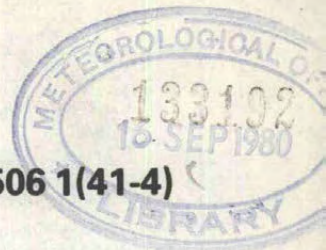


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**THE METEOROLOGICAL OFFICE**

**MONTHLY**

**WEATHER**

**REPORT**

**VOLUME 96**

**1979**

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**HER MAJESTY'S STATIONERY OFFICE**

FH1



# Climatological District Map

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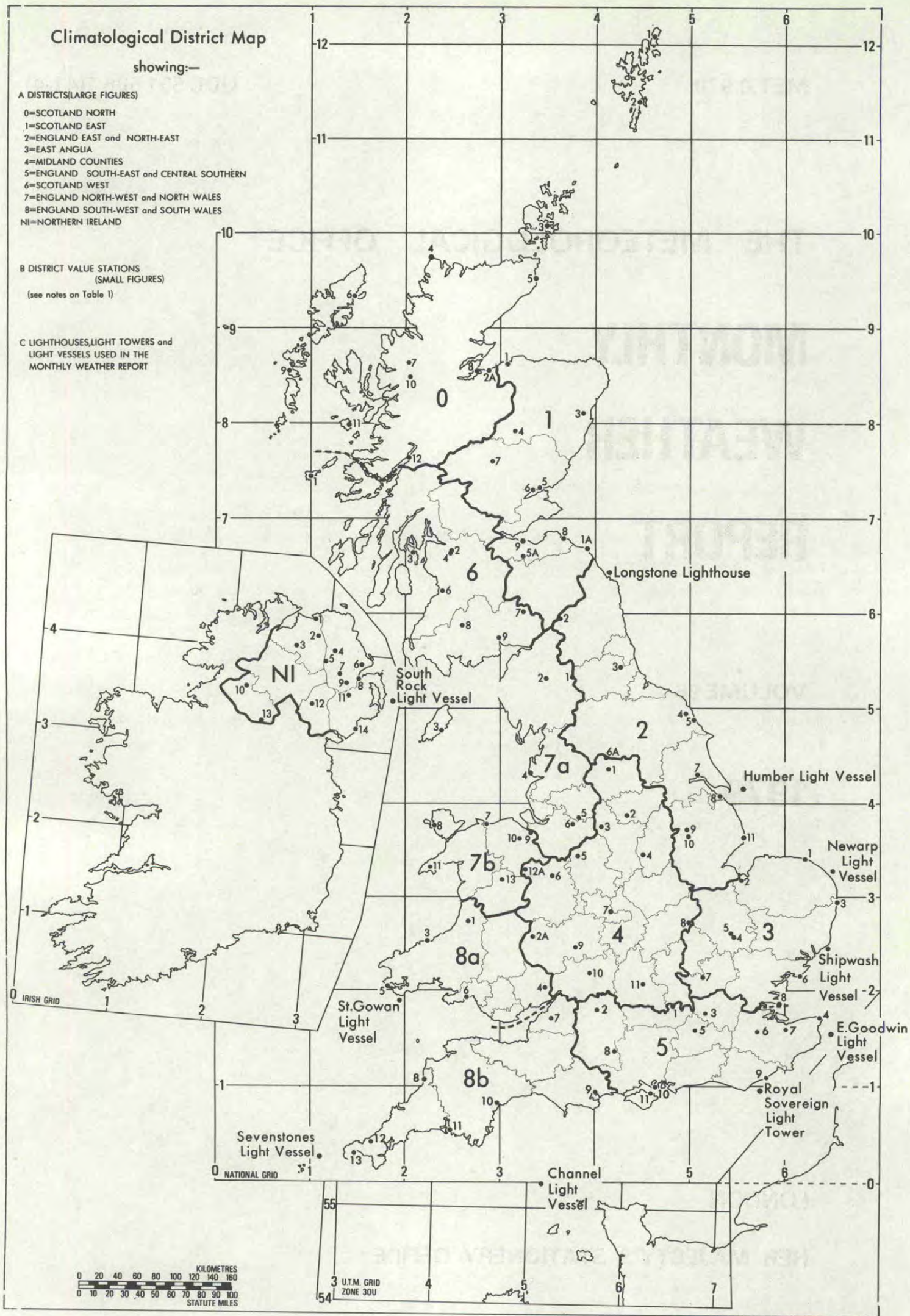
## A DISTRICTS(LARGE FIGURES)

- 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 LIGHTHOUSES, LIGHT TOWERS and LIGHT VESSELS USED IN THE MONTHLY WEATHER REPORT





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## Introduction to the Monthly Weather Report

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*\*. The report includes almost all the items recommended in the World Meteorological Organization's *Guides 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 third year 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 résumé of changes in content and layout, etc. up to that year, and subsequent changes were set out and explained in later Introductions, notably in those in 1921, 1923, 1955 and 1971. The Annual Summary began in 1903.

## Heights, time standard

Unless otherwise indicated the height of a station above mean sea level (MSL) is the height above Ordnance Datum of the ground on which the rain-gauge stands, while the height of barometer above MSL refers to the height above Ordnance Datum of the barometer cistern or precision aneroid. A note on the errors arising from differences between the old Liverpool Ordnance Datum and the Newlyn Ordnance Datum adopted in Great Britain in 1933 was included in the Introduction to the 1953 volume. From 1 January 1964 altitudes in Northern Ireland refer to the Belfast Datum which, on average, is about 0.3 m lower than the Newlyn Datum.

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

\*London, Meteorological Office, *Observer's Handbook* (Met.0.805), 3rd Ed. London, HMSO, 1969



## Contents of the Monthly Weather Report

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

When observations for any station are incomplete it is sometimes possible to estimate values for the missing data by using reports from neighbouring stations. Details of the procedures are given in the notes below on the individual tables. An entry of — in the tables means that for various reasons data were not available and an estimate could not be made: an entry of 0 indicates no occurrence.

The following minor changes will be effective from January 1980:-

- (i) Temperatures below ground level: Temperatures measured at various depths below ground level will all be termed 'soil temperatures'; in the past the term 'earth temperature' has also been used. This change conforms to current World Meteorological Organisation practice.
- (ii) Wind speed: The abbreviation 'kn' will be used for knot, instead of 'kt' which has been used previously.

### Text

An account is given under standard headings of the weather over the United Kingdom. It should be noted that the term 'sleet' is used when snow occurs with rain or drizzle, and also that the totals and statistics quoted in the section headed 'Rainfall' include all forms of precipitation and surface condensation phenomena (see rainfall notes on page ix). The note which reported observations in Scotland of the aurora, under 'Miscellaneous Phenomena', was discontinued in January 1978, as occurrences are no longer noted regularly.

### 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 was added to Districts 0 to 8, as a separate unnumbered district. 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 122 cm ceased.

The major reorganization 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. It was decided that the climatological districts should continue to be defined in terms of administrative counties, and in consequence the boundaries of the climatological districts in England and Wales were modified. Similar slight changes to the climatological districts in Scotland became necessary as a result of the reorganization of local government there during 1975. The district boundaries are shown on the map (frontispiece).

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. Until 1975 five such stations were normally selected for each of these elements, as representative of each climatological district, but in January 1976 the list was revised and expanded in order to obtain improved areal averages. For the same reason a few stations have been included in adjacent districts as well as, or instead of, in their normal district. In the case of earth temperature the choice of stations has been restricted by the scarcity of long-period records. Northern Ireland constitutes one district and each of the other nine are made up of a number of adjacent counties or regions in Great Britain, broadly grouped according to their general climatic features. The positions of the District Value Stations used in each district are shown on the map (frontispiece). The highest maximum and lowest minimum air temperatures are for the District Value Station only. The differences from average of air temperature, earth



<b>District 0</b>			<b>District 3</b>			<b>District 8</b>		
1	Baltasound	— — E —	1	Cromer	T r — S	1	Trawscoed	— r — S
2	Lerwick	T r — S	2	Terrington		2A	Lyonsall	T — — —
3	Kirkwall	T r — S		St Clement	T r E S	3	Aberporth	T — — —
4	Cape Wrath	T r — —	3	Lowestoft	T r E S	4	Crumbland	— r E —
5	Wick	T r — S	4	Cambridge (B.G.)	T r E —	5	Dale Fort	T — E —
6	Stornoway	T r — S	5	Cambridge (N.I.A.B.)	— — — S	6	Swansea	T r E S
7	Kinlochewe	— — E —	6	Clacton-on-Sea	T r E S	7	Long Ashton	T r — S
8	Fortrose	T r — S	7	Rothamsted	T r E S	8	Bude	T r — S
9	Benbecula	T r — S	8	Shoeburyness	T r — S	9	Poole	T r — S
10	Achnashellach	T r — —		Raunds	T r E S	10	Starcross	T r E S
11	Isle of Rhum	— — E —	<b>District 4</b>			11	Plymouth Hoe	— — E —
12	Onich	T r — S	1	Bradford	T r E S	12	Rosewarne	— — E —
<b>District 1</b>			2	Sheffield	T r — S	13	Penzance	T r — S
1	Kinloss	T r E —	3	Buxton	— — E —	<b>Northern Ireland</b>		
2A	Nairn	— — — S	4	Watnall	T r — S	1	Coleraine University	— — — S
3	Craibstone	T r E S	5	Keele	— — E —	2	Moneydig	T r E —
4	Braemar	T r — S	6	Shawbury	T r — S	3	Banagher Filters*	— r — —
5	Dundee	T r — S	7	Elmdon	T r — S	4	Lisnafillan	— r — —
6	Mylnefield	— — E —	8	Raunds	T r E S	5	Toomebridge	— r — —
7	Faskally	— — E —	9	Malvern	— — E —	6	Woodburn North	— r — —
8	Dunbar	T r — S	10	Cheltenham	T r — S	7	Aldergrove	T — — S
9	Edinburgh (R.B.G.)	T r E S	11	Oxford	T r E S	8	Belfast	
	Eskdalemuir	T r E S	<b>District 5</b>				Pumping Station	— r — —
<b>District 6</b>			1	Hurley	— — E —	9	Stoneyford Res.	— r — —
1	Tiree	T r — S	2	Lyneham	T r — —	10	Castle Archdale	
2	Abbotsinch	T r — S	3	Kew	T r — S		Forest	T — E S
3	Rothsay	— — E —	4	Margate	T r E S	11	Hillsborough	T r E S
4	Paisley	— — E —	5	Wisley	T r — S	12	Armagh	T r E S
5A	Penicuik	T r E S	6	East Malling	T r — S	13	Crom Castle	— r — —
6	Auchincruive	T r E S	7	Faversham	— — E —	14	Annalong Valley	— r — —
7	Eskdalemuir	T r E S	8	Porton	T r E S			
8	Dundeugh	— — E —	9	Hastings	T r — S			
9	Dumfries	T r — S	10	Southsea	— — E —			
	Onicl	T r — S	11	Ryde (I.O.W.)	T r — S			
<b>District 2</b>			<b>District 7</b>			T = air temperature		
1A	St Abbs Head	T — — —	1	Moor House	— — E —	r = rain days		
2	Kielder Castle	— — E —	2	Newton Rigg	T r — S	E = earth temperature at 30 cm		
3	Durham	T r E S	3	Douglas (I.O.M.)	T r — S	S = sunshine		
4	Silpho Moor	— — E —	4	Squires Gate	T r — S			
5	Scarborough	— — — S	5	Ringway	T r — S			
6A	Ilkley	T r — S	6	Knutsford	— — E —			
7	Hull	T r E S	7	Colwyn Bay	— — — S			
8	Cleethorpes	T r — S	8	Valley	T r — S			
9	Lincoln	T r E —	9	Hawarden Bridge	T r — —			
10	Waddington	— — — S	10	Loggerheads	— — E —			
11	Skegness	T r — S	11	Botwnnog	— — E —			
	Terrington		12A	Oswestry	— — — S			
	St Clement	T r E S	13	Lake Vyrnwy	T r E —			

\*Changed to Banagher, Caugh Hill on 1 August 1979.



## 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 09 h pressure at MSL, the mean air temperature at MSL, the mean daily bright sunshine and the difference of mean 30 cm earth temperature from the 1941-70 average. Acknowledgement 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 at certain locations in coastal waters named on the map (frontispiece). The averages of earth temperature at 30 cm used to prepare data for the anomaly map may be obtained on request.

## Table 2 Solar radiation

Records of solar radiation at normal incidence measured at Kew Observatory were first published in the *Monthly Weather Report* in 1935 as Table III (c), which became Table III (b) in 1940. Total illumination on a horizontal surface was added for Kew in 1948 and for the London Weather Centre in 1950. In 1956 the direct (normal incidence) values at Kew were replaced by total and diffuse solar radiation on a horizontal surface. Data for other stations were added in this and in subsequent years. The table was renumbered Table XIII in 1957 and Table 2 in 1971. Since January 1977 the word 'total', referring to both solar radiation and illumination on a horizontal surface, has been replaced by the word 'global': this alteration implies no change in the method of measurement, but merely brings the nomenclature into line with current WMO practice. Publication of global illumination on a horizontal surface ceased at the end of 1977. From January 1978 daily totals of solar radiation have been expressed in megajoules per square metre.

The instruments used for the radiation records are Moll-Gorczynski pyranometers. Meteorological Office pattern bimetallic actinographs may be used as standby instruments for recording global radiation. 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 augmented whenever possible by values estimated from 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. With effect from January 1966 the value is given in parentheses if the extreme value has been obtained from data which have been partly or wholly estimated.

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

From January 1977 the 'Bracknell' station has been listed as 'Easthampstead', as in earlier years: the site, which is about 4 km SSW of the centre of Bracknell, has always been at Easthampstead.

## 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 appear alphabetically under local government administrative areas which are themselves arranged as far as possible in geographical order (north to south and east to west) within climatological districts.

Statistics in parentheses indicate either estimates to replace missing data, or amended values.

**Height of Station.** The height given in the third column of the table refers to the ground on which the rain-gauge stands. In general it may be assumed that observations of other elements, with the occasional exception of sunshine, are made in the immediate vicinity of the rain-gauge. A notable exception occurs at Ventnor where all observations other than rainfall are made at 60 m above MSL.



**Air Temperature.** The measurements of air temperature are obtained from thermometers exposed in white painted louvered screens supported over short grass in the open, the bulbs of the thermometers being 1.25 m above ground. The nearest object should be at least twice its height away from the screen. Two measurements of air temperature are published for Eskdalemuir, Kew and Lerwick: one is obtained from an electrical resistance aspirated psychrometer at 1.25 m above the ground and the other from thermometers in a louvered screen as above, except at Kew where the louvered screen is on the north wall of the Observatory and about 8 m above the general level of the ground.

The times at which maximum and minimum temperatures are read at each station are given in the second column of the table. When the entry is 9 9, the thermometers are read only once each day and all values refer to the 24 hours ending at 09 h. When the entry in the second column is 21-9, the thermometers are read twice each day; means of maximum and minimum temperatures are then for the 12 hour periods ending at 21 h and 09 h respectively (usually referred to as 'day maximum' and 'night minimum' temperatures), whilst the values of highest maximum and lowest minimum refer to the 24 hours ending at 09 h. The monthly means and extreme minima at the two types of station are thus not always strictly comparable. In all cases maxima read at 09 h are credited to the previous day, but minima are credited to the days on which the values are read.

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

**Rainfall.** The rainfall total includes water collected in the rain-gauge from precipitation, such as rain, drizzle, sleet, snow and hail, and also from deposits derived from dew, fog, hoar frost and rime. The daily amount for any station is the total accumulated during the 24 hours from 09 h on one day to 09 h on the next. The total is credited to the former of the two days as the greater part of the period occurs on that day; thus, the amount of rainfall measured at 09 h on the first day of the month is included in the monthly total for the previous month.

#### **Weather (Number of Days)**

**Precipitation:** Every day (defined as the period 09 h to 09 h) is counted during which the total amount is at least 0.2 mm and again when it is at least 1.0 mm. The lower limit normally excludes occasions when the daily totals are derived wholly from dew and similar deposits.

**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 may be so small that no measurable precipitation is collected in the rain-gauge.

**Snow lying at 09 h:** Every day when snow is lying at 09 h 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:** Although there has been a change from July 1978, occasions recorded include days when ice pellets less than 5 mm in diameter occurred providing there has been no occurrence of hail (in which case a day of hail only would be reported).

**Thunder heard:** A day of thunder is counted when thunder is heard at any time during the period midnight to midnight.

**Fog at 09 h:** A day of fog is one on which at 09 h the visibility is less than 1000 m 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 09 h (or 21 h) 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 09 h is below 0 °C, the temperature being credited to the day of reading. The thermometer is set and exposed over short grass at the last hour of observation before sunset. At those stations where observations are taken once a day, the time of setting will therefore be at 09 h.



**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 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 elevation of less than about 3°. 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 and 21 h for voluntary climatological stations and 08 and 18 h for official (then known as telegraphic reporting) stations. In 1909 the hours became 09, 15, 21 h and 07, 13, 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, 21 (or 01) h in 1923 and 00, 06, 12, 18 h in 1944. In 1945 the hours for all stations became 03, 09, 15, 21 h. The order in which stations appear is the same as that used in Table 3.

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.

**Mean Pressure.** Atmospheric pressure is expressed in millibars (1 mb = 100 pascals = 100 newtons per square metre). Precision aneroid barometers are now in general use for measuring pressure and a correction for altitude is applied to obtain the values at MSL. The 1941-70 averages of MSL pressure at 09 h which are used in this table are published in *Climatological Memorandum* No 51A obtainable from the Meteorological Office.

**Humidity.** Monthly mean values of vapour pressure and relative humidity are calculated from daily readings of dry-bulb and wet-bulb thermometers in louvered screens, except at Eskdalemuir, Kew and Lerwick where readings of aspirated psychrometers are used.

**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 10 m. At a station which has an anemograph the mean speed and mean direction over an observational 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 was called Table IV in 1913, but after three years as Table VIII became Table IX from 1917 to 1951. The table reverted to Table VIII in 1952 and it was renumbered 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 renumbered 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 renumbered Table 6 in 1971, becoming strictly analogous to its monthly counterpart. The order in which stations appear is the same as that used in Table 3. The majority of records used in the preparation of this table are obtained from electrical anemographs, only a few now being from pressure-tube anemographs.

Up to 1920 all available records were summarized regardless of missing data. In 1921 records with 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 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, it was thought that these values might have been exceeded during a period of defective or missing record.

Since 1971 the criteria given below have applied to the publication of data in this table.

1. The distribution of hourly mean values of wind speed has not been published monthly if
  - (a) data were missing or estimated for more than 80 hours, or
  - (b) data were missing or estimated for 40 or more consecutive hours.
2. The distribution of hourly mean values of wind speed has not been published annually if
  - (a) data were missing or estimated for more than 800 hours, or
  - (b) data were missing or estimated for 400 or more consecutive hours.
3. The mean hourly wind speed for the month is computed as the average of the actual and estimated hourly mean wind speeds. Values of the monthly mean speed are not published if the distribution of hourly mean values of wind speed is not published.
4. Prior to 1974 values of highest hourly wind and gust were published even when the distribution of hourly mean values of wind speed was not, provided only that by comparison with neighbouring stations, it was considered unlikely that the values had been exceeded during any period of missing observations. From 1974 values of highest hourly wind and gust are omitted from the monthly tables when the distribution of hourly mean values of wind speed is not published, but the pre-1974 practice still applies to the publication of annual data.
5. If the above criteria result in no summary or only a partial summary, the entry 'Defective record' is inserted in the table.

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

- 1 and 2: Delete the words 'or estimated' wherever they occur.
5. Any 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 exposed at an effective height of 10 m. 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. 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. 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 effected height of 10 m) was between the stated limits. These column limits are the equivalent speeds given in the Beaufort scale of Force 8 and above (gales), Force 7 and 6 (strong winds), Force 5 and 4 (moderate breezes), Forces 3 and 2 (light breezes) and Forces 1 and 0 (nearly calm or calm). The 'highest hourly wind' refers to a period of 60 minutes beginning at an exact hour. The directions shown in the columns headed 'veer from N' are the directions in degrees (true) from which the wind blew, for example, the entry for an east wind is 090, that for a south wind 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 the 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.

### **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 renumbered 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 renumbered 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 Annual Summary and dates from 1913 when, as Table 1, it gave the temperature and date of the coldest day (lowest maximum temperature) and warmest night (highest minimum temperature) in the



year at as many stations as possible. In 1914 it became Table V and contained, in addition to the above data, similar details of the coldest night (lowest minimum temperature) and warmest day (highest maximum temperature) in the year. In 1969 the table assumed its present title and in 1971 it was renumbered 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 renumbered Table 11 in 1971.

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

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 renumbered 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 used to detect those values which, on meteorological grounds, appear suspect. Human scrutiny then determines whether the data are, in fact, erroneous and corrective 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. All the tables are prepared by computer after corrections have been incorporated.

#### **Stations completing climatological returns**

This section contains amendments to the complete list of stations published in the Introduction to the *Monthly Weather Report* in 1978. Stations are categorized into the following types:-

- M Meteorological Offices staffed by professional meteorologists.
- X Stations whose observations are used primarily in weather forecasting and are manned by non-Meteorological Office staff.
- C Climatological stations co-operating voluntarily with the Meteorological Office, most of which make one observation daily at 09 GMT.
- A Agricultural meteorological stations, which are climatological stations with agricultural interest. Most participate in a scheme inaugurated by the Ministry of Agriculture, Fisheries and Food, and the Department of Agriculture for Scotland in co-operation with the Meteorological Office.
- H Health resort stations, which are climatological stations participating in a scheme whereby information is sent daily to the Meteorological Office for communication to the Press.
- D Stations equipped with data recording instruments only.



# Additions

Station(Region/County)	Type	First published in MWR	Lat.	Long.	Grid Reference	Authority
<i>Aspatia</i> (Cumbria)	X	Not publ.	54 46N	03 19W	NY-154423	Mr. W. Clarke
<i>Ardentinny</i> (Strathclyde)	C	Not publ.	56 02N	04 55W	NS-186875	Outdoor Education Centre
Aughton (Lancashire)	M	1979	53 33N	02 55W	SD-394063	Meteorological Office
Barbrook (Derbyshire)	C	1979	53 17N	01 35W	SK-281770	Severn - Trent Water Authority
Boom Hall (Londonderry)	C	1979	55 01N	07 17W	IC-447198	Mr. D. Hasson
<i>Brooksby Hall</i> (Leicestershire)	C	Not publ.	52 44N	01 00W	SK-679154	Brooksby Agricultural College
Bryansford (Down)	C	1979	54 13N	05 57W	IJ-346330	F. H. Ebbitt Field Study Centre
Brymore (Somerset)	C	1979	51 09N	03 05W	ST-244394	Brymore School
Camborne (Cornwall)	M	1979	50 13N	05 19W	SW-628407	Meteorological Office
Chapelcross (Dumfries & Galloway)	D	1979	55 01N	03 13W	NY-220698	British Nuclear Fuels Ltd.
<i>Constantine Bay</i> (Cornwall)	C	Not publ.	50 32N	05 01W	SW-867745	Trevoze Golf & Country Club
<i>Cors Fochno</i> (Dyfed)	C	Not publ.	52 30N	04 01W	SN-635910	Nature Conservancy Council
<i>Covenham</i> (Lincolnshire)	C	Not publ.	53 27N	00 02E	TF-351967	Anglian Water Authority
Delabole (Cornwall)	C	1979	50 37N	04 43W	SX-073835	S.W. Water Authority
Denver (Norfolk)	C	1979	52 35N	00 21E	TF-590009	Anglian Water Authority
<i>Driby</i> (Lincolnshire)	C	Not publ.	53 15N	00 05E	TF-387745	Anglian Water Authority
<i>Dunkeswell</i> (Devon)	C	Not publ.	50 52N	03 14W	ST-138079	S.W. Water Authority
<i>East Dereham</i> , Neatherd (Norfolk)	C	Not publ.	52 41N	00 57E	TG-001132	Neatherd High School
Eskmeals (Cumbria)	M	1979	54 19N	03 24W	SD-085931	Meteorological Office
Hemsby (Norfolk)	M	1979	52 41N	01 41E	TG-493162	Meteorological Office
Hemyock (Devon)	C	1979	50 55N	03 14W	ST-138129	S.W. Water Authority
High Beach (Essex)	C	1979	51 40N	00 02E	TQ-412981	Field Studies Council
Invergordon (Highland)	C	1979	57 42N	04 09W	NH-715702	The British Aluminium Co.
<i>Kilchrenan</i> (Strathclyde)	C	Not publ.	56 21N	05 11W	NN-038228	Mr. R. R. Baldwin
<i>Killyfole</i> (Fermanagh)	C	Not publ.	54 14N	07 17W	IH-468315	Department of the Environment
<i>Kinbrace</i> (Highland)	C	Not publ.	58 14N	03 55W	NC-872285	Highland River Purification Board
Ladock (Cornwall)	C	1979	50 19N	04 58W	SW-891511	S.W. Water Authority
Long Kesh (Down)	M	1979	54 29N	06 06W	IJ-233613	Meteorological Office
Lough Cowey (Down)	C	1979	54 25N	05 33W	IJ-597546	Department of the Environment
<i>Ludlow</i> (Salop)	C	Not publ.	52 21N	02 43W	SO-516732	Severn - Trent Water Authority
Maidensgrove (Oxfordshire)	C	1979	51 35N	00 57W	SU-723883	Mr. C. Folland
Melbury (Devon)	C	1979	50 57N	04 18W	SS-388202	S.W. Water Authority
<i>Mourne Grange</i> (Devon)	C	Not publ.	54 03N	06 03W	IJ-282150	Mourne Grange Village Community
<i>Otterbourne</i> (Hampshire)	C	Not publ.	51 00N	01 20W	SU-468233	Southern Water Authority
<i>Plockton</i> (Highland)	C	Not publ.	57 20N	05 39W	NG-802332	Highland Regional Council
<i>Rayleigh</i> (Rawreth Lune) (Essex)	C	Not publ.	51 36N	00 36E	TQ-804926	Mr. R. O'Sullivan
Shaw's Bridge (Belfast)	C	1979	54 32N	05 55W	IJ-328686	Dr. T. A. Robinson
<i>Strathclyde Park</i> (Strathclyde)	C	Not publ.	55 47N	04 02W	NS-732565	Strathclyde Regional Council
<i>Tavistock</i> (Kilworthly College) (Cornwall)	C	Not publ.	50 34N	04 09W	SX-482769	S.W. Water Authority
<i>Towy Castle</i> (Dyfed)	C	Not publ.	51 48N	04 19W	SN-406142	Mr. D. C. Smith
Tregastic (Cornwall)	C	1979	50 25N	04 25W	SX-282596	S.W. Water Authority
Twist (Devon)	C	1979	50 50N	03 00W	ST-290037	S.W. Water Authority
<i>Upper Killeyan</i> (Strathclyde)	C	Not publ.	55 36N	06 19W	NR-281419	Mr. M. Turner
Westergate (West Sussex)	C	1979	50 50N	00 40W	SU-941055	West Sussex County Council
<i>Wiseton</i> (Nottinghamshire)	C	Not publ.	53 24N	00 56W	SK-711893	Severn - Trent Water Authority
Wixoe (Essex)	C	1979	52 03N	00 30W	TL-708430	Anglian Water Authority



**Deletions (stations closed or ceased sending returns)**

Aberdare Filter Station	Fraserburgh	Port Ellen
Aberystwyth	Grangemouth	Port Talbot
Achaglachgach	Herne Bay	Roslin
Achnagoichan	Kensington Palace	Scatsta
Auchen Castle	Killin	Seahouses
Blackburn Sewage Works	Kinlochewe	Sutton Bridge
Blairvadach	Kirkcaldy	Tavistock
Chatham South	Kirkintilloch	Todmorden
Coulport	Largs	Usan
Coventry Airport	Letchworth	West Kirby Park
Dover R.M.S.	Littlehampton	Weyland
Edgbaston	Llwynon	Winchester

**Changes in station details****Change of Authority:-**

Oswestry	—	N.W. Water Authority
Whitechurch	—	Mr. T. H. Hazeldon

**Change of Type:-**

Dungeness	X to D
-----------	--------

**Change of Grid Reference:-**

Cranwell	—	TF-004493
Downside Abbey	—	ST-655508
Dyce	—	NJ-877127
Haughley	—	TM-031639
Nettlecombe	—	ST-057377
Skokholm Island	—	SM-738052
Sumburgh	—	HU-393107
Terrington St. Clement	—	TF-546187



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# MONTHLY WEATHER REPORT

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

MET.0.930

UDC 551 506 1 (41-4)

**JANUARY 1979**

VOLUME 96

NUMBER 1



## Mostly very cold and snowy, with freezing fog at times.

A trough of low pressure near the Faeroes moved south-eastwards to the Low Countries at the beginning of the month, and a ridge of high pressure then crossed the British Isles. This was followed by a depression, which moved from Biscay to northern France between the 3rd and the 5th and brought severe easterly gales to the western Channel area. Atlantic fronts crossed all parts in a mainly westerly airstream during the next few days, but a return to wintry conditions followed as a deep depression moved eastwards across northern Britain on the 10th.

Another ridge affected most areas on the 12th and the 14th, and some unusually low temperatures occurred before a warm front from the Atlantic brought milder air to all parts early in the third week. This interlude was short-lived as an anticyclone to the west of Ireland drifted north-eastwards to Scandinavia by the 18th and a cold easterly airstream became established over the British Isles. Although fronts moved northwards over Britain on the 20th and the 21st, the high pressure to the north-east persisted until the 23rd, when a low-pressure system moved up the English Channel. Fronts and depressions then moved south or south-east across all areas.

### Weather

The month was very cold and snowy, with only brief milder spells. Snowfall was heavy at times, and the persistently frosty weather maintained the snow cover for long periods, especially in the north. Gale force winds, often from the east, caused severe drifting. Freezing fog, and ice on the roads, added to the problems caused by the wintry weather. Much of the precipitation was of a showery character, however, and many areas had a sunny month. Thunderstorms occurred from time to time, mostly in western districts.

### Wind

Fresh or strong winds blew on many days in exposed places, and gales were severe at times. Easterly gales occurred in southern coastal areas between the 3rd and the 5th, and gusts of between 65 and 70 kt were recorded in south-west England. The heavy seas and strong winds caused flooding and damage along the south Devon coast. The north of Scotland experienced westerly gales on the 7th, gusts attaining speeds of around 65 kt in the Northern Isles, while the mountain station at Cairngorm recorded a gust of 70 kt. Gale force winds, blowing from points mainly between south-west and north-west, occurred in many coastal districts between the 9th and the 12th, and gusts of around 67 kt were again recorded in the south-west. Easterly winds prevailed between the 18th and the 23rd, occasionally reaching gale force on exposed North Sea coasts. Southerly gales affected some western and southern coasts on the 28th.

### Temperature

This was the coldest January over the United Kingdom generally since 1963, and since the early 1940s in some places. Excluding most coastal districts, monthly mean temperatures were mainly between 3 and 4 °C below average, differences from the normal being greatest in central England. Values were mostly between 2 and 3 °C below average elsewhere.

The very cold spell which started at the end of December continued into January, and the 1st was particularly cold, with temperatures remaining below 0 °C all day almost everywhere. Milder weather spread to all areas on the 6th and 7th, but it became very cold again between the 9th and the 14th. Extremely low minima occurred at some high-level stations in Scotland towards the end of this period, temperatures falling below -20 °C in places on the nights of both the 12th/13th and the 13th/14th. At Carnwath (Strathclyde) the minimum of -24.6 °C on the night of the 12th/13th was the lowest temperature recorded in the United Kingdom in any month since 1955 and the second lowest since 1895. Another brief spell of milder weather followed, and it also became milder in southern England at the end of the third week, but these respites from the wintry conditions were only temporary.

### Rainfall

Because much of January's precipitation was of a wintry nature, rainfall totals include the equivalent water content of some heavy falls of snow. Monthly values were above average in East Anglia, in parts of eastern, central and south-eastern England, along most Channel coasts and in parts of Northern Ireland and western and northern Scotland. Totals were below average in most other districts, particularly in parts of eastern Scotland, the central Borders and extreme northern England. Only about half the normal precipitation was recorded in places in these areas.

### Snow

Wintry showers occurred frequently and widely, but there were also prolonged periods of snowfall, notably in the Channel Islands on the 4th/5th, in northern districts on the 9th/10th and the 20th/21st, and in most areas during the last week. The snow was heavy at times and lay for many days, owing to the low temperatures. Gale force winds caused considerable drifting of both fresh and lying snow, and the severe weather brought hardship to most areas. Rapid but only temporary thaws led to flooding in parts of

the south.

Accumulated depths of at least 20 cm were measured in level snow at a number of places, mostly on high ground, and undrifted depths exceeding 50 cm were reported at a few places in the north. Drifts of about 2 m were observed in Shetland at the beginning and end of the month, and in Scotland, over the Pennines and on Dartmoor on various dates.

### Sunshine

Sunshine was below average in a few places along the east coast of England, in some western parts of Northern Ireland and Scotland, and also in northernmost Scotland. All other areas had above-average sunshine, and monthly totals were well above the normal in a number of places. Values exceeded 150 per cent of the average in the Edinburgh area, in parts of central England and along Channel-facing coasts in south-west England. Torbay (Torquay), with 176 per cent (105.1 hours) of the normal, had its sunniest January since records began there towards the end of the last century.

### Fog

Isolated fog patches formed on many nights during the month, but fog developed more widely at times. Hill fog occurred extensively in southern areas on the night of the 7th/8th. Freezing fog was reported fairly frequently, persisting for much of the day in the Glasgow, Belfast and Manchester areas on the 12th, and in Glasgow and parts of the west Midlands on the 13th. Widespread fog developed at times in eastern, southern and central districts of England, and in South Wales, between the 14th and the 16th and was slow to clear in places. Fog also persisted in these areas on the 21st, when a number of road accidents occurred in dense, freezing fog in south-east England. Various parts of England were again affected by freezing fog between the 25th and the 28th.

### Miscellaneous Phenomena

None reported.

Table 1 District values

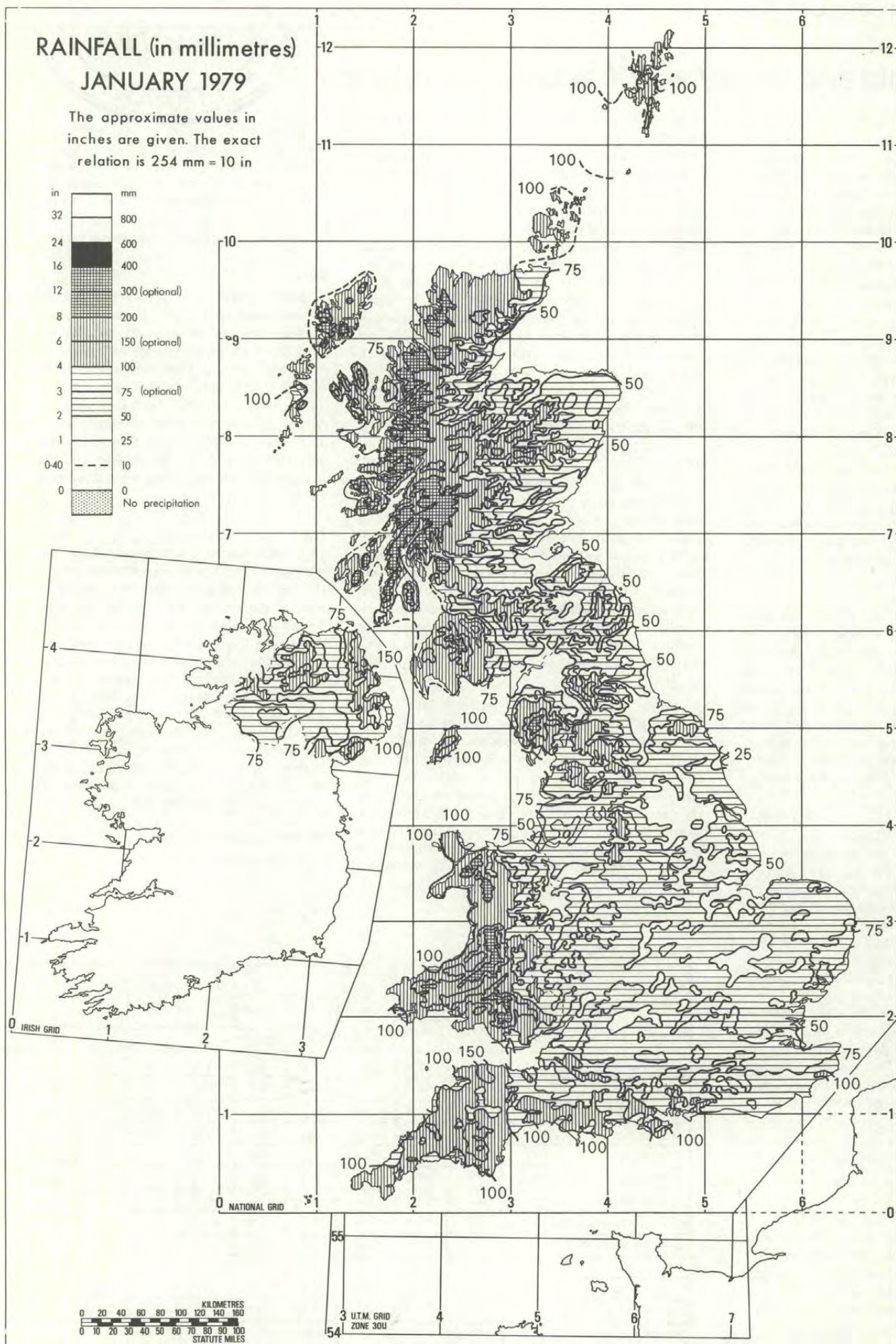
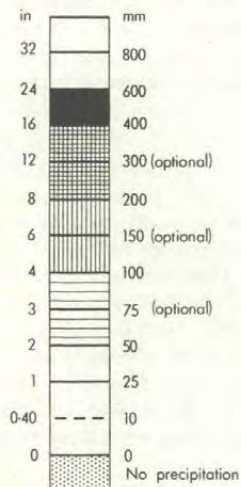
District	air temperature °C					mean 30-cm earth temp °C	rain- days	rainfall	sun- shine
	Highest Max*	Lowest Min*	max.	min.	mean				
0 Scotland N	9.2	-12.4	-2.1	-2.8	-2.4	-1.1	+2	91	86
1 Scotland E	9.5	-18.5	-2.3	-3.0	-2.6	-0.5	-1	69	126
2 England E & NE	9.4	-15.4	-2.9	-3.5	-3.2	-1.0	+1	100	111
3 East Anglia	8.9	-15.4	-3.0	-3.6	-3.3	-1.1	+4	122	105
4 Midland Counties	11.5	-15.1	-3.1	-3.9	-3.5	-1.5	+1	105	133
5 England SE & Central S	8.9	-11.8	-2.7	-3.4	-3.0	-1.5	+1	107	118
6 Scotland W	9.9	-17.3	-2.5	-3.5	-3.0	-0.9	0	92	116
7 England NW & Wales N	10.4	-14.8	-2.6	-3.1	-2.9	-1.2	0	81	129
8 England SW & Wales S	11.3	-14.0	-2.3	-3.6	-3.0	-1.8	0	103	133
N Ireland	10.0	-12.1	-2.6	-3.6	-3.1	-1.4	-1	90	110
Scotland	9.9	-18.5	-2.3	-3.1	-2.7	-0.8	0	84	109
England & Wales	11.5	-15.4	-2.8	-3.5	-3.1	-1.3	+1	103	121

\*Highest maximum and lowest minimum of District Value Stations



# RAINFALL (in millimetres) JANUARY 1979

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





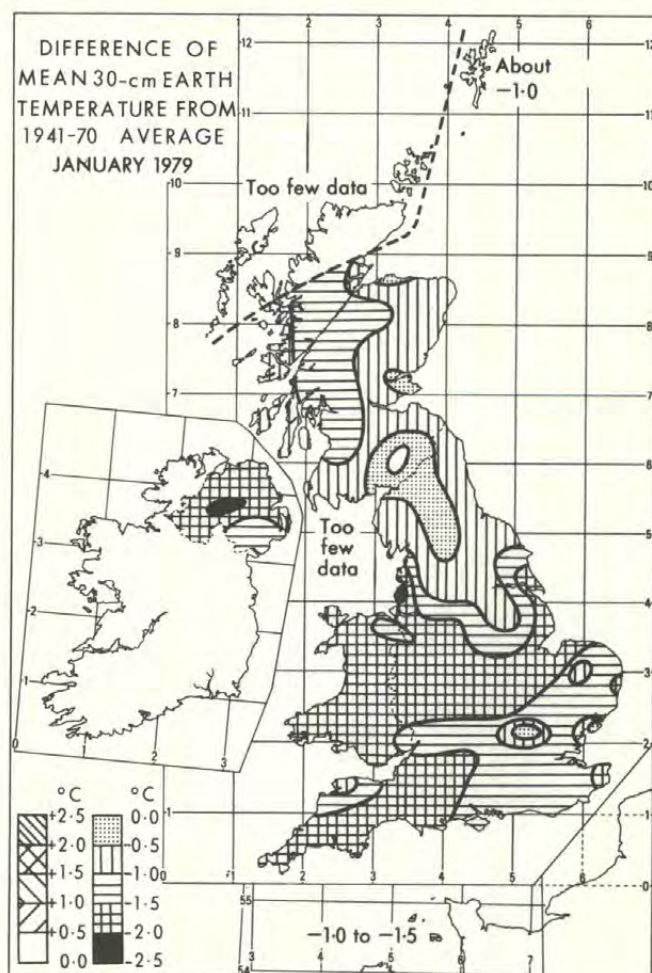
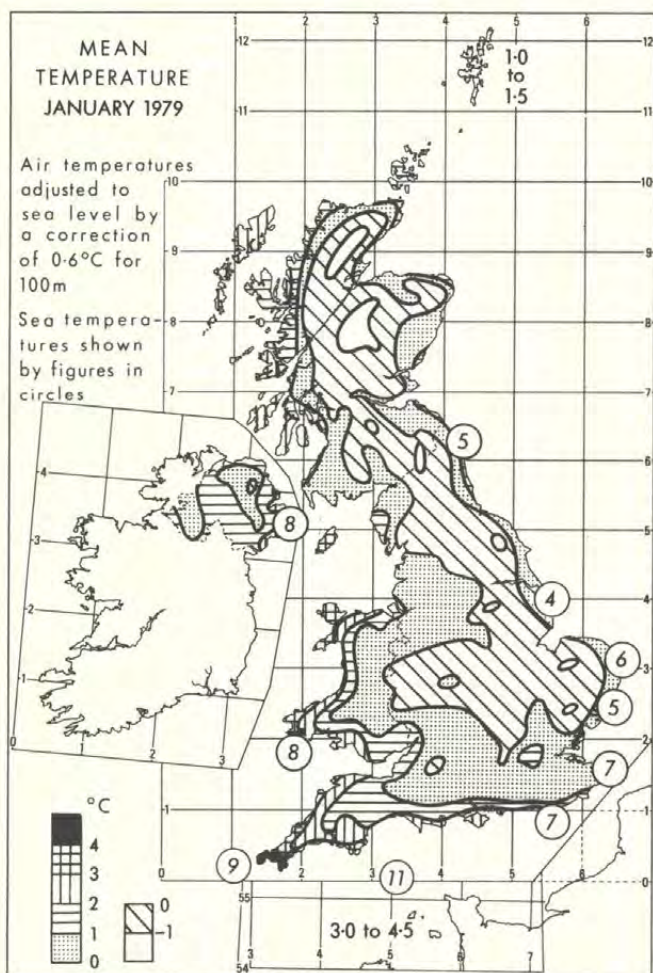
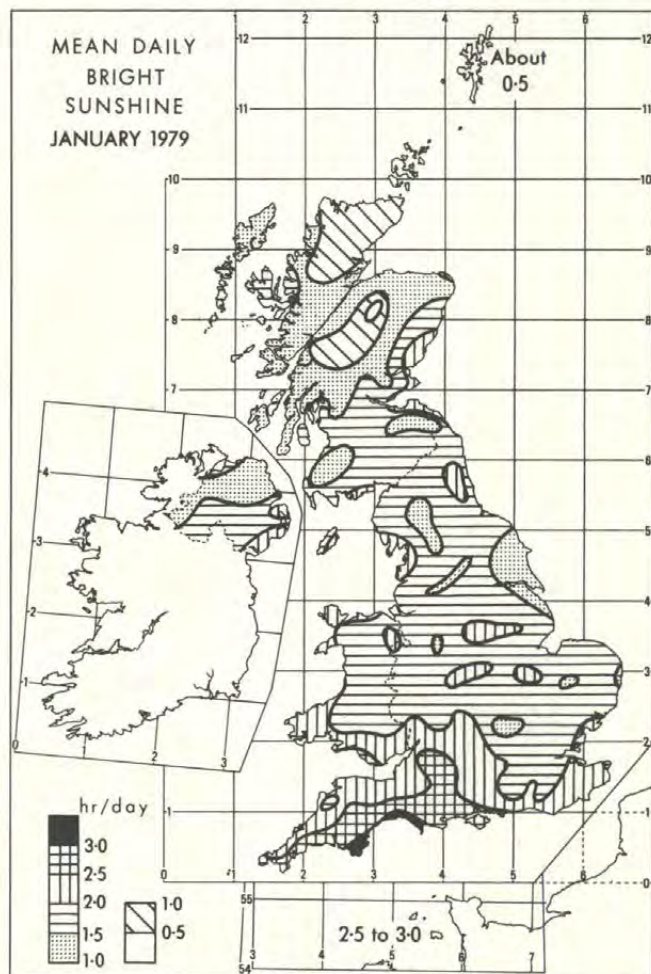
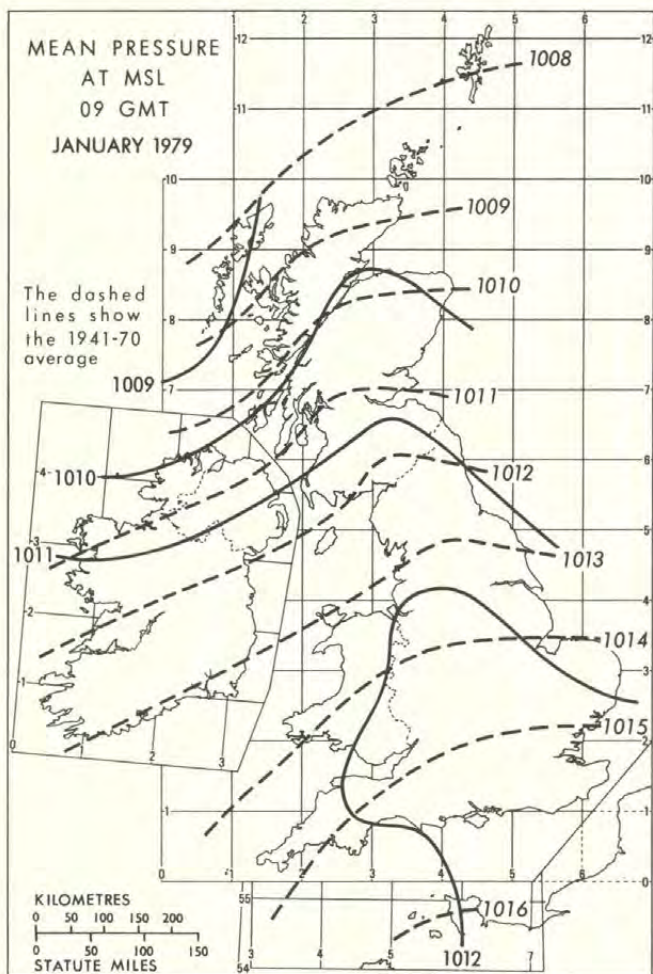




TABLE 2 SOLAR RADIATION

JANUARY 1979

STATION	DAILY GLOBAL IRRADIATION ON A HORIZONTAL SURFACE (MEGAJOULES PER SQUARE METRE)						DAILY DIFFUSE IRRADIATION ON A HORIZONTAL SURFACE (MEGAJOULES PER SQUARE METRE)					
	MAX.	DATE	MIN.	DATE	DAILY MEAN	NO. OF DAYS	MAX.	DATE	MIN.	DATE	DAILY MEAN	NO. OF DAYS
LERWICK	2.0	26	0.1	15.16.20	0.8	31	1.7	30	0.1	15	0.7	31
ABERDEEN UNIVERSITY	4.0	31	0.2	21	1.7	31						
ESKDALEMUIR	5.6	26	0.5	20	2.4	31	3.0	30	0.5	20	1.4	31
MOOR HOUSE	5.2	27	0.7	22	2.7	31						
SUTTON BONINGTON												
GRAFHAM WATER												
ABERPORTH	6.0	27	0.8	7.19	2.7	31	3.1	31	0.8	7.19	1.6	31
CARDINGTON												
SILSDOE												
ROTHAMSTED												
QARSTON												
WALLINGFORD	6.1	27	0.5	7	3.0	31						
LONDON WEATHER CENTRE												
KEM	5.4	13	0.4	22	2.7	31	3.2	28	0.4	22	1.7	31
EASTHAMPTON	5.7	24	0.5	22	2.9	31	3.3	28	0.4	22	1.8	31
EAST MALLING	5.4	27	0.3	22	2.6	31						
RUSTINGTON												
WAREHAM	6.3	30	0.5	22	3.3	31						
JERSEY AIRPORT	7.1	15	0.8	17	3.8	31	3.7	31	0.8	17	2.3	31
ALDERGROVE	5.0	28	0.4	10	2.2	31	3.3	31	0.4	11	1.4	31

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

JANUARY 1979

DISTRICT REGION/COUNTY AND PLACE	MAX. TERMINAL HIGHT) MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE NSL (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																							
0 SCOTLAND N																																	
SHEPHERD	9 9	24	3.1	-1.5	0.8	-2.3	7.0	6	-6.2	11	2.8	141	111	18	24	27	23	16	21	1	0	0	0	21	-	-	1	0.45	78	-	-		
BALASOUND	9 9	57	3.8	-1.1	2.5	-	8.5	6	-3.6	1	3.4	4.9	97	16	16	29	18	24	11	8	11	2	1	11	19	-	16	0.72	-	-	-		
FAIR ISLE	21-9	82																															
LERWICK			2.7	-0.8	0.9	-	7.4	6	-6.6	25	-	133	-	22	16	29	23	26	16	0	14	0	1	17	27	26	2	0.52	66	-	-		
PSYCHROMETER			2.8	-0.7	1.1	-1.9	7.8	6	-6.2	25																							
SCREEN	21-9	26	3.2	-0.3	1.5	-2.1	8.3	6	-7.0	27	-	115	109	14	15	29	24	23	13	4	13	2	1	18	20	22	1	0.85	80	-	-		
KIRKWALL AIRPORT	9 9	24	3.9	-0.1	1.9	-	8.9	6	-4.8	28	2.1	115	115	13	22	28	25	20	13	0	0	2	3	12	22	-	0	-	-	-	-		
WEYLAND																																	
WESTERN ISLES	21-9	6	4.7	0.1	2.4	-2.2	9.2	6	-5.5	5.13	-	111	85	21	3	24	22	18	6	3	9	0	0	17	24	24	2	1.55	125	-	-		
BENBECULA	9 9	18	5.3	1.0	2.7	-	10.0	6	-5.5	27	-	136	19	15	23	21	13	5	0	1	1	0	14	22	-	2	1.06	-	-	-	S		
SCALPARY	21-9	15	4.1	-0.4	1.9	-2.2	9.1	6	-6.3	27	-	122	110	24	3	22	19	20	13	1	15	1	0	17	26	26	1	1.11	94	-	-		
STORNOWAY																																	
HIGHLAND	9 9	107	2.0	-5.7	-1.9	-	8.2	15	-13.7	1.2	2.4	105	12	15	23	18	19	31	1	1	1	1	25	29	-	0	0.46	-	-	-	S		
ACHARY	9 9	67	2.9	-4.4	-0.7	-3.3	8.7	6.15	-12.4	1	-	214	102	33	6	23	20	-	-	-	-	-	26	-	-	-	-	-	-	-	-		
ACHNASHELLACH	21-9	112	4.2	0.3	2.3	-2.0	8.3	6.15	-5.0	1	-	141	130	20	15	22	17	20	6	3	6	0	0	16	19	19	5	0.68	-	-	-	S	
CAPE WRATH	9 9	99	2.5	-4.2	-0.9	-	9.5	6	-11.5	2.14	-	149	17	15	24	22	-	-	-	-	-	-	24	29	-	-	-	-	-	-	-		
CASSLEY	9 9	8	3.3	-3.4	-0.1	-	10.0	6	-10.8	13	-	1148	115	10	22	16	-	-	-	-	-	-	1	23	23	-	0	-	-	-	-		
CORPACH	9 9	11	2.6	-3.5	-0.5	-	8.3	6	-12.7	14	-	53	109	11	10	22	16	-	-	-	-	-	23	29	-	0	0.99	-	-	-	-	S	
DALCROSS	9 9	351	0.9	-7.4	-3.3	-	7.6	6	-18.3	14	-	112	18	9	22	11	18	22	31	0	0	0	2	29	30	-	0	0.72	-	-	-		
DALWHINNIE	9 9	60	4.5	-1.0	1.7	-	9.0	6.14	-6.1	1	-	136	26	15	21	17	17	21	0	6	2	-	18	-	-	2	-	-	-	-	-		
DIABAG	9 9	21	4.2	-2.2	1.0	-	9.5	6	-10.0	1	-	111	128	17	15	25	24	8	18	0	0	0	1	19	27	-	0	1.21	-	-	-		
DOUNREAY	9 9	21	2.4	-3.9	-0.7	-3.2	8.4	6	-14.2	13	-	122	21	9	21	17	17	25	0	0	0	1	24	-	-	0	0	1.08	141	-	-		
FORT AUGUSTUS	9 9	5	3.2	-	-	-	8.2	6	-	-	-	47	95	8	15	23	14	12	11	0	0	0	1	-	-	-	0	1.08	76	-	-		
FORTROSE	9 9	12	4.0	-2.0	1.0	-	9.0	15	-7.5	1	-	-	-	-	-	-	-	-	-	-	-	-	20	-	-	-	-	-	-	-	-		
GEISGILL	9 9	341	1.5	-6.5	-2.5	-	8.6	6	-15.1	13	-	99	103	12	1	27	24	18	31	0	0	0	1	29	31	29	0	0.31	-	-	-	S	
GLENMORE LODGE	9 9	229	1.3	-7.4	-3.1	-	8.0	6	-19.4	14	-	49	9	10	23	13	20	31	0	0	0	0	28	29	-	0	0.98	-	-	-	-		
GRANTOWN-ON-SPEY	9 9	109	3.6	-2.4	0.6	-	8.8	6	-9.2	1	-	154	30	15	18	17	18	18	0	2	1	0	22	29	-	0	-	-	-	-	-		
HEASTE	9 9	15	3.2	-3.5	-	-	8.5	6	-11.6	28	-	43	6	15	21	15	-	18	-	-	-	-	2	24	-	-	-	-	-	-	-		
INVERGORDON	9 9	4	3.2	-3.2	0.0	-	8.5	6	-10.0	14.15	-	41	83	10	17	11	13	8	20	0	0	0	0	23	-	-	0	1.08	-	-	-	-	
INVERNESS	9 9	14	4.0	-2.2	0.9	-	10.1	15	-7.6	1	-	160	124	2	23	11	19	-	20	-	-	-	0	20	30	-	-	-	-	-	-	S	
INVERPOLLY	9 9	5	4.7	-1.7	1.5	-	9.7	6	-8.6	1	2.8	5.5	237	105	36	6	21	21	10	18	0	8	3	0	23	26	-	3	-	-	-		
ISLE OF RHUM	9 9	30	3.3	-2.2	0.5	-	6.3	6	-8.5	28	1.9	3.6	69	11	28	25	18	15	15	1	4	0	0	21	23	-	3	0.92	-	-	-		
KEISS	9 9	244	1.7	-3.1	-0.7	-	6.9	6	-9.0	1	-	209	97	29	15	25	22	-	30	-	-	-	2	28	31	-	-	-	-	-	-		
KNOCKANPOCK	9 9	250	1.3	-8.4	-3.5	-	8.1	6	-23.5	14	-	66	11	25	23	17	25	30	0	0	0	0	28	30	-	0	-	-	-	-	-		
LAGGANLIA	9 9	107	2.0	-6.2	-2.1	-	7.8	6	-15.4	1	1.4	3.7	102	12	2	23	21	14	28	1	0	0	4	25	28	-	0	-	-	-	-		
LAIRG	9 9	146	2.0	-4.0	-1.0	-	9.0	6	-10.6	1	2.1	-	62	11	10	23	16	22	21	1	0	1	0	29	30	-	2	-	-	-	-		
LENTRAN	9 9	6	3.1	-3.7	-0.3	-3.1	9.2	6	-12.0	14	-	41	92	11	10	20	11	17	4	1	1	0	1	24	27	-	0	1.25	84	-	-		
NAIRN	9 9	15	3.8	-3.6	0.1	-3.4	9.0	6	-12.0	13	-	187	98	31	6	21	20	-	22	-	-	-	1	21	27	-	-	0.96	97	-	-		
ONICH	9 9	6	4.2	-1.7	1.3	-	9.7	6	-9.1	1	-	182	31	15	20	19	17	16	1	9	1	0	21	30	-	0	1.10	-	-	-	-	S	
POOLEWE	9 9	67	3.5	-2.1	0.7	-	8.9	6	-8.1	1	-	130	72	26	15	22	19	19	23	1	3	1	0	21	29	-	4	1.51	-	-	-		
PRABOST	9 9	107	2.6	-5.7	-1.5	-	9.9	6	-14.5	1	-	84	8	3	22	15	19	18	0	0	0	0	25	-	-	0	0	-	-	-	-		
STRATHCONON	21-9	18	2.9	-0.9	1.0	-2.2	8.6	6	-6.9	1.14	-	38	5	14	23	14	8	14	-	0	1	0	1	19	-	-	0	-	-	-	-		
TARBATNESS	9 9	311	1.3	-6.8	-2.7	-	1.7	7	6	-16.5	13	-	48	6	16	22	19	22	-	0	0	0	-	30	-	-	0	-	-	-	-		
TOMATIN	9 9	27	3.7	-2.2	0.7	-	9.5	6	-9.9	1	-	102	8	20	15	25	18	12	14	3	5	0	1	22	23	-	2	0.68	-	-	-	S	
TORRISDALE	21-9	36	3.2	-1.1	1.1	-2.0	7.6	6	-8.2	27	-	67	81	9	25	26	19	21	13	0	15	0	1	21	23	22	0	0.87	61	-	-		
WICK																																	



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

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JANUARY 1979

DISTRICT REGION/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	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE EXPOSURE				
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE																						
1 SCOTLAND E																																
GRAMPIAN																																
ABERDEEN																																
DYCE AIRPORT ...	21-9	58	2.6	-2.6	0.0	-2.3	7.3	7	-15.6	14	-	-	75	96	23	10	14	10	23	19	0	8	0	1	24	26	27	0	1.89	117	-	-
MANNOFIELD ...	9-9	52	3.1	-2.8	0.1	-2.4	7.3	6	-12.6	14.15	-	-	72	98	19	28	15	9	12	14	0	0	0	0	21	28	0	0	-	-	-	-
BALMORAL ...	9-9	283	1.9	-6.5	-2.3	-2.8	8.1	6	-16.5	28	-	-	56	73	9	28	20	16	20	31	0	0	0	0	28	31	0	0	-	-	-	-
BANCHORY ...	9-9	94	2.7	-3.7	-0.5	-	7.2	7	-12.9	14	-	-	69	-	17	10	17	13	22	24	0	3	0	0	24	26	26	0	1.91	-	-	-
BANFF ...	9-9	24	3.7	-1.0	1.3	-	8.3	6	-8.7	28	-	-	39	59	9	10	18	10	6	10	0	4	0	0	18	29	3	0	1.21	-	-	S
BREMAR ...	9-9	339	1.5	-7.4	-2.9	-3.3	6.9	6	-18.5	28	-	-	71	87	(18)	1	21	(17)	-	31	-	-	-	0	28	29	-	0	1.08	137	S	
CLASHNOIR ...	9-9	338	0.8	-6.1	-2.7	-	6.7	6	-14.4	1	0.8	-	85	-	19	10	23	18	25	29	2	0	1	0	29	31	8	0	1.12	-	-	
CRAIBSTONE ...	9-9	91	2.8	-2.6	0.1	-2.3	7.2	6	-10.2	15	1.5	3.5	78	98	22	10	15	12	12	21	0	0	0	2	22	26	-	0	1.95	116	-	
CULTERTY ...	9-9	3	3.0	-3.3	-0.1	-	5.9	7.31	-13.9	28	-	-	70	106	20	10	20	12	6	-	0	0	0	2	23	26	-	2	1.61	-	-	
ELGIN ...	9-9	15	3.4	(-2.5)	(0.5)	-	7.5	15	-9.5	28	-	-	46	81	9	10	25	12	22	16	0	5	0	1	23	30	-	0	1.33	-	-	
FOREHILL ...	9-9	40	3.2	-1.8	0.7	-	6.4	6	-8.3	28	-	-	52	-	13	10	20	10	12	0	1	0	0	22	25	-	1	0	-	-	-	
FORRES ...	9-9	5	3.1	-3.3	-0.1	-2.8	9.0	6	-11.6	14	1.1	3.5	46	-	12	10	17	11	16	19	0	7	0	1	23	29	-	0	1.12	70	S	
FRASERBURGH ...	21-9	19	3.8	-0.2	1.8	-	7.6	6	-6.1	1	-	-	40	63	13	10	18	11	14	11	0	0	0	1	17	21	21	3	0.79	-	-	
FYVIE CASTLE ...	9-9	55	2.8	-5.1	-1.1	-	7.5	6	-16.0	28	-	-	62	76	18	28	17	11	20	-	0	0	0	-	25	27	-	0	-	-	-	
GARTLY ...	9-9	146	2.6	-3.7	-0.5	-	8.8	6	-13.8	14	-	-	58	-	12	10	21	16	-	-	-	-	-	-	28	-	-	-	-	-	-	
GLENLIVET ...	21-9	215	1.5	-3.9	-1.2	-	8.5	6	-17.0	14	-	-	58	79	16	10	23	16	23	28	0	0	1	0	23	26	29	0	1.12	-	-	
INVERURIE ...	9-9	54	2.9	-4.7	-0.9	-	6.8	31	-16.8	14	-	-	66	-	18	10	17	13	17	26	0	0	0	1	25	27	-	0	1.62	-	-	
KEITH ...	9-9	106	2.5	-4.9	-1.2	-	8.6	6	-16.0	28	-	-	62	-	9	10	20	15	17	20	0	2	1	-	27	29	-	0	1.32	-	-	
KINLOSS ...	21-9	5	2.7	-2.2	0.3	-2.6	9.0	6	-10.5	14	2.4	-	41	89	11	10	20	12	22	18	0	4	0	1	25	27	25	0	1.25	-	-	
LOSSIEMOUTH ...	21-9	6	3.2	-1.8	0.7	-	8.9	6	-8.6	2	-	-	37	79	8	10	21	10	23	11	0	8	0	1	23	26	27	0	-	-	-	
STONEHAVEN ...	9-9	4	3.4	-2.8	0.3	-2.6	7.1	7	-12.2	28	-	-	59	80	18	28	15	13	13	14	0	0	0	2	22	-	1	1.69	105	-	-	
TAYSIDE																																
ARBROATH ...	9-9	29	3.4	-1.7	0.9	-	7.8	6	-8.4	14	-	-	31	54	12	9	8	7	3	12	0	0	0	1	21	26	-	0	2.15	122	-	
ARDALNAIG ...	9-9	130	2.5	-3.7	-0.6	-	7.8	6	-12.6	13	-	-	106	82	22	19	21	16	14	26	0	0	0	0	25	30	-	0	0.86	-	-	
DALL ...	9-9	232	1.5	-7.5	-3.0	-	8.5	6	-17.5	14	-	-	75	70	(13)	19	19	16	24	26	0	0	0	4	27	-	-	0	-	-	-	
DRUMMOND CASTLE ...	9-9	113	2.5	-4.8	-1.1	-	8.2	6	-13.7	13	1.8	-	70	-	13	20	16	12	8	25	0	0	0	-	27	31	-	0	1.60	-	-	
DUNDEE ...	9-9	45	2.9	-2.3	0.3	-2.3	7.7	7	-9.3	13	1.2	-	44	68	15	9	11	9	7	18	0	0	0	1	22	28	-	0	2.07	125	-	
FASKALLY ...	9-9	94	2.2	-5.0	-1.4	-	9.8	6	-13.0	14	1.1	3.9	62	76	14	19	19	13	16	30	0	0	0	0	26	30	-	0	-	-	-	
KINDROGAN ...	9-9	259	0.8	-7.7	-3.5	-	7.4	6	-22.0	13	-	-	61	-	(14)	19	20	13	20	30	0	2	0	1	30	31	-	0	-	-	-	
KINROSS ...	9-9	116	2.3	-4.6	-1.1	-	7.2	6	-16.1	13	1.1	-	56	-	11	9	12	12	-	15	-	-	-	0	26	31	-	0	1.37	-	-	
MONTROSE ...	9-9	57	2.7	-2.6	0.1	-	6.9	7	-10.5	14	-	-	43	67	14	9	15	9	14	17	4	1	0	0	22	28	-	0	-	-	-	
MYLNEFIELD ...	9-9	30	2.6	-3.3	-0.3	-	7.2	6	-11.3	14	1.6	4.6	47	79	11	9	11	8	9	18	0	0	0	3	24	28	-	0	2.00	-	-	
PERTH ...	9-9	23	3.0	-4.8	-0.9	-3.1	8.7	6	-14.9	13	-	-	51	73	13	19	(13)	(9)	-	16	-	-	-	0	24	-	-	-	-	-	-	
STRATHALLAN ...	9-9	41	2.8	-4.0	-0.6	-	9.0	6	-13.8	13	-	-	43	-	10	19	13	10	10	17	0	0	0	1	24	30	-	0	-	-	-	
USAN ...	21-9	30	2.9	-1.0	0.9	-	7.5	7	-8.8	13	-	-	33	-	(10)	9	(10)	(8)	4	12	0	1	0	0	21	22	23	2	2.15	-	-	
WHITEHILLOCKS ...	9-9	258	2.6	-4.1	-0.7	-	8.2	6	-12.8	1.28	-	-	90	78	(19)	28	17	15	18	25	0	0	0	1	25	-	2	0	-	-	-	
FIFE																																
BELLISTON ...	9-9	82	2.8	-2.0	0.4	-	7.5	6	-7.2	1	2.3	-	47	72	15	9	15	11	9	15	0	0	0	2	20	28	-	1	-	-	-	
CUPAR ...	9-9	36	2.6	-4.4	-0.9	-	7.6	6	-13.1	14	1.4	-	45	-	11	19	15	8	13	19	0	0	0	-	24	29	-	0	1.63	-	-	
LEUCHARS ...	21-9	10	2.6	-2.4	0.1	-2.8	8.1	6	-11.2	14	-	-	45	79	12	9	14	10	14	16	2	0	0	2	23	29	25	1	2.34	133	-	
PITREAVIE ...	21-9	40	2.3	-2.0	0.1	-	8.6	6	-12.4	13	-	-	46	77	14	9	16	11	12	14	0	3	0	2	22	25	25	0	-	-	-	
ST ANDREWS ...	9-9	18	3.2	-2.1	0.5	-	8.2	6	-8.4	14	1.3	4.2	42	69	7	19																



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

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DISTRICT REGION/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	DRY	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE	
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE																							
6 SCOTLAND W																																	
STRATHCLYDE																																	
ACHAHLACHGACH ...	9 9	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
AROS ...	9 9	37	-	-2.6	-	-	-	-	-10.0	1	-	-	-	-	16	14	18	17	-	16	-	-	-	-	-	25	28	-	-	-	-	-	
AUCHINCUIVE ...	9 9	45	3.6	-2.5	0.5	-2.9	9.0	6	-11.7	1	2.4	4.5	75	90	17	1	20	15	16	16	1	0	0	0	23	28	-	-	0	1.66	109	-	
BENMORE (YOUNGER BOTANIC GARDEN) ...	9 9	12	3.1	-2.8	0.1	-	9.8	6	-9.7	1	1.9	-	202	86	33	6	23	19	13	24	0	3	0	1	25	30	0	0	-	-	-	-	
BRODICK CASTLE ...	9 9	15	4.8	-0.8	2.0	-	9.9	6	-7.8	1	2.6	-	169	97	28	28	24	21	18	16	2	1	1	0	19	25	0	0	0	-	-	-	
CAMPS RESERVOIR ...	9 9	295	1.1	-5.8	-2.3	-	7.6	6	-15.8	14	-	-	91	82	23	19	18	13	14	26	0	1	0	0	2	29	30	0	0	0	-	-	
CARNWATH ...	9 9	208	1.3	-6.5	-2.6	-	7.6	6	-24.6	13	2.2	-	55	80	17	9	17	10	16	26	1	0	0	1	28	30	0	0	0	-	-	-	
CATBRIDGE ...	9 9	66	2.5	-4.1	-0.8	-	8.2	6	-15.0	13	-	-	57	78	15	9	13	11	-	-	-	-	-	-	26	-	-	-	-	-	-	-	
COLONSAY ...	9 9	35	4.9	-0.5	2.2	-	9.0	6	-9.0	1	-	-	124	-	30	1	25	24	15	4	5	2	1	1	14	-	-	-	-	-	-	-	
CRAIGHOUSE ...	9 9	4	5.1	-0.2	2.5	-	9.5	6	-7.2	1	-	-	218	-	30	1	24	23	15	6	2	1	2	0	15	22	-	-	-	-	-	-	
CRAWFORD JOHN ...	9 9	274	1.2	-5.7	-2.3	-	7.4	6	-21.0	14	2.2	-	-	-	-	-	16	25	0	0	0	0	1	28	29	-	-	0	0	1.57	-	-	
CUMNOCK ...	9 9	99	2.7	-4.8	-1.1	-	9.0	6	-13.9	13	1.5	-	78	-	111	19	18	16	16	19	0	1	0	3	26	30	0	0	0	1.34	-	-	
DUNSTAFFRAGE ...	9 9	3	4.3	-2.1	1.1	-	9.5	6	-7.5	1	-	-	141	-	18	9	20	17	14	19	0	0	1	2	21	23	-	-	2	-	-	-	
EAST KILBRIDE ...	9 9	178	2.2	-3.7	-0.7	-	7.6	6	-14.5	13	-	-	84	-	22	9	16	13	10	24	0	0	0	0	27	30	0	0	0	1.99	-	-	
GIRVAN ...	9 9	8	4.7	-1.3	1.7	-	9.3	15	-6.9	13	-	-	120	120	25	28	19	16	7	5	0	0	0	0	20	24	-	-	1	1.49	-	-	
GLASGOW																																	
ABBOTSINCH AIRPORT ...	21-9	5	2.9	-3.3	-0.2	-3.3	9.9	6	-16.5	13	-	-	87	-	14	9	19	14	17	13	0	2	0	4	24	26	27	0	1.53	133	-	-	
SPRINGBURN PARK ...	9 9	107	2.3	-3.0	-0.3	-2.6	8.1	6	-14.5	13	-	-	67	72	17	9	17	13	16	19	0	1	0	6	25	30	0	0	0	-	-	-	
WEATHER CENTRE (X) ...	21-9	40	3.2	-0.7	1.3	-	9.0	6.7	-11.3	13	-	-	62	-	15	9	15	13	16	-	0	0	0	0	15	-	0	0	0	1.75	-	-	
GREENOCK ...	9 9	61	-	-	-	-	-	-	-	-	-	-	88	55	14	6	13	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HELENSBURGH ...	9 9	96	2.6	-3.6	-0.5	-3.2	8.3	6	-10.0	14	-	-	125	85	17	6	23	16	-	23	-	-	-	1	26	-	-	-	-	1.70	-	-	
HUNTERSTON ...	9 9	8	4.7	-0.6	2.1	-	9.8	6	-7.1	1	-	-	91	-	19	1	20	17	17	12	0	2	0	0	16	-	0	0	0	-	-	-	
KILDONAN ...	9 9	18	4.8	0.9	2.9	-	9.0	6	-4.4	1	-	-	113	-	22	1	26	17	11	2	0	0	0	0	7	21	20	1	1.64	-	-	-	
KILMARNOCK ...	9 9	34	3.1	-3.4	-0.1	-	7.6	15	-12.3	13	2.5	5.1	-	-	-	-	-	-	13	-	-	-	-	-	23	-	-	-	-	-	-	-	
KNAPDALE FOREST ...	9 9	12	4.0	-3.2	0.4	-	9.2	6	-12.0	1	-	-	208	-	25	1	22	21	17	20	0	1	0	0	23	25	-	0	-	-	-	-	
LEADHILLS ...	9 9	388	0.8	-5.2	-2.2	-	6.5	6	-14.1	1	-	-	108	73	12	1	21	18	20	26	0	0	0	0	28	30	3	-	-	-	-	-	
MACHRIHANISH ...	21-9	10	4.6	0.0	2.3	-	9.8	15	-8.8	1	-	-	138	116	28	19	24	20	17	5	1	12	1	0	17	25	24	1	1.38	-	-	-	
MILLPORT ...	9 9	5	5.0	0.0	2.5	-	9.8	6	-4.5	1	-	-	100	90	27	1	21	16	11	-	0	1	0	0	11	-	2	-	-	-	-	-	
PAISLEY ...	9 9	32	3.3	-2.6	0.3	-3.1	9.5	6	-13.9	13	1.8	5.6	97	90	20	9	18	15	14	14	0	0	0	3	24	27	0	0	0	1.45	137	-	
PRESTWICK ...	21-9	16	3.1	-2.1	0.5	-	9.3	6	-12.2	1	-	-	80	99	18	1	21	13	20	16	0	5	0	0	23	27	27	0	0	0	1.72	-	-
RHUVAAL ...	21-9	20	4.8	1.5	3.1	-	9.6	6	-5.0	1	-	-	155	117	16	19	26	23	15	3	2	0	2	0	7	20	20	3	-	-	-	-	
ROTHESAY ...	9 9	43	3.9	-0.7	1.6	-	9.0	6	-7.0	1	2.3	4.5	103	78	16	1	19	18	9	16	0	0	0	0	18	-	0	0	0	-	-	-	
STRONACHULLIN ...	9 9	2	4.7	-1.7	1.5	-	9.5	6	-8.6	1	-	-	-	-	-	-	-	-	8	15	0	0	0	1	24	28	0	0	0	-	-	-	
TREE ...	21-9	9	5.0	0.7	2.9	-2.2	9.7	6	-5.9	1	-	-	135	118	22	1	25	22	14	13	2	13	1	0	10	20	20	5	1.18	87	-	-	
UPHAMOOR ...	9 9	128	2.1	-4.2	-1.1	-	7.7	6	-15.4	1	-	-	135	-	18	6	22	15	20	21	0	1	0	0	26	28	-	0	-	-	-	-	
CENTRAL																																	
ARROCHYNDRE ...	9 9	30	3.4	-4.0	-0.9	-	8.9	6	-12.3	5	-	-	143	-	37	19	20	18	10	18	0	0	0	0	0	-	0	0	0	1.26	-	-	-
CALLANDER ...	9 9	107	2.3	-4.0	-0.9	-	7.1	6	-12.3	5	-	-	117	83	16	5	16	16	12	21	0	0	0	0	25	28	-	0	0	0	-	-	
EARLS HILL ...	21-9	335	0.5	-4.0	-1.7	-	6.2	6	-11.6	1	-	-	125	-	31	9	19	16	12	-	0	0	1	6	28	29	29	6	1.96	-	-	-	
FALKIRK ...	9 9	3	3.1	-3.5	-0.2	-	8.5	6.7	-16.0	13.14	-	-	59	-	14	19	17	13	16	14	1	0	0	0	23	-	0	0	0	1.68	-	-	-
PARKHEAD ...	9 9	107	3.4	-3.5	-0.1	-	9.1	6	-15.0	13	1.7	4.4	59	-	15	19	17	13	16	14	1	0	0	0	24	-	-	-	-	-	-	-	
STIRLING (BATTERFLATS) ...	9 9	38	3.1	-4.5	-0.7	-	9.3	6	-17.1	13	2.3	4.4	59	-	13	9	16	12	11	15	0	0	0	1	26	27	-	0	1.63	-	-	-	
DUMFRIES & GALLOWAY																																	



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

JANUARY 1979

DISTRICT REGION/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	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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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TABLE 3 SUMMARY OF DAILY OBSERVATIONS

JANUARY 1979

DISTRICT REGION/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	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	2.1	-3.7	-0.8	-3.5	8.6	7	-10.0	28	2.1	4.7	74	87	25	19	19	14	13	26	0	0	0	2	28	30	31	0	1.37	130	S	
BRAMHAM ...	9 9	54	1.9	-5.4	-1.7	-	9.4	7	-13.1	28	-	-	60	99	19	19	18	11	10	21	0	0	0	4	31	31	0	-	-	-	-	
HUDDERSFIELD(OAKES)	21-9	232	1.5	-2.9	-0.7	-3.2	7.5	7	-9.6	1	1.3	3.7	101	101	46	19	23	14	20	25	0	2	0	3	28	29	27	0	-	-	-	
ILKLEY ...	9 9	83	2.4	-4.1	-0.9	-3.6	9.0	7	-10.8	28	-	-	95	114	24	19	16	14	17	27	0	0	0	4	27	28	0	1.58	119	-	-	
PONTEFRAC ...	9 9	78	2.6	-2.7	-0.1	-3.1	9.9	7	-8.9	28	-	-	45	93	22	19	14	8	14	22	0	0	0	4	25	28	0	-	-	-	-	
TODMORDE ...	9 9	160	2.1	-3.7	-0.8	-	8.0	7	-9.9	1	-	-	88	-	14	31	17	16	19	21	0	3	0	2	27	30	30	0	-	-	-	-
WILSDEN ...	9 9	262	1.4	-4.4	-1.5	-	7.7	7	-10.5	6	-	-	82	-	15	19	16	13	15	27	0	1	0	5	29	30	30	0	-	-	-	-
SOUTH YORKSHIRE																																
FINNINGLEY	21-9	10	2.3	-2.9	-0.3	-	9.7	7	-11.3	2	-	-	49	103	16	19	14	9	14	21	0	5	0	2	24	28	25	0	1.88	-	-	-
SHEFFIELD																																
DORE ...	9 9	206	2.1	-3.1	-0.5	-	8.5	7	-8.2	1	-	-	98	-	36	19	20	14	18	26	0	0	0	4	27	30	-	0	-	-	-	-
WESTON PARK ...	9 9	131	2.5	-2.3	0.1	-3.3	9.2	7	-7.9	28	2.0	4.8	82	102	26	19	19	14	13	26	0	0	0	-	24	29	-	0	1.80	146	S	
DERBYSHIRE																																
ASHOVER ...	9 9	178	2.0	-3.7	-0.9	-	8.0	7	-11.5	28	-	-	89	-	27	19	19	12	18	28	0	0	0	6	27	29	-	0	2.08	-	-	-
BARBROOK ...	9 9	323	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BUXTON ...	9 9	307	1.2	-4.5	-1.7	-3.4	7.4	7	-13.6	28	0.6	2.7	103	77	15	19	18	18	18	27	0	0	0	6	29	29	-	0	-	-	-	S
DERBY ...	9 9	48	2.7	-3.6	-0.5	-	9.0	7	-11.5	3	-	-	65	113	15	19	19	11	14	18	0	0	0	3	25	30	-	0	1.80	-	-	S
WINGERMOUTH	9 9	116	2.0	-4.5	-1.3	-	9.0	7	-15.2	28	2.1	-	73	-	24	19	19	15	14	25	0	0	0	6	26	31	-	0	1.97	-	-	-
NOTTINGHAMSHIRE																																
MANSFIELD ...	9 9	114	2.4	-2.9	-0.3	-3.1	7.8	7	-8.8	5	-	-	63	-	20	19	21	11	13	20	0	0	0	3	26	(29)	-	0	-	-	-	-
NENTHORPE ...	9 9	58	(2.9)	(-4.2)	(-0.7)	-	9.0	7	-12.0	3.27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NOTTINGHAM	9 9	59	2.8	-2.7	0.1	-3.2	7.4	8	-10.0	1	1.5	3.7	50	93	11	29	18	12	15	17	0	0	0	4	24	29	-	0	1.93	160	-	-
SUTTON BONINGTON	9 9	48	3.1	-4.7	-0.8	-3.7	9.0	7.8	-16.2	3	2.8	4.9	42	78	6	29	19	13	12	17	0	0	0	2	28	29	29	0	1.64	121	-	-
WARSOP ...	9 9	46	2.4	-4.8	-1.2	-	8.1	7	-14.4	5	-	-	50	92	16	19	12	11	7	21	0	0	0	7	24	30	-	0	1.80	-	-	-
WATNALL ...	21-9	117	2.2	-2.6	-0.2	-3.1	8.4	7	-9.8	28	-	-	65	98	11	19	19	12	17	19	0	7	0	3	26	30	27	0	2.07	159	-	-
STAFFORDSHIRE																																
KEELE ...	9 9	179	1.7	-3.4	-0.9	-	8.1	7	-9.7	28	1.5	4.7	55	77	11	19	20	13	17	26	0	2	0	4	28	29	28	0	1.51	-	-	-
OAKEN ...	9 9	125	2.0	-4.0	-1.0	-3.7	8.3	7	-11.6	28	2.6	-	77	128	25	19	23	16	14	23	0	0	0	3	28	30	-	0	-	-	-	S
PENKRIE ...	9 9	101	2.6	-4.4	-0.9	-	8.5	7	-11.2	1	-	-	67	113	23	19	19	13	12	16	0	0	0	5	28	30	-	0	1.55	-	-	-
STONE ...	9 9	107	1.6	-4.5	-1.5	-	7.6	7	-11.6	3	-	-	64	97	16	19	21	13	16	24	0	0	0	3	28	30	-	0	1.29	-	-	-
LEICESTERSHIRE																																
CALDECOTT ...	9 9	53	2.1	-4.6	-1.3	-	7.9	7	-13.8	3	-	-	57	117	9	19	16	14	16	18	0	0	0	7	26	30	-	0	1.78	-	-	-
NEWTOWN LINCOLN	9 9	119	2.0	-4.0	-1.0	-	7.5	7	-12.7	27	-	-	53	89	8	19	18	15	13	18	0	0	0	5	26	27	-	0	2.17	-	-	-
SALOP																																
HAMPTON LODGE ...	9 9	70	2.9	-4.3	-0.7	-	9.8	7	-12.0	13	-	-	72	-	31	19	17	14	-	-	-	-	-	25	-	-	-	-	1.57	-	-	-
NEWPORT ...	9 9	64	2.5	-4.8	-1.1	-3.8	9.1	7	-13.5	5	-	-	67	121	27	19	19	10	20	22	0	0	0	2	27	30	-	0	1.81	132	S	
OSWESTRY ...	9 9	174	2.7	-3.4	-0.3	-3.4	8.8	6	-12.0	28	-	-	43	49	7	9	18	11	16	24	0	0	0	1	24	30	-	0	2.06	126	S	
PRESTON MONTFORD	9 9	67	2.8	-3.7	-0.5	-	9.3	7	-12.5	28	1.3	4.0	41	-	15	19	20	12	7	23	0	0	0	1	26	31	-	0	1.59	-	-	S
SHAWBURY ...	21-9	72	2.5	-3.5	-0.5	-3.7	11.5	7	-14.5	28	-	-	45	81	19	19	21	10	15	21	0	5	0	2	24	30	27	0	1.84	121	-	-
SHREWSBURY	9 9	55	2.9	-3.7	-0.4	-3.7	9.6	7	-12.7	28	2.0	4.6	42	80	12	19	17	11	10	21	0	0	0	2	25	28	-	0	1.84	116	-	-
WEST MIDLANDS																																
BIRMINGHAM																																
EDGBASTON ...	21-9	163	1.9	-1.8	0.1	-3.2	8.0	7	-8.0	1	3.3	-	76	113	26	19	23	15	17	25	0	2	0	5	27	27	27	0	1.96	142	-	-
ELMDON AIRPORT	21-9	96	2.1	-3.4	-0.7	-3.8	8.3	7	-14.5	28	-	-	53	-	17	19	20	12	18	22	0	5	0	3	25	26	26	0	1.93	136	-	-
KING EDWARD'S SCHOOL	9 9	137	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COVENTRY AIRPORT	9 9	81	2.2	-4.9	-1.3	-	8.0	7	-14.9	27	3.4	4.7	46	-	8	25	20	13	6	19	0	0	0	4	28	-	-	0	1.50	-	-	-
WARWICKSHIRE																																
LUDDINGTON ...	9 9	56	2.5	-4.2	-0.9	-	8.5	7	-13.2	28	-	-	50	-	15	19	19	12	11	21	0	0	0	3	27	30	-	0	1.65	-	-	-
MORETON MORRELL	9 9	85	2.3	-4.1	-0.9	-	8.9	7	-15.1	28	-	-	62	117	15	19	21	15	9	5	0	0	0	3	26	29	-	0	1.45	-	-	-
RUGBY ...	9 9	117	2.0	-4.3	-1.1	-4.0	7.8	7	-14.0	28	0.9	4.0	51	93	13	19	20	16	10	17	0	0	0	-	28	28	29	0	-	-	-	-
SHIPSTON-ON-STOUR	9 9	111	2.5	-3.6	-0.5	-3.6	9.0	7	-12.9	13	2.6	-	59	102	12	19																



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

JANUARY 1979

DISTRICT REGION/COUNTY AND PLACE	MAX. TERMINAL (HGMT) OF OBSERVATION	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 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	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)																													
5 ENGLAND SE & CENTRAL S.																																		
GREATER LONDON																																		
BROMLEY ...	9 9	65	(3.6)	(-2.1)	(0.7)	(-3.0)	8.5	8	(-7.5)	1	-	-	71	(130)	10	22.25	17	(113)	-	-	-	-	-	(22)	-	-	-	-	-	-	-	-	-	
ENFIELD ...	9 9	17	3.9	-2.1	0.9	-	8.9	8	-7.7	1	4.0	7.4	74	(144)	10	19	(21)	(114)	9	-	0	0	0	-	24	-	-	-	-	-	-	-	-	
GREENWICH ...	9 9	7	(4.0)	(-1.8)	(1.1)	-	9.1	8	-7.1	3	-	-	57	118	8	25	20	12	8	20	0	0	0	-	(23)	(25)	-	-	-	-	-	-	-	
HAMPSTEAD ...	9 9	137	(3.1)	(-2.4)	(0.3)	(-2.8)	(8.0)	8	-7.2	1.2	-	-	(81)	(144)	(12)	25	(18)	(115)	13	20	0	0	0	-	(24)	(28)	-	-	-	-	-	-	-	
HAMPTON ...	9 9	12	3.8	-2.2	0.8	-3.1	8.4	8	-8.2	2	-	-	56	110	7	9	21	13	6	8	0	0	0	1	22	29	-	-	-	-	-	-	-	
HARROW WEALD ...	9 9	98	(3.3)	-	-	-	(8.5)	7.8	-	-	4.0	6.4	(73)	11	19	(19)	(115)	14	13	0	0	0	-	-	-	-	-	-	-	-	-	-	-	
HEATHROW AIRPORT ...	21-9	25	3.5	-1.7	0.9	-2.8	8.5	8	-7.5	1	-	-	60	115	7	28	19	14	-	14	13	0	4	0	0	23	25	25	0	1.89	-	-	-	-
KENSINGTON PALACE ...	9 9	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
KEN	21-9	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
PSYCHROMETER ...			3.5	-1.8	0.9	-	8.7	8	-8.9	3	3.1	6.4	61	125	7	7	19	14	12	14	0	4	0	1	23	25	25	0	1.82	118	-	-	-	
NORTH MALL SCREEN ...			3.5	-0.8	1.3	-2.9	8.8	8	-6.7	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
LONDON																																		
WEATHER CENTRE (X)	21-9	77	4.5	0.5	2.5	-	9.4	8	-6.4	1	-	-	54	-	8	25	20	12	14	9	0	4	0	1	15	-	-	-	0	1.89	164	-	-	
ST JAMES'S PARK ...	9 9	9	4.1	-1.1	1.5	-3.0	9.0	8	-6.4	1	-	-	66	133	8	25	21	14	-	13	-	-	-	-	23	27	-	-	-	-	-	-	-	
SOUTH ORTE ...	9 9	67	(3.6)	(-2.4)	(0.6)	(-2.9)	8.2	8	-8.6	1	-	-	71	131	12	25	19	13	11	12	0	0	0	-	(24)	-	-	-	0	1.72	135	-	-	
WADDON ...	9 9	59	(3.9)	(-2.1)	(0.9)	(-2.8)	9.0	8	-8.0	1	-	-	74	127	11	9	17	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MILTSIRE																																		
BOSCOMBE DOWN ...	21-9	126	2.8	-2.6	0.1	-3.2	7.8	7	-10.9	1	2.9	6.4	60	83	9	9	16	13	14	15	0	6	1	4	27	26	25	1	2.59	151	-	-	-	
LACOCK ...	9 9	49	3.4	(-4.9)	(-0.7)	-	8.4	7	-13.0	3	-	-	56	(87)	(15)	22	(18)	(13)	-	14	-	-	-	-	7	26	28	-	-	-	-	-	-	
LARKHILL ...	9 9	132	3.3	-4.1	-0.4	-3.5	8.2	7	-11.2	27	-	-	64	90	12	9	15	13	13	14	0	5	0	4	27	30	29	0	-	-	-	-	-	
LYNEHAM ...	21-9	145	2.3	-2.5	-0.1	-3.2	7.6	7	-9.6	1	-	-	55	84	11	31	15	12	14	20	0	2	0	6	27	28	28	0	2.49	-	-	-	-	
PORTON ...	9 9	111	3.2	-4.1	-0.5	-3.6	7.8	7	-11.2	1	2.1	-	61	82	13	9	15	13	-	15	-	-	-	2	25	27	27	0	2.25	126	-	-	-	
TROWBRIDGE ...	9 9	37	3.4	-5.0	-0.8	-	8.3	7	-13.3	24	2.7	-	66	-	14	22	14	12	13	18	0	0	0	6	27	28	-	0	-	-	-	-	-	
UPVON ...	21-9	179	2.4	-2.6	-0.1	-	7.2	7.8	-11.4	1	-	-	60	87	10	22	19	12	13	18	1	3	0	6	27	27	26	1	-	-	-	-	-	
BERKSHIRE																																		
EASTHAMPTON ...	9 9	77	3.1	-4.5	-0.7	-	8.3	7	-12.2	6	3.2	5.4	60	-	10	9	18	12	14	17	0	2	0	2	25	26	27	0	2.07	-	-	-	-	
HURLEY ...	9 9	43	3.1	-3.5	-0.2	-	8.0	7.8	-11.8	3	2.3	-	59	93	9	9	22	14	10	15	0	0	0	5	24	27	-	0	1.59	-	-	-	-	
LANBURN (WARREN FARM)	9 9	192	1.9	-3.7	-0.9	-	7.2	7	-10.8	28	2.7	-	54	-	7	9	(20)	(14)	11	26	0	0	0	-	(28)	-	-	0	-	-	-	-	-	
READING ...	9 9	66	3.3	-3.3	0.0	-	8.0	7	-9.8	3	3.0	5.6	51	-	8	9	17	14	9	14	0	0	0	5	24	29	28	0	2.17	-	-	-	-	
SHINFIELD (N.I.R.D.)	9 9	62	3.2	-3.6	-0.2	-	8.0	7.8	-11.6	3	-	-	51	-	8	9	17	12	10	12	0	0	0	12	24	28	-	0	1.87	-	-	-	-	
SURREY																																		
MICKLEHAM ...	9 9	55	-	-4.3	-	-	-	-	-14.2	1	2.9	5.6	70	103	12	9	13	12	10	17	0	0	0	2	24	28	-	0	-	-	-	-	-	
WISLEY ...	9 9	32	3.8	-3.1	0.3	-3.2	8.9	8	-11.8	1	2.9	5.5	65	116	11	9	18	13	9	15	0	0	0	7	23	27	-	0	1.78	119	-	-	-	
KENT																																		
DOVER R.M.S. ...	9 9	123	-	-2.1	-	-	-	-	-7.9	6	-	-	87	111	16	29	18	14	10	18	0	0	1	3	26	27	-	2	-	-	-	-	-	
DUNGENESS ...	9 9	6	4.2	-1.8	1.2	-	8.2	8	-10.7	3	-	-	85	130	13	8	19	11	13	6	2	0	1	0	18	-	-	-	3	-	-	-	-	
EAST MALLING ...	9 9	52	3.6	-2.6	0.5	-2.8	8.6	8	-11.0	6	2.2	4.7	56	94	9	25	19	10	12	15	0	0	0	4	25	27	27	0	2.00	129	-	-	-	
EDENBRIDGE ...	9 9	45	3.3	-4.6	-0.7	-	8.5	8	-13.4	3	-	-	70	-	10	9.28	17	14	-	-	-	-	-	-	28	-	-	-	-	-	-	-	-	
ELNSTONE ...	9 9	5	3.7	-2.8	0.5	-	8.8	8	-12.3	3	-	-	68	120	13	9	20	12	10	10	0	0	0	1	23	-	-	0	-	-	-	-	-	
FAVERSHAM ...	9 9	48	3.2	-2.2	0.5	-	8.4	8	-11.0	6	2.5	5.2	61	105	13	9	21	15	7	12	0	0	0	5	22	(28)	-	0	2.25	-	-	-	-	
FOLKESTONE ...	9 9	31	3.9	-2.4	0.7	-	8.0	8	-10.2	3	-	5.6	85	129	19	29	18	12	12	14	2	0	0	2	24	27	-	3	2.39	123	-	-	-	
GILLINGHAM ...	9 9	3	(3.7)	(-1.8)	(0.9)	-	9.0	8	-9.0	6	-	-	65	125	10	25	21	17	-	-	-	-	-	-	(20)	-	-	-	-	-	-	-	-	
GOUDHURST ...	9 9	85	2.7	-3.3	-0.3	-3.2	7.9	8	-12.2	6	-	-	77	94	13	9	20	12	12	15	0	0	0	3	25	26	-	0	-	-	-	-	-	
HADLOW COLLEGE ...	9 9	27	3.7	-3.5	0.1	-	8.6	8	-13.5	6	2.6	5.7	73	-	10	22	22	14	5	13	1	0	0	2	26	30	-	0	-	-	-	-	-	
HERNE BAY ...																																		



DISTRICT REGION/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 (MM)	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
7A ENGLAND NW & I.O.M.																												
CUMBRIA																												
CARTMEL ...	21-9	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ESKMEALS ...	9-9	35	3.3	-4.4	-0.5	-	-	9.6	7	-12.9	2	-	-	113	-	44	6	16	14	-	-	-	-	-	-	-	-	-
GRIZEDALE ...	9-9	8	4.7	-2.1	1.3	-	-	8.4	7	-9.6	27	-	-	110	-	38	19	17	13	-	-	-	-	-	-	-	-	-
MODOR HOUSE ...	9-9	91	2.9	-5.9	-1.5	-	-	8.4	6	-13.1	5	2.0	-	-	-	-	-	16	26	-	-	-	-	-	-	-	-	
NEWTON RIGG ...	9-9	556	-0.8	-6.9	-3.9	-	-	4.6	6.7	-15.9	13	1.2	379	189	61	28	22	20	10	30	-	-	-	-	-	-	-	
SELLAFIELD ...	9-9	171	2.4	-4.8	-1.2	-3.5	-	8.2	6.7	-14.8	13	1.2	47	48	11	9	14	10	11	25	-	-	-	-	-	-	-	
LANCASHIRE																												
AUGHTON ...	21-9	54	2.6	-1.5	0.5	-	-	8.2	7	-7.8	1	1.8	78	-	19	19	17	15	16	20	-	-	-	-	-	-	-	
HAZELRIGG ...	9-9	95	3.1	-2.4	0.3	-	-	7.9	6.7	-8.1	1	1.6	122	-	35	19	18	13	18	21	-	-	-	-	-	-	-	
HELMESHORE ...	9-9	260	1.2	-3.5	-1.1	-	-	6.6	7	-8.8	1	2.4	112	78	17	19	19	17	19	10	27	-	-	-	-	-	-	
KIRKHAM ...	9-9	24	2.8	-3.2	-0.2	-	-	7.9	7	-11.9	5	-	89	107	17	26	19	14	12	12	-	-	-	-	-	-	-	
MORECAMBE ...	9-9	7	3.2	-2.3	0.5	-3.1	-	7.6	6	-7.7	2	-	77	88	21	6	16	10	5	11	-	-	-	-	-	-	-	
PRESTON ...	9-9	33	2.9	-2.9	0.0	-	-	8.4	7	-10.3	5	-	93	106	15	1	19	15	11	14	-	-	-	-	-	-	-	
SLIDBURN ...	9-9	192	1.8	-3.9	-1.1	-	-	8.3	7	-10.3	5	-	112	74	33	6	20	13	15	27	-	-	-	-	-	-	-	
SQUIRES GATE AIRPORT	21-9	10	3.1	-2.1	0.5	-3.1	-	7.3	7	-11.3	27	-	74	100	13	19	19	15	15	10	-	-	-	-	-	-	-	
MERESIDE																												
RIGBORTH ...	9-9	12	3.7	-1.6	1.1	-	-	9.1	7	-6.6	1	-	64	-	11	19	18	13	11	16	-	-	-	-	-	-	-	
BIGSTON ...	9-9	60	3.4	-1.3	1.1	-	-	9.4	6	-5.7	28	-	64	104	14	19	16	14	12	12	-	-	-	-	-	-	-	
ST HELENS	9-9	76	2.8	-3.0	-0.1	-	-	8.6	6	-8.3	1	1.1	77	-	11	31	17	16	14	-	-	-	-	-	-	-	-	
SOUTHPORT	9-9	5	3.3	-2.8	0.3	-3.2	-	9.0	7	-9.0	28	-	79	110	21	19	17	14	-	-	-	-	-	-	-	-	-	
WEST KIRBY PARK	9-9	7	-	-	-	-	-	-	-	-	-	-	44	67	7	11	20	13	-	-	-	-	-	-	-	-	-	
GREATER MANCHESTER																												
BOLTON	9-9	107	2.2	-4.0	-0.9	-	-	7.0	7	-10.0	3.28	2.4	4.3	98	-	14	1	18	17	16	28	-	-	-	-	-	-	
MANCHESTER																												
RINGWAY AIRPORT	21-9	75	2.4	-1.9	0.3	-3.0	-	8.2	7	-12.0	13	-	61	86	11	31	18	14	20	17	-	-	-	-	-	-	-	
WEATHER CENTRE (X)	21-9	69	3.5	-0.5	1.5	-	-	8.0	7	-6.6	1	-	61	-	11	31	19	14	20	-	-	-	-	-	-	-	-	
CHESHIRE																												
KNUTSFORD ...	9-9	65	2.6	-3.2	-0.3	-	-	7.6	7	-10.5	13.14	1.6	3.7	62	85	11	1	22	18	12	17	-	-	-	-	-	-	
MACCLESFIELD ...	9-9	152	( 2.1 )	( -3.2 )	( -0.5 )	( -3.2 )	-	7.2	7	-10.0	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NESS GARDENS ...	9-9	30	3.4	-2.7	0.3	-	-	9.6	6	-8.2	28	2.0	-	54	86	20	19	18	10	17	19	-	-	-	-	-	-	
ISLE OF MAN																												
DOUGLAS ...	9-9	85	4.8	0.3	2.5	-2.1	-	9.4	7	-6.5	1	-	117	100	25	19	20	15	12	3	-	-	-	-	-	-	-	
POINT OF AYRE	21-9	9	5.0	1.2	3.1	-2.1	-	10.2	15	-4.4	5	-	87	109	21	19	18	14	8	3	-	-	-	-	-	-	-	
RONALDSWAY AIRPORT	21-9	16	5.2	1.4	3.3	-1.8	-	10.3	7	-7.3	1	-	96	106	25	19	20	14	12	1	-	-	-	-	-	-	-	
7B WALES N																												
GWYNEDD																												
BALA ...	9-9	163	3.3	-3.6	-0.1	-	-	9.0	7	-13.0	28	1.8	4.2	97	69	18	9	19	15	16	18	-	-	-	-	-	-	
BAROSEY ISLAND ...	21-9	15	5.9	2.6	4.3	-	-	10.3	6.7	-3.2	1	-	96	105	17	28	20	15	8	1	-	-	-	-	-	-	-	
BETHS-Y-COED ...	9-9	20	4.0	-2.6	0.7	-	-	10.7	7	-8.8	28	1.3	-	101	-	17	9	20	16	3	9	-	-	-	-	-	-	
BOTHNNOG ...	9-9	34	( 5.5 )	0.3	( 2.9 )	-	-	10.6	7	-5.5	1	2.9	6.4	110	98	24	28	20	18	7	1	-	-	-	-	-	-	
CWMYSTADLLYN ...	9-9	204	( 4.1 )	( -1.1 )	( 1.5 )	-	-	8.5	6	-6.0	1	-	169	-	28	6	19	18	-	-	-	-	-	-	-	-	-	
LLYN ALAM ...	9-9	44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
PEN-Y-FFRIDD ...	9-9	84	5.0	-0.4	2.3	-	-	8.9	7.15	-4.8	1	-	124	118	18	28	16	16	7	10	-	-	-	-	-	-		
TRANSFYNYDD ...	9-9	193	3.6	-	-	-	-	9.0	6	-	-	-	154	87	23	31	17	17	-	13	-	-	-	-	-	-		
VALLEY ...	21-9	10	5.5	1.5	3.5	-1.7	-	9.7	6	-3.1	13	-	100	111	19	28	17	16	12	1	-	-	-	-	-	-	-	
CLWYD																												
ALWEN ...	9-9	335	-	-	-	-	-	-	-	-	-	-	106	81	50	29	15	12	-	-	-	-	-	-	-	-	-	
BWLCHWYN ...	9-9	386	1.0	-4.1	-1.5	-	-	7.5	7	-9.5	1.2	2.3	-	116	107	27	28	19	11	16	27	-	-	-	-	-	-	
COLWYN BAY ...	9-9	18	4.5	-0.1	2.2	-	-	10.7	6	-5.4	5	2.5	-	72	94	15	9	19	15	6	3	-	-	-	-	-	-	
CORKEN ...	9-9	144	3.1	-4.6	-0.7	-	-	9.5	7	-16.2	28	-	-	80	72	17	19	21	13	16	22	-	-	-	-	-	-	
HAWARDEN BRIDGE ...	9-9	5	3.7	-2.3	0.7	-3.2	-	10.4	6.7	-9.3	28	-	-	61	94	21	19	19	13	15	18	-	-	-	-	-	-	
LOGGERHEADS ...	9-9	210	2.7	-5.1	-1.2	-	-	9.1	7	-15.9	1	2.7	4.3	64	77	16	19	17	16	15	26	-	-	-	-	-	-	
PRESTATYN ...	9-9	4	4.7	-0.7	2.0	-2.7	-	10.2	6	-6.0	5.6	-	-	58	96	13	19	19	12	10	4	-	-	-	-	-	-	
RUTHIN ...	9-9	76	3.9	-2.8	0.5	-	-	10.1	6.7	-10.7	28	-	-	55	78	12	19	18	11	11	25	-	-	-	-	-	-	
PONYS (NORTH)																												
FORDEN ...	9-9	91	3.3	-4.8	-0.7	-	-	9.0	7	-13.4	1	2.5	-	57	-	15	19	19	13	13	24	-	-	-	-	-	-	
LAKE VYNNY ...	9-9	303	1.6	-3.9	-1.1	-3.4	-	8.6	7	-10.2	28	1.4	-	117	66	18	6	22	16	18	28	-	-	-	-	-	-	
LLANFAIR CAEREINION	9-9	236	2.3	-3.2	-0.5	-	-	8.8	7	-9.6	1	3.0	-	70	-	19	19	16	13	23	-	-	-	-	-	-	-	
MOEL CYNEDD ...	9-9	358	1.4	-4.3	-1.5	-	-	8.2	7	-13.4	1	2.5	-	199	-	40	6	20	18	17	24	-	-	-	-	-	-	
7A WALES S																												
DYFED																												
ABERPORTH ...	21-9	134	4.2	0.6	2.4	-2.3	-	9.5	7	-6.0	1	-	-	91	99	14	24	19	17	11	6	-	-	-	-	-	-	
ABERYSTWYTH ...	9-9	4	-	-	-	-	-	-	-	-	-	-	-	81	96	21	24	17	13	-	0	-	-	-	-	-	-	
BRAWDY ...	21-9	111	4.7	0.3	2.5	-	-	9.6	7	-7.3	1	-	-	122	-	32	31	23	19	13	7	-	-	-	-	-	-	
BRYNAMHAN ...	21-9	183	3.7	-1.6	1.1	-	-	8.4	7	-10.0	1	-	-	131	-	26	31	21	18	12	18	-	-	-	-	-	-	
CARMARTHEN ...	9-9	15	5.2	-3.2	1.0	-	-	9.5	7	-11.5	2	2.9	6.0	152	122	35	31	21	17	9	2	-	-	-	-	-	-	
CWMYSTWYTH ...	9-9	301	2.5	-3.5	-0.5	-	-	8.4	7	-12.0	1	-	-	172	96	28	6	20	20	9	26	-	-	-	-	-	-	
DALE FORT ...	9-9	33	6.5	1.4	3.9	-2.0	-	10.0	6.7	-4.6	1.6	4.1																



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

JANUARY 1979

DISTRICT REGION/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 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		
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE																				
8A WALES S CONTINUED																														
MID GLAMORGAN																														
ABERDARE FILTER STATION	9 9	174	-	(-3.5)	-	-	-	-	-8.7	6	-	-	149	-	25	9	19	19	8	2	0	0	0	-	(29)	31	-	0	1.27	-
CIFFNYDD	21-9	194	-	-	-	-	-	-	-	-	-	-	136	-	25	8	20	17	11	26	0	0	0	3	-	-	0	0	-	
LLWYNNON	9 9	241	2.3	-4.3	-1.0	-	8.1	7	-12.2	2	-	-	135	75	18	9	21	18	5	2	0	0	0	3	28	-	0	1.90	-	
PORTHAWL	9 9	6	5.3	-1.0	2.1	-	10.0	7	-7.3	1	-	-	101	101	29	31	19	17	-	0	-	-	1	21	-	-	-	2.53	-	
SOUTH GLAMORGAN																														
BRIDGEND	9 9	40	4.7	-2.0	1.3	-	8.8	7	-8.6	1	3.1	6.8	131	-	28	31	20	18	10	3	0	4	0	3	25	29	-	0	-	-
CARDIFF (BUTE PARK)	9 9	9	(4.6)	(-2.9)	(0.9)	-	9.4	7	-10.0	1	(2.7)	(5.9)	88	-	21	31	19	17	-	18	1	7	0	3	22	27	27	0	(2.04)	-
RHOOSE AIRPORT	21-9	67	3.7	-1.0	1.3	-	8.5	7	-8.0	1	-	-	90	-	16	31	19	16	11	14	1	7	0	3	22	27	27	0	2.48	-
OWENT																														
CRUMBLAND	9 9	245	2.7	-3.1	-0.2	-	7.9	7	-8.6	1	2.3	4.3	85	82	20	9	20	15	10	24	0	1	0	8	28	28	-	6	2.39	-
USK	9 9	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
8B ENGLAND SW																														
AVON																														
BATH	9 9	118	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FILTON	21-9	59	3.7	-2.0	0.9	-3.0	8.9	7	-12.8	24	-	-	65	94	10	25	21	14	14	11	0	1	0	1	23	28	27	0	2.52	174
LONG ASHTON	9 9	51	4.3	-3.0	0.7	-3.4	9.3	16	-11.6	1	2.4	-	(78)	(99)	10	31	18	(15)	11	13	0	1	0	1	26	28	-	0	2.18	142
SOMERSET																														
BRYMORE	9 9	23	5.0	(-3.4)	(0.8)	-	9.6	7	-11.5	25	3.3	-	94	-	19	22	14	11	6	13	1	1	0	2	23	29	-	0	2.06	-
CREWKERNE	9 9	101	4.4	-2.2	1.1	-	8.7	7	-9.0	3	2.4	-	106	-	21	19	15	12	6	14	0	0	1	-	19	-	0	0	-	-
DOWNSIDE ABBEY	9 9	183	3.3	-3.6	-0.1	-	7.6	7.16	-11.4	1	-	-	110	109	18	31	20	14	6	-	0	0	1	5	28	-	0	0	-	-
EXTON	21-9	329	2.4	-2.5	-0.1	-	6.9	7	-10.1	1	-	-	128	-	19	22	20	16	18	23	0	3	1	3	25	29	27	0	0	-
HAWKRIIDGE	9 9	314	(2.8)	(-3.0)	(-0.1)	-	7.2	7	-11.1	28	-	-	136	85	38	19	15	14	13	20	1	0	1	-	26	(30)	-	0	2.20	-
NETTLECOMBE	9 9	96	4.7	-2.7	1.0	-	9.3	7	-10.5	1.2	3.8	-	119	-	21	22	17	14	4	17	1	0	0	0	25	28	-	0	0	-
NETTLECOMBE (BIRDS HILL)	9 9	280	(3.4)	-1.7	0.9	-	7.9	7	-7.1	1	-	-	112	-	20	19	16	14	7	18	2	0	0	3	22	27	-	0	0	-
RODNEY STOKE	9 9	40	(4.4)	(-2.8)	(0.8)	-	9.1	16	-9.4	2	3.3	5.9	65	81	13	19	(18)	13	4	13	0	0	1	2	(24)	29	-	5	-	-
WINCANTON	9 9	113	-	-	-	-	-	-	-	-	-	-	89	101	19	19	(16)	15	9	15	0	0	0	-	-	-	-	0	2.48	-
YEDVILTON	21-9	18	4.3	-3.0	0.7	-	9.1	7.16	-12.9	2	-	-	68	97	14	22	14	13	8	12	0	1	0	2	25	28	26	1	-	-
DORSET																														
BOURNEMOUTH																														
HURN AIRPORT	21-9	10	4.5	-2.4	1.1	-	9.4	20	-12.9	3	-	-	98	115	29	19	15	14	11	9	1	3	0	2	23	24	25	1	2.60	-
DORSET TECH COLLEGE	9 9	50	4.8	-2.4	1.2	-	9.5	15	-9.0	2	3.4	6.0	(105)	-	31	19	(16)	(14)	3	-	0	0	0	2	22	25	-	0	2.77	-
CHRISTCHURCH	9 9	4	4.8	-2.0	1.4	-	9.2	7	-9.0	3	-	-	99	119	25	19	15	12	8	11	2	0	0	0	21	27	-	1	0	-
POOLE	9 9	5	5.2	-2.3	1.5	-2.8	9.8	15	-14.0	2	3.5	6.7	109	131	31	19	16	13	6	6	1	0	0	4	24	(26)	-	0	2.74	139
PORTLAND BILL																														
(COASTGUARD)	21-9	53	-	1.8	-	-	-	-	-6.8	1	-	-	87	-	29	19	13	13	6	2	2	1	2	0	12	16	-	7	3.07	-
SWANAGE	9 9	11	5.7	-0.7	2.5	-2.6	9.3	7	-7.7	1.28	-	7.6	97	112	24	19	16	13	7	5	2	1	0	0	17	22	-	5	2.86	150
WEYMOUTH	9 9	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	-
WIMFRITH	9 9	26	5.1	-3.2	0.9	-	9.3	7.20	-11.9	3	-	-	115	123	36	19	14	14	6	9	1	0	1	2	26	-	0	2	-	-
DEVON																														
CHAMLEIGH	9 9	168	4.0	-3.3	0.3	-	8.4	7	-12.4	2	3.4	-	105	-	17	19	18	14	12	18	3	2	0	-	25	26	-	1	2.55	-
EXETER AIRPORT	21-9	32	4.7	-2.0	1.3	-3.6	9.1	7	-13.1	2	-	-	88	106	31	19	16	12	12	12	1	3	1	1	22	26	26	0	2.69	155
EXMOUTH	9 9	59	5.4	-1.5	1.9	-3.0	9.0	7.31	-10.1	2	-	-	100	117	29	19	15	12	9	10	0	1	1	0	18	-	1	3.19	159	
HARTLAND POINT	21-9	93	5.2	1.8	3.5	-2.3	10.0	14	-4.2	6	-	-	87	107	13	31	19	14	11	3	1	3	1	1	11	13	13	9	1.95	110
HEMYOCK	9 9	165	3.9	-2.3	0.8	-	8.5	7	-11.1	1	-	-	106	-	25	19	15	14	0	2	0	0	0	-	19	-	0	0	2.51	-
ILFRACOMBE	9 9	8	6.3	1.1	3.7	-	10.2	7	-3.5	2	5.0	7.5	131	127	28	31	21	17	6	3	1	0	0	0	13	-	0	0	2.05	-
MELBURY	9 9	143	4.5	-2.1	1.2	-	8.9	7	-13.0	1	-	-	137	-	22	31	18	17	0	2	0	0	0	-	20	-	0	0	1.87	-
OKHAMPTON	9 9	372	2.6	-2.3	0.1	-	8.4	15	-9.9	1	-	-	148	-	25	9	18	15	11	23	0	5	1	5	27	27	-	7	-	-
PLYMOUTH																														
MOUNT BATTEN	21-9	27	6.2	0.6	3.4	-2.5	9.8	7	-8.8	2	-	-	91	85	17	19	18	15	10	4	1	5	3	0	13	23	22	2	2.63	145
THE HOE	9 9	36	6.2	-0.3	2.9	-2.9	10.9	7	-8.3	2	4.0	6.6	81	76	17	31	16	14	4	3	4	1	3	0	15	28	-	12	2.90	155
PRAWLE POINT	21-9	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	3.13	-
PRINCETOWN	9 9	414	2.2	-3.2	-0.5	-	6.8	14	-11.5	1.2	-	-	207	-	41	31	20	17	15	15	0	3	5	8	28	29	-	9	-	-
RUHLTEIGH	9 9	38	5.8	-2.3	1.7	-	9.4	7.14	-11.7	3	3.6	-	108	-	35	31	17	14	11	5	0	0	1	2	26	27	-	3	-	-
SIDMOUTH	9 9	10	5.8	-1.3	2.3	-2.9	9.1	7	-10.0	1	-	-	89	105	28	19	19	14	1	0	0	0	0	2	20	-	0	0	-	-
SLAPTON	9 9	32	6.8	0.1	3.5	-	9.																							



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

JANUARY 1979

DISTRICT REGION/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 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 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 1961-70 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	4.5	-1.7	1.4	-	9.0	7	-8.0	13	-	-	89	-	17	19	23	20	14	16	2	1	0	0	1	21	-	-	0	-	-		
BANAGHER(CAUGH HILL) ...	9 9	216	3.0	-2.8	0.1	-	8.5	6	-12.0	13.14	-	-	112	-	18	19	29	19	14	25	0	0	0	0	0	26	-	-	0	-	-		
BOOM HALL ...	9 9	37	4.2	-1.6	1.3	-	9.8	15	-9.7	13	-	-	88	-	10	25	23	19	14	14	0	0	0	0	3	23	25	-	-	4	1.31	-	
CARMONEY ...	9 9	73	4.2	-1.6	1.3	-	9.2	15	-7.0	13	-	-	74	-	7	26	24	18	-	12	6	0	0	0	0	22	28	-	-	0	1.61	-	
COLERAINE UNIVERSITY ...	9 9	23	4.2	-2.3	0.9	-	9.8	15	-11.2	1	2.9	5.9	74	-	9	26	24	19	16	16	6	0	0	0	2	22	29	-	-	0	1.58	104	
COOLKEERAGH ...	9 9	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
DERRYNOYD FOREST ...	9 9	88	3.5	-2.7	0.4	-	8.5	6	-12.9	13	-	-	102	85	16	9.20	21	17	10	17	0	0	0	0	0	27	30	-	-	0	-	-	
GARVAGH FOREST ...	9 9	88	3.2	-2.7	0.3	-	9.6	15	-10.3	13.14	-	-	94	79	16	13	24	20	9	22	0	0	0	0	1	27	30	-	-	0	-	-	
LOUGHMORE FOREST ...	9 9	174	3.0	-3.4	-0.2	-	8.3	6.15	-13.2	1	-	-	111	97	12	8	23	20	19	24	0	0	0	0	3	27	28	-	-	2	-	-	
MOONEYDOIG ...	9 9	34	4.0	-2.8	0.6	-2.9	10.0	6	-10.7	1	2.9	-	83	81	13	13	22	17	15	18	0	0	0	0	2	22	27	27	-	-	0	-	
TRAAD POINT ...	9 9	16	3.6	-3.0	0.3	-	8.4	6	-9.0	13	-	-	94	-	18	25	22	17	-	-	0	0	0	0	-	-	-	-	-	-	-	-	
ANTRIM																																	
ALDERGROVE AIRPORT ...	21-9	68	3.2	-2.2	0.5	-3.0	9.6	15	-10.4	13	2.4	6.1	90	103	20	19	20	14	14	12	0	1	0	0	3	20	26	26	0	1.61	113	-	
ALTNAHINCH ...	9 9	213	2.5	-3.4	-0.5	-	7.5	15	-11.5	1	-	-	110	76	13	20	20	17	18	21	1	0	0	0	1	27	30	-	-	0	1.14	-	
BALLYLUMFORD ...	9 9	24	4.9	-0.1	2.4	-	9.5	15	-4.5	13	-	-	89	-	25	19	22	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BALLYPATRICK FOREST ...	9 9	152	3.5	-1.8	0.9	-	8.7	6	-6.7	1	-	-	139	116	35	19	22	19	14	-	1	0	0	0	1	22	27	-	-	0	1.40	-	
CARNLOUGH ...	9 9	12	4.8	-1.8	1.5	-	9.0	15	-7.3	13	-	-	105	-	23	19	18	18	7	-	0	0	0	0	0	21	-	-	-	-	-	-	
DIVIS MOUNTAIN ...	9 9	363	1.8	-3.6	-0.9	-	6.8	6	-10.2	13	-	-	124	106	22	13	13	13	10	-	0	0	0	0	-	28	-	-	-	-	-	-	
GREENMOUNT ...	9 9	38	3.7	-3.3	0.2	-	9.5	15	-11.4	13	2.6	-	94	113	23	19	19	15	7	14	1	0	0	0	-	22	26	-	-	0	-	-	
HYDE PARK (MALLUSK) ...	9 9	140	3.3	-2.2	0.5	-	10.0	7	-10.1	13	-	-	103	-	24	19	16	12	15	-	1	0	0	0	2	24	26	-	-	-	-	-	
KILROOT POWER STATION ...	9 9	12	4.5	-1.0	1.7	-	10.6	6	-7.9	13	-	-	95	-	31	19	17	12	10	10	0	0	0	0	-	17	25	-	-	-	-	-	
LISNAFFILLAN ...	9 9	38	3.7	-4.5	-0.4	-	9.2	6	-12.0	14	-	-	79	83	15	13	18	16	7	14	0	0	0	0	3	25	27	-	-	0	1.21	-	
LOWTOWN ...	9 9	271	2.1	-2.9	-0.4	-	6.8	15	-8.5	1	1.9	-	130	95	23	9	25	23	13	25	0	0	0	0	5	26	30	-	-	3	1.03	-	
PARKMORE FOREST ...	9 9	235	2.3	-4.8	-1.3	-	7.3	15	-10.5	10	-	-	169	109	35	20	20	17	15	23	1	0	0	0	1	30	31	-	-	2	-	-	
WOODBURN NORTH ...	9 9	217	2.3	-2.1	0.1	-	7.5	6	-7.5	1	-	-	105	91	16	19	19	17	9	15	0	0	0	0	4	24	28	-	-	0	-	-	
BELFAST																																	
ANDERSONSTOWN ...	9 9	64	4.4	-1.4	1.5	-	9.9	7	-5.9	13	-	-	101	-	26	19	16	14	10	-	0	0	0	0	1	23	26	-	-	-	-	-	
MALONE ...	9 9	35	4.3	-2.3	1.0	-	9.5	6.15	-9.5	2	-	-	111	-	29	19	11	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MILLTOWN ...	9 9	37	4.0	-2.1	0.9	-	9.8	15	-9.1	13	-	-	107	-	37	19	15	12	13	15	0	7	0	0	-	21	26	-	-	-	-	-	
NEWTOWNABBEY ...	9 9	32	4.5	-0.4	2.1	-	10.0	6	-7.2	13	3.1	-	91	92	25	19	14	10	9	10	0	0	0	0	0	14	26	24	0	1.78	-	\$	
ROSEBANK ...	9 9	47	4.3	-1.9	1.2	-	9.5	6.7.15	-8.3	13	-	-	118	-	35	19	16	11	8	12	0	0	0	0	-	21	-	-	-	-	-	-	
ROSETTA ...	9 9	24	4.3	-2.0	1.1	-	10.4	15	-9.0	2.14	-	-	93	104	30	19	14	12	-	6	-	-	-	1	22	-	-	-	-	-	-	-	
SHAW'S BRIDGE ...	9 9	15	4.3	-2.5	0.9	-	10.0	15	-9.5	1.13	-	-	115	-	38	19	16	12	13	19	0	0	0	0	-	23	-	-	-	-	-	-	
STORMONT CASTLE ...	9 9	56	4.0	-2.0	1.0	-	9.2	15	-7.6	1	2.1	5.0	114	126	32	19	15	12	8	11	0	0	0	0	0	23	28	-	-	0	2.01	-	
DOWN																																	
BANGOR SEACOURT ...	9 9	15	4.8	0.2	2.5	-	10.0	15	-4.0	1	2.9	6.1	97	-	31	19	16	11	11	4	0	5	0	0	14	23	21	0	1.95	-	-		
BALLYWATER PARK ...	-	11	-	-	-	-	-	-	-	-	-	-	96	112	26	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BALLYWATTCOCK ...	9 9	6	4.3	-1.3	1.5	-	8.6	6	-8.3	13	1.8	4.8	103	133	29	19	15	11	9	9	0	1	0	0	17	28	28	0	2.27	-	-		
BRYANSFORD ...	9 9	85	4.9	-0.6	2.1	-	10.0	7	-7.4	1	3.1	5.9	113	-	26	13	15	10	12	11	0	2	1	1	19	28	26	0	2.18	-	\$		
DOWNPATRICK ...	9 9	26	5.1	-0.7	2.2	-	10.4	7	-6.9	1	-	-	84	-	20	19	16	12	-	-	-	-	-	-	2	16	23	-	-	-	-	-	
HELENS BAY ...	9 9	43	4.1	-0.3	1.9	-	9.8	15	-4.9	13	-	-	104	125	31	19	15	11	12	9	0	2	0	0	15	26	-	-	2	2.02	-	-	
HILLSBOROUGH ...	9 9	116	3.4	-2.1	0.7	-3.0	9.2	15	-9.9	1	3.4	-	97	115	28	19	21	15	9	20	1	0	0	0	23	27	-	-	2	1.84	126	-	
LONG KESH ...	21-9	37	3.5	-2.4	0.5	-	9.9	15	-15.2	1	2.7	5.2	91	-	31	19	17	14	10	14	1	0	0	0	5	24	26	25	0	1.72	-	-	
LOUGH COWEY ...	9 9	10	5.1	-1.1	2.0	-	10.0	7	-5.6	1	-	-	92	-	22	19	13	11	4	4	0	0	0	0	-	21	25	-	-	0	1.99	-	
MAGHERALLY ...	9 9	97	3.4	-3.3	0.1	-	9.2	15	-10.8	2	-	-	80	-	22	19	18	14	12	15	0	2	-	-	25	26	-	-	-	-	-	-	
MURLOUGH ...	9 9	9	5.3	-1.6	1.9	-	10.7	6	-8.4	1	2.7	4.8	106	-	27	13	18	11	6	2	0	0	0	0	-	21	25	-	-	3	2.43	-	
NEWRY ...	9 9	1	5.0	-2.1	1.5	-	10.3	7	-9.0	14	-	-	84	-	16	13	17	14	3	2	0	0	0	0	-	24	27	-	-	-	-	-	
SILENT VALLEY ...	9 9	129	4.3	-0.7	1.8	-	9.7	7	-9.7	2	-	-	138	-	35	13	19	13	10	9	1	0	0	0	2	16	24	-	-	0	2.44	-	
ARMAGH																																	
ARMAGH ...	9 9	62	3.7	-2.3	0.7	-3.2	9.5	15	-9.5	1	2.5	5.3	62	79	14	19	22	14	15	18	0	0	0	0	1	23	28	-	-	0	1.80	118	-
LOUGHGALL ...	9 9	25	4.1	-2.7	0.7	-	10.1	15	-9.0	1	-	-	56	77	11	19	17	13	16	9	0	0	0	0	2	23	29	-	-	0	1.93	-	
LURGAN ...	9 9	55	4.2	-2.6	0.8	-	9.4	15	-10.3	2	2.8	5.6	71	91	11	13	18	13	9														



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TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

DISTRICT, REGION/COUNTY AND PLACE	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 - 39 M	40 - 190 M	200 - 390 M	400 - 990 M	1000 - 1900 M	2000 - 3900 M	4 - 9 KM	10 - 19 KM	20 - 39 KM	40 KM AND OVER	BEAUFORT FORCE						N	NE	E	SE	S	SW	W	NW		
									MEAN	0	1 - 2	3 - 5	6 - 7	8											SKY OBSERVED	SPEED (KT)														
																										34 OR MORE	22-33	11-21	1-10	0										
NUMBER OF OBSERVATIONS																																								
O SCOTLAND N SHETLAND	FAIR ISLE	61	9	1009.1	-	2.4	0.9	6.1	83	6.5	0	3	3	13	11	1	0	1	0	0	0	0	3	8	9	10	4	10	9	7	1	2	3	3	5	5	5	5	2	5
			15	1008.4	-	2.8	1.0	6.1	82	7.2	0	0	1	18	11	1	0	0	0	0	1	1	0	7	7	8	7	6	9	11	4	1	1	2	3	5	5	5	1	1
			21	1008.9	-	2.8	1.1	6.1	80	5.7	0	6	5	7	13	0	0	0	0	0	0	0	3	5	12	11	6	8	13	4	0	6	2	2	5	5	5	8	1	1
			83	3	1009.4	-	0.9	-	5.3	-	5.2	1	7	4	9	10	0	0	0	0	1	0	0	2	7	15	6	0	3	18	7	3	2	2	3	5	4	5	5	2
LERWICK	9	9	1009.1	+ 1.0	0.6	-	5.5	-	6.2	0	2	6	11	11	1	0	0	0	1	0	0	7	5	12	6	0	5	16	9	1	2	2	3	5	4	4	5	2	5	
		15	1008.3	-	1.2	-	5.5	-	6.9	0	0	4	15	9	3	0	2	0	1	0	2	4	8	11	3	1	6	14	10	0	3	1	5	5	5	5	5	2	5	
		21	1008.6	-	1.5	-	5.5	-	6.0	0	3	8	10	9	1	0	0	0	1	1	1	4	8	10	6	0	5	21	5	0	3	1	5	5	5	3	4	7		
ORKNEY	KIRKWALL	26	3	1009.7	-	1.4	0.8	5.8	85	5.8	0	4	7	9	11	0	0	0	0	0	0	2	10	15	4	0	4	15	12	0	4	1	4	6	5	7	3	1	2	
			9	1009.5	+ 0.9	1.5	0.8	5.9	85	6.7	0	1	4	15	10	1	0	0	0	1	0	0	3	10	13	4	0	6	17	7	1	3	1	5	5	4	6	5	6	
			15	1008.9	-	2.1	0.9	6.0	83	6.3	0	2	8	9	11	1	0	0	0	1	0	0	2	9	7	12	0	6	17	7	1	2	1	5	3	6	2	5	2	
			21	1009.3	-	2.0	0.9	6.0	84	6.1	0	5	3	13	10	0	0	0	0	0	0	0	1	8	18	4	0	6	16	9	0	3	1	4	5	5	5	7	2	5
WESTERN ISLES	BENBECULA	7	3	1008.9	-	2.0	0.6	6.4	88	5.2	2	8	3	7	11	0	0	0	0	0	0	3	5	13	10	0	5	11	10	5	6	1	4	2	4	1	6	2	2	
			9	1008.8	+ 0.4	2.4	0.9	6.2	84	5.9	0	1	9	18	3	0	0	0	0	1	0	5	14	11	0	3	13	14	1	3	5	5	4	5	2	4	2	2		
			15	1008.9	-	3.5	1.1	6.4	81	5.1	0	8	5	12	6	0	0	0	0	0	1	1	7	14	8	0	8	16	7	0	6	3	3	2	5	3	7	2	2	
			21	1009.1	-	2.4	0.6	6.5	88	4.9	2	6	7	5	11	0	0	0	0	0	1	1	3	17	9	0	6	11	13	1	5	2	5	3	6	2	5	2	2	
STORNOWAY	5	3	1009.0	-	1.7	0.7	6.1	87	5.2	2	5	6	10	8	0	0	0	0	0	0	1	8	22	0	1	0	8	17	5	3	1	5	1	1	8	3	4	5		
		9	1009.1	+ 0.8	1.7	0.8	5.9	85	6.4	0	2	4	17	8	0	0	0	0	0	4	8	17	2	0	4	9	17	1	3	2	4	3	4	3	6	5	3			
		15	1009.1	-	2.6	1.0	6.2	83	6.6	0	1	5	16	8	1	0	0	0	1	0	1	4	3	19	3	0	6	14	3	3	2	4	2	4	1	8	4	5		
		21	1009.2	-	2.1	0.8	6.1	85	5.5	0	5	6	11	9	0	0	0	0	0	2	6	23	0	0	1	12	16	2	3	3	4	3	1	8	4	3	3			
HIGHLAND	CAPE WRATH	113	3	1008.4	-	2.3	0.3	6.8	94	5.9	0	1	11	8	10	1	1	0	0	0	0	0	3	17	10	0	2	10	17	2	2	4	6	1	3	4	7	2	2	
			9	1008.5	-	2.1	0.5	6.4	90	7.0	0	1	3	11	16	0	0	0	0	0	1	1	4	20	5	1	4	8	18	0	3	4	6	3	1	8	3	3		
			15	1008.1	-	2.5	0.5	6.8	92	6.7	0	0	9	9	12	1	0	0	0	1	0	0	1	2	20	7	2	3	12	13	1	5	2	7	2	1	7	3	3	
			21	1008.2	-	2.5	0.5	6.8	92	6.3	0	1	8	9	12	1	0	1	0	0	0	0	0	2	19	9	2	5	10	14	0	3	3	6	2	3	7	5	2	
DALCROSS	12	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		37	3	1009.4	-	1.1	0.8	5.6	84	5.5	0	3	11	7	10	0	0	0	0	0	0	1	1	8	15	6	0	3	17	11	0	4	0	1	6	6	6	7	1	
		9	1009.3	+ 0.4	1.0	0.7	5.8	87	6.5	0	2	5	13	11	0	0	0	0	1	1	1	4	6	12	6	0	1	19	11	0	6	0	2	4	6	5	4	3		
WICK	15	9	1008.7	-	1.9	0.9	6.0	84	6.7	0	2	3	16	10	0	0	0	0	0	1	0	2	12	12	4	0	4	18	9	0	3	1	3	4	6	5	5	4	3	
		21	1009.1	-	1.1	0.8	5.7	85	6.1	0	2	8	13	8	0	0	0	0	0	0	1	3	22	5	0	3	15	15	0	1	2	4	3	3	6	9	3	3		
1 SCOTLAND E GRANPIAN	DYCE	59	3	1010.4	-	-0.3	0.7	5.2	85	5.2	3	6	4	8	10	0	0	0	0	1	1	4	4	3	13	5	0	0	13	15	3	3	0	3	4	6	4	5	3	
			9	1010.2	- 0.2	-0.4	0.7	5.2	85	5.7	0	6	5	9	10	1	0	0	1	0	0	3	5	7	4	10	8	0	0	11	17	3	2	1	5	5	5	4	3	
			15	1009.7	-	1.2	1.0	5.4	82	6.0	0	5	4	13	7	2	0	0	0	0	2	3	7	4	6	9	0	0	9	19	3	1	0	3	3	3	2	8	2	
			21	1010.1	-	0.3	0.7	5.4	85	5.3	0	9	4	8	10	0	0	0	0	0	3	10	4	6	8	0	0	0	11	15	5	3	0	3	3	3	2	8	2	
FRASERBURGH	22	3	1010.2	-	1.8	0.9	5.9	83	5.8	0	3	9	7	12	0	0	0	0	0	0	0	0	11	11	8	1	8	11	11	0	2	0	6	5	10	2	3	3		
		9	1009.9	+ 0.1	2.2	1.1	5.8	80	6.5	0	0	10	7	13	1	0	1	0	0	0	0	0	10	19	1	0	5	9	17	0	3	1	4	2	9	8	1	3		
		15	1009.3	-	2.6	1.0	6.1	82	6.7	0	1	4	13	13	0	0	0	0	0	0	1	6	17	7	0	1	6	15	9	0	1	2	4	2	7	4	6	5		
		21	1009.9	-	2.4	1.0	5.9	81	5.4	0	5	10	3	13	0	0	0	0	0	0	1	13	17	0	2	6	14	9	0	0	2	5	6	6	4	3	3			
KINLOSS	6	3	1010.2	-	0.1	0.8	5.3	84	5.9	0	5	2	20	3	1	0	1	0	0	0	1	2	7	17	3	0	1	10	17	3	2	1	5	1	8	8	2	1		
		9	1010.2	+ 0.5	-0.3	0.7	5.3	86	6.3	0	3	4	16	6	2	0	0	1	0	1	2	6	3	15	3	0	1	10	17	3	0	0	1	5	1	3	12	7	0	
		15	1009.7	-	1.5	0.9	5.7	83	6.2	0	3	4	16	8	0	0	0	0	0	2	8	5	11	5	0	1	10	18	2	0	1	5	2	5	9	5	2			
		21	1010.0	-	0.5	0.7	5.5	85	5.5	1	3	7	14	6	0	0	0	0	0	1	9	5	13	3	0	1	9	20	1	2	0	4	1	7	13	2	1			
LOSSIEMOUTH	6	3	1009.8	-	0.3	0.8	5.4	84	5.8	0	3	7	12	8	1	0	1	0	0	0	4	6	16	4	0	1	11	18	1	2	0	5	4	10	3	1	2			
		9	1009.8	-	0.2	0.7	5.3	85	6.4	0	3	3	17	7	1	0	1	0	0	2	4	5	9	10	0	1	12	17	1	0	1	5	1	3	12	6	2			
		15	1009.3	-	1.7	1.0	5.8	82	6.7	0	1	3	22	4	1	0	1	0	0	1	2	9	10	7	0	2	15	14	0	1	2	3	5	2	11	5	2			
		21	1009.6	-	0.7	0.8	5.5	85	5.5	0	7	4	13	7	0	0	0	0	0	0	0	5	8	13	5	0	2	12	17	0	2	0	5	3	4	14	3	0		
TAYSIDE	USAN	35	9	1011.1	-	1.1	0.9	5.6	82	5.6	0	7	3	9	12	0	0	0	0	0	0	1	2	4	6	18	0	4	13	13	1	1	2	2	3	6	10	5		
			15	1011.1	-	2.1	1.1	5.8	81	5.6	0	6	6	10	9	0	0	0	0	0	0	0	4	4	8	15	0	3	13	14	1	3								



TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

JANUARY 1979

DISTRICT, REGION/COUNTY AND PLACE	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 - 39 M	40 - 190 M	200 - 390 M	400 - 990 M	1000 - 1900 M	2000 - 3900 M	4 - 9 KM	10 - 19 KM	20 - 39 KM	40 KM AND OVER	BEAUFORT FORCE						N	NE	E	SE	S	SW	W	NW																																		
										NUMBER OF OBSERVATIONS																18 OR MORE														SPEED (KT)																																	
										0	1 - 2	3 - 5	6 - 7	8	SKY OBSERVED											34 OR MORE	22-33	11-21	1-10	0	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
6 SCOTLAND W -CONTO, DUMFRIES & GALLOWAY																																																																									
ESKDALEMUIR	237	3	1011.6	-	-2.0	0.5	4.9	89	5.6	2	4	5	7	12	1	0	0	1	2	1	2	5	10	9	1	0	0	3	6	15	7	3	4	2	3	3	2	4	3																																		
		9	1011.7	-0.5	-2.1	0.4	4.9	89	6.2	0	5	3	7	15	1	0	0	1	1	1	4	6	8	6	4	0	0	1	9	13	8	6	3	4	1	3	6	1	0	3																																	
		15	1010.9	-	-0.8	0.6	5.1	87	6.4	0	2	5	11	12	1	0	1	2	1	0	4	4	5	9	5	0	0	11	13	7	6	3	4	1	1	2	5	3	2	2	1																																
		21	1011.8	-	-2.3	0.4	4.8	89	5.8	1	3	8	4	14	1	0	1	0	2	0	0	7	10	10	1	0	0	2	2	18	9	4	4	1	1	4	5	2	1	1																																	
MULL OF GALLOWAY	80	3	1010.1	-	2.7	0.6	6.7	89	5.2	1	8	4	5	13	0	0	0	0	0	0	5	2	13	10	0	0	9	17	5	0	7	2	4	5	4	6	2	1	1	1																																	
		9	1010.2	-	2.6	0.6	6.7	89	6.0	0	4	7	7	13	0	0	0	0	0	0	3	4	15	9	0	0	5	18	8	0	6	2	3	5	3	5	6	1	1	1																																	
		15	1009.9	-	3.6	0.8	6.9	86	6.6	0	2	3	16	10	0	0	0	0	0	0	4	5	11	11	0	0	2	21	7	1	3	1	3	6	2	7	3	5	3	3																																	
		21	1010.1	-	3.1	0.8	6.7	87	6.5	0	2	5	12	11	1	0	0	0	1	0	2	4	15	8	0	0	2	24	5	0	4	2	6	3	2	7	4	3	3																																		
2 ENGLAND E & NE NORTHUMBERLAND																																																																									
BOULMER	27	3	1011.0	-	0.6	0.7	5.5	85	5.7	2	4	3	10	12	0	0	0	0	0	0	4	9	7	6	5	0	2	13	16	0	0	0	4	2	7	6	7	5	3																																		
		9	1010.8	-	0.8	0.8	5.6	84	5.9	0	4	5	12	10	0	0	0	0	0	0	2	12	5	10	2	0	3	12	16	0	0	2	3	1	4	11	5	3	3																																		
		15	1010.5	-	1.8	1.0	5.7	81	5.7	0	7	3	9	12	0	0	0	0	0	1	4	4	9	8	5	0	4	11	16	0	1	1	4	1	7	6	8	3	4																																		
		21	1011.1	-	0.5	0.7	5.6	86	5.6	2	6	3	7	13	0	0	0	0	0	1	5	10	3	9	3	0	3	6	22	0	0	1	3	2	6	6	8	3	4																																		
SEAHOUSES	12	9	1010.5	-	-	-	-	-	6.0	0	5	6	8	12	0	0	0	0	0	0	2	6	9	14	0	1	3	15	12	0	4	1	4	2	9	2	9	0	0																																		
		15	1010.2	-	-	-	-	-	5.7	0	7	4	10	10	0	0	0	0	0	0	3	10	4	14	0	0	7	8	15	1	5	1	2	2	8	1	10	1	1																																		
		21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																																		
		9	1011.6	-	-0.1	0.7	5.3	85	5.9	3	3	3	9	13	0	0	0	0	0	1	4	10	9	4	3	0	0	8	23	0	1	0	5	3	5	7	7	3	3																																		
WEATHER CENTRE (X)	72	9	1011.5	-	0.4	0.8	5.3	83	5.7	0	6	6	7	12	0	0	0	0	0	1	7	9	10	3	2	0	0	4	27	0	1	1	4	2	7	6	4	5	4																																		
		15	1011.2	-	1.8	1.2	5.5	78	5.6	0	8	1	11	11	0	0	0	0	1	1	5	9	7	7	1	0	0	7	23	1	1	1	3	2	7	4	8	4	4																																		
		21	1011.7	-	0.4	0.8	5.3	83	5.5	4	3	4	7	13	0	0	0	0	0	2	6	8	12	2	1	0	0	7	23	1	1	0	3	2	8	5	8	3	3																																		
		9	1011.8	-	0.5	0.9	5.3	82	5.2	6	1	6	5	13	0	0	0	0	1	0	0	7	17	6	0	1	3	15	12	0	1	0	5	0	8	6	7	4	4																																		
TYNEMOUTH	40	9	1011.2	-1.1	0.9	0.9	5.4	81	5.8	0	4	7	9	11	0	0	0	0	0	1	5	7	14	4	0	1	4	13	13	0	3	1	4	0	5	5	10	3	3																																		
		15	1011.0	-	2.0	1.1	5.8	80	5.8	0	7	3	11	10	0	0	0	0	0	5	4	14	4	0	1	4	12	13	1	2	1	3	2	7	3	9	3	3																																			
		21	1011.5	-	0.8	0.9	5.5	81	4.7	7	3	6	4	11	0	0	0	0	0	1	4	3	23	0	0	1	3	11	15	1	0	1	4	1	7	5	10	2	2																																		
		9	1011.9	-	-1.7	0.4	5.0	89	5.8	2	4	6	4	7	8	0	4	1	5	1	2	2	8	5	3	0	1	7	22	1	3	3	1	6	5	3	4	5	5																																		
LEEMING	33	9	1012.0	-1.0	-1.1	0.5	5.2	88	5.7	0	6	5	8	7	5	0	2	2	2	5	3	2	5	5	0	0	2	7	21	1	3	3	3	5	4	6	2	4	4																																		
		15	1011.5	-	1.0	0.8	5.7	85	5.7	0	7	4	7	13	0	0	0	0	1	4	5	6	3	4	8	0	0	9	22	0	2	2	5	4	5	3	6	4	4																																		
		21	1012.3	-	-1.0	0.5	5.1	88	5.4	5	4	2	7	10	3	0	2	1	2	4	3	1	5	8	5	0	1	6	24	0	4	1	3	10	5	2	5	1	1																																		
		9	1011.2	-	0.4	0.6	5.6	87	5.1	5	3	5	2	15	1	0	1	0	0	2	0	7	11	9	1	1	5	14	11	0	1	4	2	1	9	9	2	3	3																																		
WHITBY C.G.	66	9	1010.8	-	0.7	0.6	5.7	88	6.0	0	4	5	11	11	0	0	0	0	1	3	2	4	11	9	1	1	3	16	9	2	1	3	3	1	6	10	3	2	2																																		
		15	1010.7	-	2.3	0.8	6.2	85	6.4	0	1	8	8	14	0	0	0	1	2	0	3	5	9	8	3	2	5	12	10	2	1	3	2	4	5	9	2	3																																			
		21	1011.5	-	0.9	0.7	5.7	85	5.5	6	2	2	5	16	0	0	0	0	1	0	7	13	9	1	2	5	10	13	1	1	1	4	1	11	5	4	3	3																																			
		9	1011.5	-	0.9	0.6	5.9	89	5.1	6	3	3	6	13	0	0	0	0	2	0	2	9	16	2	0	1	5	14	10	1	2	1	5	1	6	7	5	3	3																																		
SPURN POINT	20	9	1011.3	-	1.1	0.7	5.8	87	6.2	0	2	6	11	11	1	0	1	0	0	1	2	10	17	0	0	0	5	18	8	0	2	3	7	0	8	6	4	1	1																																		
		15	1011.4	-	2.1	0.9	6.0	83	6.4	0	3	5	8	15	0	0	0	0	1	4	13	13	0	0	1	3	16	11	0	4	0	6	4	0	8	7	6	1	1																																		
		21	1012.0	-	1.5	0.7	5.9	86	5.6	4	5	2	1	19	0	0	0	1	0	0	7	13	10	0	0	1	3	18	10	0	1	1	6	3	2	8	8	2	2																																		
		9	1011.2	-	-1.5	0.3	5.2	91	5.5	5	3	3	5	13	2	0	1	2	1	2	8	6	7	3	1	0	1	12	18	0	2	1	5	2	9	5	4	3	3																																		
BINBROOK	112	9	1011.7	-	-1.2	0.3	5.3	92	6.1	0	4	5	9	12	1	0	1	2	3	1	4	10	5	5	0	0	2	14	15	0	2	4	1	9	5	1	5	5																																			
		15	1011.5	-	0.3	0.5	5.7	90	6.4	1	2	3	11	13	1	0	1	1	0	2	5	9	8	5	0	0	1	15	15	0	1	0	6	2	5	8	4	5																																			
		21	1012.3	-	-0.7	0.4	5.3	90	5.8	4	3	2	6	14	2	0	1	2	0	4	7	9	4	4	0	0	0	15	16	0	0	3	5	3	3	10	4	3	3																																		
		9	1012.1	-	-1.7	0.4	5.0	89	5.9	4	2	3	6	14	2	0	2	1	1	2	6	13	3	2	1	0	0	7	22	2	3	2	6	1	7	4	3	3	4																																		
CONINGSBY	8	9	1012.1	-	-1.4	0.4	5.1	89	6.2	0	6	1	9	12	3	0	3	1	0	0	9	11	3	2	2	0	1	9	20	1	1	3	7	3	5	4	3	4	4																																		
		15	1011.9	-	0.6	0.6	5.7	88	6.0	0	5	4	12	8	2	0	1	1	0	5	13	6	2	2	0	1	8	20	2	1	0	7	3	4	6	2	6	4																																			
		21	1012.5	-	-0.8	0.4	5.4	90	6.1	4	2	1	7	15	2	0	3</																																																								



TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

JANUARY 1979

DISTRICT, REGION/COUNTY AND PLACE	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 - 39 M	40 - 190 M	200 - 390 M	400 - 990 M	1000 - 1900 M	2000 - 3900 M	4 - 9 KM	10 - 19 KM	20 - 39 KM	40 KM AND OVER	BEAUFORT FORCE								N	NE	E	SE	S	SW	W	NW														
									MEAN	0	1 - 2	3 - 5	6 - 7	8											SKY OBSERVED	34 OR MORE	22-33	11-21	1-10	0	N	NE									E	SE	S	SW	W	NW								
																																															SPEED (KT)							
NUMBER OF OBSERVATIONS																																																						
3 EAST ANGLIA -CONTO. BEDFORDSHIRE																																																						
CARDINGTON	30	3	1012.3	-	-1.3	0.3	5.3	92	6.4	4	0	3	6	15	3	0	1	2	1	1	2	17	2	5	0	0	0	11	17	3	1	3	4	0	5	6	7	2	2															
		9	1012.4	-2.4	-1.1	0.3	5.4	93	6.3	1	2	5	10	12	1	0	1	0	0	3	4	13	6	4	0	0	0	10	21	0	2	3	5	5	6	6	5	2																
		15	1012.0	-	1.5	0.7	6.1	87	6.4	0	4	3	9	14	1	0	1	2	0	3	2	12	8	3	0	0	0	11	20	0	2	4	5	11	3	8	8	5	2															
		21	1012.8	-	-0.2	0.3	5.8	92	6.0	3	4	0	10	13	1	0	1	0	0	3	0	4	15	8	0	0	0	0	11	20	0	1	4	4	1	3	11	4	5															
ESSEX																																																						
SHOEBURYNES	5	9	1012.3	-2.9	0.6	0.5	5.8	89	6.2	1	4	2	12	11	1	0	1	0	0	1	4	3	8	6	7	1	0	2	13	15	1	2	1	6	1	2	9	5	4	7														
		15	1012.0	-	2.5	1.1	6.0	81	5.0	0	6	2	12	11	0	0	0	0	0	0	1	6	7	10	7	0	0	2	13	16	0	1	0	8	3	4	7	4																
		21	1013.0	-	1.1	0.7	5.8	87	6.2	0	4	5	4	18	0	0	0	0	0	0	5	9	10	6	1	0	1	11	19	0	0	2	5	4	2	7	4	7																
STANSTED	102	3	1012.2	-	-1.3	0.4	5.2	90	5.8	5	2	2	6	14	2	0	2	3	2	2	4	10	4	0	0	0	8	20	3	2	4	4	3	3	2	7	4	2	3															
		9	1012.2	-2.8	-1.0	0.3	5.4	91	6.4	1	4	1	11	12	2	0	3	1	1	3	5	8	3	7	0	0	5	25	1	2	4	3	3	2	8	5	3	7																
		15	1011.8	-	1.2	0.7	5.8	86	6.2	0	6	2	9	10	4	0	3	0	1	1	7	6	6	5	2	0	1	11	18	1	0	2	6	6	1	5	3	7																
21	1012.7	-	-0.1	0.5	5.6	89	6.2	2	3	2	10	13	1	0	1	0	0	2	1	5	16	2	4	0	0	0	11	18	2	0	2	5	4	3	7	4	4																	
4 MIDLAND COUNTIES																																																						
WEST YORKSHIRE																																																						
HUDDERSFIELD	235	3	1011.7	-	-1.6	0.3	5.1	92	6.9	0	0	7	3	21	0	0	2	1	1	0	9	7	7	4	0	1	1	7	22	0	4	3	1	4	5	7	3	4	4															
		9	1012.0	-	-1.2	0.2	5.4	93	6.2	2	1	6	5	17	0	0	0	1	2	3	5	8	7	5	0	0	4	23	3	2	2	4	2	6	5	6	3																	
		15	1011.7	-	0.4	0.4	5.8	91	6.0	0	5	5	5	16	0	0	1	0	1	4	3	9	7	6	0	0	8	22	1	2	2	4	2	7	2	1	4																	
		21	1012.2	-	-0.9	0.3	5.4	92	5.6	5	0	4	9	10	3	0	4	1	1	0	3	9	5	8	0	0	1	6	15	9	1	3	3	1	7	2	1	4																
WILSDEN	267	3	1011.7	-	-1.6	0.2	5.2	93	6.0	2	4	3	6	12	4	0	2	2	0	2	1	15	9	0	0	0	11	18	2	2	2	5	2	3	5	7	3	3																
		9	1011.8	-	-1.9	0.3	5.0	91	6.0	1	4	5	5	13	3	0	2	0	3	6	4	3	12	1	0	0	15	12	3	2	1	5	2	2	4	7	5																	
		15	1011.3	-	-0.3	0.4	5.6	92	5.6	2	4	7	4	13	1	0	2	0	2	5	3	6	12	1	0	0	15	14	2	2	0	1	7	2	3	10	1	2																
		21	1012.0	-	-1.5	0.3	5.1	91	5.2	4	5	4	3	11	4	0	2	2	1	1	2	8	15	0	0	0	11	18	2	0	1	7	2	2	6	9	2																	
SOUTH YORKSHIRE																																																						
FINNINGLEY	15	3	1011.7	-	-1.1	0.4	5.3	91	5.8	0	6	5	6	10	4	0	2	1	2	2	4	8	8	4	0	0	9	21	1	3	1	3	4	7	3	4	5	7																
		9	1011.8	-1.7	-0.7	0.4	5.4	91	6.1	0	4	5	12	8	2	0	0	1	1	4	2	12	8	1	2	0	10	19	1	3	1	4	2	4	5	4	7																	
		15	1011.5	-	1.4	0.8	5.8	84	6.2	1	5	1	11	11	2	0	0	1	1	1	6	9	10	2	1	0	9	22	0	2	2	5	2	4	6	6	4																	
21	1012.1	-	-0.7	0.4	5.4	90	5.7	3	5	2	8	10	3	0	2	1	0	7	4	10	5	2	0	0	0	8	23	0	1	2	4	3	7	5	7	2																		
NOTTINGHAMSHIRE																																																						
HATNALL	119	3	1012.2	-	-1.1	0.4	5.3	90	6.2	2	4	2	5	15	3	0	2	1	2	4	3	11	4	4	0	0	7	23	1	3	3	3	2	1	6	6	6	2	3															
		9	1012.4	-1.5	-1.2	0.4	5.2	90	5.7	1	7	2	7	12	2	0	2	0	1	7	9	5	5	2	0	0	8	22	1	4	3	3	1	6	6	4	3																	
		15	1011.9	-	1.2	0.8	5.7	85	6.1	0	6	2	11	10	2	0	1	1	1	2	9	13	2	2	0	0	11	20	0	2	3	5	4	0	11	4	2																	
21	1012.6	-	-0.4	0.4	5.5	91	5.5	3	4	4	5	11	4	0	2	3	3	1	4	13	3	2	0	0	0	8	21	2	1	4	4	1	2	10	4	3																		
SALOP																																																						
SHAWBURY	76	3	1011.8	-	-1.4	0.4	5.1	89	5.3	4	4	5	2	13	3	0	1	2	1	4	2	2	4	15	0	0	5	24	2	1	4	8	0	5	5	4	2	2																
		9	1012.2	-1.8	-1.0	0.5	5.2	89	5.9	0	4	5	12	9	1	0	1	1	0	3	6	7	4	9	0	0	8	19	4	4	2	7	4	3	1	4	2	2																
		15	1011.5	-	1.6	0.9	5.9	84	6.0	0	4	6	10	10	1	0	1	0	2	2	3	8	4	8	3	0	7	24	0	3	1	8	3	4	6	5	4																	
21	1012.2	-	-0.8	0.4	5.4	90	5.8	3	3	3	9	12	1	0	1	1	3	2	5	7	6	6	0	0	5	22	4	0	2	7	3	4	4	6	5	4																		
WEST MIDLANDS																																																						
EDGBASTON	165	9	1012.4	-2.0	-0.6	0.7	5.0	84	6.2	0	4	5	7	12	3	0	1	1	3	5	3	8	10	0	0	0	9	21	1	3	1	7	0	6	5	4	4	3																
		15	1011.5	-	1.5	1.1	5.4	79	6.4	0	5	2	9	13	2	0	2	0	4	4	3	8	10	0	0	0	7	24	0	3	1	6	3	2	6	7	3	5																
		21	1012.4	-	0.4	0.8	5.4	84	6.0	2	4	3	7	13	2	0	1	2	2	2	2	12	10	0	0	0	5	25	1	0	2	3	5	8	4	3	5																	
ELMDON	100	3	1012.1	-	-1.4	0.5	5.1	88	5.5	5	3	1	9	11	2	0	1	3	1	0	3	12	6	5	0	0	6	23	1	2	3	5	6	7	1	5	1	5																
		9	1012.5	-1.9	-1.3	0.4	5.1	89	5.9	0	6	4	9	8	4	0	1	2	0	4	5	8	9	2	0	0	8	22	1	4	3	4	4	4	4	4	3																	
		15	1011.9	-	1.3	0.9	5.7	83	6.1	1	6	1	8	12	3	0	3	0	0	2	3	12	9	2	0	0	11	18	2	1	2	5	4	4	7	2	3																	
21	1012.6	-	-0.4	0.6	5.4	87	6.1	2	4	1	10	10	4	1	1	1	1	2	3	17	3	2	0	0	0	9	20	2	1	1	5	5	5	3	5	4																		
GLOUCESTER																																																						
INNSWORTH	24	3	1012.0	-	-0.5	0.4	5.5	90	5.4	6	2	3	7	12	1	0	2	0	1	3	2	11	7	5	0	0	5	18	7	4	1	4	0	9	10	0	0	1																
		9	1012.4	-	-0.3	0.6	5.4	87	5.6	0	7	5	7	10	2	0	1	0	2	1	3	14	2	5	3	0	5	22	4	6	3	0	2	9	4	2	1																	
		15	1011.7	-	2.4	1.0	6.0	82	6.2	0	5	2	12	10	2	0	1	1	0	1	6	10	7	3	2	0	11	19	1	1	7	3	1	5	6	1	6																	
21	1012.5	-	0.5	0.5	5.8	89	5.8	4	2	2	9	13	1	0	1	1	1	1	4	11	10	1	1	0	0	7	18	6	3	4	3	0	10	4	1	0																		
OXFORDSHIRE																																																						
BENSON	74	3	1012.2	-	-0.7	0.5	5.4	89	5.5	5	4	1	6	13	2	0	1	0	1	1	3	15	4	6	0	0	2	3	14	12	3	4	0	6	0	3	1	2																
		9	1012.5	-	-0.6	0.4	5.5	90	6.0	4	0	4	12	11	0	0	0	0	2	1	6	9	5	8	0	0	8	13	10	3	1	6	1	4	3	1	2																	
		15	1011.9	-	2.0	0.9	6.0	84	6.2	0	5	3	10	13	0	0	0	0	1	0	7	9	8	4	2	0	11	15	4	0	3	5	1	6	4	4	4																	
		21	1012.8	-	0.3	0.5	5.7	89	5.2	5	5	2	5	13	1	0	0	0	1	2	3	13	6	6	0	0	0	7	16	8	2	5	1	1	10	1	2	1																
BRIZE NORT																																																						



TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

JANUARY 1979

DISTRICT, REGION/COUNTY AND PLACE	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 - 39 M	40 - 150 M	200 - 390 M	400 - 990 M	1000 - 1900 M	2000 - 3900 M	4 - 9 KM	10 - 19 KM	20 - 39 KM	40 KM AND OVER	BEAUFORT FORCE						N	NE	E	SE	S	SW	W	NW						
										MEAN	0	1 - 2	3 - 5	6 - 7	8											SKY OBSERVED	34 OR MORE	22-33	11-21	1-10	0														
																																								SPEED (KT)					
																																								NUMBER OF OBSERVATIONS					
5 ENGLAND SE & CENT. S. KENT			-CONTO.																																										
DUNGENESS	7	3	1012.4	-	-	-	-	4.6	8	4	3	2	14	0	0	0	0	0	0	0	11	9	11	0	1	3	12	14	1	0	0	7	3	1	6	7	6								
		9	1012.1	-	1.1	0.7	5.9	86	6.4	1	2	4	11	13	0	0	0	0	0	1	14	11	4	0	2	3	14	11	1	0	0	5	1	8	2	6	7								
		15	1011.8	-	-	-	-	-	6.2	0	6	1	12	12	0	0	0	0	0	1	15	5	10	0	1	4	16	10	0	2	0	5	3	7	3	7	4								
HANSTON	45	3	1012.5	-	0.1	0.6	5.6	88	5.7	3	4	3	7	13	1	0	1	0	0	1	4	7	13	5	0	0	1	14	16	0	1	1	6	1	7	6	7								
		9	1012.3	-	0.4	0.5	5.8	89	6.5	1	1	5	10	12	2	0	2	0	0	3	4	11	6	4	1	0	2	12	16	1	2	1	4	7	5	5									
		15	1011.9	-	2.1	1.0	6.0	82	5.8	0	5	4	15	9	0	0	0	0	3	2	11	6	9	0	0	2	13	16	0	1	1	6	2	7	5	5									
HAMPSHIRE		3	1012.9	-	0.8	0.7	5.7	86	5.7	2	6	3	2	18	0	0	0	0	0	2	6	10	5	8	0	0	1	20	10	0	0	0	8	1	4	10	1								
		9	1012.2	-	1.4	0.7	6.0	86	5.2	5	4	3	6	13	0	0	0	0	1	4	9	8	7	2	0	0	5	26	0	3	7	4	2	2	2	10	1								
		15	1012.5	-	1.1	0.7	5.9	85	5.3	2	7	1	10	10	1	0	0	1	0	1	4	11	5	8	1	0	0	5	26	0	2	6	3	3	3	7	4								
WEATHER CENTRE (X)		3	1011.8	-	4.1	1.5	6.4	76	5.4	3	6	2	9	11	0	0	0	0	1	2	7	11	7	3	0	0	7	24	0	0	4	3	4	4	3	4	7								
		15	1012.9	-	2.2	0.9	6.1	84	5.5	3	5	4	7	12	0	0	0	0	0	3	8	10	10	0	0	0	7	24	0	1	6	4	1	7	4	6									
		21	1012.9	-	2.2	0.9	6.1	84	5.5	3	5	4	7	12	0	0	0	0	0	3	8	10	10	0	0	0	7	24	0	1	6	4	1	7	4	6									
WEST SUSSEX		3	1012.4	-	-0.9	0.4	5.5	91	5.5	4	4	4	5	14	0	0	0	1	1	4	6	11	2	5	1	0	1	7	18	5	1	4	6	0	3	6	4								
		9	1012.5	-2.9	-0.4	0.5	5.5	89	6.5	1	2	2	12	13	1	0	1	0	1	4	6	8	3	5	3	0	0	10	18	3	3	1	7	2	2	4	3								
		15	1011.9	-	2.6	0.9	6.3	84	6.1	1	5	1	10	13	1	0	0	0	2	1	3	7	9	6	3	0	1	12	17	1	1	2	6	1	6	4									
EAST SUSSEX		3	1013.0	-	0.7	0.6	5.7	87	5.9	1	8	0	6	16	0	0	0	0	1	3	4	13	5	5	0	0	1	9	19	2	2	2	5	0	7	6	2								
		9	1012.4	-	0.0	0.4	5.7	92	5.2	4	6	3	3	15	0	0	0	0	1	2	6	11	3	8	0	0	0	5	23	3	9	3	5	0	2	4	3								
		15	1012.4	-	0.3	0.4	5.9	91	6.1	1	4	2	15	8	1	0	1	0	0	1	7	5	8	8	1	0	1	5	24	1	6	2	6	1	3	5	3								
HERSTMONCEUX	28	3	1011.9	-	2.9	1.1	6.2	80	5.6	0	8	1	13	8	1	0	0	1	0	0	2	7	7	11	3	0	0	10	21	0	2	4	4	1	4	6	4								
		9	1013.0	-	1.1	0.6	6.0	88	5.8	2	5	3	6	15	0	0	0	0	0	6	12	5	8	0	0	1	8	19	3	4	2	7	0	3	4	6									
		21	1013.0	-	1.1	0.6	6.0	88	5.8	2	5	3	6	15	0	0	0	0	0	6	12	5	8	0	0	0	1	8	19	3	4	2	7	0	3	4									
7A ENGLAND NW & I.O.M. CUMBRIA																																													
CARLISLE	28	3	1011.3	-	-0.6	0.5	5.4	89	5.4	3	4	5	6	13	0	0	0	0	0	3	14	8	5	1	0	0	7	21	3	1	2	9	5	2	5	3									
		9	1011.3	-1.1	-0.6	0.6	5.4	87	5.7	0	4	6	15	5	1	0	0	1	1	1	0	3	15	10	0	0	0	7	24	0	1	0	10	4	5	6	3								
		15	1010.9	-	1.5	0.8	5.9	85	6.0	0	3	7	14	7	0	0	0	0	1	1	4	19	6	0	0	0	9	22	0	0	2	8	3	2	3	9									
LANCASHIRE		3	1011.4	-	-0.1	0.5	5.5	89	6.1	0	4	4	14	9	0	0	0	0	0	2	9	13	7	0	0	0	3	28	0	1	6	6	6	2	4	6									
		9	1011.3	-	0.0	0.6	5.5	88	5.5	3	5	4	4	15	0	0	0	1	2	3	2	3	7	13	0	0	0	7	24	0	3	4	4	8	5	2	2								
		15	1011.9	-	0.0	0.6	5.4	87	5.6	1	5	5	9	11	0	0	1	0	1	4	9	9	5	1	0	0	12	18	1	6	1	5	8	3	2	3									
AUGHTON	56	3	1011.1	-	1.8	0.7	6.0	86	6.6	1	2	2	13	13	0	0	1	0	0	5	12	9	3	1	0	0	10	21	0	4	3	4	6	5	3	2									
		9	1011.6	-	0.6	0.5	5.8	90	5.9	2	3	4	7	14	1	0	1	0	1	1	3	7	8	10	0	0	9	21	1	1	2	6	7	6	2	2									
		15	1011.6	-	0.6	0.5	5.8	90	5.9	2	3	4	7	14	1	0	1	0	1	1	3	7	8	10	0	0	9	21	1	1	2	6	7	6	2	2									
SQUIRES GATE	11	3	1011.5	-	0.3	0.5	5.7	89	5.6	3	6	1	6	15	0	0	0	0	3	5	5	11	7	0	0	1	15	15	0	4	4	7	5	3	2	2									
		9	1012.0	-1.0	-0.3	0.5	5.5	88	5.5	1	7	4	8	11	0	0	1	0	0	2	3	13	6	6	0	0	2	14	11	0	5	3	8	6	3	2									
		15	1011.4	-	2.1	0.7	6.2	87	6.3	1	4	0	15	10	1	0	0	1	5	2	8	10	5	0	0	0	20	11	0	2	2	8	6	2	2	4									
GREATER MANCHESTER		3	1011.8	-	0.5	0.5	5.8	89	5.7	2	4	6	5	13	1	0	1	0	1	6	11	6	6	0	0	0	15	16	0	1	1	8	8	5	2	2									
		9	1011.6	-	0.7	0.8	5.5	83	5.5	2	5	5	8	10	1	0	0	0	2	2	3	13	9	2	0	0	6	24	1	2	4	7	3	4	5	3									
		15	1012.1	-	0.7	0.9	5.4	82	6.1	2	2	6	8	13	0	0	0	0	1	10	14	4	2	0	0	0	6	25	2	3	4	6	1	6	4	2									
MANCHESTER WEATHER CENTRE (X)		3	1011.5	-	2.5	1.4	5.6	76	6.5	2	2	1	13	13	0	0	0	1	3	5	16	5	1	0	0	0	8	23	0	4	1	8	1	2	9	5									
		9	1012.0	-	1.3	0.9	5.7	84	5.9	2	4	2	10	12	1	0	1	0	2	3	4	13	6	2	0	0	5	23	3	3	2	7	2	7	5	2									
		15	1012.0	-	1.3	0.9	5.7	84	5.9	2	4	2	10	12	1	0	1	0	2	3	4	13	6	2	0	0	5	23	3	3	2	7	2	7	5	2									
RINGWAY	84	3	1011.9	-	-0.2	0.6	5.3	86	5.5	0	7	4	11	9	0	0	1	0	3	4	11	8	4	0	0	1	7	23	0	2	3	4	3	10	5	2									
		9	1012.4	-1.1	-0.3	0.7	5.2	84	5.6	1	4	7	11	7	1	0	1	0	0	1	6	9	10	4	0	0	11	20	0	0	3	7	0	12	3	4									
		15	1011.8	-	1.6	1.0	5.6	81	5.9	3	2	3	13	10	0	0	2	0	0	4	6	8	8	3	0	0	11	19	1	1	1	5	2	8	5	4									
ISLE OF MAN		3	1012.4	-	0.2	0.7	5.4	86	5.2	3	5	5	7	11	0	0	0	0	3	1	9	10	5	3	0	0	1	9	21	0	1	0	8	4	11	3	2								
		9	1010.8	-	3.0	1.0	6.3	82	5.4	1	5	6	6	11	0	0	0	0	0	1	3	6	9	12	0	0	3	18	10	0	4	3	3	8	3	4									
		15	1011.2	-0.6	3.1	1.0	6.4	82	6.3	0	2	6	8	15	0	0	0	0	0	0	3	4	18	6	0	0	5	17	8	0	1	2	6	4	5	5									
RONALDSWY	21	3	1010.6	-	4.0	1.2	6.6	80	6.6	0	0	6	11	14	0	0	0	0	0	1	0	12	12	6	0	0	17	9	0	1	2	6	4	5	5	4									
		9	1011.0	-	3.1	0.9	6.5	84	5.5	3	3	6	5	13	1	0	0	1	0	1	0	9	10	10	0	0	2	20	8	1	0	2	6	4	5	4									
		15	1011.0	-	3.1	0.9	6.5	84	5.5	3	3	6	5	13	1	0	0	1	0	1	0	9	10	10	0	0	2	20	8	1	0	2	6	4	5	4									
7B WALES N GYNNEDD		3	1010.7	-	3.1	1.0	6.5																																						



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TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

DISTRICT. REGION/COUNTY AND PLACE			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 - 39 M	40 - 190 M	200 - 390 M	400 - 990 M	1000 - 1900 M	2000 - 3900 M	4 - 9 KM	10 - 19 KM	20 - 39 KM	40 KM AND OVER	BEAUFORT FORCE						N	NE	E	SE	S	SW	W	NW	
											SPEED (KT)																34 OR MORE	22-33	11-21	1-10	0										
											0	1-2	3-5	6-7	8	SKY OBSERVED																									
																																NUMBER OF OBSERVATIONS									
BA WALES S -CONTD. SOUTH GLAMORGAN																																									
RHOOSE	69	3	1011.7	-	0.4	0.5	5.8	89	4.7	4	6	6	5	8	2	0	1	1	0	2	1	4	9	2	0	3	8	19	1	3	4	12	0	2	1	1	6	4	2		
		9	1012.1	-2.8	0.7	0.6	5.8	87	5.7	1	4	5	13	6	2	0	0	1	1	1	2	0	0	8	3	0	2	10	10	0	3	4	12	0	2	1	1	6	4	2	
		15	1011.3	-	2.9	1.0	6.3	82	5.7	0	7	5	8	11	0	0	0	0	0	2	0	0	0	3	0	0	2	11	18	0	2	4	12	0	2	1	1	6	4	2	
		21	1012.2	-	1.1	0.6	6.0	88	5.2	1	8	3	8	11	0	0	0	0	0	3	0	0	4	11	8	4	0	2	1	10	20	0	1	4	12	0	2	1	1	6	4
BB ENGLAND SW AVON																																									
FILTON	61	3	1011.8	-	-0.2	0.5	5.6	89	4.9	7	2	5	6	10	1	0	2	1	1	2	3	6	12	4	0	3	7	17	4	2	4	7	3	0	4	6	1	0	3		
		9	1012.1	-2.8	0.2	0.5	5.7	88	5.2	2	6	6	7	9	1	0	1	0	0	3	5	7	5	9	1	0	2	12	15	2	3	4	6	5	2	3	4	6	1	0	3
		15	1011.4	-	3.0	1.0	6.4	83	5.3	0	9	3	9	10	0	0	0	0	0	2	5	5	8	10	1	0	1	9	21	0	1	4	6	5	2	3	4	7	3	1	
		21	1012.3	-	0.9	0.6	6.0	88	5.3	4	5	3	9	10	0	0	0	0	0	2	7	6	13	3	0	0	1	7	16	7	1	1	6	5	2	3	4	7	3	1	
SOMERSET																																									
EXTON	-	9	-	-	-0.7	0.3	5.5	92	5.4	1	7	4	9	7	3	0	3	0	0	1	3	9	3	11	1	0	7	22	2	7	2	5	1	6	1	4	3	3	3		
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
		21	-	-	-0.5	0.3	5.7	93	5.5	4	4	2	5	10	6	0	3	1	2	2	0	2	7	9	5	0	8	22	1	6	1	5	2	6	4	3	3	3	3		
			1012.2	-	-0.7	0.4	5.6	91	4.4	10	3	2	3	13	0	0	1	0	1	5	5	10	5	4	0	1	2	5	10	13	0	3	4	2	1	3	4	1	2		
YEOVILTON	23	9	1012.3	-	-0.4	0.4	5.6	90	5.2	1	6	6	5	10	7	1	0	2	0	0	3	6	8	4	8	0	0	2	5	15	9	3	4	2	2	3	3	4	2	2	
		15	1011.6	-	3.3	1.0	6.6	83	5.5	2	5	5	8	11	0	0	0	0	1	1	4	6	12	7	0	0	2	10	14	5	2	3	5	2	2	3	3	4	2	2	
			1012.3	-	0.6	0.5	6.0	90	4.8	6	4	5	3	13	0	0	0	0	0	2	5	14	6	4	0	0	2	5	13	11	0	1	5	2	2	5	3	2	2		
			1012.3	-	-0.1	0.5	5.7	89	4.6	6	5	4	7	9	0	0	0	0	0	7	12	4	8	0	0	1	0	6	14	10	4	4	1	2	3	2	4	1	4		
DORSET	11	3	1012.3	-	-0.3	0.5	5.7	90	5.2	1	8	4	8	10	0	0	0	0	2	1	6	8	5	9	0	0	8	18	5	4	5	2	4	2	3	4	6	2	2		
		9	1011.9	-	3.9	1.3	6.5	78	5.4	1	7	3	11	9	0	0	0	0	0	2	11	6	10	2	0	0	10	21	0	1	4	4	2	4	6	4	6	2	2		
		15	1012.9	-	0.9	0.5	6.0	89	5.1	4	4	5	8	10	0	0	0	0	0	2	20	1	8	0	0	0	7	21	3	0	3	6	3	4	4	6	2	2	2		
			1011.6	-	3.4	0.8	6.9	86	4.5	7	4	5	1	14	0	0	0	0	0	1	5	16	9	0	3	6	12	10	0	2	4	7	1	4	4	5	4	5			
PORTLAND BILL-C.G.	54	3	1011.9	-	3.4	0.8	6.8	86	5.4	1	6	8	6	10	0	0	0	0	0	2	7	12	10	0	2	12	11	5	1	3	4	4	3	3	5	4	8	4	5		
		9	1011.9	-	3.4	0.8	6.8	86	5.4	1	6	8	6	10	0	0	0	0	0	2	3	5	9	11	1	1	10	13	6	1	1	4	4	2	3	4	8	4	5		
		15	1011.3	-	4.6	1.1	7.1	82	5.5	0	7	7	5	12	0	0	0	0	0	2	3	5	9	11	1	1	10	13	5	1	1	4	4	2	3	4	8	4	5		
		21	1012.3	-	3.8	0.9	7.0	85	4.8	6	5	4	3	13	0	0	0	0	0	7	14	10	0	3	4	15	9	0	3	4	5	2	4	4	4	4	5	4	5		
DEVON																																									
EXETER	38	3	1011.9	-	0.0	0.6	5.7	87	5.0	5	4	6	4	12	0	0	1	0	2	1	6	13	6	2	0	4	5	20	2	4	8	3	4	1	4	2	4	2	2		
		9	1012.4	-2.8	0.2	0.7	5.6	85	5.4	0	8	4	9	9	1	0	1	0	0	0	2	9	6	8	5	0	1	9	19	2	4	8	3	4	1	5	0	2	4		
		15	1011.5	-	3.7	1.2	6.5	79	5.4	1	8	3	7	12	0	0	0	0	0	0	2	5	9	10	5	0	2	13	12	4	0	5	3	6	3	1	2	7	2		
		21	1012.6	-	1.1	0.6	6.1	87	4.8	8	2	4	6	11	0	0	0	0	0	1	1	7	12	7	3	0	2	6	17	6	3	3	6	4	2	2	2	2			
HARTLAND POINT	93	3	1010.6	-	2.9	1.0	6.3	82	5.1	3	4	8	3	13	0	0	0	0	1	0	1	8	10	11	5	4	10	11	1	3	7	3	3	7	1	4	2	2			
		9	1010.7	-	3.2	1.1	6.4	81	5.0	0	4	7	10	9	1	0	1	0	0	0	2	10	6	12	1	9	12	8	1	2	5	3	4	4	3	7	2	2			
		15	1010.5	-	4.2	1.3	6.5	78	6.3	0	2	8	10	10	1	0	0	0	2	0	1	2	11	7	8	2	3	12	12	2	2	6	4	2	0	7	3	5			
		21	1010.9	-	3.7	1.3	6.3	78	5.4	1	4	9	8	8	1	0	0	1	0	0	0	1	7	9	13	2	6	10	12	1	0	3	6	0	7	6	4	4			
MOUNT BATTEN	28	3	1011.4	-	2.7	0.9	6.5	84	5.4	4	2	7	6	12	0	0	0	0	1	0	11	9	10	0	1	2	13	14	1	2	4	9	3	2	3	4	3	3			
		9	1011.8	-3.4	2.7	0.9	6.4	83	5.7	1	6	3	12	9	0	0	0	0	0	3	6	9	8	5	0	4	10	16	1	7	2	8	1	4	2	6	5	4			
		15	1011.2	-	5.2	1.4	7.0	77	5.9	1	4	3	15	8	0	0	0	0	0	6	3	7	6	9	0	2	13	15	1	6	2	1	2	2	4	7	3	3			
		21	1011.8	-	3.3	0.9	6.7	84	5.4	3	5	6	1	16	0	0	0	0	0	1	12	9	9	0	0	2	11	18	0	2	1	10	2	2	4	7	3	3			
PRADLE POINT	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
		9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
		21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
CORNWALL																																									
CAMBORNE	88	3	1011.1	-	3.1	1.1	6.4	81	5.3	2	3	11	3	11	1	0	1	0	1	1	2	4	12	10	0	4	13	13	1	1	3	7	4	6	4	1	4	3	4		
		9	1011.5	-	3.5	1.1	6.6	81	6.0	0	3	6	14	8	0	0	0	0	2	2	1	3	9	15	1	0	4	13	12	2	2	5	5	2	7	4	3	3			
		15	1011.1	-	5.0	1.5	6.8	76	6.0	0	3	8	9	11	0	0	0	0	2	0	2	8	14	3	0	4	14	13	0	4	3	5	4	6	3	3	4	3	3		
		21	1011.4	-	3.6	1.0	6.7	83	5.2	3	3	8	6	11	0	0	0	0	1	1	1	7	11	9	1	1	4	10	14	2	1	2	6	4	6	3	3	4			
CULDROSE	84	3	1011.1	-	3.4	0.7	7.0	87	5.4	4	5	3	6	13	0	0	1	0	1	3	7	7	12	0	4	10	17	0	1	6	6	1	5	2	5	5	5	5			
		9	1011.5	-	3.4	0.7	7.1	88	5.8	0	3	9	10	8	1	0	0	1	0	1	1	6	12	10	0	4	7	16	4	2	4	2	3	5	4	4	4	4			
		15	1011.1	-	5.3	1.0	7.5	84	6.0	0	2	9	9	11	0	0	0	0	1	0	2	6	8	13	1	0	3	13	15	0	5	4	3	1	6	5	3	3			



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

JANUARY 1979

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

TABLE 6 SUMMARY OF AUTOGRAPHIC RECORDS OF WIND

JANUARY 1979

DISTRICT REGION/COUNTY AND PLACE		HEIGHT OF VANE IN METRES		DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED										MEAN HOURLY WIND SPEED (KT)		HIGHEST VALUES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
		ABOVE MSL	ABOVE GROUND EFFECTIVE	34 KT OR MORE (GALE FORCE)					22-33 KT		11-21 KT	4-10 KT	LESS THAN 4 KT			HOURLY WIND				DUST																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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TABLE 6 SUMMARY OF AUTOGRAPHIC RECORDS OF WIND

19  
JANUARY 1979

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	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				VEER FROM N	SPEED-KT	DAY			HOUR BEGINNING	VEER FROM N	SPEED-KT	DAY	TIME																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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TABLE 3 ADDITIONS AND CORRECTIONS

YEAR MONTH STATION			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 0 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													
1977	JAN	LUTON																													
	NOV	CASTLE ARCHDALE																													
		FOREST																													
1978	FEB	DALE FORT	6.1	1.5	4.7		11.7	26	-5.0	12	4.2		137		26	28	18	16	2	5	0	0	0	1	12	15		0	2.73		
	MAR	DALE FORT	9.2	4.1	6.7	-1.9	11.0	27	-1.3	16	6.8		71		11	15	22	15	1	0	1	0	0	4	2	4		3	4.26		
		NEWTORPE											57					13													
	APR	DALE FORT	10.4	4.2	7.3	-1.6	16.3	24	-0.4	11	8.2		34		9	19	12	8	2	0	0	0	0	1	1	10		0	6.07		
		SCARBOROUGH											35	82				6													
		WIDDYBANK FELL	6.0		2.7		22.2	30	5.9	5	12.8		22		13	1	7	4	0	0	0	0	0	2	0	0		0	8.81		
	MAY	DALE FORT	15.4	8.0	11.7	+0.4																									
	JUN	REDESDALE		6.2																											
		TERRINGTON																													
		ST CLEMENT		9.1	13.6	-0.7																									
	SEP	GLENMORE LODGE																													
		STANHOPE FARM											115	106																	
		CRAIGHOUSE																													
		DUMFRIES																													
		NEWTON STEWART	15.7	9.6	12.7		18.8	10	(5.0)	20			125	98	18	27	24	18	0	0	0	0	0	0	0	0		4			
		PALNURE		9.4	12.5																										
		SEAHOUSES											57	106																	
		TYNEMOUTH																													
		WASHINGTON	16.7	10.0	13.3		21.0	21	5.3	27	13.6	13.6	62		12	5	15	12	0	0	0	0	0	0	0			0	3.77		
		HIGH MONTHORPE																													
		MALHAM TARN							4.6	18																					
		SNAIZELHOLME	13.7																												
		WHITBY					21.7	10.13.21																							
		WHITBY CG		10.6	13.4																										
		KIRTON					25.6	10																							
		SUTTON BRIDGE																													
		GORLESTON																													
		MARCH	(19.4)																												
		MARHOLM																													
		EAST BERGHOLT																													
		HODDESDON																													
		ST ALBANS	18.9		14.5	+0.5																									
		CLACTON-ON-SEA		11.2	15.1	0.0																									
		WRITTLE																													
		PONTEFRAC	17.0	10.4	13.7	+0.2	21.9	12	6.6	18																					
		WINGERWORTH	17.0	9.5	13.3		22.8	10	3.4	20	14.2		43		15	29	13	6	0	0	0	0	0	0	2	0		1	5.43		
		NEWTORPE																													
		NOTTINGHAM	18.0	10.6	14.3	+0.2																									
		KEELE		9.5	12.9																										
		PENKRIDGE		(8.5)																											
		CALDECOTT																													
		HAMPTON LODGE		9.7	14.0																										
		OSWESTRY																													
		PRESTON MONTFORD	18.3	9.6	13.9		24.1	10	5.2	20	15.2	15.0	39		9	6	12	7	0	0	0	0	0	0	2	0		0	4.41		
		BIRMINGHAM KES																													
		SHIPSTON-ON-STOUR		10.0	14.1	+0.3																									
		LYONSHALL				+0.4																									
		PRESTON WYNNE	18.7	8.5	13.6																										
		CHELTENHAM																													
		OXFORD		10.6	14.9	+0.5																									
		MEDMENHAM	19.2	7.8	13.5		24.1	23	0.7	26			26	43	11	13	10	4													
		HARROW WEALD			(14.5)																										
		SOUTHGATE	19.3		15.0	+0.2																									
		WADDON	19.8	10.8	15.3	+0.5																									
		DOVER RMS	17.8		14.4																										
		FOLKESTONE					21.7	10																							
		HADLOW COLLEGE											(14.8)	(15.3)	19		7	13	6	6	0	0	0	0	1	0		0	(5.05)		
		SPARSHOLT	18.3	9.4	13.9		22.7	10	4.3	18			15		6	13	8	4	0	0	0	0	0	0	0	0		0	5.66		
		BEXHILL	18.3	11.2	14.7	-0.4	21.2	7	7.1	30	15.4	15.6																			



# MONTHLY WEATHER REPORT

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

**FEBRUARY 1979**  
 VOLUME 96 NUMBER 2


## Mostly cold and snowy, but milder later.

A depression crossing southern districts on the 1st was succeeded by a ridge of high pressure, while a deepening depression affected the far north. Fronts approaching from the Atlantic then became almost stationary over south-western Britain as an anticyclone moved from north-west Scotland to the Low Countries on the 5th and 6th. A depression crossed southern areas on the 7th, but a ridge from another anticyclone to the north then extended south-eastwards over the North Sea, while further fronts became slow-moving over south-western districts. The ridge receded northwards, allowing frontal systems to affect southern areas. A strong east to north-easterly flow was maintained as pressure rose to the north and north-east on the 15th.

The Scandinavian anticyclone intensified, but began to move away eastwards on the 17th. Atlantic fronts moved slowly into western Britain on the 18th and a cold front crossed all areas on the 22nd. A developing anticyclone to the south-west of the British Isles then drifted north-eastwards and pressure reached 1045 mb over the south Midlands on the 25th. This is the highest mean-sea-level pressure recorded in England since December 1970. The anticyclone then moved away south-eastwards and fronts from the north-west crossed all areas.

### Weather

This was another cold month, although it became milder during the last week. Snowfall was prolonged and heavy in some districts, particularly in eastern England. The fresh snow added to the depths which had already accumulated over high ground in January. Considerable drifting occurred in the strong easterly winds which persisted during the middle part of the month, and the inclement weather caused severe hardship and some loss of life. Many northern areas were much drier than usual, however, and it was quite sunny in Scotland. Freezing fog was occasionally reported, and hill fog formed extensively at times in England and Wales.

### Wind

Winds were fresh or strong in the north and west at the beginning of the month and gales occurred in the far north of Scotland on the 3rd. Wind directions were variable at first, but then became mainly south-easterly until the 7th. Fresh or strong east to north-east winds prevailed between the 8th and the 16th, with gales in some coastal areas and over high ground. Directions became south-easterly again during the third week, but were mostly between south-west and north-west after the 21st. Gales occasionally affected exposed places in the north during the second half of the month and winds freshened in western and southern districts on the 27th.

### Temperature

Monthly mean temperatures were below average everywhere, with departures from the normal between 2 and 3 °C over most of England and Wales, and also in parts of central and south-west Scotland. Mean values were mainly between 1 and 2 °C below average elsewhere.

Although it was occasionally mild in south-west England and the Channel Islands, most areas were cold until the early part of the third week. There were some very cold nights in the north, the temperature

falling to -16.4 °C at Lagganlia in the Scottish Highlands on the night of the 8th/9th, and it was very cold generally around mid-month, with temperatures remaining below 0 °C all day in many parts on the 15th. Northern and western coastal districts gradually became milder, and on the 20th Poolewe and Diabaig, both in north-western Scotland, recorded maxima of 12.9 and 12.5 °C respectively. Daytime temperatures were mostly near the normal after the 21st, but it was cold along the east coast of England and night frosts continued to occur in inland areas.

### Rainfall

Rainfall totals ranged from over 200 per cent of average in parts of south-west England to less than 10 per cent of the normal in places along the coast of eastern Scotland. Monthly totals were generally above average east and south of a line from Humberside to Dorset, and also in the Channel Islands, the Isles of Scilly, Cornwall, south Devon and in parts of Pembrokeshire. Rainfall was well below average in most other areas and less than half the normal fell in northernmost countries of England and over most of Northern Ireland and Scotland. Many eastern parts of Scotland had less than 25 per cent of the average, and at Arbroath (Tayside), the total of 2 mm was the lowest recorded there in any month since February 1934. Much of the month's precipitation was of a wintry nature, although heavy rain fell at times and isolated thunderstorms occurred during the last week.

### Snow

Wintry showers or periods of snow occurred in most areas until about the 17th. The snow was heavy at times, particularly in the Northern Isles at the beginning of the month, in south-west England and South Wales on the 9th/10th and in many districts between the 14th and the 16th. Snowfall was prolonged during the last of these periods, the heaviest falls occurring from the Borders southwards to the north Midlands. Accumulated depths in level snow exceeded 50 cm over the Pennines, but the strong winds caused deep drifts. At lower levels the greatest

depths were mostly recorded in East Anglia, where undrifted depths of between 20 and 30 cm were measured at several places around mid-month. Falls of snow or sleet became less frequent after the 18th, occurring mainly on the 22nd and the 28th. Snow lay throughout the month over high ground in northern areas and also in the Peak District and North Wales, but in general the snow-line receded slightly during the last 10 days.

### Sunshine

With the exception of the eastern coastal strip from Fraserburgh southwards, this was a sunny month in Scotland, with totals exceeding 130 per cent of the average in the Outer Hebrides and in parts of the Highland Region. Sunshine was also above average in north-western England, the north and west Midlands, North Wales and in parts of Northern Ireland. Most remaining areas had less than their normal sunshine for the month and only about 65 per cent of the average was recorded in Kent and in parts of East Anglia. Sunny intervals occurred in northern and some western districts from time to time throughout the month, but it was often dull in southern and eastern England during the first three weeks.

### Fog

Hill fog formed extensively from time to time over England and Wales until the 20th. Occurrences of overnight fog on lower ground were less frequent, but fog developed widely over the Midlands and parts of eastern England on the 6th, when freezing fog persisted until the afternoon in places. Overnight fog patches also formed over low ground in southern and central England between the 19th and the 22nd, and south-eastern counties were affected by fog, which was slow to clear in places, on the 26th. Coastal fog occasionally developed during the first half of the month, and both hill and coastal fog were sometimes associated with precipitation.

### Miscellaneous Phenomena

None reported.

Table 1 District values

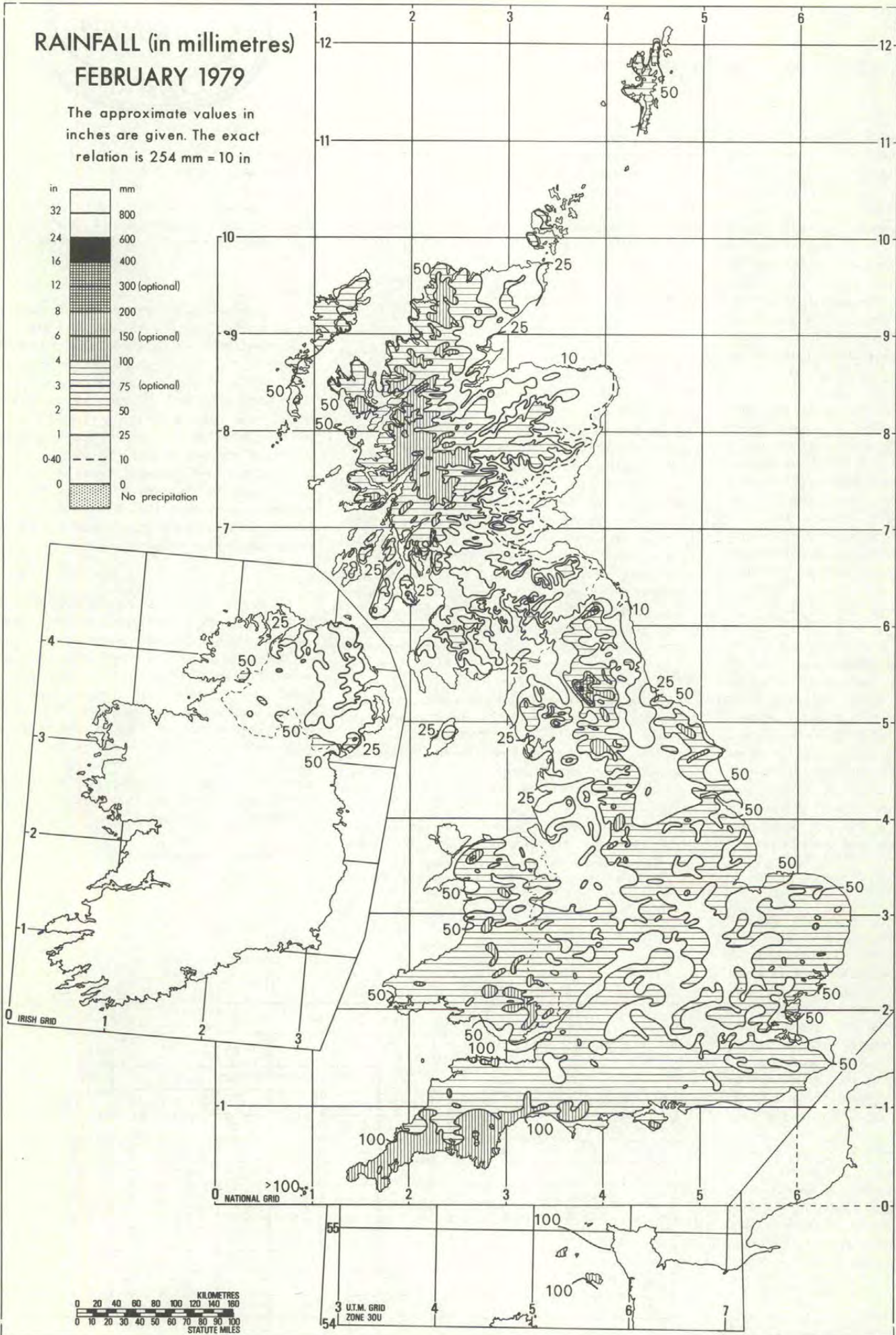
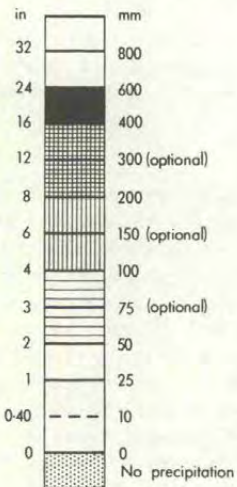
District	air temperature °C					mean 30-cm earth temp °C	rain- days	rainfall	sun- shine
	Highest Max*	Lowest Min*	max.	min.	mean				
0 Scotland N	12.0	−9.2	−1.7	−1.6	−1.7	−1.6	−6	51	127
1 Scotland E	10.3	−15.1	−2.1	−1.6	−1.9	−1.5	−7	21	111
2 England E & NE	8.2	−6.5	−2.8	−1.7	−2.2	−1.7	−2	101	84
3 East Anglia	8.6	−6.5	−3.1	−1.6	−2.3	−1.7	−2	137	74
4 Midland Counties	10.1	−6.7	−3.2	−2.1	−2.6	−1.9	−1	107	96
5 England SE & Central S	10.1	−6.4	−2.5	−1.8	−2.1	−1.7	−1	114	71
6 Scotland W	10.5	−11.0	−1.9	−1.8	−1.9	−1.9	−6	37	121
7 England NW & Wales N	10.1	−8.3	−2.6	−1.7	−2.1	−1.8	−5	55	106
8 England SW & Wales S	11.6	−7.0	−2.4	−2.0	−2.2	−1.7	0	120	85
N Ireland	10.2	−6.7	−2.0	−1.4	−1.7	−1.7	−6	38	103
Scotland	12.0	−15.1	−1.9	−1.7	−1.8	−1.7	−6	36	120
England & Wales	11.6	−8.3	−2.8	−1.8	−2.3	−1.7	−2	106	86

\*Highest maximum and lowest minimum of District Value Stations



# RAINFALL (in millimetres) FEBRUARY 1979

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





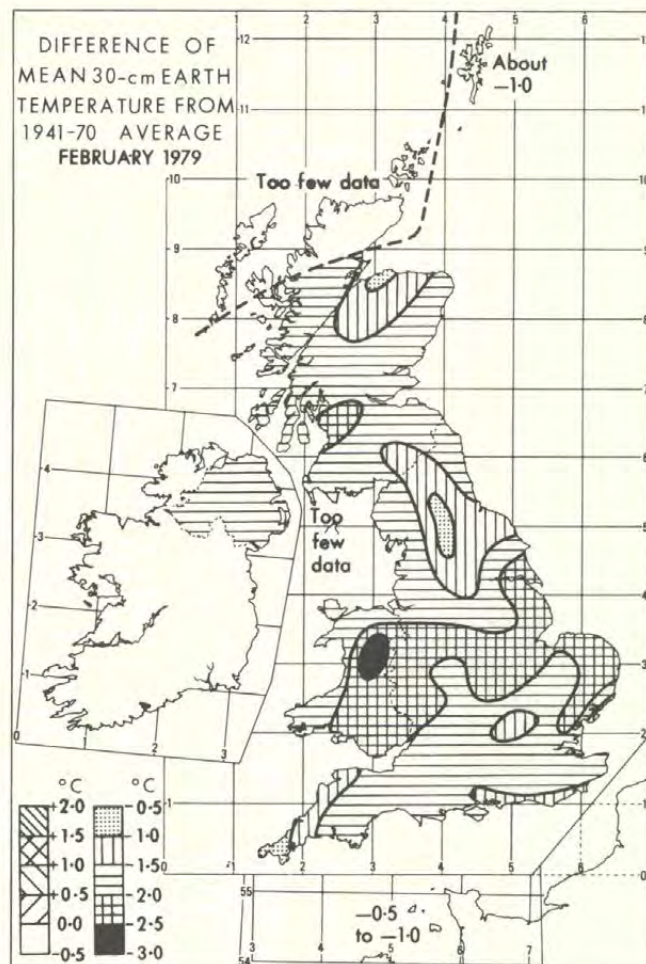
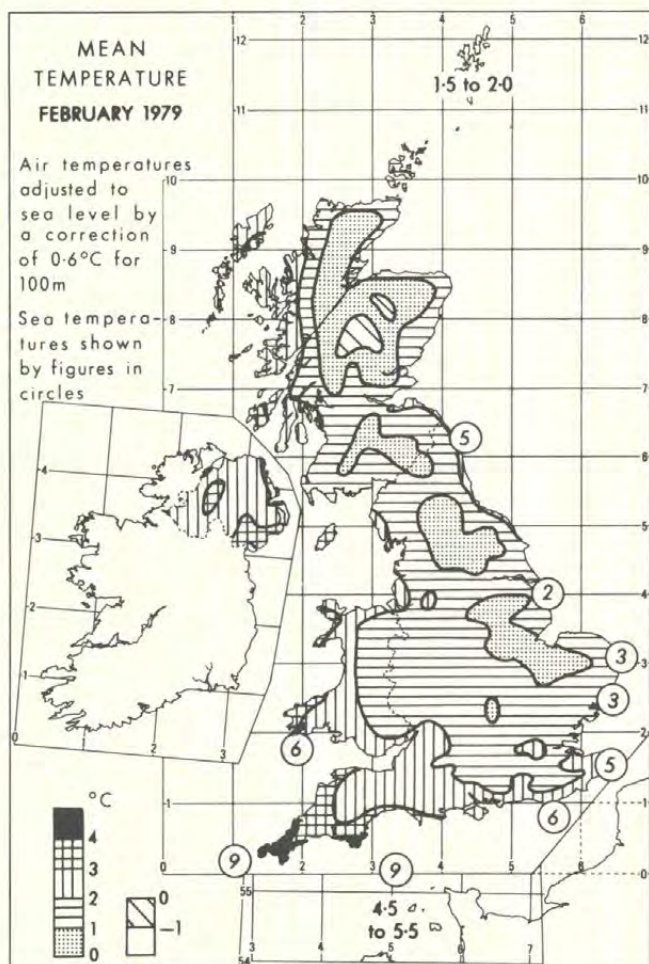
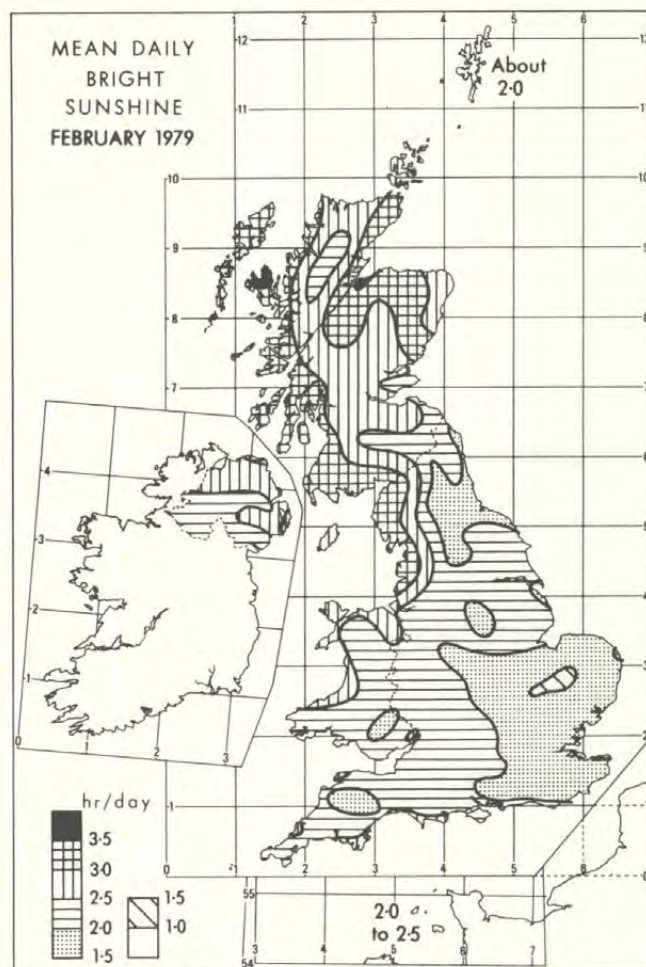
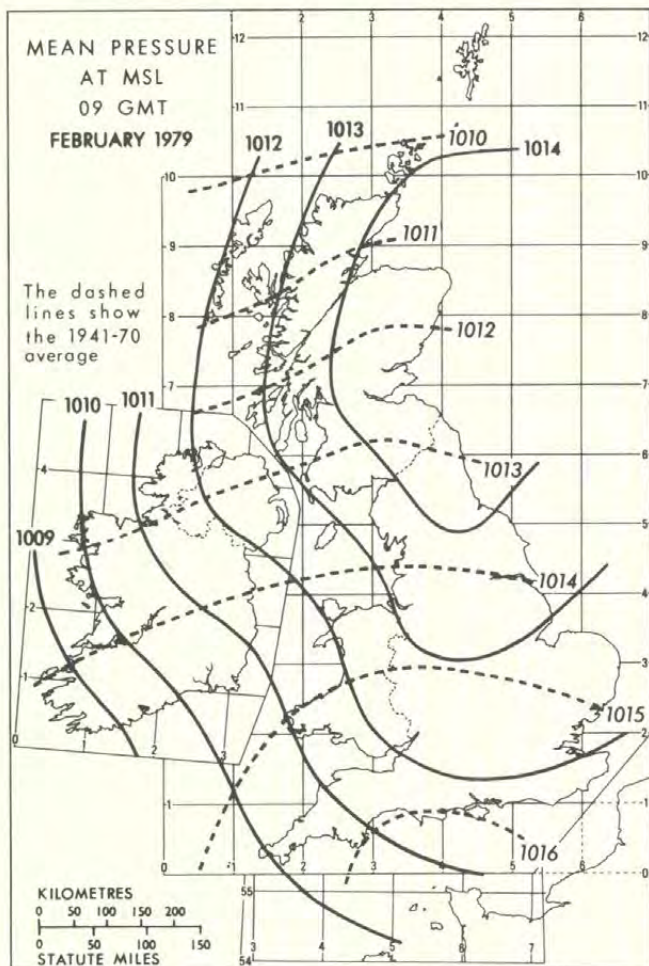




TABLE 2 SOLAR RADIATION

FEBRUARY 1979

STATION	DAILY GLOBAL IRRADIATION ON A HORIZONTAL SURFACE (MEGAJOULES PER SQUARE METRE)						DAILY DIFFUSE IRRADIATION ON A HORIZONTAL SURFACE (MEGAJOULES PER SQUARE METRE)					
	MAX.	DATE	MIN.	DATE	DAILY MEAN	NO. OF DAYS	MAX.	DATE	MIN.	DATE	DAILY MEAN	NO. OF DAYS
LERWICK	7.6	28	0.5	19	3.1	26	3.8	24	0.4	19	2.1	26
ABERDEEN UNIVERSITY	9.1	28	0.5	18	3.7	28						
ESKDALEMUIR	9.3	22	0.8	26	4.9	27	4.6	16	0.8	26	2.7	27
MOOR HOUSE	10.6	23	1.5	27	5.2	28						
SUTTON BONINGTON												
GRAFHAM WATER												
ABERPORTH	12.2	28	0.6	1	5.0	28	4.6	24	0.6	1	2.9	28
CARDINGTON	10.7	25	0.8	1	4.2	28	5.0	24	0.8	1	2.9	28
SILSOE	11.8	25	0.8	11	4.3	28	4.8	24	0.8	11	2.9	28
ROTHAMSTED												
GARSTON												
WALLINGFORD	9.7	26	0.5	1	3.9	28						
LONDON WEATHER CENTRE												
KEW	10.0	25	0.8	1	3.7	28	5.1	27	0.6	1	2.6	28
EASTHAMPTON	11.2	25	0.7	1	3.9	28	4.6	27	0.6	1	2.5	28
EAST MALLING	9.5	27	0.5	1	3.5	28						
RUSTINGTON												
WAREHAM	12.6	25	1.2	9	4.4	28						
JERSEY AIRPORT	13.7	25	1.2	17	5.0	28	5.6	24	1.2	17	2.9	28
ALDERGROVE	9.3	28	1.2	13	4.4	28	4.9	24	1.2	13	2.7	28

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

FEBRUARY 1979

DISTRICT REGION/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 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	DRASS 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 SCOTLAND N																																	
SHEPHERD																																	
BALASOUND ...	9 9	24	3.7	-0.4	1.7	-1.4	7.5	25	-5.0	15	2.5	33	33	7	27	18	13	9	19	1	0	0	0	15	-	3	1.87	119	-	-	-		
FAIR ISLE ...	9 9	57	3.5	1.1	2.3	-	7.4	27	-2.7	3	2.6	3.8	34	-	9	1	15	10	16	13	3	12	1	0	7	21	-	2.29	-	-	-		
LERWICK	21-9	82																															
PSYCHROMETER ...			2.6	-0.6	1.0	-	6.5	25	-4.7	6	-	-	55	-	19	2	17	13	14	19	1	7	1	0	17	24	22	5	2.22	116	-	-	
SCREEN ...			2.8	-0.5	1.1	-1.7	6.6	25	-4.3	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
ORKNEY																																	
KIRKALL AIRPORT	21-9	26	3.4	-0.2	1.6	-1.8	7.6	25.27	-3.7	6	-	-	44	55	16	2	14	9	14	14	1	8	0	0	15	20	21	0	2.82	126	-	-	
WEYLAND ...	9 9	24	3.8	0.3	2.1	-	8.3	25	-2.4	15	1.7	-	49	-	11	2	15	13	6	11	0	0	0	0	15	23	-	0	-	-	-	-	
WESTERN ISLES																																	
BENBECULA ...	21-9	6	5.1	0.3	2.7	-1.8	8.3	25	-4.4	16	-	-	52	57	17	26	15	12	9	0	0	5	0	0	15	20	20	2	3.49	131	-	-	
SCALPAY ...	9 9	18	5.2	1.4	3.3	-	9.0	25	-2.5	2.8	-	-	47	-	14	26	12	10	4	0	3	0	0	0	7	20	0	3	3.17	-	-	-	
STORNOWAY ...	21-9	15	4.8	0.7	2.7	-1.4	9.3	25	-3.7	4	-	-	33	40	7	26	12	8	9	3	0	7	0	0	13	22	21	0	3.15	135	-	-	
HIGHLAND																																	
ACHARY ...	9 9	107	2.9	-4.0	-0.5	-	9.1	25.27	-11.7	6	1.8	-	33	-	8	25	13	7	11	24	0	0	0	1	24	26	-	0	2.16	-	-	-	
ACHNASHELLACH ...	9 9	67	4.6	-2.1	1.3	-1.4	12.0	20	-8.7	8	-	-	106	61	33	26	11	11	9	-	-	-	-	-	18	-	-	-	-	-	-	-	
CAPE WRATH ...	21-9	112	4.5	0.3	2.4	-1.5	12.0	20	-3.5	14.15	-	-	42	50	8	26	13	10	9	1	1	4	0	0	15	16	16	4	2.98	-	-	-	
CASSLEY ...	9 9	99	2.8	-3.3	-0.3	-	9.5	25.26	-11.0	6	-	-	82	-	16	25	15	11	-	-	-	-	-	-	20	27	-	-	-	-	-	-	
CORPACH ...	9 9	8	5.0	-1.9	1.5	-	10.0	20.23	-7.2	8	-	-	80	-	36	26	8	7	4	3	0	0	0	0	16	-	-	-	-	-	-	-	
DALCROSS ...	9 9	11	4.1	-2.3	0.9	-	8.8	27	-11.8	16	-	-	15	37	7	26	7	3	-	1	-	-	-	0	19	22	-	-	-	-	-	-	
DALWHINNIE ...	9 9	351	1.0	-6.5	-2.7	-	5.5	26	-14.1	9	-	-	44	-	23	26	9	7	11	24	0	0	0	1	27	26	-	-	-	-	-	-	
DIABLO ...	9 9	60	5.7	0.4	3.1	-	12.5	20	-5.0	15	-	-	50	-	16	26	10	8	8	2	0	2	0	-	13	-	-	-	-	-	-	-	
DOUNREAY ...	9 9	21	4.3	-1.0	1.7	-	10.0	25	-7.6	16	-	-	35	53	9	2	15	8	6	18	0	1	0	0	17	23	-	1	2.82	-	-	-	
FORT AUGUSTUS ...	9 9	21	4.1	-2.9	0.6	-2.2	9.9	23	-9.8	9	-	-	54	-	22	26	8	7	10	15	0	2	0	0	19	-	-	0	3.16	156	-	-	
FORTROSE ...	9 9	5	3.9	-	-	-	8.2	23	-	-	-	-	18	42	4	2.25	8	5	-	3	-	-	-	0	-	-	-	-	-	3.25	127	-	-
GEISEIL ...	9 9	12	4.8	-1.4	1.7	-	10.6	20	-8.1	16	-	-	66	-	14	26	12	11	-	-	-	-	-	15	-	-	-	-	-	3.32	-	-	
GLENMORE LODGE ...	9 9	341	2.7	-5.4	-1.3	-	8.6	20	-13.0	9	-	-	36	46	10	17	12	6	9	25	0	0	0	0	25	27	26	0	2.80	-	-	S	
GRANTOWN-ON-SPEY ...	9 9	229	2.3	-5.5	-1.6	-	8.0	27	-13.6	7	-	-	17	-	6	26	9	4	10	25	0	0	0	0	24	27	-	0	3.07	-	-	-	
HEARST ...	9 9	109	4.6	-1.3	1.7	-	9.8	20	-7.9	16	-	-	72	-	20	26	10	9	7	3	0	0	0	0	19	23	-	0	-	-	-	-	
INVERGORDON ...	9 9	15	4.4	-1.8	1.3	-	8.7	23	-10.3	7.8	-	-	18	-	5	2	8	6	-	9	-	-	-	0	20	-	-	-	-	-	-	-	
INVERNESS ...	9 9	4	4.4	-1.8	1.3	-	9.4	20	-9.1	16	-	-	19	45	7	26	7	4	4	4	0	0	0	0	19	23	-	0	3.46	-	-	-	
INVERPOLLY ...	9 9	14	4.9	-1.0	1.9	-	11.7	20	-9.2	15	2.1	-	69	-	14	26	13	9	8	15	1	5	0	0	13	24	-	0	-	-	-	S	
ISLE OF RHUM ...	9 9	5	5.3	-0.3	2.5	-	9.6	23	-7.8	8	1.9	4.2	96	60	30	26	11	11	4	1	0	4	0	0	12	21	-	3	3.29	-	-	-	
KEISS ...	9 9	30	4.1	-0.7	1.7	-	8.7	25	-6.0	6	1.6	2.7	19	-	5	2	15	5	9	8	0	7	0	1	15	19	-	1	3.30	-	-	-	
KNOCKANROCK ...	9 9	244	2.4	-2.4	0.0	-	8.2	20	-9.4	16	-	-	83	46	18	25	10	24	0	0	0	0	0	0	22	26	-	0	-	-	-	-	
LAGGANLIA ...	9 9	250	2.4	-7.4	-2.5	-	7.0	23	-16.4	9	-	-	17	-	11	26	8	2	11	22	0	0	0	0	23	26	-	0	-	-	-	-	
LAIRG ...	9 9	107	3.0	-4.2	-0.6	-	8.9	25	-12.1	6	0.7	2.8	33	-	8	25	14	10	9	20	0	0	0	0	3	23	26	-	0	-	-	-	
LENTON ...	9 9	146	3.2	-3.2	0.0	-	7.7	23	-10.9	16	1.0	-	21	-	7	26	10	5	6	15	0	0	0	0	20	27	-	0	-	-	-	-	
MAIRN ...	9 9	6	4.1	-2.8	0.7	-2.6	9.3	27	-11.3	16	-	-	18	47	9	26	8	4	4	1	0	0	0	0	22	24	-	0	3.75	138	-	-	
ONICH ...	9 9	15	5.1	-1.5	1.8	-1.8	10.5	23	-7.0	5.9	-	-	97	64	42	26	9	8	-	7	-	-	-	1	16	25	-	0	2.70	125	-	S	
POOLEWE ...	9 9	6	5.4	-0.7	2.3	-	12.9	20	-7.9	16	-	-	68	-	23	26	10	9	7	2	0	1	1	0	15	-	-	0	3.37	-	-	S	
PRABOST ...	9 9	67	4.4	-1.3	1.5	-	8.3	20	-7.1	16	-	-	50	37	17	26	10	7	6	6	1	2	0	0	20	23	-	5	3.88	-	-	-	
STRATHCONON ...	9 9	107	4.3	-4.2	0.1	-	11.3	20	-15.2	16	-	-	67	-	16	27	12	9	11	13	0	0	0	0	-	23	-	0	-	-	-	-	
TARBATNESS ...	21-9	18	4.1	0.0	2.1	-1.4	9.6	25	-5.4	6	-	-	14	-	5	21	7	4	4	0	1	0	0	0	-	24	-	0	-	-	-	-	
TOMATIN ...	9 9	311	1.7	-5.2	-1.7	-	7.1	27	-13.2	9	-	-	23	-	11	26	10	4	10	-	0	0	0	0	-	23	-	0	-	-	-	-	
TORRISDALE ...	9 9	27	3.9	-1.0	1.5	-	10.0	25	-6.9	16	-	-	43	-	10	2	16	10	9	13	0	3	0	0	-	24	-	1	2.92	-	-	S	
WICK ...	21-9	36	3.6	-0.6	1.5	-1.8	8.6	25	-9.2	6	-	-	24	40	7	3	17	5	9	12	0	9	0	1	15	23	21	0	3.31	126	-	-	



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

25  
FEBRUARY 1979

DISTRICT REGION/COUNTY AND PLACE	MAX. TERMINAL HEIGHT MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C								MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL H 09 GMT)		WEATHER (NUMBER OF DAYS)										BRIGHT SUNSHINE								
			MEANS OF		DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	AMOUNT (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																							
1 SCOTLAND E																																	
GRAMPIAN																																	
ABERDEEN																																	
DYCE AIRPORT ...	21-9	58	3.3	-1.3	1.0	-1.6	8.2	26	-7.6	6			10	17	3	16	7	5	11	3	0	11	0	0	16	23	23	0	2.82	100	-	-	
MANNOFIELD ...	9 9	52	3.5	-1.5	1.0	-1.7	8.8	27	-7.4	6			7	13	2	26	7	3	10	2	0	0	0	0	17	25	25	0	-	-	-	-	
BALMORAL ...	9 9	283	1.7	-5.2	-1.7	-2.4	7.9	27	-14.3	6			27	43	7	17	9	6	8	27	0	0	0	0	24	27	1	2.73	-	-	-	-	
BANCHORY ...	9 9	94	3.8	-2.7	0.5	-	9.5	26	-9.9	6			11	3	16		8	5	13	24	0	0	0	0	23	23	0	-	-	-	-	-	
BANFF ...	9 9	24	3.7	-0.2	1.7	-	10.0	27	-4.3	6			9	18	3	2	8	4	6	0	0	0	0	13	23	1	2.86	-	-	-	-	-	
BREAR ...	9 9	339	1.5	-5.3	-1.9	-2.4	6.5	26	-15.1	6			18	27	6	26	10	5	-	28	0	-	-	0	23	26	2	2.55	127	5	-	-	
CLASHNOIR ...	9 9	338	1.0	-5.3	-2.1	-	6.3	27	-12.3	7	0.4		28	8	26		16	9	15	27	0	1	0	1	26	28	0	3.23	-	-	-	-	
CRAIBSTONE ...	9 9	91	3.0	-1.5	0.7	-1.9	7.8	27	-6.7	6	0.7	2.3	8	15	3	16	6	3	8	19	0	0	0	0	17	25	0	2.87	101	-	-	-	
CULTERTY ...	9 9	3	3.9	-1.5	1.2	-	9.6	27	-6.9	7			9	20	2	26	9	5	6	-	0	0	0	0	17	21	0	2.83	-	-	-	-	
ELGIN ...	9 9	15	4.5	-1.7	1.4	-	10.5	27	-9.8	16			19	40	6	26	13	5	11	4	0	2	0	0	17	26	0	3.35	-	-	-	-	
FOREHILL ...	9 9	40	3.3	-1.2	1.1	-	8.7	26	-5.1	7			10	-	-	-	11	4	7	5	0	0	0	0	15	20	0	-	-	-	-	-	
FORRES ...	9 9	5	4.3	-2.1	1.1	-1.8	10.0	27	-13.6	16	0.4	2.5	22	-	-	-	9	6	12	15	0	6	0	0	19	25	0	3.40	126	-	-	-	
FRASERBURGH ...	21-9	19	3.9	0.2	2.1	-	9.0	27	-4.0	14, 15			11	21	3	2	12	5	9	0	0	1	0	0	13	21	19	1	1.84	-	-	-	-
FYVIE CASTLE ...	9 9	55	3.2	-3.8	-0.3	-	9.5	26, 27	-12.5	15			-	-	-	-	-	-	-	-	0	0	0	-	-	-	0	-	-	-	-	-	
GARTLY ...	9 9	146	2.7	-3.4	-0.3	-	8.9	26	-12.6	15			14	-	-	-	10	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
GLENLIVET ...	21-9	215	2.8	-4.1	-0.7	-	8.8	27	-12.1	7, 16			20	30	8	26	11	6	12	20	0	0	0	0	23	26	27	0	3.29	-	-	-	-
INVERURIE ...	9 9	54	3.5	-2.9	0.3	-	10.4	26	-9.8	7			11	-	-	-	9	4	13	18	0	0	0	0	21	24	0	2.99	-	-	-	-	
KEITH ...	9 9	106	3.0	-3.6	-0.3	-	9.4	27	-11.3	6			15	-	-	-	8	3	9	21	0	0	0	-	21	27	0	3.54	-	-	-	-	
KINLOSS ...	21-9	5	4.3	-1.9	1.2	-1.9	10.3	27	-12.5	16	1.8		20	51	7	26	11	5	14	5	0	4	0	0	17	25	24	0	3.52	-	-	-	-
LOSSIEMOUTH ...	21-9	6	4.8	-1.5	1.7	-	10.7	27	-8.3	16			14	35	5	26	6	4	13	3	0	7	0	0	18	23	24	0	-	-	-	-	-
STONEHAVEN ...	9 9	4	4.4	-0.7	1.9	-1.3	9.0	26	-5.4	6			5	9	2	16	5	3	5	-	0	0	0	0	15	-	2	2.74	98	-	-	-	-
TAYSIDE																																	
ARBROATH ...	9 9	29	3.7	-0.7	1.5	-	9.0	26	-4.2	6, 15			2	5	1	21	4	1	5	0	0	0	0	0	16	25	-	0	3.30	106	-	-	-
ARDALNAIG ...	9 9	130	2.9	-2.3	0.3	-	7.9	23	-7.1	5			28	27	13	26	11	6	11	6	0	0	0	0	22	25	-	1	2.91	-	-	-	-
DALL ...	9 9	232	2.4	(-6.6)	(-2.1)	-	7.1	26	-14.6	9			42	46	14	26	11	9	14	26	0	0	0	0	25	25	0	-	-	-	-	-	-
DRUMMOND CASTLE ...	9 9	113	3.0	-2.7	0.1	-	8.3	23	-7.1	6	0.6		19	-	7	26	8	5	9	25	0	0	0	-	20	26	0	2.94	-	-	-	-	-
DUNDEE ...	9 9	45	3.7	-1.3	1.2	-1.9	8.5	23	-5.6	6	0.4		6	13	2	16	6	4	10	10	0	0	0	1	16	26	0	2.91	101	-	-	-	-
FASKALLY ...	9 9	94	3.1	-4.6	-0.7	-	9.9	26	-11.9	9	0.1	2.5	13	20	5	26	8	4	11	25	0	0	0	0	21	26	0	-	-	-	-	-	-
KINDROGAN ...	9 9	259	1.2	-5.6	-2.2	-	6.6	26	-13.9	2			18	-	6	26	9	6	10	28	0	0	0	0	1	26	27	0	-	-	-	-	-
KINROSS ...	9 9	116	3.1	-2.5	0.3	-	8.6	23	-6.8	5	0.2		26	-	(15)	26	6	6	-	7	-	-	-	1	23	25	-	2.42	-	-	-	-	-
MONTROSE ...	9 9	57	3.4	-1.4	1.0	-	7.8	26	-6.0	7			7	14	2	26	7	2	10	0	0	8	0	0	17	25	-	0	-	-	-	-	-
MYLNEFIELD ...	9 9	30	3.4	-1.9	0.7	-	8.1	27	-6.8	7	0.6	3.3	11	23	5	14	6	4	9	6	0	0	0	1	20	27	0	2.59	-	-	-	-	-
PERTH ...	9 9	23	(3.9)	(-3.3)	(0.3)	(-2.5)	8.9	23	-9.5	5			8	15	2	17, 22	7	2	-	2	-	-	-	0	25	-	-	-	-	-	-	-	-
STRATHALLAN ...	9 9	41	3.6	-2.5	0.5	-	9.0	23	-7.9	7			7	-	2	21	7	4	11	8	0	0	0	1	21	-	0	-	-	-	-	-	-
USAN ...	21-9	30	3.7	-0.4	1.7	-	9.0	26	-6.0	14			2	-	<1	16	4	0	6	0	0	0	0	0	15	19	18	1	3.16	-	-	-	-
WHITEHILLOCKS ...	9 9	258	2.4	-3.1	-0.3	-	7.2	26	-10.2	7			(18)	(21)	5	16	11	9	11	26	0	0	0	0	25	26	-	0	-	-	-	-	-
FIFE																																	
BELLISTON ...	9 9	82	3.5	-1.0	1.3	-	8.0	23	-5.6	15	1.4		6	13	2	16	7	3	7	3	0	0	0	2	20	26	-	2	-	-	-	-	-
CUPAR ...	9 9	36	3.8	-2.5	0.7	-	7.8	23	-8.5	7	0.3		9	-	3	16	9	4	12	7	0	0	0	-	20	26	0	2.49	-	-	-	-	-
LEUCHARS ...	21-9	10	3.9	-1.3	1.3	-2.0	8.6	23	-7.1	7			5	12	2	17	5	2	13	4	0	1	0	0	20	24	21	0	2.80	93	-	-	-
PITREAVIE ...	21-9	40	4.1	-0.6	1.7	-	9.1	23	-5.6	15			8	17	2	21	9	3	9	6	0	0	0	3	16	24	0	-	-	-	-	-	-
ST ANDREWS ...	9 9	18	4.1	-1.1	1.5	-	9.5	26	-6.1	6	0.6	3.1	4	8	2	17	4	2	6	0	0	0	0</										



[illegible]



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

FEBRUARY 1979

DISTRICT REGION/COUNTY AND PLACE		MAX. TERMINAL HIGHT MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE HSL (FEET)	AIR TEMPERATURE IN DEGREES C						MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL H 09 GMT)		WEATHER (NUMBER OF DAYS)										BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
				MEANS OF		HIGHEST MAXIMUM	DATE	LOWEST MINIMUM	DATE	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	DRESS 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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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TABLE 3 SUMMARY OF DAILY OBSERVATIONS

FEBRUARY 1979

DISTRICT REGION/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		50 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY AMOUNT (MM)	DATE	PRECIP- ITATION 0.2 MM OR MORE 1.0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 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																						
4 MIDLAND COUNTIES																																
WEST YORKSHIRE																																
BRADFORD ...	9 9	134	2.5	-1.8	0.3	-2.6	7.1	27	-6.7	15	1.6	3.4	74	103	20	12	8	7	8	28	0	0	0	5	22	27	-	0	2.05	104	S	
BRAMHAM ...	9 9	54	2.7	-2.8	-0.1	-	7.4	26.27	-7.1	15	-	-	44	90	16	12	11	8	7	13	0	0	0	2	25	25	-	0	-	-	-	
HUDDERSFELD (OAKES)	21-9	232	1.9	-1.9	0.0	-2.6	6.6	26.27	-7.8	15	1.1	2.9	57	68	14	12	14	9	17	28	0	1	7	6	25	26	26	1	-	-	-	
ILKLEY ...	9 9	83	(3.2)	(-1.7)	(0.7)	(-2.3)	7.4	26.28	-6.5	15	-	-	49	71	12	12	12	8	5	19	0	0	0	2	(21)	(24)	-	(1.85)	(86)	-	-	
PONTEFRAC	9 9	78	2.8	-1.4	0.7	-2.6	8.4	23	-5.9	15	-	-	(44)	(111)	16	12	10	7	11	16	0	0	0	4	21	-	-	-	-	-	-	
TODMORDEN	9 9	160	2.9	-1.7	0.6	-	7.4	23	-7.4	15	-	-	-	-	15	27	11	8	10	10	0	4	0	3	22	-	-	2	-	-	-	
WILSON ...	9 9	262	1.3	-2.5	-0.6	-	6.5	24	-8.1	15	-	-	-	-	-	-	11	-	11	28	0	1	0	6	26	-	-	0	-	-	-	
SOUTH YORKSHIRE																																
FINNINGLEY	21-9	10	3.2	-1.3	0.9	-	9.0	26	-6.1	15	-	-	60	150	15	27	13	9	9	12	0	5	0	1	21	28	23	0	2.23	-	-	
SHEFFIELD																																
DORE ...	9 9	206	1.9	-1.9	0.0	-	6.7	26	-8.7	16	-	-	103	-	20	27	16	11	11	28	0	0	0	8	23	28	-	0	-	-	-	
WESTON PARK	9 9	131	2.6	-1.2	0.7	-2.8	7.2	26	-6.3	15	1.5	3.5	79	117	17	12	17	12	8	28	0	0	0	-	22	(28)	-	0	1.80	93	S	
DERBYSHIRE																																
ASHOVER ...	9 9	178	-	-	-	-	-	-	-	-	-	-	51	69	17	27	11	8	-	25	-	-	-	-	-	-	-	-	-	-	-	-
BARBROOK ...	9 9	323	1.6	-3.3	-0.9	-	4.4	26	-10.9	2	-	-	51	69	17	27	11	8	-	25	-	-	-	-	13	27	27	-	-	1.77	-	-
BUXTON ...	9 9	307	1.4	-2.8	-0.7	-2.4	5.5	26	-5.9	8.16	0.6	2.1	74	74	15	27	13	9	10	28	0	0	0	8	26	27	-	0	-	-	S	
DERBY ...	9 9	48	3.3	-1.5	0.9	-	8.8	26	-5.8	15	-	-	51	110	21	27	11	10	8	4	0	0	0	3	22	27	-	0	2.00	-	-	
WINGERWORTH	9 9	116	2.2	-2.4	-0.1	-	6.6	26	-7.2	6	1.2	-	78	-	24	27	17	11	12	27	0	0	0	9	24	28	-	0	1.95	-	-	
NOTTINGHAMSHIRE																																
MANSFIELD	9 9	114	2.5	-1.8	0.3	-2.8	6.8	26	-6.0	15	-	-	57	-	24	27	16	9	8	26	0	0	0	2	23	27	-	0	-	-	-	
NEWTHORPE	9 9	58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NOTTINGHAM	9 9	59	3.4	-1.0	1.2	-2.5	8.5	26	-5.1	15	0.9	2.2	58	146	15	1	11	8	11	9	0	0	0	11	19	26	-	0	2.06	109	-	
SUTTON BONINGTON	9 9	48	3.5	-2.0	0.7	-2.7	8.1	23	-6.3	15	2.0	3.4	53	127	17	27	12	8	9	11	0	0	0	2	26	27	27	0	2.19	97	-	
WARSOP	9 9	46	2.8	-1.8	0.5	-	7.3	26	-6.3	25	-	-	73	161	16	27	13	11	7	19	0	0	0	4	23	28	-	0	1.82	-	-	
WATNALL	21-9	117	2.4	-1.5	0.5	-2.8	8.1	26	-6.2	15	-	-	65	123	21	27	15	10	13	23	0	7	0	9	23	26	26	0	1.92	92	-	
STAFFORDSHIRE																																
KEELE ...	9 9	179	2.4	-1.9	0.3	-	8.0	23	-6.9	15	0.9	3.4	34	63	12	27	12	8	10	25	0	0	0	4	24	28	28	0	2.15	-	-	
DAKEN ...	9 9	125	2.9	-1.8	0.5	-2.4	8.2	26	-6.7	15	1.8	-	53	115	20	27	8	8	6	11	0	0	0	4	22	24	-	0	-	-	S	
PENKRIDGE	9 9	101	3.2	-1.7	0.7	-	8.0	26	-6.5	15	-	-	37	81	14	1	11	10	6	9	0	0	0	1	22	25	-	0	-	-	S	
STONE	9 9	107	2.5	-2.0	0.3	-	7.8	26	-6.0	15	-	-	34	71	10	27	12	9	13	21	0	0	0	3	25	28	-	0	1.86	-	-	
LEICESTERSHIRE																																
CALDECOTT	9 9	53	2.8	-1.5	0.7	-	7.8	27	-7.0	25	-	-	46	115	16	1	15	8	8	9	0	0	0	4	20	28	-	0	1.70	-	-	
NEWTOWN LINCOLN	9 9	119	2.6	-1.8	0.4	-	7.2	26	-6.2	15	-	-	58	123	15	27	15	10	9	17	0	1	0	7	25	26	-	0	1.94	-	-	
SALOP																																
HAMPTON LODGE	9 9	70	3.5	-1.4	1.1	-	8.0	23.26	-6.0	16	-	-	57	-	23	27	9	7	-	-	-	-	-	-	19	-	-	-	2.33	-	-	
NEAPORT	9 9	64	3.4	-1.6	0.9	-2.2	8.5	26	-6.0	15	-	-	32	77	10	27	10	9	11	8	0	0	0	4	19	24	-	0	2.32	107	S	
OSWESTRY	9 9	174	2.7	-1.8	0.5	-2.7	7.3	26	-7.2	15	-	-	60	91	18	1	13	11	12	23	0	0	0	4	22	26	-	0	2.45	100	S	
PRESTON MONTFORD	9 9	67	3.4	-1.7	0.9	-	9.2	26	-6.8	15	-	-	40	-	11	27	12	11	7	20	0	0	0	0	22	26	-	0	2.26	-	S	
SHAWBURY	21-9	72	3.4	-1.8	0.8	-2.7	8.6	26	-6.6	15	-	-	36	83	11	27	12	9	13	16	0	6	0	2	21	26	25	0	2.37	103	-	
SHREWSBURY	9 9	55	3.5	-1.3	1.1	-2.6	8.8	23	-5.9	15	1.8	3.5	38	92	11	27	11	8	8	6	0	0	0	5	19	25	-	0	2.42	103	-	
WEST MIDLANDS																																
BIRMINGHAM																																
EDGBASTON	21-9	163	2.6	-1.1	0.7	-2.8	7.4	23	-6.7	15	2.9	5.4	58	108	19	1	15	9	14	23	0	3	0	6	22	26	26	0	2.31	114	-	
ELMDON AIRPORT	21-9	96	3.0	-1.3	0.9	-2.4	8.0	27	-6.7	25	-	-	50	-	18	1	11	7	12	9	0	7	0	4	21	27	26	0	2.35	106	-	
KING EDWARD'S SCHOOL	9 9	137	3.0	-1.4	0.8	-	7.4	23.27	-5.0	16	-	-	58	116	19	1	13	9	5	6	0	0	0	1	23	-	-	0	-	-	-	
COVENTRY AIRPORT	9 9	81	3.0	-1.8	0.6	-	8.2	27																								



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

FEBRUARY 1979

DISTRICT REGION/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 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	ORLE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
					MAX. (A)	MIN. (B)				MAX.	DATE																					MIN.	DATE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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TABLE 3 SUMMARY OF DAILY OBSERVATIONS

FEBRUARY 1979

DISTRICT REGION/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	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																					
7A ENGLAND NW & I.O.M.																															
CUMBRIA																															
CARLISLE ...	21-9	26	4.2	-0.9	1.7	-	9.0	23	-7.0	2	1.6	3.3	17	33	9	27	10	3	12	5	0	0	0	1	15	24	22	0	3.16	-	
CARTMEL ...	9 9	35	3.9	-1.2	1.3	-	8.6	24	-5.5	2	-	-	47	-	14	3	12	8	1	0	0	0	0	16	-	-	-	0	-	-	
ESKMEALS ...	9 9	8	4.8	-0.5	2.1	-	9.0	23	-5.2	2	-	-	29	-	8	3	8	5	-	-	0	0	0	13	20	20	2	3.35	-	-	
GRIZEDALE ...	9 9	91	3.9	-2.4	0.7	-	8.9	24	-6.6	2	1.2	-	31	23	9	27	8	5	7	20	0	0	0	0	23	27	0	-	-	-	
MOOR HOUSE ...	9 9	556	-1.3	-5.1	-3.2	-	1.9	26	-11.5	2	0.7	-	-	-	-	-	-	15	28	1	0	0	0	12	27	28	7	1.49	-		
NEWTON RIGG ...	9 9	171	3.3	-2.0	0.7	-1.8	8.4	26	-8.3	2	0.4	-	20	28	7	27	7	5	7	8	0	0	0	0	17	26	0	2.83	116	5	
SELLAFIELD ...	9 9	13	4.9	0.0	2.5	-	9.0	23	-4.4	15	-	-	22	29	7	3	9	4	-	0	-	-	-	4	12	23	-	3.22	-	-	
LANCASHIRE																															
AUGHTON ...	21-9	54	3.9	-0.3	1.8	-	8.1	24	-5.8	15	1.7	3.2	25	-	10	27	7	5	7	0	1	2	0	0	14	21	23	0	2.96	-	
HAZELRIGG ...	9 9	95	3.7	-0.9	1.4	-	8.3	23	-5.9	15	1.3	-	28	-	13	27	10	6	9	2	0	1	0	1	15	21	23	2	3.07	-	
HELMESHORE ...	9 9	260	1.8	-2.1	(-0.1)	-	5.9	23	-8.2	15	-	-	59	56	35	21	7	7	1	22	0	0	0	4	24	-	0	-	-	-	
KIRKHAM ...	9 9	24	3.9	-0.7	1.6	-	8.1	23, 24	-5.9	15	-	-	23	38	11	27	9	5	4	1	0	1	0	0	17	21	-	0	2.99	-	
MORECAMBE ...	9 9	7	4.1	-0.4	1.9	-1.8	9.2	23	-5.6	15	-	-	24	40	12	27	10	5	4	4	0	0	0	0	14	-	-	0	3.09	120	
PRESTON ...	9 9	33	4.0	-0.6	1.7	-	9.2	23	-5.5	15	-	-	24	39	9	27	10	5	7	3	0	1	0	1	16	23	-	0	-	-	
SLADBURN ...	9 9	192	2.3	-1.7	0.3	-	7.2	23	-6.4	15	-	-	35	32	11	27	12	9	10	9	0	2	0	-	21	26	-	0	2.66	5	
SQUIRES GATE AIRPORT ...	21-9	10	4.3	-0.6	1.9	-2.0	8.9	24	-5.1	14, 15	-	-	25	47	13	27	9	5	7	2	0	3	0	0	16	24	19	0	3.08	117	-
MERSEYSIDE																															
ALBURNTH ...	9 9	12	4.2	-0.2	2.0	-	8.4	26	-5.1	15	-	-	26	-	12	27	8	5	7	0	0	0	0	1	15	21	22	0	2.45	-	
BIDSTON ...	9 9	60	3.6	0.0	1.8	-	7.6	26, 27	-5.2	15	-	-	28	65	12	27	10	6	9	1	0	0	0	1	13	21	-	0	2.54	-	
ST HELENS ...	9 9	76	3.9	-1.0	1.5	-	9.3	23	-5.4	15	0.8	-	24	-	10	27	7	5	9	1	0	0	0	-	14	-	0	2.51	-	5	
SOUTHPORT ...	9 9	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WEST KIRBY PARK ...	9 9	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
GREATER MANCHESTER																															
BOLTON ...	9 9	107	1.3, 2	-1.5	(0.9)	-	7.8	26	-6.8	15	1.8	3.0	23	-	7	1	10	6	2	10	0	0	0	0	19	22	-	0	2.46	124	5
MANCHESTER ...	9 9	107	1.3, 2	-1.5	(0.9)	-	7.8	26	-6.8	15	1.8	3.0	23	-	7	1	10	6	2	10	0	0	0	0	19	22	-	0	2.46	124	5
RINGWAY AIRPORT ...	21-9	75	3.8	-0.4	1.7	-2.0	8.4	26	-5.4	14, 15	-	-	24	45	10	27	8	3	9	4	0	3	0	1	14	21	22	0	2.47	113	-
WEATHER CENTRE (X) ...	21-9	69	4.5	0.5	2.5	-	9.7	26	-5.1	14, 15	-	-	20	-	9	27	7	5	9	-	0	0	0	0	9	-	-	0	2.42	-	-
CHESHIRE																															
KNUTSFORD ...	9 9	65	4.0	-1.4	1.3	-	8.9	23	-5.6	15	1.1	2.4	34	63	11	27	11	6	7	7	0	0	0	-	17	24	-	0	-	-	
MACCLESFIELD ...	9 9	152	2.8	-1.6	0.6	-2.3	7.9	26	-6.8	15	-	-	27	43	11	27	11	5	6	20	1	0	0	1	21	-	0	-	-	-	
NESS GARDENS ...	9 9	30	4.0	-1.2	1.4	-	9.4	26	-5.8	15	2.0	-	31	66	11	27	9	7	8	4	0	0	0	1	20	24	-	0	2.42	-	5
ISLE OF MAN																															
DOUGLAS ...	9 9	85	4.2	0.7	2.5	-1.8	8.0	23	-3.8	15	-	-	37	48	11	27	10	7	7	1	0	0	0	0	10	18	-	0	2.54	91	-
POINT OF AYRE ...	21-9	9	4.6	1.2	2.9	-2.1	9.2	25	-3.2	15	-	-	20	38	7	27	8	4	5	0	0	0	0	1	6	-	2	2.85	99	-	
RONALDSWAY AIRPORT ...	21-9	16	4.9	1.3	3.1	-1.6	9.0	23	-4.3	2	-	-	28	47	8	27	9	7	9	0	0	1	0	0	9	13	10	0	2.64	95	-
7B WALES N																															
GWYNEDD																															
BALA ...	9 9	163	3.2	-2.1	0.5	-	7.2	24	-6.9	2	1.5	3.1	45	45	19	1	12	6	11	10	0	2	0	2	25	26	26	0	2.30	-	-
BARDSEY ISLAND ...	21-9	15	5.0	2.1	3.5	-	8.1	22	-6.1	15	-	-	53	92	15	1	7	7	4	3	0	0	0	0	4	9	6	1	-	-	-
BETWS-Y-COED ...	9 9	20	1.4, 5	(-1.4)	(1.5)	-	8.7	22	-5.1	15	1.2	-	62	-	23	27	12	8	3	3	0	0	0	0	(23)	27	-	0	-	-	-
BOTWNOG ...	9 9	34	4.9	0.5	2.7	-	8.8	26	-5.1	15	2.8	5.1	51	70	15	27	9	8	7	5	0	0	0	1	10	15	-	0	2.89	-	
CHWYSTADLLYN ...	9 9	204	1.3, 7	(-1.3)	(1.2)	-	7.5	20	-7.0	16	-	-	63	-	21	27	7	5	-	-	-	-	-	-	(20)	-	-	0	(2.31)	-	-
LLYN ALAW ...	9 9	44	5.2	-0.9	2.1	-	8.5	20, 21, 28	-8.0	16	-	-	43	-	19	27	11	7	-	-	-	-	-	14	-	-	-	0	2.63	-	-
PEN-Y-FFRIDD ...	9 9	84	4.9	0.0	2.5	-	10.7	20	-5.0	15	-	-	47	62	17	27	11	11	6	3	0	2	0	1	11	26	-	2	2.58	-	5
TRAFSFYNYDD ...	9 9	193	2.5	-1.3	0.9	-	7.9	23	-6.8	15	-	-	67	53	23	1	12	10	-	10	-	-	-	2	19	25	24	-	-	-	-
VALLEY ...	21-9	10	5.2	1.2	3.2	-1.8	8.6	20	-4.4	15	-	-	43	71	14	27	11	7	8	5	0	2	0	0	11	20	18	1	2.68	91	-
CLWYD																															
ALLEN ...	9 9	335	1.8	-5.8	-2.0	-	5.4	25	-11.5	15	-	-	85	87	17	27	16	15	-	28	-	-	-	3	28	(28)	-	-	-	-	-
BMLCHGWYN ...	9 9	386	0.7	-3.2	-1.3	-	5.5	25	-9.5	15	1.7	-	53	61	14	1	14	11	13	28	0	0	0	8	24	27	-	0	-	-	-
COLWYN BAY ...	9 9	18	4.4	0.0	2.2	-	8.5	26	-3.5	15	1.9	-	48	85	16	1	12	7	3	1	0	0	0	1	12	-	0	2.79	113	-	-
CORMEN ...	9 9	144	3.1	-2.5	0.3	-	7.8	24	-8.7	3	-	-	56	68	22	1	16	9	12	22	1	0	0	3	25	27	-	0	-	-	-
HAWARDEN BRIDGE ...	9 9	5	4.1	-0.5	1.8	-2.5	10.1	26	-5.1	15	-	-	32	65	10	27	10	8	9	4	0	0	0	1	18	-	0	-	-	-	-
LOGGERHEADS ...	9 9	210	2.5	-3.0	-0.3	-	7.3	25	-8.8	2	1.9	3.3	42	65	12	1	15	10	13	22	0	0	0	4	22	26	-	0	2.73	-	5
PRESTATYN ...	9 9	4	1.4, 5	(0.1)	(1.3)	(-2.4)	8.3	24, 26	-4.2	15	-	-	36	78	11	1	13	8	7	2	0	0	0	-	(14)	-	-	0	(2.78)	(119)	-
RUTHIN ...	9 9	76	4.1	-1.3	1.4	-	8.4	26	-6.3	16	-	-	44	76	14	27	12	8	10	11	0	0	0	2	21	-	0	2.87	-	-	-
POWYS(NORTH)																															
FORDEN ...	9 9	91	3.6	-2.0	0.8	-	8.9	26	-7.9	8	2.1	-	39	-	12	1	14	6	11	17	0	0	0	1	23	-	0	-	-	-	-
LAKE VYRMY ...	9 9	303	1.4	-2.6	-0.6	-2.9	5.4	25	-8.0	15	1.0	-	50	38	16	27	18	10	13	28	0	0	0	3	24	27	-	5	-	-	-
LLANFAIR CAEREINION ...	9 9	236	2.5	-2.0	0.3	-	7.2	25	-7.7	15	2.2	-	63	-	15	27	16	13	11	27	0	0	0	0	20	27	-	0	-	-	-
MOEL CYNNEDD ...	9 9	358	1.3	-3.1	-0.9	-	6.2	23	-9.7	15	1.8	-	83	-	25	27	14	11	14	28	0	0	0	-	24	28	-	0	-	-	-
7B WALES S																															
DYFED																															
ABERPORTH ...	21-9	134	4.4	0.5	2.5	-2.1	9.9	1	-4.7	15	-	-	54	87	14	27	12	9	11	1	1	3	0	0	13	21	17	0	2.57	93	-
ABERYSTWYTH ...	9 9	4	-	-	-	-	-	-	-	-	-	-	61	100	20	27	11	8	-	0	-	-	-	2	-	-	-	-	-	-	-
BRANDY ...	21-9																														



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

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FEBRUARY 1979

DISTRICT REGION/COUNTY AND PLACE	MAX. TEMP. OF OBSERVATION	MIN. TEMP. 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 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	2-0 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																						
8A WALES S CONTINUED																																	
MID GLAMORGAN																																	
ABERDARE FILTER STATION	9 9	174	3.9	-1.4	1.3	-	9.3	1	-6.6	15	-	87	-	31	27	9	6	0	0	0	0	0	0	0	19	24	0	0	0	1.79	-	-	
CILFYNYDD	21-9	194	-	-1.3	-	-	-	-	-7.1	15	-	84	-	25	27	15	11	10	11	0	0	0	0	3	18	23	0	0	0	-	-	-	
LLWYNON	9 9	241	2.5	-2.1	0.2	-	6.6	23	-7.4	15	-	83	62	20	1.27	19	11	6	5	0	0	0	0	4	22	-	0	0	0	1.83	-	5	
PORTRCALW	9 9	6	4.8	-0.1	2.3	-	10.0	23	-4.8	15	-	42	63	8	27	14	10	-	-	-	-	-	-	1	12	-	-	-	0	0	2.12	-	-
SOUTH GLAMORGAN																																	
BRIDGEND	9 9	40	4.6	-0.6	2.0	-	10.1	22	-5.4	15	2.8	5.1	53	-	13	1	14	11	10	3	0	1	0	3	16	23	-	0	0	-	-	-	
CARDIFF (BUTE PARK)	9 9	9	4.4	-0.4	2.0	-	10.1	1	-4.7	15	2.4	4.4	82	-	17	6	16	12	6	10	0	0	0	0	13	22	-	0	0	2.07	-	5	
RHOOSE AIRPORT	21-9	67	3.7	-0.2	1.7	-	9.0	1,22,23	-5.7	15	-	51	-	11	1	15	10	11	5	1	5	0	1	15	17	16	0	0	0	2.23	-	-	
GWENT																																	
CRUMBLAND	9 9	245	2.7	-1.9	0.4	-	8.4	1	-7.5	15	1.5	3.0	92	124	27	27	16	12	8	23	0	0	0	12	25	27	-	4	0	2.58	-	-	
USK	9 9	21	4.3	-1.5	1.4	-2.5	9.3	27	-6.0	3	2.5	-	-	-	-	-	-	-	7	13	0	1	0	-	20	27	0	0	0	2.55	98	-	
8B ENGLAND SW																																	
AVON																																	
BATH	9 9	118	(3.5)	(-0.8)	(1.3)	-	(10.0)	1	-5.5	15	-	47	87	14	6	8	8	-	7	-	-	-	-	(14)	-	-	-	-	-	-	-	-	
FILTON	21-9	59	3.9	-0.5	1.7	-2.5	10.4	1	-6.0	25	-	61	120	16	6	15	11	10	8	0	4	0	0	1	14	22	17	0	0	2.25	100	-	
LONG ASHTON	9 9	51	4.4	-0.8	1.8	-2.5	10.8	1	-5.5	15	2.2	-	53	91	12	6	12	12	8	7	0	0	0	3	15	21	-	0	0	2.26	95	-	
SOMERSET																																	
BRYMORE	9 9	23	4.8	-0.5	2.1	-	11.8	1	-5.1	25	3.1	-	70	-	12	6	15	13	8	6	0	2	0	5	14	20	-	0	0	2.40	-	-	
CREWKERNE	9 9	101	4.6	-0.8	1.9	-	9.3	7	-5.5	15	2.5	-	80	-	14	27	13	13	6	3	0	0	0	-	18	-	-	0	0	-	-	-	
DOWNSIDE ABBEY	9 9	183	3.6	-1.5	1.1	-	8.7	1	-6.2	15	-	-	80	106	17	6	16	13	-	-	-	-	7	21	-	-	-	0	0	-	-	-	
EXTON	21-9	329	2.3	-1.4	0.5	-	7.9	1	-7.4	15	-	-	94	-	17	9	17	13	18	14	0	0	0	8	21	23	21	0	0	-	-	-	
HAWKRIIDGE	9 9	314	2.9	-1.8	0.5	-	8.1	1	-7.2	15	-	-	71	59	12	6	20	13	9	11	0	0	0	5	22	25	-	0	0	2.19	-	-	
NETTELCOMBE	9 9	96	4.2	-1.0	1.6	-	11.0	1	-5.5	25	2.9	-	76	-	14	6	16	13	8	4	0	1	0	4	16	21	-	0	0	-	-	-	
NETTELCOMBE(BIRDS HILL)	9 9	280	2.6	-1.6	0.5	-	9.0	1	-6.9	15	-	-	(80)	-	16	6	(16)(14)	8	11	0	1	0	0	8	21	(27)	-	0	0	-	-	-	
RODNEY STONE	9 9	40	(4.4)	(-0.4)	(2.0)	-	9.5	1	-5.0	15	3.0	4.5	(47)	77	10	6	(15)(12)	5	5	0	0	0	0	3	14	22	-	3	0	-	-	-	
WINCANTON	9 9	113	(4.8)	(-1.9)	(1.5)	-	9.5	1,7	-7.0	26	-	-	62	97	11	27	15	14	9	6	0	0	0	6	(20)	24	-	0	0	2.15	-	-	
YEOVILTON	21-9	18	5.0	-0.3	2.3	-	10.4	7	-7.3	25	-	-	50	95	11	27	14	12	6	0	0	2	0	2	13	18	14	0	0	-	-	-	
DORSET																																	
BOURNEMOUTH																																	
HURN AIRPORT	21-9	10	4.9	-0.5	2.2	-	9.9	6	-6.9	3	-	-	67	122	23	6	15	12	5	2	0	3	0	1	16	15	14	0	0	2.32	-	-	
DORSET TECH COLLEGE	9 9	50	5.1	-0.8	2.1	-	9.5	7	-5.0	3,15	3.3	4.5	86	-	23	6	14	13	2	0	0	0	0	2	16	20	-	0	0	2.42	-	-	
CHRISTCHURCH	9 9	4	5.2	-0.2	2.5	-	9.2	22	-4.2	15	-	-	71	137	21	6	13	12	4	2	0	0	0	0	11	20	-	0	0	-	-	-	
POOLE	9 9	5	5.3	-0.4	2.5	-2.0	9.9	7	-6.5	3	3.2	5.3	78	148	25	6	13	12	4	0	0	0	0	6	13	16	-	0	0	2.46	86	-	
PORTLAND BILL (COASTGUARD)	21-9	53	4.8	1.3	3.1	-2.4	9.4	7	-4.7	15	-	-	77	-	18	6	14	12	4	1	0	0	0	2	7	-	-	3	0	2.78	-	-	
SWANAGE	9 9	11	5.3	0.7	3.0	-2.1	9.4	23	-4.4	15	-	6.1	66	118	16	6	13	12	4	2	0	0	0	0	8	12	-	0	0	2.45	88	-	
WEYMOUTH	9 9	23	5.8	0.1	2.9	-	10.6	23	-5.0	15	-	-	86	-	22	6	14	13	2	2	0	0	0	0	10	-	-	0	0	2.51	85	-	
WINFRITH	9 9	26	5.3	-0.5	2.4	-	9.7	6	-6.0	3,4,25	-	-	91	149	28	6	13	13	3	4	0	0	0	3	12	(24)	-	0	0	-	-	-	
DEVON																																	
CHAWLEIGH	9 9	168	4.3	-0.8	1.7	-	10.1	1	-6.5	15	3.1	-	81	-	9	6	19	13	7	4	0	1	0	-	15	15	-	0	0	1.88	-	-	
EXETER AIRPORT	21-9	32	5.2	0.7	2.9	-2.0	11.0	1	-5.9	26	-	-	88	152	19	6	15	12	7	3	0	1	0	2	11	13	10	0	0	2.01	75	-	
EXMOUTH	9 9	59	5.6	0.3	2.9	-1.8	10.5	1	-5.0	15	-	-	125	216	34	6	15	14	6	1	1	0	0	3	10	-	-	0	0	2.56	87	-	
HARTLAND POINT	21-9	93	4.6	1.8	3.2	-2.0	10.5	1	-4.3	15	-	-	74	132	11	27	19	12	6	1	0	1	0	1	6	11	10	3	0	0	2.26	83	-
HEMYOCK	9 9	165	4.1	-0.8	1.7	-	10.0	1	-5.9	26	-	-	73	-	12	6	14	14	-	-	-	-	-	15	27	-	-	0	0	2.11	-	-	
ILFRACOMBE	9 9	8	5.7	1.5	3.6	-	11.7	1	-3.4	15	4.5	6.1	64	93	16	27	18	11	6	3	0	0	0	1	6	-	-	2	0	2.56	-	-	
MELBURY	9 9	143	4.9	-0.5	2.2	-	10.4	1	-5.5	15	-	-	94	-	17	27	17	14	-	1	-	-	-	16	-	-	-	0	0	1.85	-	-	
OKHAMPTON	9 9	372	3.1	-1.6	0.7	-	8.4	1	-8.4	15	-	-	106	-	21	27	19	14	10	10	0	0	0	8	21	24	-	6	-	-	-	-	
PLYMOUTH																																	
MOUNT BATTEN	21-9	27	6.1	1.8	3.9	-1.6	10.3	1	-4.9	15	-	-	117	156	26	6	17	13	5	1	0	0	0	0	9	10	11						



DISTRICT REGION/COUNTY AND PLACE		MAX. TERMINAL WIND MIN. 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	AMOUNT (MM)	DATE	PRECIP- ITATION 0.2 MM OR MORE 1.0 MM OR MORE	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		
			NORTHERN IRELAND																															
LONDONDERRY																																		
AGHARNOO ...	9 9	18	5.5	-0.1	2.7	-	10.9	26	-3.5	9.15	-	-	-	5	21	9	5	3	0	0	0	1	14	22	-	-	-	-	-	-	-	-		
BANGHER(CAUGH HILL) ...	9 9	216	4.2	-0.9	1.7	-	8.5	23.25	-6.4	15	-	-	-	5	21	12	10	8	2	0	0	0	17	24	24	5	2.91	-	-	-	-	-		
BOOM HALL ...	9 9	37	6.0	-0.2	2.9	-	11.6	26	-3.4	15	-	-	-	5	21	10	9	3	1	0	0	15	22	25	-	-	-	-	-	-	-	-		
CARMONEY ...	9 9	73	5.0	-0.2	2.4	-	10.5	26	-4.0	17	-	-	-	5	21	11	9	3	1	0	0	15	25	22	-	-	-	-	-	-	-	-		
COLERAINE UNIVERSITY ...	9 9	23	5.1	0.0	2.5	-	10.9	26	-4.5	8	2.6	4.7	-	4	28	12	9	7	0	0	0	14	23	23	1	2.91	114	-	-	-	-	-		
COOLKEERAGH ...	9 9	3	5.8	0.2	3.0	-	12.0	26	-3.0	15	-	-	-	7	21	10	7	-	-	-	-	14	23	23	-	-	-	-	-	-	-	-		
DERRYNOYD FOREST ...	9 9	88	5.0	-0.8	2.1	-	9.7	25	-6.0	15	-	-	-	33	5	13	9	5	1	1	1	15	23	23	-	-	-	-	-	-	-	-		
GARYVAGH FOREST ...	9 9	88	4.5	-1.2	1.7	-	10.1	26	-6.2	2	-	-	-	24	4	18	10	7	-	3	2	19	23	23	-	-	-	-	-	-	-	-		
LOUGHMORE FOREST ...	9 9	174	4.5	-1.4	1.5	-	9.1	25	-6.4	2	-	-	-	31	5	14	9	5	5	0	0	0	21	25	25	-	-	-	-	-	-	-	-	
MONEYDIG ...	9 9	34	5.4	-1.0	2.2	-1.5	10.2	25	-6.7	8	2.5	-	-	18	25	4	21	12	5	5	2	21	21	21	-	-	-	-	-	-	-	-		
TRAOD POINT ...	9 9	16	4.8	0.0	2.4	-	10.0	23	-4.3	15	-	-	-	21	-	12	7	3	0	0	0	11	11	11	-	-	-	-	-	-	-	-		
ANTRIM																																		
ALDERGROVE AIRPORT ...	21-9	68	4.7	0.1	2.4	-1.4	9.4	23	-5.2	2	2.2	4.9	-	30	50	16	13	11	6	10	0	1	14	20	20	0	2.52	105	-	-	-	-	-	
ALTAHINCH ...	9 9	213	3.2	-1.0	1.1	-	7.7	26	-5.9	2	-	-	-	29	27	6	13	12	8	7	2	0	17	25	3	2.76	-	-	-	-	-	-	-	
BALLYLUMFORD ...	9 9	24	5.4	1.1	3.3	-	9.7	25	-3.4	15	-	-	-	13	-	5	18	9	3	-	-	7	22	22	-	-	-	-	-	-	-	-	-	
BALLYPATRICK FOREST ...	9 9	152	4.4	-0.3	2.1	-	9.0	26	-5.0	15	-	-	-	28	33	7	18	12	9	1	-	13	20	0	3.15	-	-	-	-	-	-	-	-	
CARNLOUGH ...	9 9	12	5.6	1.1	3.3	-	10.0	23	-3.1	15	-	-	-	31	-	15	28	14	7	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
DIVIS MOUNTAIN ...	9 9	365	2.3	-2.3	0.0	-	7.3	25	-7.5	16	-	-	-	34	42	10	18	9	9	4	-	24	-	-	-	-	-	-	-	-	-	-	-	
GREENMOUNT ...	9 9	38	4.9	-0.3	2.3	-	9.4	23	-4.2	15	2.8	-	-	21	37	10	13	9	5	6	0	16	24	23	-	-	-	-	-	-	-	-	-	
HYDE PARK (MALLUSK) ...	9 9	140	4.2	-0.1	2.1	-	8.7	25	-4.5	2	-	-	-	31	-	6	18	16	9	10	3	14	23	23	-	-	-	-	-	-	-	-	-	
KILROOT POWER STATION ...	9 9	12	5.3	0.8	3.1	-	9.8	23	-3.7	2	-	-	-	14	-	6	21	8	4	2	0	9	15	-	-	-	-	-	-	-	-	-	-	
LISNAFILLAN ...	9 9	38	5.3	-1.2	2.1	-	9.4	23	-7.0	3	-	-	-	15	24	4	21	9	6	3	5	19	22	-	-	-	-	-	-	-	-	-	-	
LOWTOWN ...	9 9	271	2.5	-1.7	0.4	-	6.9	23	-5.4	15	1.6	-	-	44	47	12	18	12	11	10	21	22	27	-	-	-	-	-	-	-	-	-	-	
PARKMORE FOREST ...	9 9	235	3.0	-2.2	0.4	-	7.4	23	-5.8	18	1.7	-	-	32	29	9	18	12	9	6	19	25	24	-	-	-	-	-	-	-	-	-	-	
WOODBURN NORTH ...	9 9	217	3.3	-0.7	1.3	-	8.5	23	-5.0	15	-	-	-	22	27	8	21	12	6	1	3	17	24	-	-	-	-	-	-	-	-	-	-	
BELFAST																																		
ANDERSONSTOWN ...	9 9	64	4.7	0.4	2.5	-	9.0	25	-3.6	2	-	-	-	39	-	15	18	12	7	6	-	0	12	24	-	-	-	-	-	-	-	-	-	
MALONE ...	9 9	35	5.1	0.4	2.7	-	9.5	23	-3.5	2.15	2.6	-	-	29	-	10	13	10	8	-	-	12	25	-	-	-	-	-	-	-	-	-	-	
MILLTOWN ...	9 9	37	5.3	0.2	2.7	-	12.0	23	-3.8	15	-	-	-	27	-	11	13	10	8	5	0	1	15	19	-	-	-	-	-	-	-	-	-	
NEWTOWNABBEY ...	9 9	32	5.2	1.3	3.3	-	9.9	23	-2.9	15	3.1	-	-	25	36	8	18	10	7	6	0	1	20	16	0	2.39	-	-	-	-	-	-	-	-
ROSEBANK ...	9 9	47	5.2	-0.5	2.3	-	10.0	23	-3.7	15	-	-	-	21	-	6	13	9	5	4	0	16	-	-	-	-	-	-	-	-	-	-	-	
ROSETTA ...	9 9	24	5.2	0.4	2.8	-	9.4	23	-3.4	15	-	-	-	21	33	7	13	9	6	-	-	1	12	-	-	-	-	-	-	-	-	-	-	
SHAW'S BRIDGE ...	9 9	15	5.5	-0.2	2.7	-	10.3	23	-4.7	2	-	-	-	27	-	12	13	11	5	7	0	17	-	-	-	-	-	-	-	-	-	-	-	
STORMONT CASTLE ...	9 9	56	4.9	-0.2	2.3	-	10.0	23	-4.6	15	2.4	4.1	-	22	35	7	13	10	5	4	0	1	23	-	-	-	-	-	-	-	-	-	-	
DOWN																																		
BANGOR SEACOURT ...	9 9	15	5.1	1.5	3.3	-	9.3	26	-2.9	15	3.0	5.0	-	14	-	6	21	6	5	5	0	5	15	15	1	2.76	-	-	-	-	-	-	-	
BALLYWALTER PARK ...	9 9	11	-	-	-	-	-	-	-	-	-	-	-	17	33	5	18.21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BALLYWATTICOCK ...	9 9	6	4.8	0.6	2.7	-	9.2	23	-3.9	15	2.2	4.2	-	14	26	5	18	9	3	5	0	1	11	22	19	0	2.70	-	-	-	-	-	-	
BRYANSFORD ...	9 9	85	5.9	0.4	3.1	-	9.8	24	-4.9	15	3.1	5.1	-	24	-	8	13	11	6	5	2	0	11	19	1	2.31	-	-	-	-	-	-	-	
DOWNPATRICK ...	9 9	26	5.9	0.7	3.3	-	10.3	27	-3.3	2	-	-	-	26	-	9	13	10	6	-	-	4	13	18	-	-	-	-	-	-	-	-	-	
HELENS BAY ...	9 9	43	5.0	1.0	3.0	-	10.2	23	-3.1	15	-	-	-	15	25	6	18	5	3	8	0	2	8	19	-	-	-	-	-	-	-	-	-	
HILLSBOROUGH ...	9 9	116	4.4	-0.3	2.1	-1.6	8.3	23	-4.9	15	2.8	-	-	30	53	12	13	11	8	5	1	0	16	24	-	-	-	-	-	-	-	-	-	
LONG KESH ...	21-9	37	5.1	0.4	2.7	-	9.6	23	-5.0	2	2.4	4.3	-	24	-	10	13	10	7	6	0	1	14	17	0	2.56	-	-	-	-	-	-	-	
LOUGH COWEY ...	9 9	10	5.6	0.0	2.8	-	9.5	23	-4.5	15	-	-	-	18	-	4	27	7	6	0	0	1	22	-	-	-	-	-	-	-	-	-	-	
MAGHERALLY ...	9 9	97	4.5	-1.1	1.7	-	8.7	23	-6.1	3	-	-	-	28	-	13	13	9	5	8	1	18	21	-	-	-	-	-	-	-	-	-	-	
MURLOUGH ...	9 9	9	5.7	0.2	2.9	-	10.2	23	-4.3	15	2.7	4.0	-	21	-	8	13	10	5	4	0	2	1	13	20	-	-	-	-	-	-	-	-	
NEWRY ...	9 9	1	5.6	0.5	3.1	-	9.4	22	-5.0	2	-	-	-	27	-	5	12	9	8	1	0	0	10	16	-	-	-	-	-	-	-	-	-	
SILENT VALLEY ...	9 9	129	4.7	0.2	2.5	-	8.5	22	-5.0	3	-	-	-	71	-	26	13	11	10	6	1	0	19	-	-	-	-	-	-	-	-	-	-	
ARMAGH																																		
ARMAGH ...	9 9	62	4.8	-0.3	2.3	-2.0	9.3	25	-4.6	15	2.2	4.2	-	21	37	4	21	14	9	8	1	0	16	22	-	-	-	-	-	-	-	-	-	
LOUGHGALL ...	9 9	25	5.3	-0.4	2.5	-	10.0	23	-4.6	2	-	-	-	23	43	5	18	11	7	4	0	1	16	24	-	-	-	-	-	-	-	-	-	
LURGAN ...	9 9	55	5.3	0.3	2.8	-	9.9	23	-4.4	2	2.5	4.4	-	26	48	9	13	11	6	2	-	0	11	21	-	-	-	-	-	-	-	-	-	
TANDRAGEE ...	9 9	43	5.9	-0.6	2.7	-	10.9	23	-6.0	15	-	-	-	19	-	5	13	8	5	4	-	0	16	-	-	-	-	-	-	-	-	-	-	
TYRONE																																		
ALTAVEEDAN ...	9 9	175	5.1	-1.5	1.8	-	9.9	23	-7.7	16	-	-	-	52	-	16	18	13	12	-	-	-	21	26	-	-	-	-	-	-	-	-	-	
CARRIGANS ...	21-9	113	4.9	0.0	2.5	-	10.4	23	-6.6	15	-	-	-	37	47	8	18	14	10	8	3	0	1	15	22	14	0	2.21	-	-	-	-	-	
COOKSTOWN ...	9 9	77	4.6	-0.1	2.3	-	9.3	23	-3.9	15	2.2	-	-	11	16	7	21	8	4	5	2	0	0	5	13	10	-	-	-	-	-	-	-	
LOUGH BRADAN ...	9 9	169	4.1	-1.5	1.3	-	8.5	25	-6.4	15	-	-	-	41	43	6	17	15	12	-	0	-	1	20	25	-								



FEBRUARY 1979

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

DISTRICT, REGION/COUNTY AND PLACE	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)	WET BULB PRESSURE (MB)	RELATIVE HUMIDITY (%)	OKTAS						0 - 39 M	40 - 190 M	200 - 390 M	400 - 990 M	1000 - 1900 M	2000 - 3900 M	4 - 9 KM	10 - 19 KM	20 - 39 KM	40 KM AND OVER	BEAUFORT FORCE						N	NE	E	SE	S	SW	W	NW						
										0	1 - 2	3 - 5	6 - 7	8	SKY OBSERVED											SPEED (KT)														18 OR MORE	22-33	6-7	11-21	1-10	0
																										NUMBER OF OBSERVATIONS																			
0 SCOTLAND N SHEPHERD																																													
FAIR ISLE	61	9	1013.8	-	2.1	1.3	5.6	77	6.0	0	5	1	18	4	0	0	0	0	0	1	1	4	7	5	10	4	8	12	4	0	7	2	4	3	4	5	3	1							
		15	1013.5	-	2.6	1.5	5.5	75	6.4	0	2	3	17	6	0	0	0	0	0	2	1	4	6	8	7	4	11	10	3	0	0	2	3	4	4	5	3								
		21	1013.7	-	2.2	1.2	5.7	77	5.0	0	8	3	11	6	0	0	0	0	0	0	1	2	2	6	9	8	2	12	9	4	1	5	2	4	4	4	5	3							
		9	1013.1	-	0.9	1.2	5.2	78	6.1	0	2	8	9	9	0	0	0	0	0	1	4	3	12	8	0	7	14	6	1	4	2	2	3	6	2	6	2	8							
LERWICK	83	9	1013.5 + 4.0	-	1.2	1.4	5.2	76	6.3	0	2	4	18	4	0	0	0	0	0	0	7	5	10	6	0	6	17	5	0	0	2	1	1	1	4	4	4	5							
		15	1013.2	-	1.6	1.5	5.2	75	5.9	0	3	7	12	5	1	0	0	1	1	0	0	4	5	7	10	0	9	13	5	1	1	1	1	1	4	4	4	5							
		21	1013.4	-	1.0	1.3	5.2	78	5.3	0	5	7	8	8	0	0	0	0	0	0	5	3	9	11	0	9	11	6	2	5	0	3	2	5	6	3	4								
		9	1013.7	-	1.5	0.8	5.9	85	5.6	0	5	5	12	6	0	0	0	0	0	0	6	1	13	8	0	4	14	10	0	3	2	6	1	5	5	3	3								
ORKNEY	26	9	1014.1 + 3.9	-	1.7	0.9	5.8	82	5.9	0	4	3	15	6	0	0	0	0	0	0	4	2	11	11	0	3	20	5	0	6	1	6	1	6	4	5	5								
		15	1013.7	-	2.6	1.3	5.8	78	5.4	0	5	7	13	3	0	0	0	0	0	0	4	2	8	14	0	5	16	7	0	2	1	6	3	6	4	5	2								
		21	1014.1	-	1.2	0.8	5.7	83	5.3	0	6	5	12	5	0	0	0	0	0	1	3	3	13	8	0	6	12	10	0	1	1	6	3	6	4	5	2								
		9	1013.7	-	1.5	0.8	5.9	85	5.6	0	5	5	12	6	0	0	0	0	0	0	6	1	13	8	0	4	14	10	0	3	2	6	1	5	5	3									
WESTERN ISLES	7	9	1012.1 + 1.4	-	2.2	0.7	6.4	87	5.1	0	7	7	7	7	0	0	0	0	0	0	4	10	10	1	5	11	9	2	0	2	1	2	7	4	6	4	1								
		15	1011.9	-	4.3	1.3	6.6	78	4.9	0	7	6	11	4	0	0	0	0	0	0	0	4	0	10	14	1	7	13	7	0	2	2	8	1	8	3	2								
		21	1012.5	-	2.3	0.7	6.4	86	4.4	0	9	8	5	6	0	0	0	0	0	0	3	2	8	15	0	7	9	11	1	0	2	8	4	7	2	2									
		9	1013.1	-	2.2	1.2	5.8	79	4.5	1	9	5	7	6	0	0	0	0	0	0	2	4	13	9	0	1	10	16	1	1	0	9	2	5	4	2	4								
STORNOWAY	5	9	1012.9 + 2.4	-	2.6	1.1	6.0	80	5.4	0	6	5	12	5	0	0	0	0	0	0	3	4	10	11	0	1	14	12	1	1	1	6	4	6	4	2	3								
		15	1012.7	-	3.9	1.6	6.0	73	5.0	0	7	6	10	5	0	0	0	0	0	0	2	3	11	12	0	1	17	10	0	2	1	7	3	6	4	3									
		21	1013.2	-	2.6	1.3	5.8	78	4.5	1	8	8	4	7	0	0	0	0	0	0	1	1	15	11	0	0	14	14	0	2	1	8	4	4	5	3	2								
		9	1012.5	-	2.5	0.9	6.3	85	5.4	0	3	10	8	7	0	0	0	0	0	0	1	1	10	16	1	7	9	10	1	3	2	7	1	5	5	2	2								
HIGHLAND	113	9	1012.6	-	2.7	0.6	6.6	89	5.7	0	4	9	4	11	0	0	0	0	0	0	0	4	8	16	1	4	13	10	0	1	3	8	1	4	6	1	4								
		15	1012.2	-	3.3	0.9	6.6	85	5.5	0	2	13	8	5	0	0	0	0	0	0	0	2	8	18	1	6	10	10	1	2	1	8	2	2	5	3	4								
		21	1012.6	-	2.4	0.8	6.4	87	5.5	0	2	11	6	9	0	0	0	0	0	0	0	3	8	17	0	3	9	6	11	2	2	1	8	1	3	7	2	2							
		9	1013.9	-	0.2	0.8	5.4	85	4.9	0	7	5	15	1	0	0	0	0	0	0	1	3	19	5	0	0	8	20	0	0	2	6	2	1	13	3	1								
DALCROSS	12	15	1013.5	-	3.5	1.6	5.8	73	5.3	0	3	9	13	3	0	0	0	0	0	0	0	5	14	9	0	1	15	12	0	4	0	8	1	2	9	4	0								
		9	1013.6	-	0.9	1.0	5.4	81	5.7	0	4	5	14	5	0	0	0	0	0	1	0	1	4	16	6	0	3	13	12	0	1	1	6	2	4	4	6	4							
		15	1013.8 + 3.2	-	1.3	0.9	5.6	82	5.7	0	2	9	15	2	0	0	0	0	0	0	2	5	14	6	0	1	16	11	0	2	1	5	4	7	1	5	3								
		21	1013.4	-	2.5	1.4	5.6	75	5.7	0	3	7	16	2	0	0	0	0	0	0	3	5	10	10	0	3	15	10	0	2	1	6	3	6	2	7	1								
WICK	37	9	1013.9	-	1.0	1.0	5.4	80	5.2	0	6	8	11	3	0	0	0	0	0	0	3	2	18	5	0	1	19	8	0	1	1	6	2	4	6	6	2								
		9	1013.9	-	1.0	1.0	5.4	80	5.2	0	6	8	11	3	0	0	0	0	0	0	3	2	18	5	0	1	19	8	0	1	1	6	2	4	6	6	2								
		15	1013.9	-	1.0	1.0	5.4	80	5.2	0	6	8	11	3	0	0	0	0	0	0	3	2	18	5	0	1	19	8	0	1	1	6	2	4	6	6	2								
		21	1013.9	-	1.0	1.0	5.4	80	5.2	0	6	8	11	3	0	0	0	0	0	0	3	2	18	5	0	1	19	8	0	1	1	6	2	4	6	6	2								
1 SCOTLAND E GRAMPIAN																																													
DYCE	59	9	1014.2	-	0.3	0.9	5.2	82	5.0	3	5	3	8	9	0	0	0	0	0	0	4	3	5	13	3	0	0	11	13	4	1	3	5	2	3	3	6	1							
		9	1014.5 + 2.6	-	0.5	1.1	5.0	77	5.6	0	6	2	13	7	0	0	0	0	0	0	3	4	2	10	9	0	1	11	14	2	1	3	5	3	2	5	2								
		15	1014.1	-	2.9	1.7	5.4	71	5.7	0	5	3	15	4	1	0	0	0	1	1	6	4	10	6	0	0	16	12	0	0	2	3	4	2	7	3	5								
		21	1014.7	-	0.8	1.1	5.2	79	5.3	1	6	3	10	8	0	0	0	0	0	0	3	6	3	13	3	0	0	6	19	3	1	4	2	3	6	1	5								
FRASERBURGH	22	9	1014.0	-	2.1	0.9	5.9	83	5.7	0	4	8	4	12	0	0	0	0	0	0	1	11	16	0	0	10	9	9	0	1	2	7	2	5	4	7	0								
		9	1014.3 + 3.1	-	2.3	1.2	5.7	78	5.8	0	3	7	10	8	0	0	0	0	0	0	1	4	22	1	0	6	15	6	1	2	1	7	1	6	3	5	2								
		15	1013.9	-	3.3	1.5	5.8	75	6.0	0	2	9	10	7	0	0	0	0	0	0	2	4	22	0	0	5	13	10	0	2	2	6	2	7	2	4	3								
		21	1014.5	-	2.3	1.1	5.8	81	4.8	0	7	11	0	10	0	0	0	0	0	0	0	6	22	0	1	5	10	12	0	1	3	5	2	7	3	4	3								
KINLOSS	6	9	1014.3	-	-0.3	0.8	5.1	83	4.9	2	6	7	7	6	0	0	0	0	0	0	0	12	13	3	0	1	7	17	3	0	0	7	2	6	5	5	3								
		9	1014.4 + 3.0	-	0.1	0.8	5.3	84	5.4	0	6	3	18	1	0	0	0	0	0	0	2	6	13	7	0	0	8	18	2	1	0	7	2	5	6	4	1								
		15	1013.9	-	3.7	1.9	5.6	69	5.2	0	6	5	16	1	0	0	0	0	0	0	3	6	11	8	0	0	15	12	1	1	1	7	3	1	6	2	1								
		21	1014.6	-	0.6	1.0	5.3	81	5.0	2	2	10	11	3	0	0	0	0	0	0	0	1	8	17	2	0	6	21	1	1	0	7	1	4	11	2	1								
LOSSIEMOUTH	6	9	1013.9	-	0.3	1.0	5.1	81	5.6	1	4	4	12	7	0	0	0	0	0	0	0	4	18	6	0	1	10	14	3	1	2	3	4	4	7	4	0								
		9	1014.1	-	0.9	1.2	5.1	77	5.4	0	6	4	15	3	0	0	0	0	0	0	1	6	11	10	0	1	9	17	1	0	1	8	2	5	7	3	1								
		15	1013.6	-	3.8	2.1	5.3	66	5.1	0	6	6	16	0	0	0	0	0	0	0	1	4	10	13	0	0	17	10	1	2	0	8	2	2	4	9	0								
		21	1014.2	-	0.7	1.1	5.1	78	4.9	0	8	5	13	2	0	0	0	0	0	0	1	4	15	8	0	1																			



DISTRICT, REGION/COUNTY AND PLACE	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)	WIND PRESSURE (MB)	RELATIVE HUMIDITY (%)	OKTAS						0 - 39 M	40 - 190 M	200 - 390 M	400 - 990 M	1000 - 1900 M	2000 - 3900 M	4 - 9 KM	10 - 19 KM	20 - 39 KM	40 KM AND OVER	BEAUFORT FORCE								N	NE	E	SE	S	SW	W	NW																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
									MEAN	0	1 - 2	3 - 5	6 - 7	8											SKY OBSERVED	0 - 39 M	40 - 190 M	200 - 390 M	400 - 990 M	1000 - 1900 M	2000 - 3900 M	4 - 9 KM									10 - 19 KM	20 - 39 KM	40 KM AND OVER	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	10



FEBRUARY 1979

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

DISTRICT, REGION/COUNTY AND PLACE	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 - 39 M	40 - 190 M	200 - 390 M	400 - 990 M	1000 - 1900 M	2000 - 3900 M	4 - 9 KM	10 - 19 KM	20 - 39 KM	40 KM AND OVER	BEAUFORT FORCE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
										0	1 - 2	3 - 5	6 - 7	8	SKY OBSERVED											15-21	SPEED (KT)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
																											22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														



TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

FEBRUARY 1979

DISTRICT, REGION/COUNTY AND PLACE		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 - 39 M	40 - 190 M	200 - 390 M	400 - 990 M	1000 - 1900 M	2000 - 3900 M	4 - 9 KM	10 - 19 KM	20 - 39 KM	40 KM AND OVER	BEAUFORT FORCE								N	NE	E	SE	S	SW	W	NW						
											MEAN	0	1 - 2	3 - 5	6 - 7	8											SKY OBSERVED	8 OR MORE	SPEED (KT)																			
																													22-33	11-21	1-10	0	N	NE									E	SE	S	SW	W	NW
5 ENGLAND SE & CENT. S.																																																
KENT																																																
DUNGENESS	7	3	1010.9	-	-	-	-	-	6.6	3	1	1	3	18	2	0	0	0	2	2	3	9	5	7	0	0	5	14	7	2	8	3	8	1	2	1	2	1	1									
		9	1011.4	-	-	-	-	-	7.0	1	1	1	7	17	1	0	0	0	0	0	2	2	10	6	5	0	0	4	14	8	2	7	5	8	1	0	2	3	3	0								
		15	1010.8	-	-	-	-	-	7.1	1	0	2	8	17	0	0	0	0	0	1	4	10	4	8	0	0	0	3	16	8	0	4	6	10	1	3	0	4	0									
MANSTON	45	3	1011.4	-	1.2	0.6	6.0	89	6.1	2	1	2	5	17	1	0	1	1	0	2	7	6	4	7	0	0	2	14	11	1	6	5	5	1	3	4	3	0	0									
		9	1011.8	-	1.5	0.7	6.0	87	6.5	1	3	1	8	15	0	0	0	0	1	4	5	8	3	5	1	0	3	12	13	0	7	4	5	3	3	5	0	1										
		15	1011.2	-	3.0	1.0	6.3	83	7.0	0	1	1	14	12	0	0	0	0	0	3	7	7	6	5	0	0	1	17	10	0	4	7	5	2	2	3	2	3										
HAMPSHIRE		21	1011.9	-	1.6	0.6	6.1	88	6.7	1	2	1	7	16	1	0	0	0	1	1	7	10	4	5	0	0	1	13	14	0	5	2	9	3	2	4	2	1										
		SOUTHAMPTON WEATHER CENTRE (X)	9	1011.4	-	1.7	0.7	6.1	87	5.7	4	4	1	0	19	0	0	0	0	2	1	4	8	10	3	0	0	9	19	0	4	10	6	0	3	2	1	2	4									
			15	1011.8	-	2.1	0.8	6.2	86	6.1	2	4	1	4	17	0	0	0	0	2	2	7	8	3	6	0	0	0	7	21	0	4	10	6	1	3	0	3	2									
21	1011.0		-	4.7	1.7	6.3	73	7.0	0	1	3	7	17	0	0	0	0	0	0	3	11	4	9	1	0	0	6	22	0	3	7	7	2	5	1	2	1											
WEST SUSSEX		15	1011.0	-	2.1	0.8	6.2	86	6.1	2	4	1	4	17	0	0	0	0	2	2	7	8	3	6	0	0	0	7	21	0	4	10	6	1	3	0	3	2										
		21	1011.7	-	2.8	1.1	6.2	81	6.4	3	1	3	2	19	0	0	0	1	0	2	3	8	7	6	1	0	0	6	22	0	2	10	6	1	2	3	2	2										
		GATWICK	3	1011.6	-	0.6	0.5	5.8	90	6.9	3	0	0	6	16	3	0	1	1	2	3	4	9	6	2	0	0	1	8	16	3	6	7	5	0	2	3	0	2									
9	1012.0		- 3.8	0.9	0.5	5.9	90	6.5	0	5	1	4	17	1	0	0	1	2	2	6	9	5	3	0	0	0	9	19	0	4	6	7	1	2	4	2	2											
15	1011.2		-	3.4	1.3	6.3	79	6.8	0	1	4	7	16	0	0	0	0	0	0	1	5	8	8	5	1	0	0	11	17	0	5	8	4	2	1	5	1	2										
EAST SUSSEX		21	1012.0	-	1.3	0.7	6.0	87	5.9	2	5	1	2	18	0	0	0	0	1	4	11	2	6	0	0	0	0	9	18	1	5	5	9	0	2	3	1	2										
		HERSTMONCEUX	3	1011.2	-	1.1	0.5	6.1	90	6.3	3	2	2	3	18	0	0	0	0	2	4	5	10	5	2	0	0	6	19	3	11	6	3	0	3	0	1	1										
			9	1011.6	-	1.4	0.6	6.1	89	6.3	2	2	2	8	13	1	0	1	0	0	2	6	6	8	4	1	0	1	5	21	1	13	4	2	1	3	2	2	0									
15	1010.9		-	3.6	1.1	6.5	81	6.7	0	1	5	8	14	0	0	0	0	0	8	6	6	7	1	0	1	5	22	0	9	4	7	0	2	3	2	1												
21	1011.6	-	1.6	0.5	6.3	90	6.2	2	5	0	2	19	0	0	0	0	0	3	10	6	6	3	0	0	0	5	22	1	12	6	5	0	2	0	1	1												
7A ENGLAND NW & I.O.M.																																																
CUMBRIA																																																
CARLISLE	28	3	1013.7	-	0.5	0.6	5.7	88	5.5	1	4	6	10	7	0	0	0	0	0	1	7	14	6	0	0	0	11	15	2	1	3	11	3	2	2	4	0	0										
		9	1014.0 + 0.4	-	0.4	0.7	5.6	86	5.9	0	5	4	12	6	1	0	1	0	0	0	2	5	10	8	2	0	0	10	17	1	0	3	13	2	2	4	3	0										
		15	1013.3	-	3.6	1.4	6.1	76	6.1	0	3	5	13	7	0	0	0	0	0	0	1	4	9	12	2	0	0	2	15	11	0	1	2	12	4	1	6	2	0									
LANCASHIRE		21	1014.0	-	1.1	0.7	5.8	87	5.8	0	5	3	12	8	0	0	0	0	0	2	9	8	9	0	0	0	1	9	18	0	1	4	12	3	1	2	4	1										
		AUGHTON	3	1012.9	-	0.9	0.7	5.6	86	5.0	5	4	3	3	13	0	0	0	1	0	1	3	4	6	13	0	0	0	10	17	1	3	4	8	5	2	2	2	1									
			9	1013.1	-	0.9	0.7	5.7	87	5.7	1	3	7	8	9	0	0	0	0	0	2	3	6	11	6	0	0	0	12	14	2	2	2	8	7	2	1	2	2									
15	1012.2		-	3.3	1.4	5.9	76	6.3	0	1	8	12	7	0	0	0	0	0	0	3	10	6	9	0	0	0	0	16	12	0	1	3	6	8	4	2	4	0										
SQUIRES GATE	11	21	1013.1	-	1.2	0.8	5.7	85	5.5	4	3	3	7	11	0	0	0	0	1	2	5	8	11	1	0	0	1	6	18	3	0	3	8	7	1	2	4	0										
		3	1013.3	-	0.7	0.6	5.7	88	5.7	4	2	3	6	12	1	0	0	0	1	0	3	9	7	8	0	0	1	12	15	0	4	4	10	4	2	1	3	0										
		9	1013.5 - 0.6	-	1.0	0.7	5.7	86	6.0	0	3	6	10	9	0	0	0	0	0	3	4	12	4	1	0	0	0	15	13	0	2	4	9	7	2	0	1	3										
GREATER MANCHESTER		15	1012.7	-	3.5	1.4	6.1	77	6.0	0	3	4	14	7	0	0	0	0	0	2	6	9	9	2	0	0	3	14	11	0	5	10	3	2	2	5	1	0										
		21	1013.5	-	1.0	0.6	5.8	88	5.5	4	2	4	7	11	0	0	0	0	0	2	2	8	9	7	0	0	1	13	14	0	1	5	10	5	0	3	4	0										
		MANCHESTER WEATHER CENTRE (X)	3	1013.1	-	1.4	1.1	5.4	79	6.0	4	2	2	6	14	0	0	0	0	1	0	2	15	7	3	0	0	0	4	24	0	2	5	8	5	5	1	1	1									
9	1013.3		-	1.7	1.2	5.5	78	6.7	0	2	4	8	14	0	0	0	0	0	1	7	8	2	2	0	0	0	7	21	0	1	6	10	4	2	4	0	1											
15	1012.5		-	3.7	1.9	5.5	68	6.5	0	3	4	10	11	0	0	0	0	0	0	1	6	7	9	4	1	0	0	11	17	0	1	6	8	4	1	4	2	2										
RINGWAY	84	21	1013.3	-	2.3	1.4	5.5	75	6.2	2	2	3	10	11	0	0	0	0	0	1	5	11	9	2	0	0	0	8	20	0	1	5	11	2	1	6	2	0										
		3	1013.2	-	0.7	0.9	5.3	81	5.9	3	2	4	5	14	0	0	0	0	0	2	3	9	6	7	1	0	1	11	15	1	1	4	8	3	8	1	1	1										
		9	1013.4 - 0.9	-	1.0	1.0	5.5	82	6.3	0	3	4	11	10	0	0	0	0	1	1	5	8	6	7	0	0	2	7	18	1	0	8	3	7	4	1	2	2										
ISLE OF MAN		15	1012.6	-	3.3	1.8	5.4	70	6.2	0	2	7	9	10	0	0	0	0	0	2	3	6	8	9	0	0	2	14	12	0	1	4	10	3	3	3	1	3										
		21	1013.4	-	1.3	1.1	5.4	79	5.8	2	3	5	6	12	0	0	0	0	0	2	6	5	12	3	0	0	1	13	13	1	1	5	9	4	4	3	1	0										
		POINT OF AYRE	3	1013.1	-	2.6	1.0	6.2	83	5.7	2	2	7	6	11	0	0	0	0	1	1	1	2	6	7	10	0	6	17	4	1	1	5	6	7	1	3	4	0									
9	1013.1 - 0.1		-	2.5	1.0	6.1	83	6.1	0	4	4	9	11	0	0	0	0	1	0	0	2	7	15	3	0	9	14	3	2	1	7	6	5	1	2	3	1											
15	1012.7		-	4.0	1.3	6.5	79	6.5	0	2	5	8	13	0	0	0	0	0	0	2	9	12	3	0	0	6	18	4	0	0	8	4	8	0	3	4	1											
RONALDSWY	21	21	1013.3	-	2.9	1.0	6.3	83	5.7	2	1	8	5	12	0	0	0	0	1	0	2	1	6	5	13	0	7	17	4	0	1	6	6	7	1	2	5	0										
		3	1012.9	-	2.7	1.1	6.0	80	5.9	1	4	3	8	12	0	0	0	0	1	0	3	3	7	9	5	0	2	16	10	0	3	2	12	2	3	2	4	0										
		9	1012.9 - 0.7	-	2.6	1.1	6.0	80	6.3	0	4	3	12	9	0	0	0	0	0	0	1	3	8	7	7	0	2	15	11	0	4	3																



FEBRUARY 1979

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

DISTRICT, REGION/COUNTY AND PLACE	HEIGHT OF BAROMETER ABOVE MSL (METRES)	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT						VISIBILITY										WIND SPEED AND DIRECTION													
			AT MSL (MB)	DIFFERENCE FROM 1941-70 AVERAGE	DRY BULB (DEGREES C)	DEPRESSION OF MET BULB (DEGREES C)	WET BULB (DEGREES C)	VAPOUR PRESSURE (MB)	RELATIVE HUMIDITY (%)	OKTAS						0 - 39 M	40 - 190 M	200 - 390 M	400 - 990 M	1000 - 1900 M	2000 - 3900 M	4 - 9 KM	10 - 19 KM	20 - 39 KM	40 KM AND OVER	BEAUFORT FORCE					N	NE	E	SE	S	SW	W	NW
										0	1 - 2	3 - 5	6 - 7	8	SKY OBSERVED											10 OR MORE	6-7	4-5	1-3	CALM								
NUMBER OF OBSERVATIONS																																						



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
LERNICK (PSYCHROMETER)	3	20	5	0	0	0	0	0	0	0	0	15	13	0	0	0	0	CAMBRIDGE BOTANIC GARDENS	3	17	8	0	0	0	0	0	0	0	0	0	0	0	0	0
LERNICK (SCREEN)	3	20	5	0	0	0	0	0	0	0	0	15	13	0	0	0	0	EDGBASTON	6	16	6	0	0	0	0	0	0	0	0	1	16	11	0	0
STORNOWAY	0	18	10	0	0	0	0	0	0	0	0	13	12	3	0	0	0	KEN (PSYCHROMETER)	3	13	12	0	0	0	0	0	0	0	0	1	10	17	0	0
CRAIBSTONE	3	18	7	0	0	0	0	0	0	0	0	3	14	11	0	0	0	KEN (NORTH-WALL SCREEN)	3	13	12	0	0	0	0	0	0	0	0	0	10	18	0	0
ROTHESAY	1	20	7	0	0	0	0	0	0	0	0	16	10	2	0	0	0	HASTINGS	3	14	11	0	0	0	0	0	0	0	0	15	13	0	0	
ABBOTSLINCH	2	17	9	0	0	0	0	0	0	0	9	8	9	2	0	0	0	SOUTHAMPTON	2	11	15	0	0	0	0	0	0	0	0	12	16	0	0	
ESKDALEMUIR (PSYCHROMETER)	5	20	3	0	0	0	0	0	0	1	9	13	5	0	0	0	0	RINOWAY	2	17	9	0	0	0	0	0	0	0	1	12	15	0	0	
ESKDALEMUIR (SCREEN)	5	20	3	0	0	0	0	0	0	1	6	15	6	0	0	0	0	VALLEY	1	10	17	0	0	0	0	0	0	0	9	17	2	0		
DOUGLAS	1	17	10	0	0	0	0	0	0	0	0	10	17	1	0	0	0	RHOOSE	1	20	7	0	0	0	0	0	0	1	13	14	0	0		
BOULMER	2	18	8	0	0	0	0	0	0	0	1	11	15	1	0	0	0	FALMOUTH	0	6	20	2	0	0	0	0	0	0	6	21	1	0		
HULL	3	16	9	0	0	0	0	0	0	0	1	18	9	0	0	C	ALDERGROVE	1	15	12	0	0	0	0	0	0	1	12	14	1	0			
DOORLESTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ARMADON	1	15	12	0	0	0	0	0	0	0	18	9	1	0		

TABLE 6 SUMMARY OF AUTOGRAPHIC RECORDS OF WIND

FEBRUARY 1979

[illegible]



TABLE 6 SUMMARY OF AUTOGRAPHIC RECORDS OF WIND

DISTRICT REGION/COUNTY AND PLACE		HEIGHT OF VANE IN METRES		DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED										MEAN HOURLY WIND SPEED (KT)		HIGHEST VALUES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
		ABOVE MSL	ABOVE GROUND EFFECTIVE	34 KT OR MORE (GALE FORCE)					22-33 KT		11-21 KT	4-10 KT	LESS THAN 4 KT			HOURLY WIND			DUST																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
				DATES OF OCCURRENCE	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS			HOURS OF NO RECORD	VEER FROM N	SPEED-KT	DAY			WIND DIRECTION	VEER FROM N	SPEED-KT	DAY	TIME																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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TABLE 3 ADDITIONS AND CORRECTIONS

YEAR	MONTH	STATION	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	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													
1978	SEP	RONALDSWAY	17.7	13.2	15.5		20.2	16	9.3	18	16.4	16.2	91	107	7	28	15	9	0	0	0	0	0	0	0	0	0	0	0	6.39	
		ILFRACOMBE		10.8	14.7	+0.2																									
		SIDMOUTH	19.5		14.7	+0.4																									
		STARCROSS		10.5	14.0	-0.5																									
		BUDE	18.0	10.9	14.5	-0.1	21.5	22	7.0	3			27	30	5	28	12	9	0	0	0	0	0	0	0	0	0	0	0	6.98	145
		FALMOUTH		10.0																										6.37	123
		FOWEY																													
		LIZARD																													
		BALLYLUMFORD		10.9	13.7																										
		MURLOUGH		9.7	13.6																										
	OCT	LAIRG	13.4	9.4	11.4		16.3	13	5.2	21			110		33	14	26	16	0	0	0	0	0	0	0	0	0	0	3		
		COLONSAY											98	65		15	17	9													
		RHUVARL														15	12	0													
		PARKHEAD														15	12	0													
		NEWTON STEWART	14.2	8.7	11.5		19.6	13	1.9	18			48	38	9	15	17	12	0											2	2
		THREAVE		9.1	11.6																										2
		SEAHOUSES				+1.6																									
		MALHAM TARN																													
		WHITBY CO																													
		BRIDLINGTON				(10.7)																									
		CLEETHORPES				+1.2																									
		HULL																													
		MARCH																													
		EAST BERGHOLT	(15.9)	(7.0)	(11.5)		23.5	11	1.5	23			4	9	3	15	4	1		0											
		STANFORD-LE-HOPE																													
		HUDDERSFIELD(OKES)	14.1																												
		NOTTINGHAM		8.4	11.9	+1.2																									
		OSWESTRY							2.4	2																					
		PRESTON MONTFORD																													
		COVENTRY AIRPORT	15.2	6.9	11.1																										
		CHELTENHAM	16.3		12.1	+1.1		12																							
		MEDMENHAM	16.4	5.6	11.0																										
		HAMPTON																													
		HARROW WEALD		7.8	12.0																										
		ST JAMES PARK																													
		SOUTHGATE																													
		WADDON	(16.5)	(7.9)	(12.2)	(+0.9)																									
		LAMBOURN																													
		(WARREN FARM)		7.6	11.5																										
		SHINFIELD (NIRD)																													
		EDENBRIDGE		(6.1)	(11.2)				1.2	23																					
		GILLINGHAM	16.7		13.0																										
		HADLOW COLLEGE	(16.4)	(5.9)	(11.1)		23.6	11	1.9	31	(12.0)	(13.3)	5		3	15	6	1	0	0	0	0	0	0	0	0	0	4	0		
		HERNE BAY							4.5	23																					
		MARGATE																													
		HAYLING ISLAND	15.9	9.9	12.9					18																					
		LONG SUTTON																													
		SANDOWN																													
		SHANKLIN		9.5	12.5	+0.6																									
		BOGNOR REGIS		9.7																											
		ROGATE	(16.2)	(7.0)	(11.6)		25.4	12	0.5	29	(12.5)																				
		WORTHING																													
		PLUMPTON	16.3	8.2	12.3																										
		NEWTON RIGG		8.1	10.9	+1.6																									
		MORECAMBE																													
		PRESTON																													
		RIGBURTH		10.1	12.6																										
		ST HELENS																													
		BOLTON																													
		CHWYSTRADLLYN		9.1	11.9																										
		LLYN ALAW		9.6	12.1				3.5	17																					
		PEN-Y-FFRIDD		9.8	12.5																										
		COLWYN BAY																													
		PRESTATYN											(26)	(39)				(14)	(7)												
		MOEL CYNNEDD																													
		CARMARTHEN		8.4	12.0				1.2	23																					
		CHWYSTWYTH		7.7	10.7				-1.0	18																					
		GOGERDDAN																													
		ORIELTON		9.9	12.7																										
		TENBY	(13.5)	(9.5)	(10.6)																										
		CENARTH		(7.7)			21.3	12	-1.0	18																					
		LLANGENNY																													
		MUMBLES HEAD	15.5	11.3	13.4																										
		SWANSEA																													
		BRIDGEND																													
		USK	17.0		11.3	+0.8		11																							
		BATH	15.6	(8.5)	(12.1)				(0.5)	18																					
		EXTON																													
		HARTLAND POINT	15.1	11.7	13.4	+1.4			8.2	2																					
		SLAPTON																													

(X) URBAN ROOFTOP SITE



# MONTHLY WEATHER REPORT

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

**MARCH**  
VOLUME 96**1979**  
NUMBER 3

## Mostly cold, wet and windy, with heavy snowfall in the third week.

A westerly airstream predominated during the early part of the month, with a succession of fronts associated with depressions to the north crossing all parts of Britain. A deep depression moved south-eastwards to Denmark on the 12th, however, marking a change in the pressure distribution. Another depression then moved eastwards up the English Channel and the low-pressure area which developed over northern France and southern and eastern England gave rise to a north-easterly airstream between the 14th and the 18th.

The pressure gradient slackened on the 19th and a cold front then moved south-eastwards across all districts on the 20th and 21st. A wave-depression had developed over eastern Scotland, however, and this became slow-moving over the North Sea, bringing a north-westerly flow to many areas. A ridge of high pressure then moved eastwards over central and southern Britain on the 23rd and 24th, and this was followed by a complex low-pressure system. A deep depression became almost stationary off eastern England on the 28th and a strong northerly airflow was maintained until the 30th, when a weak ridge, followed by further fronts, crossed all parts from the north-west.

### Weather

This was a windy month, with frequent local gales. It was rather mild at first, but became very cold around mid-month. Wintry showers fell mainly in northern districts during the first two weeks, but then spread to all areas. Heavy snowfall particularly affected north-eastern England and eastern Scotland during the third week. Monthly rainfall totals were well above average in most parts.

### Wind

Gales were frequently reported in the north and west of Scotland and also occurred along the coasts of England and Wales from time to time. The gales were occasionally severe. Inland areas also experienced strong winds, particularly during the last week. Wind directions were mainly south-westerly until the 12th, but became north-easterly between the 14th and the 18th. South-west to north-west winds then predominated, although directions were south-easterly on the 24th and 25th and northerly between the 28th and 30th.

### Temperature

Although the early part of the month was comparatively mild, the much colder conditions which followed resulted in below-average monthly mean temperatures in all districts. Both Scotland and Northern Ireland had their coldest March since 1969, with mean values mainly between 1.5 and 2.5 °C below average. Over England and Wales mean temperatures ranged from 1.5 °C below average in parts of the north and west to only a little below normal along the East Anglian coast.

Monthly maxima in Northern Ireland and Scotland mostly occurred on the 2nd, when the temperature rose to 15.7 °C at Achany (Highland Region). Much of England had a mild day on the 11th, but the weather became much colder generally around mid-month. The night of the 18th/19th was very cold in the Scottish Highlands, the temperature falling to -16.5 °C at Braemar. The rest of the month was mostly

rather cold, but southern areas had a brief mild spell during the last week, maxima of at least 15 °C occurring in East Anglia and southern England on the 25th.

### Rainfall

Rainfall was above average in all areas and this was the wettest March over England and Wales, taken together, since 1947. Monthly rainfall values exceeded 200 per cent of average in Shetland, over a large part of the Scottish Highlands and the Southern Uplands, in many central and eastern districts of England, in parts of Wales and on Bodmin Moor in Cornwall. Over 300 per cent of the average was recorded in places, particularly in north-eastern England, where the heavy rainfall caused flooding, and more than 400 per cent of the normal fell in the area between the Rivers Tees and Wear. Rainfall in remaining parts of the United Kingdom was between 100 and 200 per cent of average.

Periods of rain or showers, which became increasingly wintry, occurred throughout the month and the totals in some northern areas include the water equivalent of heavy snowfall. Thunderstorms occasionally occurred, mostly during the third week in southern England. A number of daily rainfalls exceeded 50 mm in northern districts and in Wales during the month, and 176.2 mm fell at Honister Pass (Cumbria) in the 24 hours starting at 09 GMT on the 8th.

### Snow

Wintry showers were mainly confined to northern areas during the first two weeks, but began to affect all parts around mid-month. Sleet and snow spread to most of England and Wales on the 16th, and although the snow did not lie for long in southern counties, the combination of heavy snowfall and gale force north-easterly winds in northern England and southern Scotland led to considerable drifting, particularly over the northern Pennines, where drifts up to about 5 m were observed. Snow fell continuously in the Newcastle area between the 16th and the morning of the 19th, level snow accumulating to a depth of 45

cm at Gosforth. Over 200 passengers were reported to be stranded at Newcastle Airport, several villages in the Yorkshire Wolds were isolated, and snowdrifts blocked roads as far south as Derbyshire. Undrifted depths of at least 10 cm occurred widely in central England and depths of 30 cm were measured in level snow in Shropshire. Eastern and southern Scotland were affected by a belt of snow moving southwards on the 20th and 21st, when level snow lay to depths of over 20 cm on low ground. Wintry showers continued to occur during the last week, but became less frequent by the end of the month.

### Sunshine

Sunshine was above average in Northern Ireland, eastern Scotland, in parts of central Scotland and in the Western Isles, where Tiree, with 152 per cent of the average there, had its sunniest March since 1937. Extreme south-east and south-west England also had above-average sunshine. Totals were below normal in almost all remaining parts of the United Kingdom, and although values were within 10 per cent of average in south-eastern counties of England, less than 70 per cent of the normal sunshine was recorded over much of Wales and the west Midlands. Most areas had sunny periods from time to time throughout the month, however, and almost all parts had a very sunny day on the 23rd.

### Fog

In general, the month was too windy for the formation of fog, and the isolated fog patches which sometimes developed in inland areas were mostly associated with precipitation. Hill fog occurred from time to time and patches of coastal fog occasionally affected south-western Britain.

### Miscellaneous Phenomena

Lightning and an exceptionally loud clap of thunder caused damage in Marlborough (Wiltshire) on the afternoon of the 18th. A tree was struck by lightning, windows were broken and slates were ripped off roofs.

**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				
0 Scotland N	13.1	-8.5	-2.1	-1.9	-2.0	-1.3	+8	228	102
1 Scotland E	14.0	-16.5	-2.1	-1.1	-1.6	-1.4	+8	173	105
2 England E & NE	14.9	-4.5	-1.3	-0.5	-0.9	-0.9	+8	271	81
3 East Anglia	14.5	-3.6	-1.1	-0.1	-0.6	-0.9	+10	220	84
4 Midland Counties	14.5	-4.8	-1.8	-0.3	-1.0	-1.1	+9	222	78
5 England SE & Central S	15.0	-4.4	-1.2	-0.3	-0.8	-0.8	+10	223	90
6 Scotland W	11.6	-11.6	-2.2	-1.4	-1.8	-1.3	+7	187	99
7 England NW & Wales N	13.1	-4.8	-2.1	-0.4	-1.2	-1.4	+7	203	72
8 England SW & Wales S	14.2	-4.0	-1.6	-0.7	-1.1	-0.8	+10	195	77
N Ireland	12.2	-5.2	-2.2	-1.7	-1.9	-1.3	+5	130	106
Scotland	14.0	-16.5	-2.1	-1.5	-1.8	-1.3	+8	196	102
England & Wales	15.0	-4.8	-1.5	-0.4	-0.9	-1.0	+9	222	80

\*Highest maximum and lowest minimum of District Value Stations

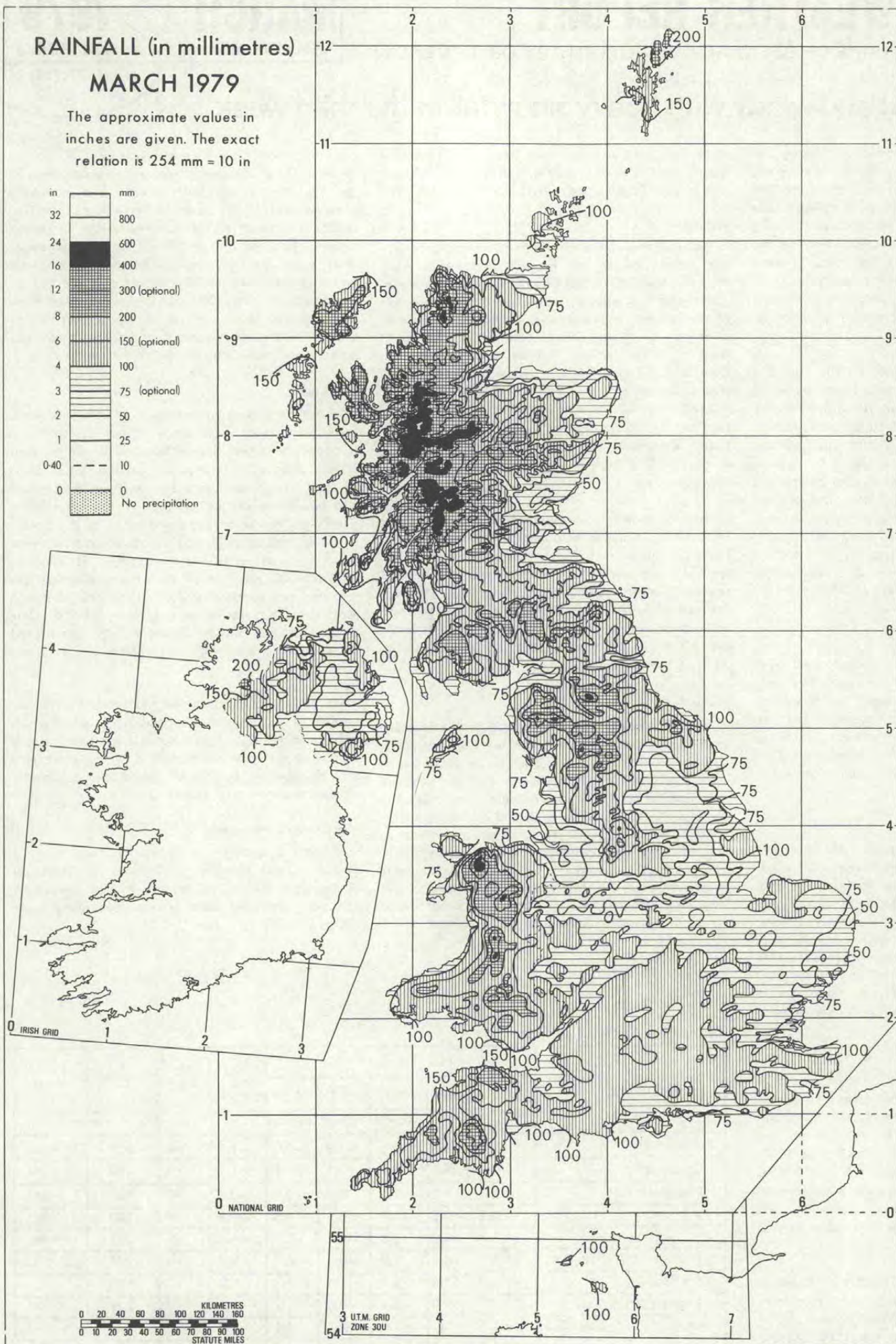
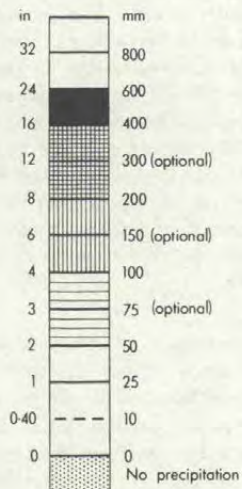
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# RAINFALL (in millimetres)

## MARCH 1979

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





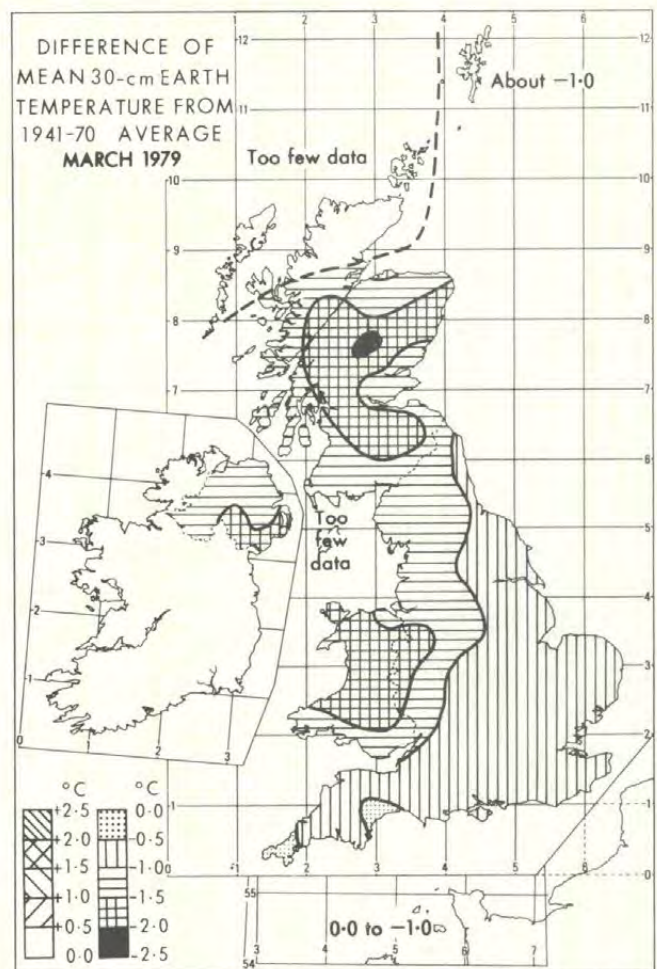
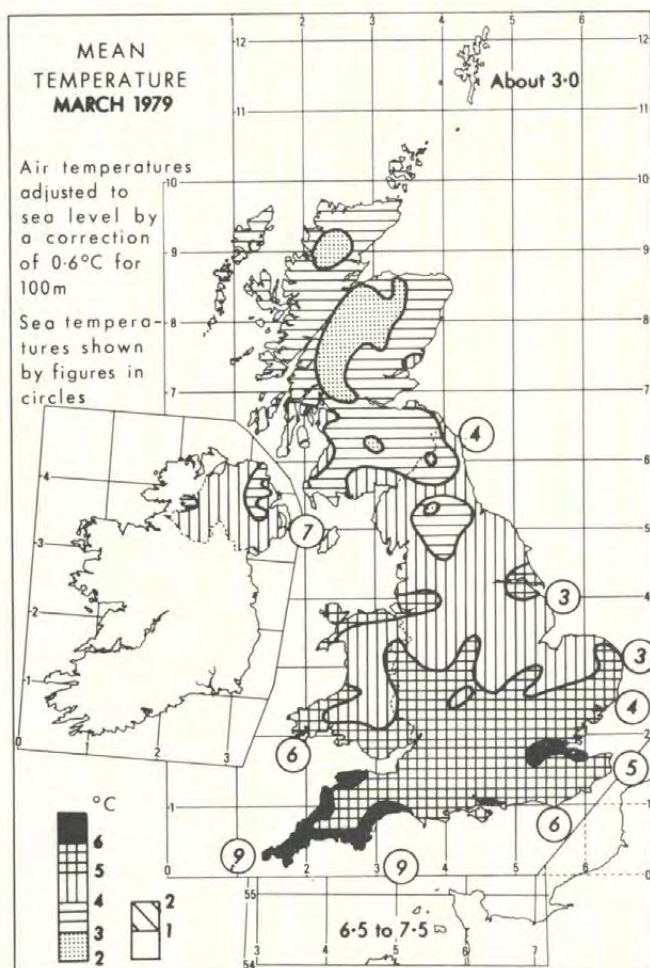
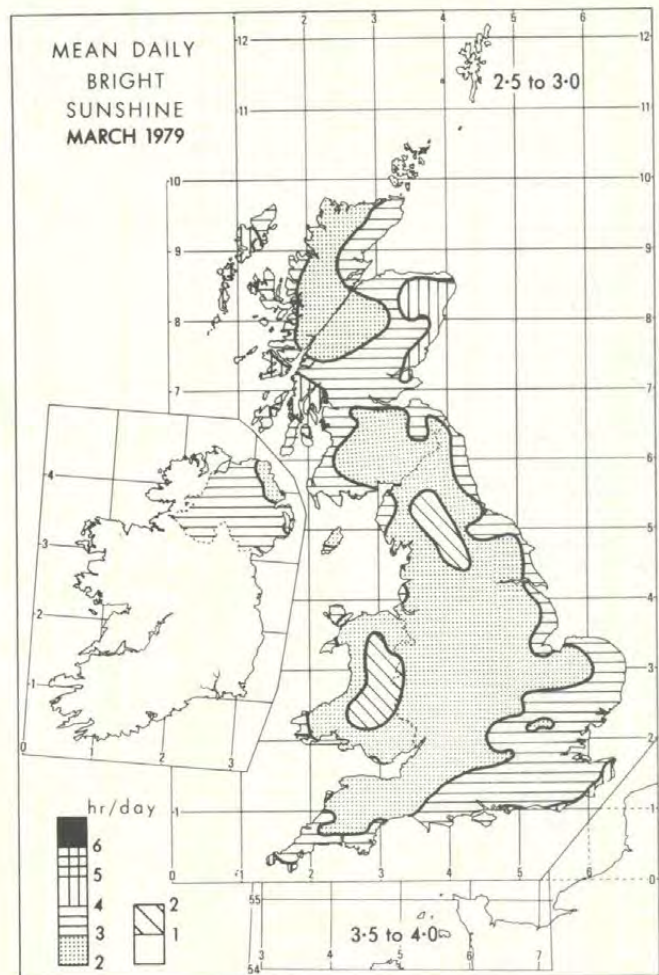
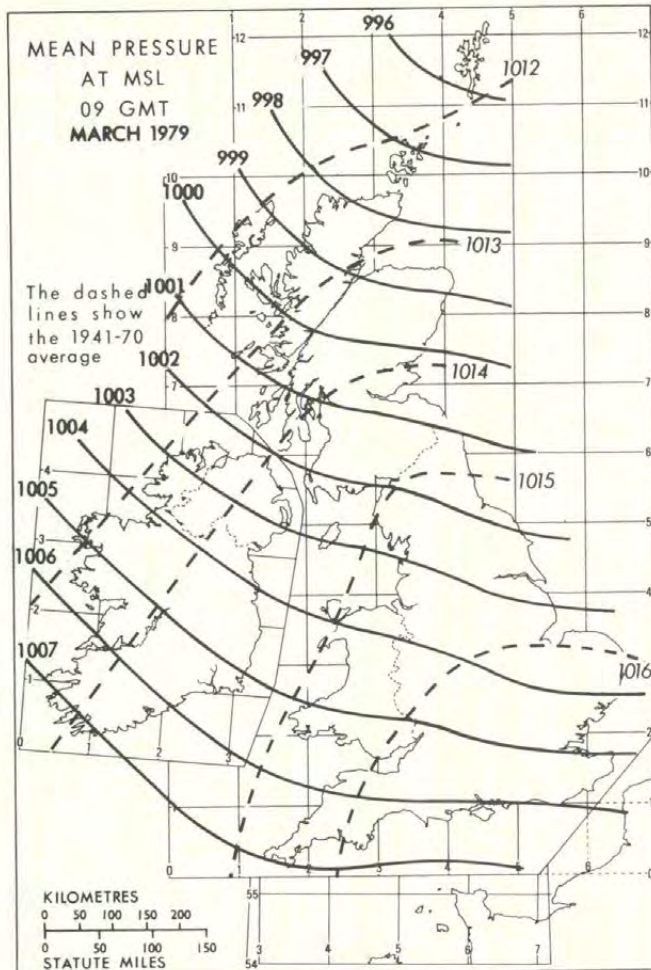




TABLE 2 SOLAR RADIATION

MARCH 1979

STATION	DAILY GLOBAL IRRADIATION ON A HORIZONTAL SURFACE (MEGAJOULES PER SQUARE METRE)						DAILY DIFFUSE IRRADIATION ON A HORIZONTAL SURFACE (MEGAJOULES PER SQUARE METRE)					
	MAX.	DATE	MIN.	DATE	DAILY MEAN	NO. OF DAYS	MAX.	DATE	MIN.	DATE	DAILY MEAN	NO. OF DAYS
LERWICK	13.1	22	1.4	25	6.7	31	7.4	31	1.4	25	4.5	31
ABERDEEN UNIVERSITY	16.0	23	1.2	29	8.1	31						
ESKDALEMUIR	15.7	23	1.1	8	7.0	31	8.6	24	1.2	8	4.9	31
MOOR HOUSE	16.9	23	1.4	2	7.9	31						
SUTTON BONINGTON												
GRAHAM WATER												
ABERPORTH	16.5	23	1.3	3	7.5	30	7.2	15.19	1.4	3	4.7	30
CARDINGTON	16.0	24	1.6	16	7.2	31	6.8	31	1.4	16	4.4	31
SILSOE	18.5	23	1.6	16	7.6	31	6.9	11	1.6	16	4.5	31
ROTHAMSTED												
GARSTON	16.5	23	1.6	16	7.1	31						
MALLINGFORD	17.8	23	1.7	13	6.8	31						
LONDON WEATHER CENTRE												
KEW	16.6	23	1.5	16	6.8	31	6.2	27	1.4	16	4.2	31
EASTHAMPTON	17.6	23	1.6	13.14	7.2	31	6.7	17	1.6	13.14	4.2	31
EAST MALLING	16.1	23	0.2	14	7.4	31						
RUSTINGTON												
WAREHAM												
JERSEY AIRPORT	16.9	20	1.5	14	8.9	31	8.0	26	1.5	14	5.0	31
ALDERGROVE	17.4	23	2.0	2	7.6	31	7.5	18	1.9	2	4.7	31

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

MARCH 1979

DISTRICT REGION/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	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	ORLE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE			
			MAX. (A)	MIN. (B)			MAX.	DATE								MIN.	DATE														0.2 MM OR MORE	1.0 MM OR MORE	
D SCOTLAND N																																	
SHEPHERD			9 9	24	5.3	0.3	2.8	-1.4	9.2	2	-2.0	10	2.8	-	211	234	24	21	29	26	21	4	4	0	1	0	10	-	-	2	2.53	98	-
BALASOUND			9 9	57	4.9	1.6	3.3	-	8.7	2	-1.6	17	3.5	4.1	112	-	16	21	28	21	22	4	5	12	2	0	6	22	-	20	2.80	-	-
FAIR ISLE			21-9	82	4.4	0.6	2.5	-	8.0	2	-1.8	10	-	-	175	-	16	21	26	22	24	6	4	11	1	0	11	26	24	12	2.95	106	-
LERWICK					4.5	0.5	2.5	-1.3	8.5	2	-2.4	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PSYCHROMETER																																	
SCREEN																																	
ORKNEY																																	
KIRKWALL AIRPORT			21-9	26	5.4	1.1	3.3	-1.4	11.5	2	-1.4	10	-	-	92	124	25	24	28	20	26	1	4	11	1	0	8	18	18	5	2.82	88	-
WEYLAND			9 9	24	5.7	1.1	3.4	-	11.2	2	-0.9	10	3.0	-	87	-	25	24	25	20	13	0	0	1	0	0	5	14	-	0	-	-	-
WESTERN ISLES																																	
BENBECULA			21-9	6	6.5	1.2	3.9	-2.0	10.0	2	-3.5	19.21	-	-	131	160	32	24	26	20	21	1	3	14	0	0	12	20	21	10	4.51	123	-
SCALPAY			9 9	18	6.4	1.1	3.7	-	10.6	2	-1.5	21.30	-	-	171	-	28	24	25	22	17	8	0	6	0	0	7	21	-	5	4.16	-	-
STORMWAY			21-9	15	5.7	0.9	3.3	-2.3	10.7	2	-3.1	21	-	-	140	184	15	24	28	23	21	4	1	18	1	0	13	19	18	1	3.79	109	-
HIGHLAND																																	
ACHARY			9 9	107	5.2	-1.0	2.1	-	15.7	2	-8.2	19	2.3	-	137	-	23	24	28	22	22	16	0	2	0	0	19	28	-	1	3.01	-	-
ACHNASHELLACH			9 9	67	5.7	-0.1	2.8	-2.2	9.7	2	-8.5	19	-	-	376	235	73	2	27	24	19	10	0	2	0	0	17	-	-	0	-	-	-
CAPE WRATH			21-9	112	4.6	0.9	2.7	-2.4	8.5	2	-4.5	9	-	-	128	164	14	19	28	24	24	5	2	11	1	0	13	15	19	11	2.74	-	-
CASLEY			9 9	99	5.2	-0.4	2.4	-	10.5	2	-6.7	19	-	-	356	-	72	2	29	26	-	-	-	-	-	-	16	29	-	-	-	-	-
CORPACH			9 9	8	6.4	0.2	3.3	-	10.5	2	-6.9	19	-	-	303	-	65	2	23	16	6	3	0	3	0	0	12	-	-	0	-	-	-
DALCROSS			9 9	11	5.7	0.2	2.9	-	14.0	2	-7.9	18	-	-	75	209	21	24	25	17	-	4	-	-	-	0	11	21	-	0	-	-	-
DALWHINNIE			9 9	351	3.2	-3.1	0.1	-	9.2	2	-14.7	19	-	-	218	-	37	2	25	19	23	30	0	0	0	1	28	28	-	0	2.60	-	S
DIABRAIG			9 9	60	5.8	0.5	3.1	-	10.0	2	-3.6	19	-	-	175	-	27	24	25	24	20	11	0	7	1	1	10	-	-	0	-	-	-
DOUNREAY			9 9	21	6.1	0.7	3.4	-	13.0	2	-3.0	19	-	-	73	117	18	24	27	19	8	4	0	0	0	0	9	20	-	0	-	-	-
FORT AUGUSTUS			9 9	21	5.9	-0.1	2.9	-2.2	10.3	2	-8.7	19	-	-	229	-	51	2	25	19	19	7	1	3	1	0	12	-	-	0	2.44	85	-
FORTROSE			9 9	5	5.4	0.4	2.9	-2.4	11.2	2	-5.3	19	-	-	79	214	18	24	24	18	-	3	-	-	-	0	11	-	-	-	3.38	101	-
GEISDEIL			9 9	12	-	-0.1	-	-	-	-	-3.0	16.19	-	-	162	-	18	10	29	27	-	-	-	-	-	-	-	-	-	-	-	-	-
GLENMORE LODGE			9 9	341	3.4	-2.4	0.5	-	11.8	2	-14.7	19	-	-	193	284	23	20	26	24	21	24	0	0	0	2	27	29	27	1	2.18	-	S
GRANTOWN-ON-SPEY			9 9	229	4.1	-1.8	1.1	-	11.9	2	-14.0	19	-	-	138	-	23	20	27	23	18	23	0	0	0	1	23	28	-	0	3.19	-	-
HEASTE			9 9	109	5.4	-0.3	2.5	-	8.6	2	-6.5	19	-	-	245	-	57	24	25	22	21	9	1	4	0	0	18	24	-	7	-	-	-
INVERGORDON			9 9	15	6.0	-0.2	2.9	-	10.3	2	-6.4	18	-	-	90	-	22	24	24	18	-	6	-	-	-	0	14	-	-	-	-	-	-
INVERNESS			9 9	4	6.3	0.7	3.5	-	13.5	2	-6.0	19	-	-	81	219	13	24	25	20	10	5	0	0	0	0	7	24	-	0	3.10	-	-
INVERPOLLY			9 9	14	5.9	0.3	3.1	-	9.8	2	-6.4	19	3.5	-	172	-	24	2	30	26	23	9	0	11	1	0	11	26	-	1	-	-	-
ISLE OF RHUM			9 9	5	6.6	0.8	3.7	-	10.4	2	-6.5	19	3.9	4.9	256	160	65	24	23	22	8	-	0	13	0	0	9	23	-	7	3.66	-	-
KEISS			9 9	30	6.1	0.2	3.1	-	13.5	2	-4.0	19	2.9	3.4	63	-	21	24	23	15	19	3	5	6	0	0	12	22	-	5	3.25	-	S
KNOCKANROCK			9 9	244	3.7	-1.1	1.3	-	8.4	2	-5.5	19	-	-	290	193	55	24	28	26	-	24	-	-	-	0	21	29	-	-	-	-	-
LAGGANLIA			9 9	250	4.0	-1.9	1.1	-	10.4	2	-15.1	19	-	-	139	-	20	11	28	21	21	24	0	0	0	1	25	28	-	1	-	-	-
LAIRG			9 9	107	5.1	-1.6	1.7	-	13.2	2	-10.3	19	2.0	3.1	188	-	34	24	28	21	24	15	0	0	0	0	24	28	-	1	-	-	-
LENTAN			9 9	146	4.4	-0.9	1.7	-	12.3	2	-8.6	19	-	-	118	-	22	24	24	18	16	21	0	3	0	0	20	29	-	3	-	-	-
NAIRN			9 9	6	5.8	-0.2	2.8	-2.4	13.5	2	-8.8	19	-	-	69	208	19	24	24	15	18	5	2	2	0	0	14	20	-	0	3.41	94	-
ONICH			9 9	15	6.8	-0.4	3.2	-2.3	9.5	1.2-31	-8.0	19	-	-	304	214	47	2	24	17	-	4	-	-	-	1	13	21	-	-	2.59	87	S
POOLEWE			9 9	6	6.2	0.5	3.3	-	10.2	2	-3.6	19	-	-	205	-	26	5	27	24	19	8	0	12	0	0	13	24	-	5	3.20	-	-
PRABOST			9 9	67	5.7	0.0	2.9	-	9.6	1	-6.5	19	-	-	171	138	21	1	27	23	20	13	0	6	0	1	12	27	-	16	3.80	-	-
STRATHCONON			9 9	107	5.9	-1.0	2.5	-	12.4	2	-10.0	19	-	-	241	-	32	24	25	24	-	17	-	-	-	-	-	-	-	-	-	-	
TARBATNESS			21-9	18	5.6	1.0	3.3	-1.8	13.9	2	-3.9	19	-	-	60	-	24	24	24	15	12	8	0	0	0	0	10	-	-	0	-	-	-
TOMATIN			9 9	311	3.3	-2.0	0.7	-	10.9	2	-13.1	19	-	-	164	-	25	4	29	24	25	-	0	1	0	-	23	-	-	0	-	-	-
TORRISDALE			9 9	27	5.8	0.3	3.1	-	13.4	2	-3.4	19	-	-	109	-	11	24	29	26	14	5	3	5	0	0	9	26	-	4	2.74	-	-
WICK			21-9	36	5.8	0.6	3.2	-1.5	13.1	2	-4.2	19	-	-	72	135	28	24	25	16	21	3	1	12	0	0	11	24	21	1	3.47	99	-



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

MARCH 1979

DISTRICT REGION/COUNTY AND PLACE	MAX. TERMINAL H(10M) 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 4-8)	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	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																						
1 SCOTLAND E																																
GRAMPIAN																																
ABERDEEN																																
DYCE AIRPORT	21-9	58	5.8	0.3	3.1	-1.4	13.6	2	-9.5	19	-	-	87	174	17	24	19	15	17	9	1	9	0	0	15	24	20	1	1	4.70	137	-
MANNOFIELD	9-9	52	5.9	0.1	3.0	-1.5	13.4	2	-7.8	19.20	-	-	83	170	19	28	19	13	9	9	0	4	0	0	14	26	-	1	-	-	-	-
BALMORAL	9-9	283	4.0	-1.5	1.3	-1.6	11.0	2	-10.9	19	-	-	95	194	15	28	26	21	18	17	0	0	0	0	21	27	-	1	-	-	-	-
BRANCHORY	9-9	94	6.4	-0.3	3.1	-	13.5	2	-10.4	19	-	-	115	-	24	24	20	14	16	13	0	3	1	0	15	21	18	-	1	3.94	-	-
BRANFF	9-9	24	5.8	1.2	3.5	-	14.4	2	-4.5	19	-	-	55	126	9	26	19	13	8	2	0	1	0	0	6	-	5	-	3.93	-	-	
BRANMAR	9-9	339	3.6	-2.0	0.8	-1.9	10.7	2	-16.5	19	-	-	109	209	15	28	25	22	-	20	-	-	-	0	22	28	-	1	-	3.08	103	-
CLASHNOIR	9-9	338	3.1	-2.5	0.3	-	11.4	2	-14.5	19	0.5	-	127	-	21	28	26	19	25	25	0	0	0	3	24	31	11	1	3.39	-	-	
CRAIBSTONE	9-9	91	5.5	0.0	2.7	-1.7	13.3	2	-6.6	19	1.8	2.3	74	146	14	21	19	15	11	13	0	0	0	1	15	24	-	1	4.72	134	-	
CULTERTY	9-9	3	6.6	0.2	3.4	-	14.5	2	-6.6	19	-	-	87	212	21	21	19	16	6	-	0	0	0	1	14	22	0	0	4.65	-	-	
ELGIN	9-9	15	6.2	0.7	3.5	-	14.2	2	-5.9	19	-	-	63	155	15	20	26	15	20	6	0	4	0	0	11	23	0	0	3.27	-	-	
FOREHILL	9-9	40	5.7	0.2	2.9	-	13.7	2	-5.6	19	-	-	88	-	26	21	20	15	8	3	0	0	0	2	13	21	2	-	-	-	-	
FORRES	9-9	5	6.1	0.4	3.3	-1.8	13.5	2	-6.5	19	2.9	3.4	67	-	11	20	23	16	19	6	0	5	0	1	12	20	-	1	3.22	90	-	
FRASERBURGH	21-9	19	5.9	1.3	3.6	-	14.2	2	-4.0	19	-	-	87	208	36	21	20	14	11	1	0	1	0	0	8	9	7	4	3.71	-	-	
FYVIE CASTLE	9-9	55	5.9	-0.6	2.7	-	13.0	2	-9.0	18.19	-	-	87	155	18	21	19	17	12	9	0	0	0	-	14	21	-	12	-	-	-	
GARTLY	9-9	146	5.2	-0.8	2.2	-	12.6	2	-11.9	18	-	-	96	-	13	28	24	19	-	-	-	-	-	-	14	29	-	-	-	-	-	
GLENLIVET	21-9	215	4.5	-0.8	1.9	-	12.9	2	-13.1	19	-	-	117	220	23	20	26	20	24	17	3	0	0	2	19	26	25	1	3.45	-	-	
INVERURIE	9-9	54	6.2	-0.2	3.0	-	14.2	2	-9.2	19	-	-	75	-	14	20	20	13	13	8	0	1	0	0	12	20	-	0	4.55	-	-	
KEITH	9-9	106	5.4	-0.8	2.3	-	14.1	2	-9.6	19	-	-	83	-	19	28	23	18	21	9	1	1	0	-	15	25	-	0	3.98	-	-	
KINLOSS	21-9	5	6.0	0.6	3.3	-1.8	13.7	2	-6.6	19	3.4	-	63	186	11	20	23	15	19	7	3	5	0	0	14	23	17	2	3.31	-	-	
LOSSIMOUTH	21-9	6	6.2	0.4	3.3	-	14.3	2	-12.6	19	-	-	64	182	13	20	26	15	22	8	0	6	0	1	13	18	17	2	-	-	-	
STONEHAVEN	9-9	4	6.9	(1.1)	(4.0)	(-0.9)	13.0	2	-3.9	1	-	-	65	133	13	24	16	11	10	4	0	0	0	2	5	-	9	4.28	127	-	-	
TAYSIDE																																
ABERDORTH	9-9	29	6.3	1.2	3.7	-	11.6	2	-4.9	19	-	-	38	98	10	24	15	8	7	1	0	1	0	0	6	22	-	0	4.24	114	-	
ARDALNAIG	9-9	130	5.9	0.1	3.0	-	11.0	31	-6.9	19	-	-	174	195	25	2	22	18	17	6	0	0	0	0	13	25	-	0	3.32	-	-	
DALL	9-9	232	4.7	-2.2	1.3	-	11.2	2	-12.0	19	-	-	176	235	25	2	19	15	19	9	0	0	0	0	23	27	-	0	-	-	-	-
DRUMMOND CASTLE	9-9	113	5.9	-0.4	2.7	-	10.9	2	-8.3	19	2.5	-	154	-	21	8	22	18	14	13	0	0	0	-	14	26	-	1	3.86	-	-	
DUNDEE	9-9	45	6.7	0.9	3.8	-1.2	10.6	31	-6.7	19	2.8	-	53	118	13	24	16	12	9	6	0	1	0	0	9	22	-	0	4.14	126	-	
FASKALLY	9-9	94	6.4	-0.4	3.0	-	12.5	2	-8.8	19	1.3	2.5	80	162	9	24	20	16	11	4	0	0	0	0	14	23	-	0	-	-	-	
KINDROGAN	9-9	259	4.3	-1.8	1.3	-	10.2	2	-11.0	19	-	-	89	-	14	11	23	15	16	16	0	2	0	0	26	29	-	2	-	-	-	
KINROSS	9-9	116	5.7	-0.9	2.4	-	10.7	2	-9.4	19	2.6	-	110	-	18	24	19	18	-	12	-	-	-	0	19	27	-	-	3.25	-	-	
MONTROSE	9-9	57	5.9	0.3	3.1	-	12.1	2	-4.0	19.20	-	-	58	133	15	24	21	14	10	6	6	0	0	0	12	20	-	0	-	-	-	
MYLNEFIELD	9-9	30	6.1	0.2	3.1	-	12.0	2	-9.5	19	3.0	3.8	58	131	11	25	19	14	7	6	1	1	0	3	12	23	-	0	3.75	-	-	
PERTH	9-9	23	6.6	0.0	3.3	-1.7	12.0	2	-8.0	19	-	-	81	177	15	24	23	17	-	5	-	-	-	1	16	-	-	-	-	-	-	
STRATHALLAN	9-9	41	6.4	0.2	3.3	-	12.3	2	-9.5	19	-	-	86	-	17	24	20	18	14	9	1	0	0	1	12	23	-	3	-	-	-	
USAN	21-9	30	6.1	1.0	3.5	-	12.3	2	-6.2	19	-	-	37	-	11	24	17	10	8	0	0	1	0	0	12	15	18	3	4.31	-	-	
WHITELLOCKS	9-9	258	4.5	-1.0	1.7	-	11.2	2	-10.5	19	-	-	160	210	21	24	28	19	21	16	0	0	0	0	18	27	-	0	-	-	-	-
FIFE																																
BELLISTON	9-9	82	6.3	0.6	3.5	-	11.3	2	-4.2	19	3.1	-	65	135	13	25	20	13	8	3	0	4	0	1	11	25	-	2	-	-	-	
CUPAR	9-9	36	6.4	0.2	3.3	-	11.6	2	-8.4	19	2.6	-	72	-	16	24	25	15	10	8	0	1	0	-	14	25	-	0	3.95	-	-	
LEUCHARS	21-9	10	6.8	0.4	3.6	-1.5	11.9	2	-6.0	19	-	-	49	123	14	24	18	12	15	4	1	2	0	0	13	23	18	3	4.16	113	-	
PITREAVIE	21-9	40	6.2	0.6	3.4	-	12.0	2	-7.5	19	-	-	82	192	18	25	23	19	13	10	1	2	0	3	11	23	2	-	-	-	-	
ST ANDREWS	9-9	18	6.6	0.9	3.7	-	12.0	2	-4.5	19	2.9	3.9	49	113	20	24	16	11	7	0	0	0	0	1	10	18	-	0	3.82	-	-	
LOTHIAN																																



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

MARCH 1979

DISTRICT REGION/COUNTY AND PLACE		MAX. TERMINAL HEIGHT MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C								MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL H 09 GMT)		WEATHER (NUMBER OF DAYS)										BRIGHT SUNSHINE								
				MEANS OF		DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	AMOUNT (MM)	DATE	PRECIP- ITATION	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	DRESS MIN. BELOW 0 DEG C	CONCRETE MIN. BELOW 0 DEG C	DRY	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE			
				MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE																							
6 SCOTLAND W																																		
STRATHCLYDE																																		
ACHAGLACHGACH ...		9 9	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
AROS ...		9 9	37	6.8	0.2	3.5	-	9.7	2	-8.0	19	-	-	193	-	39	24	20	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
AUCHINCUIVE ...		9 9	45	6.7	1.2	3.9	-1.6	11.6	2	-4.5	19	3.9	4.5	97	190	17	25	23	18	12	4	0	0	0	0	0	0	0	0	0	0	3.10	91	-
BENMORE (YOUNGER BOTANIC GARDEN)		9 9	12	6.8	0.7	3.7	-	11.0	2	-3.9	19	3.3	-	281	181	55	24	21	19	15	3	0	0	0	0	0	0	0	0	0	0	-	-	
BRODICK CASTLE ...		9 9	15	7.4	1.4	4.4	-	12.4	2	-1.6	22	5.0	-	206	179	35	24	21	17	13	3	0	0	0	0	0	0	0	0	0	0	-	-	
CAMPS RESERVOIR ...		9 9	295	3.8	-1.6	1.1	-	9.6	2	-5.4	19	-	-	222	300	22	29	27	23	23	19	0	0	0	0	0	0	0	0	0	0	2.32	-	
CARNMATH ...		9 9	208	4.9	-1.3	1.8	-	10.2	2	-9.1	19	2.0	-	116	241	13	21	28	22	23	18	2	3	0	0	0	0	0	0	0	0	-	-	
COATBRIDGE ...		9 9	66	6.3	-1.0	2.7	-	11.0	2	-9.0	19	-	-	117	233	18	25	21	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
COLONSAY ...		9 9	35	6.8	1.4	4.1	-	9.5	2	-3.5	19	-	-	116	-	15	8	21	17	7	0	1	4	0	0	0	0	0	0	0	0	3	-	
CRAIGHOUSE ...		9 9	4	7.2	1.3	4.3	-	10.7	31	-4.3	19	-	-	163	-	22	10	20	18	15	3	4	4	0	0	0	0	0	0	0	0	-	-	
CRAWFORD JOHN ...		9 9	274	4.1	-1.5	1.3	-	10.0	2	-9.0	19	1.7	-	-	-	-	-	20	16	0	0	0	0	0	0	0	0	0	0	0	0	2.54	-	
CUMNOCK ...		9 9	99	6.3	-0.3	3.0	-	11.2	2	-5.4	23	3.5	-	125	-	19	6	25	18	14	0	0	0	0	0	0	0	0	0	0	0	2.81	-	
DUNSTAFFNAGE ...		9 9	3	6.5	1.1	3.8	-	10.1	2	-5.1	19	-	-	193	-	37	2	19	16	10	3	3	1	0	0	0	0	0	0	0	0	0	-	
EAST KILBRIDE ...		9 9	178	5.2	-0.2	2.5	-	10.1	2	-8.4	19	-	-	165	-	23	8	27	19	16	13	0	1	0	0	0	0	0	0	0	0	3.11	-	
GIRVAN ...		9 9	8	7.2	1.4	4.3	-	10.2	2	-3.6	19	-	-	98	163	17	25	23	15	7	0	0	0	0	0	0	0	0	0	0	0	3.34	-	
GLASGOW																																		
ABBOTSLINCH AIRPORT ...		21-9	5	6.6	0.6	3.6	-1.9	11.5	2	-6.2	19	-	-	138	-	19	25	23	17	19	4	1	5	0	0	0	0	0	0	0	0	3.33	110	-
SPRINGBURN PARK ...		9 9	107	5.9	0.0	2.9	-2.0	10.5	2	-7.7	19	-	-	112	178	13	25	23	20	20	10	0	3	0	0	0	0	0	0	0	0	-	-	
WEATHER CENTRE (X)		21-9	40	6.4	1.8	4.1	-	11.4	2	-4.3	19	-	-	105	-	18	25	22	18	15	-	0	3	0	0	0	0	0	0	0	0	3.02	-	
GREENOCK ...		9 9	61	-	-	-	-	-	-	-	-	-	-	208	204	37	24	20	18	-	-	-	-	-	-	-	-	-	-	-	-	-		
HELENSBURGH ...		9 9	96	5.9	-0.2	2.9	-1.9	9.8	1	-5.4	19	-	-	170	177	29	2	19	17	-	7	-	-	-	-	-	-	-	-	-	-	-	-	
HUNTERSTON ...		9 9	8	6.9	1.9	4.4	-	11.2	2	-2.4	19	-	-	104	-	18	24	20	15	9	2	0	2	0	0	0	0	0	0	0	0	-	-	
KILDONAN ...		9 9	18	6.9	0.4	3.7	-	9.5	28.31	-3.0	19	-	-	134	-	23	10	25	16	9	-	0	0	0	0	0	0	0	0	0	0	4.10	-	
KILMARNOCK ...		9 9	34	6.9	0.0	3.5	-	11.4	2	-5.6	19	4.2	4.6	121	-	18	25	21	18	9	-	0	1	0	0	0	0	0	0	0	0	-	-	
KNAPDALE FOREST ...		9 9	12	6.7	-0.2	3.3	-	10.6	2	-7.2	19	-	-	215	-	42	24	20	20	7	2	1	2	0	0	0	0	0	0	0	0	-	-	
LEADHILLS ...		9 9	388	3.2	-1.8	0.7	-	8.9	2	-7.9	19	-	-	214	214	46	6	29	21	22	24	1	1	0	0	0	0	0	0	0	0	-	-	
MACHRITHANISH ...		21-9	10	6.8	1.9	4.3	-	13.6	2	-2.4	19	-	-	99	135	21	24	19	17	18	1	2	7	2	0	0	0	0	0	0	0	3.84	-	
MILLPORT ...		9 9	5	7.1	1.3	4.2	-	11.0	2	-2.4	10	-	-	113	157	(21)	24	17	11	12	1	0	3	0	0	0	0	0	0	0	0	-	-	
PAISLEY ...		9 9	32	6.9	0.9	3.9	-1.9	11.5	2.31	-5.5	19	3.4	5.1	157	225	21	25	23	18	12	4	0	3	0	0	0	0	0	0	0	0	3.11	106	
PRESTWICK ...		21-9	16	6.7	1.4	4.1	-	11.9	2	-4.8	19	-	-	94	180	19	25	22	15	14	1	0	3	0	0	0	0	0	0	0	0	3.46	-	
RHUVAL ...		21-9	20	6.2	2.4	4.3	-	11.3	2	-1.7	19	-	-	143	170	29	24	18	17	6	0	1	1	0	0	0	0	0	0	0	0	-	-	
ROTHESAY ...		9 9	43	6.4	1.4	3.9	-	11.0	2	-2.0	19	3.6	4.1	141	164	22	24	21	18	5	3	0	0	0	0	0	0	0	0	0	0	-	-	
STRONACHULLIN ...		9 9	2	7.5	1.2	4.3	-	11.0	1.2	-4.8	19	-	-	247	-	(40)	2	21	21	3	2	0	0	0	0	0	0	0	0	0	0	-	-	
TIREE ...		21-9	9	6.7	-1.8	4.3	-1.9	9.5	2	-4.6	19	-	-	109	156	41	24	19	15	14	2	3	14	0	0	0	0	0	0	0	0	5.53	152	
UPLAWMOOR ...		9 9	128	5.6	-0.8	2.4	-	10.0	2	-7.6	19	-	-	216	-	38	1	26	19	19	13	0	4	0	0	0	0	0	0	0	0	-	-	
CENTRAL																																		
ARROCHMORE ...		9 9	30	6.3	-1.1	2.6	-	10.8	2	-6.4	19	-	-	206	-	37	2	22	18	6	4	0	0	0	0	0	0	0	0	0	0	3.34	-	
CALLANDER ...		9 9	107	6.4	-0.3	3.1	-	10.5	30.31	-5.1	19	-	-	202	200	33	8	20	19	12	9	0	0	0	0	0	0	0	0	0	0	-	-	
EARLS HILL ...		21-9	335	3.2	-1.8	0.7	-	8.5	2	-7.0	19	-	-	214	-	31	24	24	17	17	-	1	0	2	3	26	26	26	26	26	0	3.14	-	
FALKIRK ...		9 9	3	6.5	(0.8)	(3.7)	-	11.8	2.31	-3.2	19	-	-	115	-	17	25	22	19	13	8	0	0	0	0	0	0	0	0	0	0	3.55	-	
PARKHEAD ...		9 9	107	(6.7)	(0.5)	(3.6)	-	11.4	31	-5.0	19	2.4		125	-	(27)	24	23	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
STIRLING (BATTERFLATS)		9 9	38	6.9	0.2	3.5	-	11.6	31	-5.5	19	3.5	3.8	139	-	24	24	23	14															



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

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DISTRICT REGION/COUNTY AND PLACE	MAX. TERMINAL (NIGHT) 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 AMOUNT (MM)	DATE	PRECIP- ITATION 0-2 MM OR MORE 1-0 MM OR MORE OR MORE	SNOW OR SLEET 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																						
2 ENGLAND E & NE -CONTINUED																																
DURHAM	9 9	102	6.4	0.7	3.5	-1.4	11.9	25	-3.1	24	3.3	4.1	166	449	51	28	20	14	-	10	-	-	3	13	21	-	-	-	2.92	87	5	
DURHAM ...	9 9	155	5.3	0.0	2.7	-	10.6	10	-5.3	24	3.0	4.6	127	-	39	28	24	13	-	16	-	2	0	2	17	26	21	-	-	-	-	
LOW ETHERLEY	9 9	513	(1.7)	(-2.5)	(-0.4)	-	7.4	25	(-7.0)	18	0.9	-	296	-	48	8	(27)	(25)	-	-	-	-	(7)	(27)	(30)	-	-	-	(12.14)	-	-	
WIDDYBANK FELL	9 9	31	6.8	0.8	3.8	-	13.0	25	-3.7	24	-	-	138	461	49	28	20	17	12	9	0	0	1	0	13	7	-	0	2.65	-	-	
CLEVELAND	9 9	9	7.1	1.7	4.4	-1.5	13.4	25	-1.2	22	-	-	140	423	47	28	15	14	11	7	0	0	0	0	7	-	-	1	3.09	-	-	
HARTBURN GRANGE	9 9	33	7.5	1.2	4.3	-	12.5	3.25	-2.5	24	-	-	54	147	10	28	17	13	10	3	0	0	0	0	8	23	-	1	2.67	83	-	
HARTLEPOOL	9 9	6	7.4	1.8	4.6	-	12.8	25	-3.6	24	3.6	4.0	56	156	15	28	16	12	5	3	0	0	0	1	4	16	-	1	2.63	-	-	
NORTH YORKSHIRE	9 9	175	5.6	0.5	3.1	-	11.3	11	-2.5	24	1.7	-	141	301	24	16	21	16	11	10	0	1	0	3	12	25	-	1	2.21	-	-	
ASKHAM BRYAN	21-9	32	6.8	1.7	4.3	-	13.5	25	-3.0	24	3.3	4.1	108	270	44	28	20	15	11	5	0	3	0	0	9	17	19	2	2.95	-	-	
CAMODD	9 9	395	(3.8)	(-1.0)	(1.4)	-	7.9	25	-5.9	14	1.8	-	195	-	46	8	23	20	19	18	1	0	0	7	20	25	-	3	-	-	-	
HIGH MOWTHORPE	9 9	44	7.2	0.7	3.9	-	12.7	11.25	-4.7	24	3.2	-	127	303	41	28	20	17	11	8	0	0	0	0	9	17	-	0	-	-	-	
LEEMING	9 9	52	7.1	1.8	4.5	-	12.6	25	-0.6	10	3.7	4.3	116	304	21	28	22	17	9	6	0	0	0	0	5	13	9	5	2.95	85	-	
MALHAM TARN	9 9	203	(6.0)	(0.3)	(3.1)	-	12.7	11	-3.3	24	2.6	-	144	272	44	28	(22)	(19)	-	(13)	0	0	0	0	0	(15)	(28)	-	0	-	-	-
PICKERING	9 9	290	4.2	-0.4	1.9	-	9.9	25	-4.5	23	2.5	-	284	-	67	8	23	20	13	14	0	0	0	10	17	26	-	1	1.63	-	5	
SCARBOROUGH	9 9	41	7.1	1.4	4.3	-	12.9	11.25	-3.1	24	-	-	107	-	24	28	20	14	12	7	0	0	0	1	8	19	-	6	3.12	-	-	
SILPHO MOOR	21-9	60	6.4	1.8	4.1	-	12.6	11	-1.7	24	-	-	57	-	9	24	20	14	7	1	0	0	0	0	8	16	19	3	-	-	-	
SWAIZEHOLME	9 9	19	7.6	1.7	4.7	-	13.3	3	-2.6	24	3.6	4.0	65	180	14	28	17	10	3	3	0	0	0	1	5	22	-	0	2.55	-	-	
WHITBY	9 9	48	7.0	0.7	3.9	-	12.7	25	-2.5	9	-	-	85	194	16	28	20	15	13	3	0	0	0	3	11	-	-	9	3.22	-	-	
WHITBY(COASTGUARD)	9 9	7	7.9	1.9	4.9	-0.8	14.0	11	-2.0	24	-	-	74	195	15	16	21	10	-	0	-	-	-	-	-	-	-	-	(3.10)	-	-	
YORK(HESLINGTON)	9 9	2	8.3	2.1	5.2	-0.5	14.9	11	-0.6	18	4.1	4.6	93	226	24	16	22	16	5	3	0	1	0	0	2	14	-	1	3.11	100	-	
HUMBERSIDE	21-9	108	6.5	1.1	3.8	-	13.5	11	-1.6	23	-	-	64	142	13	28	22	14	13	5	0	5	0	1	14	15	13	0	2.86	-	-	
BRIDLINGTON	9 9	21	7.7	1.6	4.7	-	14.1	11	-1.4	23	-	-	87	-	23	16	22	13	-	-	-	-	-	-	-	-	-	-	-	-	-	
CLEETHORPES	21-9	7	7.9	1.5	4.7	-	14.5	11	-3.5	24	-	-	73	-	13	16	19	14	10	3	3	5	0	0	8	18	13	0	-	-	-	
HULL	9 9	62	7.7	0.9	4.3	-1.0	14.3	11	-4.6	24	2.9	2.8	67	172	13	28	19	14	11	5	1	0	0	1	10	22	14	0	2.90	79	-	
LINCOLNSHIRE	9 9	4	7.9	1.4	4.7	-	13.6	11	-1.2	23.24	4.2	4.7	84	-	14	16	19	16	8	1	1	0	0	0	0	14	-	1	3.07	-	-	
BINDROOK	9 9	6	7.8	1.4	4.6	-0.9	14.0	11	-3.0	23	3.7	3.8	62	159	13	28	19	12	8	2	0	0	0	0	8	14	-	0	2.60	-	-	
CAISTOR	9 9	5	7.9	1.8	4.9	-0.4	14.0	11	-2.0	23	-	-	93	243	29	27	18	14	2	0	0	0	0	-	2	8	-	0	3.00	81	-	
CONINGSBY	9 9	4	8.2	1.6	4.9	-	14.6	11	-2.4	24	-	-	77	192	11	28	19	17	3	-	0	0	0	-	5	(10)	-	0	-	-	-	
CRANWELL	21-9	68	7.2	1.5	4.3	-1.1	13.4	11	-3.5	24	-	-	69	168	14	28	17	13	13	4	1	5	0	1	6	15	12	0	2.83	79	-	
KIRTON																																
LINCOLN																																
SKEGNESS																																
SUTTON BRIDGE																																
WADDINGTON																																
3 EAST ANGLIA																																
NORFOLK	21-9	17	7.8	2.2	5.0	-	15.1	25	-2.2	24	-	-	84	206	14	27	21	15	11	0	0	1	1	0	6	12	10	0	-	-	-	
COLTISHALL	9 9	54	-	-	-	-	-	-	-	-	-	-	88	226	9	27	22	14	5	-	0	0	0	0	-	-	-	-	-	-	-	
CROWER	9 9	3	8.0	1.4	4.7	-	14.0	11	-1.4	1	4.2	4.6	85	-	21	27	20	13	3	1	0	0	0	0	7	-	-	0	2.97	-	-	
DENVER	9 9	4	8.1	2.2	5.1	-0.3	14.5	25	-0.8	24	4.6	5.3	44	120	7	28	15	13	0	-	0	0	0	0	1	-	-	0	3.28	86	-	
GORLESTON	9 9	14	7.4	2.2	4.8	-	15.0	25	-0.8	23	4.2	4.6	65	-	8	15	18	16	7	0	2	0	0	0	4	12	8	0	3.41	-	-	
HENSBY	21-9	23	8.1	1.1	4.6	-	14.1	11	-3.0	24	-	-	104	-	17	28	22	16	7	2	1	1	0	0	11	17	13	0	2.84	-	-	
NARHAM	9 9	46	7.5	1.3	4.4	-	14.0	25	-2.2	24	3.9	-	86	-	17	28	19	14	8	2	0	0	0	1	13	14	-	0	2.99	-	-	
MORLEY ST BOTOLPH	9 9	24	8.4	0.9	4.7	-	14.2	25	-7.8	24	3.9	4.4	93	217	26	28	22	16	-	0	-	-	-	10	24	-	-	0	2.63	-	-	
SAWTON DOWNHAM	9 9	27	8.4	1.5	4.9	-	14.7	25	-4.3	24	4.1	4.4	67	-	11	28	20	14	6	0	0	1	1	7	13	-	0	3.16	-	-		
SCOLE	9 9	3	8.0	1.6	4.8	-0.8	14.4	11	-1.5	24	4.1	-	112	302	32	27	23	18	3	0	0	2	0	0	2	13	-	0	2.62	71	-	
TERRINGTON ST CLEMENT																																
CAMBRIDGESHIRE	9 9	53	8.0	1.2	4.6	-	13.6	11	-2.3	24	-	-	88	232	20	27	23	15	7	1	0	0	1	1	9	13	-	0	2.87	-	-	
BOXWORTH	9 9	12	8.4	1.5	4.9	-1.0	14.1	11	-3.6	24	4.5	5.0	68	188	9	3	22	17	5	0	0	0	0	0	4	14	-	0	-	-	-	
CAMBRIDGE	9 9	24	8.5	1.7	5.1	-	13.9	11	-1.7	19	-	-	94	241	18	27	21	17	6	0	0	1	2	3	4	-	-	0	3.04	80	-	
BOTANIC GARDEN	9 9	2	8.6	1.6	5.2	-	14.8	11	-2.5	24	-	-	93	222	26	27	20	17	-	0	-	-	-	-	6	-	-	-	-	-	-	
NATIONAL INSTITUTE OF	9 9	21	8.3	1.2	4.7	-	13.9	11	-2.4	18	-	-	92	-	23	16	18	14	-	-	-	-	-	0	10	23	-	-	-	-	-	
AGRICULTURAL BOTANY	9 9	2	8.4	(1.3)	(4.9)	-	14.2	11	-2.2	24	(4.7)	6.3	75	-	17	27	22	17	5	0	0	0	0	0	1							



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

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DISTRICT REGION/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 CH DEGREES C	100 CH 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	3-0 MM OR MORE	SNOW OR BLEET	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)																												
4 MIDLAND COUNTIES																																
WEST YORKSHIRE																																
BRAFDORD ... ..	9 9	134	6.4	1.3	3.9	-1.0	12.2	25	-2.4	24	3.0	3.4	135	236	24	8	23	18	11	11	0	0	2	2	8	20	-	0	2.48	85	S	
BRAMHAM ... ..	9 9	54	7.1	0.0	3.5	-	12.8	25	-4.4	24	-	-	69	161	10	6	21	12	10	6	0	1	0	0	18	20	-	1	-	-	-	
HUDDERSFELD (DAKES)	21-9	232	5.8	0.5	3.1	-1.6	12.8	25	-2.4	24	2.2	2.6	151	216	28	8	26	22	16	13	2	2	4	3	13	20	11	4	-	-	-	
ILKLEY ... ..	9 9	83	6.7	1.2	3.9	-	11.9	25	-4.5	24	-	-	139	240	29	28	22	17	10	8	2	1	0	1	9	11	-	0	1.89	61	-	
PONTEFRAC ... ..	9 9	78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TOOMORDE ... ..	9 9	160	6.1	1.0	3.5	-	11.0	25	-3.9	24	-	-	197	-	46	8	24	20	15	6	1	0	1	0	11	-	-	-	-	-	-	
WILSDEN ... ..	9 9	262	5.2	0.1	2.7	-	10.3	25	-2.6	18	-	-	160	-	35	16	24	16	15	11	0	2	0	4	15	20	1	0	-	-	-	
SOUTH YORKSHIRE																																
FINNINGLEY ... ..	21-9	10	7.6	1.6	4.6	-	14.6	11	-4.0	24	-	-	70	189	19	28	18	11	12	5	0	4	0	1	7	22	16	1	2.54	-	-	
SHEFFIELD ... ..																																
DORE ... ..	9 9	206	6.3	0.9	3.6	-	11.3	3	-1.9	24	-	-	182	-	43	16	25	22	18	12	0	6	0	3	12	20	-	3	-	-	-	
WESTON PARK ... ..	9 9	131	6.9	1.7	4.3	-1.2	12.0	31	-1.5	24	3.2	3.8	148	255	27	16	26	19	12	10	2	0	0	-	6	18	-	0	2.87	96	S	
DERBYSHIRE																																
ASHOVER ... ..	9 9	178	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BARBROOK ... ..	9 9	323	5.5	-0.5	2.5	-	11.5	11	-4.5	24	-	-	131	195	26	28	22	21	-	10	-	-	-	-	-	21	28	-	-	2.33	-	-
BUXTON ... ..	9 9	307	5.2	-0.1	2.5	-1.3	9.8	25	-6.0	24	2.1	2.2	214	255	22	28	24	23	16	14	0	0	0	3	15	25	-	4	-	-	S	
DERBY ... ..	9 9	48	7.8	1.9	4.9	-	12.7	3	-3.5	24	-	-	64	142	9	28	21	17	5	3	0	0	0	1	4	17	-	0	2.04	-	-	
WINGERWORTH ... ..	9 9	116	6.6	1.1	3.9	-	11.5	11	-4.2	24	3.3	-	117	-	28	16	24	17	13	11	0	2	1	1	8	26	-	1	2.60	-	-	
NOTTINGHAMSHIRE																																
MANSFIELD ... ..	9 9	114	6.9	1.5	4.2	-1.1	12.2	11	-1.0	16	-	-	104	-	23	16	23	17	9	9	1	0	0	1	7	18	-	0	-	-	-	
NENTHORPE ... ..	9 9	58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NOTTINGHAM ... ..	9 9	59	7.9	1.6	4.7	-1.1	13.2	11	-2.5	10	3.5	-	85	206	15	6	23	19	7	2	0	1	1	2	4	18	-	0	2.25	76	-	
SUTTON BONINGTON ... ..	9 9	48	8.3	1.1	4.7	-0.8	13.4	11.25	-2.1	23	4.1	4.4	63	147	9	28	20	17	6	6	0	1	1	0	9	18	18	0	2.88	89	-	
WARSOP ... ..	9 9	46	7.4	1.3	4.3	-	13.7	11	-4.6	24	-	-	99	231	23	28	22	13	9	6	0	0	0	2	9	22	-	0	2.67	-	-	
WATNALL ... ..	21-9	117	7.1	1.4	4.3	-1.0	12.7	11	-2.5	23	-	-	92	184	21	16	22	20	17	5	2	2	0	1	10	21	16	0	2.24	71	-	
STAFFORDSHIRE																																
KEELE ... ..	9 9	179	6.5	0.6	3.5	-	10.7	3	-2.6	23	2.9	3.6	80	160	19	28	23	16	13	10	0	2	0	1	12	23	18	0	2.18	-	-	
OKEN ... ..	9 9	125	7.2	1.2	4.2	-0.9	12.5	3	-2.4	23	3.8	-	80	171	19	28	23	15	9	6	0	3	0	1	8	17	-	0	-	-	S	
PENKIRIDGE ... ..	9 9	101	7.4	1.3	4.3	-	12.7	3	-2.5	23	-	-	70	152	15	16	20	15	3	4	1	0	0	1	9	18	-	1	2.42	-	-	
STONE ... ..	9 9	107	7.1	0.8	3.9	-	12.1	3	-4.1	23	-	-	85	180	24	28	22	14	11	5	3	0	0	1	13	23	-	2	2.26	-	-	
LEICESTERSHIRE																																
CALDECOTT ... ..	9 9	53	8.1	1.1	4.6	-	13.8	11	-3.0	24	-	-	79	191	13	16	20	16	6	3	0	0	1	3	8	15	-	0	2.72	-	-	
NEWTOWN LINCOLN ... ..	9 9	119	7.4	0.8	4.1	-	12.3	11	-3.6	23.24	-	-	99	211	18	28	21	18	7	5	2	0	0	4	10	15	-	0	2.43	-	-	
SALOP																																
HAMPTON LOADE ... ..	9 9	70	7.8	1.4	4.6	-	13.5	11	-3.5	10	-	-	83	-	18	28	18	15	-	-	-	-	-	-	5	-	-	-	2.39	-	-	
NEWMPTON ... ..	9 9	64	7.5	1.6	4.5	-0.6	12.3	11	-2.6	23	-	-	87	203	26	16	20	13	10	4	0	0	0	2	6	18	-	0	2.40	75	-	
OSNESTRY ... ..	9 9	174	6.6	1.3	3.9	-1.2	12.0	11	-2.5	23	-	-	121	196	36	28	22	17	12	8	0	0	0	4	9	17	-	0	2.36	67	S	
PRESTON MONTFORD ... ..	9 9	67	7.8	1.4	4.6	-	13.4	11	-2.9	24	-	4.0	75	-	16	16	19	12	4	6	0	0	0	-	6	-	-	2	2.08	-	-	
SHAWBURY ... ..	21-9	72	7.2	1.3	4.3	-1.3	13.2	11	-4.8	23	-	-	85	197	27	16	21	14	15	7	1	3	0	1	12	17	16	1	2.28	67	-	
SHREWSBURY ... ..	9 9	55	7.6	1.7	4.7	-1.2	13.1	11	-2.4	24	4.5	5.0	72	175	17	28	20	14	6	5	0	1	0	1	8	16	-	0	2.21	65	-	
WEST MIDLANDS																																
BIRMINGHAM																																
EDGBASTON ... ..	21-9	163	6.7	1.8	4.3	-1.4	11.9	3	-1.8	16	4.4	-	115	209	19	16	24	21	12	6	0	2	0	3	9	15	15	0	2.54	81	-	
ELMDON AIRPORT ... ..	21-9	96	7.5	1.9	4.7	-0.7	12.6	11	-4.2	24	-	-	87	-	15	24	22	18	10	4	0	4	0	1	7	15	13	0	2.88	85	-	
KING EDWARD'S SCHOOL ... ..	9 9	137	7.6	1.3	4.5	-	12.0	3.12	-1.5	16	-	-	129	248	19	16	23	22	-	1	0	1	0	0	9	-	-	0	-	-	-	
COVENTRY AIRPORT ... ..	9 9	81	7.9	1.1	4.5	-	12.5	11	-4.1	23	4.4	-	96	-	17	28	23	19	5	4	0	1	0	2	9	-	-	0	2.79	-	-	
WARWICKSHIRE																																
LUDDINGTON ... ..	9 9	56	7.8	1.4	4.6	-	12.3	11	-3.1	23	-	-	89	-	12	16	22	20	8	2	0	1	0	2	7	20	-	0	2.82	-	-	
MORETON MORRELL ... ..	9 9	85	7.8	1.3	4.5	-	12.9	11	-2.9	23	-	-	99	231	15	16	25	20	6	5	0	0	1	2	6	18	-	3	2.75	-	-	
RUGBY ... ..	9 9	117	7.8	1.0	4.4	-1.1	12.3	11	-2.7	23	4.0	4.1	92	210	16	28	22	17	6	3	0	0	0	-	8	14	13	0	-	-	-	
SHIPSTON-ON-STOUR ... ..	9 9	111	7.8	1.4	4.6	-1.0	12.9	11	-1.6	18																						



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

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DISTRICT REGION/COUNTY AND PLACE	MAX. TERMINAL HIGHT 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	DROSS 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 ...	99	65	8.9	1.8	5.3	-1.0	13.0	11	-1.5	23	-	-	108	264	21	13	24	19	-	1	-	-	-	-	4	-	-	-	-	-	-	-	-
ENFIELD ...	99	17	9.2	2.3	5.7	-	14.7	25	-2.5	24	5.4	6.0	103	-	24	13	24	18	3	0	0	0	0	0	3	14	-	-	-	-	-	-	
GREENWICH ...	99	7	9.2	2.4	5.8	-	15.2	25	-2.5	24	-	-	93	251	19	13	24	17	3	1	0	0	0	0	4	10	-	-	-	-	-	-	
HAMPSTEAD ...	99	137	7.9	1.2	4.5	-1.2	13.1	25	-1.5	1.23	-	-	107	250	25	13	24	119	3	1	0	0	1	0	1	19	-	-	-	-	-	-	
HAMPTON ...	99	12	8.6	2.2	5.4	-1.1	13.7	25	-1.5	23	-	-	91	239	17	13	24	18	5	1	1	0	1	0	4	19	-	-	-	-	-	-	
HARROW WEALD ...	99	98	8.8	-	-	-	13.5	25	-	-	4.8	5.6	108	-	23	13	25	20	-	-	-	-	0	4	-	-	-	-	-	-	-	-	
HEATHROW AIRPORT ...	21-9	25	8.9	2.4	5.7	-0.8	15.3	25	-3.0	23	-	-	95	243	20	13	23	17	11	2	2	1	1	0	4	14	10	0	3.21	-	-	-	
KENSINGTON PALACE ...	99	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NEW	21-9	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PSYCHROMETER ...	99	-	8.6	2.5	5.5	-	14.6	25	-4.2	24	5.0	5.7	90	236	19	13	23	17	8	2	1	2	1	0	5	10	10	0	3.15	87	-	-	
NORTH MALL SCREEN ...	99	-	8.6	3.0	5.8	-0.8	14.9	25	-2.3	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LONDON																																	
WEATHER CENTRE (X)	21-9	77	9.0	3.8	6.4	-	14.7	25	0.6	16	-	-	79	-	14	13	24	16	10	1	1	2	2	0	0	-	-	-	-	-	-	-	
ST JAMES'S PARK ...	99	9	9.2	3.0	6.1	-0.9	14.7	25	-0.8	23	-	-	97	243	18	13	24	19	-	1	-	-	-	-	2	10	-	-	-	-	-	-	
SOUTHGATE ...	99	67	8.8	1.8	5.3	-	14.0	25	-2.0	24	4.7	-	110	256	25	13	25	18	9	1	0	1	0	0	4	13	-	-	-	-	-	-	
WOODEN ...	99	59	9.0	2.2	5.6	-0.7	14.0	25	-2.0	16.23	-	-	121	287	19	13	24	19	-	-	-	-	-	3	-	-	-	-	-	-	-	-	
MILSHIRE																																	
BOSCOMBE DOWN ...	21-9	126	7.9	1.9	4.9	-1.0	12.2	11	-2.9	23	4.9	5.6	117	244	16	24	24	19	14	2	0	7	1	0	10	16	14	1	3.24	82	-	-	
LACOCK ...	99	49	8.0	1.3	4.7	-	11.6	11.24.25	-4.7	23	-	-	109	228	11	13	23	19	-	1	-	-	-	0	6	15	-	-	-	-	-	-	
LARKHILL ...	99	132	8.1	1.2	4.7	-0.9	12.6	11	-3.8	23	-	-	125	246	18	24	24	19	14	1	1	4	1	0	8	16	13	0	-	-	-	-	
LYNEHAM ...	21-9	145	7.1	1.9	4.5	-1.0	10.9	25	-2.2	23	-	-	119	253	12	16	22	18	15	5	1	9	1	1	9	18	17	0	2.64	-	-	-	
PORTON ...	99	111	8.1	1.0	4.5	-1.1	12.1	11	-4.4	23	4.4	-	114	219	19	24	23	21	-	1	-	-	-	0	10	16	15	0	3.08	77	-	-	
TROWBRIDGE ...	99	37	8.2	1.6	4.9	-	12.1	3	-4.6	23	5.0	-	133	-	17	8	22	18	13	2	2	3	1	0	6	17	-	-	-	-	-	-	
UPAVON ...	21-9	179	7.2	1.5	4.3	-	11.5	11	-2.5	23	-	-	127	249	16	24	24	23	15	3	2	0	1	2	11	18	13	0	-	-	-	-	
BERKSHIRE																																	
EASTHAMPTON ...	99	77	8.5	1.4	4.9	-	13.4	11	-5.1	23	4.7	5.2	106	-	15	13	24	20	13	3	0	6	4	0	8	14	13	0	3.34	-	-	-	
HURLEY ...	99	43	8.5	1.5	5.0	-	12.9	25	-3.4	24	4.3	-	109	242	15	13	25	20	6	1	0	1	1	1	7	14	-	-	-	-	-	-	
LAMBOURN (WARREN FARM)	99	192	6.8	0.5	3.7	-	11.2	11.25	-3.0	23	3.8	-	137	-	18	27	26	20	10	9	0	0	0	-	12	-	-	-	-	-	-	-	
READING ...	99	66	8.4	1.6	5.0	-	12.8	11	-3.7	24	4.7	5.1	106	-	17	13	21	17	7	2	0	2	0	0	6	19	12	0	3.01	-	-	-	
SHINFIELD (N.I.R.D.) ...	99	62	8.6	1.5	5.1	-	13.3	11	-3.0	23	-	-	97	-	16	13	22	15	7	1	0	1	0	2	7	19	-	-	-	-	-	-	
SURREY																																	
NICKLEHAM ...	99	55	8.7	1.1	4.9	-0.8	14.0	25	-4.4	1	4.4	4.7	147	306	22	24	26	21	5	2	2	1	0	1	9	-	-	-	-	-	-	-	
WISLEY ...	99	32	9.1	1.9	5.5	-0.8	14.2	25	-2.8	23	5.1	5.5	106	252	20	13	24	19	8	2	4	0	3	3	4	14	-	-	-	-	-	-	
KENT																																	
DOVER R.N.S. ...	99	123	-	1.9	-	-	-	-	-1.2	1	-	-	114	216	19	14	23	20	3	0	0	0	0	0	3	11	-	-	-	-	-	-	-
DUNDESS ...	99	6	7.8	3.4	5.6	-	11.5	25	-1.6	23	-	-	91	222	11	13	24	20	2	1	1	0	0	1	2	-	-	-	-	-	-	-	
EAST HALLING ...	99	52	8.8	2.0	5.4	-0.5	15.0	25	-3.5	24	4.7	5.0	91	222	13	24	24	19	7	2	0	3	0	1	4	13	11	4	3.64	96	-	-	
EDENBRIDGE ...	99	45	-	0.2	-	-	-	-	-6.0	24	-	-	105	-	17	24	23	19	-	-	-	-	-	-	14	-	-	-	-	-	-	-	
ELNSTONE ...	99	5	9.4	2.1	5.7	-	14.8	25	-5.2	24	-	-	93	243	15	13	19	18	7	0	1	0	1	1	7	-	-	-	-	-	-	-	
FAVERSHAM ...	99	48	8.6	2.3	5.5	-	14.9	25	-0.4	24	4.4	4.8	106	259	16	13	22	18	5	1	0	1	1	0	2	11	-	-	-	-	-	-	
FOLKESTONE ...	99	31	8.0	1.9	4.9	-	11.6	25	-4.3	1	-	5.3	93	211	15	14	23	19	7	0	1	0	0	0	6	15	-	-	-	-	-	-	
GILLINGHAM ...	99	3	9.1	2.5	5.8	-	14.9	25	-0.5	5	-	-	97	248	17	13	22	18	-	-	-	-	-	-	1	2	-	-	-	-	-	-	
GOUDHURST ...	99	85	7.7	1.5	4.6	-1.1	13.9	25	-3.4	24	-	-	113	198	20	24	22	20	8	3	2	0	1	0	9	14	-	-	-	-	-	-	
HADLOW COLLEGE ...	99	27	8.9	1.3	5.1	-	14.6	25	-4.3	1.24	4.8	5.5	102	-	15	13	26	20	7	0	0	2	1	0	8	24	-	-	-	-	-	-	



[illegible]



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

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MARCH 1979

DISTRICT REGION/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 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		
8A WALES S CONTINUED																														
MID GLAMORGAN																														
ABERDARE FILTER STATION	9 9	174	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CILFYNYDD	21-9	194	-	-	-	-	-	-	-	-	-	183	-	39	8	26	22	13	3	1	1	0	2	-	0	-	-	-		
LLWYNON	9 9	241	6.1	0.1	3.1	-	9.9	25	-4.6	23	-	224	200	30	8	25	22	9	6	0	0	0	10	15	1	2.03	-	-		
PORTRICAML	9 9	6	7.9	2.9	5.4	-	11.6	25	-2.2	23	-	97	152	13	24	20	16	-	-	-	-	-	-	-	-	3.25	-	-		
SOUTH GLAMORGAN																														
BRIDGENO	9 9	40	8.1	2.2	5.1	-	12.2	25	-3.2	23	5.4	6.0	117	-	14	24	21	17	9	0	0	0	2	6	14	0	-	-		
CARDIFF (BUTE PARK)	9 9	9	8.4	2.4	5.4	-	12.7	25	-3.0	23	5.8	6.0	113	-	18	8	24	19	1	0	0	0	0	3	12	-	2.68	-		
RHOOSE AIRPORT	21-9	67	7.7	2.6	5.1	-	11.6	25	-2.0	23	-	107	-	12	11	23	16	12	2	5	1	0	0	4	11	10	0	2.91	-	
Gwent																														
CRUMBLAND	9 9	245	6.5	0.6	3.5	-	10.3	11	-2.1	16	3.4	3.8	135	193	26	24	25	18	9	6	0	0	0	8	13	21	-	2.47	-	
USK	9 9	21	8.3	1.5	4.9	-1.1	13.4	11	-4.5	23	5.1	-	127	178	27	24	25	20	15	3	0	3	1	-	9	16	0	2.46	70	
8B ENGLAND SW																														
AVON																														
BATH	9 9	118	( 8.9 )	( 2.0 )	( 5.5 )	-	12.0	12	-	-	-	-	148	297	15	24	(26)(124)	-	2	-	-	-	-	-	-	-	-	-	-	
FILTON	21-9	59	7.9	2.8	5.3	-1.0	11.3	25	-3.5	23	-	-	119	254	15	3	25	21	13	2	4	1	0	0	4	13	9	0	2.71	76
LONG ASHTON	9 9	51	8.3	2.1	5.2	-1.1	12.2	3	-3.3	23	5.0	-	118	219	14	8	26	18	9	2	4	1	0	0	6	14	9	2	2.96	77
SOMERSET																														
BRYMORE	9 9	23	9.3	2.5	5.9	-	15.0	11	-3.4	23	5.5	-	88	-	10	25	23	18	8	2	0	0	0	5	14	-	0	2.82	-	
CREWKERNE	9 9	101	8.1	2.1	5.1	-	12.2	11	-2.6	16	4.9	-	146	-	30	24	25	22	5	1	0	2	0	-	4	-	4	-	-	
DOWNSIDE ABBEY	9 9	183	7.2	1.4	4.3	-	10.8	3.11	-3.0	23	-	190	264	21	24	23	(21)	9	-	0	1	0	0	8	-	-	0	-	-	
EXTON	21-9	329	6.2	1.2	3.7	-	10.3	11	-2.6	16	-	213	-	28	8	27	24	20	11	3	5	0	4	14	21	11	0	-	-	
HAWKRIIDGE	9 9	314	( 6.2 )	-	-	-	10.0	25	-	-	-	251	253	33	8	27	25	12	5	3	0	0	-	-	-	-	0	(2.18)	-	
NETTLECOMBE	9 9	96	8.4	1.6	5.0	-	13.2	11	-3.9	23	5.4	-	133	-	21	8	22	18	10	3	0	2	0	0	6	14	-	0	-	-
NETTLECOMBE (BIRDS HILL)	9 9	280	6.3	1.0	3.7	-	11.2	11	-2.3	16	-	151	-	21	8	22	19	11	8	0	0	0	0	11	-	-	1	-	-	
ROONEY STONE	9 9	40	8.1	2.0	5.1	-	12.2	3	-3.1	23	5.3	5.6	106	185	11	13	25	22	10	1	1	0	1	5	16	-	1	-	-	
WINCANTON	9 9	113	8.2	( 0.6 )	( 4.6 )	-	11.6	11	-5.0	23	-	135	214	17	6	23	22	7	2	0	0	0	2	(13)	14	-	0	2.87	-	
YEOWITON	21-9	18	8.9	2.5	5.7	-	13.4	11	-4.8	23	-	104	217	16	24	22	19	5	0	2	0	1	0	-	8	15	12	1	-	-
DORSET																														
BOURNEMOUTH																														
HURN AIRPORT	21-9	10	8.6	2.4	5.5	-	11.5	11	-4.9	23	-	94	168	17	24	24	21	6	0	2	6	2	0	7	10	9	0	3.37	-	
DORSET TECH COLLEGE	9 9	50	8.8	2.1	5.5	-	11.0	12.31	-2.5	23	5.2	5.4	102	-	18	24	25	20	2	0	0	0	0	5	12	-	2	3.35	-	
CHRISTCHURCH	9 9	4	8.6	3.0	5.8	-	11.5	11	-2.4	23	-	96	178	17	24	23	19	3	0	1	0	2	0	4	10	-	0	-	-	
POOLE	9 9	5	9.2	2.3	5.7	-0.9	12.4	25	-4.0	23	5.4	6.1	120	222	19	24	21	18	3	0	3	0	1	-	6	17	-	0	3.24	75
PORTLAND BILL (COASTGUARD)	21-9	53	( 7.5 )	( 4.0 )	( 5.7 )	(-0.9)	12.2	12	-0.1	16	-	105	-	17	24	20	18	5	0	1	0	2	0	1	-	-	5	3.52	-	
SWANAGE	9 9	11	8.4	3.1	5.7	-0.8	11.1	31	-1.6	17	-	6.8	181	17	24	24	19	4	0	2	0	2	0	3	10	-	3	3.43	79	
MEYMOUTH	9 9	23	8.8	2.7	5.7	-	12.6	25	-2.5	23	-	101	-	18	24	22	19	1	0	2	0	1	0	6	-	-	0	3.20	72	
WIMFRITH	9 9	26	8.7	2.6	5.7	-	11.0	25	-4.0	23	-	113	182	23	24	23	21	5	1	2	0	1	2	5	16	-	2	-	-	
DEVON																														
CHARLEIGH	9 9	168	7.8	1.6	4.7	-	11.3	25	-3.3	23	5.1	-	160	-	18	8	26	21	12	1	6	0	0	-	6	12	-	0	2.56	-
EXETER AIRPORT	21-9	32	9.1	3.2	6.1	-0.6	13.3	11	-3.6	23	-	86	156	18	24	24	18	7	0	3	4	0	0	4	14	10	2	2.66	67	
EXMOUTH	9 9	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HARTLAND POINT	21-9	93	7.2	4.0	5.6	-1.1	10.9	24	0.0	18	-	92	161	15	24	21	18	4	0	0	0	1	1	0	3	2	5	3.12	72	
HEMYOCK	9 9	165	7.5	1.8	4.7	-	11.0	11	-3.0	23	-	157	-	22	24	26	22	-	-	-	-	-	8	27	-	-	0	2.37	-	
ILFRACOMBE	9 9	8	8.5	3.9	6.2	-	12.2	25	-0.8	23	6.6	7.2	138	206	18	21	23	18	7	3	2	2	0	1	1	-	3	2.79	-	
MELBURY	9 9	143	7.3	1.8	4.5	-	11.2	25	-4.5	23	-	191	-	29	8	25	22	-	2	-	-	-	-	7	-	-	-	2.85	-	
OKEHAMPTON	9 9	372	6.0	0.5	3.3	-	9.2	11	-4.0	23	-	222	-	31	24	26	25	16	9	6	3	0	5	13	18	-	9	-	-	
PLYMOUTH																														
MOUNT BATTEN	21-9	27	8.8	3.9	6.3	-0.8	11.2	31	-2.0	23	-	104	140	27	24	24	19	2	0	1	7	0	0	2	9	9	2	3.48	81	
THE MOE	9 9	36	8.8	3.4	6.1	-1.3	11.5	2.31	-2.0	23	6.3	-	98	131	25	24	22	19	2	0	2	0	-	0	3	24	-	0	3.25	77
PRINGLE POINT	21-9	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	3.63	-	
PRINCETOWN	9 9	414	5.4	0.3	2.9	-	9.0	10.11	-3.3	17	-	320	-	45	24	27	25	20	10	0	7	2	1	17	20	-	0	-	-	
RUMLEIGH	9 9	38	9.0	2.1	5.5	-	11.9	11	-4.3	23	6.0	6.4	136	-	37	24	25	21	6	0	0	5	0	6	12	-	0	-	-	
SIDMOUTH	9 9	10	9.0	3.1	6.1	-0.6	14.7	11	-1.6	23	-	78	139	19	24	23	17	1	0	0	4	0	0	2	-	-	1	-	-	
SLAPTON	9 9	32	9.1	2.9	6.0	-	12.1	30	-2.4	17,18	-	133	162	24	24	23	20	5	0	0	4	1	1	3	14	-	0	-	-	
STARCROSS	9 9	9	9.3	2.9	6.1	-0.6	14.2	11	-3.0	23	6.1	-	96	157	21	24	22	16	5	0	0	0	0	4	14	-	4	3.29	79	
TEIGNMOUTH	9 9	3	9.3	3.3	6.3	-0.9	12.8	11	-1.8	23	-	103	161	26	24	21	18	0	0	0	0	0	0	3	-	-	0	3.71	89	
TORBAY (TORQUAY)	9 9	8	9.6	3.3	6.5	-0.6	13.5	10	-1.1	17	-	6.7	110	158	28	24	23	17	5	0	1	0	1	3	10	-	3	3.61	83	
TWIST	9 9	186	7.8	1.1	4.5	-	11.3	11	-2.7	23	-	137	-	25	24	23	20	10	4	0	0	0	2	9	-	8	2.52	-	-	
CORNWALL																														
CAMBORNE	21-9	87	8.7	4.1	6.4	-	11.3	11	-1.2	18	6.5	6.8	144	-	35	24	27	20	4	1	9	5	1	0	2	11	4	2	3.39	-
BASTREET	9 9	236	7.3	1.3	4.3	-	10.2	11	-5.6	23	-	261	237	35	24	30	24	11	1	0	6	0	2	8	16	-	1	2.35	-	
BUDE	9 9	15	8.7	3.5	6.1	-1.0	12.8	25	-2.7	23	6.3	-	113	202	11	8,12	26	19	3	0	1	1	0	0	3	-	6	2.94	68	
CULDROSE	9 9	81	8.7	3.5	6.1	-	11.4	25	-2.3	18	-	135	185	25	24	27	23	0	0	0	0	0	0	4	-	-	0	3.58	-	
DELABOLE	9 9	201	-	-	-	-	-	-	-	-	-	-	146	-	20	8	27	21	-	-	-	-	-	-	-	-	-	-	-	-
FALMOUTH	9 9	51	9.3	3.5	6.4	-1.2	12.4	11	-2.2	18	-	144	167	26	24	25	20	2	0	2	4	1	0	3	9	-	0	3.66	93	
FOVEY	9 9	75	8.9	3.1	6.0	-1.5	11.9	10	-2.4	23	-	107	-	23	24	25														



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

MARCH 1979

DISTRICT REGION/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	HOUR 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																					
NORTHERN IRELAND																															
LONDONDERRY																															
AGHAKLOO ...	99	18	7.6	1.3	4.5	-	13.0	2	-2.2	22	-	-	66	9	6	21	16	10	1	0	1	1	1	5	12	-	-	-	-	-	-
BANAGHER (CAUGH HILL) ...	99	216	6.0	-0.2	2.9	-	10.0	5	-4.2	23	-	-	135	39	24	26	20	14	6	0	0	0	0	14	27	-	-	5	3.31	-	
BOON HALL ...	99	37	6.9	0.9	3.9	-	11.6	2	-3.3	23	-	-	110	10	11	23	21	12	6	0	0	0	0	9	17	-	-	18	3.57	-	
CARMONEY ...	99	73	6.8	0.9	3.9	-	11.4	2	-4.0	23	-	-	89	12	26	23	20	5	6	0	1	0	0	9	24	-	-	-	-	-	
COLERAINE UNIVERSITY ...	99	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
COOLKEERAGH ...	99	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DERRYNOVO FOREST ...	99	88	7.2	0.4	3.8	-	10.6	2	-3.6	23	-	-	132	163	27	24	27	21	13	5	0	1	0	13	24	-	-	-	-	-	
GARYVAH FOREST ...	99	88	6.9	0.4	3.7	-	12.7	2	-3.5	22,23	-	-	113	155	31	24	25	18	-	7	-	-	-	13	22	-	-	-	-	-	
LOUGHMORE FOREST ...	99	174	6.3	-0.3	3.0	-	10.8	2	-6.7	22,23	-	-	119	158	14	8	28	24	27	10	8	2	0	0	15	24	-	-	7	-	
HONEYDIG ...	99	34	7.4	0.7	4.1	-1.6	12.2	2	-4.4	23	4.2	-	93	153	22	24	26	22	14	5	2	0	0	-	12	22	20	0	-	-	
TRAID POINT ...	99	16	7.6	1.5	4.5	-	11.1	2	-5.0	23	-	-	73	-	18	24	24	15	1	-	0	0	0	-	5	-	-	-	-	-	
ANTRIM																															
ALDERGROVE AIRPORT ...	21-9	68	6.6	0.5	3.5	-2.2	11.3	2	-5.2	23	4.0	5.3	73	127	11	8	22	14	15	4	4	5	0	0	15	21	20	1	3.40	103	
ALTAHINCH ...	99	213	5.3	-0.4	2.5	-	9.5	2	-7.0	23	-	-	119	130	25	24	22	19	14	6	2	1	0	1	15	23	-	-	3	2.75	-
BALLYLUNFORD ...	99	24	7.6	1.8	4.7	-	11.5	2	-1.4	21	-	-	80	-	21	24	17	15	-	-	-	-	-	-	4	15	-	-	-	-	-
BALLYPATRICK FOREST ...	99	152	5.7	0.2	2.9	-	11.4	2	-3.3	23	-	-	117	150	22	24	20	17	6	-	0	0	0	1	11	22	-	-	0	2.88	-
CARLLOUGH ...	99	12	7.0	1.4	4.2	-	11.0	2	-2.2	20	-	-	96	-	13	25	22	18	5	-	2	0	0	1	8	-	-	-	-	-	-
DIVIS MOUNTAIN ...	99	363	4.5	-1.8	1.3	-	8.8	2	-5.2	22	-	-	107	134	21	24	15	15	11	-	0	0	0	-	26	-	-	-	-	-	-
GREENMOUNT ...	99	38	7.1	0.7	3.9	-	11.1	2	-4.1	23	4.8	-	71	129	12	8	22	14	8	2	0	0	0	-	9	18	-	-	-	-	-
HYDE PARK (MALLUSK) ...	99	140	6.3	0.2	3.3	-	11.0	2	-3.6	21	-	-	81	-	16	8	22	19	15	6	0	0	0	1	14	25	-	-	-	-	-
KILROD POWER STATION ...	99	12	7.8	1.6	4.7	-	10.9	31	-3.1	22	-	-	76	-	15	25	20	14	7	1	0	0	0	-	4	15	-	-	-	-	-
LISHAFILLAN ...	99	38	7.3	0.0	3.7	-	11.0	2	-7.0	23	-	-	90	156	21	24	25	17	9	3	0	0	0	0	15	20	-	-	-	-	-
LONTOWN ...	99	271	5.6	-0.9	2.3	-	9.2	5,10,11	-5.5	23	2.5	-	124	136	17	24	24	18	8	11	4	0	0	4	20	30	-	-	6	2.93	-
PARKMORE FOREST ...	99	235	5.2	-1.4	1.9	-	9.3	2	-5.9	23	2.8	-	145	145	19	8	23	20	12	7	0	0	0	0	25	29	-	-	7	-	-
WOODBURN NORTH ...	99	217	5.8	0.0	2.9	-	10.0	2	-4.0	21	-	-	106	136	17	8	25	17	4	2	0	0	0	3	12	27	-	-	-	-	-
BELFAST																															
ANDERSONSTOWN ...	99	64	7.4	0.9	4.1	-	11.4	2	-5.0	21	-	-	80	-	13	8	20	17	8	-	2	0	0	1	7	20	-	-	-	-	-
MALONE ...	99	35	7.7	1.0	4.3	-	11.9	2	-4.8	21	4.3	-	71	-	10	24	19	16	-	-	-	-	-	-	8	26	-	-	-	-	-
MILLTOWN ...	99	37	8.1	0.9	4.5	-	11.7	2	-3.4	21	-	-	67	-	12	24	22	12	14	4	4	3	0	-	10	20	-	-	-	-	-
MENTONABBEY ...	99	32	7.5	2.0	4.7	-	12.0	2	-2.6	23	4.8	-	84	127	13	8	19	15	10	1	1	0	0	1	5	19	12	2	3.13	-	
ROSEBANK ...	99	47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ROSETTA ...	99	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SHAW'S BRIDGE ...	99	15	7.9	0.9	4.4	-	12.1	2	-3.9	23	-	-	63	-	11	24	19	11	13	2	0	5	0	-	11	-	-	-	-	-	-
STORMONT CASTLE ...	99	56	7.2	0.3	3.7	-	11.4	2	-3.8	21	4.2	5.1	70	114	14	24	17	14	6	3	0	0	0	0	10	23	-	-	-	-	-
DOWN																															
BANGOR SEACOURT ...	99	15	7.5	2.2	4.9	-	12.2	2	-1.2	21	4.6	5.8	64	-	18	24	16	13	10	1	5	0	0	0	3	11	9	5	3.29	-	
BALLYWATER PARK ...	-	11	-	-	-	-	-	-	-	-	-	-	60	109	18	24	16	9	-	-	-	-	-	-	-	-	-	-	-	-	-
BALLYWATICOCK ...	99	6	7.3	1.7	4.5	-	11.5	2	-3.2	23	3.9	5.1	64	125	18	25	16	10	9	2	0	0	0	0	6	19	15	1	3.44	-	
BRYANSFORD ...	99	85	7.4	1.3	4.3	-	11.1	12	-3.3	21	5.1	6.0	132	-	57	24	18	13	13	3	0	0	0	1	9	22	17	1	3.35	-	
DONPATRICK ...	99	26	8.1	1.3	4.7	-	12.7	1	-3.9	21	-	-	61	-	18	24	14	11	-	-	-	-	-	-	0	6	16	-	-	-	-
HELENS BAY ...	99	43	7.6	2.0	4.8	-	11.8	2	-1.6	22	-	-	63	112	18	24	18	11	12	2	1	5	0	0	4	15	-	-	-	-	-
HILLSBOROUGH ...	99	116	6.7	0.6	3.7	-1.6	11.1	2	-4.2	21	4.1	-	59	104	10	24	19	13	8	6	0	0	0	0	13	25	-	-	-	-	-
LONG KESH ...	21-9	37	7.2	1.1	4.1	-	11.9	2	-6.1	23	4.1	5.1	57	-	14	25	20	11	12	2	9	1	0	0	12	18	20	0	3.36	-	
LOUGH CONEY ...	99	10	7.5	1.6	4.5	-	12.0	2	-3.0	21	-	-	60	-	16	24	14	11	2	1	0	0	0	0	3	13	-	-	-	-	-
MAGHERALLY ...	99	97	7.0	-0.6	3.2	-	11.3	2	-6.8	23	-	-	68	-	17	25	17	10	13	5	2	5	0	-	16	22	-	-	-	-	-
MURLOUGH ...	99	9	8.0	0.9	4.5	-	12.3	5	-3.9	21	4.3	4.9	83	-	23	24	19	12	5	2	1	0	0	1	14	22	-	-	-	-	-
MEWRY ...	99	1	7.8	1.1	4.5	-	11.5	2,10	-5.0	23	-	-	92	-	23	24	19	14	6	4	0	0	0	0	8	21	-	-	-	-	-
SILENT VALLEY ...	99	129	6.3	0.8	3.5	-	11.5	2	-2.8	20	-	-	136	-	27	24	19	15	10	4	1	0	0	1	10	21	-	-	-	-	-
ARMAGH																															
ARMAGH ...	99	62	7.6	0.6	4.1	-2.2	11.3	31	-5.0	21	4.4	5.3	72	136	11	24	22	14	13	6	5	0	0	0	14	25	-	-	5	3.34	99
LOUGHALL ...	99	25	7.6	0.9	4.3	-	11.5	2	-6.7	21	-	-	67	133	12	24	20	14	5	2	1	2	0	0	9	25	-	-	3	3.71	-
LURGAN ...	99	55	7.7	0.9	4.3	-	11.8	31	-5.3	23	4.4	5.2	67	128	13	24	22	16	6	-	0	0	0	-	8	22	-	-	-	-	-
TANDRAGEE ...	99	43	8.1	0.2	4.1	-	12.0	2	-5.5	23	-	-	69	-	16	24	17	13	6	-	0	0	0	-	15	-	-	-	-	-	-
TYRONE																															
ALTAVEEDAN ...	99	175	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CARRIGANS ...	21-9	113	7.2	0.6	3.9	-	10.7	2	-4.5	23	-	-	115	162	22	8	24	18	18	5	8										



TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

MARCH 1979

DISTRICT, REGION/COUNTY AND PLACE	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)	WIND PRESSURE (Hb)	RELATIVE HUMIDITY (%)	OKTAS						VISIBILITY						BEAUFORT FORCE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
									0	1-2	3-5	6-7	8	SKY OBSERVED	0-39 M	40-190 M	200-390 M	400-990 M	1000-1900 M	2000-3900 M	4-9 KM	10-19 KM	20-39 KM	40 KM AND OVER	SPEED (KT)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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FAIR ISLE	61	9	996.3	-	3.1	0.9	6.5	85	6.8	0	2	1	20	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0</







TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

MARCH 1979

DISTRICT, REGION/COUNTY AND PLACE	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 - 39 M	40 - 190 M	200 - 390 M	400 - 990 M	1000 - 1900 M	2000 - 3900 M	4 - 9 KM	10 - 19 KM	20 - 39 KM	40 KM AND OVER	BEAUFORT FORCE						N	NE	E	SE	S	SW	W	NW						
									MEAN	0	1 - 2	3 - 5	6 - 7	8											SKY OBSERVED	34 OR MORE	22-33	11-21	1-10	0														
																																							SPEED (KT)					
NUMBER OF OBSERVATIONS																																												
3 EAST ANGLIA -CONTO. BEDFORDSHIRE																																												
CARDINGTON	30	3	1003.9	-	3.4	0.5	7.3	92	5.7	5	2	3	4	17	0	0	0	0	0	1	1	10	12	7	0	0	1	15	15	0	3	2	2	0	6	13	3	2						
		9	1004.4	-11.9	4.4	0.8	7.5	87	6.6	1	0	6	9	15	0	0	0	0	0	2	2	12	10	5	0	0	2	16	12	0	3	2	2	0	6	13	3	2						
		15	1004.1	-	7.0	1.9	7.5	74	7.1	0	0	0	3	15	13	0	0	0	0	1	1	6	11	10	2	0	5	20	6	0	3	2	2	1	5	6	11	0						
		21	1004.6	-	4.2	0.7	7.4	89	6.3	1	4	4	2	20	0	0	0	0	0	1	1	10	11	9	0	0	1	14	14	2	3	4	2	2	5	7	5	0						
ESSEX																																												
SHOEBURYNESS	5	9	1005.0	-11.5	5.3	1.1	7.5	83	6.1	1	5	2	9	14	0	0	0	0	0	3	6	7	14	1	0	0	1	16	14	0	2	2	2	2	3	10	8	2						
		15	1004.7	-	7.6	2.2	7.4	71	6.1	0	3	6	11	11	0	0	0	0	0	2	3	9	8	9	0	0	2	20	9	0	2	2	2	1	4	11	6	1						
		21	1005.2	-	5.3	1.0	7.6	85	5.4	4	5	2	8	12	0	0	0	0	0	1	8	3	17	2	0	0	1	16	14	0	2	2	2	1	6	9	8	1						
STANSTED	102	3	1003.8	-	2.9	0.6	6.9	90	5.3	5	6	0	4	14	2	0	0	0	1	2	1	10	5	9	3	0	0	14	17	0	1	3	2	2	2	10	8	3						
		9	1004.4	-12.0	4.0	0.9	7.1	86	6.4	1	2	5	10	13	0	0	0	0	1	2	7	6	12	2	0	0	0	17	14	0	3	3	1	1	3	9	2							
		15	1004.0	-	6.6	2.0	7.1	72	6.3	0	4	2	14	11	0	0	0	0	0	0	4	7	17	3	0	0	1	23	7	0	1	1	1	1	4	1	5							
		21	1004.5	-	4.2	1.0	7.1	84	5.8	3	4	3	5	16	0	0	0	0	1	0	1	8	4	15	2	0	0	13	18	0	1	3	2	3	4	7	3							
4 MIDLAND COUNTIES WEST YORKSHIRE																																												
HUDDERSFIELD	235	3	1002.2	-	1.5	0.6	6.1	88	6.5	1	1	6	5	18	0	0	0	0	5	0	1	6	14	5	0	1	1	15	14	0	7	2	0	2	5	5	9	1						
ORKES		9	1003.1	-	2.9	0.7	6.7	88	6.2	1	3	5	5	17	0	0	0	0	3	3	0	8	8	9	0	0	2	14	14	1	4	4	0	0	4	4	11	3						
		15	1003.1	-	4.4	1.2	6.8	81	7.1	0	0	0	3	12	16	0	0	0	1	5	4	7	13	0	0	1	0	19	11	0	5	2	0	2	5	4	7							
		21	1003.6	-	2.7	0.8	6.4	87	6.1	3	0	5	8	15	0	0	0	0	1	1	6	5	17	0	0	0	2	16	12	1	5	4	0	2	5	4	9							
MILSDEN	267	3	1002.0	-	1.8	0.5	6.4	91	5.9	0	7	3	3	17	1	0	1	0	0	1	2	12	15	0	0	0	3	15	13	0	4	4	1	2	3	4	13	0						
		9	1002.6	-	2.1	0.6	6.4	89	6.6	0	2	5	6	16	2	0	0	1	3	1	0	15	10	1	0	0	4	17	10	0	5	3	1	1	3	6	11							
		15	1002.6	-	3.6	1.2	6.3	80	6.7	0	2	2	14	13	0	0	0	0	2	2	3	7	15	2	0	0	4	20	7	0	0	6	1	2	4	3	13							
		21	1003.3	-	1.9	0.6	6.2	88	5.5	1	6	6	1	17	0	0	0	0	2	0	1	13	15	0	0	0	0	20	11	0	4	5	0	1	6	7	8							
SOUTH YORKSHIRE																																												
FINNINGLEY	15	3	1002.4	-	3.1	0.6	6.9	90	5.7	2	7	1	4	17	0	0	0	0	0	3	9	5	12	2	0	1	17	12	1	5	2	0	3	6	6	6	2							
		9	1003.1	-12.6	4.5	1.0	7.2	84	6.3	1	3	2	14	11	0	0	0	0	1	0	4	14	6	2	0	1	18	12	0	5	2	1	2	7	4	8	2							
		15	1002.9	-	6.4	1.8	7.2	74	6.3	0	3	3	14	11	0	0	0	0	1	2	1	9	14	4	0	3	22	6	0	4	4	1	2	4	6	9	1							
		21	1003.5	-	3.9	0.9	6.9	85	5.8	1	5	5	5	15	0	0	0	1	0	1	2	5	14	8	0	0	1	16	13	1	5	2	1	2	8	4	6							
NOTTINGHAMSHIRE																																												
WATNALL	119	3	1003.0	-	2.8	0.5	6.9	91	5.2	6	5	0	5	15	0	0	0	0	0	1	5	4	9	12	0	0	0	14	16	1	5	1	2	0	4	15	0							
		9	1003.5	-12.3	3.8	0.8	7.1	87	6.4	1	4	2	8	16	0	0	0	1	0	3	3	10	6	8	0	0	0	17	14	0	7	0	2	1	3	14	0							
		15	1003.4	-	5.9	1.6	7.2	77	6.7	0	0	6	11	13	1	0	0	0	2	1	2	5	14	2	0	0	2	17	12	0	7	0	1	2	3	5	12							
		21	1004.0	-	3.5	0.7	7.0	88	5.6	3	6	1	5	16	0	0	0	0	1	2	5	3	11	9	0	0	0	14	17	0	6	3	1	1	5	10	4							
SALOP																																												
SHAWBURY	76	3	1003.5	-	3.1	0.7	6.9	88	5.8	3	2	5	10	11	0	0	0	0	3	1	2	10	14	1	0	0	2	13	16	0	5	0	4	0	5	9	6							
		9	1004.1	-11.7	4.2	0.9	7.2	85	6.5	0	3	3	10	14	1	0	0	1	3	1	4	6	14	2	0	2	16	13	0	6	0	2	2	5	9	5								
		15	1003.8	-	6.2	1.7	7.2	76	6.6	0	0	6	15	9	1	0	0	1	2	1	3	8	12	4	0	3	17	11	0	6	3	2	2	3	10	3								
		21	1004.4	-	3.6	0.8	6.9	87	6.0	1	3	6	9	11	1	0	0	0	1	0	4	5	3	17	1	0	1	14	16	0	6	2	2	3	7	8	1							
WEST MIDLANDS																																												
EDOBASTON	165	9	1004.1	-12.0	3.9	1.1	6.7	81	6.5	1	3	3	8	15	1	0	0	1	2	1	2	6	13	6	0	0	1	15	15	0	3	3	2	0	4	6	12							
		15	1003.7	-	6.0	1.8	6.9	73	7.2	0	0	2	14	15	0	0	0	0	1	0	2	9	11	4	0	2	20	9	0	3	5	1	0	3	4	12								
		21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
ELMDON	100	3	1003.7	-	3.3	0.9	6.7	85	5.7	2	5	5	4	15	0	0	0	0	2	1	2	13	10	3	0	1	16	13	1	2	3	2	1	5	14	1								
		9	1004.2	-11.8	4.3	1.2	6.8	81	6.2	1	4	3	7	14	2	0	0	0	1	2	2	4	13	9	0	0	1	23	7	0	3	2	2	2	3	9								
		15	1003.8	-	6.7	2.2	6.8	69	6.5	0	1	5	16	8	1	0	0	0	1	0	8	11	8	3	0	4	19	8	0	2	5	1	1	4	6	9								
		21	1004.5	-	3.9	1.1	6.7	82	5.8	0	8	0	9	14	0	0	0	0	0	3	8	10	8	2	0	3	15	12	1	1	4	2	3	6	7	5								
GLOUCESTER																																												
INNSMORTH	24	3	1004.2	-	4.2	0.9	7.1	84	5.9	3	4	1	10	13	0	0	0	0	0	0	3	8	9	8	3	0	1	13	17	0	6	1	1	0	12	8	1							
		9	1004.9	-	4.8	1.2	7.1	81	6.3	1	3	4	12	11	0	0	0	0	2	0	8	10	6	5	0	1	16	12	2	3	1	1	10	6	4	2								
		15	1004.3	-	7.0	2.1	7.1	71	6.7	0	1	4	17	9	0	0	0	0	1	1	6	9	9	5	0	1	21	9	0	4	3	0	1	5	12	1								
		21	1005.0	-	4.7	1.0	7.2	84	6.0	3	2	2	14	10	0	0	0	0	1	3	6	13	4	4	0	0	13	18	0	5	1	4	1	7	8	2								
OXFORDSHIRE																																												
BENSON	74	3	1004.3	-	3.6	0.7	7.1	88	5.4	5	4	3	3	16	0	0	0	0	0	2	4	15	8	2	0	1	15	11	4	3	1	3	1	7	7	1								
		9	1004.8	-	4.5	1.0	7.2	83	6.3	1	2	5	7	15	1	0	0	0	1	2	7	10	5	6	0	1	17	12	1	3	2	1	2	5	10	5								
		15	1004.3	-	7.0	2.0	7.2	71	6.7	0	2	2	14	12	1	0	0	0	1	1	5	8	10	6	0	2	20	9	0	4	2	1	2	4	5	11								
		21	1004.9	-	4.7	0.9	7.5	86	5.9	3	3	3	6	16	0	0	0	0	3	5	7	12	4	0	0	0	12	19	0	4	1	2	2	6	6	4								
BRIZE NORTON	92	3	1004.2	-	3.4	0.7	7.0	88	6.1	5	1	3	3	19	0	0	0	0	1</																									



TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

MARCH 1979

DISTRICT, REGION/COUNTY AND PLACE	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 C)	RELATIVE HUMIDITY (%)	OKTAS						0 - 39 M	40 - 190 M	200 - 390 M	400 - 990 M	1000 - 1900 M	2000 - 3900 M	4 - 9 KM	10 - 19 KM	20 - 39 KM	40 KM AND OVER	BEAUFORT FORCE						N	NE	E	SE	S	SW	W	NW																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

MARCH 1979

DISTRICT, REGION/COUNTY AND PLACE	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 (%)	OCTAS								0 - 39 M	40 - 190 M	200 - 390 M	400 - 990 M	1000 - 1900 M	2000 - 3900 M	4 - 9 KM	10 - 19 KM	20 - 39 KM	40 KM AND OVER	BEAUFORT FORCE								N	NE	E	SE	S	SW	W	NW																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
										MEAN	0	1 - 2	3 - 5	6 - 7	8	SKY OBSERVED	34 OR MORE											22-33	11-21	1-10	0	SPEED (KT)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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RHOOSE	69	3	1004.7	-	4.0	0.7	7.3	89	6.4	1	3	4	5	17	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



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	
LERMICK (PSYCHROMETER)	0	19	12	0	0	0	0	0	0	0	0	9	22	0	0	0	CAMBRIDGE BOTANIC GARDENS	0	4	17	9	1	0	0	0	0	0	0	0	6	24	1	0	0
LERMICK (SCREEN)	1	19	11	0	0	0	0	0	0	0	0	11	20	0	0	0	EDDABASTON	1	7	19	4	0	0	0	0	0	0	0	8	20	3	0	0	
STORMWAY	0	15	19	1	0	0	0	0	0	0	0	13	17	1	0	0	KEN (PSYCHROMETER)	0	3	15	13	0	0	0	0	0	0	5	22	4	0	0	0	
CRAIBSTONE	0	15	14	2	0	0	0	0	0	0	1	15	14	1	0	0	KEN (NORTH-WALL SCREEN)	0	3	16	12	0	0	0	0	0	0	3	22	6	0	0	0	
ROTHESAY	0	11	19	1	0	0	0	0	0	0	0	8	22	1	0	0	HASTINGS	0	3	26	2	0	0	0	0	0	0	1	26	4	0	0	0	
ABBOTSINCH	0	7	22	2	0	0	0	0	0	0	1	11	16	3	0	0	SOUTHAMPTON	0	3	18	10	0	0	0	0	0	0	3	24	4	0	0	0	
ESKDALEUIR (PSYCHROMETER)	3	15	13	0	0	0	0	0	0	0	20	11	0	0	0	0	RINOWAY	0	7	20	4	0	0	0	0	0	0	4	25	2	0	0	0	
ESKDALEUIR (SCREEN)	3	14	14	0	0	0	0	0	0	0	20	11	0	0	0	0	VALLEY	0	3	26	2	0	0	0	0	0	0	1	21	9	0	0	0	
DOUGLAS	0	7	24	0	0	0	0	0	0	0	6	23	2	0	0	0	RHOOSE	0	5	20	6	0	0	0	0	0	0	4	22	5	0	0	0	
BOULMER	0	10	17	4	0	0	0	0	0	0	9	19	3	0	0	0	FALMOUTH	0	1	17	13	0	0	0	0	0	0	4	19	7	1	0	0	
HULL	0	5	16	10	0	0	0	0	0	0	5	25	1	0	0	0	ALDEROROVE	0	8	22	1	0	0	0	0	0	1	13	14	3	0	0	0	
GORLESTON	0	5	19	7	0	0	0	0	0	0	2	27	2	0	0	0	ARMAGH	0	6	22	3	0	0	0	0	0	1	13	15	2	0	0	0	

MARCH 1979

[illegible]



TABLE 6 SUMMARY OF AUTOGRAPHIC RECORDS OF WIND

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	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				GUST																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
				DATES OF OCCURRENCE					NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS		MEAN HOURLY WIND SPEED (KT)		VEER FROM N	SPEED-KT	DAY	VEER FROM N	SPEED-KT	DAY	TIME																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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(X) URBAN ROOFTOP SITE



# MONTHLY WEATHER REPORT

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

APRIL

VOLUME 96

1979

24 JAN 1980  
NUMBER 4

## Mostly cool and changeable.

On the 1st a cold front associated with a depression near the Faeroes crossed all areas from the north-west. This depression moved southwards and a complex area of low pressure developed over the British Isles, North Sea and much of north-western Europe, dominating the weather for the first week of the month. On the 7th and 8th a centre of low pressure became established near south-west England, but this was absorbed in a deep depression which moved northwards from Biscay over the next few days, its associated frontal systems crossing the British Isles from the south.

By the 13th pressure began to rise over the United Kingdom and an anticyclone developed over Ireland on the 15th. This persisted for several days, but by the 18th it began to recede towards the south-west as fronts approached north-western districts. A succession of fronts and ridges then crossed the British Isles from the west until the 24th, when a complex area of low pressure developed over the North Sea and moved only slowly eastwards. The anticyclone remained in the area between Ireland and the Azores until the end of the month, but frontal systems associated with depressions moving from Iceland to the Norwegian Sea continued to cross all parts of Britain from the north-west.

### Weather

The month started with a rather cold and unsettled spell of weather. Rain or showers affected all areas at times and snow or sleet showers were reported in many districts during the first week. There was a change towards the end of the second week when it became drier and warmer generally. From the 16th until the end of the month the unsettled weather returned with further rain or showers at times in all districts. There were thunderstorms in places, especially in parts of southern England between the 23rd and 25th, and on the 29th and 30th hail and sleet showers were reported in many northern districts.

### Wind

During most of the first week winds were light and rather variable in direction over all parts of the United Kingdom. On the 7th fresh or strong winds from between north-east and south-east became established over all areas and persisted until the 10th when speeds dropped again. Directions then became mainly between south-east and south-west and winds freshened on the 12th, when gales were reported in exposed western areas. From the 13th to 18th directions were again rather variable and except in some exposed coastal areas speeds generally were only light or moderate; sea breezes were reported on one or two days. From the 19th until the end of the month winds blew mainly from between south-west and north-west and were fresh or strong at times. Gales occurred in northern coastal areas on the 29th and 30th.

### Temperature

Monthly mean temperatures were below average in all areas. Values were mostly between 0 and 1 °C below normal over England and much of Scotland, but were between 1 and 1.5 °C below average in Northern Ireland, parts of central and northern Scotland, Wales and a few coastal areas in north-eastern and southern England.

The first week was rather cold in all parts of the United Kingdom, but temperatures rose towards the end of the second week and it became warm in many areas with maxima of 23.5 °C being recorded at Hoddesdon (Hertfordshire) and Ulcombe (Kent) on the 15th. The London Weather Centre had its warmest Easter (13th to 16th inclusive) since 1949. From the 16th until the end of the month, however, temperatures returned to near or below normal over most areas, although southern and eastern Scotland had a warm day on the 28th.

### Rainfall

Rainfall totals were above average in Northern Ireland, in eastern Scotland, in a large area of central England extending from the Scottish border to the south coast, and also in most of East Anglia, south-west England and parts of west Wales. Values exceeded 150 per cent of the normal in north-east Scotland and in a belt extending southwards from West Yorkshire to the Sussex coast. In the latter area a few places recorded more than twice their normal amount for the month. Most remaining areas of the United Kingdom had less than average rainfall with values generally between 70 and 100 per cent of normal.

The month was generally unsettled with showers or longer periods of rain affecting all areas at times. Considerable flooding was reported on the 7th and 8th following heavy rain in places, particularly in parts of Leicestershire, Surrey and Sussex. Thunderstorms, sometimes accompanied by hail, occurred on several days; on the 8th eleven players taking part in a soccer match at Caerleon (Gwent) were taken to hospital after being struck by lightning.

### Snow

During the first ten days snow and sleet showers occurred in many areas but, apart from a report of

sleet in Shetland on the 15th, there was then a period until the last week of the month without further snow. During the last week, and especially on the 29th and 30th, showers of sleet and snow were again reported in many parts of the United Kingdom. Snow did not lie for long on low ground at any time during the month, and over high ground in Scotland and the northern Pennines the snow cover receded rapidly after about the 10th.

### Sunshine

Sunshine totals were below average in all parts of the United Kingdom, except for small areas in south Devon, along the coast of North Wales, in the Isle of Man and around the Solway Firth. In these latter areas values were between 100 and 105 per cent of normal. Most other districts recorded between 60 and 100 per cent of their normal sunshine for the month, parts of north-east Scotland and Orkney being particularly dull. In the Grampian Region, Kinloss with 97.0 hours and Dyce with 109.5 hours had the lowest April sunshine totals since their records began in 1952 and 1946 respectively. In spite of the generally dull weather, however most places had a few sunny days during the month.

### Fog

Patches of overnight fog formed in some inland areas during the first week and became dense in places in England, but mostly cleared soon after sunrise. During the remainder of the month fog continued to be reported from time to time, but occurred mainly along coasts and over hills and was often associated with precipitation.

### Miscellaneous Phenomena

A small whirlwind was reported at Earlswood Lake, near Reigate (Surrey), during the afternoon of the 18th.

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				
0 Scotland N	16.5	−3.5	−1.1	−0.4	−0.7	−0.7	+4	117	74
1 Scotland E	16.4	−6.2	−1.6	0.0	−0.8	−0.7	+6	129	78
2 England E & NE	20.9	−3.0	−1.4	−0.3	−0.8	−0.6	+5	104	79
3 East Anglia	22.8	−2.0	−1.1	−0.1	−0.6	−0.8	+4	138	77
4 Midland Counties	22.2	−4.4	−1.3	−0.1	−0.7	−1.0	+4	134	75
5 England SE & Central S	22.9	−4.2	−0.9	−0.1	−0.5	−0.8	+5	144	76
6 Scotland W	17.0	−6.2	−1.3	−0.6	−0.9	−0.9	+3	94	85
7 England NW & Wales N	20.9	−3.9	−1.5	−0.2	−0.8	−1.1	+4	99	86
8 England SW & Wales S	22.0	−2.7	−1.2	−0.6	−0.9	−0.6	+4	103	92
N Ireland	16.9	−4.6	−1.9	−0.8	−1.3	−1.1	+6	128	84
Scotland	17.0	−6.2	−1.3	−0.3	−0.8	−0.8	+4	113	79
England & Wales	22.9	−4.4	−1.2	−0.2	−0.7	−0.8	+4	120	81

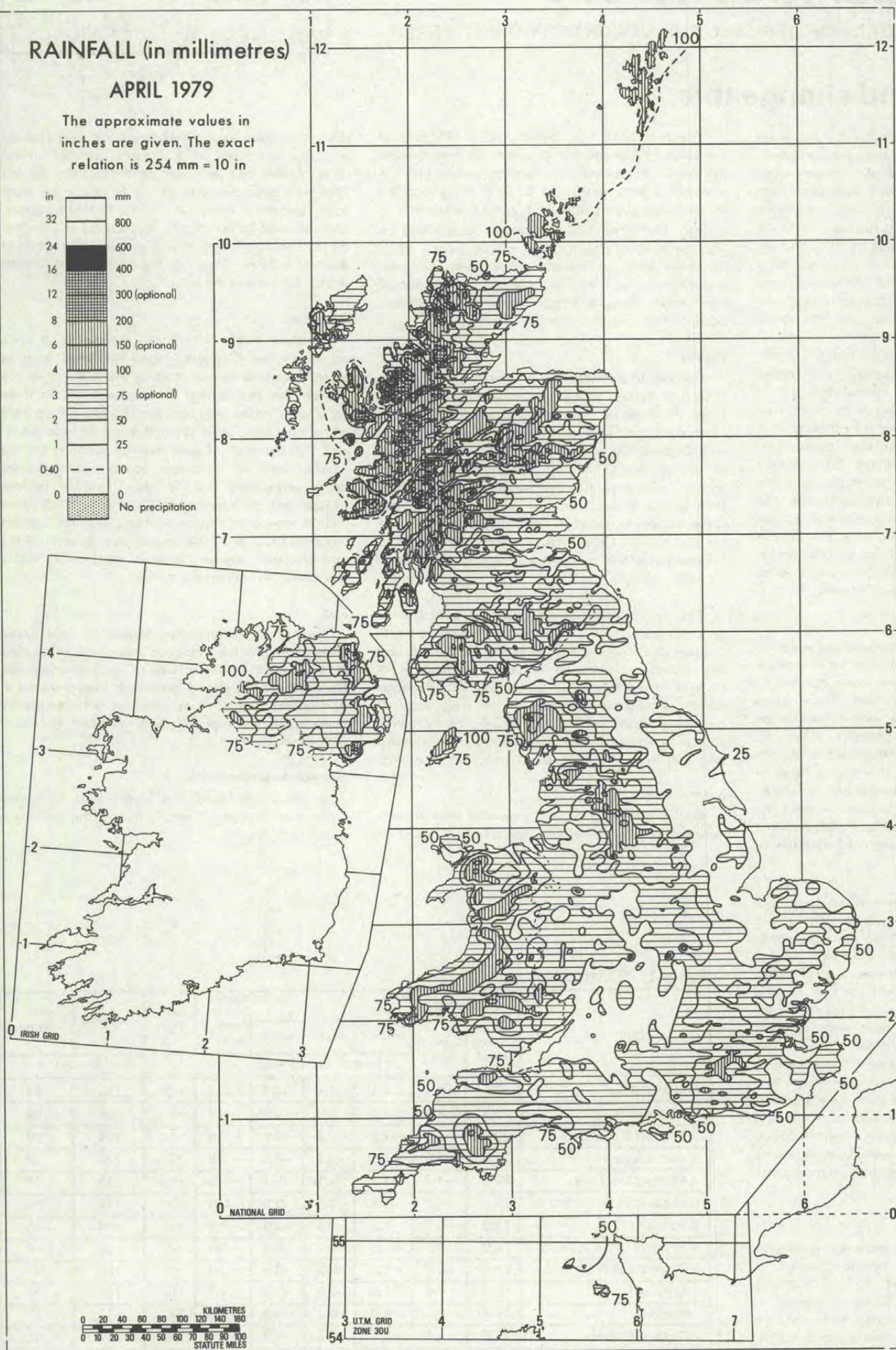
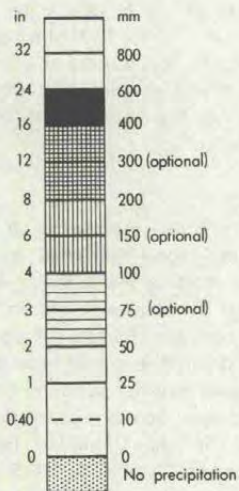
\*Highest maximum and lowest minimum of District Value Stations



# RAINFALL (in millimetres)

APRIL 1979

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





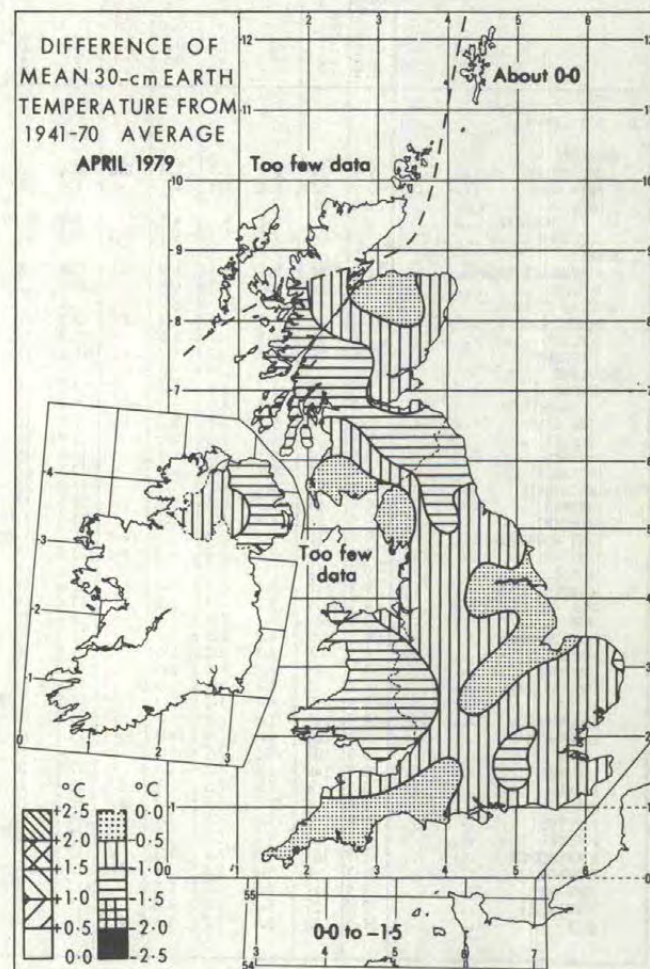
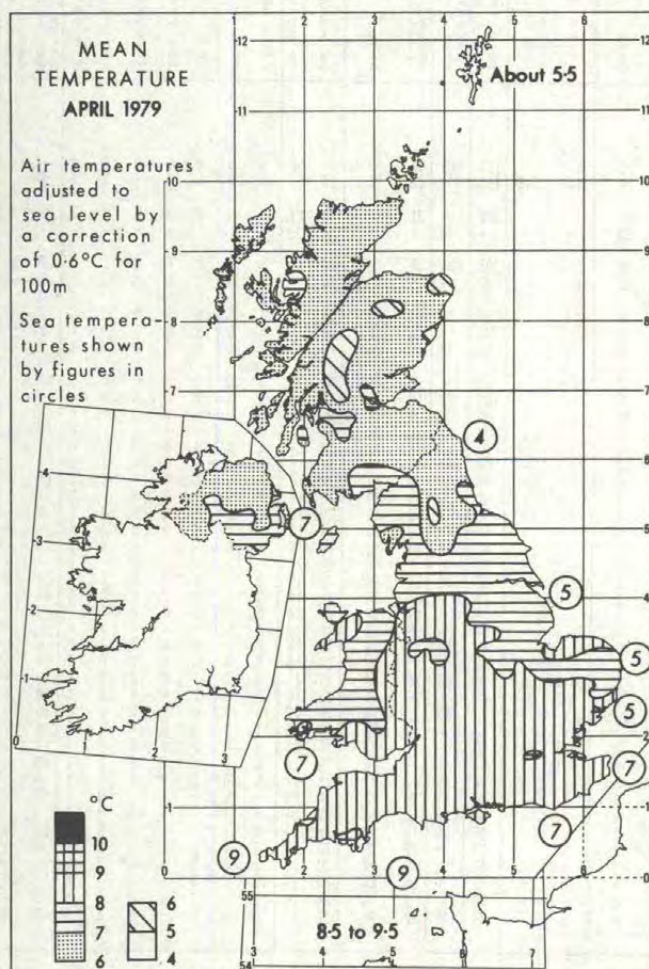
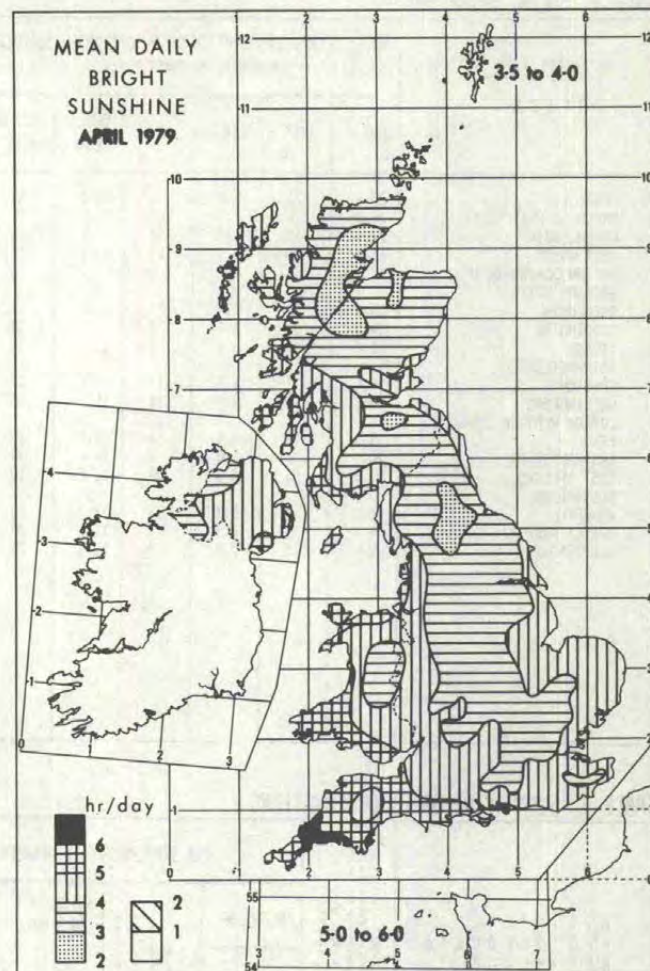
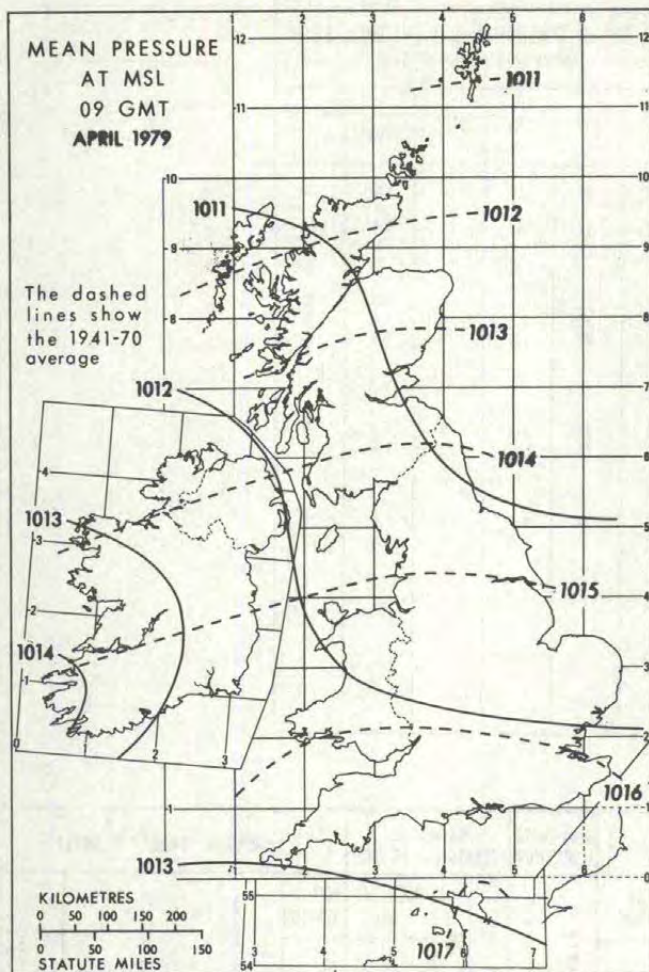




TABLE 2 SOLAR RADIATION

APRIL 1979

STATION	DAILY GLOBAL IRRADIATION ON A HORIZONTAL SURFACE (MEGAJOULES PER SQUARE METRE)						DAILY DIFFUSE IRRADIATION ON A HORIZONTAL SURFACE (MEGAJOULES PER SQUARE METRE)					
	MAX.	DATE	MIN.	DATE	DAILY MEAN	NO. OF DAYS	MAX.	DATE	MIN.	DATE	DAILY MEAN	NO. OF DAYS
LERWICK	20.4	23	0.8	10	10.2	30	11.2	29	0.8	10	6.6	30
ABERDEEN UNIVERSITY	19.2	14	1.7	10	10.8	30						
ESKDALEMUIR	21.4	30	1.3	10	10.8	30	10.8	17	1.3	10	7.4	30
MOOR HOUSE	19.1	27	3.1	29	10.3	30						
SUTTON BONINGTON												
GRAHAM WATER												
ABERPORTH	23.1	17	4.4	7	14.8	30	10.9	21	3.4	7	7.7	30
CARDINGTON	24.8	30	3.5	8	11.2	30	10.3	20	3.2	8	7.6	30
SILSOE	23.0	30	3.6	8	11.5	30	10.8	27	3.6	8	7.9	30
ROTHAMSTED												
ORARSTON	20.6	18	4.9	17	11.3	30						
MALLINGFORD	19.4	18	4.4	21	11.1	30						
LONDON WEATHER CENTRE												
KEM	19.3	18	3.3	8	10.7	30	10.2	27	3.3	8	7.5	30
EASTHAMPTON	20.9	18	6.0	8	11.4	30	9.6	22	5.7	18	7.6	30
EAST MALLING	21.8	30	4.9	28	11.6	30						
RUSTINGTON												
WAREHAM	20.0	18	3.2	10	13.7	30						
JERSEY AIRPORT	24.4	27	3.9	7	15.0	30	13.5	20	3.9	7	8.6	30
ALDERGROVE	20.4	26	2.7	9	11.3	29	10.8	30	2.3	9	7.0	29

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

APRIL 1979

DISTRICT REGION/COUNTY AND PLACE	MAX. TERMINAL HEIGHT MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C								MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL H 09 GMT)		WEATHER (NUMBER OF DAYS)										BRIGHT SUNSHINE							
			MEANS OF		DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY	PRECIP- ITATION	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS MIN. BELOW 0 DEG C	CONCRETE MIN. BELOW 0 DEG C	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE			
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE																						
0 SCOTLAND N																																
SHEPHERD	9 9	24	7.8	2.7	5.3	-0.6	10.4	20	0.1	23	5.1	-	113	149	32	10	24	18	4	0	0	0	0	0	0	0	0	2	3.63	84	-	
BALTRAND	9 9	57	6.8	3.8	5.3	-	8.8	20	-1.4	30	5.4	5.0	103	-	23	10	23	19	4	0	4	3	1	1	1	5	-	3	3.75	-	-	
FAIR ISLE	21-9	82																														
LERWICK			6.8	3.1	4.9	-	9.0	18.20	-1.2	30	-	-	128	-	31	10	26	19	6	0	1	3	0	0	2	6	4	1	3.50	77	-	
PSYCHROMETER			7.1	3.1	5.1	-0.3	9.3	20	-1.4	30																						
SCREEN																																
ORKNEY																																
KIRKALL AIRPORT	21-9	26	8.1	3.3	5.7	-0.6	11.4	18	-1.2	30	-	-	103	174	16	10	22	17	5	0	2	6	0	0	3	1	10	8	2	3.16	62	-
MEYLAND	9 9	24	8.2	3.7	5.9	-	10.9	19	-0.2	30	6.1	-	92	-	15	10	20	17	2	0	0	0	0	0	3	1	1	-	-	-	-	
WESTERN ISLES																																
BENBECULA	21-9	6	9.2	4.1	6.7	-0.8	12.4	12	-0.6	6	-	-	57	80	18	18	21	11	4	0	0	4	0	0	3	7	6	2	5.08	88	-	
SCALPAY	9 9	18	8.8	4.3	6.5	-	12.6	12	-0.4	2	-	-	71	-	18	18	17	14	1	0	0	0	0	0	1	6	-	0	4.57	-	-	
STORNOWAY	21-9	15	8.7	3.7	6.2	-0.7	12.0	12	-2.8	2	-	-	52	72	10	20	24	17	3	0	0	5	0	0	3	7	6	0	4.19	82	-	
HIGHLAND																																
ACHARY	9 9	107	8.7	2.2	5.5	-	13.3	14	-5.2	2	4.9	-	65	-	8	21	27	21	3	0	0	1	0	0	6	13	-	0	2.80	-	-	
ACHANASHELLACH	9 9	67	9.5	2.9	6.2	-0.7	14.0	12	-2.8	6	-	-	162	103	19	20	26	22	3	3	0	0	0	0	4	1	1	1	3.29	-	-	
CAPE WRATH	21-9	112	6.9	3.6	5.3	-1.0	12.0	12	-1.6	30	-	-	74	103	9	14	25	18	4	0	1	2	0	1	1	1	1	1	-	-	-	
CASSLEY	9 9	99	8.4	2.6	5.5	-	(13.0)	14	-4.5	2	-	-	108	-	14	29	25	22	-	-	-	-	-	-	12	-	-	-	-	-	-	-
CORPACH	9 9	8	10.1	3.1	6.6	-	15.8	16	-2.6	6	-	-	110	-	18	22	23	19	1	0	0	0	0	0	4	-	-	-	-	-	-	-
DALCROSS	9 9	11	9.2	3.4	6.3	-	13.4	12	-1.9	2	-	-	59	152	12	14	21	13	-	-	-	-	-	1	3	-	-	-	-	-	-	-
DALWHINIE	9 9	351	7.6	0.2	3.9	-	11.7	28	-7.0	6	-	-	58	-	8	10	27	17	12	5	1	2	1	0	12	19	-	-	2.71	-	S	
DIABLO	9 9	60	9.5	4.0	6.7	-	15.1	17	0.1	2	-	-	80	-	11	29	22	17	4	1	0	2	1	0	0	2	6	-	-	-	-	-
DOUNREAY	9 9	21	8.8	3.3	6.1	-	13.0	11.19	-1.9	2	-	-	71	142	(10)	14	20	(17)	1	0	0	0	0	0	2	6	-	-	-	-	-	-
FORT AUGUSTUS	9 9	21	9.7	2.8	6.3	-0.8	14.2	14.28	-2.7	6	-	-	57	-	9	20	23	13	5	2	0	0	0	1	4	-	-	-	2.76	65	-	
FORTROSE	9 9	5	8.4	3.5	5.9	-1.4	12.9	14	-0.5	2	-	-	52	129	10	14	20	12	-	-	-	-	-	0	1	-	-	-	3.27	67	-	
DEISGILL	9 9	12	-	3.3	-	-	-	-	-1.0	2	-	-	61	-	8	20	26	20	-	-	-	-	-	-	3	-	-	-	3.36	-	-	
GLENNMORE LODGE	9 9	341	7.7	0.7	4.2	-	12.4	14	-6.2	2	-	-	92	136	21	24	26	19	8	13	1	0	0	0	11	21	13	0	3.20	-	S	
GRANTON-ON-SPEY	9 9	229	8.8	1.3	5.1	-	13.9	14	-6.1	2	-	-	74	-	13	24	24	18	9	4	0	2	0	0	10	17	-	-	3.31	-	-	
HEARST	9 9	109	9.1	2.7	5.9	-	13.1	11	-1.8	6	-	-	119	-	21	18	23	20	5	0	0	2	0	0	5	7	-	-	-	-	-	-
INVERGORDON	9 9	15	9.8	3.6	6.7	-	14.3	19	-1.5	2	-	-	50	-	9	22	18	15	-	-	-	-	-	1	1	-	-	-	-	-	-	-
INVERNESS	9 9	4	9.7	(3.2)	(6.5)	-	14.0	14	-1.4	17	-	-	56	137	8	14	20	14	0	0	0	0	0	1	2	4	-	-	3.11	-	-	-
INVERPOLLY	9 9	14	9.2	4.0	6.6	-	14.5	11	-1.5	4	6.1	-	62	-	9	20	24	18	3	0	0	6	0	0	3	9	-	-	-	-	-	-
ISLE OF RHUM	9 9	5	9.7	3.4	6.5	-	12.4	17	(-2.5)	6	6.9	6.2	130	83	28	18	23	21	3	0	3	0	0	0	4	13	-	-	4.12	-	-	-
KEISS	9 9	30	8.6	3.2	5.9	-	12.8	19.28	-0.5	2	5.9	5.2	79	-	12	24	23	14	2	0	1	4	0	2	1	8	-	-	3.38	-	-	-
KNOCKAROCK	9 9	244	7.6	2.3	4.9	-	13.5	17	-1.2	2.30	-	-	127	83	22	27	24	22	10	2	0	1	0	1	4	16	-	-	-	-	-	-
LAGANILIA	9 9	250	8.5	1.1	4.8	-	13.1	14	-7.1	6	-	-	42	-	9	14	18	12	11	3	0	1	1	1	9	16	-	-	-	-	-	-
LAIRO	9 9	107	9.5	2.0	5.7	-	13.7	14	-6.2	2	5.3	4.7	68	-	7	21	26	20	4	0	2	0	0	2	7	19	-	-	-	-	-	-
LENTAN	9 9	146	8.4	2.1	5.3	-	12.8	28	-2.3	2	4.1	-	67	-	9	14	24	16	6	2	0	2	0	2	7	19	-	-	-	-	-	-
MAIRN	9 9	6	9.4	2.9	6.1	-1.1	13.9	27	-2.4	6	-	-	52	139	11	2	19	11	6	0	2	2	0	1	3	7	-	-	3.62	70	-	-
ONICH	9 9	15	10.7	2.6	6.7	-0.6	16.5	16	-3.5	3	-	-	116	85	28	22	24	20	-	-	-	-	-	0	7	13	-	-	3.19	76	S	
POOLEME	9 9	6	9.5	4.0	6.7	-	14.7	12	-1.6	4	-	-	68	-	10	20	20	18	2	0	0	3	0	0	3	7	-	-	4.06	-	-	-
PRABOST	9 9	67	9.2	3.3	6.3	-	13.7	12	-2.5	2	-	-	82	73	15	18	26	19	6	1	1	4	0	0	3	13	-	-	4.33	-	-	-
STATHCONON	9 9	107	9.3	2.1	5.7	-	12.9	17	-4.0	2	-	-	97	-	13	29	24	19	5	1	1	1	0	-	6	-	-	-	-	-	-	-
TARBATHNESS	21-9	18	8.8	4.0	6.4	-0.7	12.6	19	-1.0	2	-	-	61	-	13	22	20	16	2	-	0	3	0	0	2	1	-	-	-	-	-	-
TOMTIN	9 9	311	( 7.8)	1.2	( 4.5)	-	(12.9)	28	-4.6	6	-	-	92	-	15	24	23	17	11	-	-	3	0	0	-	8	-	-	-	-	-	-
TOMTISDALE	9 9	27	9.2	3.4	6.3	-	13.6	17	-4.0	2	-	-	49	-	9	14	24	14	2	0	2	0	0	0	3	8	-	-	3.93	-	-	-
NICK	21-9	36	8.5	3.2	5.9	-0.5	12.1	19	-1.8	2	-	-	87	198	12	10	22	17	4	0	0	5	0	1	3	12	6	2	3.31	64	-	-



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DISTRICT REGION/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.	DATE	MIN.	DATE																					
							MAX. (A)	MIN. (B)																											
1 SCOTLAND E																																			
GRAMPIAN																																			
ABERDEEN																																			
DYCE AIRPORT			21-9	58	9.2	2.9	6.1	-0.6	14.4	28	-1.8	2	-	-	72	153	10	9	22	18	6	2	0	6	0	2	3	12	10	0	3.65	72	-		
MANNOFIELD			9 9	52	8.9	3.0	5.9	-0.9	14.3	28	-1.8	2	-	-	61	130	9	4.9	22	17	4	1	0	0	3	0	0	1	10	0	0	-	-		
BALMORAL			9 9	283	7.8	0.9	4.3	-1.2	13.0	14	-6.5	2	-	-	95	183	18	10	24	20	6	1	0	0	0	0	12	16	0	0	-	-			
BANCHORY			9 9	94	9.8	2.4	6.1	-	15.0	14	-3.0	2	-	-	76	133	10	10	24	15	6	1	0	4	0	0	11	7	0	3.08	-	-			
BANFF			9 9	24	8.4	3.9	6.1	-	13.5	19	0.5	2	-	-	67	169	12	24	22	14	0	0	1	0	0	2	2	0	2	3.69	-	-			
BREAR			9 9	339	7.7	1.6	4.7	-0.5	12.1	28	-5.7	2	-	-	78	142	15	10	22	15	15	13	2	3	0	0	12	12	1	3.13	68	-			
CLASHNOIR			9 9	338	7.0	0.7	3.9	-	12.8	14	-6.4	2	-	-	88	177	17	24	24	10	15	13	2	3	0	1	9	19	1	2.77	5	-			
CRAIBSTONE			9 9	91	8.8	2.5	5.7	-0.8	(13.7)	28	-0.9	2	-	-	82	170	11	9	25	19	6	2	0	1	0	4	5	13	0	3.93	76	-			
CULTERTY			9 9	3	9.1	3.1	6.1	-	13.8	28	-0.7	2	-	-	57	144	7	9	25	17	3	-	0	0	0	2	1	9	0	3.72	-	-			
ELGIN			9 9	15	9.8	3.5	6.7	-	14.2	13	-2.9	2	-	-	68	166	14	24	20	13	5	0	1	0	0	0	2	11	0	3.00	-	-			
FOREHILL			9 9	40	8.4	3.0	5.7	-	12.1	20	-2.0	4	-	-	54	-	8	9	24	16	2	0	0	0	0	2	3	7	1	-	-	-			
FORRES			9 9	5	9.7	3.5	6.6	-0.6	14.1	19	-1.1	9	-	-	65	-	11	24	19	15	4	0	0	3	0	1	3	12	0	3.17	64	-			
FRASERBURGH			21-9	19	8.0	3.7	5.9	-	12.6	19	1.0	30	-	-	59	165	10	29	20	14	1	0	0	0	0	0	0	0	0	2	3.82	-	-		
FYVIE CASTLE			9 9	55	9.2	2.3	5.7	-	14.5	14	-3.0	4	-	-	79	161	12	24	27	19	3	0	0	0	0	0	0	0	1	-	-	-			
GARTLY			9 9	146	8.9	2.5	5.7	-	14.9	14	-2.8	2	-	-	97	-	20	24	21	20	-	-	-	-	-	4	15	-	-	-	-	-			
GLENLIVET			21-9	215	8.7	2.0	5.3	-	15.0	14	-4.1	2	-	-	79	127	16	24	21	17	11	2	2	0	0	0	7	11	8	0	3.19	-	-		
INVERURIE			9 9	54	9.6	2.3	5.9	-	14.3	28	-3.4	2	-	-	67	-	9	10	23	17	5	0	1	0	0	3	4	13	-	0	3.42	-	-		
KEITH			9 9	106	9.2	2.5	5.9	-	14.5	19	-2.3	9	-	-	109	-	35	24	23	19	6	1	0	4	0	-	4	12	0	3.56	-	-			
KINLOSS			21-9	5	9.4	3.3	6.3	-0.9	14.0	19	-3.5	2	-	-	66	184	11	24	21	13	6	0	2	4	0	0	1	3	11	5	0	3.23	-	-	
LOSSIEMOUTH			21-9	6	9.5	3.3	6.4	-	14.6	19	-3.0	2	-	-	71	192	11	24	24	15	4	0	0	4	0	0	4	9	5	0	-	-	-		
STONEHAVEN			9 9	4	9.4	2.3	5.9	-0.9	14.6	28	-2.0	1	-	-	64	142	11	10	24	16	4	0	1	0	0	2	5	-	3	3.58	70	-	-		
TAYSIDE																																			
ABERDORTH			9 9	29	9.4	3.6	6.5	-	14.1	28	-0.4	2	-	-	61	156	23	10	21	13	4	0	0	0	0	2	1	15	-	0	4.43	78	-		
ADRIANWIG			9 9	130	9.6	2.4	6.0	-	15.6	28	-2.5	3	-	-	86	104	14	7	20	15	7	0	1	1	1	1	13	19	-	0	3.79	-	-		
DALL			9 9	232	8.9	0.2	4.5	-	14.3	28	-7.2	6	-	-	86	89	10	7	21	15	7	3	0	0	1	1	0	13	19	-	0	-	-		
DRUMMOND CASTLE			9 9	113	9.7	2.2	5.9	-	15.3	28	-3.5	2	-	-	85	-	21	10	16	13	2	0	0	0	1	-	6	15	-	0	4.64	-	-		
DUNDEE			9 9	45	10.3	3.6	6.9	-0.6	16.4	28	-0.4	3	-	-	57	126	22	10	17	10	1	0	2	0	0	0	2	16	-	0	4.27	85	-		
FASKALLY			9 9	94	10.0	2.5	6.3	-	15.3	28	-4.4	2	-	-	66	-	18	10	20	11	5	1	0	1	0	1	11	24	-	1	-	-	-		
KINDROGAN			9 9	259	8.7	0.8	4.7	-	13.9	28	-5.8	2	-	-	66	-	14	10	17	16	-	1	-	-	-	0	8	16	-	-	4.37	-	-		
KINROSS			9 9	116	9.8	1.7	5.7	-	15.9	28	-2.5	3	-	-	72	-	14	10	20	8	5	0	2	0	0	1	2	8	-	0	-	-	-		
MONTROSE			9 9	57	9.3	3.1	6.2	-	14.0	28	-1.8	2	-	-	44	101	17	10	20	8	5	0	2	0	0	1	2	8	-	0	3.60	-	-		
MYLNEFIELD			9 9	30	9.9	3.3	6.6	-	15.6	28	-1.6	3	-	-	56	136	21	10	18	10	3	0	0	3	0	1	2	11	-	0	-	-	-		
PERTH			9 9	23	10.6	2.5	6.5	-1.2	16.7	28	-3.2	2	-	-	52	116	17	10	17	12	-	0	-	-	-	0	6	12	-	0	-	-	-		
STRATHALLAN			9 9	41	10.3	2.9	6.6	-	16.1	28	-2.0	3	-	-	64	-	17	10	17	13	7	0	2	0	1	1	5	12	-	0	-	-	-		
USAM			21-9	30	9.1	3.5	6.3	-	15.8	28	-1.0	2	-	-	47	-	16	10	18	12	1	0	1	1	0	1	1	5	4	0	3.94	-	-		
WHITEHILLOCKS			9 9	258	8.5	1.6	5.1	-	14.1	28	-4.5	2	-	-	84	117	25	10	21	14	6	2	0	0	0	1	6	17	-	0	-	-	-		
FIFE																																			
BELLISTON			9 9	82	9.5	3.4	6.5	-	14.5	28	-1.2	2	-	-	68	152	15	10	21	16	3	0	0	3	0	0	1	12	-	0	-	-	-		
CUPAR			9 9	36	9.9	3.0	6.5	-	15.9	28	-2.9	3	-	-	68	-	17	10	20	12	4	1	2	0	2	-	4	13	-	0	3.71	5	-		
LEUCHARS			21-9	10	9.8	3.0	6.4	-1.1	16.1	28	-2.5	3	-	-	52	134	19	10	21	11	4	0	2	1	0	0	4	13	10	0	4.25	76	-		
PITREAVIE			21-9	40	10.1	3.2	6.7	-	15.2	28	-1.7	3	-	-	52	124	11	10	17	11	6	0	0	1	1	2	2	7	0	-	-	-	-		
ST ANDREWS			9 9	18	9.5	3.6	6.5	-	(16.5)	28	-1.0	3	-	-	52	131	17	10	17	11	1	1	0	0	0	2	2	9	-	0	3.96	-	-		
LOTHIAN																																			



DISTRICT REGION/COUNTY AND PLACE	MAX. TERMINAL HEIGHT MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE MBL (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	DRLE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE				
			MAX. (A)	MIN. (B)			MAX.	DATE																			MIN.	DATE		
6 SCOTLAND W																														
STRATHCLYDE																														
ACHAGLACHOACH ...	9 9	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
AROS ...	9 9	37	10.1	2.6	6.3	-	14.0	16	-3.5	6	-	-	109	19	22	20	18	2	0	0	0	0	5	4	14	-	0	-		
AUCHINCUIVE ...	9 9	45	9.6	3.7	6.7	-1.0	15.2	14	-2.3	3	6.7	6.1	58	112	13	10	18	12	1	0	1	0	0	0	2	12	-	0		
BEHMORE (YOUNGER BOTANIC GARDEN) ...	9 9	12	10.1	3.2	6.7	-	14.9	16	-2.0	3.6	6.6	-	108	72	17	22	21	18	4	0	0	0	2	1	0	5	2	-		
BRODICK CASTLE ...	9 9	15	10.3	3.7	7.0	-	14.1	26	-2.4	3	8.3	-	88	78	15	22	20	15	2	0	0	0	0	2	11	-	0	-		
CAMPS RESERVOIR ...	9 9	295	8.0	0.5	4.3	-	14.8	14	-7.5	3	71	97	15	12	21	15	11	1	3	0	1	3	11	-	5	5	3.69			
CARNATH ...	9 9	208	9.1	1.1	5.1	-	13.7	14	-5.6	3	5.4	-	55	107	11	22	24	15	12	1	0	2	1	2	13	16	13	2		
CORTBRIDGE ...	9 9	66	10.3	2.4	6.3	-	15.6	16	-3.5	3	57	111	12	22	17	13	12	1	0	0	0	0	1	6	-	2	-			
COLONSAY ...	9 9	35	9.4	4.0	6.7	-	12.7	17	-0.8	6	62	-	12	22	16	15	1	0	0	1	0	0	0	1	8	0	0	-		
CRAIGHOUSE ...	9 9	4	9.6	4.0	6.8	-	12.2	19	-1.4	6	76	-	21	22	20	15	4	0	0	1	0	0	1	10	14	13	0	3.53		
CRAWFORD JOHN ...	9 9	274	8.5	1.1	4.8	-	15.0	14	-6.0	3	4.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.33		
CUNNOCK ...	9 9	99	9.9	2.6	6.3	-	16.6	16	-4.0	6	6.6	-	50	-	10	22	22	11	2	0	0	1	0	0	4	12	9	0	-	
DUNSTAFFRAE ...	9 9	3	9.6	3.8	6.7	-	13.0	16	-3.2	3	-	-	78	-	22	22	22	16	2	1	0	0	0	0	2	9	0	0	-	
EAST KILBRIDE ...	9 9	178	9.1	2.8	5.9	-	13.5	16	-2.8	3.6	67	-	13	10	21	16	2	0	0	0	0	0	1	4	13	-	0	4.64		
GIRVAN ...	9 9	8	10.0	3.9	6.9	-	12.5	26	-1.5	3.6	-	-	52	83	14	10	17	12	1	0	0	0	0	1	2	4	0	0	5.05	
GLASGOW																														
ROBOTSINCH AIRPORT ...	21-9	5	10.5	3.0	6.7	-1.2	15.1	16.20	-4.2	6	-	-	61	-	15	10	18	13	3	0	0	4	1	0	5	13	9	0	4.57	93
SPRINGBURN PARK ...	9 9	107	9.7	3.0	6.3	-1.2	14.6	17	-3.8	6	-	-	62	98	15	10	17	13	1	0	0	0	0	4	3	17	-	0	-	-
WEATHER CENTRE (X)	21-9	40	10.1	4.7	7.4	-	16.5	16	-0.2	3.6	-	-	61	-	15	10	17	14	3	-	0	1	1	1	2	-	-	0	4.35	5
GREENOCK ...	9 9	61	-	-	-	-	-	-	-	-	-	-	86	87	20	22	18	15	-	-	-	-	-	-	-	-	-	-	3.99	-
HELENSBURGH ...	9 9	96	9.2	2.4	5.8	-1.5	14.0	16	-3.0	3	-	-	81	87	17	22	20	18	-	0	-	-	-	0	5	-	-	-	4.52	-
HUNTERSTON ...	9 9	8	9.9	4.0	6.9	-	13.0	14	-1.6	3	-	-	56	-	11	10	15	12	0	0	0	0	1	0	1	-	-	0	-	-
KILDONAN ...	9 9	18	9.7	3.2	6.5	-	13.0	26	-0.6	3	-	-	72	-	20	22	25	15	1	-	0	0	0	0	1	7	4	0	5.21	-
KILMARNOCK ...	9 9	34	10.4	2.9	6.7	-	13.8	25	-3.1	6	7.3	6.4	73	-	15	10	17	14	0	-	0	0	0	0	4	-	-	-	-	-
KNAPDALE FOREST ...	9 9	12	9.9	2.5	6.2	-	13.1	17	-4.5	3	-	-	91	-	21	22	19	15	3	0	0	0	0	0	8	12	-	0	-	-
LEARNHILLS ...	9 9	388	7.5	0.4	3.9	-	14.9	14	-7.0	3	-	-	102	104	23	12	25	20	13	6	3	0	0	0	2	12	17	-	1	-
MACHIRHARISH ...	21-9	10	9.2	4.0	6.6	-	12.1	17	-3.8	3	-	-	51	74	8	22	18	12	1	0	0	2	0	1	2	7	3	2	5.04	-
MILLPORT ...	9 9	5	9.7	4.2	6.9	-	13.1	28	-1.5	3	-	-	63	86	14	22	17	14	0	0	0	0	0	0	1	-	-	0	-	-
PAISLEY ...	9 9	32	10.7	3.8	7.3	-1.0	15.9	16	-1.7	3	6.9	6.6	65	95	16	10	19	12	0	0	0	0	1	0	2	7	-	0	4.12	87
PRESTWICK ...	21-9	16	9.8	3.5	6.7	-	14.7	14	-3.3	6	-	-	62	118	14	10	19	14	0	0	0	0	1	0	3	10	8	1	4.58	-
RHIVALL ...	21-9	20	8.6	4.3	6.5	-	11.7	13.23	-0.5	2	-	-	77	99	18	22	21	13	2	0	0	0	0	0	1	4	4	1	-	-
ROTHERSAY ...	9 9	43	9.5	3.9	6.7	-	13.0	16	-1.0	3	6.2	5.3	78	86	21	22	19	15	0	0	0	0	0	0	1	10	-	0	-	-
STONACHULLIN ...	9 9	2	9.9	3.8	6.9	-	14.6	16	-2.3	3	-	-	90	-	20	22	17	15	0	0	0	0	0	1	3	11	-	0	-	-
TREE ...	21-9	9	9.1	4.2	6.7	-1.0	11.6	19	-0.5	3	-	-	61	94	14	22	18	12	2	0	0	5	0	0	1	8	7	0	4.85	84
UPHAWOOD ...	9 9	128	9.3	2.2	5.7	-	13.8	16	-4.4	6	-	-	103	-	17	22	20	15	3	1	0	3	1	0	3	14	-	0	-	-
CENTRAL																														
ARROCHYMORE ...	9 9	30	9.8	1.7	5.7	-	14.7	16	-4.2	3	-	-	93	-	14	7	19	14	0	0	0	0	1	0	7	17	-	0	4.14	-
CALLINDER ...	9 9	107	10.0	1.6	5.8	-	15.6	28	-4.0	2	-	-	84	89	12	12	21	15	3	0	0	0	1	0	9	11	-	0	-	-
EARLS HILL ...	21-9	335	7.7	1.2	4.5	-	12.8	20	-2.1	2	-	-	91	-	18	10	20	17	9	-	0	0	1	5	8	18	18	0	4.26	-
FALKIRK ...	9 9	3	10.4	( 3.9 )	7.1	-	15.5	28	( -2.8 )	3	-	-	49	-	9	9	16	11	2	0	0	1	0	1	1	-	-	0	3.55	-
PARKHEAD ...	9 9	107	10.6	3.7	7.1	-	15.4	28	( -2.5 )	3	6.3	-	60	-	15	10	14	13	-	0	-	-	-	1	0	-	-	-	-	-
STIRLING (BATTERFLATS)	9 9	38	10.8	2.3	6.5	-	16.1	28	-3.1	2	6.3	5.6	62	-	15	10	16	13	4	1	0	1	0	0	6	16	-	0	3.93	-
DUMFRIES & GALLOWAY																														
BARGENNAH ...	9 9	110	10.2	2.1	6.1	-	17.2	14	-4.4	6	-	-	92	95	17	22	22	17	4	0	0	2	0	3	6	17	-	0	-	-
CLATTERINGSHAWS ...	9 9	178	9.0	2.4	5.7	-	15.3	14	-4.0	3	-	-	111	93	21	22	24	16	7	0	5	3	0	0	5	-	-	1	3.87	-
DUMFRIES ...	9 9	49	10.2	3.5	6.9	-0.6	17.0	14	-2.0	3	6.9	6.1	64	99	16	10	18	8	1	0	2	0	2	0	4	11	-	0	4.87	103
DUNDEUGH ...	9 9	119	9.9	2.2	6.1	-	16.1	14	-5.8	6	5.8	-	80	88	17	10	21	13	0	0	1	0	0	0	6	-	-	0	-	-
ESKDALEMUIR ...	21-9	242	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PSYCHROMETER ...	-	-	8.9	1.3	5.1	-	15.2	14	-5.9	3	5.4	5.0	101	101	26	10	20	16	9	0	0	5	1	0	10	16	11	0	3.72	85
SCREEN ...	-	-	9.1	1.5	5.3	-0.8	15.4	14	-6.2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GIROSTINGWOOD ...	9 9	98	-	-	-	-	-	-	-	-	-	-	78	-	15	22	-	-	-	-	-	-	-	-	-	-	-	-	5.33	-
GLENLEE ...	9 9	55	10.5	2.8	6.7	-0.6	16.8	14	-4.5	6	-	-	86	95	20	10	22	15	4	0	-	-	-	-	0	5	13	-	-	-
GLENLOCHAR BARRAGE ...	9 9	47	10.4	3.5	6.9	-	16.8	14	-2.2	3	-	-	74	97	16	10	19	14	1	0	0	0	0	0	3	-	-	2	-	-
MENTON STEWART ...	9 9	46	10.5	-	-	-	17.5	14	-	-	-	-	67	94	15	10	15	13	2	-	0	0	1	0	-	-	-	1	-	-
PALMURE ...	9 9	18	10.2	2.8	6.5	-	17.7	14	-3.7	3	-	-	81	107	16	10	21	15	3	1	1	0	0	1	5	15	-	0	-	-
THREAVE ...	9 9	73	10.1	3.2	6.7	-	17.5	14	-2.3	3	6.9	-	74	97	17	10	21	14	9	1	0	2	1	1	3	13	-	0	-	-
2 ENGLAND E & NE																														
NORTHUMBERLAND																														
BOULNER ...	21-9	23	8.8	3.4	6.1	-	13.5	23	-0.7	3	6.2	5.6	45	-	6	22	18	11	5	0	6	1	0	1	2	4	3	0	4.38	-
COCKLE PARK ...	9 9	99	9.1	2.8	5.9	-	13.9	18	-2.0	3	5.6	-	50	114	8	3	18	17	5	0	3	1	1	1	3	10	-	0	3.94	-
HAYDON BRIDGE ...	9 9	79	9.9	2.9	6.4	-	14.9	14	-1.7	3	-	-	39	84	6	3	21	10	4	0	0	0	0	2	3	-	-	0	-	-
KILDER CASTLE ...	9 9	201	8.9	1.0	4.9	-0.8	14.5	1																						



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

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APRIL 1979

DISTRICT REGION/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		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	DRASS 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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
2 ENGLAND E & NE -CONTINUED																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

APRIL 1979

DISTRICT REGION/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	0-2 MM OR MORE	1-0 MM OR MORE	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																							
4 MIDLAND COUNTIES																																	
WEST YORKSHIRE																																	
BRADFORD ...	9 9	134	10.1	3.4	6.7	-1.0	17.6	14	-1.4	3	6.0	5.0	89	152	32	7	19	12	1	0	4	0	0	2	2	17	-	0	3.28	72	8		
BRAMHAM ...	9 9	54	10.7	2.8	6.7	-	17.5	14	-1.7	3	-	-	54	117	8	7	21	13	1	0	0	1	1	0	5	10	-	0	-	-	-	-	
HUDDESFIELD (DAKES)	21-9	232	9.9	3.2	6.5	-0.9	17.6	14	-1.8	3.4	5.8	4.6	104	149	30	7	20	14	6	0	0	4	3	4	5	12	7	2	-	-	-	-	
ILKLEY ...	9 9	83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PONTEFRAC	9 9	78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TOONORDEN	9 9	160	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WILSON	9 9	262	9.3	2.2	5.7	-	17.5	14	-4.2	4	-	-	119	-	32	7	23	12	6	1	1	0	0	5	4	11	8	0	-	-	-	-	-
SOUTH YORKSHIRE																																	
FINNINGLEY	21-9	10	11.6	4.1	7.9	-	19.3	14	-2.0	2	-	-	46	116	8	7	20	14	4	0	0	4	1	0	2	11	5	0	3.52	-	-	-	-
SHEFFIELD																																	
DORE ...	9 9	206	10.4	3.7	7.1	-	18.2	14	-1.2	3	-	-	101	-	29	7	19	14	6	1	3	0	0	2	3	2	8	-	1	-	-	-	-
WESTON PARK	9 9	131	11.0	4.4	7.7	-0.6	18.8	14	-0.7	3	7.0	5.8	83	154	31	7	20	14	1	0	0	0	0	2	1	7	-	0	3.53	82	-	-	-
DERBYSHIRE																																	
ASHOVER	9 9	178	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BARBROOK	9 9	323	9.4	1.4	5.4	-	17.4	14	-4.7	3	-	-	100	157	22	8	22	16	-	0	-	-	-	-	-	9	20	-	-	3.47	-	-	-
BUXTON	9 9	307	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DERBY	9 9	48	11.6	4.6	8.1	-	20.2	14	-0.5	6	-	-	63	139	15	7	18	15	0	0	1	0	1	0	2	9	-	0	3.09	-	-	-	-
WINDERWORTH	9 9	116	10.7	3.2	6.9	-	18.9	14	-2.4	3	6.6	-	81	-	20	7	21	16	3	0	0	2	2	6	4	14	-	0	3.63	-	-	-	-
NOTTINGHAMSHIRE																																	
HANSFIELD	9 9	114	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NEWTHORPE	9 9	58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NOTTINGHAM	9 9	59	11.7	4.9	8.3	-0.2	20.0	14	0.9	5	7.1	5.9	67	164	15	7	19	14	0	0	0	1	0	3	0	6	-	0	-	-	-	-	-
SUTTON BONINGTON	9 9	48	11.6	3.4	7.5	-0.8	19.6	14	-1.3	4	7.1	6.5	66	154	15	7	17	13	0	0	0	0	0	1	5	15	9	0	3.78	81	-	-	-
WARSOP	9 9	46	11.5	3.7	7.6	-	19.5	15	-0.9	3	-	-	82	195	24	7	22	17	2	0	0	0	1	1	2	17	-	0	3.32	-	-	-	-
WATNALL	21-9	117	11.1	4.0	7.5	-0.8	20.1	15	-0.7	3	-	-	82	171	19	7	20	16	4	0	4	0	2	2	3	12	4	0	3.42	74	-	-	-
STAFFORDSHIRE																																	
KEELE	9 9	179	10.2	3.5	6.9	-	18.6	14	-2.7	3	6.5	5.5	60	113	11	7	22	14	3	0	1	4	1	0	3	11	10	0	3.24	-	5	-	-
DAWEN	9 9	125	11.2	3.4	7.3	-0.6	19.9	14	-4.5	3	7.1	-	64	134	11	8	19	13	2	0	0	0	1	1	2	10	-	0	-	-	5	-	-
PENKRIDGE	9 9	101	10.9	3.6	7.3	-	19.5	14	-2.5	3	-	-	46	97	7	7	20	16	1	0	1	0	0	1	4	7	-	0	3.86	-	-	-	-
STONE	9 9	107	10.7	3.5	7.1	-	19.0	14	-5.0	3	-	-	57	113	12	7	20	14	6	0	9	0	2	1	5	12	-	0	3.38	-	-	-	-
LEICESTERSHIRE																																	
CALDECOTT	9 9	53	11.7	3.5	7.6	-	20.8	15	-1.7	5	-	-	81	208	26	7	19	15	2	0	0	2	2	4	3	12	-	0	3.59	-	-	-	-
NEWTOWN LINCOLN	9 9	119	11.3	3.5	7.4	-	20.1	14	-1.3	3	-	-	67	143	13	7	17	12	1	0	2	0	2	1	5	8	-	0	3.18	-	-	-	-
SALOP																																	
HAWPTON LODGE	9 9	70	11.9	3.8	7.9	-	20.4	14	-3.1	3	-	-	55	-	14	8	16	15	-	-	-	-	-	-	3	-	-	-	4.77	-	-	-	-
NEWPORT	9 9	64	11.4	3.9	7.7	-0.2	19.2	14	-3.0	3	-	-	66	156	14	8	21	16	1	0	0	3	2	2	3	10	-	0	4.29	91	-	-	-
OSNESTRY	9 9	174	10.2	3.6	6.9	-1.0	18.0	14	-2.4	7	-	-	73	130	14	9	21	16	5	1	2	2	1	2	4	15	-	0	3.98	79	-	-	-
PRESTON MONTFORD	9 9	67	11.8	3.2	7.0	-	19.4	14	-2.7	3	7.6	6.6	51	-	9	8	16	11	1	0	0	0	0	0	5	18	-	0	(4.34)	-	-	-	-
SHAWBURY	21-9	72	11.3	3.5	7.4	-0.8	20.0	14	-4.4	3	-	-	60	140	13	23	20	13	4	1	1	4	1	1	4	12	8	0	4.18	83	-	-	-
SHREWSBURY	9 9	55	11.3	4.1	7.7	-0.8	19.4	14	-3.1	3	8.1	7.4	44	108	13	8	19	10	1	1	0	0	0	2	3	10	-	0	4.39	89	-	-	-
WEST MIDLANDS																																	
BIRMINGHAM																																	
EDOBASTON	21-9	163	10.8	4.4	7.6	-0.9	20.0	14	-2.0	3	6.3	-	61	114	10	7	18	14	5	0	3	1	2	1	2	7	6	0	3.68	81	-	-	-
ELMDON AIRPORT	21-9	96	11.3	3.9	7.6	-0.5	20.1	14	-3.4	3	-	-	43	-	11	12	15	10	5	0	2	1	3	2	5	13	6	0	3.91	79	-	-	-
KING EDWARD'S SCHOOL	9 9	137	11.1	4.4	7.7	-	19.6	14	-1.2	3	-	-	60	119	12	7	18	14	-	0	-	-	-	-	2	2	-	-	-	-	-	-	-
COVENTRY AIRPORT	9 9	81	11.4	3.9	7.7	-	20.0	14	-1.9	3	7.1	-	54	-	16	23	15	11	0	0	0	0	0	3	4	-	-	0	3.83</				



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DISTRICT REGION/COUNTY AND PLACE			MAX. TERMINAL HEIGHT (M)	MIN. TERMINAL HEIGHT (M)	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	FDD 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		12.7	4.8	8.7	-0.6	22.0	15	-0.5	5	-	-	88	204	16	7	20	15	-	-	-	-	-	-	-	-	-	-	-	-
ENFIELD ...			9 9	17		12.9	5.3	9.1	-	23.1	15	0.6	6	8.3	7.4	87	15	7	17	14	-	-	-	-	-	-	-	-	-	-	-	-	
GREENWICH ...			9 9	7		(12.4)	(5.3)	(8.9)	-	22.7	15	-0.3	5	-	-	71	177	12	7	20	15	-	-	-	-	-	-	-	-	-	-	-	
HAMPSTEAD ...			9 9	137		(11.6)	4.3	(7.9)	(-0.8)	22.5	15	-0.3	6	-	-	86	(187)	19	23	(18)(14)	-	-	-	-	-	-	-	-	-	-	-	-	
HAMPTON ...			9 9	12		12.4	(5.3)	(8.9)	(-0.5)	23.1	15	0.1	3	-	-	79	198	29	7	15	11	0	0	0	0	0	0	0	0	0	0	0	0
HARROW HEALD ...			9 9	98		12.3	-	-	-	22.2	15	-	-	8.3	7.6	94	26	7	17	16	-	-	-	-	-	-	-	-	-	-	-	-	
HEATHROW AIRPORT ...			21-9	25		12.6	4.9	8.7	-0.7	22.4	15	-1.7	6	-	-	78	194	29	7	14	11	-	-	-	-	-	-	-	-	-	-	-	
KENSINGTON PALACE ...			9 9	25		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
KEM			21-9	5		12.3	4.6	8.5	-	22.2	15	-2.5	4	8.0	7.4	79	198	27	7	18	12	-	-	-	-	-	-	-	-	-	-	-	
PSYCHROMETER ...						12.3	4.6	8.5	-	22.2	15	-2.5	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NORTH WALL SCREEN ...						12.5	5.7	9.1	-0.4	22.8	15	0.0	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LONDON																																	
WEATHER CENTRE (X)			21-9	77		12.7	6.5	9.6	-	23.3	15	2.7	4	-	-	65	-	13	23	18	13	0	0	0	0	0	0	0	0	0	0	0	0
ST JAMES'S PARK ...			9 9	9		12.6	5.9	9.3	-0.7	22.6	15	0.9	4	-	-	78	186	15	23	19	16	-	-	-	-	-	-	-	-	-	-	-	-
SOUTHGATE ...			9 9	67		12.1	4.7	8.4	-0.9	21.9	15	0.0	4	-	-	81	185	15	7	17	15	2	0	0	0	0	0	0	0	0	0	0	0
WADDON ...			9 9	59		12.1	4.7	8.4	-0.7	22.0	15	-1.5	6	-	-	107	230	25	7	18	15	-	-	-	-	-	-	-	-	-	-	-	-
MILTSHIRE																																	
BOSCOMBE DOWN ...			21-9	126		11.9	4.0	7.9	-0.7	21.9	15	-3.5	6	8.2	7.2	52	116	18	23	17	11	0	0	0	0	0	0	0	0	0	0	0	0
LACOCK ...			9 9	49		12.1	3.4	7.7	-	20.7	14.15	-3.9	4	-	-	37	83	9	7	17	10	-	-	-	-	-	-	-	-	-	-	-	
LARKHILL ...			9 9	132		12.0	3.8	7.9	-0.4	20.8	15	-4.2	6	-	-	43	93	9	23	15	11	1	0	0	0	0	0	0	0	0	0	0	0
LYNEHAM ...			21-9	145		11.6	4.0	7.8	-0.5	20.3	15	-3.1	6	-	-	34	76	8	23	20	12	1	0	0	0	0	0	0	0	0	0	0	0
PORTON ...			9 9	111		12.0	3.5	7.7	-0.6	21.1	15	-4.2	6	7.6	-	57	123	12	7	17	10	-	-	-	-	-	-	-	-	-	-	-	
TROMBRIDGE ...			9 9	37		12.7	4.3	8.5	-	22.2	14	-2.9	3.4.6	8.4	-	47	-	17	23	16	9	1	0	0	0	0	0	0	0	0	0	0	0
UPVAYON ...			21-9	179		11.5	3.9	7.7	-	21.1	15	-2.4	6	-	-	49	102	13	23	20	12	5	0	0	0	0	0	0	0	0	0	0	0
BERKSHIRE																																	
EASTHAMPTON ...			9 9	77		12.0	3.2	7.6	-	21.5	15	-3.5	6	7.7	7.2	68	-	19	7	16	14	0	0	0	0	0	0	0	0	0	0	0	0
HURLEY ...			9 9	43		12.1	4.1	8.1	-	22.4	15	-2.4	4	7.6	-	66	147	7	7	19	14	2	0	0	0	0	0	0	0	0	0	0	0
LAMBOURN (WARREN FARM)			9 9	192		11.1	3.6	7.3	-	20.3	15	-1.7	6	7.3	-	47	-	12	23	18	11	0	0	0	0	0	0	0	0	0	0	0	0
READING ...			9 9	66		12.1	4.2	8.1	-	21.7	15	-2.1	3	7.9	7.2	69	-	13	23	17	14	1	0	0	0	0	0	0	0	0	0	0	0
SHINFIELD (N.I.R.D.) ...			9 9	52		12.4	4.1	8.3	-	22.2	15	-2.2	6	-	-	66	-	19	23	17	14	0	0	0	0	0	0	0	0	0	0	0	0
SURREY																																	
MICKLEHAM ...			9 9	55		- (3.0)	-	-	-	-	-	-2.7	7	7.6 (6.6)	104	-	43	7	14	12	1	0	1	1	2	1	9	-	-	-	-	-	-
WISLEY ...			9 9	32		12.7	4.2	8.5	-0.6	22.9	15	-2.2	6	8.3	7.9	77	182	33	7	16	11	1	0	0	0	0	0	0	0	0	0	0	0
KENT																																	
DOVER R.M.S. ...			9 9	123		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DUNGENESS ...			9 9	6		10.9	5.3	8.1	-	14.3	15	-1.7	5	-	-	48	(124)	9	25	(18)(10)	-	-	-	-	-	-	-	-	-	-	-	-	-
EAST MALLING ...			9 9	52		12.4	4.7	8.5	-0.2	22.0	15	-2.9	5	8.3	7.5	48	109	8	23	17	12	1	0	0	0	0	0	0	0	0	0	0	0
EDENBRIDGE ...			9 9	45		-	2.6	-	-	-	-	-3.5	5	-	-	58	-	11	23	17	12	-	-	-	-	-	-	-	-	-	-	-	-
ELSTON ...			9 9	5		12.8	3.8	8.3	-	20.4	15	-3.8	5	-	-	53	144	23	2	15	9	1	1	0	0	0	0	0	0	0	0	0	0
FAVERSHAM ...			9 9	48		12.1	4.6	8.3	-	20.2	14	-2.5	5	7.5	7.1	37	93	6	22	19	11	1	0	0	0	0	0	0	0	0	0	0	0
FOLKESTONE ...			9 9	31		11.5	4.7	8.1	-	19.7	14	-0.5	5	-	8.0	46	112	8	25	20	11	0	0	0	0	0	0	0	0	0	0	0	0
GILLINGHAM ...			9 9	3		12.6	4.9	8.7	-	20.0	14	-2.1	5	-	-	59	145	20	23	14	11	-	-	-	-	-	-	-	-	-	-	-	-
GOUDHURST ...			9 9	85		11.8	3.9	7.9	-0.4	22.4	15	-4.2	5	-	-	42	83	6	2	18	12	2	0	0	0	0	0	0	0	0	0	0	0
HARLOW COLLEGE ...			9 9	27		(12.7)	(3.7)	(8.2)	-	22.0	15	-3.1	5	8.0 (7.6)	53	-	(12)	23	(16)(12)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HERNE BAY ...			9 9	31		11.8	4.4	8.1	-	19.4	14	-1.0	5	8.0	-	65	-	30	2	18	11	0	0	0	0	0	0	0	0	0	0	0	0
HANSTON ...			21-9	44		11.6	4.3	7.9	-	18.9	15	-2.5	5	-	-	54	159	18	2	16	9	2	1	1	3	0	0	0	0	0	0	0	0
HARDATE ...			9 9	16		11.5	5.5	8.5	-0.5	18.2	10	0.6	3																				



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

APRIL 1979

DISTRICT REGION/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	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	
7A ENGLAND NW & I.O.M.																																
CUMBRIA																																
CARLISLE ...	21-9	26	10.5	3.5	7.0	-	16.7	14	-2.4	3	7.3	6.5	33	62	8	22	17	10	0	0	1	1	0	1	4	11	7	0	4.10	-	-	
CARTMEL ...	9-9	35	10.6	3.1	6.9	-	18.9	14	-3.6	6	-	-	72	-	14	22	17	13	0	0	0	0	2	0	5	9	5	0	0	4.83	-	-
ESKMEALS ...	9-9	8	10.3	3.6	6.9	-	20.1	14	-3.3	3	-	-	92	-	14	7	16	14	0	0	0	0	0	0	6	18	-	0	-	-	-	
GRIZEDALE ...	9-9	91	10.6	2.4	6.5	-	19.5	14	-4.0	3	5.7	7	68	65	15	22	20	13	2	0	0	2	0	0	6	18	-	0	-	-	-	
MOOR HOUSE ...	9-9	556	5.3	-0.4	2.5	-	12.4	14	-8.9	5	2.6	-	169	123	34	7	24	21	14	12	1	0	0	3	15	24	-	1	3.18	-	-	
NEWTON RIGG ...	9-9	171	9.5	3.0	6.3	-0.8	17.5	14	-3.4	5	6.5	-	64	110	15	10	19	15	5	0	0	1	0	1	4	11	-	0	2.98	63	5	
SELLAFIELD ...	9-9	13	10.1	4.4	7.3	-	19.5	14	-1.5	3	-	-	78	120	16	22	18	12	-	0	0	1	0	2	3	11	-	0	4.31	-	-	
LANCASHIRE																																
LAUGHTON ...	21-9	54	10.3	4.4	7.3	-	20.6	14	-1.0	3	7.5	6.8	49	-	16	7	16	10	1	0	0	0	1	0	2	8	7	0	5.19	-	-	
HAZELRIGG ...	9-9	95	10.0	3.9	6.9	-	18.3	14	-1.3	3	6.8	-	81	-	13	7	20	13	8	0	0	0	2	0	3	11	7	0	4.39	-	-	
HELSHORE ...	9-9	260	9.0	3.1	6.1	-	17.3	14	-2.7	3	5.8	-	90	95	15	22	21	16	2	1	0	1	0	0	4	8	-	0	-	-	-	
KIRKHAM ...	9-9	24	10.3	3.8	7.1	-	19.2	14	-3.5	3.4	-	-	60	103	11	7	17	12	0	0	0	0	0	1	3	-	-	0	-	-	-	
MORECAMBE ...	9-9	7	10.7	5.1	7.9	-0.4	19.8	14	-0.1	5.6	-	-	60	99	9	10	19	13	0	0	0	0	0	0	0	0	-	0	4.75	90	-	-
PRESTON ...	9-9	33	10.8	4.3	7.5	-	19.0	14	-2.0	3	-	-	59	94	9	7.22	19	12	0	0	1	1	1	0	3	9	-	0	-	-	-	
SLAIDBURN ...	9-9	192	9.7	2.5	6.1	-	17.0	14.15	-2.9	3	-	-	103	107	19	7	22	15	4	0	4	0	0	-	5	12	-	0	3.88	-	5	
SQUIRES GATE AIRPORT ...	21-9	10	10.4	4.1	7.3	-0.7	20.9	14	-3.9	3	-	-	62	118	12	7	19	13	1	0	0	1	1	1	4	9	6	0	5.35	93	-	-
MERSEYSIDE																																
ALBURN ...	9-9	12	10.9	5.2	8.1	-	20.1	14	-0.8	3	-	-	65	-	15	30	21	12	1	0	0	3	1	0	1	6	4	0	4.59	-	-	-
BIDSTON ...	9-9	60	9.9	4.9	7.4	-	19.6	14	0.5	3	-	-	64	140	10	23	17	11	2	0	3	0	2	1	0	-	-	0	5.36	-	-	-
ST HELENS ...	9-9	76	11.2	4.3	7.7	-	19.9	14	-1.4	3	8.1	-	61	-	14	7	22	13	0	0	0	0	0	-	4	-	-	0	4.84	-	-	-
SOUTHPORT ...	9-9	5	10.1	4.3	7.2	-1.0	20.5	14	-2.3	3	7.0	7.1	57	113	11	7	16	11	-	-	-	-	-	-	2	9	-	0	5.19	93	-	-
WEST KIRBY PARK ...	9-9	7	11.0	5.0	8.0	-0.7	20.0	14	0.4	5.6	-	-	79	169	15	23	20	13	-	0	-	-	-	-	0	0	-	-	-	-	-	-
GREATER MANCHESTER																																
BOLTON ...	9-9	107	10.3	3.5	6.9	-	19.0	14	-2.7	3	6.4	5.7	87	-	15	22	22	17	0	0	0	0	0	0	4	10	-	0	3.70	80	-	-
MANCHESTER																																
RINGWAY AIRPORT ...	21-9	75	10.9	4.5	7.7	-0.6	20.2	14	-3.8	3	-	-	48	90	7	10	21	15	2	0	1	2	1	1	2	9	6	0	3.62	76	-	-
WEATHER CENTRE (X)	21-9	69	11.2	5.3	8.3	-	20.9	14	-0.2	3	-	-	59	-	8	22	23	15	5	-	1	3	3	1	1	-	-	0	3.56	-	-	-
CHESHIRE																																
KNUTSFORD ...	9-9	65	11.4	3.8	7.6	-	20.6	14	-2.5	2	7.1	6.2	-	-	-	-	-	-	-	-	-	-	-	-	5	10	-	-	-	-	-	-
MACCLESFIELD ...	9-9	152	-	-	-	-	-	-	-	-	-	-	80	136	17	7	24	20	4	0	0	1	1	2	-	-	-	0	-	-	-	-
NESS GARDENS ...	9-9	30	10.7	4.2	7.5	-	20.5	14	-1.5	3	7.6	-	78	174	21	23	16	11	2	0	1	0	0	2	1	9	-	0	4.90	-	5	-
ISLE OF MAN																																
DOUGLAS ...	9-9	85	9.3	4.2	6.7	-1.0	15.7	14	-0.4	3	-	-	83	119	15	7	18	12	1	0	2	0	0	1	1	5	-	1	5.85	101	-	-
POINT OF AYRE ...	21-9	9	9.5	4.3	6.9	-1.5	13.9	13	-0.5	3	-	-	80	163	11	10	20	14	0	0	0	0	0	0	1	-	-	0	5.63	95	-	-
RONALDSWAY AIRPORT ...	21-9	16	9.5	4.2	6.9	-0.9	15.3	14	-1.7	3	-	-	67	126	13	7	18	12	5	0	0	4	1	2	3	9	4	0	5.88	103	-	-
7B WALES N																																
GWYNEDD																																
BALA ...	9-9	163	10.1	3.2	6.7	-	18.5	14	-3.4	3	7.0	6.5	59	72	14	9	19	9	1	1	1	2	0	1	6	10	8	0	4.06	-	-	-
BARDSEY ISLAND ...	21-9	15	9.1	5.3	7.2	-	15.5	14	1.2	3	-	-	70	134	13	9	16	12	2	0	0	0	1	1	0	4	-	0	-	-	-	-
BETHS-Y-COED ...	9-9	20	(11.4) (3.7) (7.5)	-	-	-	20.9	14	-2.5	7	7.5	-	70	-	12	12	22	13	0	0	0	0	0	0	7	8	-	0	-	-	-	-
BOTHMWD ...	9-9	34	12.0	3.9	7.9	-	18.8	14	0.0	6	7.9	8.0	65	101	14	9	16	11	2	0	1	0	0	0	0	5	-	0	5.07	-	-	-
CHWYSTRODLYN ...	9-9	204	9.4	3.9	6.7	-	19.0	14	-0.5	3	-	-	105	-	20	22	22	18	-	-	-	-	-	-	1	-	-	-	(4.83)	-	-	-
LLYN ALW ...	9-9	44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PEN-Y-FFRIDD ...	9-9	84	10.8	4.2	7.5	-	17.3	14	-1.2	3	-	-	57	82	12	9	20	11	3	0	0	1	1	1	4	13	-	1	5.20	-	-	-
TRANSFYNYDD ...	9-9	193	(10.0) (3.6) (6.8)	-	-	-	20.0	14	-1.4	3	-	-	90	83	18	9	21	18	-	0	-	-	-	-	-	-	-	-	-	-	-	-
VALLEY ...	21-9	10	10.3	4.9	7.6	-0.9	20.0	14	-0.6	3	-	-	47	90	15	9	16	12	0	0	0	2	1	1	1	9	4	1	5.70	96	-	-
CLYD																																
ALWEN ...	9-9	335	8.8	1.4	5.1	-	17.8	14	-5.8	3	-	-	79	96	14	8	22	17	-	-	-	-	-	3	7	13	-	-	-	-	-	-
BALCHWYN ...	9-9	386	8.0	2.1	5.1	-	17.0	14	-3.0	3	4.8	-	105	141	20	7	19	17	6	1	0	0	0	3	5	(11)	-	-	-	-	-	-
COLWYN BAY ...	9-9	18	9.9	4.8	7.3	-	19.8	14	-0.6	3	7.8	-	37	79	11	9	15	9	0	0	0	0	0	0	1	-	-	0	5.10	91	-	-
CORMEN ...	9-9	144	10.3	2.8	6.5	-	19.0	14	-3.8	3.4	-	-	88	132	23	8	22	14	7	0	5	0	2	2	8	12	-	0	-	-	-	-
HAWARDEN BRIDGE ...	9-9	5	11.4	4.8	8.1	-0.8	20.2	14	-2.9	3	-	-	72	163	17	23	19	16	3	0	1	2	1	1	1	-	-	0	-	-	-	-
LOGGERSHEADS ...	9-9	210	9.5	2.6	6.1	-	17.9	14	-3.6	3	6.1	5.5	88	151	19	7	22	14	4	3	0	0	1	1	6	9	-	0	4.48	-	5	-
PRESTATYN ...	9-9	4	10.2 (4.9) (7.5)	-	-	-	20.																									



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DISTRICT REGION/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	50 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY AMOUNT (MM)	DATE	0.2 MM OR MORE	1.0 MM OR MORE	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	
8A WALES S CONTINUED																																		
MID GLANORGAN	9 9	174	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ABERDARE FILTER STATION	9 9	174	(10.8)	(3.6)	(7.2)	-	20.5	15	-2.2	4	-	-	75	13	7	20	16	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CILFYNOOD	21-9	194	10.3	2.4	6.3	-	20.6	15	-3.7	4	-	-	111	104	16	7	23	17	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LLWYNON	9 9	241	10.3	2.4	6.3	-	20.6	15	-3.7	4	-	-	111	104	16	7	23	17	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PORTHCRAWL	9 9	6	11.3	5.3	8.3	-	16.0	14	-0.7	4.6	-	-	70	113	13	7	14	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH GLANORGAN	9 9	40	11.9	4.5	8.2	-	20.5	14	-1.6	4	8.8	7.6	69	-	10	22	18	16	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BRIDGEND	9 9	9	12.3	4.8	8.5	-	20.9	15	-1.8	6	9.3	8.0	60	-	13	9	17	12	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARDIFF (BUTE PARK)	9 9	9	12.3	4.8	8.5	-	20.9	15	-1.8	6	9.3	8.0	60	-	13	9	17	12	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RHOOSE AIRPORT	21-9	67	11.3	4.4	7.9	-	20.2	14	-1.5	3.6	-	-	55	-	9	9	19	14	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GWENT	9 9	245	11.0	3.7	7.3	-	19.8	14	-1.4	4	6.7	6.1	64	96	18	7	12	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRUMBLAND	9 9	21	12.8	3.7	8.3	-0.4	21.0	14	-3.0	4	8.7	-	68	105	17	7	14	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
USK	9 9	21	12.8	3.7	8.3	-0.4	21.0	14	-3.0	4	8.7	-	68	105	17	7	14	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8B ENGLAND SW																																		
AVON	9 9	118	11.6	4.3	7.9	-	21.5	15	-1.1	3	-	-	42	86	10	7	16	12	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BATH	9 9	59	12.0	4.7	8.3	-0.6	20.8	14	-2.3	6	-	-	38	78	16	7	18	11	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FILTON	21-9	51	12.2	4.5	8.3	-0.6	21.2	14	-2.3	3	8.3	-	41	76	13	7	18	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LONG ASHTON	9 9	51	12.2	4.5	8.3	-0.6	21.2	14	-2.3	3	8.3	-	41	76	13	7	18	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOMERSET	9 9	23	12.5	4.3	8.4	-	20.5	14	-2.2	3	8.6	-	61	-	8	9	16	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BRYNORE	9 9	101	11.8	4.4	8.1	-	20.0	15	-1.8	3	7.9	-	70	-	28	7	18	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CREMKERNE	9 9	103	11.3	3.6	7.5	-	20.0	14.15	-2.5	3	-	-	66	97	16	7	19	13	6	2	4	2	2	2	2	2	2	2	2	2	2	2	2	2
DOMNSIDE ABBEY	9 9	329	10.3	3.1	6.7	-	20.9	15	-1.8	5	-	-	92	-	10	7	22	17	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXTON	21-9	314	9.7	1.6	5.7	-	18.0	15	-4.6	6	-	-	95	100	17	22	21	17	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HAMKRIDGE	9 9	96	11.7	3.4	7.5	-	20.1	14	-2.9	3	8.7	-	80	-	15	7	18	16	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NETTLECOMBE	9 9	280	-	-	-	-	-	-	-	-	-	-	86	-	10	7	18	16	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NETTLECOMBE (BIRDS HILL)	9 9	40	12.0	4.7	8.3	-	20.7	14	-2.7	6	8.4	7.5	59	104	14	23	17	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RODNEY STONE	9 9	40	12.0	4.7	8.3	-	20.7	14	-2.7	6	8.4	7.5	59	104	14	23	17	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WINCANTON	9 9	113	12.1	3.0	7.5	-	20.3	14.15	-3.4	3	-	-	66	116	13	7	19	14	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEDWILTON	21-9	18	12.6	4.1	8.3	-	20.8	14	-2.9	3	-	-	60	120	23	7	16	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DORSET	9 9	10	12.2	4.4	8.3	-	19.2	15	-3.6	3.6	-	-	56	114	10	7	16	13	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0
BOURNEMOUTH	21-9	50	11.9	4.3	8.1	-	19.8	15	-3.2	6	8.1	7.3	61	-	9	7	15	15	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	
HURN AIRPORT	9 9	4	11.7	5.3	8.5	-	17.2	14	-2.4	6	-	-	55	118	0	9	16	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DORSET TECH COLLEGE	9 9	5	12.6	4.5	8.5	-0.8	22.0	15	-2.7	6	8.7	8.1	58	106	9	9	18	14	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
CHRISTCHURCH	9 9	5	12.6	4.5	8.5	-0.8	22.0	15	-2.7	6	8.7	8.1	58	106	9	9	18	14	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
POOLE	9 9	5	12.6	4.5	8.5	-0.8	22.0	15	-2.7	6	8.7	8.1	58	106	9	9	18	14	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
PORTLAND BILL (CONSTABLE)	21-9	53	(10.5)	5.5	(8.0)	(-0.7)	13.4	15.16	1.3	4	-	-	39	-	10	22	13	9	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
SARUM	9 9	11	11.2	5.3	8.3	-0.6	19.4	15	-1.1	3	-	-	47	97	8	9	16	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEYMOUTH	9 9	23	12.3	4.9	8.6	-	16.1	16	-1.5	3	-	-	40	-	6	7	16	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WIMBORNE	9 9	26	12.2	4.3	8.3	-	20.8	15	-2.9	6	-	-	54	109	13	7	17	12	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
DEVON	9 9	168	11.6	3.5	7.5	-	18.5	15	-2.9	4	7.7	-	64	-	11	22	22	14	2	0	4	0	2	-	-	5	11	-	0	4.69	-	5	-	
CHAMLEIGH	21-9	32	12.4	4.8	8.6	-0.4	21.3	15	-2.3	3	-	-	63	133	16	7	18	14	4	0	2	2	1	0	0	0	0	0	0	0	0	0	0	0
EXETER AIRPORT	9 9	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
EXMOUTH	9 9	93	9.4	6.1	7.7	-0.8	15.7	14	1.2	3	-	-	47	92	11	9	16	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HARTLAND POINT	21-9	165	11.2	3.0	7.5	-	20.2	15	-2.3	3	-	-	59	-	14	9	19	11	-	1	-	-	-	-	-	5	23	-	0	5.77	94	-	-	
HENTOCK	9 9	8	11.2	6.0	8.6	-	17.3	14	2.0	2.5	9.6	9.0	69	109	17	9	15	13	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ILFRACOMBE	9 9	143	10.6	3.7	7.1	-	18.9	14	-1.0	4.5.7	-	-	69	-	10	22	18	14	-	0	-	-	-											



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

APRIL 1979

DISTRICT REGION/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	0.2 MM OR MORE	1.0 MM OR MORE	5.0 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																																	
AGHANALLOO ...	99	18	9.9	3.4	6.7	-	15.5	16	-1.6	3	-	-	51	-	7	14	24	18	0	0	2	0	0	0	3	7	-	-	-	-	-	-	
BANAGHER (CAUGH HILL) ...	99	216	9.0	2.2	5.6	-	15.0	16.17	-1.6	3	-	-	110	-	13	9	26	25	5	0	2	1	0	0	1	5	17	-	0	3.84	-	-	
BOOM HALL ...	99	37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CARMONEY ...	99	73	9.5	3.4	6.5	-	15.0	16	-1.0	6	-	-	60	-	9	14	26	18	-	0	-	-	-	-	0	3	10	-	-	4.01	-	-	
COLERAINE UNIVERSITY ...	99	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
COOLKEERAGH ...	99	3	10.1	3.6	6.9	-	15.5	16	-2.1	7	-	-	48	-	8	14	14	14	-	-	-	-	-	-	2	17	-	-	-	-	-		
DERRYNOYD FOREST ...	99	88	10.0	2.8	6.4	-	15.5	16	-2.7	6	-	-	100	131	18	9	26	20	2	1	1	0	0	0	4	15	-	-	-	-	-		
GARRYMOHORE FOREST ...	99	88	9.6	2.5	6.1	-	15.7	16	-2.6	6	-	-	75	98	11	9	24	18	-	0	-	-	-	-	0	4	15	-	-	-	-		
LOUGHMORE FOREST ...	99	174	9.0	2.0	5.5	-	16.0	16	-5.9	6	-	-	96	128	12	8	24	22	7	1	5	0	0	2	8	14	1	-	1	-	-		
MONEYDIO ...	99	34	10.4	2.7	6.5	-1.3	15.9	16	-4.5	6	6.6	-	71	116	11	9	24	18	4	0	1	1	0	3	5	14	8	0	-	-	-		
TRADD POINT ...	99	16	10.2	3.1	6.7	-	15.4	17	-2.8	3	-	-	66	-	14	10	22	16	-	-	0	0	0	-	-	4	-	-	-	-	-		
ANTRIM																																	
ALDERGROVE AIRPORT ...	21-9	68	10.1	3.1	6.6	-1.3	15.7	17	-2.7	6	7.0	6.2	74	131	16	7	23	15	4	0	2	2	0	2	4	9	7	0	4.28	84	-	-	
ALTNAHINCH ...	99	213	8.1	2.1	5.1	-	15.2	17	-3.5	3	-	-	131	140	23	8	24	22	10	3	0	0	0	1	5	15	-	0	4.06	-	-		
BALLYLUNFORD ...	99	24	10.1	4.2	7.1	-	14.0	18.27	0.8	3.6	-	-	49	-	15	9	18	11	-	-	-	-	-	-	0	9	-	-	-	-	-		
BALLYPATRICK FOREST ...	99	152	8.7	2.5	5.6	-	15.7	17	-4.6	3	-	-	85	106	14	8	24	20	1	-	0	0	0	1	5	10	-	0	4.52	-	-		
CARNLOUGH ...	99	12	9.8	3.7	6.7	-	13.6	23	-1.1	6	-	-	92	-	17	8	22	18	0	-	0	0	0	1	3	-	-	-	-	-	-		
DIVIS MOUNTAIN ...	99	363	7.8	1.2	4.5	-	13.2	17	-4.8	3	-	-	105	139	15	9	22	22	7	-	0	0	0	1	-	9	-	-	-	-	-		
GREENMOUNT ...	99	38	10.0	3.3	6.7	-	15.3	17	-3.5	6	7.8	-	65	120	9	7.9	21	16	2	0	1	0	0	-	2	11	-	-	-	-	-		
HYDE PARK (MALLUSK) ...	99	140	9.6	2.6	6.1	-	14.3	17	-2.5	6	-	-	88	-	17	9	24	17	6	0	2	0	0	4	3	20	-	-	-	-	-		
KILROOT POWER STATION ...	99	12	10.3	4.1	7.2	-	13.9	16	-0.1	3	-	-	66	-	13	9	19	12	0	0	2	0	0	-	1	7	-	-	4.54	-	-		
LISNAFFILLAN ...	99	38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
LONTOWN ...	99	271	8.4	2.1	5.3	-	13.5	17	-2.5	2	4.9	-	133	148	18	23	25	20	3	0	0	0	0	3	5	21	-	2	4.14	-	-		
PARKMORE FOREST ...	99	235	8.4	1.4	4.9	-	14.9	17	-3.4	3	5.3	-	155	152	25	8	24	23	4	2	3	0	0	0	0	8	17	-	3	-	-		
WOODBURN NORTH ...	99	217	8.4	2.4	5.4	-	12.0	28	-2.0	6	-	-	97	128	17	9	22	17	4	0	0	0	0	4	3	17	-	-	-	-	-		
BELFAST																																	
ANDERSONSTOWN ...	99	64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
MALONE ...	99	35	10.1	3.7	6.9	-	14.6	16	-2.5	6	6.7	-	93	-	14	8	25	17	-	-	-	-	-	3	17	-	-	4.84	-	-	-		
MILLTOWN ...	99	37	11.2	3.5	7.3	-	16.0	16.23	-2.1	6	-	-	62	-	15	9	19	11	-	0	-	-	-	1	3	-	-	-	-	-	-		
MENTONHABEY ...	99	32	10.2	4.6	7.4	-	14.0	18	0.3	6	7.5	-	74	117	10	9	23	15	4	0	3	0	0	1	0	10	3	0	4.53	-	5		
ROSEBANK ...	99	47	10.5	3.6	7.1	-	16.6	16	-1.0	6	-	-	87	-	18	9	20	17	1	0	2	0	0	-	3	-	-	-	-	-	-		
ROSETTA ...	99	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SHAN'S BRIDGE ...	99	15	10.7	3.1	6.9	-	15.8	16	-3.8	6	-	-	104	-	19	8	25	16	4	0	5	0	1	-	5	-	-	-	-	-	-		
STORMONT CASTLE ...	99	56	9.9	2.9	6.4	-	14.1	16	-1.3	6	7.4	6.6	86	148	16	8	19	14	0	0	0	0	0	2	3	18	-	-	4.46	-	-		
DOWN																																	
BANGOR SEACOURT ...	99	15	9.8	4.4	7.1	-	13.4	16	1.0	2	7.6	7.1	56	-	11	9	21	13	2	0	2	1	2	1	0	4	2	1	5.11	-	-		
BALLYMALT PARK ...	-	11	-	-	-	-	-	-	-	-	-	-	68	148	13	8	20	16	-	-	-	-	-	-	-	-	-	-	5.31	-	-		
BALLYMATTICOCK ...	99	6	9.8	3.9	6.9	-	13.5	16	-0.4	3	6.9	6.5	71	144	14	9	21	13	0	0	3	0	0	1	3	6	4	0	4.98	-	-		
BRYANSFORD ...	99	85	11.0	3.8	7.4	-	14.8	15	-0.3	7	7.9	7.2	96	-	16	9	17	15	5	0	1	1	1	1	3	11	5	0	5.15	-	-		
DOWNPATRICK ...	99	26	10.8	3.7	7.3	-	14.6	18	-1.7	6	-	-	86	-	16	8	21	13	-	-	-	-	-	-	0	2	6	-	-	-	-		
HELENS BAY ...	99	43	10.4	4.2	7.3	-	14.5	18.28	0.0	6	-	-	64	121	11	9	23	13	3	0	0	4	0	1	0	8	-	1	4.77	-	-		
HILLSBOROUGH ...	99	116	9.3	2.8	6.1	-1.4	14.2	16.17	-2.0	6	6.2	-	97	177	21	8	23	18	1	0	1	0	1	0	2	17	-	0	4.50	93	-		
LONG KESH ...	21-9	37	10.2	3.3	6.7	-	15.3	16	-5.8	6	6.7	6.4	87	-	15	8	21	15	2	0	5	0	0	2	3	12	9	0	4.31	-	-		
LOUGH COMEY ...	99	10	10.0	3.3	6.7	-	14.0	18.20	-1.0	3.6	-	-	60	-	12	8	18	13	0	0	0	0	1	1	3	4	-	-	4.48	-	-		
MAGHERALLY ...	99	97	9.9	2.1	6.0	-	16.1	17	-4.4	6	-	-	86	-	23	8	21	14	7	0	3	4	0	-	7	14	-	-	-	-	-		
MURLUGH ...	99	9	11.1	2.9	7.0	-	14.8	17	-2.3	6	6.5	5.9	76	-	14	9	18	14	3	0	0	2	1	2	7	11	-	2	4.85	-	-		
MEWRY ...	99	1	10.8	3.9	7.3	-	15.4	16	-1.3	2	-	-	61	-	9	22	19	15	0	0	0	0	0	1	3	5	-	-	-	-	-		
SILENT VALLEY ...	99	129	9.4	3.5	6.5	-	14.2	14	-1.4	2	-	-	109	-	23	7	22	17	5	0	3	0	0	0	4	9	-	-	5.61	-	-		
ARMAGH																																	
ARMAGH ...	99	62	10.8	3.4	7.1	-1.2	16.9	17	-1.4	3	8.0	7.2	74	127	13	7	25	17	3	0	2	3	0	1	2	14	-	0	4.06	83	-		
LOUGHGALL ...	99	25	10.4	3.3	6.9	-	16.1	17	-1.7	3	-	-	61	115	11	7	24	17	1	0	0	0	0	2	2	18	-	0	4.55	-	-		
LURGAN ...	99	55	10.7	3.4	7.1	-	17.3	17	-3.0	6	7.4	6.5	69	135	16	7	22	17	1	-	2	0	0	-	3	16	-	-	4.34	-	-		
TANDRAGEE ...	99	43	11.2	3.0	7.1	-	16.6	16	-1.7	2	-	-	55	-	13	7	20	13	0	-	0	0	0	-	3	-	-	-	-	-	-		
TYRONE																																	
ALTAVEEDAN ...	99	175	9.0	1.9	5.5	-	15.6	15	-5.4	3	-	-	78	-	13	7	23	20	-	-	-	-	-	-	7	15	-	-	-	-	-		
CARRIGANS ...	21-9	113	10.2	3.0	6.6	-	16.7	16	-3.8	6	-	-	99	149	13	22	25	21	7	0	6	0	0	1	5	14	5	0	3.97	-	-		
COOKSTOWN ...	99	77																															



TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

APRIL 1979

DISTRICT, REGION/COUNTY AND PLACE	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 - 39 M	40 - 190 M	200 - 390 M	400 - 990 M	1000 - 1900 M	2000 - 3900 M	4 - 9 KM	10 - 19 KM	20 - 59 KM	40 KM 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																																										
FAIR ISLE	61	9	1010.3	-	5.4	0.8	7.9	87	6.1	0	4	2	17	6	1	0	0	0	1	3	6	10	3	6	2	8	14	6	0	5	2	7	5	1	4	4	2	3	2	3		
		15	1010.4	-	5.8	0.9	8.0	86	6.2	0	3	3	12	10	0	0	0	0	2	0	6	10	4	7	1	1	1	1	0	3	5	2	7	4	3	2	3	2	3			
		21	1010.5	-	4.9	0.6	7.8	90	6.7	0	2	3	15	10	0	0	0	0	2	2	6	9	4	5	1	1	1	1	0	3	4	2	7	4	3	2	3	2	3			
LERNICK	83	9	1010.1	-	3.9	0.7	7.3	89	7.1	1	0	2	9	17	1	0	0	1	0	0	0	1	2	6	8	9	3	0	3	13	12	2	2	4	4	1	4	4	4	4		
		15	1010.3	-0.7	5.2	1.2	7.4	83	6.4	0	1	6	14	9	0	0	0	0	1	4	5	7	9	4	0	4	20	6	0	0	3	4	6	5	3	2	1	4	4			
		21	1010.3	-	5.6	1.3	7.5	82	6.4	0	2	5	13	9	1	0	0	0	1	4	2	6	7	9	0	3	19	8	0	3	4	6	4	2	3	6	1	4	4			
ORKNEY		9	1010.4	-	4.0	0.7	7.3	89	6.6	0	2	5	12	11	0	0	0	0	0	1	4	12	6	3	0	0	17	11	2	2	2	6	2	3	4	2	1	5	3			
		15	1010.3	-	4.5	0.5	7.8	91	6.7	0	1	5	10	14	0	0	0	0	1	2	5	5	11	6	2	13	14	1	5	0	3	7	3	1	6	4	4					
		21	1010.7	-0.9	6.1	1.0	8.0	84	6.5	0	0	2	18	6	1	0	0	0	0	0	1	0	0	0	0	4	19	7	0	0	4	5	5	4	1	5	3	3				
KIRKWALL	26	9	1010.7	-	7.2	1.5	7.9	78	6.6	0	0	6	16	8	0	0	0	0	0	0	3	2	6	9	10	0	6	16	8	0	4	5	5	4	3	1	6	3	4			
		15	1010.7	-	7.2	1.5	7.9	78	6.6	0	0	6	16	8	0	0	0	0	0	0	3	2	6	9	10	0	6	16	8	0	4	5	5	4	3	1	6	3	4			
		21	1010.9	-	4.6	0.6	7.7	90	6.3	0	3	2	18	7	0	0	0	0	0	0	1	6	6	10	0	2	15	12	1	4	5	7	4	1	3	3	3	4				
WESTERN ISLES																																										
BENBECULA	7	9	1011.0	-	5.0	0.5	8.1	92	5.4	0	4	7	14	5	0	0	0	0	0	0	0	1	4	5	14	6	0	2	16	12	0	5	2	6	1	5	4	5	2	4		
		15	1011.3	-0.7	6.7	0.8	8.7	88	5.7	0	3	8	13	6	0	0	0	0	0	0	0	0	2	6	11	9	0	4	20	6	0	3	4	5	2	4	3	7	2	1		
		21	1011.3	-	5.6	0.6	8.3	90	5.5	0	8	2	11	8	1	0	0	0	1	0	1	2	10	10	6	0	3	15	11	1	8	4	5	1	2	3	5	1	5			
STORNOWAY	5	9	1010.7	-	4.7	0.4	8.1	94	5.6	1	7	2	9	11	0	0	0	0	0	0	0	2	9	17	2	0	1	10	18	1	3	2	6	0	3	3	6	6	1	6		
		15	1011.2	-0.5	6.4	0.8	8.5	88	6.0	0	2	8	13	7	0	0	0	0	0	0	0	1	3	7	17	2	0	1	14	15	0	5	6	3	2	4	2	5	1	0		
		21	1010.9	-	7.5	1.0	8.9	85	6.1	0	1	7	19	3	0	0	0	0	0	0	2	0	12	11	5	0	1	18	11	0	4	10	2	4	1	5	3	3	0	5		
HIGHLAND		9	1011.2	-	5.3	0.5	8.3	92	5.5	0	6	6	11	7	0	0	0	0	0	0	0	2	9	15	4	0	1	9	19	1	6	2	4	1	5	3	3	0	5			
		15	1010.8	-	4.6	0.3	8.2	96	6.4	0	2	9	4	13	2	0	1	1	0	0	0	0	4	17	7	1	4	10	13	2	3	3	8	0	2	6	2	4	2	4		
		21	1010.4	-	5.0	0.4	8.3	94	6.6	0	0	8	11	10	1	0	0	0	1	0	0	0	1	22	6	1	2	7	19	1	5	1	8	2	0	7	2	2	6	4		
DALCROSS	12	9	1010.3	-	5.9	0.6	8.5	91	6.6	0	0	7	13	8	2	0	1	1	0	0	0	0	1	21	6	0	3	8	18	1	4	3	6	1	0	7	2	4	2	4		
		15	1010.1	-	5.0	0.3	8.3	95	6.8	0	1	6	6	16	1	0	0	1	0	0	0	0	4	21	4	0	3	11	15	1	4	2	9	1	0	7	2	4	2	4		
		21	1010.6	-	6.2	1.0	8.0	85	6.8	0	0	3	19	7	1	0	0	1	0	0	1	3	4	16	5	0	0	13	17	0	4	3	2	1	3	8	5	4	2	4		
WICK	37	9	1011.0	-	8.1	1.7	8.4	78	6.8	0	0	6	15	9	0	0	0	0	0	1	0	3	4	14	8	0	1	19	10	0	5	9	1	0	1	5	7	2	4			
		15	1010.6	-	6.2	1.0	8.0	85	6.8	0	0	6	15	9	0	0	0	0	0	1	0	3	4	14	8	0	1	19	10	0	5	9	1	0	1	5	7	2	4			
		21	1010.5	-	4.2	0.6	7.5	90	6.3	0	2	4	13	10	1	0	0	1	0	0	1	4	6	14	4	0	1	17	12	0	3	1	4	5	2	3	5	7	2	4		
HICK	37	9	1010.0	-	6.0	1.2	7.8	83	6.8	0	0	2	23	4	1	0	0	1	0	1	5	6	10	6	0	2	19	9	0	4	1	5	4	3	1	7	5	4	4			
		15	1010.5	-1.4	7.2	1.6	7.8	77	6.6	0	1	3	22	4	0	0	0	0	0	2	0	3	5	10	10	0	3	21	6	0	6	3	3	6	2	1	5	4	4			
		21	1010.5	-	4.8	0.8	7.6	87	6.4	0	2	4	16	8	0	0	0	0	0	0	1	4	3	5	10	10	0	3	15	17	0	1	3	8	5	2	2	4	2	4		
1 SCOTLAND E GRAMPIAN																																										
DYCE	59	9	1010.1	-	4.0	0.6	7.4	91	6.5	0	3	4	7	16	0	0	0	0	0	2	5	5	12	1	0	0	7	20	3	2	4	4	1	5	2	4	5	5	5			
		15	1010.5	-2.3	6.1	1.2	7.7	82	6.5	0	1	6	15	8	0	0	0	0	2	1	2	5	7	2	11	0	1	12	15	2	3	3	3	2	3	1	4	5	8			
		21	1010.3	-	7.6	1.7	8.0	77	7.0	0	0	3	20	7	0	0	0	0	0	3	2	3	7	6	9	0	1	13	16	0	3	4	6	3	4	1	4	5	8			
FRASERBURGH	22	9	1010.5	-	5.3	0.8	7.8	87	6.8	0	2	3	12	12	1	0	0	1	0	1	5	7	5	6	5	0	7	19	4	3	0	6	3	2	1	6	5	5				
		15	1010.0	-	5.2	0.9	7.7	86	6.5	0	2	4	11	12	1	0	1	0	0	0	0	16	12	0	1	5	11	13	0	2	2	6	3	6	3	0	8	5	5			
		21	1010.5	-2.0	6.0	1.0	7.9	85	6.7	0	0	6	11	13	0	0	0	0	0	1	0	1	10	18	0	1	6	11	12	0	2	2	3	7	3	0	8	5	6			
KINLOSS	6	9	1010.3	-	6.9	1.3	8.1	82	6.7	0	0	6	11	13	0	0	0	1	0	0	2	9	18	0	0	2	16	12	0	3	1	9	2	2	2	5	6	8	5			
		15	1010.5	-	5.7	0.9	7.9	85	7.1	0	0	4	9	17	0	0	0	0	1	0	0	1	11	15	2	0	4	12	13	1	1	2	4	5	3	1	5	8				
		21	1010.6	-	4.6	0.9	7.4	86	6.3	0	3	5	9	13	0	0	0	0	0	1	9	5	12	3	0	0	11	19	0	1	1	6	1	2	9	7	3	4				
LOSSIEMOUTH	6	9	1011.3	-1.2	6.5	1.4	7.8	80	6.4	0	2	4	17	6	1	0	0	1	0	0	1	5	7	7	9	0	0	14	16	0	5	5	2	0	2	5	7	4	4			
		15	1010.9	-	8.3	2.2	7.7	71	6.7	0	1	3	18	8	0	0	0	0	1	1	4	4	10	10	0	1	16	13	0	7	6	2	0	4	5	7	4	4				
		21	1011.1	-	5.7	1.1	7.7	84	6.4	0	2	3	20	5	0	0	0	0	0	1	2	4	7	14	2	0	1	11	18	0	1	1	8	1	0	7	8	4	4			
LOSSIEMOUTH	6	9	1010.1	-	4.4	0.8	7.4	88	6.3	0	3	4	9	0	0	0	0	1	0	1	3	8	12	5	0	1	8	19	2	2	0	7	0	1	7	7	4	4				
		15	1010.6	-	6.5	1.2	7.9	82	6.6	0	1	3	20	6	0	0	0	0	1	2	4	7	4	12	0	1	15	14	0	5	2	5	1	1	3	5	7	4				
		21	1010.3	-	7.9	1.9	7.9	74	6.8	0	0	4	22	4	0	0	0	0	0	1	1	4	3	8	13	0	1	18	11	0	1	0	9	3	1	5	6	4				
TAYSIDE		9	1010.5	-	5.7	1.0	7.9																																			



TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

APRIL 1979

DISTRICT, REGION/COUNTY AND PLACE	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 - 39 M	40 - 190 M	200 - 390 M	400 - 990 M	1000 - 1900 M	2000 - 3900 M	4 - 9 KM	10 - 19 KM	20 - 39 KM	40 KM AND OVER	BEAUFORT FORCE														
									0	1 - 2	3 - 5	6 - 7	8	SKY OBSERVED											SPEED (KT)														
																									0 OR MORE														
																									0-5	6-7	8-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60		
NUMBER OF OBSERVATIONS																																							
6 SCOTLAND W -CONTO. DUNFRIES & GALLOWAY																																							
ESKDALEHUIR	237	3	1011.2	-	2.4	0.6	6.8	90	6.0	0	4	7	7	11	1	0	0	1	0	0	3	7	10	8	1	0	1	9	13	7	4	3	1	3	4	1	3	3	
		9	1011.4	-2.7	5.2	1.5	7.0	79	6.5	0	0	7	17	6	0	0	0	0	0	0	2	5	4	10	9	0	2	12	14	2	7	3	1	0	0	0	0		
		15	1010.5	-	7.6	2.2	7.7	73	6.9	0	0	4	16	10	0	0	0	0	0	0	1	3	9	8	9	0	1	16	13	0	6	5	1	3	5	1	7	2	
		21	1011.2	-	4.0	0.9	7.2	87	6.0	0	3	7	12	8	0	0	0	0	0	3	6	6	11	4	0	1	7	14	8	6	4	0	2	1	2	6	1		
MULL OF GALLOWAY	80	3	1011.0	-	4.9	0.3	8.3	95	5.2	0	11	1	3	13	2	0	2	1	1	0	0	3	5	12	6	0	7	16	7	0	8	4	6	3	0	3	5	1	
		9	1011.4	-	6.0	0.6	8.6	91	6.2	1	2	6	12	8	1	0	0	1	0	0	1	3	7	15	3	0	3	20	6	1	9	3	4	3	1	2	3	4	
		15	1011.0	-	8.0	1.2	8.9	84	6.6	0	2	5	11	10	2	0	0	0	0	0	3	6	15	3	0	6	12	12	0	9	0	2	2	3	7	2	3	3	
		21	1011.0	-	5.8	0.5	8.6	93	5.9	0	5	6	4	11	4	1	1	0	0	0	3	4	14	5	1	4	13	11	1	11	1	4	1	5	3	4	4		
2 ENGLAND E & NE NORTHUMBRIA																																							
BOULMER	27	3	1010.5	-	4.4	0.6	7.6	90	5.2	1	7	5	7	10	0	0	0	1	0	0	5	3	4	9	8	0	0	19	19	2	4	1	2	0	5	6	7	6	
		9	1010.9	-	6.7	1.2	8.1	82	6.2	0	3	4	17	6	0	0	0	1	0	0	2	7	3	8	9	0	0	19	11	0	2	4	3	2	0	5	9	7	
		15	1010.7	-	7.5	1.4	8.3	81	6.2	0	1	7	19	3	0	0	0	0	0	0	1	3	5	2	9	10	0	15	15	0	6	5	6	2	4	2	2	3	
		21	1010.8	-	5.6	0.7	8.1	89	6.0	0	4	6	8	12	0	0	0	0	0	2	3	4	8	10	3	0	7	22	1	3	1	4	0	6	3	9	5		
SEAHOUSES	12	9	1010.9	-	-	-	-	-	6.3	0	2	7	10	10	1	0	1	0	0	1	2	8	3	15	0	0	2	17	11	0	8	1	6	0	2	2	8	3	3
		15	1010.6	-	-	-	-	-	6.2	0	0	10	13	6	1	0	0	0	0	1	6	3	17	0	0	4	10	14	2	8	5	3	2	3	1	6	0	1	
		21	1010.7	-	-	-	-	-	5.7	0	6	6	8	10	0	0	0	1	0	0	2	4	9	13	1	0	2	9	18	1	8	0	6	4	4	6	0	1	
TYNE & WEAR																																							
NEWCASTLE WEATHER CENTRE (X)	72	3	1011.0	-	5.3	0.9	7.8	86	5.9	0	3	6	14	7	0	0	0	1	1	0	10	8	9	1	0	0	5	24	1	1	1	4	1	4	1	10	7	7	
		9	1011.4	-	6.9	1.5	7.8	78	6.5	0	1	5	12	11	1	0	0	1	0	0	3	6	7	7	6	0	0	12	18	0	6	4	2	1	2	3	8	4	
		15	1011.0	-	8.9	2.5	7.7	68	6.7	0	1	4	16	9	0	0	0	0	0	4	3	11	7	5	0	0	10	20	0	4	5	8	0	3	2	7	1	1	
		21	1011.3	-	6.4	1.2	8.0	82	6.0	1	2	6	12	9	0	0	0	0	0	2	11	10	5	2	0	0	6	24	0	5	3	4	2	4	2	9	1	1	
TYNEMOUTH	40	3	1010.8	-	5.2	0.9	7.6	86	5.1	3	4	7	8	7	1	0	0	1	0	2	1	5	10	11	0	0	1	11	16	2	3	1	3	0	6	1	11	3	
		9	1011.1	-3.2	6.3	1.4	7.6	80	6.1	1	2	8	6	12	1	0	1	0	2	1	7	10	9	0	0	2	16	12	0	10	2	3	1	3	1	9	1	3	
		15	1010.9	-	7.0	1.7	7.7	77	6.5	2	1	3	20	6	0	0	0	0	0	1	3	11	12	0	0	2	12	15	1	6	6	4	4	3	2	4	0	0	
		21	1011.1	-	6.2	1.3	7.7	81	5.7	1	3	7	8	11	0	0	0	0	0	1	4	18	7	0	0	2	10	16	2	4	0	5	0	7	2	7	3	3	
NORTH YORKSHIRE																																							
LEEMING	33	3	1010.9	-	5.1	0.9	7.6	86	5.3	2	6	3	10	9	0	0	0	1	0	3	7	2	9	8	0	0	8	22	0	4	1	1	3	3	2	8	8	8	
		9	1011.1	-3.7	7.3	1.6	7.9	77	6.3	0	3	3	15	9	0	0	0	0	1	1	3	6	5	7	7	0	16	14	0	10	2	1	2	2	3	4	6	6	
		15	1010.7	-	9.5	2.6	8.0	67	6.8	0	0	4	17	9	0	0	0	0	0	0	3	6	5	10	0	0	19	11	0	9	1	3	1	3	3	6	4	4	
		21	1011.2	-	6.5	1.1	8.1	83	5.4	0	8	2	11	9	0	0	0	0	0	1	9	10	3	7	0	0	8	21	1	4	2	2	4	3	7	5	3		
WHITBY C.O.	66	3	1010.7	-	5.6	0.7	8.1	89	5.5	2	8	1	4	15	0	0	0	0	2	1	6	7	12	2	0	3	15	10	2	1	1	0	3	7	3	6	7	7	
		9	1010.9	-	6.4	1.0	8.2	86	6.6	0	2	5	9	14	0	0	0	0	2	2	7	4	15	0	0	6	12	8	4	2	3	1	3	3	4	7	4	7	
		15	1010.9	-	7.7	1.4	8.6	81	6.5	0	2	4	12	12	0	0	0	0	2	0	6	6	15	1	0	7	8	10	5	3	1	1	7	2	3	1	7	1	
		21	1011.1	-	6.3	0.9	8.4	87	5.7	2	4	5	6	13	0	0	0	0	0	1	7	9	12	1	0	3	11	13	3	4	0	4	2	6	3	6	2	2	
HUMBERSIDE																																							
SPURN POINT	20	3	-	-	5.6	0.7	8.2	89	5.5	3	5	3	4	15	0	0	0	0	0	2	9	19	0	0	0	0	14	15	1	2	2	1	5	2	4	7	6	6	
		9	1011.1	-	6.9	1.2	8.3	82	5.8	1	1	8	13	7	0	0	0	0	3	5	5	16	1	0	0	3	20	8	2	7	0	3	4	2	4	7	1	1	
		15	1010.9	-	8.0	1.7	8.3	77	6.0	1	2	6	13	8	0	0	0	1	0	1	8	18	1	0	0	3	16	10	1	6	1	7	3	3	2	4	7	1	
		21	-	-	6.3	0.9	8.3	86	5.9	0	4	9	4	13	0	0	0	0	0	0	1	7	21	1	0	0	1	16	10	3	5	1	2	5	5	3	6	0	
LINCOLNSHIRE																																							
BINDROOK	112	3	1011.1	-	4.7	0.6	7.9	91	5.9	2	3	4	9	11	1	0	1	0	0	4	3	4	10	8	0	0	12	17	1	4	1	1	2	6	6	5	4	2	
		9	1011.4	-	7.0	1.2	8.4	83	6.2	1	2	3	19	5	0	0	0	0	1	0	4	9	5	8	3	0	0	17	13	0	7	0	4	1	4	8	4	2	
		15	1011.0	-	8.5	1.7	8.7	77	6.4	0	1	7	14	8	0	0	0	0	0	3	6	5	11	5	0	0	19	10	1	7	1	4	0	7	3	4	3		
		21	1011.5	-	5.7	0.8	8.1	88	5.7	1	3	8	7	11	0	0	0	0	1	1	4	6	5	12	1	0	14	14	2	7	1	2	3	5	4	6	0	0	
CONINGSBY	8	3	1010.8	-	5.2	0.7	7.9	88	5.8	3	2	6	9	10	0	0	0	1	0	4	15	4	4	2	0	0	6	24	0	3	0	5	2	2	5	6	7	4	
		9	1011.3	-	7.8	1.7	8.2	77	6.0	1	2	6	15	6	0	0	0	2	1	4	6	6	10	1	0	16	14	0	5	0	3	1	6	5	6	4	5	3	
		15	1010.8	-	10.0	2.7	8.3	67	6.6	0	1	5	17	7	0	0	0	0	0	1	6	9	12	2	0	0	20	10	0	6	0	5	2	5	3	3	6	3	
		21	1011.4	-	6.6	1.2	8.1	83	6.0	0	5	3	11	11	0	0	0	1	0	1	2	9	7	3	0	0	8	21											



TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

APRIL 1979

DISTRICT. REGION/COUNTY AND PLACE	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 PRESSURE (Hb)	RELATIVE HUMIDITY (%)	OKTAS					0 - 39 H	40 - 190 H	200 - 390 H	400 - 990 H	1000 - 1900 H	2000 - 3900 H	4 - 9 KM	10 - 19 KM	20 - 39 KM	40 KM AND OVER	BEAUFORT FORCE					N	NE	E	SE	S	SW	W	NW																				
									MEAN	0	1 - 2	3 - 5	6 - 7											8	SKY OBSCURED	0 - 39 H	40 - 190 H	200 - 390 H									400 - 990 H	1000 - 1900 H	2000 - 3900 H	4 - 9 KM	10 - 19 KM	20 - 39 KM	40 KM AND OVER	SPEED (KT)												
																																												34 OR MORE	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
NUMBER OF OBSERVATIONS																																																								
3 EAST ANGLIA -CONTD. BEDFORDSHIRE																																																								
CARDINGTON	30	3	1011.5	-	5.1	0.5	8.2	92	6.5	0	3	4	8	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	21	2	4	1	3	2	2	7	5	4																	
		9	1012.0	- 3.8	8.0	1.5	8.7	80	6.7	0	0	6	15	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	18	0	0	0	0	0	0	0	0																		
		15	1011.5	-	10.6	3.0	8.3	65	6.9	0	0	3	19	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	13	0	0	0	0	0	0	0	0																		
		21	1012.0	-	7.1	1.2	8.4	83	6.5	0	2	2	16	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	21	0	0	0	0	0	0	0	0																		
ESSEX																																																								
SHOEBURYNESSE	5	9	1012.1	- 3.9	8.5	1.6	8.7	77	6.3	1	0	8	13	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	16	0	0	0	0	0	0	0	0																		
		15	1011.6	-	10.5	2.7	8.6	67	6.5	0	1	4	19	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	14	0	0	0	0	0	0	0	0																		
		21	1012.0	-	7.6	1.3	8.6	81	6.1	0	4	6	11	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	20	0	6	1	4	3	6	4	2																		
STANSTED	102	3	1011.4	-	4.9	0.6	8.0	91	6.6	0	3	4	6	17	0	0	0	0	0	0	0	0	0	0	0	0	0	5	23	2	6	0	3	4	1	4	7	3																		
		9	1011.9	- 4.0	7.6	1.6	8.3	78	6.4	0	1	4	19	6	0	0	0	0	0	0	0	0	0	0	0	0	0	14	15	1	6	0	5	3	4	3	6	3																		
		15	1011.2	-	10.3	3.1	7.9	65	6.9	0	0	2	21	7	0	0	0	0	0	0	0	0	0	0	0	0	0	18	11	1	9	0	0	3	4	5	3	4																		
		21	1011.9	-	6.5	1.2	8.0	82	6.2	0	4	2	15	9	0	0	0	0	0	0	0	0	0	0	0	0	0	3	27	0	5	1	3	4	5	3	5	4																		
4 MIDLAND COUNTIES WEST YORKSHIRE																																																								
HUDDESFIELD	235	3	1011.1	-	4.1	0.8	7.2	86	6.9	0	0	3	12	14	1	0	1	2	1	0	5	7	8	6	0	1	1	4	22	2	7	0	0	2	4	4	5	6	0																	
		9	1011.9	-	5.9	1.2	7.8	83	7.1	0	0	5	6	17	2	1	0	0	3	0	3	9	7	7	0	0	1	7	19	3	9	1	1	2	2	6	2	8	4																	
		15	1011.1	-	8.5	2.2	7.9	71	6.6	0	0	3	18	9	0	0	1	0	0	0	4	5	7	13	0	0	0	8	22	0	5	1	2	2	2	8	4	0																		
		21	1011.5	-	5.5	1.0	7.8	85	6.1	1	1	8	7	13	0	0	0	0	2	1	2	4	6	15	0	1	1	3	19	6	6	0	2	0	3	4	6	3																		
WILSON	267	3	1011.2	-	3.5	0.6	7.2	90	5.3	0	4	11	4	8	3	0	2	0	1	0	3	12	12	0	0	0	0	8	18	4	2	2	3	1	1	0	15	2	4																	
		9	1011.4	-	5.2	1.1	7.4	85	6.6	0	1	4	14	8	3	0	2	1	2	2	9	8	5	0	0	1	13	13	3	4	3	1	4	2	0	4	4	4																		
		15	1010.7	-	7.7	2.1	7.6	75	6.4	0	0	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	1	13	16	0	5	1	4	1	2	3	13	1																		
		21	1011.5	-	4.7	0.8	7.5	87	5.4	0	8	4	7	11	0	0	0	0	0	0	0	0	0	0	0	0	1	13	16	0	5	1	4	2	2	1	10	3																		
SOUTH YORKSHIRE																																																								
FINNINGLEY	15	3	1011.2	-	5.4	0.7	8.1	89	6.5	1	1	4	11	13	0	0	0	0	2	0	3	9	8	5	3	0	0	5	22	3	3	1	1	2	1	2	8	9	5																	
		9	1011.6	- 3.6	7.8	1.5	8.4	79	6.5	0	3	3	12	12	0	0	0	0	0	2	3	7	5	9	4	0	0	13	17	0	7	1	4	2	4	4	4	5																		
		15	1010.9	-	10.3	2.6	8.6	68	6.5	0	1	6	14	9	0	0	0	0	0	0	2	4	8	12	4	0	0	16	14	0	5	2	4	2	2	4	7	4																		
		21	1011.6	-	6.7	1.1	8.3	84	6.3	1	2	4	13	10	0	0	0	0	0	1	3	6	8	11	1	0	0	6	22	2	5	1	4	3	3	1	8	3																		
NOTTINGHAMSHIRE																																																								
MATHALL	119	3	1011.4	-	5.1	0.7	7.9	89	5.7	1	4	5	10	10	0	0	0	0	1	0	6	7	7	9	0	0	0	4	23	3	4	2	2	1	1	6	5	6	3																	
		9	1011.9	- 3.4	7.2	1.3	8.3	81	7.0	0	1	2	12	15	0	0	0	0	1	2	4	5	6	11	0	0	0	7	22	1	6	2	3	0	3	0	3	6	3																	
		15	1011.1	-	9.8	2.5	8.4	69	7.1	0	0	0	21	9	0	0	0	0	0	0	1	7	11	11	0	0	0	11	18	1	5	1	3	3	3	7	5	2																		
		21	1011.8	-	6.5	1.1	8.3	84	5.5	0	6	6	9	9	0	0	0	0	0	1	1	2	10	7	9	0	0	0	3	26	1	5	5	0	1	6	1	10	1																	
SALOP																																																								
SHAWBURY	76	3	1011.6	-	5.1	0.7	8.0	89	5.7	1	3	6	12	8	0	0	0	0	1	3	2	6	5	13	0	0	1	4	24	1	0	0	7	2	2	5	6	7																		
		9	1011.9	- 3.6	7.3	1.2	8.6	83	6.1	2	0	7	13	8	0	0	1	0	3	1	9	2	12	2	0	0	0	14	16	0	4	2	5	0	5	4	7																			
		15	1011.3	-	10.2	2.7	8.4	67	6.3	0	0	6	17	7	0	0	0	0	0	0	1	6	5	13	5	0	1	15	14	0	6	2	3	3	1	5	4	7																		
		21	1011.9	-	6.6	1.1	8.4	85	5.6	0	6	6	10	8	0	0	0	0	0	1	3	8	3	11	4	0	0	9	21	0	8	3	4	1	2	3	5	4																		
WEST MIDLANDS																																																								
EDGBASTON	165	9	1011.9	- 3.9	7.2	1.9	7.5	73	6.4	0	1	6	18	5	0	0	0	0	1	1	5	7	9	6	1	0	0	8	20	2	5	3	2	2	3	5	3	5																		
		15	1011.1	-	9.6	3.0	7.5	63	6.8	0	0	1	20	9	0	0	0	0	0	1	1	8	13	7	0	0	0	12	17	1	6	2	3	2	4	6	6	0																		
		21	1011.9	-	6.6	1.1	8.4	85	5.6	0	6	6	10	8	0	0	0	0	0	0	0	0	0	0	0	0	0	9	21	0	8	3	4	1	2	3	5	4																		
ELDMON																																																								
		3	1011.7	-	5.4	1.0	7.7	85	5.7	0	4	6	12	8	0	0	0	0	1	2	4	4	10	8	1	0	0	4	23	3	3	1	4	4	1	2	7	5																		
		9	1012.0	- 3.7	7.5	1.7	7.9	76	6.2	0	3	2	20	4	1	0	0	2	0	2	7	10	10	0	0	0	0	14	14	2	3	2	2	5	2	1	6	7																		
		15	1011.3	-	10.1	3.1	7.7	63	6.7	0	0	5	18	7	0	0	0	0	0	0	1	5	18	4	2	0	0	15	15	0	5	2	3	2	3	4	8	5																		
		21	1012.0	-	6.9	1.5	7.9	78	5.7	0	4	4	18	4	0	0	0	0	0	1	0	9	12	8	0	0	0	10	18	2	3	2	4	3	4	5	4	5																		
GLOUCESTER																																																								
INNSWORTH	24	3	1011.7	-	5.8	1.0	8.0	85	5.9	1	4	2	14	8	1	0	1	0	0	0	1	11	11	5	1	0	0	5	18	7	2	1	1	4	6	6	1	2																		
		9	1012.1	-	8.2	1.8	8.3	76	6.1	0	2	5	18	5	0	0	0	0	1	1	2	6	7	9	4	0	0	7	23	0	6	0	3	4	3	5	4	3																		
		15	1011.2	-	11.1	3.3	8.0	61	6.7	0	0	5	18	7	0	0	0	0	0	0	1	4	9	9	7	0	0	8	22	0	6	1	2	4	3	3	6	3																		
		21	1012.0	-	7.8	1.8	8.0	75	5.6	0	5	4	17	4	0	0	0	0	0	1	0	7	8	7	7	0	0	4	25	1	5	1	3	2	4	6	5	3																		
OXFORDSHIRE																																																								
BENSON	74	3	1011.6	-	5.6	0.9	8.0	87	5.6	0	7	4	9	8	2	0	2	0	0	0	0	1	7	10	9	1	0	0	8	13	9	3	1	2	3	4	4	3	1																	
		9	1012.0	-	8.0	1.7	8.3	77	6.6	0	1	5	14	9	1	0	2	0	1	0	2	4	6	12	3	0	0	13	13	4	4	1	2	3	5	4	8	0																		
		15	1011.2	-	11.2	3.4	7.9	60	6.6																																															



TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

APRIL 1979

DISTRICT, REGION/COUNTY AND PLACE	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 C)	VAPOUR PRESSURE (Hb)	RELATIVE HUMIDITY (%)	OKTAS						0 - 39 M	40 - 190 M	200 - 390 M	400 - 990 M	1000 - 1900 M	2000 - 3900 M	4 - 9 KM	10 - 19 KM	20 - 39 KM	40 KM AND OVER	BEAUFORT FORCE						N	NE	E	SE	S	SW	W	NW																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
										0	1 - 2	3 - 5	6 - 7	8	SKY OBSERVED											10 - 19	20 - 29	30 - 39	40 - 49	50 - 59	60 - 69									70 - 79	80 - 89	90 - 99																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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5 ENGLAND SE & CENT. S.			-CONTD.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													



APRIL 1979

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

DISTRICT, REGION/COUNTY AND PLACE	HEIGHT OF BAROMETER ABOVE MSL (FEET)	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)	WIND PRESSURE (MB)	RELATIVE HUMIDITY (%)	OKTAS					0 - 39 H	40 - 190 H	200 - 390 H	400 - 590 H	1000 - 1900 H	2000 - 3900 H	4 - 9 KM	10 - 19 KM	20 - 39 KM	40 KM 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									CALM					
																																						NUMBER OF OBSERVATIONS				
8A WALES S -CONTO. SOUTH GLANBOROGRN																																										
RHODSE	69	3	1011.7	-	5.6	0.7	8.3	90	6.0	0	3	8	9	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
		9	1012.0	-4.2	8.0	1.5	8.7	80	5.7	0	0	5	15	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
		15	1011.4	-	10.3	2.6	8.5	69	6.1	0	1	7	16	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
		21	1012.0	-	7.1	1.2	8.4	83	5.4	1	5	6	12	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
8B ENGLAND SM AYON																																										
FILTON	61	3	1011.7	-	6.0	0.7	8.5	89	5.9	1	3	6	13	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
		9	1012.2	-4.1	8.1	1.4	8.9	82	6.2	1	1	5	17	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
		15	1011.4	-	10.8	2.6	9.0	70	6.1	0	1	9	15	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
		21	1012.1	-	7.7	1.4	8.5	81	5.8	0	5	5	15	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
SOMERSET																																										
EXTON	-	9	-	-	6.4	0.9	8.4	87	5.7	0	3	8	9	8	2	0	0	0	0	2	1	2	14	2	6	3	0	0	0	8	20	2	8	3	1	1	1					
		15	-	-	8.9	2.1	8.4	75	6.1	0	2	7	12	6	3	0	0	0	0	6	4	12	5	0	6	4	0	0	6	25	1	7	1	1	1							
		21	-	-	5.3	0.7	8.1	90	5.9	1	4	3	11	8	3	0	0	0	0	2	3	6	10	6	0	0	0	0	5	25	0	9	0	3	1	1						
		21	-	-	5.3	0.7	8.1	90	5.9	1	4	3	11	8	3	0	0	0	0	2	3	6	10	6	0	0	0	0	5	25	0	9	0	3	1	1						
YEOVILTON	23	3	1011.9	-	5.7	0.8	8.2	88	5.7	1	5	4	8	10	2	0	0	0	0	3	0	10	13	2	0	0	0	1	5	13	11	1	0	1	4	1	2					
		9	1012.3	-	8.1	1.6	8.6	78	6.5	1	0	4	18	5	2	0	0	0	0	1	2	10	12	3	0	0	2	13	9	6	4	0	1	2	5	3						
		15	1011.5	-	11.6	3.4	8.2	60	6.0	0	1	10	14	5	0	0	0	0	0	0	1	2	11	14	0	0	2	15	12	0	1	7	1	1	2	5	4					
		21	1012.4	-	7.7	1.5	8.5	80	5.0	1	5	8	10	6	0	0	0	0	0	0	2	6	11	11	0	0	0	0	8	17	5	3	1	1	1	2	9					
DORSET																																										
HURN	11	3	1012.1	-	5.5	0.6	8.4	91	5.5	4	2	5	11	7	1	0	0	0	0	1	2	2	8	16	0	0	0	6	20	4	4	1	2	3	2	2	9	3				
		9	1012.5	-	8.4	1.5	8.9	81	5.6	2	1	7	14	6	0	0	0	0	0	1	5	12	10	1	0	0	0	13	16	1	6	4	1	3	2	5	5					
		15	1012.0	-	10.6	2.4	9.0	71	6.3	0	1	6	17	6	0	0	0	0	0	0	10	3	16	1	0	0	0	15	0	6	0	1	7	4	5	4						
		21	1012.5	-	7.6	1.1	8.9	85	5.2	2	6	5	12	5	0	0	0	0	0	0	2	3	11	14	0	0	0	7	19	4	3	3	1	2	3	3	7					
PORTLAND BILL.C.O.	54	3	1012.1	-	6.8	0.6	9.1	91	5.7	1	5	6	13	0	0	0	0	0	0	0	4	22	4	0	0	0	3	16	9	2	4	0	5	0	0	11	5					
		9	1012.5	-	7.8	0.9	9.3	87	5.9	3	0	8	9	10	0	0	0	0	0	1	3	9	13	4	0	0	2	20	8	0	7	2	4	1	4	6	2					
		15	1012.1	-	9.3	1.3	9.7	85	5.5	2	5	3	12	7	1	0	0	0	0	1	2	1	5	14	6	1	0	3	15	12	0	1	1	2	3	5	2					
		21	1012.5	-	7.6	0.9	9.1	87	4.9	2	4	9	8	7	0	0	0	0	0	0	1	1	8	16	3	1	0	2	16	11	1	4	1	3	1	2	7					
DEVON																																										
EXETER	38	3	1012.3	-	6.2	0.7	8.6	90	4.8	2	8	4	9	6	1	0	0	0	0	0	5	10	10	4	0	0	0	7	21	2	2	2	3	5	3	1	9	3				
		9	1012.5	-3.9	8.4	1.3	9.3	85	5.9	2	2	4	17	5	0	0	0	0	0	0	1	4	7	11	6	0	0	11	18	1	3	2	2	5	3	0	7					
		15	1012.0	-	11.3	2.7	9.2	68	6.2	0	0	10	15	5	0	0	0	0	0	0	0	2	9	8	11	0	0	3	17	10	0	2	2	1	7	3	0					
		21	1012.8	-	7.7	1.1	9.1	85	5.0	0	7	8	10	5	0	0	0	0	0	0	1	0	4	8	6	11	0	0	10	20	0	1	2	3	2	4	1					
HARTLAND POINT	93	3	1011.7	-	7.0	0.7	9.0	89	5.3	3	2	9	8	0	0	0	0	0	0	0	0	12	7	0	3	8	18	1	7	2	2	3	3	2	3	6	4					
		9	-	-	7.6	0.9	9.1	87	6.1	2	1	6	10	10	1	0	0	0	0	0	0	12	10	3	4	10	14	2	5	2	3	3	2	2	3	5	6					
		15	1012.0	-	8.6	1.4	9.1	81	5.7	0	3	9	13	5	0	0	0	0	0	0	0	12	11	5	0	2	9	13	6	2	1	0	1	2	3	9	4					
		21	1012.3	-	7.4	0.9	9.0	87	5.3	0	5	8	11	4	2	0	0	0	0	0	0	1	7	11	9	0	5	10	11	4	6	1	0	4	1	3	7					
MOUNT BATTEN	28	3	1012.3	-	7.0	0.8	9.0	89	5.4	3	1	10	9	7	0	0	0	0	0	0	1	8	12	9	0	0	1	6	21	2	5	2	2	2	2	1	7	4				
		9	1012.6	-3.8	8.9	1.4	9.4	82	6.0	0	2	7	15	6	0	0	0	0	0	0	0	5	4	11	10	0	0	2	16	12	0	2	0	2	1	8	6					
		15	1012.4	-	10.9	2.2	9.5	73	6.0	0	4	5	13	8	0	0	0	0	0	0	0	0	6	4	11	0	0	2	12	17	0	2	2	5	0	4	2					
		21	1013.0	-	8.0	1.1	9.1	84	5.0	0	8	6	9	7	0	0	0	0	0	0	0	0	1	6	12	10	1	0	1	12	17	0	2	2	5	0	4					
PRAWLE POINT	-	3	-	-	-	-	-	-	-	5	1	2	7	4	6	10	1	0	0	0	1	0	0	4	10	15	0	1	6	18	5	0	3	3	0	3	1	13				
		9	-	-	-	-	-	-	-	-	5	7	0	4	7	13	6	0	0	0	0	0	6	9	14	0	1	4	18	7	0	3	4	1	1	5	0					
		15	-	-	-	-	-	-	-	-	5	8	0	3	6	15	6	0	0	0	0	0	3	12	13	1	0	9	12	8	1	1	2	3	2	6	2					
		21	-	-	-	-	-	-	-	-	4	6	7	12	6	5	0	0	0	0	0	0	0	7	14	8	1	1	6	15	8	0	4	3	1	2	3	15				
CORNWALL																																										
CAMBORNE	88	3	1012.5	-	6.8	0.6	9.2	91	5.6	2	3	7	9	9	0	0	0	0	0	1	2	3	9	12	1	0	0	14	14	2	6	1	1	2	3	2	4	9				
		9	1012.8	-	8.2	1.2	9.1	83	6.4	0	1	6	13	9	1	0	0	0	0	0	1	2	7	8	10	1	0	1	16	13	0	6	0	1	2	1	4					
		15	1012.8	-	9.5	1.7	9.2	77	6.0	0	2	8	12	8	0	0	0	0	0	0	1	2	4	7	10	6	0	3	15	12	0	8	0	1	0	2	5					
		21	1013.1	-	7.3	0.9	9.1	87	5.3	1	5	4	14	6	0	0	0	0	0	0	1	1	0	4	10	11	3	0	1	15	13	1	6	2	2	1	3					
CULDOSE	84	3	1012.6	-	6.8	0.5	9.2	92	5.7	2	3	5	8	11	1	0	0	0	0	0	1	0	8	10	10	0	0	11	18	1	8	3	0	0	3	5	7					
		9	1012.9	-	8.5	1.1	9.5	85	6.1	0	3	6	11	10	0	0	0	0	0	0	0	2	8	11	0	0	1	14														



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

APRIL 1979

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	3	27	0	0	0	0	0	0	0	0	0	1	25	4	0	0	0	0	0
LERWICK (SCREEN)	0	3	27	0	0	0	0	0	0	0	0	0	1	25	4	0	0	0	0	0
STORNOWAY	0	0	22	8	0	0	0	0	0	0	0	0	3	19	8	0	0	0	0	0
CRAIBSTONE	0	3	15	12	0	0	0	0	0	0	0	0	5	22	3	0	0	0	0	0
ROTHESAY	0	0	18	12	0	0	0	0	0	0	0	0	2	19	9	0	0	0	0	0
ABBOTSINCH	0	0	11	17	2	0	0	0	0	0	0	0	5	16	9	0	0	0	0	0
ESKDALEMUIR (PSYCHROMETER)	0	6	11	12	1	0	0	0	0	0	0	1	10	16	3	0	0	0	0	0
ESKDALEMUIR (SCREEN)	0	5	10	14	1	0	0	0	0	0	0	1	9	15	5	0	0	0	0	0
DOUGLAS	0	1	17	11	1	0	0	0	0	0	0	0	1	16	13	0	0	0	0	0
BOULMER	0	4	15	11	0	0	0	0	0	0	0	2	24	4	0	0	0	0	0	0
HULL	0	0	10	15	5	0	0	0	0	0	0	1	16	13	0	0	0	0	0	0
DORLESTON	0	0	13	15	2	0	0	0	0	0	0	0	17	13	0	0	0	0	0	0

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
CAMBRIDGE BOTANIC GARDENS	0	0	10	15	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EDOBASTON	0	0	11	16	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KEM (PSYCHROMETER)	0	0	8	17	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KEM (NORTH-WALL SCREEN)	0	0	8	16	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HASTINGS	0	0	9	17	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHAMPTON	0	0	6	19	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RINOWAY	0	0	11	17	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VALLEY	0	0	13	16	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RHOOSE	0	0	8	20	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FALMOUTH	0	0	9	19	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ALDERGROVE	0	1	12	16	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARMAGH	0	2	10	16	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 6 SUMMARY OF AUTOGRAPHIC RECORDS OF WIND

APRIL 1979

DISTRICT REGION/COUNTY AND PLACE		HEIGHT OF VANE IN METRES  ABOVE MSL ABOVE GROUND EFFECTIVE		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 VALUES					
																	HOURLY WIND				DUST	
				DATES OF OCCURRENCE					NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS		HOURS OF NO RECORD	MEAN HOURLY WIND SPEED (KT)	VEER FROM N	SPEED-KT	DAY	HOUR BEGINNING	VEER FROM N	SPEED-KT	DAY	TIME
0 SCOTLAND N																						
SHETLAND LERNICK		93	10	10			0	8	66	415	205	34	0	13.0	300	33	30	01	300	56	30	0112
ORKNEY KIRKWALL AIRPORT		41	15	10	29	30	4	8	78	392	213	33	0	13.2	320	34	30	03	260	57	29	1312
WESTERN ISLES BENBECULA		16	10	10	29		3	10	98	393	202	24	0	14.1	330	35	29	17	340	59	29	1806
HIGHLAND STORNOWAY		12	10	10			0	6	39	341	271	69	0	11.2	330	29	29	21	350	45	29	2348
DALCROSS		19	10	10			0	3	7	293	325	95	0	9.6	220	24	19	10	290	41	29	1718
DOUNREAY		34	12	9			0	6	33	317	257	113	0	10.6	320	31	29	23	280	46	29	1454
DUIRINISH		38	20	17			0	7	32	362	232	93	1	11.0	300	30	29	18	310	50	29	1806
FORT AUGUSTUS		58	16	16			0	0	0	118	302	300	0	5.5	230	17	13	13	230	33	13	1312
WICK		45	10	10			0	5	36	405	258	21	0	12.4	270	32	29	14	280	49	29	1518
1 SCOTLAND E																						
GRAMPIAN ABERDEEN.DYCE AIRPORT		68	10	10			0	2	13	239	353	115	0	9.1	310	28	30	10	310	45	30	1242
FRASERBURGH		29	13	11	29	30	13	12	92	310	260	45	0	13.2	300	41	30	01	300	56	30	0118
KINLOSS		18	13	13			0	3	23	346	285	66	0	10.7	290	28	29	18	300	44	30	1106
LOSSIEMOUTH		17	10	10			0	3	28	324	277	91	0	10.5	310	31	30	05	300	51	29	1654
TAYSIDE BELL ROCK		39	40	38	29		1	10	89	429	144	57	0	13.7	290	34	29	19	330	50	29	2024
MYLNEFIELD		40	10	10			0	1	1	163	377	163	16	7.6	280	22	29	18	280	42	29	1830
TUMMEL BRIDGE		161	16	16			0	1	2	137	315	266	0	6.2	290	23	29	17	290	41	29	1648
FIFE LEUCHARS		25	13	13			0	5	18	359	282	61	0	10.9	280	31	29	19	280	45	29	1942
LOTHIAN EDINBURGH																						
TURNHOUSE AIRPORT		43	13	10			0	2	11	300	306	103	0	9.7	270	26	29	12	260	40	29	1548
ROYAL OBSERVATORY																						
BLACKFORD HILL		159	10	10																		
FORTH ROAD BRIDGE		72	72	8	29	30	18	21	203	277	148	43	31	17.1	230	49	29	22	220	62	29	2142
6 SCOTLAND W																						
STRATHCLYDE ABBOTSINCH AIRPORT		16	10	10			0	5	13	309	287	111	0	9.6	080	26	8	10	320	48	29	1954
ARDROSSAN		24	20		29		1	12	84	387	188	60	0	13.3	290	36	29	19	300	54	29	1936
DUNSTAFFNAGE		13	10	10																		
GREENOCK PORT		51	49				0	4	28	308	249	122	13	10.3	310	29	29	19	310	50	29	1942
INCHTERF		55	15	12			0	2	15	307	273	103	22	9.9	070	29	8	11	070	41	8	1106
LONTHER HILL		754	27																			
MACHRIHANISH		22	12	12	29		3	10	72	352	214	79	0	12.6	300	35	29	19	080	52	8	1212
PAISLEY		57	25	9			0	0	0	171	352	179	18	7.1	310	20	29	19	320	48	29	1948
PRESTWICK AIRPORT		21	10	10			0	5	30	345	253	92	0	11.0	080	30	8	11	090	46	8	1212
TIREE		24	16	12			0	8	50	432	200	38	0	12.9	320	31	29	19	330	48	29	2024
DUMFRIES AND GALLOWAY CHAPELCROSS		64	15	15			0	0	0	235	345	113	27	8.5	080	21	8	12	080	34	8	1554
ESKDALEMUIR		259	10	10			0	5	30	253	295	142	0	9.4	290	31	29	20	290	57	29	2012
WEST FREUGH		25	10	10			0	5	15	341	277	86	1	10.5	310	26	29	22	320	45	29	2242
2 ENGLAND E & NE																						
NORTHUMBERLAND BLYTH		19	10	10			0	5	24	336	302	53	5	10.8	330	24	29	23	330	47	29	2312
BOULMER		33	10	10			0	1	8	261	367	84	0	9.2	280	24	29	21	300	49	29	2148
TYNE AND WEAR SOUTH SHIELDS		22	17	13			0	2	3	249	284	184	0	8.2	340	27	29	23	340	40	29	2318
CLEVELAND SOUTH GARE		28	20	20	29		2	12	85	365	222	44	2	13.3	280	36	29	21	290	58	29	2154
DURHAM DURHAM		119	16	10			0	1	3	198	336	157	26	7.7	290	26	29	21	290	48	29	2124
NORTH YORKSHIRE LEEMING		42	10	10			0	1	1	281	339	99	0	9.0	300	25	29	22	310	41	29	2212
LINTON-ON-OUSE		23	9	10			0	2	3	238	361	113	5	8.7	290	24	29	23	300	42	29	2306
SILPHO MOOR		207	15	9			0	0	0	60	352	308	0	4.9	290	17	29	22	330	43	30	0018
HUMBERSIDE SPURN POINT							0	6	24	416	232	40	8	12.3	270	28	29	21	270	47	30	0000
LINCOLNSHIRE BINBROOK		118	10	10			0	2	9	356	275	80	0	10.3	280	28	29	21	280	41	29	2118
CONINGSBY		16	10	10			0	1	1	261	356	102	0	8.9	270	22	29	22	270	37	29	2230
CRANWELL		68	13	13			0	5	10	382	273	55	0	10.9	270	24	29	15	210	43	12	1730
SCAMPTON		68	10	10			0	1	1	271	347	101	0	8.9	270	23	29	21	280	37	30	0000
WADDINGTON		80	10	10			0	1	2	279	350	89	0	9.1	270	23	29	21	280	43	29	2154
3 EAST ANGLIA																						
NORFOLK COLTISHALL		27	10	10			0	2	4	296	316	104	0	9.2	310	23	30	02	240	40	12	1630
GORLESTON		16	13	13			0	2	13	267	394	46	0	9.8	170	29	12	14	160	39	12	1354
HEMSBY		26	13	13			0	0	0	362	297	61	0	10.3	350	21	17	00	270	39	30	0136
NORFOLK MARHAM		29	10	10			0	2	6	371	243	100	0	10.5	310	25	30	01	230	56	12	1530
CAMBRIDGESHIRE WITTERING		87	10	10			0	0	0	330	290	100	0	9.5	290	21	30	00	340	40	25	1600
SUFFOLK MYTON		45	10	10			0	1	1	300	311	108	0	9.0	200	22	12	14	200	41	12	1448
HONINGTON		60	13	13			0	2	5	334	303	78	0	10.0	150	24	12	11	240	41	12	1548



[illegible]



(X) URBAN ROOFTOP SITE



# MONTHLY WEATHER REPORT

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

## Mostly cool and unsettled, with snow at first.

A deepening depression moved eastwards across southern parts of the British Isles on the 1st, whilst a large depression was almost stationary over the Norwegian Sea. A north-westerly airstream then became established and persisted until the 6th when a shallow depression moved towards Scotland from the north-west. The associated frontal system crossed northern and central districts before returning northwards on the 10th and 11th as pressure rose over Biscay.

Between the 12th and 14th all areas remained under the influence of an anticyclone, but as this moved slowly eastwards into Europe, fronts gradually encroached from the north-west. During the remainder of the month, complex low-pressure systems dominated the weather, except for very brief interludes as ridges moved across the British Isles on the 19th and 31st.

### Weather

The month started with a very cold unsettled spell which lasted into the second week. There were showers or longer periods of snow, sleet and rain at times in all areas and widespread night frosts occurred. This spell was followed by a period of much warmer and drier weather in most parts of the United Kingdom between the 11th and 16th although coastal fog was persistent in southern and western districts of England and Wales. The remainder of the month was changeable with further showers or periods of rain at times. Thunderstorms affected many areas during this period and were occasionally accompanied by heavy rain and hail.

### Wind

Between the 1st and 5th winds were mostly fresh or strong north-westerly, reaching gale force on exposed coasts in south-western England and the Channel Isles on the 1st. From the 6th to 16th the wind was generally lighter, and from between south-west and south-east, although on the 13th and 14th gales occurred in coastal areas of north and west Scotland. During the 17th and 18th a fresh to strong northerly wind developed over Scotland whilst England and Wales had lighter south-westerlies. From the 19th onwards winds blew from directions mainly between south and west over England and Wales but were more variable in direction over Scotland and Northern Ireland. Wind speeds were sometimes fresh or strong and occasionally reached gale force in some coastal areas.

### Temperature

Monthly mean temperatures were below average almost everywhere. Values ranged from more than 2 °C below normal in western Scotland, Northern Ireland, the Isle of Man, Wales and much of south-western England, to between 0 and 1 °C below normal over parts of eastern Scotland and England east of a line from Newcastle to Brighton.

The first week of the month was cold with day-time temperatures well below normal in most districts and with widespread night frosts. On the 4th the temperature fell to -7.1 °C at Eskdalemuir, the lowest in May since records began at the Observatory in 1910. The cold weather continued into the second week with further night frosts, especially in parts of Scotland. After the 10th, temperatures began to

rise and the next few days became very warm away from southern and western coastal districts. On the 13th a maximum of 25.0 °C was recorded at Fyvie Castle (Grampian Region) and on the 14th and 15th maxima over 27 °C occurred in a number of places in eastern and southern England. Cooler weather spread to all areas during the 16th and apart from a warmer spell in the east of the British Isles during the last few days, the remainder of the month was generally cool.

### Rainfall

Rainfall was well above average over much of the United Kingdom. The only areas with less than normal were parts of western Scotland, some eastern districts of Northern Ireland and parts of north-western England and the Isle of Man. All remaining areas had more than their normal rainfall for the month with values exceeding 200 per cent of the average over parts of North and mid Wales and in a broad belt extending from Tyne and Wear to Dorset. In the latter area some places recorded more than three times the normal for May.

During the first ten days of the month there were showers or longer periods of rain, sleet or snow in all districts with scattered thunderstorms. After an area of rain, heavy in southern and western parts of Wales, had crossed the British Isles between the 10th and 12th, there followed a few days of mostly dry weather. Changeable weather returned to all areas between the 15th and 17th and the rest of the month remained unsettled with further showers or longer periods of rain at times. Thunderstorms occurred in many places and on the 30th heavy rain and thunderstorms affected parts of south-western and southern England leading to extensive flooding; at Beaminster (Dorset) 61.0 mm of rain fell in 5½ hours from 0800 GMT and later the same day at Wokingham (Berkshire) 40.4 mm fell in 50 minutes from 1650 GMT.

### Snow

Showers and occasionally longer periods of snow and sleet occurred in all parts of the United Kingdom between the 1st and 9th, snow showers occurring as

far south as the Channel Isles on the 2nd, 3rd and 4th. There were further falls of snow or sleet in some parts of Scotland and over the northern Pennines on the 18th and 19th.

On low ground snow settled but did not lie for long. However, snow cover was unusually persistent over high ground in Scotland and northern England, the tops of many of the higher Scottish mountains being snow-covered throughout the month.

### Sunshine

Sunshine was below average over much of the United Kingdom with values mostly between 80 and 100 per cent of the normal, but only about 70 per cent over western parts of Northern Ireland and some areas in the Scottish Highlands and Shetland. The only districts with above-average sunshine were around the Glasgow area, in some coastal areas of eastern Scotland and north-eastern England, most of East Anglia and south-eastern England and also in parts of south-western England.

Most places had long sunny spells at some time during the month. These were most marked during the first week in the Glasgow area and during the warm period around mid-month in eastern and north-eastern Scotland when much of England and Wales away from south-western and western coasts was also sunny.

### Fog

Overnight fog patches formed occasionally during the month but were most widespread in England and Wales during the second week. On the night of the 12th/13th fog became dense in places but cleared quickly in the morning.

Persistent fog affected southern and western coastal areas of England and Wales between the 10th and 16th. Some northern and western coasts of Scotland were also affected at times from the 10th until the end of the month.

### Miscellaneous Phenomena

None reported.

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	20.0	-4.0	-1.9	-1.8	-1.8	-1.8	+7	113	88
1 Scotland E	22.2	-7.1	-1.3	-0.9	-1.1	-0.7	+6	118	99
2 England E & NE	27.1	-4.3	-0.8	-0.8	-0.8	-0.8	+7	217	91
3 East Anglia	26.7	-2.9	-0.6	-0.5	-0.5	-0.9	+6	172	100
4 Midland Counties	26.0	-3.1	-1.6	-0.9	-1.3	-0.9	+5	188	92
5 England SE & Central S	27.0	-2.3	-1.2	-1.0	-1.1	-0.9	+5	180	103
6 Scotland W	20.0	-7.1	-2.3	-1.6	-2.0	-1.1	+5	85	89
7 England NW & Wales N	23.3	-2.9	-2.7	-1.2	-2.0	-1.6	+6	171	87
8 England SW & Wales S	27.5	-2.0	-2.2	-1.9	-2.1	-1.0	+5	167	98
N Ireland	19.8	-4.0	-2.3	-2.1	-2.2	-1.0	+8	130	83
Scotland	22.2	-7.1	-1.8	-1.4	-1.6	-1.2	+6	105	92
England & Wales	27.5	-4.3	-1.5	-1.1	-1.3	-1.0	+6	183	95

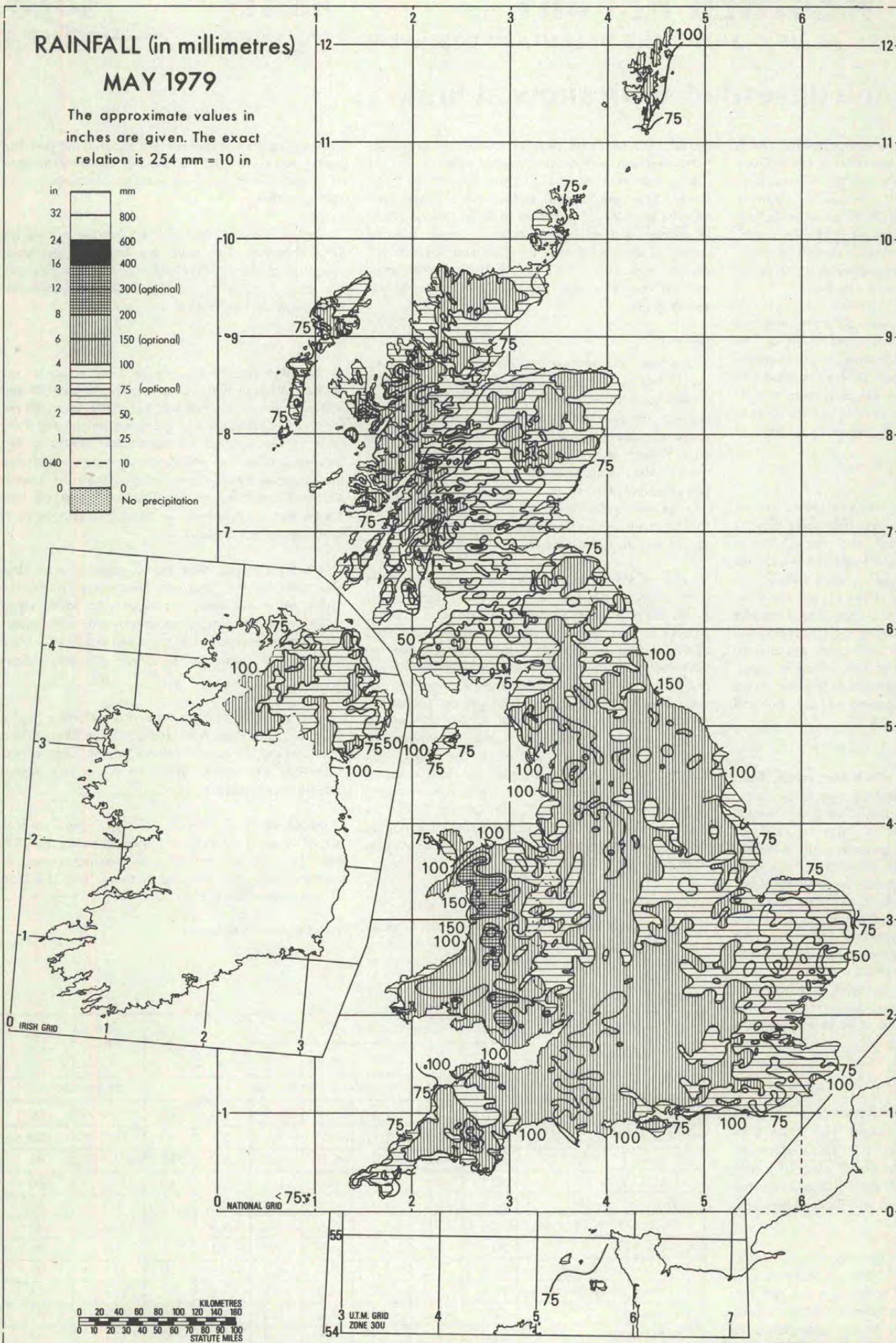
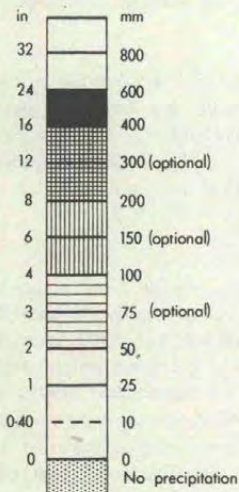
\* Highest maximum and lowest minimum of District Value Stations



# RAINFALL (in millimetres)

MAY 1979

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





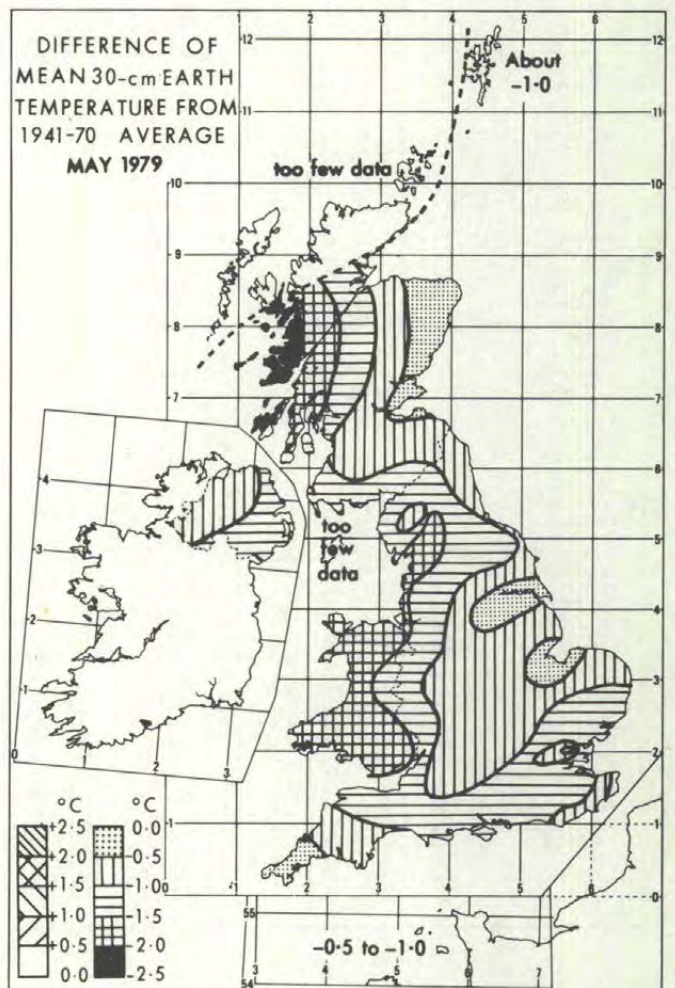
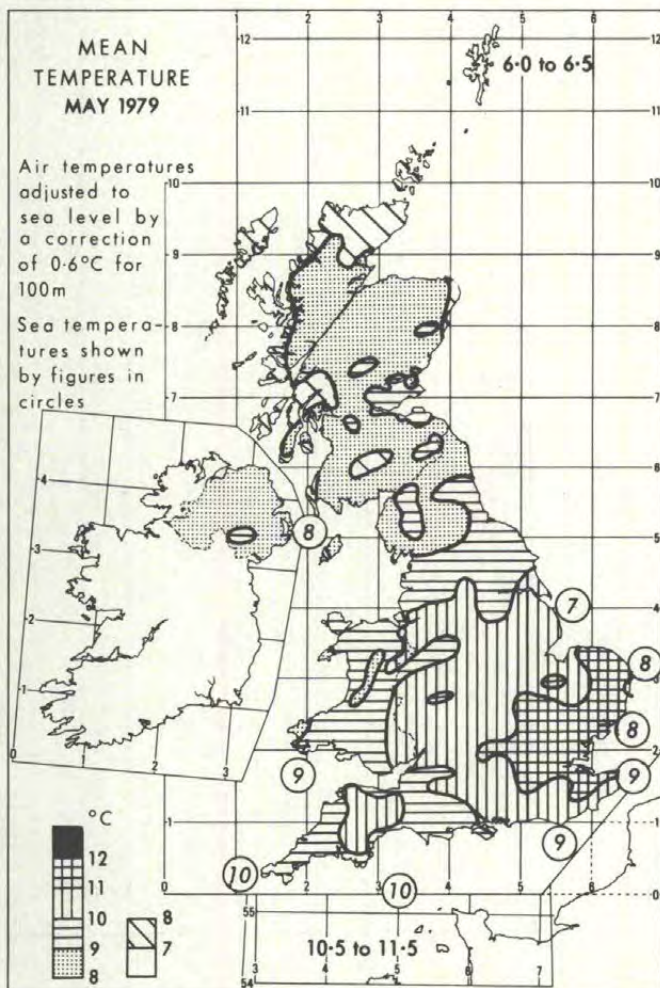
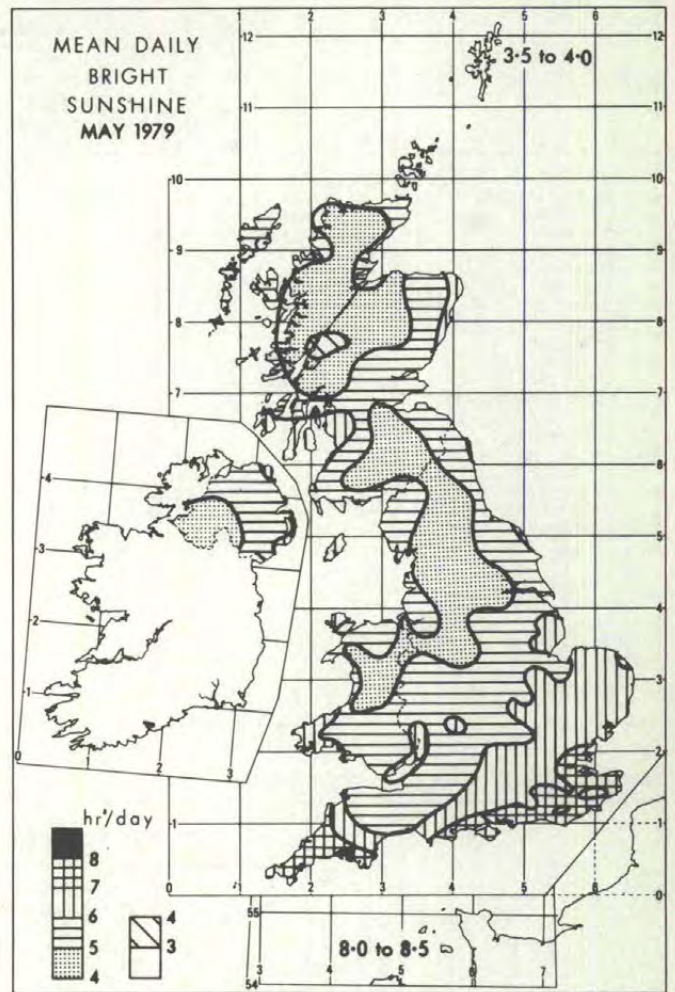
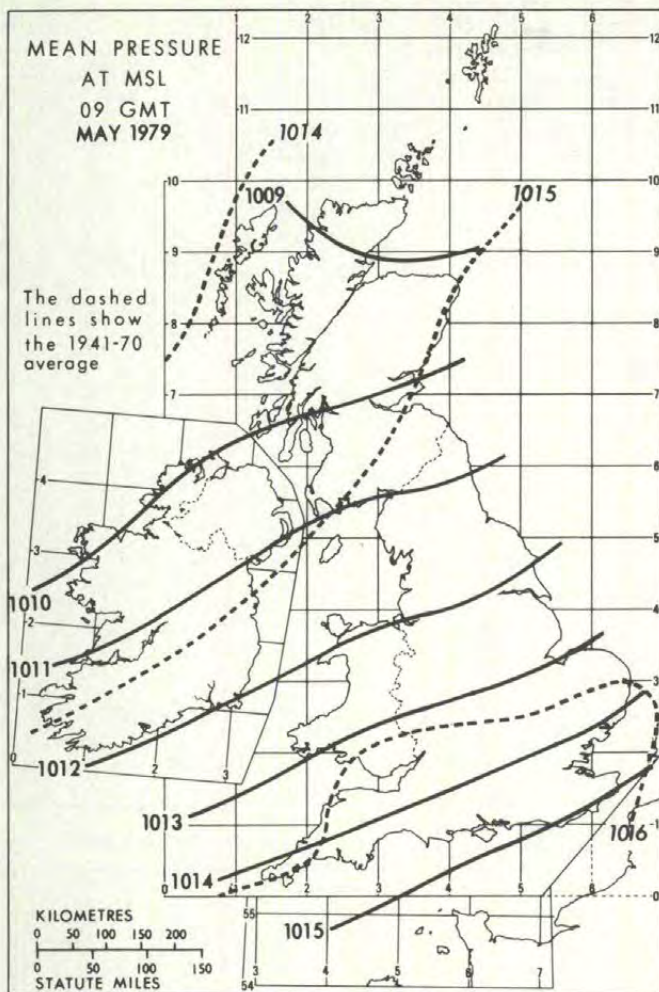




TABLE 2 SOLAR RADIATION

MAY 1979

STATION	DAILY GLOBAL IRRADIATION ON A HORIZONTAL SURFACE (MEGAJOULES PER SQUARE METRE)						DAILY DIFFUSE IRRADIATION ON A HORIZONTAL SURFACE (MEGAJOULES PER SQUARE METRE)					
	MAX.	DATE	MIN.	DATE	DAILY MEAN	NO. OF DAYS	MAX.	DATE	MIN.	DATE	DAILY MEAN	NO. OF DAYS
LERWICK	27.9	10	1.6	31	13.3	31	13.5	15	1.6	31	8.4	31
ABERDEEN UNIVERSITY	27.4	24	3.4	16	16.7	31						
ESKDALEMUIR	24.9	25	4.4	14	13.8	31	13.2	19	4.7	14	8.9	31
MOOR HOUSE	26.9	13	4.6	18	14.6	31						
SUTTON BONINGTON												
GRAFHAM WATER												
ABERPORTH	25.4	4	5.5	30	16.7	31	14.0	15	5.4	30	10.0	31
CARDINGTON	27.1	14	3.0	20	16.6	31	13.3	8	2.9	20	9.3	31
SILSOE	27.7	14	3.2	20	16.8	31	13.6	12	3.1	20	9.3	31
ROTHAMSTED												
GARSTON	26.4	14	2.7	20	15.5	31						
WALLINGFORD	27.2	19	2.2	20	15.4	31						
LONDON WEATHER CENTRE												
KEW	26.6	14	3.3	20	16.4	30	12.3	27	3.0	20	8.8	30
EASTHAMPTON	26.8	14	2.3	20	16.0	31	12.9	7	2.3	20	8.7	31
EAST MALLING	26.0	14	3.6	1	17.2	31						
RUSTINGTON												
WAREHAM	27.8	19	2.8	30	17.6	31						
JERSEY AIRPORT	29.8	7	3.3	20	20.6	31	12.5	31	3.3	20	8.3	31
ALDERGROVE	25.8	18	6.1	10	15.7	27	13.7	30	5.9	10	9.4	27

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

MAY 1979

DISTRICT REGION/COUNTY AND PLACE	MAX. TERMINAL H(GMT) MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C						MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL H 09 GMT)		WEATHER (NUMBER OF DAYS)										BRIGHT SUNSHINE										
			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 (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																																	
SHEPHERD																																	
BALASOUND	9 9	24	8.9	3.4	6.1	-1.8	12.0	14	-1.7	1.7	6.1	112	178	17	20	23	19	12	2	0	0	0	0	6	-	-	1	3.45	68	-	-		
FAIR ISLE	9 9	57	7.8	4.3	6.1	-	11.9	13	-1.6	1	6.9	6.3	66	16	20	22	16	8	1	2	6	0	1	3	8	-	1	5.26	-	-	-		
LERWICK	21-9	82																															
PSYCHROMETER			7.8	3.6	5.7	-	12.7	30	-2.0	1	-	-	117	25	20	25	17	9	1	3	5	0	2	5	12	7	2	3.80	75	-	-		
SCREEN			8.0	3.6	5.8	-1.8	12.9	30	-2.2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
ORKNEY																																	
KIRKALL AIRPORT	21-9	26	9.7	3.9	6.8	-1.7	15.3	13	-1.5	4	-	-	89	151	16	20	22	17	7	0	1	7	1	1	4	9	8	0	4.60	88	-	-	
MEYLAND	9 9	24	9.6	4.1	6.9	-	14.7	13	-0.9	1	7.7	75	-	16	20	19	16	4	0	0	0	1	3	4	5	-	0	-	-	-	-	-	
WESTERN ISLES																																	
BENBECULA	21-9	6	10.0	4.6	7.3	-2.4	13.4	23	-1.9	1	-	-	73	116	17	19	24	16	8	0	1	7	0	0	4	11	9	1	5.82	86	-	-	
SCALPAY	9 9	18	9.8	4.5	7.1	-	14.3	23	-1.0	1	-	-	89	-	13	24	24	21	4	1	0	0	1	0	3	10	-	1	5.11	-	-	-	
STORMWAY	21-9	15	9.7	4.3	7.0	-2.1	14.2	12	-1.7	1	-	-	57	99	7	29	23	18	6	0	0	7	0	0	6	10	7	1	5.71	95	-	-	
HIGHLAND																																	
ACHARY	9 9	107	11.4	2.9	7.1	-	19.2	13	-3.7	1	7.4	71	-	14	16	25	20	5	0	0	3	3	0	9	15	-	0	4.24	-	-	-	-	
ACHNASHELLACH	9 9	67	11.7	3.5	7.6	-2.1	18.5	20	-1.8	4	-	-	138	122	18	1	25	17	6	3	0	0	1	-	8	-	-	0	-	-	-	-	
CAPE WRATH	21-9	112	8.3	4.1	6.2	-2.1	14.2	20	-2.0	1	-	-	85	139	11	7	26	22	7	2	0	4	0	5	3	5	4	2	5.30	-	-	-	
CASSLEY	9 9	99	11.2	3.6	7.4	-	17.7	13	-1.5	1	-	-	95	-	15	16	26	24	-	-	-	-	-	-	6	9	-	-	-	-	-	-	
CORPACH	9 9	8	12.8	4.4	8.6	-	19.0	20	-1.5	6	-	-	86	-	16	16	24	17	3	0	0	0	2	0	4	-	-	-	-	-	-	-	
DALCROSS	9 9	11	12.1	4.8	8.5	-	18.8	13	-1.7	10	-	-	62	122	17	16	23	12	-	0	-	-	-	0	2	11	-	-	-	-	-	-	
DALWHINNIE	9 9	351	10.0	1.8	5.9	-	20.4	13	-4.1	5	-	-	56	-	13	29	23	15	6	2	6	4	1	0	12	14	-	-	-	-	-	-	
DIABRIG	9 9	60	11.2	4.6	7.9	-	17.4	20	-2.1	1	-	-	89	-	8	28	25	23	7	1	0	4	0	-	4	-	-	-	-	-	-	-	
DOUNREAY	9 9	21	10.6	4.0	7.3	-	17.5	13	-1.0	1	-	-	91	179	11	7	25	22	4	0	0	1	0	0	3	7	-	-	-	-	-	-	
FORT AUGUSTUS	9 9	21	12.9	3.4	8.1	-1.8	20.5	20	-2.0	4	-	-	60	-	10	16	21	15	-	0	-	-	-	-	0	6	-	-	-	-	-	-	
FORTROSE	9 9	5	11.2	4.9	8.1	-1.4	19.8	13	-0.5	1	-	-	57	110	17	16	22	13	-	0	-	-	-	-	0	2	-	-	-	-	-	-	
GEISOELL	9 9	12	-	3.8	-	-	-	-	-1.7	1	-	-	71	-	9	16	25	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
GLENMORE LODGE	9 9	341	10.7	1.8	6.3	-	20.1	13	-4.6	8	-	-	94	109	22	17	24	16	9	4	2	0	1	0	13	16	10	0	4.54	-	-	-	
GRANTOWN-ON-SPEY	9 9	229	11.2	2.3	6.7	-	19.5	13	-4.8	10	-	-	105	-	17	16	23	18	7	2	1	3	3	0	12	18	-	0	4.89	-	-	-	
HEASTE	9 9	109	10.1	3.7	6.9	-	14.9	20	-2.4	1	-	-	148	-	25	14	27	21	7	0	0	2	0	2	7	10	-	-	-	-	-	-	
INVERGORDON	9 9	15	12.4	5.0	8.7	-	18.5	13	-0.4	3	-	-	59	-	18	16	16	14	-	0	-	-	-	0	1	-	-	-	-	-	-	-	
INVERNESS	9 9	4	12.3	4.8	8.5	-	19.0	13	0.2	5	-	-	71	139	20	16	21	15	3	0	0	2	1	1	0	3	-	0	5.22	-	-	-	-
INVERPOLLY	9 9	14	11.0	4.4	7.7	-	17.3	20	-1.6	1	8.3	-	88	-	13	28	27	22	6	1	0	4	2	0	2	13	-	1	-	-	-	-	
ISLE OF RHUM	9 9	5	10.9	4.1	7.5	-	14.2	20,23	-1.3	4	9.3	8.2	133	103	16	19	23	23	4	0	0	4	0	0	5	14	-	0	5.13	-	-	-	
KEISS	9 9	30	10.4	3.8	7.1	-	19.7	13	-1.6	10	7.9	7.0	71	-	16	20	21	18	5	0	2	4	0	1	6	10	-	0	5.29	-	-	-	
KNOCKANROCK	9 9	244	10.0	3.2	6.6	-	16.1	13	-2.6	1	-	-	109	94	14	1	27	21	7	5	0	0	1	1	7	19	-	-	-	-	-	-	
LAGANLIA	9 9	250	11.2	2.3	6.7	-	19.7	13	-5.7	10	-	-	68	-	17	16	22	16	6	1	0	2	3	0	13	15	-	-	-	-	-	-	
LAIRG	9 9	107	11.8	2.5	7.1	-	19.4	13	-3.8	1	7.6	6.6	87	-	16	16	24	19	5	1	6	0	3	0	11	14	-	-	-	-	-	-	
LENTAN	9 9	146	11.4	3.3	7.3	-	17.6	13	-2.6	10	6.4	-	97	-	34	16	22	15	4	0	3	7	2	0	8	15	-	2	-	-	-	-	
NAIRN	9 9	6	12.1	4.4	8.3	-1.2	19.7	13	-2.7	1	-	-	51	106	11	16	20	13	1	0	6	1	2	0	3	9	-	0	5.54	104	-	-	
ONICH	9 9	15	13.1	4.1	8.6	-1.7	20.0	20	-4.0	4	-	-	99	93	17	14	27	19	-	0	-	-	-	-	-	-	-	-	-	-	-	-	
POOLEME	9 9	6	11.0	4.5	7.7	-	17.3	20	-0.9	1	-	-	88	-	9	6	22	20	4	0	1	0	0	0	4	7	-	0	5.64	-	-	-	-
PRABOST	9 9	67	10.8	3.8	7.3	-	15.0	20	-2.5	4	-	-	99	61	6	1	27	21	9	1	1	0	1	1	7	14	-	2	5.13	-	-	-	
STRATHCONON	9 9	107	12.4	3.1	7.7	-	19.3	13	-3.3	1	-	-	97	-	21	16	27	18	5	2	0	1	2	-	10	-	-	-	-	-	-	-	
TARBATNESS	21-9	18	11.3	5.1	8.2	-1.1	20.0	13	-1.0	1	-	-	68	-	14	16	23	14	3	0	0	2	1	0	1	-	-	-	-	-	-	-	
TOMATIN	9 9	311	10.4	2.5	6.5	-	18.1	13	-2.5	10	-	-	85	-	12	16	24	19	8	-	0	9	2	0	12	-	-	-	-	-	-	-	
TORRISDALE	9 9	27	10.8	4.0	7.4	-	18.1	13	-1.5	1	-	-	95	-	18	7	25	19	6	0	7	0	2	0	5	10	-	0	5.36	-	-	-	
WICK	21-9	36	10.2	3.8	7.0	-1.3	19.0	13	-2.3	1	-	-	68	144	13	20	21	17	7	0	1	7	0	0	7	13	9	0	5.41	103	-	-	



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DISTRICT REGION/COUNTY AND PLACE	MAX. MIN.	TERMINAL H(OMT) 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																									
1 SCOTLAND E																																				
GRAMPIAN																																				
ABERDEEN																																				
DYCE AIRPORT ...	21-9	58	12.3	4.3	8.3	-0.6	22.7	13	-2.4	10				83	122	20	20	19	14	4	0	0	8	2	0	6	12		8	0	6.23	113	-			
MANNOFIELD ...	99	52	11.3	4.4	7.9	-1.1	21.4	13	-1.6	1				87	129	17	20	20	16	4	0	0	3	0	0	6	9		0	0	-	-	-			
BALMORAL ...	99	283	10.8	2.3	6.5	-1.6	21.0	13	-4.6	10				91	135	13	16	26	15	7	1	0	0	0	1	1	15		0	0	5.70	-	-			
BANCHORY ...	99	94	13.0	4.2	8.6	-	23.0	13	-1.8	10				96	-	17	20	21	16	11	0	0	0	5	0	0	7		0	0	5.59	-	-			
BANFF ...	99	24	11.5	5.1	8.3	-	23.0	13	0.2	1				98	185	32	25	23	17	2	0	3	2	3	0	0	11		0	0	4.86	-	-			
BREMAR ...	99	339	11.4	2.6	7.0	-1.2	20.8	13	-3.0	10				83	120	19	16	23	18	10	0	0	0	0	0	11	12		0	0	4.59	89	-			
CLASHNOIR ...	99	338	10.4	2.5	6.5	-	20.7	13	-3.4	1	6.4			91	-	13	17	25	18	10	3	7	1	2	0	9	14		0	0	4.86	-	-			
CRAIBSTONE ...	99	91	11.7	4.1	7.9	-0.8	22.2	13	-1.5	1	8.5	7.3		93	133	20	20	23	15	5	0	0	1	0	1	6	11		0	0	6.64	118	-			
CULTERTY ...	99	3	11.5	4.3	7.9	-	19.1	12	-2.1	10				83	151	19	20	20	16	3	-	0	2	0	1	8	11		0	0	6.27	-	-			
ELGIN ...	99	15	12.3	4.6	8.5	-	23.0	13	-1.9	10				72	136	11	16	22	14	4	0	1	1	2	0	4	10		0	0	4.50	-	-			
FOREHILL ...	99	40	10.7	4.4	7.5	-	19.1	13	-1.5	1				94	-	25	20	20	17	3	0	0	0	0	1	4	8		0	0	-	-	-			
FORRES ...	99	5	12.7	4.7	8.7	-1.0	20.1	13	-1.4	10	9.8	8.4		61	-	15	16	21	15	5	0	0	2	3	1	3	11		0	0	5.13	94	-			
FRASERBURGH ...	21-9	19	10.7	4.9	7.8	-	19.5	13	0.5	3,4				170	21	20	21	17	4	0	0	4	0	0	0	0	2	2		0	0	6.65	-	-		
FYVIE CASTLE ...	99	55	12.5	3.9	8.2	-	25.0	13	-3.0	10				92	141	13	7	26	16	4	0	0	2	3	-	4	10		0	0	-	-	-			
GARTLY ...	99	146	11.9	3.7	7.8	-	23.2	13	-2.3	10				103	-	14	17	24	20	-	-	-	-	-	-	14	-		0	0	-	-	-			
GLENLIVET ...	21-9	215	11.5	3.0	7.3	-	21.2	13	-3.5	10				93	132	22	17	25	19	9	3	4	0	1	0	9	14		0	0	4.43	-	-			
INVERURIE ...	99	54	12.9	4.0	8.5	-	23.8	13	-2.4	10				91	-	17	20	24	18	7	1	2	2	2	0	6	12		0	0	5.76	-	-			
KEITH ...	99	106	12.0	3.9	7.9	-	23.0	13	-2.1	10				99	-	12	26	21	19	4	1	1	3	2	-	6	15		0	0	5.38	-	-			
KINLOSS ...	21-9	5	12.1	4.7	8.4	-1.3	19.4	13	-2.2	10	8.4			59	120	14	16	22	13	4	0	0	3	2	0	3	14		6	0	5.56	-	-			
LOSSIEMOUTH ...	21-9	6	11.8	4.7	8.3	-	20.7	13	-2.0	8				65	130	15	16	21	14	6	0	0	5	1	0	4	11		7	0	-	-	-			
STONEHAVEN ...	99	4	11.9	3.8	7.9	-1.0	21.0	13	-2.0	1				104	159	25	20	21	18	5	0	0	0	0	1	7	-		0	0	6.03	111	-			
TAYSIDE																																				
ARBROATH ...	99	29	11.4	5.2	8.3	-	19.6	13	-0.1	1				76	136	22	20	16	14	1	0	0	0	0	0	1	9		0	0	6.28	102	-			
ARDALNAG ...	99	130	12.5	4.1	8.3	-	19.6	13	-1.5	8				66	80	12	17	20	15	3	0	0	2	6	0	3	14		0	0	5.27	-	-			
DALL ...	99	232	11.8	1.8	6.8	-	20.1	13	-5.3	5				53	75	9	16	20	13	4	0	0	2	0	0	13	16		0	0	-	-	-			
DRUMMOND CASTLE ...	99	113	12.0	3.3	7.7	-	16.3	13	-2.8	5	9.3			74	-	12	27	19	13	0	0	0	0	3	-	7	14		0	0	5.77	-	-			
DUNDEE ...	99	45	12.6	5.4	9.0	-1.1	20.7	13	0.3	1	11.0			67	103	13	20	18	14	4	0	0	1	1	0	0	11		0	0	5.61	103	-			
FASKALLY ...	99	94	12.3	3.8	8.1	-	19.7	13	-2.4	8	9.3	7.9		78	117	16	16	22	15	5	0	0	1	1	0	5	13		0	0	-	-	-			
KINDROGAN ...	99	259	11.2	2.1	6.7	-	20.3	13	-5.6	8				75	-	17	16	22	16	7	0	0	1	3	0	13	18		0	0	-	-	-			
KINROSS ...	99	116	12.7	3.8	8.3	-	19.0	13	-2.3	5	8.7			56	-	13	16	17	11	-	0	-	-	-	1	5	13		0	0	5.77	-	-			
MONTROSE ...	99	57	11.9	4.7	8.3	-	21.2	13	0.0	1				73	115	20	20	21	14	2	0	0	6	4	0	0	7		0	0	-	-	-			
MYLNEFIELD ...	99	30	12.1	5.2	8.7	-	19.2	13	-0.5	1	9.3	7.5		88	145	12	20	23	17	3	0	0	1	3	0	1	11		0	0	4.88	-	-			
PERTH ...	99	23	13.0	4.6	8.8	-1.6	19.0	13	-1.5	8				70	109	13	16	16	13	-	0	-	-	-	0	3	-		0	0	-	-	-			
STRATHALLAN ...	99	41	13.0	4.6	8.8	-	19.0	13	-1.0	8				69	-	12	8	19	14	5	0	3	1	7	0	3	12		0	0	-	-	-			
USAN ...	21-9	30	11.1	5.0	8.1	-	20.0	13	-0.5	1				71	-	19	20	16	12	2	0	0	3	1	0	1	8		6	0	6.05	-	-			
WHITEHILLOCKS ...	99	258	11.7	2.7	7.2	-	20.5	13	-3.2	10				103	111	16	20	23	18	3	0	0	0	0	0	10	16		0	0	-	-	-			
FIFE																																				
BELLISTON ...	99	82	12.5	4.8	8.7	-	17.8	13	-1.1	1	9.2			67	104	15	20	19	13	4	0	0	2	1	0	2	10		0	0	-	-	-			
CUPAR ...	99	36	12.8	4.7	8.7	-	19.9	13	-2.0	4	9.7			83	-	16	23	18	13	1	0	0	1	2	-	5	10		0	0	5.52	-	-			
LEUCHARS ...	21-9	10	12.5	4.5	8.5	-1.2	20.3	13	-2.3	4				81	143	18	23	21	13	3	0	2	4	1	0	5	13		8	0	5.89	97	-			
PITREAVIE ...	21-9	40	13.0	4.8	8.9	-	17.9	13	-1.8	4				65	118	11	17	21	16	5	0	0	6	1	1	3	13		6	0	-	-	-			
ST ANDRE																																				



DISTRICT REGION/COUNTY AND PLACE	MAX. TERMINAL HEIGHT FT. OF OBSERVATION	MIN. TERMINAL HEIGHT FT. 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 (MM)	PRECIP- ITATION	0-2 MM OR MORE	1-0 MM OR MORE	2-0 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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
6 SCOTLAND W																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

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DISTRICT REGION/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	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	12.8	4.6	8.7	-1.4	20.8	13	-1.3	5	9.6	8.1	97	189	17	20	18	12	-	0	0	0	4	11	-	0	4.85	90	S			
DURHAM	9 9	155	12.1	3.8	7.9	-	20.5	13	-2.9	4	8.3	7.3	98	-	16	8	19	15	-	0	0	3	2	3	9	16	-	0	4.73	-	-	
LOW ETHELLEY	9 9	513	9.1	1.9	5.5	-	15.6	13	-4.8	2	5.4	-	154	-	16	28	23	18	-	0	0	0	3	9	16	-	0	-	-	-	-	
WIDDYBANK FELL	9 9	513	9.1	1.9	5.5	-	15.6	13	-4.8	2	5.4	-	154	-	16	28	23	18	-	0	0	0	3	9	16	-	0	-	-	-	-	
CLEVELAND	9 9	31	13.3	4.4	8.9	-	23.0	13	-2.9	4	-	-	128	321	23	20	19	16	3	0	0	0	5	0	6	8	-	0	4.94	-	-	
HARTBURN GRANGE	9 9	9	13.0	5.9	9.5	-1.0	23.5	13	0.2	5	-	-	142	331	35	20	18	16	5	0	0	0	4	0	0	-	-	0	5.56	-	-	
HARTLEPOOL	9 9	9	13.0	5.9	9.5	-1.0	23.5	13	0.2	5	-	-	142	331	35	20	18	16	5	0	0	0	4	0	0	-	-	0	5.56	-	-	
NORTH YORKSHIRE	9 9	33	14.1	4.7	9.4	-	24.1	13	-3.0	5	-	-	115	234	29	20	20	17	3	0	0	4	2	0	5	8	-	0	5.01	87	-	
ASKHAM BRYAN	9 9	6	13.9	5.2	9.5	-	24.0	13	-1.4	2	10.2	9.2	103	224	27	20	20	17	1	0	0	3	0	4	6	-	0	4.74	-	-	-	
CAMWOOD	9 9	6	13.9	5.2	9.5	-	24.0	13	-1.4	2	10.2	9.2	103	224	27	20	20	17	1	0	0	3	0	4	6	-	0	4.74	-	-	-	
HIGH MOWTHORPE	9 9	175	12.5	4.7	8.6	-	23.0	13	-2.3	2	8.5	-	161	293	31	20	21	19	4	0	1	0	4	0	6	8	-	0	4.44	-	-	
LEEMING	21-9	32	13.5	5.2	9.3	-	23.6	13	-1.4	4	9.9	8.5	131	291	26	17	21	16	6	0	1	0	5	0	3	8	4	0	5.14	-	-	
MALHAM TARN	9 9	395	10.2	3.0	6.6	-2.1	19.2	13	-4.2	2	8.0	-	169	174	26	6	23	15	5	0	1	1	2	6	7	9	-	0	-	-	-	
PICKERING	9 9	44	14.0	4.2	9.1	-	24.8	13	-2.9	2	9.8	-	136	284	34	20	23	20	5	0	1	0	4	0	7	7	-	0	-	-	-	
SCARBOROUGH	9 9	52	13.2	5.6	9.4	-	24.5	13	-1.4	4	10.2	9.1	118	246	20	30	20	16	2	0	0	0	7	1	2	7	3	0	5.47	92	-	
SILPHO MOOR	9 9	203	12.7	4.0	8.3	-	23.6	13	-1.9	2	8.0	-	132	203	23	20	21	17	1	0	0	0	1	0	7	11	-	0	5.03	-	-	
SNIAZEHOLME	9 9	290	10.5	3.2	6.9	-	18.2	13	-4.0	4	7.7	-	145	-	19	8.28	25	20	5	3	0	1	0	2	8	14	-	0	4.48	-	S	
WHITBY	9 9	41	12.8	5.2	9.0	-	24.6	13	-1.1	4	-	-	113	-	24	20	19	14	2	0	0	0	5	1	3	7	-	0	6.15	-	-	
WHITBY (COASTGUARD)	21-9	60	12.0	5.3	8.7	-	24.1	13	-0.6	5	-	-	106	-	24	20	20	14	3	0	0	0	6	2	2	6	5	0	-	-	-	
YORK (HESLINGTON)	9 9	19	14.0	5.5	9.7	-	24.4	14	-3.2	4	10.0	9.2	112	249	31	20	20	15	0	0	0	0	0	4	7	-	0	5.04	-	-	-	
HUMBERSIDE	9 9	48	-	-	-	-	-	-	-	-	-	-	103	190	24	30	16	14	-	-	-	-	-	-	-	-	-	-	-	-	-	
BRIDLINGTON	9 9	7	14.7	6.5	10.6	-0.4	26.3	14	-0.6	2	-	-	87	194	19	30	17	15	-	0	-	-	0	2	-	-	-	-	5.23	84	-	
CLEETHORPES	9 9	7	14.7	6.5	10.6	-0.4	26.3	14	-0.6	2	-	-	87	194	19	30	17	15	-	0	-	-	0	2	-	-	-	-	5.23	84	-	
HULL	9 9	2	14.8	6.3	10.5	-0.9	27.1	14	-0.8	2	10.9	9.4	122	254	24	20	23	18	3	0	0	0	2	0	2	6	-	0	5.35	93	S	
LINCOLNSHIRE	21-9	108	13.6	5.6	9.6	-	24.3	14	-1.8	2	-	-	114	215	24	30	20	15	5	0	3	2	5	0	4	6	6	0	6.15	-	-	-
BINBROOK	9 9	21	14.9	5.3	10.1	-	25.4	14	-2.6	2	-	-	107	-	23	20	21	18	-	-	-	-	-	-	6	-	-	-	-	-	-	
CRISTOR	9 9	7	15.1	5.9	10.5	-	25.1	14	-1.0	2	-	-	110	-	21	20	18	16	3	0	0	3	8	0	2	7	5	0	-	-	-	
CONINGSBY	21-9	7	15.1	5.9	10.5	-	25.1	14	-1.0	2	-	-	110	-	21	20	18	16	3	0	0	3	8	0	2	7	5	0	-	-	-	
CRAWWELL	9 9	62	14.9	5.5	10.2	-0.9	24.8	14	-1.6	2	11.1	9.6	90	184	26	20	17	14	2	1	1	1	2	0	5	8	6	0	6.17	97	-	
KIRTON	9 9	4	15.1	6.0	10.5	-	25.8	14	-1.1	2	10.4	8.8	95	-	19	20	19	15	2	1	0	0	5	0	4	8	-	0	6.08	-	-	
LINCOLN	9 9	6	15.0	5.6	10.3	-0.8	25.2	14	-4.3	2	10.3	9.0	105	223	25	20	19	16	3	0	0	0	5	0	5	9	-	0	5.49	-	-	
SKEGNESS	9 9	5	14.9	6.8	10.9	+0.1	25.5	14	-1.0	2	-	-	72	163	14	20	19	15	0	0	0	0	0	2	3	-	0	6.27	97	-	-	
SUTTON BRIDGE	9 9	4	15.8	6.2	11.0	-1.0	25.7	15	-1.3	6	-	-	84	171	15	30	18	17	-	-	-	-	-	-	3	7	-	-	-	-	-	
WADDINGTON	21-9	68	14.3	6.0	10.1	-1.0	24.7	14	-1.1	2	-	-	102	222	24	20	21	15	4	1	1	1	6	0	3	7	6	0	6.11	93	-	-
3 EAST ANGLIA																																
NORFOLK	21-9	17	15.6	6.5	11.1	-	26.6	15	0.4	6	-	-	65	147	12	27	19	12	4	0	2	2	5	0	0	8	3	0	-	-	-	
COLTSHALL	9 9	54	-	7.0	-	-	-	-	1.1	6	-	-	59	129	10	1	17	12	1	-	0	0	2	0	0	6	-	0	6.92	107	-	-
CROMER	9 9	3	15.5	6.2	10.9	-	25.0	15	-1.5	6	10.6	9.1	72	-	14	20	20	15	0	0	2	1	5	0	3	-	-	0	6.05	-	-	
DENVER	9 9	4	14.8	7.2	11.0	+0.1	25.3	15	0.6	3.5	11.0	9.6	53	137	10	30	12	9	0	0	0	1	0	0	-	-	1	6.49	95	S	-	
GORLESTON	9 9	4	14.8	7.2	11.0	+0.1	25.3	15	0.6	3.5	11.0	9.6	53	137	10	30	12	9	0	0	0	1	0	0	-	-	1	6.49	95	S	-	
HEMSBY	21-9	14	14.9	6.8	10.9	-	26.2	15	0.2	2	10.8	9.6	68	-	19	3	20	12	4	0	3	0	2	0	0	7	3	0	7.20	-	-	-
MARHAM	21-9	23	15.7	6.0	10.9	-	26.0	15	-1.6	6	-	-	79	-	13	20	21	16	2	0	1	1	4	0	3	6	4	0	6.23	-	-	-
MORLEY ST BOTOLPH	9 9	46	15.4	6.0	10.7	-	26.2	15	-0.6	6	11.1	-	81	-	12	30	21	15	2	0	0	2	2	0	3	8	-	0	6.35	-	-	-
SANTON DOWNHAM	9 9	24	16.0	4.6	10.3	-	26.4	15	-4.4	6	10.0	8.8	64	133	13	20	17	14	-	0	-	-	-	0	8	14	-	-	6.11	-	-	-
SCOLE	9 9	27	16.1	6.2	11.1	-	26.7	14	-1.0	6	11.9	10.9	79	-	13	26	19	14	3	0	0	0	5	0	4	6	-	0	6.43	-	-	-
TERRINGTON ST CLEMENT	9 9	3	15.4	5.9	10.7	-0.6	25.0	14	-2.9	6	10.9	-	94	196	14	20	23	18	2	0	0	2	3	0	3	7	-</					



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

MAY 1979

DISTRICT REGION/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 MAX & MIN)	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	
4 MIDLAND COUNTIES																																	
WEST YORKSHIRE																																	
BRADFORD ...	9 9	134	13.2	5.2	9.2	-1.3	22.9	14	-1.6	4	9.4	7.8	103	164	16	26	20	20	3	0	4	0	3	0	4	12	0	0	0	4.68	84	S	
BRAMHAM ...	9 9	54	13.6	4.9	9.3	-	23.7	13	-1.2	4	-	-	104	193	27	30	21	16	2	0	0	2	3	0	3	10	0	0	0	-	-	-	
HUDDERSFIELD(OAKES) ...	21-9	232	13.5	4.7	9.1	-1.3	23.7	14	-2.2	2	9.0	7.0	101	140	16	26	22	19	4	0	0	0	4	0	5	13	7	0	0	-	-	-	
ILKLEY ...	9 9	85	13.4	5.0	9.2	-1.5	23.0	13	-2.5	4	-	-	111	170	19	20	21	16	3	0	3	0	2	0	4	5	0	0	0	4.59	83	-	
PONTEFRAC ...	9 9	78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TODMORDEN ...	9 9	160	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WILSDEN ...	9 9	262	12.0	4.0	8.0	-	21.8	14	-2.3	2	-	-	111	-	18	20	20	16	4	0	1	0	3	0	5	9	7	0	0	-	-	-	
SOUTH YORKSHIRE																																	
FINNINGLEY ...	21-9	10	14.5	5.0	9.7	-	25.7	14	-2.9	6	-	-	94	201	26	20	20	15	4	0	0	1	4	0	4	11	5	0	0	5.02	-	-	-
SHEFFIELD																																	
DORE ...	9 9	206	13.5	5.1	9.3	-	24.4	14	-1.8	2	-	-	137	-	31	30	20	18	4	1	3	1	3	1	2	13	-	0	0	-	-	-	
WESTON PARK ...	9 9	131	14.4	6.0	10.2	-1.1	25.8	14	-0.7	2	10.5	8.8	115	178	36	30	18	15	2	1	1	0	0	-	1	-	-	0	0	5.12	98	-	
DERBYSHIRE																																	
ASHOVER ...	9 9	178	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BARBROOK ...	9 9	323	11.9	3.4	7.7	-	23.1	14	-3.2	4	-	-	150	203	30	30	22	17	-	2	-	-	-	-	6	15	-	-	-	4.81	-	-	
BUXTON ...	9 9	307	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DERBY ...	9 9	48	14.9	6.3	10.6	-	26.1	14	-1.3	4	-	-	91	176	19	30	18	15	2	0	0	3	3	0	3	6	-	0	0	4.85	-	S	
WINGERWORTH ...	9 9	116	14.0	4.7	9.3	-	24.2	14	-4.1	4	9.8	-	113	-	33	30	21	15	3	0	4	0	7	0	4	14	-	0	0	5.50	-	-	
NOTTINGHAMSHIRE																																	
MANSFIELD ...	9 9	114	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NENTHORPE ...	9 9	58	14.7	5.3	10.0	-	25.0	14	-3.0	5.6	-	-	102	-	21	30	20	16	-	-	-	-	-	-	5	-	-	-	-	-	-	-	
NOTTINGHAM ...	9 9	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SUTTON BONINGTON ...	9 9	48	14.8	5.0	9.9	-1.2	24.4	14	-3.0	6	9.9	8.9	95	186	21	30	20	16	0	0	0	0	2	0	5	9	5	0	0	5.52	96	-	
MARSOP ...	9 9	46	14.7	4.2	9.8	-	24.9	14	-3.8	6	-	-	83	164	23	20	20	13	2	0	0	0	0	0	4	14	-	0	0	5.11	-	-	
WATNALL ...	21-9	117	14.4	5.7	10.1	-1.0	25.2	14	-1.4	2	-	-	111	199	31	30	20	16	4	0	6	0	4	0	5	9	4	0	0	5.19	92	-	
STAFFORDSHIRE																																	
KEELE ...	9 9	179	12.9	4.7	8.8	-	23.2	14	-2.0	2	9.5	7.9	143	224	18	26	23	21	5	0	0	4	4	0	4	9	5	0	0	4.58	-	S	
OAKEN ...	9 9	125	13.9	5.3	9.6	-1.3	24.9	14	-1.6	4.5	10.4	-	113	173	24	30	20	15	2	0	0	4	2	0	4	8	-	0	0	-	-	S	
PENKIRIDGE ...	9 9	101	14.2	5.0	9.6	-	24.3	14	-2.6	5	-	-	104	170	24	30	21	15	2	0	0	1	1	0	5	8	-	0	0	5.56	-	-	
STONE ...	9 9	107	13.5	4.7	9.1	-	24.0	14	-3.2	4	-	-	131	219	26	24	24	18	3	0	0	1	1	0	5	9	-	0	0	4.84	-	-	
LEICESTERSHIRE																																	
CALDECOTT ...	9 9	53	15.1	5.5	10.3	-	25.2	14	-1.9	5.6	-	-	102	227	23	20	23	16	1	0	0	2	5	0	5	9	-	0	0	5.94	-	-	
NEWTOWN LINCOLN ...	9 9	119	14.3	5.2	9.7	-	24.0	15	-2.5	4	-	-	105	185	21	20	21	15	2	0	2	0	5	0	5	7	-	0	0	5.34	-	-	
SALOP																																	
HAMPTON LODGE ...	9 9	70	-	-	-	-	-	-	-	-	-	-	101	-	25	30	18	15	-	-	-	-	-	-	-	-	-	-	-	5.86	-	-	
NEWPORT ...	9 9	64	14.0	5.2	9.6	-1.3	24.8	14	-2.4	5	-	-	98	167	16	30	22	17	0	0	1	0	-	-	-	5	-	1	0	5.61	99	-	
OSWESTRY ...	9 9	174	12.7	5.1	8.9	-1.8	21.7	14	-0.7	2	-	-	86	114	11	26	19	15	4	1	0	5	3	0	3	15	-	0	0	4.79	84	S	
PRESTON MONTFORD ...	9 9	67	14.3	4.2	9.3	-	24.8	14	-8.3	6	11.0	9.7	87	-	14	26	20	19	2	1	0	0	0	0	5	15	-	0	0	-	-	S	
SHREWSBURY ...	21-9	72	13.7	4.8	9.3	-1.8	24.5	14	-3.1	5	-	-	94	157	14	26	21	17	5	1	2	2	0	5	12	7	0	0	0	5.25	90	-	
SHREWSBURY ...	9 9	55	14.0	5.3	9.7	-1.7	24.8	14	-2.5	5	11.1	10.2	95	168	14	26	20	17	3	1	0	2	1	0	3	10	-	0	0	5.06	88	-	
WEST MIDLANDS																																	
BIRMINGHAM																																	
EDGBASTON ...	21-9	163	13.6	6.2	9.9	-1.5	24.3	15	-0.6	2	8.5	-	132	191	30	30	21	14	4	0	2	0	2	0	1	7	5	0	0	5.43	99	-	
ELMDON AIRPORT ...	21-9	96	13.9	5.7	9.8	-1.2	23.7	15	-1.4	5	-	-	114	-	28	30	21	15	4	1	3	1	4	0	5	8	5	0	0	5.82	98	-	
KING EDWARD'S SCHOOL ...	9 9	137	14.6	5.9	10.3	-	24.3	14.15	-0.2	2	-	-	131	202	28	30	18	14	-	0	-	-	-	0	1	-	-	-	-	-	-	-	
COVENTRY AIRPORT ...	9 9	81	-	-	-	-	-	-	-	-	-	-																					



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DISTRICT REGION/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 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	O.P.L.E.	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	16.3	7.0	11.7	-0.7	27.5	15	0.0	3.4	-	-	89	175	19	10	16	12	-	0	0	-	-	-	-	0	-	-	-	-	-	
ENFIELD ...			9 9	17	16.2	7.4	11.8	-	27.1	15	0.4	2.3	11.6	9.9	104	-	21	30	17	14	0	0	0	0	0	0	0	7	-	0	0	0		
GREENWICH ...			9 9	7	16.2	7.5	11.9	-	27.2	15	0.7	5	-	-	83	186	20	10	16	12	0	0	0	0	0	0	0	4	-	0	0	0		
HAMPSTEAD ...			9 9	137	15.0	6.8	10.9	-0.9	26.1	15	-0.6	4	-	-	124	238	25	30	17	16	0	0	0	0	0	0	3	7	-	0	0	0		
HAMPTON ...			9 9	12	15.5	-	-	-	25.4	15	-	-	-	-	91	186	18	20	20	12	2	0	0	0	0	0	0	0	0	0	0	0	0	
HARROW WEALD ...			9 9	98	15.5	-	-	-	26.0	15	-	-	11.7	10.2	114	-	21	10	19	13	-	-	-	-	-	-	-	-	-	-	-	-	-	
HEATHROW AIRPORT ...			21-9	25	15.8	7.2	11.5	-1.0	26.2	15	-0.9	3	-	-	87	174	18	10	17	13	2	0	1	0	6	0	2	7	3	0	0	0	0	
KENSINGTON PALACE			9 9	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
KEM			21-9	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
PSYCHROMETER ...			9 9	15.6	6.4	11.0	-	26.1	15	-1.4	4	11.3	9.7	101	210	20	10	19	13	3	0	0	2	5	0	2	12	3	0	0	0	0	0	
NORTH WALL SCREEN ...			9 9	16.3	7.4	11.9	-0.7	27.0	15	0.4	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
LONDON																																		
WEATHER CENTRE (X)			21-9	77	16.0	8.8	12.4	-	27.7	14	1.6	2	-	-	101	-	21	20	18	14	4	0	3	0	3	0	0	0	0	0	0	0	0	
ST JAMES'S PARK ...			9 9	9	16.3	7.9	12.1	-1.0	26.6	14.15	0.8	3	-	-	99	207	22	10	17	15	-	0	-	-	-	-	4	-	0	0	0	0	0	
SOUTHGATE ...			9 9	67	15.6	7.0	11.3	-0.9	26.2	15	-0.2	2	11.0	-	136	277	33	30	17	15	1	0	0	0	3	0	2	7	-	0	0	0	0	
WADDON ...			9 9	59	15.6	6.9	11.3	-0.8	26.0	15	0.0	4	-	-	97	189	18	1	16	14	-	-	-	-	-	-	-	-	-	-	-	-	-	
WILTSHIRE																																		
BOSCOMBE DOWN ...			21-9	126	13.9	5.3	9.6	-1.7	24.3	15	-1.2	3	11.2	9.4	103	181	15	20	19	16	5	0	1	2	1	0	5	10	6	0	0	0	0	
LACOCK ...			9 9	49	13.9	5.0	9.5	-	24.4	15	-2.9	4	-	-	141	228	29	30	22	20	1	0	2	0	0	1	5	9	-	0	0	0	0	
LARKHILL ...			9 9	122	14.1	5.0	9.5	-1.6	25.1	15	-1.7	3	-	-	110	196	15	25	17	15	4	0	3	2	1	0	5	8	5	0	0	0	0	
LYNEHAM ...			21-9	145	13.3	5.6	9.5	-1.7	24.1	15	-1.4	4	-	-	123	201	21	30	17	16	5	0	0	7	2	1	5	6	5	0	0	0	0	
PORTON ...			9 9	111	13.9	4.8	9.3	-1.8	24.2	15	-2.3	5	10.6	-	115	188	19	20	18	17	-	0	-	-	-	-	0	5	9	7	0	0	0	
TROWBRIDGE ...			9 9	37	14.6	5.4	10.0	-	26.0	15	-1.9	4.6	11.1	-	136	-	38	30	20	16	5	0	2	0	3	0	5	10	-	0	0	0	0	
UPAVON ...			21-9	179	13.6	5.2	9.4	-	24.2	14.15	-1.5	4.6	-	-	115	192	13	20	17	16	5	0	6	1	0	0	5	-	-	0	0	0	0	
BERKSHIRE																																		
EASTHAMPTON ...			9 9	77	15.2	5.3	10.3	-	26.0	15	-3.5	4	10.8	9.8	118	-	26	30	21	14	2	0	2	0	5	0	4	10	6	0	0	0	0	
HURLEY ...			9 9	43	15.1	5.7	10.4	-	25.2	15	-1.8	4	11.2	-	131	239	23	30	23	17	1	0	0	1	3	1	4	9	-	0	0	0	0	
LAMBOURN (WARREN FARM)			9 9	192	13.5	5.3	9.4	-	24.2	15	-1.1	2	10.2	-	129	-	20	1	20	16	1	0	0	1	2	-	5	-	-	0	0	0	0	
READING ...			9 9	66	15.0	6.0	10.5	-	25.0	15	-0.8	3	11.0	9.8	103	-	19	20	21	15	1	0	0	1	3	0	2	11	6	0	0	0	0	
SHINFIELD (N.I.R.D.) ...			9 9	62	15.1	5.6	10.3	-	25.3	15	-1.9	3	-	-	98	-	18	20	19	16	2	0	0	2	1	1	3	8	-	0	0	0	0	
SURREY																																		
MICKLEHAM ...			9 9	55	-	4.8	-	-	-	-	-2.4	4	11.1	9.4	101	181	20	20	18	14	1	0	0	0	4	0	5	-	-	0	0	0	0	
WISLEY ...			9 9	32	16.0	6.1	11.1	-1.0	26.1	14	-1.6	4	11.5	10.5	89	177	16	20	19	15	3	0	1	0	3	0	3	9	-	2	0	0	0	
KENT																																		
DOVER R.M.S. ...			9 9	123	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DUNGENESS ...			9 9	6	13.6	7.2	10.4	-	20.0	15	-0.2	3.5	-	-	67	158	15	10	18	10	1	0	0	0	3	1	2	-	-	0	0	0	0	
EAST MALLING ...			9 9	52	16.0	6.1	11.1	-0.4	26.4	15	-0.5	3	12.0	10.5	74	151	18	10	19	12	3	0	0	2	3	0	1	12	5	0	0	0	0	
EDENBRIDGE ...			9 9	45	15.4	4.3	9.9	-	26.0	15	-2.6	3	-	-	78	-	18	10	16	11	-	-	-	-	-	-	-	-	-	-	-	-	-	
ELMSTONE ...			9 9	5	16.3	5.3	10.8	-	26.4	15	-2.6	6	-	-	65	158	20	1	15	8	1	0	0	0	1	0	4	-	-	0	0	0	0	
FAVERSHAM ...			9 9	48	15.6	6.6	11.1	-	25.9	15	-1.2	5	10.7	9.8	71	150	18	1	19	11	1	0	0	0	1	0	2	6	-	0	0	0	0	
FOLKESTONE ...			9 9	31	14.3	6.0	10.1	-	23.9	15	-1.9	5	-	-	98	213	26	10	16	11	3	0	0	0	2	1	2	9	-	0	0	0	0	
GILLINGHAM ...			9 9	3	16.6	7.1	11.9	-	27.3	15	1.0	3.4	-	-	71	160	26	10	10	8	-	-	-	-	-	-	-	-	-	-	-	-	-	
GOUDHURST ...			9 9	85	15.2	5.7	10.5	-0.8	25.7	15	-1.8	5.6	-	-	75	137	18	1	20	13	3	0	0	0	1	0	4	11	-	0	0	0	0	
HADLOW COLLEGE ...			9 9	27	15.9	5.1	10.5	-	26.2	15	-1.5	4	11.3	10.0	83	-	26	28	17	12	3	0	0	0	1	1	4	13	-	0	0	0	0	
HERNE BAY ...			9 9	31	15.6	6.4	11.0	-	-																									



DISTRICT REGION/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 2-8)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		50 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	DRY	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 NM & I.O.M.																																
CUMBRIA																																
CARLISLE ...	21-9	26	12.4	5.2	8.8	-	17.0	29	-2.0	4	10.6	9.3	83	141	10	30	21	16	5	0	3	1	1	3	10	3	0	5.18	-	-	-	-
CARTHEL ...	9-9	35	12.1	4.6	8.3	-	17.5	13	-3.7	4	-	-	106	-	14	6	20	16	0	0	0	0	1	0	5	-	-	-	-	-	-	-
ESKMEALS ...	9-9	8	11.5	5.2	8.3	-	17.5	20	-3.3	4	-	-	92	-	14	30	21	17	-	0	-	2	3	7	4	0	0	5.47	-	-	-	-
GRIZEOALE ...	9-9	91	12.5	3.3	7.9	-	17.2	13	-4.5	4	8.2	-	105	94	14	8	24	18	5	1	0	0	0	0	7	13	-	-	-	-	-	-
MOOR HOUSE ...	9-9	556	8.5	1.5	5.0	-	15.8	13	-5.4	2	5.5	-	172	135	20	17	23	19	5	1	2	1	2	4	11	15	-	-	-	-	-	-
NEWTON RIGG ...	9-9	171	12.4	4.4	8.4	-1.7	17.6	12.13	-1.5	4	10.0	-	109	192	14	18	20	18	3	1	0	0	0	1	4	11	-	-	-	-	-	-
SELLFIELD ...	9-9	13	11.2	5.9	8.5	-	16.9	20	-0.5	5	-	-	94	135	12	27	20	17	-	0	-	-	-	0	2	7	-	-	-	-	-	-
LANCASHIRE																																
AUGHTON ...	21-9	54	12.5	5.8	9.1	-	20.6	13	-1.1	2	10.2	9.4	98	-	18	6	22	17	4	0	1	2	2	1	1	7	5	0	6.01	-	-	-
HAZELRIGG ...	9-9	95	11.6	5.2	8.4	-	16.7	13	-1.7	4	9.2	-	129	-	16	26	24	20	7	1	0	0	3	4	3	7	7	0	4.69	-	-	-
HELMESHORE ...	9-9	260	-	-	-	-	-	-	-	-	-	-	165	172	24	6	22	17	3	0	0	0	0	-	-	1	-	-	-	-	-	-
KIRKHAM ...	9-9	24	12.3	5.4	8.9	-	19.9	13	-2.1	4	-	-	109	170	17	6	19	16	2	0	1	0	1	0	3	-	-	-	-	-	-	-
MORECAMBE ...	9-9	7	12.0	6.5	9.3	-2.2	15.8	20	0.2	4	-	-	108	164	11	6	23	18	1	0	0	0	0	0	0	-	-	-	-	-	-	-
PRESTON ...	9-9	33	12.8	5.6	9.2	-	21.1	13	-1.9	4	-	-	126	186	21	6	23	19	3	0	0	1	3	1	4	7	-	-	-	-	-	-
SLADBURN ...	9-9	192	12.2	4.4	8.3	-	20.4	13	-3.0	4	-	-	149	160	26	6	23	19	5	0	2	0	0	1	4	9	-	-	-	-	-	-
SQUIRES GATE AIRPORT ...	21-9	10	12.4	5.9	9.1	-1.8	17.4	13	-1.6	5	-	-	98	160	12	26	20	17	3	0	1	1	2	0	2	6	2	0	6.31	91	-	-
MERESIDE																																
RIGBURTH ...	9-9	12	13.2	6.8	10.0	-	21.2	13	0.8	2	-	-	98	-	13	22	22	17	1	0	2	2	3	1	0	3	1	0	4.73	-	-	-
BISTON ...	9-9	60	12.5	6.4	9.5	-	19.8	12	1.1	2	-	-	92	155	13	30	20	15	5	0	6	0	4	1	0	5	-	-	-	-	-	-
ST HELENS ...	9-9	76	14.6	5.4	10.0	-	23.6	13	-1.0	2	11.5	-	98	-	17	6	21	18	2	-	0	0	0	-	3	-	-	-	-	-	-	-
SOUTHPORT ...	9-9	5	12.4	5.9	9.1	-2.0	18.5	13	-0.5	5	10.6	9.0	97	159	15	26	20	15	-	-	-	-	-	-	4	-	-	-	-	-	-	-
WEST KIRBY PARK ...	9-9	7	13.6	6.5	10.1	-1.5	20.0	13	1.5	2	-	-	97	168	15	7.22	25	17	-	0	-	-	-	-	0	0	-	-	-	-	-	-
GREATER MANCHESTER																																
BOLTON ...	9-9	107	-	-	-	-	-	-	-	-	-	-	160	-	26	6	22	18	-	0	-	-	-	-	-	-	-	-	-	-	-	-
MANCHESTER																																
RINGWAY AIRPORT ...	21-9	75	13.2	6.0	9.6	-1.7	22.9	14	-1.6	2	-	-	107	179	19	7	21	15	4	0	1	1	5	0	2	6	5	0	5.64	95	-	-
WEATHER CENTRE (X)	21-9	69	13.7	6.8	10.3	-	24.0	14	0.2	2	-	-	129	-	17	6	20	18	5	-	0	2	3	2	0	-	-	-	-	-	-	-
CHESHIRE																																
KNUTSFORD ...	9-9	65	14.1	5.1	9.6	-	24.0	14	-2.0	4	10.5	9.2	105	159	13	26	22	17	1	0	0	0	0	-	4	8	-	-	-	-	-	-
MACCLESFIELD ...	9-9	152	13.2	5.2	9.2	-1.9	24.0	14	-2.4	2	-	-	135	211	18	7	21	19	5	0	2	0	2	0	4	-	-	-	-	-	-	-
NESS GARDENS ...	9-9	30	13.2	5.3	9.3	-	22.8	13	0.0	5	10.2	-	92	158	13	30	18	16	3	0	1	1	2	1	0	12	-	-	-	-	-	-
ISLE OF MAN																																
DOUGLAS ...	9-9	85	10.4	5.3	7.9	-2.4	14.0	12	0.2	4	-	-	72	96	15	28	16	11	1	0	4	0	0	2	0	3	-	-	-	-	-	-
POINT OF AYRE ...	21-9	9	12.0	5.5	8.7	-2.1	16.9	13	0.2	5	-	-	56	94	10	28	17	13	0	0	2	0	0	0	0	-	-	-	-	-	-	-
RONALDSWAY AIRPORT ...	21-9	16	10.3	5.3	7.8	-2.5	13.9	11	0.0	5	-	-	63	113	12	28	20	15	4	0	1	4	0	0	0	8	3	0	6.31	88	-	-
7B WALES N																																
GWYNEDD																																
BALA ...	9-9	163	12.0	4.3	8.1	-	19.8	15	-3.9	5	9.4	8.9	127	160	17	6	21	17	5	2	0	2	0	0	5	11	6	0	5.34	-	-	-
BARSEY ISLAND ...	21-9	15	10.3	6.5	8.4	-	13.1	29	0.7	2	-	-	115	198	33	10	18	12	0	0	0	0	0	3	0	2	1	0	-	-	-	-
BETHWS-Y-COED ...	9-9	20	(13.7) (4.9)	(9.3)	-	21.8	15	-1.6	5	(10.4)	-	-	147	-	19	28	24	20	0	1	0	1	0	-	5	5	-	-	-	-	-	-
BOTHMNOG ...	9-9	34	11.3	5.1	8.2	-	15.3	11	-1.4	4	11.0	10.6	134	186	28	10	19	12	0	0	0	0	0	1	2	10	-	-	-	-	-	-
CHWYSTADLLYN ...	9-9	204	11.0	5.1	8.1	-	15.5	27	-1.0	4	-	-	215	-	40	10	24	21	-	-	-	-	-	-	1	-	-	-	-	-	-	-
LLYN ALAW ...	9-9	44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PEN-Y-FFRIDD ...	9-9	84	13.2	5.3	9.3	-	20.6	29	-0.8	4	-	-	122	172	25	6	22	17	1	0	0	5	0	0	4	9	-	-	-	-	-	-
TRAFSFYNYDD ...	9-9	193	-	-	-	-	-	-	-	-	-	-	210	212	45	7	27	18	-	1	-	-	-	-	-	-	-	-	-	-	-	-
VALLEY ...	21-9	10	11.2	6.6	8.9	-2.1	14.5	29	1.7	9	-	-	85	147	13	22	20	14	2	0	0	3	0	1	0	7	3	0	6.14	86	-	-
CLMYD																																
ALWEN ...	9-9	335	11.3	2.7	7.0	-	20.1	15	-5.8	5	-	-	122	140	16	30	23	20	-	2	-	-	-	0	9	15	-	-	-	-	-	-
BMLCHGWYN ...	9-9	386	11.0	3.8	7.4	-	20.5	14	-1.5	5	7.1	-	50	57	8	22	21	15	3	1	0	0	0	0	4	-	-	-	-	-	-	-
COLWYN BAY ...	9-9	18	12.5	5.9	9.2	-	18.3	12	0.9	2	10.7	-	107	213	17	7	21	20	0	0	0	0	0	0	0	-	-	-	-	-	-	-
CORMEN ...	9-9	144	13.2	4.0	8.6	-	21.5	15	-3.5	6	-	-	115	154	14	26.30	22	16	6	2	0	4	1	1	5	13	-	-	-	-	-	-
HAWARDEN BRIDGE ...	9-9	5	14.3	6.1	10.2	-1.6	23.3	12	0.5	5	-	-	112	197	15	18	23	18	2	0	6	0	1	1	0	-	-	-	-	-	-	-
LOGGERSHEADS ...	9-9	210	12.1	4.2	8.1	-	21.5	14	-1.8	5	8.9	8.1	101	146	15	30	22	17	4	2	0	0	1	0	3	12	-	-	-	-	-	-
PRESTATYN ...	9-9	4	12.7	6.7	9.7	-1.8	19.5	13	1.9	2	-	-	104	207	16	7	22	18	1	0	1	1	1	0	0	-	-	-	-	-	-	-
RUTHIN ...	9-9	76	13.4	5.3	9.3	-	22.4	14	-0.5	4.5	-	-	62	105	12	30	20	16	3	0	0	0	0	0	2	-	-	-	-	-	-	-
POWYS(NORTH)</																																



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DISTRICT REGION/COUNTY AND PLACE	MAX. MIN. OF OBSERVATION	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 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																							
8A WALES S CONTINUED																																		
MID GLAMORGAN																																		
ABERDARE FILTER STATION	9 9	174	-	-	-	-	-	-	-	-1.7	5	-	-	118	-	17	10	21	15	2	1	0	0	1	2	0	5	5	-	-	-	-	-	-
CILFYNYDD	21-9	194	-	-	5.2	-	-	-	-	-	-	-	-	166	154	34	10	22	15	3	0	0	1	0	0	2	5	-	-	-	-	-	-	
LLWYNON	9 9	241	11.8	4.4	-	8.1	-	23.0	15	-2.6	5	-	-	156	154	34	10	22	15	3	0	0	1	0	0	2	5	-	-	-	-	-	-	
PORTHCAWL	9 9	6	12.7	6.9	-	9.8	-	17.5	13	0.1	3	-	-	115	177	46	10	13	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SOUTH GLAMORGAN																																		
BRIDGEND	9 9	40	13.2	5.8	-	9.5	-	23.3	15	-1.7	5	11.6	10.0	151	-	63	10	20	17	1	0	1	0	0	0	4	9	-	0	-	-	-	-	
CARDIFF (BUTE PARK)	9 9	9	13.9	5.9	-	9.9	-	24.2	15	-1.9	5	12.5	10.7	110	-	24	10	21	14	1	0	0	0	0	0	5	8	-	0	-	-	-	-	
RHOOSE AIRPORT	21-9	67	12.8	6.0	-	9.4	-	22.9	15	-1.7	5	-	-	124	-	54	10	19	12	2	0	5	2	2	4	4	7	5	-	0	-	-	-	
GWENT																																		
CRUMBLAND	9 9	245	13.1	5.2	-	9.1	-	22.6	15	-2.0	2.3	9.5	8.7	115	144	25	30	18	13	1	0	0	1	1	2	5	8	-	0	-	-	-	-	
USK	9 9	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
8B ENGLAND SW																																		
AVON																																		
BATH	9 9	118	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FILTON	21-9	59	13.5	6.2	-	9.9	-1.8	24.5	15	-0.6	4	-	-	150	234	41	30	19	17	3	0	7	0	3	0	2	8	5	0	5.79	94	-	-	
LONG ASHTON	9 9	51	13.6	5.6	-	9.6	-2.1	25.0	15	-2.0	4	11.1	-	144	209	35	30	20	16	4	0	2	0	4	0	4	7	-	0	5.70	90	-	-	
SOMERSET																																		
BRYMORE	9 9	23	14.3	5.5	-	9.9	-	25.0	15	-1.4	5	11.5	-	125	-	22	10	22	18	3	0	0	4	2	1	2	9	-	0	5.25	-	-	-	
CREWKERNE	9 9	101	13.0	5.7	-	9.3	-	22.9	15	-1.6	3	10.8	-	163	-	47	30	18	17	1	0	1	0	2	-	1	-	-	-	-	-	-	-	
DOWNSIDE ABBEY	9 9	183	12.8	5.5	-	9.1	-	23.8	15	-1.5	5	-	-	173	206	39	30	19	17	2	-	1	0	1	3	5	-	-	-	-	-	-	-	
EXTON	21-9	329	12.4	4.4	-	8.4	-	23.1	15	-1.4	4	-	-	141	-	19	1	24	19	5	3	6	4	1	2	5	11	7	0	-	-	-	-	
HAMKRIDGE	9 9	314	11.7	2.7	-	7.2	-	22.3	14	-3.9	4	-	-	144	140	21	1	25	21	3	1	2	0	0	1	7	12	-	0	5.17	-	-	-	
NETTLECOMBE	9 9	96	13.6	4.5	-	9.1	-	23.4	15	-1.2	6	12.0	-	121	-	14	17	20	16	4	0	0	3	0	3	4	10	-	0	-	-	-	-	
NETTLECOMBE (BIRDS HILL)	9 9	280	-	4.7	-	-	-	-	-	-0.9	2	-	-	126	-	15	1	20	18	2	0	0	2	0	2	3	10	-	0	-	-	-	-	
RODNEY STOKE	9 9	40	13.6	5.7	-	9.7	-	24.3	15	-0.3	2	11.2	10.2	155	224	39	30	19	17	1	0	2	0	2	1	1	7	-	0	-	-	-		
WINCANTON	9 9	113	14.0	4.1	-	9.1	-	25.0	15	-2.5	6	-	-	158	229	42	30	18	17	3	0	0	1	2	3	4	9	-	0	5.74	-	-	-	
YEOVILTON	21-9	18	13.9	5.1	-	9.5	-	24.1	15	-4.1	6	-	-	171	272	55	30	17	15	1	0	1	0	2	2	4	11	5	0	-	-	-	-	
DORSET																																		
BOURNEMOUTH																																		
HURN AIRPORT	21-9	10	14.1	5.3	-	9.7	-	21.0	15	-2.2	6	-	-	114	196	15	20	17	14	1	0	0	3	0	0	6	10	5	0	7.07	-	-	-	
DORSET TECH COLLEGE	9 9	50	14.6	5.7	-	10.1	-	20.5	15	-1.0	5	10.5	9.5	119	-	16	28	17	15	-	0	-	-	-	0	1	9	-	-	-	-	-	-	
CHRISTCHURCH	9 9	4	13.6	6.5	-	10.1	-	19.0	12	-0.1	6	-	-	114	203	18	28	15	13	1	0	2	0	1	-	1	9	-	0	-	-	-	-	
POOLE	9 9	5	14.5	5.7	-	10.1	-2.0	21.5	15	-1.8	5	11.7	10.7	118	208	16	25	16	14	0	0	2	0	0	0	3	11	-	0	7.33	101	-	-	
PORTLAND BILL (COASTGUARD)	21-9	53	11.9	7.0	-	9.5	-1.6	15.8	15	1.3	2	-	-	101	-	26	30	16	12	1	0	0	0	3	5	0	0	0	1	7.03	-	-	-	
SWANAGE	9 9	11	12.9	6.7	-	9.8	-1.7	18.5	14	0.6	5	-	11.1	114	207	20	1	17	14	2	0	0	0	0	2	0	5	-	0	7.67	103	-	-	
MEYMOUTH	9 9	23	13.4	6.2	-	9.8	-	19.0	14.15	-0.6	6	-	-	128	-	35	30	15	14	2	0	0	0	1	0	1	-	-	0	6.99	95	-	-	
WINFRITH	9 9	26	13.8	5.3	-	9.5	-	23.2	15	-1.5	5.6	-	-	131	215	31	30	16	14	1	0	1	0	1	1	3	10	-	0	-	-	-	-	
DEVON																																		
CHARLEIGH	9 9	168	13.4	4.6	-	9.0	-	23.9	14	-2.0	6	10.5	-	84	-	10	10	21	20	4	1	5	0	0	-	5	11	-	0	5.71	-	-	-	
EXETER AIRPORT	21-9	32	14.0	5.7	-	9.9	-1.6	21.9	14	-1.7	5	-	-	84	137	13	25	20	17	3	0	1	5	2	0	2	10	3	0	5.41	83	-	-	
EXMOUTH	9 9	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HARTLAND POINT	21-9	93	10.8	7.0	-	8.9	-2.0	16.4	15	2.0	2.4	-	-	72	124	11	28	20	15	1	0	0	2	0	5	0	0	2	7.09	100	-	-	-	
HEMYOCK	9 9	165	13.2	4.9	-	9.1	-	23.1	15	-1.1	5	-	-	129	-	21	25	22	17	0	0	0	0	0	-	2	14	-	0	5.52	-	-	-	
ILFRACOMBE	9 9	8	12.6	7.4	-	10.0	-	17.8	15	1.4	2	12.3	11.2	113	166	17	1	21	16	2	0	2	2	1	3	0	-	-	0	5.78	-	-	-	
MELBURY	9 9	143	12.6	5.2	-	8.9	-	22.0	15	0.0	3	-	-	113	-	14	22	23	18	-	0	-	-	-	-	0	-	-	-	-	-	-	-	
ONEHAMPTON	9 9	372	11.7	4.7	-	8.2	-	23.2	15	-1.6	2	-	-	151	-	20	28	22	20	4	3	0	5	0	4	3	8	-	0	-	-	-	-	
PLYMOUTH																																		
MOUNT BATTEN	21-9	27	12.6	6.4	-	9.5	-2.0	20.2	15	-0.5	5	-	-	97	143	12	25	19	19	1	0	0	4	0	0	2	7	4	0	8.05	113	-	-	
THE MOE	9 9	36																																



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

MAY 1979

DISTRICT REGION/COUNTY AND PLACE	MAX. TERMINAL HEIGHT MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C						MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL H 09 GMT)		WEATHER (NUMBER OF DAYS)										BRIGHT SUNSHINE									
			MEANS OF		DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM	30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY		PRECIP- ITATION	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS MIN. BELOW 0 DEG C	CONCRETE MIN. BELOW 0 DEG C	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE EXPOSURE				
			MAX. (A)	MIN. (B)			MAX.	DATE						MIN.	DATE														AMOUNT (MM)	DATE		
NORTHERN IRELAND																																
LONDON DERRY																																
AGHANLOO ...	9.9	18	12.1	4.3	8.2	-	18.7	13	-1.1	4	-	-	69	-	14	27	24	18	3	0	5	0	4	0	1	12	-	-	-	-	-	
BANAGHER (CAUGH HILL) ...	9.9	216	11.3	3.4	7.3	-	17.0	13	-2.0	4.5	-	-	126	-	24	27	28	22	7	0	4	0	3	0	6	9	-	1	5.24	-	-	
BOOM HALL ...	9.9	37	12.5	5.0	8.7	-	18.0	13	-1.2	2	-	-	95	-	9	27	27	21	2	0	1	0	3	0	2	2	-	-	-	-	-	
CARMONEY ...	9.9	73	11.5	4.5	8.0	-	17.0	13	-0.6	4	-	-	90	-	14	27	27	18	5	0	0	0	0	0	1	10	-	-	5.68	-	-	
COLERAINE UNIVERSITY ...	9.9	23	11.7	4.3	8.0	-	19.2	13	0.2	4	10.0	8.3	54	-	8	27	22	15	5	0	0	5	2	0	0	16	-	0	5.36	-	80	
COOLKEERAGH ...	9.9	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DERRYNOYD FOREST ...	9.9	88	12.9	3.8	8.3	-	18.7	13	-2.3	4	-	-	111	139	16	25	27	18	4	1	10	0	4	0	6	17	-	-	-	-	-	
GARYVAGH FOREST ...	9.9	88	12.0	3.3	7.7	-	19.3	13	-2.1	4	-	-	84	105	15	27	25	18	15	0	1	0	0	0	6	18	-	-	-	-	-	
LOUGHMORE FOREST ...	9.9	174	11.7	2.8	7.3	-	18.1	13	-4.2	4	-	-	100	132	10	23	27	26	6	1	7	4	6	0	8	16	-	-	0	-	-	
MONEYDIG ...	9.9	34	12.7	3.9	8.3	-2.0	19.1	13	-1.9	4	10.3	-	71	101	8	1	24	17	5	1	5	0	4	0	3	18	-	5	0	-	-	
TRAID POINT ...	9.9	16	12.5	4.4	8.5	-	19.0	13	-2.5	4	-	-	95	-	23	18	22	19	1	-	0	0	3	-	4	-	-	-	-	-	-	
ANTRIM																																
ALDERGROVE AIRPORT ...	21.9	68	12.4	4.4	8.4	-2.0	19.4	13	-1.6	4	9.9	8.3	89	144	10	10	27	22	5	0	0	6	4	0	5	10	8	0	5.42	88	-	
ALTNAHINCH ...	9.9	213	10.7	3.0	6.9	-	18.8	13	-3.8	4	-	-	103	106	17	27	26	21	4	1	1	2	2	1	8	14	-	0	5.16	-	-	
BALLYLUMFORD ...	9.9	24	12.1	5.0	8.5	-	19.2	13	0.5	4	-	-	54	-	10	27	17	14	-	-	-	-	-	-	0	10	-	-	-	-	-	
BALLYPATRICK FOREST ...	9.9	152	10.9	3.6	7.3	-	18.7	13	-2.3	4	-	-	73	92	16	27	22	18	4	-	2	0	0	0	4	13	-	0	6.34	-	-	
CARLLOUGH ...	9.9	12	12.1	4.2	8.1	-	19.5	13	-0.5	5	-	-	81	-	13	27	22	20	2	-	2	0	0	0	2	-	-	-	-	-	-	
DIVIS MOUNTAIN ...	9.9	363	9.9	2.2	6.1	-	17.3	13	-4.2	4	-	-	108	132	18	27	22	20	2	-	1	1	1	-	8	-	-	-	-	-	-	
GREENMOUNT ...	9.9	38	12.5	4.3	8.4	-	19.4	14	-3.8	4	10.7	-	91	154	9	7	24	21	3	0	1	0	3	-	4	11	-	-	-	-	-	
HYDE PARK (MALLUSK) ...	9.9	140	11.9	3.9	7.9	-	18.2	13	-2.5	4	-	-	103	-	15	27	24	21	5	0	2	0	0	0	5	12	-	-	-	-	-	
KILROOT POWER STATION ...	9.9	12	12.2	4.6	8.4	-	19.0	13	-1.0	4	-	-	71	-	12	24	26	17	3	0	1	0	0	-	3	9	-	-	5.10	-	-	
LISNAFFILLAN ...	9.9	38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LOWTOWN ...	9.9	271	10.4	2.9	6.7	-	17.4	13	-3.5	1	7.7	-	103	107	15	27	24	21	5	0	0	0	0	2	7	13	-	2	5.10	-	-	
PARKMORE FOREST ...	9.9	235	10.2	2.3	6.3	-	17.5	13	-4.0	4	7.9	-	105	103	20	27	24	21	5	3	1	0	3	1	10	13	-	0	-	-	-	
WOODBURN NORTH ...	9.9	217	11.0	3.6	7.3	-	19.0	13	-1.5	4	-	-	81	98	11	10	22	19	0	-	0	0	0	0	5	11	-	-	-	-	-	-
BELFAST																																
ANDERSONSTOWN ...	9.9	64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MALONE ...	9.9	35	12.4	4.6	8.5	-	19.7	13	-1.4	4	9.3	-	81	-	11	24	25	21	-	-	-	-	-	-	1	10	-	-	5.37	-	-	
MILLTOWN ...	9.9	37	13.2	4.5	8.9	-	20.0	13	-1.4	4	-	-	76	-	10	24	24	17	-	-	-	-	-	-	2	-	-	-	-	-	-	
NEWTOWNABBIEY ...	9.9	32	12.3	5.5	8.9	-	19.7	13	0.8	4	10.5	-	72	106	9	10	23	16	4	0	6	0	2	0	0	7	4	0	5.35	-	5	
ROSEBANK ...	9.9	47	12.7	4.5	8.6	-	19.5	13	-0.6	5	-	-	65	-	11	10	23	20	4	0	1	0	0	-	2	-	-	-	-	-	-	
ROSETTA ...	9.9	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SHAW'S BRIDGE ...	9.9	15	12.9	4.2	8.5	-	20.4	13	-2.7	4	-	-	76	-	10	24	23	16	5	0	0	5	4	-	5	-	-	-	-	-	-	
STORMONT CASTLE ...	9.9	56	11.9	3.9	7.9	-	18.5	13	-1.7	2	10.4	9.2	84	135	16	27	24	18	0	0	0	0	0	0	5	9	-	-	5.22	-	-	
DOWN																																
BANGOR SEACOURT ...	9.9	15	12.0	5.4	8.7	-	17.8	13	1.2	2.4	10.5	9.5	66	-	10	24	23	14	6	0	8	0	4	0	0	8	0	1	5.85	-	-	
BALLYWALTER PARK ...	-	11	-	-	-	-	-	-	-	-	-	-	57	96	9	7	23	14	-	-	-	-	-	-	-	-	-	-	-	-	-	
BALLYWATTICOCK ...	9.9	6	11.8	4.9	8.3	-	16.2	31	-1.0	4	9.3	8.6	59	111	10	10	21	15	5	0	0	2	3	0	1	8	7	1	5.80	-	-	
BRYANSFORD ...	9.9	85	11.9	4.6	8.3	-	18.2	14	-1.0	4	10.9	9.6	93	-	19	27	21	20	3	0	3	0	0	0	3	7	7	0	6.07	-	-	
DOWNPATRICK ...	9.9	26	12.1	4.9	8.5	-	17.0	11	-1.0	4	-	-	64	-	9	7	17	12	-	-	-	-	-	-	1	8	-	-	-	-	-	
HELENS BAY ...	9.9	43	12.5	4.9	8.7	-	19.9	13	0.5	4	-	-	70	120	12	27	22	18	2	0	0	4	3	0	0	11	-	0	5.75	-	-	
HILLSBOROUGH ...	9.9	116	11.7	3.2	7.5	-2.4	18.7	13	-3.3	4	9.1	-	89	148	13	7	23	20	2	0	2	0	1	0	7	13	-	1	5.55	93	-	
LONG KESH ...	21.9	37	12.5	4.1	8.3	-	20.0	13	-3.4	4	9.6	8.6	73	-	11	7	24	18	4	0	7	0	2	0	5	12	10	0	5.60	-	-	
LOUGH COWEY ...	9.9	10	11.5	4.2	7.9	-	15.0	12	-1.0	4	-	-	51	-	9	7	17	14	1	0	0	0	1	1	1	-	-	-	-	-	-	
MAGHERALLY ...	9.9	97	12.3	2.8	7.5	-	19.8	13	-5.3	4	-	-	77	-	10	7	24	20	6	1	5	4	2	-	9	11	-	-	-	-	-	
MURLLOUGH ...	9.9	9	12.1	4.0	8.1	-	16.6	11	-3.2	4	9.0	8.0	68	-	12	7	22	16	2	0	1	1	0	3	6	8	-	3	5.85	-	-	
NEWRY ...	9.9	1	12.6	4.7	8.7	-	18.9	13	-2.9	4	-	-	96	-	18	7	24	20	0	0	1	0	1	0	4	10	-	-	-	-	-	
SILENT VALLEY ...	9.9	129	11.0	3.8	7.4	-	18.2	13	-1.7	19	-	-	95	-	12	17	23	19	6	0	2	0	0	0	4	11	-	-	5.59	-	-	
ARMAGH																																
ARMAGH ...	9.9	62	13.1	4.5	8.8	-2.1	19.8	13	-1.8	4	11.2	10.0	99	163	14	7	28	22	5	0	5	0	2	0	4	9	-	0	4.96	84	-	
LOUGHGALL ...	9.9	25	12.7	4.4	8.5	-	19.4	13	-2.3	4	-	-	98	174	13	7	27	22	5	0	0	0	0	5	16	-	0	5.41	-	-	-	
LURGAN ...	9.9	55	13.0	4.3	8.7	-	19.9	13	-2.9	4	10.4	9.0	87	156	13	21	25	21	2	-	1	0	0	-	4	14	-	-	5.47	-	-	
TANDRAGEE ...	9.9	43	13.5	3.8	8.7	-	19.8	13	-4.0	4	-	-	94	-	16	7	25	19	1	-	0	0	3	-	5	-	-	-	-	-	-	
TYRONE																																
ALTAVEEDAN ...	9.9	175	12.1	3.4	7.7	-	17.6	13	-3.6	4	-	-	64	-	13	8	23	13	-	-	-	-	-	-	6	12	-	-	-	-	-	
C																																



TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

MAY 1979

DISTRICT, REGION/COUNTY AND PLACE	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 - 39 M	40 - 190 M	200 - 390 M	400 - 990 M	1000 - 1900 M	2000 - 3900 M	4 - 9 KM	10 - 19 KM	20 - 39 KM	40 KM AND OVER	BEAUFORT FORCE						N	NE	E	SE	S	SW	W	NW				
										0	1 - 2	3 - 5	6 - 7	8	SKY OBSERVED											SPEED (KT)																	
																										34 OR MORE	22-33	11-21	1-10	0													
																															10 OR MORE									6-7	4-5	1-3	CALM
NUMBER OF OBSERVATIONS																																											
O SCOTLAND N SHETLAND																																											
FAIR ISLE	61	9	1008.5	-	6.1	0.8	8.4	88	6.3	0	4	4	13	9	1	0	0	1	0	1	2	6	5	7	9	1	7	16	7	0	5	2	3	4	6	6	1	4	6	3			
		15	1009.3	-	6.8	0.9	8.7	86	6.2	0	4	3	16	8	0	0	0	0	3	1	0	6	11	4	6	0	7	15	9	0	3	2	4	5	6	5	0	2	6	3			
		21	1010.1	-	5.8	0.7	8.2	88	6.2	0	3	5	11	10	2	0	0	2	0	1	1	5	10	7	5	0	7	14	9	1	6	0	8	2	7	2	2	3	5	1			
LEARNICK	83	3	1008.3	-	4.4	0.5	7.9	92	6.9	0	1	3	12	13	2	0	1	0	0	1	3	10	3	8	5	1	4	11	14	1	2	2	2	6	3	5	2	8	2	6	3		
		9	1008.1	- 6.4	5.9	1.0	8.1	86	6.5	0	2	6	9	14	0	0	0	2	0	1	7	7	5	6	1	4	17	9	0	3	3	1	2	7	6	5	2	6	2				
		15	1008.9	-	6.5	1.3	8.1	83	6.9	0	1	2	14	11	3	0	0	2	2	1	4	6	3	7	6	1	3	20	7	0	3	3	1	8	5	5	2	6	6				
ORKNEY	21	1010.0	-	4.9	0.7	8.0	90	6.3	0	2	6	11	10	2	1	0	1	1	0	6	5	6	4	7	0	2	16	13	0	3	2	2	4	8	3	3	3	6	6				
KIRKWALL	26	3	1008.8	-	5.0	0.5	8.2	92	6.4	0	3	4	14	9	1	0	1	1	0	0	6	6	11	5	0	1	14	12	4	2	2	1	8	3	3	5	3	5	3				
		9	1009.0	- 5.6	7.2	1.1	8.7	84	6.5	0	1	4	16	10	0	0	0	1	0	2	5	2	12	9	0	3	19	9	0	4	3	4	5	3	3	5	3	5	3				
		15	1009.7	-	8.5	1.6	8.9	79	6.3	0	2	5	19	4	1	0	0	1	0	0	0	8	11	10	0	2	22	7	0	3	3	3	9	1	2	6	4	6	4				
WESTERN ISLES	21	1010.3	-	5.9	0.7	8.4	89	5.9	0	4	6	14	7	0	0	0	0	1	0	0	8	5	11	6	0	1	16	12	2	3	2	2	10	2	4	5	1	5	1				
BENBECULA	7	3	1009.0	-	5.7	0.6	8.5	91	5.8	0	4	7	9	11	0	0	0	0	0	1	0	2	9	16	3	0	2	13	16	0	7	2	1	2	8	6	2	3	3	1			
		9	1009.3	- 4.8	7.7	1.2	8.8	82	6.1	0	3	6	15	7	0	0	0	0	0	2	0	4	7	10	8	0	2	20	9	0	4	3	3	3	8	4	1	5	5	5			
		15	1009.5	-	8.9	1.7	9.0	77	5.6	0	4	10	7	10	0	0	0	0	0	0	1	3	6	11	10	0	8	15	8	0	4	1	4	1	7	3	6	5	1				
STORNOWAY	5	3	1008.8	-	6.7	0.8	8.8	88	5.4	0	8	4	13	6	0	0	0	0	0	1	5	6	7	11	0	2	16	13	0	9	1	5	3	4	6	2	1	6	2	1			
		9	1008.8	-	5.4	0.4	8.6	94	5.7	0	5	6	10	10	0	0	0	0	0	0	3	8	17	3	0	2	9	19	1	7	5	1	2	6	3	4	2	3	2				
		15	1009.2	- 5.1	7.3	1.1	8.8	85	6.4	0	0	9	11	11	0	0	0	0	0	0	0	5	10	11	5	0	1	17	13	0	6	6	1	4	6	4	1	3	3	4			
21	1009.4	-	8.5	1.5	8.9	79	6.5	0	1	6	16	8	0	0	0	0	1	0	0	5	4	16	5	1	3	16	11	0	4	6	3	3	7	1	2	5	2	5	3				
HIGHLAND	21	1009.8	-	6.4	0.6	8.9	91	5.9	0	3	5	17	6	0	0	0	0	0	0	1	6	7	13	4	0	2	10	19	0	3	6	3	2	10	2	2	3	2	3	3			
CAPE WRATH	113	3	1008.3	-	5.2	0.3	8.5	95	7.0	0	1	3	10	14	3	0	0	2	1	0	0	6	16	6	1	2	8	20	0	0	7	2	5	2	2	9	3	1	3	1			
		9	1008.5	-	5.8	0.4	8.7	93	6.6	0	2	5	10	10	4	0	1	1	3	0	0	2	6	11	7	1	4	5	19	2	6	0	5	2	2	9	3	2	2	2			
		15	1009.1	-	7.0	0.7	9.1	90	6.5	0	0	7	12	9	3	0	2	1	0	0	1	0	4	16	7	1	2	11	17	0	6	2	9	2	1	4	6	1	4	6	1		
DALCROSS	21	1009.6	-	5.9	0.4	8.9	94	6.7	0	1	4	12	12	2	0	1	0	1	0	0	2	6	17	4	1	2	9	19	0	5	1	9	3	3	7	2	1	6	1				
WICK	12	9	1009.2	-	8.5	1.7	8.6	76	6.0	0	3	6	17	5	0	0	0	0	0	0	5	0	8	18	0	0	15	16	0	3	5	0	1	1	9	3	3	3	3				
		15	1009.1	-	10.7	2.5	9.1	70	6.1	0	0	11	16	4	0	0	0	0	0	0	3	4	12	12	0	0	19	12	0	4	8	2	2	1	4	7	3	3	3				
		3	1008.5	-	4.7	0.5	8.0	92	6.2	1	2	7	10	9	2	0	1	0	2	1	3	7	3	11	3	0	0	13	18	0	4	2	1	7	6	3	4	4	4				
HIGHLAND	37	9	1008.8	- 5.9	7.1	1.2	8.5	83	6.5	0	1	4	19	7	0	0	0	0	0	1	3	4	9	7	0	1	16	14	0	4	3	1	6	5	3	4	5	4	5				
		15	1009.3	-	8.5	1.7	8.8	78	6.2	0	1	7	17	5	1	0	1	0	0	0	1	5	4	9	11	0	1	19	11	0	3	4	4	6	3	1	4	6	5				
		21	1010.0	-	6.5	0.9	8.5	86	6.3	0	2	6	17	6	0	0	0	0	0	0	0	1	7	3	13	7	0	0	11	19	1	3	2	3	7	4	4	2	5	5			
1 SCOTLAND E GRAMPIAN																																											
DYCE	59	3	1009.0	-	5.5	0.6	8.5	91	6.0	0	4	5	11	9	2	0	1	1	1	0	4	6	7	9	2	0	0	8	16	7	2	1	2	2	3	3	8	3	3	3			
		9	1009.3	- 5.7	8.7	1.7	8.8	76	5.7	0	5	6	16	4	0	0	0	0	0	1	0	6	5	7	12	0	0	13	18	0	2	2	1	5	7	3	5	6	6				
		15	1009.5	-	10.9	2.6	9.1	69	6.2	0	0	8	19	4	0	0	0	0	0	0	1	5	3	14	8	0	0	14	17	0	3	1	3	9	8	1	3	3	3				
FRASERBURGH	21	1010.3	-	7.4	0.9	9.2	87	6.5	0	2	3	17	9	0	0	0	0	0	0	0	4	8	6	11	2	0	0	6	20	5	3	1	1	5	8	1	4	3	3				
KINLOSS	22	3	1008.8	-	6.5	0.7	8.8	89	6.8	0	1	4	12	13	1	0	1	0	0	0	0	3	11	16	0	0	4	8	19	0	3	2	0	7	8	2	5	4	5	5			
		9	1009.2	- 5.7	8.1	1.3	9.0	82	6.3	0	2	7	9	13	0	0	0	0	0	0	2	9	20	0	0	7	10	14	0	2	0	4	5	7	2	6	4	5	5				
		15	1009.7	-	9.3	1.4	9.7	82	5.7	0	1	12	11	6	1	0	0	1	0	0	0	0	7	23	0	0	2	18	11	0	2	3	6	5	3	1	5	6	6				
LOSSIEMOUTH	6	3	1008.7	-	7.7	1.0	9.1	85	6.4	0	3	5	11	12	0	0	0	0	0	0	1	11	19	0	0	2	9	20	0	3	3	2	8	6	3	2	4	5	5				
		9	1009.3	- 5.3	8.9	2.0	8.5	74	5.8	0	4	5	16	6	0	0	0	0	0	0	5	2	8	16	0	0	19	12	0	3	2	3	1	1	6	8	7	7					
		15	1009.6	-	10.6	2.7	8.7	68	6.1	0	3	5	18	4	1	0	0	0	0	1	1	5	2	11	11	0	2	16	13	0	5	3	5	3	2	4	6	3	4				
21	1010.3	-	7.8	1.4	8.8	81	6.4	0	2	3	19	7	0	0	0	0	0	0	0	0	6	8	8	9	0	0	12	18	1	2	2	6	5	3	7	4	1	4	1				
TAYSIDE	6	3	1008.7	-	5.5	0.9	7.9	86	6.3	0	4	2	16	9	0	0	0	0	1	0	1	2	6	9	12	0	0	11	19	1	3	2	2	6	2	8	6	1	6	1			
		9	1009.0	-	8.8	1.9	8.5	74	5.9	0	4	4	19	4	0	0	0	0	0	2	3	1	10	15	0	0	14	17	0	0	2	3	2	1	5	10	8	8					
		15	1009.2	-	10.2	2.5	8.7	70	6.4	0	3	3	22	3	0	0	0	0	0	1	5	5	6	14	0	3	12	16	0	3	2	7	3	1	3	5	5	5					
21	1009.9	-	7.7	1.3	8.7	81	6.4	0	2	2	24	3	0	0	0	0	0	0	0																								



TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

MAY 1979

DISTRICT, REGION/COUNTY AND PLACE	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 - 39 M	40 - 190 M	200 - 390 M	400 - 990 M	1000 - 1900 M	2000 - 3900 M	4 - 9 KM	10 - 19 KM	20 - 39 KM	40 KM AND OVER	BEAUFORT FORCE												
										0	1 - 2	3 - 5	6 - 7	8	SKY OBSCURED											SPEED (KT)												
																										10 OR MORE	6-7	4-5	1-3	CALM								
																															22-33	11-21	1-10	0				
NUMBER OF OBSERVATIONS																																						
6 SCOTLAND W -CONTO. DUMFRIES & GALLOWAY																																						
ESKDALEHUIR	237	3	1010.7	-	3.5	0.4	7.5	93	6.4	0	3	4	10	11	3	0	1	1	1	2	5	10	9	1	0	0	5	15	11	4	2	0	2	5	4	2	1	
		9	1010.8	-4.2	6.9	1.5	8.2	80	6.7	0	1	3	17	8	2	0	2	0	0	0	2	5	7	7	8	0	0	9	18	4	1	1	1	3	6	0	3	
		15	1010.8	-	9.2	2.4	8.4	71	6.6	0	0	7	12	11	1	0	0	1	1	0	1	3	11	11	0	0	1	17	12	1	1	1	1	3	10	8	3	3
		21	1011.4	-	5.5	0.7	8.3	90	6.3	0	3	7	6	14	1	0	3	0	0	1	0	3	10	12	2	0	0	5	13	13	2	1	0	0	11	1	3	0
MULL OF GALLOWAY	80	3	1010.1	-	6.2	0.3	9.2	95	6.0	0	4	5	9	8	5	0	2	2	2	0	0	0	2	13	10	0	1	14	14	2	4	2	0	3	4	7	3	6
		9	1010.6	-	7.8	0.7	9.6	90	6.9	0	0	3	14	11	3	0	2	1	0	0	0	3	4	15	6	0	1	16	13	1	7	3	0	0	7	7	3	3
		15	1010.6	-	9.1	1.1	9.9	85	6.1	0	1	10	9	8	3	0	0	3	1	0	1	2	4	10	10	1	5	11	13	1	5	0	0	1	11	10	1	2
		21	1010.8	-	6.8	0.5	9.3	93	5.6	0	5	7	8	9	2	0	1	1	0	0	0	3	3	13	10	0	3	15	12	1	11	2	0	0	7	9	0	1
2 ENGLAND E & NE NORTHUMBERLAND																																						
BOULMER	27	3	1010.0	-	5.6	0.5	8.5	92	5.3	1	3	11	8	8	0	0	0	0	0	0	1	5	7	8	4	0	0	4	22	5	3	1	0	2	3	5	10	2
		9	1010.8	-	8.9	1.5	9.2	79	6.1	0	1	8	16	6	0	0	0	0	0	0	1	5	3	14	8	0	0	14	17	0	4	2	1	6	4	5	5	4
		15	1011.1	-	10.0	1.7	9.9	79	6.1	0	2	9	12	7	1	0	0	0	1	0	0	6	5	13	6	0	0	10	21	0	4	2	2	14	4	6	0	1
		21	1011.1	-	7.4	0.7	9.4	91	5.9	0	4	8	9	10	0	0	0	0	0	4	8	10	8	1	0	0	0	5	24	2	2	1	0	4	10	6	5	1
SEAHOUSES	12	9	1010.6	-	-	-	-	-	5.8	0	1	14	11	4	1	0	1	1	0	0	1	3	7	18	0	0	1	13	15	2	8	0	1	0	6	3	8	3
		15	1010.9	-	-	-	-	-	5.9	0	2	9	15	5	0	0	0	0	0	0	1	8	6	15	1	0	1	12	17	1	5	1	2	1	11	6	5	0
		21	1010.9	-	-	-	-	-	6.0	0	3	6	14	8	0	0	0	0	0	1	2	9	5	14	0	0	1	4	22	4	1	2	0	10	11	5	5	1
TYNE & MEAR	72	3	1010.7	-	6.6	1.0	8.5	85	5.6	0	5	8	7	11	0	0	0	0	0	0	1	7	9	10	4	0	0	0	29	2	1	0	2	1	8	5	9	3
		9	1011.4	-	9.4	2.3	8.4	70	5.8	0	4	7	11	9	0	0	0	0	0	0	2	4	8	9	8	0	0	6	23	2	3	0	2	4	7	4	5	4
		15	1011.5	-	11.6	3.2	8.7	63	6.5	0	2	4	16	9	0	0	0	0	0	0	1	4	13	9	4	0	0	10	20	1	2	2	7	3	5	8	1	2
		21	1011.7	-	8.6	1.6	8.9	79	5.8	0	4	8	7	12	0	0	0	0	0	0	0	11	9	9	2	0	0	4	27	0	0	2	3	2	9	4	6	5
TYNEWOUTH	40	3	1010.4	-	6.5	0.8	8.7	87	5.3	1	5	6	11	8	0	0	0	0	0	0	1	2	16	12	0	0	0	8	19	4	3	0	1	0	9	3	10	1
		9	1011.2	-4.4	8.9	1.7	9.0	77	5.8	0	2	10	8	10	1	0	0	1	0	1	1	16	11	0	0	0	0	11	18	2	8	0	1	1	11	1	6	1
		15	1011.4	-	10.1	2.2	9.2	74	6.4	0	0	9	14	8	0	0	0	0	0	0	0	5	12	14	0	0	0	12	17	1	4	1	4	10	5	2	0	
		21	1011.4	-	8.5	1.3	9.3	83	6.0	0	3	10	7	11	0	0	0	0	0	1	0	8	19	3	0	0	1	8	21	1	3	1	2	0	13	3	8	0
NORTH YORKSHIRE																																						
LEENING	33	3	1010.8	-	6.1	0.8	8.4	87	5.2	1	7	4	10	9	0	0	0	0	1	2	4	5	6	9	4	0	0	3	25	3	4	3	0	6	8	1	5	1
		9	1011.5	-4.0	10.2	2.2	9.1	71	6.0	0	1	11	12	7	0	0	0	0	0	0	1	5	3	6	16	0	0	10	21	0	5	1	0	8	8	3	4	2
		15	1011.3	-	11.8	3.0	9.2	66	6.5	0	2	4	16	9	0	0	0	0	0	0	1	5	8	10	7	0	0	18	13	0	2	4	3	1	6	9	3	3
		21	1011.5	-	8.8	1.5	9.5	82	6.0	0	4	5	13	9	0	0	0	0	0	1	6	7	12	4	0	0	0	6	23	2	3	0	1	6	8	4	3	4
WHITBY C.G.	66	3	1010.7	-	6.8	0.8	9.0	89	5.2	0	4	13	5	8	1	0	1	0	0	1	0	5	9	14	1	0	0	9	18	4	0	0	0	12	7	7	1	
		9	1011.7	-	8.6	1.3	9.4	83	5.9	0	9	10	11	9	1	0	1	0	1	0	3	10	15	1	0	1	10	15	5	1	1	0	2	9	5	2	8	
		15	1011.8	-	10.3	1.8	10.0	78	6.5	0	1	6	11	12	1	0	1	0	0	1	1	5	7	16	0	0	0	12	13	6	2	0	5	5	8	2	0	3
		21	1011.7	-	8.4	1.1	9.5	86	5.5	0	3	10	9	9	0	0	0	0	0	1	1	3	10	15	1	0	0	8	21	2	1	0	0	3	14	7	2	2
HUMBERSIDE																																						
SPURN POINT	20	3	1011.3	-	8.0	0.8	9.7	89	4.1	4	8	6	4	7	2	1	0	0	1	0	1	5	16	7	0	0	0	16	12	3	0	0	1	2	8	8	6	3
		9	1012.4	-	9.9	1.6	9.9	80	5.7	0	3	8	15	4	1	0	2	0	0	0	2	6	19	2	0	0	0	14	14	3	2	0	2	2	7	6	8	1
		15	1012.1	-	11.9	2.4	10.2	73	6.5	0	2	7	10	12	0	0	1	0	0	1	1	4	20	4	0	0	2	14	14	1	3	6	3	4	3	8	3	0
		21	1012.2	-	9.5	1.2	10.2	85	5.4	0	3	13	7	8	0	0	0	0	0	0	1	7	19	4	0	0	2	10	17	2	3	0	5	2	13	3	3	0
LINCOLNSHIRE																																						
BINBROOK	112	3	1011.9	-	6.5	0.5	9.2	93	3.9	2	14	3	5	7	0	0	0	2	1	0	4	7	6	10	1	0	0	8	23	0	0	0	1	3	7	12	7	1
		9	1012.5	-	10.1	1.6	10.2	80	5.9	0	4	6	15	6	0	0	0	0	0	1	0	4	12	13	1	0	0	19	12	0	1	0	2	2	7	11	5	3
		15	1012.1	-	11.9	2.2	10.6	75	6.7	0	1	3	20	7	0	0	0	0	0	1	2	3	12	9	4	0	0	17	14	0	1	6	2	2	6	8	4	2
		21	1012.6	-	8.6	0.9	10.0	88	5.3	0	6	8	9	0	0	0	0	0	0	3	3	3	10	10	2	0	1	6	24	0	2	1	3	3	8	7	6	1
CONINGSBY	8	3	1011.9	-	6.8	0.6	9.3	91	4.3	2	10	6	6	7	0	0	0	0	1	2	4	9	8	6	1	0	0	2	28	1	0	0	1	1	12	6	6	3
		9	1012.7	-	11.2	2.2	10.1	74	6.0	0	3	6	13	9	0	0	0	0	0	0	7	9	13	2	0	0	16	15	0	1	0	2	2	7	7	8	4	
		15	1012.0	-	13.4	3.5	10.2	66	6.5	0	1	3	19	8	0	0	0	0	0	2	5	8	10	6	0	2	15	14	0	1	4	3	1	5	11	5	1	
		21	1012.5	-	9.3	1.1	10.2	85	5.3	0	7	6	9	9	0	0	0	0	0	1	2	4	9	10	5	0	0	4	26	1	3	1	4	1	12	5	2	2
HADDINGTON	70	3	1012.0	-	7.0	0.7	9.4	90	4.2	4	10	4	8	1	0	1	0	0	1	5	2	9	12	1	0	0	4	26	1	0								







TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

MAY 1979

DISTRICT, REGION/COUNTY AND PLACE	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 - 39 M	40 - 190 M	200 - 390 M	400 - 990 M	1000 - 1900 M	2000 - 3900 M	4 - 9 KM	10 - 19 KM	20 - 39 KM	40 KM AND OVER	BEAUFORT FORCE						N	NE	E	SE	S	SW	W	NW																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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DUNGENESS	7	3	1014.4	-	-	-	-	6.0	2	2	5	9	9	4	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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

MAY 1979

DISTRICT, REGION/COUNTY AND PLACE	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 - 39 M	40 - 190 M	200 - 390 M	400 - 990 M	1000 - 1900 M	2000 - 3900 M	4 - 9 KM	10 - 19 KM	20 - 39 KM	40 KM AND OVER	BEAUFORT FORCE								N	NE	E	SE	S	SW	W	NW			
									MEAN	0	1 - 2	3 - 5	6 - 7	8											SKY OBSERVED	34 OR MORE	22-33	11-21	1-10	0													
																															SPEED (KT)	6-7									4-5	1-3	CALM
NUMBER OF OBSERVATIONS																																											
8A WALES S -CONTO. SOUTH GLAMORGAN																																											
RHOOSE	69	3	1013.2	-	6.8	0.6	9.3	92	5.4	1	4	9	7	5	5	0	0	4	1	0	0	0	1	5	17	3	0	0	10	21	0	2	2	3	0	5	6	9	4				
		9	1013.5	-2.6	9.6	1.2	10.2	84	6.4	0	2	5	12	11	1	0	0	2	2	1	0	0	0	6	6	6	0	0	9	22	0	1	3	0	4	7	5	8	3				
		15	1013.1	-	11.7	2.2	10.3	74	5.9	0	2	10	11	7	1	0	0	0	0	0	0	0	2	9	15	4	0	0	17	14	0	1	0	2	1	3	5	17	2				
		21	1013.9	-	8.1	0.8	9.7	88	4.9	0	10	5	7	8	1	0	0	1	1	1	1	1	3	8	12	4	0	0	4	26	1	1	0	0	2	1	6	16	4				
8B ENGLAND SW AVON																																											
FILTON	61	3	1013.4	-	7.2	0.6	9.5	91	5.1	5	3	5	8	9	1	0	1	0	0	2	2	5	9	11	1	0	0	5	19	7	1	0	0	1	5	7	7	2					
		9	1013.6	-2.5	10.3	1.3	10.6	83	6.2	0	3	5	12	11	0	0	0	0	0	0	3	8	8	8	4	0	0	9	22	0	2	3	1	0	3	5	15	2					
		15	1013.1	-	12.1	2.2	10.7	75	6.6	0	2	2	19	8	0	0	0	0	0	0	1	5	11	10	4	0	0	17	14	0	1	2	1	0	2	7	16	2					
		21	1014.0	-	9.2	1.0	10.2	86	4.8	0	6	12	6	7	0	0	0	0	1	0	2	4	8	14	2	0	0	3	26	2	1	0	0	1	5	10	11	1					
SOMERSET																																											
EXTON	-	9	-	-	8.4	1.0	9.7	87	6.4	0	1	8	8	12	2	0	0	2	0	0	1	11	2	9	6	0	0	6	25	0	5	0	3	0	11	6	5	1					
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
		21	-	-	6.9	0.5	9.5	92	5.5	0	7	5	4	12	3	0	2	0	1	0	1	4	7	3	13	0	0	2	26	3	4	0	0	0	14	3	4	3					
		9	1013.8	-	6.5	0.5	9.3	93	4.6	2	8	7	5	7	2	0	1	1	1	3	5	14	5	0	0	0	2	14	15	0	0	0	0	4	5	5	2						
YEOVILTON	23	9	1013.9	-	10.5	1.6	10.3	79	6.1	0	3	6	14	7	1	0	0	0	2	1	2	3	12	11	0	0	1	12	15	3	4	2	1	1	4	7	6	3					
		15	1013.5	-	12.7	2.6	10.5	71	6.4	0	1	7	16	7	0	0	0	0	0	1	5	7	17	0	0	3	15	10	3	3	0	0	3	12	5	5							
		21	1014.5	-	9.1	1.0	10.2	86	5.0	0	6	12	5	7	1	0	0	1	0	1	4	4	7	14	0	0	1	4	17	9	3	0	0	1	4	8	4	2					
		9	1014.5	-	9.1	1.0	10.2	86	5.0	0	6	12	5	7	1	0	0	1	0	1	4	4	7	14	0	0	1	4	17	9	3	0	0	1	4	8	4	2					
DORSET																																											
HURN	11	3	1014.2	-	6.4	0.3	9.4	95	4.5	7	3	7	4	10	0	0	1	0	2	0	0	2	7	6	13	0	0	0	4	19	8	1	0	1	8	2	3	7					
		9	1014.4	-	10.7	1.7	10.4	79	5.2	0	5	11	8	7	0	0	0	0	0	0	1	7	7	10	6	0	0	11	19	1	5	3	0	1	7	8	2	4					
		15	1014.1	-	12.8	2.5	10.6	71	5.7	0	1	13	12	5	0	0	0	0	0	1	0	6	5	14	5	0	1	14	16	0	1	0	0	1	9	8	8	4					
		21	1015.0	-	9.3	0.9	10.5	88	5.2	0	9	4	9	9	0	0	0	0	1	1	1	5	5	18	0	0	0	5	25	1	0	0	1	4	5	9	2						
PORTLAND BILL.C.O.	54	3	1014.2	-	8.3	0.6	10.1	91	4.5	6	7	2	5	9	2	1	2	0	0	1	1	2	16	8	0	0	1	13	16	1	1	1	3	1	5	3	13	3					
		9	1014.5	-	9.7	0.9	10.7	87	5.5	0	6	6	8	7	4	1	0	0	0	2	4	13	7	0	0	3	9	18	1	1	3	2	2	4	6	9	3						
		15	1014.4	-	11.0	1.4	11.0	83	5.5	0	2	13	9	6	1	0	1	0	0	1	3	7	9	9	1	0	4	12	15	0	1	1	3	7	8	9	2						
		21	1015.0	-	8.9	0.6	10.5	91	5.3	0	6	7	8	7	3	0	2	1	1	0	1	5	12	8	1	0	3	14	12	2	0	1	1	2	3	9	9	4					
DEVON																																											
EXETER	30	3	1014.1	-	6.6	0.5	9.3	93	5.8	1	5	3	12	6	4	1	2	1	0	0	0	1	6	15	5	0	0	3	23	5	3	2	0	3	9	4	2	3					
		9	1014.2	-2.0	10.3	1.4	10.4	81	6.5	0	0	6	17	8	0	0	0	0	1	0	0	5	6	7	12	0	1	12	18	0	1	0	0	3	7	5	8	7					
		15	1013.8	-	13.0	2.6	10.7	71	6.2	0	1	7	18	5	0	0	0	0	0	2	2	9	5	13	0	0	3	17	11	0	0	0	0	4	12	4	7	5					
		21	1014.8	-	9.0	1.0	10.1	86	4.8	0	11	6	6	7	1	0	0	1	0	0	1	5	2	9	13	0	0	3	26	2	0	0	0	4	12	2	7	4					
HARTLAND POINT	93	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
		9	1013.2	-	8.9	1.1	9.8	85	6.3	0	1	8	11	7	4	1	2	0	1	0	0	3	7	8	9	0	3	15	12	1	2	2	1	0	1	4	19	1					
		15	1013.3	-	10.0	1.4	10.2	82	5.6	0	1	17	4	6	3	0	4	0	0	1	0	2	4	6	14	0	7	11	11	2	3	3	0	0	2	19	2						
		21	1013.9	-	8.6	0.9	9.9	87	5.3	0	5	12	3	6	5	0	4	0	1	0	0	8	5	13	0	5	12	11	3	3	0	0	0	2	4	18	1						
MOUNT BATTEN	28	3	1014.2	-	7.4	0.5	9.7	92	5.4	5	2	4	9	8	3	0	1	1	1	0	4	3	7	13	1	0	1	4	24	2	2	4	4	1	3	7	6	2					
		9	1014.4	-1.7	10.0	1.3	10.3	85	6.1	0	3	6	13	9	0	0	0	0	1	1	8	4	7	10	0	1	11	19	0	4	0	0	0	5	18	3	3						
		15	1014.5	-	11.5	1.9	10.6	77	5.6	0	3	10	13	4	1	0	1	0	1	0	2	1	3	10	13	0	3	16	12	0	2	0	0	0	5	18	3	3					
		21	1015.1	-	9.2	1.0	10.2	87	5.0	0	8	5	11	5	2	0	1	1	1	0	2	4	11	8	3	0	0	10	19	2	1	0	1	0	6	9	7	5					
PRAMLE POINT	-	3	-	-	-	-	-	-	-	5	1	9	5	8	3	1	2	2	0	0	1	2	7	14	2	1	7	11	11	1	2	2	1	0	3	6	13	3					
		9	-	-	-	-	-	-	-	5	7	0	4	8	9	8	2	2	2	0	1	0	1	4	15	2	6	11	10	2	3	1	2	1	4	7	9	2					
		15	-	-	-	-	-	-	-	5	4	0	2	13	11	4	1	1	1	0	0	1	4	5	17	1	2	9	15	5	1	0	3	5	13	9	0						
		21	-	-	-	-	-	-	-	5	0	0	8	6	7	2	0	0	3	0	0	3	5	7	13	2	5	18	7	1	0	1	2	0	5	15	2						
CORNWALL																																											
CARBORNE	88	3	1013.9	-	6.9	0.5	9.4	93	4.9	3	4	11	2	9	2	0	1	0	3	1	1	4	4	14	3	0	1	6	22	2	2	0	0	2	15	4	3	3					
		9	1014.1	-	9.8	1.4	10.1	82	6.4	0	1	7	14	9	0	0	0	0	1	0	1	6	6	12	5	0	1	14	15	1	2	0	2	0	9	5	8	4					
		15	1014.3	-	11.1	1.8	10.4	78	6.0	0	2	8	14	7	0	0	0	0	2	0	0	4	12	10	0	2	20	9	1	1	0	0	0	7	8	3	11						
		21	1014.9	-	8.2	0.7	9.8	89	5.5	0	7	3	13	6	2	0	2	1	2	0	1	1	6	15	3	0	0	6	24	1	3	1	0	1	9	8	7	1					
CULDROSE	84	3	1014.1	-	7.6	0.6	9.7	91	5.3	2	4	9	4	8	4	0	2	1	1	1	1	4	9	12	0	0	0	7	20	4	2	0	1	1	3	4	13	3					
		9	1014.4	-	9.8	1.2	10.3	84	5.7	0	1	15	7	7	1	0	1	1	1	2	6	2	15	2	0	2	9	20	0	4	1	3	0	1	8	12	2						
		15	1014.5	-	11.3	1.6	10.9	80	5.4	0	5	10	8	6	2	0	1	1	0	1	2	3	5	17	1	0	1	16	14	0	2	1	0	2	8	14	4						
		21	1015.1	-	8.5	0.8	10.0	89	4.9	0	6																																



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

MAY 1979

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	4	22	5	0	0	0	0	0	0	0	4	10	17	0	0	CAMBRIDGE BOTANIC GARDENS	0	0	4	7	16	2	2	0	0	0	0	5	8	13	5	0	0							
LERNICK (SCREEN)	0	4	21	6	0	0	0	0	0	0	0	4	10	17	0	0	EDOBASTON	0	0	8	16	3	4	0	0	0	0	0	1	8	17	5	0	0							
STORNOWAY	0	2	13	16	0	0	0	0	0	0	0	6	6	19	0	0	KEM (PSYCHROMETER)	0	0	4	11	12	2	2	0	0	0	2	7	18	4	0	0								
CRAIBSTONE	0	1	9	14	6	1	0	0	0	0	0	6	10	13	2	0	KEM (NORTH-WALL SCREEN)	0	0	3	8	15	3	2	0	0	0	0	7	17	7	0	0								
ROTHESAY	0	0	7	22	2	0	0	0	0	0	0	2	11	18	0	0	HASTINGS	0	0	5	15	9	2	0	0	0	0	1	6	18	6	0	0								
ABBOTSINCH	0	0	6	18	7	0	0	0	0	0	0	7	8	15	1	0	SOUTHAMPTON	0	0	2	17	10	2	0	0	0	0	0	10	17	4	0	0								
ESKDALEMUIR (PSYCHROMETER)	0	1	15	14	1	0	0	0	0	0	1	8	11	11	0	0	RINGWAY	0	0	7	19	2	3	0	0	0	0	2	8	19	2	0	0								
ESKDALEMUIR (SCREEN)	0	0	13	16	2	0	0	0	0	0	1	7	12	11	0	0	VALLEY	0	0	8	23	0	0	0	0	0	0	0	9	22	0	0	0								
DOUGLAS	0	0	13	18	0	0	0	0	0	0	0	0	11	20	0	0	RHOOSE	0	0	6	21	3	1	0	0	0	0	0	4	6	21	0	0								
BOULMER	0	1	11	12	6	1	0	0	0	0	0	4	11	16	0	0	FALMOUTH	0	0	4	26	1	0	0	0	0	0	0	12	18	1	0	0								
HULL	0	0	5	12	9	3	2	0	0	0	0	2	7	19	3	0	ALDERGROVE	0	0	8	16	7	0	0	0	0	0	0	11	13	2	0	0								
DOORLESTON	0	0	6	9	12	2	2	0	0	0	0	0	8	15	8	0	ARMAGH	0	0	7	16	8	0	0	0	0	0	4	12	13	2	0	0								

TABLE 6 SUMMARY OF AUTOGRAPHIC RECORDS OF WIND

MAY 1979

DISTRICT REGION/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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
				ABOVE MSL					ABOVE GROUND					EFFECTIVE					HOURS OF NO RECORD					MEAN HOURLY WIND SPEED (KT)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
				DATES OF OCCURRENCE					NUMBER OF HOURS					NUMBER OF DAYS					NUMBER OF HOURS					HOURS OF NO RECORD																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															



TABLE 6 SUMMARY OF AUTOGRAPHIC RECORDS OF WIND

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	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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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TABLE 3 ADDITIONS AND CORRECTIONS

YEAR MONTH STATION			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	EYESURE
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE					AMOUNT (MM)	DATE	0.2 MM OR MORE	1.0 MM OR MORE													
1978	MAY	EAST BERGHOLT																													
	JUL	ILFRACOMBE												99	12	5	12	7											4.70		
	AUG	HADLOW COLLEGE	(19.9)	(10.5)	(15.2)																										
		MARTYR WORTHY	(10.2)		(15.1)																										
		PLUMPTON	(19.5)		(15.3)		22.6	19	3.9	31																					
		ILFRACOMBE	18.7		16.0		22.4																							6.17	
	SEP	HADLOW COLLEGE																												(5.25)	
		ELMSTONE	(19.9)	(9.9)	(14.9)								(20)	(26)		27	(7)	(6)													
		VENTNOR	(18.2)	(12.0)	(15.1)	(-0.2)											(6)	(5)													
		ROGATE	(19.2)	(10.8)	(15.0)				(3.5)	26																					
		PLUMPTON		9.2	12.4																										
		HAWKRIDGE																													
		ILFRACOMBE																												6.35	
	OCT	HADLOW COLLEGE	(16.2)	(6.3)	(11.3)																										
		RYDE											(6)	(7)			(8)	(3)													
		SANDOWN											(8)	(10)	4	17	(3)	(3)													
		SHANKLIN											(7)	(8)			(4)	(2)													
		HURSTPIERPOINT	(16.6)	(6.5)	(11.5)																										
		ROGATE																													
		HAWKRIDGE																													
		ILFRACOMBE		12.3	14.3																									3.01	
		BUDE		9.7																											
		LIZARD																													
	NOV	RYDE		(8.0)	(10.3)	(+1.8)								17		14	9														
		SHANKLIN																													
		VENTNOR	(12.8)	(7.3)	(10.1)	(+1.5)							(20)	(20)		19	(12)	(7)											(3.23)	(128)	
		LETCOMBE REGIS	11.4																												
		BATH	(12.3)	(5.6)	(8.9)																									(3.25)	(122)
		ILFRACOMBE											(35)	(40)	9	18															
		LIZARD											(94)				16	11													
		CLACTON-ON-SEA											41	41		18		8													
		GORLESTON					12.0	10					105	195			21	19													
		HAYLING ISLAND											69	124			18	13													
		HURSTPIERPOINT											(159)	(216)			(21)	(18)													
		CARMARTHEN	(8.1)		(5.1)		14.4	11																							
		PORTHCAWL	8.5		5.3																										
		BATH	8.6		6.2								(159)	(143)			(20)	(18)													
		WEYMOUTH	(9.7)	(4.6)	(7.1)		14.0	9	-3.0	22.31			(137)	(176)			(23)	(21)													
		FALMOUTH											(164)				(24)	(18)													
		LIZARD	10.2	6.1					-1.0	30.31			192	147		1														(1.44)	(72)
													193	187																	

(X) URBAN ROOFTOP SITE



# MONTHLY WEATHER REPORT

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

**JUNE 1979**  
 VOLUME 96 NUMBER 6

## Mostly unsettled; thundery at times.

An anticyclone, which was centred over southern parts of the British Isles on the 1st, moved slowly north-eastwards to Scandinavia during the next few days allowing troughs of low pressure to move into all areas from the east and south-east. A rather complex low-pressure system then persisted until the 9th, when a small anticyclone developed off north-east England. As this anticyclone moved slowly eastwards, all areas were once again affected by complex low-pressure systems, which lasted until the 13th. A succession of fronts and ridges then crossed all districts from the north-west until the 16th, when an anticyclone to the south-west began to move towards Ireland. The British Isles remained under the influence of this anticyclone until the 20th, as the centre of high pressure moved slowly north-eastwards into northern Europe. The weather became less settled again during the last ten days of the month as frontal troughs crossed all areas from the west.

### Weather

The month started with a warm, dry day in many areas on the 1st, but this was followed by much more thundery weather which extended northwards over the United Kingdom during the next few days. Except for the 9th and 10th, when many places were dry, it remained unsettled, with thunderstorms in many districts, until just after mid-month.

From the 17th to 20th the weather became generally fine and warm, although coastal areas were often cool and sea fog was rather persistent around some coasts. Unsettled weather then returned to all areas and lasted until the end of the month. There were further thunderstorms in places, particularly on the 24th when they occurred widely over southern and central parts of England and Wales.

### Wind

During the first half of the month winds were occasionally fresh or strong on exposed coasts, but elsewhere were often light and variable in direction. On the 14th fresh or strong north-westerly winds spread over most areas, and reached gale force on some exposed coasts on the 15th. During the 16th wind speeds dropped and for the next few days all areas, except northernmost parts of Scotland, had light and variable winds with sea-breezes developing in many coastal districts. Winds became stronger again from the 21st, mainly from directions between south-west and north-west, and gales occurred on several days in exposed places in the north during the last ten days of the month.

### Temperature

Monthly mean temperatures were mostly within 1 °C of normal over the United Kingdom. Values were around or a little above average over much of Scotland away from western and northern coasts, and over a large part of northern England and the northernmost counties of the Midlands. Elsewhere values were below normal, being more than 1 °C below the average in a few isolated areas.

The first few days of the month were rather warm in many inland areas, particularly in Scotland where a maximum of 29.0 °C was recorded at Corpach in the Highland Region on the 3rd. Temperatures were then very variable until the 16th, although coastal districts were cool at times. Between the

17th and 20th a fine, warm spell occurred in most areas with maxima exceeding 27 °C at a number of places. From the 21st until the end of the month temperatures returned to nearer the normal, but some areas were cool at times and ground frost was reported in parts of southern Scotland on the 27th.

### Rainfall

Rainfall totals were very variable, owing to the thundery nature of much of the precipitation. Except in the north of Scotland and the Northern Isles, most parts of the United Kingdom had much less than average rainfall during the month, with many places recording less than 50 per cent of normal. In parts of Lincolnshire and Clwyd less than 20 per cent of normal was recorded, and at the Royal Observatory in Edinburgh, where only 3.5 mm of rain fell, it was the driest June since records began in 1896. In sharp contrast, the north of Scotland and small areas throughout the rest of the United Kingdom had above-average rainfall with values exceeding 150 per cent of normal at a number of places.

Thunderstorms or outbreaks of thundery rain were most frequent during the first half of the month and again on the 24th. There were heavy falls of rain in some places during these periods. On the 7th 31.3 mm fell in 43 minutes from 1502 GMT at West Hills House, near West Heath (Birmingham) and on the 12th 24.4 mm fell in 30 minutes from 1442 GMT at Abbotsinch Airport (Glasgow). On the 13th 29.5 mm fell in 10 minutes from 1333 GMT at Emsay Reservoir (North Yorkshire) with serious flooding in the nearby town of Skipton.

### Sunshine

Sunshine totals were about or just above average over much of the eastern half of Scotland, in the Glasgow area, over the Isle of Man, and over most of north-eastern England north of the Humber. Values in these districts were between 100 and 110 per cent of the normal. Elsewhere sunshine was below average, with values mostly between 75 and 100 per cent of the normal for the month, but only just over 50 per cent in a few places. Over Northern Ireland it was the duller June since 1966.

In most areas the sunniest periods occurred during the anticyclonic spells at the beginning of the month and during the latter part of the third week. In contrast, however, the third week was very dull in the Northern Isles with only 4.7 hours of sunshine being recorded at Lerwick between the 14th and 21st.

### Fog

Overnight fog patches in inland districts occurred mostly during the first two weeks and during the latter half of the third week of the month, but cleared quickly after sunrise. Coastal fog was widespread at times throughout the month and occasionally persisted all day, particularly around the coasts of northern Scotland and over the Northern Isles. Hill fog was also reported frequently, often associated with rain or drizzle.

### Miscellaneous Phenomena

On the 24th a small tornado struck parts of east Berkshire and south Hertfordshire. Considerable structural damage to buildings was reported in Windsor (Berkshire) and in Kings Langley (Hertfordshire) and many trees were ripped up.

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	28.5	3.5	−0.1	0.0	−0.1	−0.5	0	102	92
1 Scotland E	25.5	1.0	+0.2	+0.6	+0.4	+0.5	−2	73	105
2 England E & NE	26.5	3.0	−0.3	0.0	−0.1	+0.5	−4	67	98
3 East Anglia	26.1	3.9	−0.8	−0.1	−0.4	+0.1	−1	77	83
4 Midland Counties	27.6	3.0	−0.5	−0.1	−0.3	0.0	−3	61	87
5 England SE & Central S	26.7	4.0	−1.2	−0.1	−0.7	−0.5	−1	85	70
6 Scotland W	28.5	1.0	+0.1	+0.2	+0.1	0.0	−1	69	95
7 England NW & Wales N	25.0	3.0	−0.6	+0.1	−0.3	−0.4	−3	51	89
8 England SW & Wales S	25.5	3.7	−1.2	−0.4	−0.8	−0.3	−1	53	78
N Ireland	24.6	2.3	−0.4	−0.4	−0.4	0.0	−1	71	84
Scotland	28.5	1.0	+0.1	+0.3	+0.1	0.0	−1	81	97
England & Wales	27.6	3.0	−0.8	−0.1	−0.4	−0.1	−2	66	84

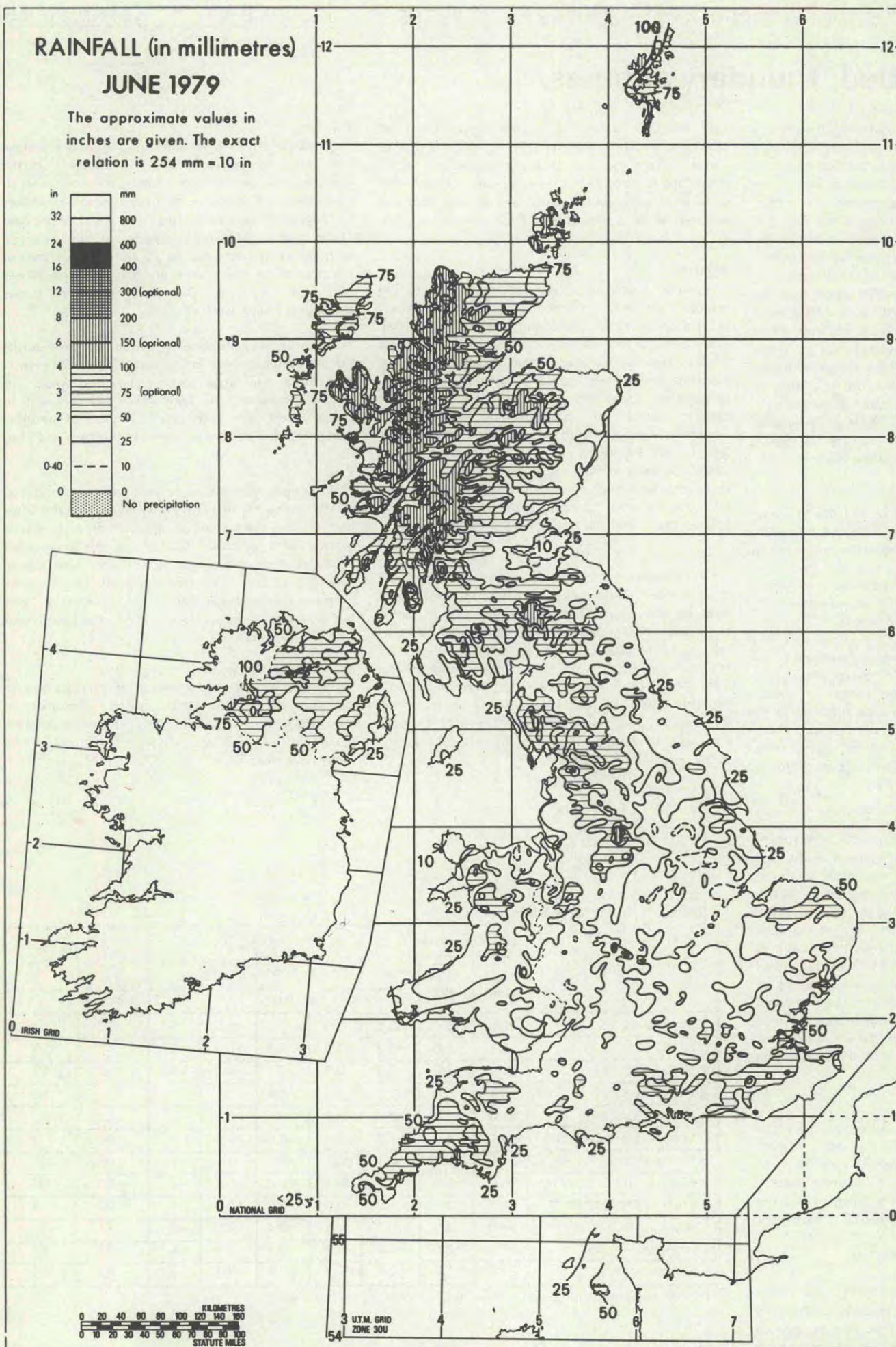
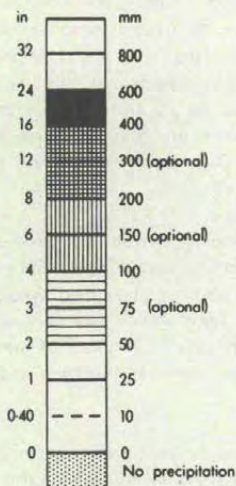
\* Highest maximum and lowest minimum of District Value Stations



# RAINFALL (in millimetres)

JUNE 1979

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





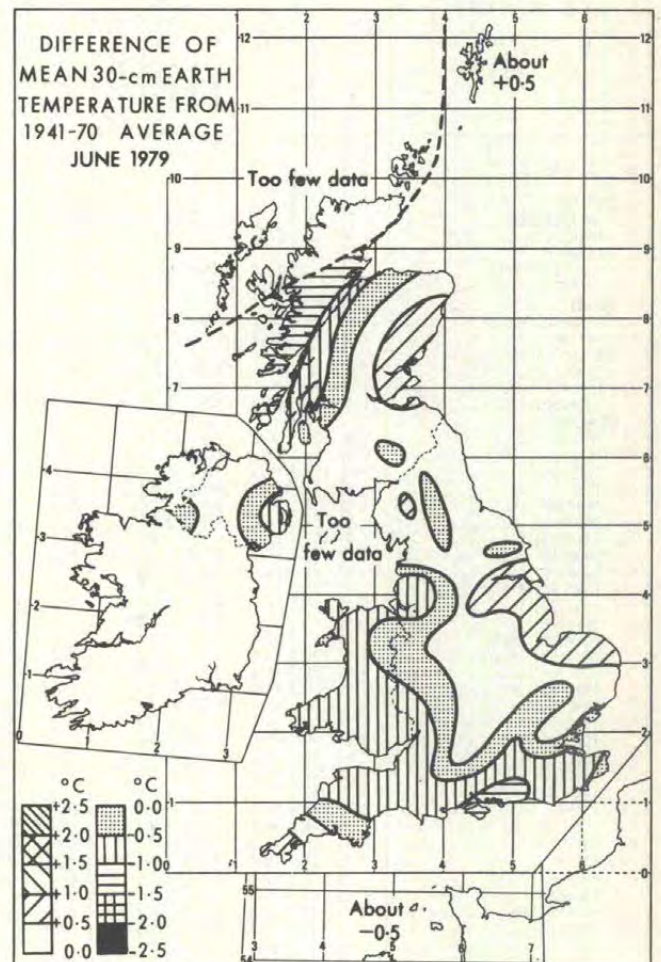
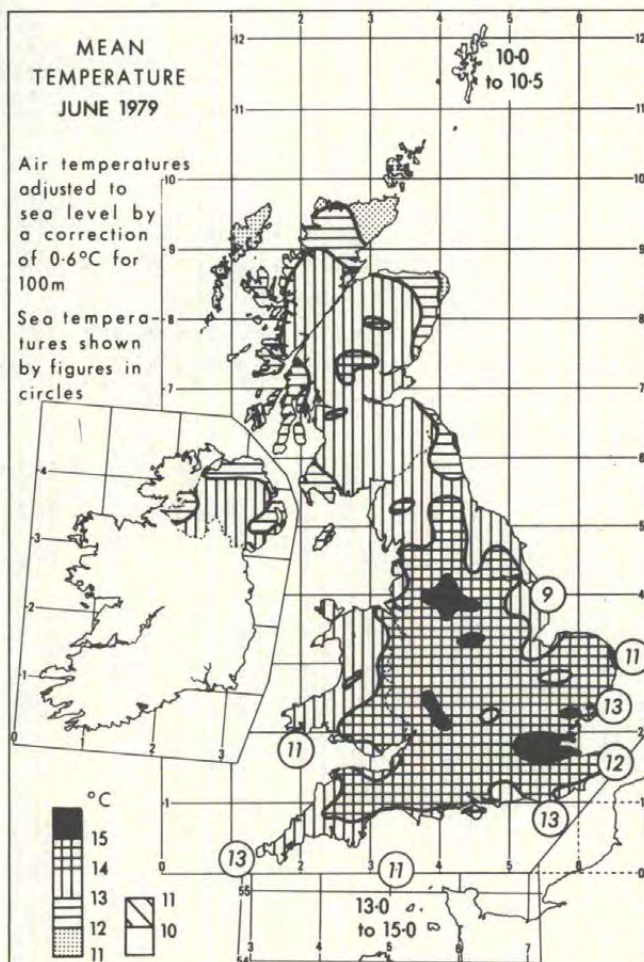
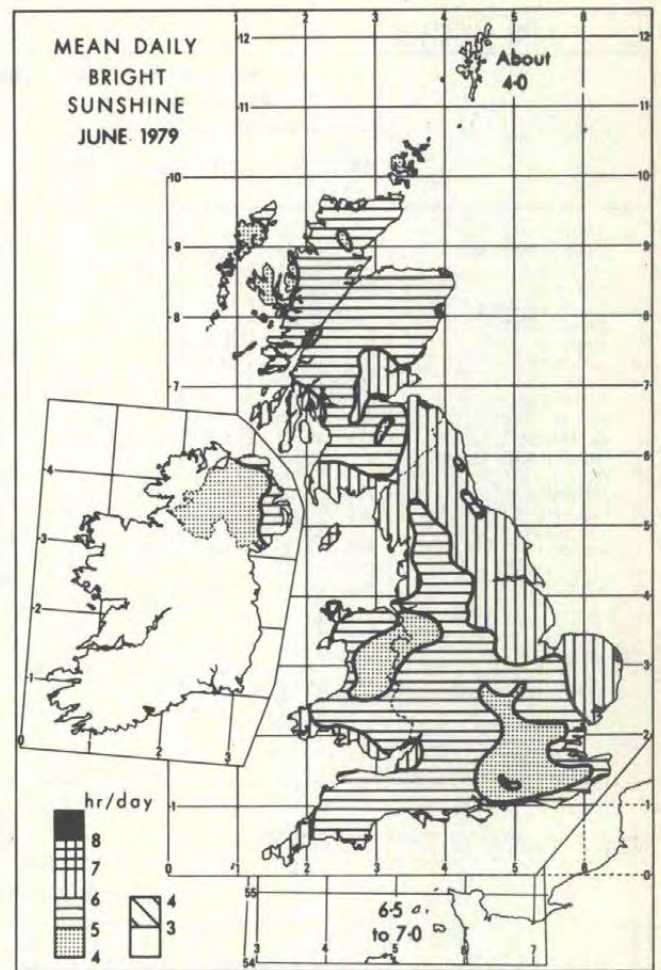
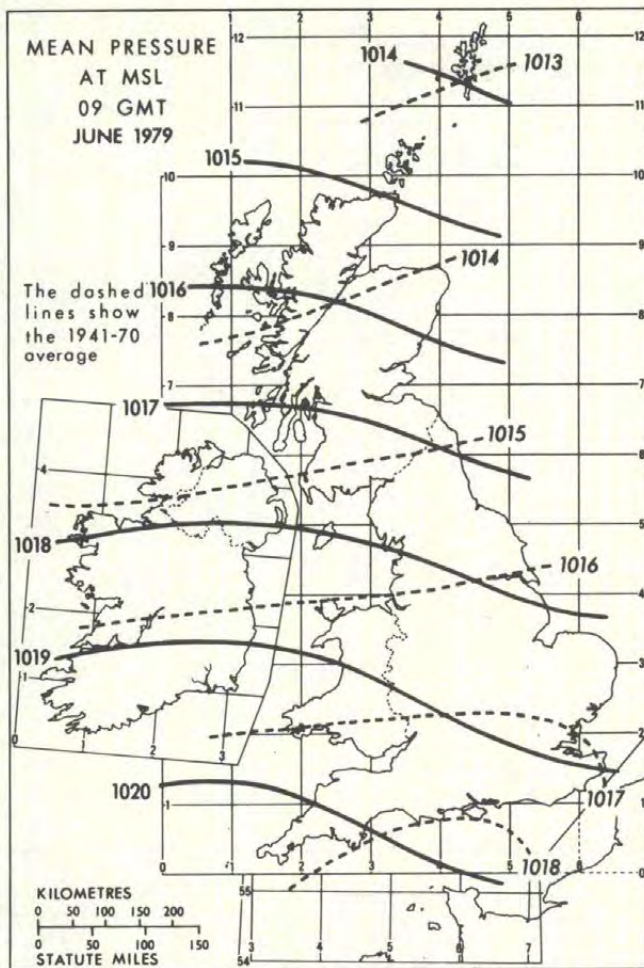




TABLE 2 SOLAR RADIATION

JUNE 1979

STATION	DAILY GLOBAL IRRADIATION ON A HORIZONTAL SURFACE (MEGAJOULES PER SQUARE METRE)						DAILY DIFFUSE IRRADIATION ON A HORIZONTAL SURFACE (MEGAJOULES PER SQUARE METRE)					
	MAX.	DATE	MIN.	DATE	DAILY MEAN	NO. OF DAYS	MAX.	DATE	MIN.	DATE	DAILY MEAN	NO. OF DAYS
LERWICK	29.9	2	3.1	21	14.3	30	14.0	16	3.1	21	8.7	30
ABERDEEN UNIVERSITY	28.2	17	4.5	24	17.4	30						
ESKDALEMUIR	28.3	19	3.9	22	16.2	29	14.4	20	3.9	22	9.8	29
MOOR HOUSE	30.8	17	4.9	28	17.0	30						
SUTTON BONINGTON												
ORAFHAM WATER												
ABERPORTH	31.2	25	8.2	12	19.0	30	14.6	3	5.9	25	10.6	30
CARDINGTON	27.5	22	7.3	3	17.7	30	14.7	10	7.2	3	11.5	30
SILSOE	28.7	22	7.1	3	18.0	30	15.5	17	6.8	3	11.6	30
ROTHAMSTED												
ORSTON	28.3	22	7.1	12	16.1	30						
WALLINGFORD	27.9	22	4.8	4	15.9	30						
LONDON WEATHER CENTRE												
KEM	30.6	22	6.3	12	16.4	30	14.0	23	5.7	12	10.0	30
EASTHAMPTON	28.7	22	5.2	4	15.7	30	14.6	23	5.1	4	10.4	30
EAST MALLING	26.5	28	8.0	4	16.4	30						
RUSTINGTON												
WAREHAM	29.2	22	6.5	25	16.9	30						
JERSEY AIRPORT	32.2	22	4.7	10	20.3	30	16.4	7	4.6	10	10.6	30
ALDERGROVE	28.8	19	3.4	4	16.6	30	14.9	9	3.3	4	10.0	30

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

JUNE 1979

DISTRICT REGION/COUNTY AND PLACE			MAX. TERMINAL HEIGHT MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C								MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL H 09 GMT)		WEATHER (NUMBER OF DAYS)										BRIGHT SUNSHINE						
					MEANS OF		DAILY MEAN (MEAN OF A-B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE AMOUNT (MM)	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.	DATE	MIN.	DATE																					
0 SCOTLAND N																																	
SHEPHERD	9 9	24	13.1	7.8	10.5	0.0	15.7	3	3.9	1	10.2	-	71	112	11	27	20	14	0	0	0	0	5	0	-	-	0	4.20	83	-	-		
BALASOUND ...	9 9	57	11.0	7.8	9.4	-	13.4	3	4.6	12	10.0	8.7	100	-	29	24	18	14	0	0	1	0	2	9	0	0	3	3.94	-	-	-	-	
FAIR ISLE ...	21-9	82																															
LERWICK			11.5	7.6	9.5	-	15.1	3	4.7	3	-	-	89	-	16	24	19	16	0	0	0	1	0	6	0	0	0	4.09	81	-	-	-	
PSYCHROMETER ...			11.9	7.8	9.9	-0.2	15.3	3	4.6	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SCREEN ...																																	
ORKNEY																																	
KIRKALL AIRPORT	21-9	26	13.7	8.1	10.9	-0.1	18.9	20	4.8	3	-	-	99	179	21	24	16	13	0	0	2	0	1	1	0	1	0	4.62	87	-	-	-	
WEYLAND ...	9 9	24	13.3	8.1	10.7	-	18.4	20	5.6	3.10	12.0	-	95	-	22	24	17	11	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0
WESTERN ISLES																																	
BENBECULA	21-9	6	14.4	9.2	11.8	-0.5	21.4	3	4.9	10	-	-	53	68	12	4	14	13	0	0	0	0	2	1	0	1	0	6.11	94	-	-	-	
SCALPAY ...	9 9	18	14.1	8.7	11.4	-	20.6	3	4.9	15	-	-	61	-	13	25	14	12	0	0	0	0	2	0	0	0	0	4.73	-	-	-	-	
STORNOWAY	21-9	15	13.9	8.5	11.2	-0.5	20.3	4	5.0	2.10	-	-	62	94	17	25	14	10	0	0	0	0	1	0	0	0	0	5.24	91	-	-	-	
HIGHLAND																																	
ACHARY	9 9	107	16.2	7.3	11.7	-	21.7	19	2.8	1	10.9	-	89	-	16	12	18	13	0	0	0	0	0	0	0	2	-	4.92	-	-	-	S	
ACHARSHELLACH	9 9	67	117.4	8.7	113.1	+0.7	26.6	3	3.5	1	-	-	137	108	20	25	18	16	0	0	0	0	2	-	0	-	-	-	-	-	-	-	
CAPE WRATH	21-9	112	12.5	7.8	10.1	-0.6	19.1	4	5.0	29	-	-	99	122	19	25	20	15	0	0	0	0	5	0	0	0	3	5.51	-	-	-	-	
CASLEY ...	9 9	99	116.0	8.1	112.1	-	22.5	3	4.0	3.9.10	-	-	138	-	34	25	18	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
COMPAH ...	9 9	8	18.1	8.5	13.3	-	29.0	3	5.3	2	-	-	96	-	18	7	13	13	0	0	0	0	1	0	0	1	0	-	-	-	-	-	
DALCROSS ...	9 9	11	16.7	9.1	12.9	-	23.9	20	5.6	1	-	-	49	94	13	24	16	11	-	0	-	-	2	0	0	0	0	0	-	-	-	-	
DALWHINNIE	9 9	351	15.9	6.9	11.4	-	25.0	19	1.7	2	-	-	60	-	10	7	17	14	0	0	0	0	2	0	0	1	0	5.55	-	-	-	S	
DIBRIG ...	9 9	60	16.1	9.4	12.7	-	24.0	3	6.2	15	-	-	92	-	20	25	18	14	0	0	0	0	1	-	0	-	0	-	-	-	-	-	
DOUMREAY	9 9	21	114.8	7.8	111.3	-	22.0	20	4.0	9.10	-	-	78	139	28	24	15	12	0	0	0	0	0	0	0	0	0	-	-	-	-	-	
FORT AUGUSTUS	9 9	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FORTROSE	9 9	5	15.4	9.4	12.4	-0.2	20.9	20	7.1	2	-	-	371	73	7	23	17	11	-	0	-	-	-	3	0	-	-	5.54	103	-	-	-	
GEISGEIL	9 9	12	-	8.2	-	-	-	-	2.8	10	-	-	103	-	26	25	18	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
GLENMORE LODGE	9 9	341	16.2	7.1	11.7	-	26.4	3	1.4	1	-	-	69	95	14	14	17	15	0	0	0	0	2	0	0	4	0	5.06	-	-	-	S	
GRANTOWN-ON-SPEY	9 9	229	17.0	7.6	12.3	-	25.8	3	2.2	2	-	-	114	-	37	12	17	13	0	0	0	0	3	0	0	6	0	5.29	-	-	-	-	
HERSTE	9 9	109	115.3	8.6	111.9	-	22.0	3	6.5	15	-	-	124	-	21	22	20	17	0	0	0	0	1	0	0	0	1	-	-	-	-	-	
INVERGORDON	9 9	15	16.6	9.3	12.9	-	23.6	20	4.7	1	-	-	56	-	18	12	11	10	-	0	-	-	-	0	0	-	-	-	-	-	-	-	
INVERNESS	9 9	4	17.0	9.5	13.3	-	24.9	20	6.3	1	11.8	-	110	-	28	25	20	16	0	0	0	0	0	0	0	0	0	0	-	-	-	-	
INVERPOLLY	9 9	14	15.6	9.1	12.3	-	24.1	4	4.0	1	13.6	11.1	117	72	21	27	16	13	0	0	0	0	2	0	0	5	0	4.94	-	-	-	-	
ISLE OF RHUM	9 9	5	115.9	8.3	112.1	-	24.2	3	4.2	1	12.2	10.4	58	-	15	24	15	11	0	0	0	0	4	0	0	0	4	5.53	-	-	-	-	
KEISS	9 9	30	13.6	8.0	10.8	-	19.3	20	3.6	9	-	-	184	149	53	25	19	16	0	0	0	0	0	2	0	3	0	-	-	-	-	-	
KNOCKAROCK	9 9	244	14.6	7.6	11.1	-	21.9	2	4.5	15	-	-	59	-	11	7	18	11	0	0	0	0	2	0	1	3	1	-	-	-	-	-	
LAGGANILIA	9 9	250	17.1	7.7	12.4	-	27.7	3	-1.1	2	-	-	80	-	17	28	17	14	0	0	0	0	0	0	0	4	0	-	-	-	-	-	
LAIRG	9 9	107	16.5	7.1	11.8	-	22.2	20	1.8	10	11.8	9.6	80	-	13	12	15	9	0	0	0	0	1	3	0	2	2	-	-	-	-	-	
LENTAN	9 9	146	16.6	8.2	12.4	-	22.1	20	4.6	1	10.2	-	40	-	13	12	15	9	0	0	0	0	1	3	0	2	2	-	-	-	-	-	
MAIRN	9 9	6	16.3	9.2	12.7	+0.2	23.3	20	5.6	2	-	-	36	71	7	5	14	12	0	0	0	0	0	0	0	1	0	5.96	108	-	-	-	
ONICH	9 9	15	18.0	9.0	13.5	+1.0	28.5	3	4.0	2	-	-	97	75	21	22	21	14	0	0	-	-	2	0	0	0	0	4.10	86	-	-	S	
POOLENE	9 9	6	15.6	9.4	12.5	-	25.3	3	6.0	2.10	-	-	95	-	25	25	20	15	0	0	0	0	2	0	0	0	0	5.05	-	-	-	-	
PRABST	9 9	67	16.0	8.5	12.3	-	24.4	4	5.7	27	-	-	79	71	12	4	20	15	0	0	0	0	1	0	0	1	1	4.66	-	-	-	-	
STRATHCONON	9 9	107	117.5	8.1	112.8	-	25.6	19	2.0	1.2	-	-	89	-	14	7	19	14	0	0	0	0	1	-	0	-	0	-	-	-	-	-	
TARBATHNESS	21-9	18	14.7	9.1	11.9	-0.2	19.2	17	6.5	10	-	-	53	-	9	7	16	11	0	0	0	0	2	0	0	-	0	-	-	-	-	-	
TOMATIN	9 9	511	16.2	7.5	11.9	-	25.0	19	2.0	2	-	-	74	-	18	14	15	15	0	-	-	-	2	-	0	-	0	-	-	-	-	-	
TORRISDALE	9 9	27	15.3	8.2	11.7	-	22.5	4	2.8	10	-	-	77	-	17	24	16	11	0	0	0	0	1	0	0	0	1	6.26	-	-	-	-	
WICK	21-9	36	13.6	8.1	10.9	-0.1	18.5	20	3.9	9	-	-	60	119	14	7	15	11	0	0	0	0	3	0	0	0	0	5.67	103	-	-	-	



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DISTRICT REGION/COUNTY AND PLACE	MAX. TERMINAL HEIGHT MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C								MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL H 09 GMT)		WEATHER (NUMBER OF DAYS)										BRIGHT SUNSHINE						
			MEANS OF		DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM	30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY		PRECIP- ITATION	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS MIN. BELOW 0 DEG C	CONCRETE MIN. BELOW 0 DEG C	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE		
			MAX. (A)	MIN. (B)			MAX.	DATE						MIN.	DATE															AMOUNT (MM)	DATE
1 SCOTLAND E																															
GRAMPIAN																															
ABERDEEN																															
DYCE AIRPORT	21-9	58	16.6	8.6	12.6	+0.6	23.6	20	4.9	2	-	36	64	9	24	12	8	0	0	0	0	0	0	0	0	0	0	6.00	103	-	
HANNOFIELD	9-9	52	15.6	8.8	12.2	+0.1	20.2	28	5.8	1	-	26	49	10	14	11	9	0	0	0	0	0	0	0	0	0	0	-	-	-	
BALNORAL	9-9	283	16.7	7.2	11.9	+0.6	25.0	19	1.1	2	-	40	75	11	13	16	9	0	0	0	0	0	0	0	0	0	0	-	-	-	
BANCHORY	9-9	94	17.7	8.9	13.3	-	24.5	20	4.1	1	-	23	-	6	23	10	6	0	0	0	0	0	0	0	0	0	0	5.19	-	-	
BANFF	9-9	24	15.5	9.6	12.5	-	24.5	20	7.2	10.11	13.5	39	71	9	8	14	11	0	0	0	0	0	0	0	0	0	0	5.46	-	-	
BRANMAR	9-9	339	(17.6)	7.6	(12.6)	+1.1	25.5	3.19	1.5	2	-	52	(95)	18	24	16	12	0	0	0	0	0	0	0	0	0	0	5.61	104	-	
CLASHMOIR	9-9	338	16.1	7.6	11.9	-	24.5	3.19	3.6	1	11.7	100	-	33	5	14	12	0	0	0	0	0	0	0	0	0	0	5.19	-	-	
CRAIBSTONE	9-9	91	15.8	8.3	12.1	+0.2	22.5	20	5.2	2	12.9	34	59	7	14	14	10	0	0	0	0	0	0	0	0	0	0	6.19	104	-	
CULTERTY	9-9	3	15.1	8.0	11.5	-	19.5	28	3.9	10	-	24	51	4	23	11	10	0	0	0	0	0	0	0	0	0	0	5.52	-	-	
ELGIN	9-9	15	16.8	9.3	13.1	-	23.4	20	6.0	1	-	70	121	10	8	15	11	0	0	0	0	0	0	0	0	0	0	5.43	-	-	
FOREHILL	9-9	40	14.5	8.7	11.6	-	17.5	17	6.6	30	-	24	-	5	24	11	8	0	0	0	0	0	0	0	0	0	0	4.71	83	-	
FORRES	9-9	5	17.4	9.3	13.3	+0.6	24.1	20	5.8	2	14.4	52	-	9	8	16	11	0	0	0	0	0	0	0	0	0	0	6.16	-	-	
FRASERBURGH	21-9	19	14.4	8.8	11.6	-	21.6	20	6.0	7	-	40	93	9	24	11	10	0	0	0	0	0	0	0	0	0	0	2	-	-	
FYFIE CASTLE	9-9	55	16.6	8.4	12.5	-	25.0	20	4.0	1.10	-	33	59	9	13	16	9	0	0	0	0	0	0	0	0	0	0	-	-	-	
GARTLY	9-9	146	16.3	8.6	12.5	-	22.1	3	4.0	1	-	57	-	22	12	14	12	0	0	0	0	0	0	0	0	0	0	-	-	-	
GLENLIVET	21-9	215	16.9	8.2	12.5	-	25.9	3	3.0	2	-	109	149	24	14	16	15	1	0	0	0	3	2	0	0	0	0	0	5.25	-	-
INVERURIE	9-9	54	17.1	8.5	12.8	-	23.9	20	4.2	2	-	31	-	12	24	11	8	0	0	0	0	0	0	0	0	0	0	5.51	-	-	
KEITH	9-9	106	16.5	8.3	12.4	-	24.5	20	4.1	1	-	59	-	15	14	15	14	1	0	0	0	2	-	0	2	0	0	5.32	-	-	
KINLOSS	21-9	5	16.7	9.4	13.1	+0.4	23.0	20	5.6	1	12.4	51	96	8	8	16	11	0	0	0	0	0	0	0	0	0	0	5.79	-	-	
LOSSIEMOUTH	21-9	6	16.0	8.9	12.5	-	22.4	20	5.3	1	-	53	98	11	8	18	11	0	0	0	0	0	0	0	0	0	0	0	-	-	
STONEHAVEN	9-9	4	15.9	7.2	11.5	-0.6	21.4	28	3.5	2	-	24	45	6	14	9	8	0	0	0	0	0	0	0	0	0	0	5.49	98	-	
TAYSIDE																															
ABERDATH	9-9	29	15.2	9.2	12.2	-	19.2	19.28	7.3	2	-	42	93	14	4	9	7	0	0	0	0	0	0	0	0	0	0	6.28	99	-	
ARDATHNAIG	9-9	130	17.9	9.3	13.6	-	26.5	19	4.6	1.2	-	62	86	14	4	15	10	0	0	0	0	0	0	0	0	0	0	6.02	-	-	
DALL	9-9	232	17.0	6.9	11.9	-	26.3	19	0.1	1	-	70	104	13	12	18	14	0	0	0	0	0	0	0	0	0	0	0	-	-	
DUNHADDON CASTLE	9-9	113	17.3	8.4	12.9	-	24.6	19	4.1	27	13.5	72	-	15	7	13	10	0	0	0	0	0	0	0	0	0	0	6.07	-	-	
DUNDEE	9-9	45	17.5	9.5	13.5	+0.2	24.6	20	6.7	25	15.6	46	81	12	7	11	9	0	0	0	0	0	0	0	0	0	0	5.86	105	-	
FRISKALLY	9-9	94	17.7	9.0	13.3	-	25.1	19	2.9	1	14.2	38	62	10	13	14	8	0	0	0	0	0	0	0	0	0	0	-	-	-	
KINDROGAN	9-9	259	16.9	7.0	11.9	-	23.7	18	9.6	1	-	52	-	8	23	13	11	0	0	0	0	0	0	0	0	0	0	-	-	-	
KINROSS	9-9	116	17.6	8.5	13.1	-	25.4	19	4.8	1	14.0	45	-	14	7	9	7	-	0	-	-	5	0	0	0	0	0	6.41	-	-	
MONTROSE	9-9	57	15.9	8.7	12.3	-	21.7	20	5.5	30	-	24	50	7	24	12	6	0	0	0	0	0	0	0	0	0	0	-	-	-	
NYLNEFIELD	9-9	30	16.9	9.0	12.9	-	22.9	19	5.6	1	13.7	47	90	15	7	14	9	0	0	0	0	0	0	0	0	0	0	5.65	-	-	
PERTH	9-9	23	18.2	9.1	13.7	0.0	26.5	19	5.5	1	-	34	61	14	7	13	7	-	0	-	-	0	0	0	0	0	0	-	-	-	
STRATHALLAN	9-9	41	18.0	9.4	13.7	-	26.0	19	4.9	1	-	51	-	18	12	11	7	0	0	0	0	0	0	0	0	0	0	-	-	-	
USAN	21-9	30	14.2	8.6	11.4	-	19.6	28	6.7	30	-	21	-	5	23	7	5	0	0	0	0	0	0	0	0	0	0	6.69	-	-	
WHITELOCK	9-9	258	17.0	7.3	12.1	-	23.7	3	2.8	1	-	39	54	9	23	13	10	0	0	0	0	0	0	0	0	0	0	0	-	-	-
FIFE																															
BELLISTON	9-9	82	16.5	9.2	12.9	-	23.0	19	6.2	1.30	13.6	37	71	12	7	14	8	0	0	0	0	0	0	0	0	0	0	-	-	-	
CUPAR	9-9	36	17.8	8.9	13.3	-	24.9	19	5.4	1	14.5	27	-	11	7	12	7	0	0	0	0	0	0	0	0	0	0	6.54	-	-	
LEUCHARS	21-9	10	16.9	8.6	12.7	0.0	24.1	20	5.6	27	-	33	72	10	7	9	7	0	0	0	0	0	0	0	0	0	0	6.56	103	-	
PITREAVIE	21-9	40	17.5	9.7	13.6	-	25.1	19	5.5	27	-	16	30	8	7	9	5	0	0	0	0	0	0	0	0	0	0	-	-	-	
ST ANDREWS	9-9	18	17.1	9.4	13.3	-	24.5	19	6.5	15	14.4	34	75	11	7	10	7	0	0	0	0	0	0	0	0	0	0	6.68	-	-	
LOTHIAN																															
BUSH HOUSE	9-9	184	16.5	8.6	12.5	-	23.6	19	5.0	2	13.2	12	22	4	7	14	4	0	0												



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

JUNE 1979

DISTRICT REGION/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 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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
6 SCOTLAND N																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								</



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DISTRICT REGION/COUNTY AND PLACE		MAX. TERMINAL HEIGHT MIN. 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	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					AMOUNT (MM)	DATE																			
2 ENGLAND E & NE -CONTINUED																																			
DURHAM ...		9 9	102	17.8	9.1	13.5	+0.3	24.9	18	4.5	1	14.5	11.5	49	107	12	24	11	9	-	0	-	-	-	1	0	0	0	0	0	0	0	5.54	94	5
DURHAM ...		9 9	155	17.6	8.5	13.1	-	24.7	19	4.4	1	13.0	9.9	45	-	13	6	14	7	0	0	-	-	4	0	0	0	0	0	0	0	6.44	-	-	
LOW ETHERLEY ...		9 9	513	15.0	6.9	10.9	-	23.1	19	4.1	15	9.8	-	56	-	16	7	11	10	-	0	-	-	-	1	0	0	0	0	0	0	0	-	-	-
WIDYBANK FELL ...		9 9	513	15.0	6.9	10.9	-	23.1	19	4.1	15	9.8	-	56	-	16	7	11	10	-	0	-	-	-	1	0	0	0	0	0	0	0	-	-	-
CLEVELAND		9 9	31	18.2	8.5	13.3	-	24.7	20	3.8	27	-	-	23	50	4	8	11	8	0	0	0	0	3	1	0	0	0	0	0	0	5.61	-	-	
HARTBURN ORANGE		9 9	9	16.6	9.9	13.3	-0.4	20.5	18	6.4	11	-	-	23	50	9	24	8	6	0	0	0	0	0	0	0	0	0	0	0	0	6.08	-	-	
HARTLEPOOL ...		9 9	9	16.6	9.9	13.3	-0.4	20.5	18	6.4	11	-	-	23	50	9	24	8	6	0	0	0	0	0	0	0	0	0	0	0	0	6.08	-	-	
NORTH YORKSHIRE		9 9	33	18.9	8.7	13.8	-	25.7	19	5.4	1	-	-	24	52	9	7	10	8	0	0	0	0	1	0	0	0	0	0	0	0	6.20	100	-	
ASKHAM BRYAN		9 9	6	18.6	9.2	13.9	-	26.0	20	6.0	1,27	14.8	13.0	36	83	19	24	11	5	0	0	0	0	3	0	0	0	0	0	0	0	6.48	-	-	
CANOE ...		9 9	6	18.6	9.2	13.9	-	26.0	20	6.0	1,27	14.8	13.0	36	83	19	24	11	5	0	0	0	0	3	0	0	0	0	0	0	0	6.48	-	-	
HIGH MOUTHORPE		9 9	175	17.1	8.7	12.9	-	22.7	19	5.7	1,30	13.8	-	31	54	7	24	10	9	0	0	0	0	3	1	0	0	0	0	0	0	6.22	-	-	
LEARNING ...		21-9	32	18.6	9.6	14.1	-	26.9	19	5.2	1	15.0	12.0	19	46	5	23	10	7	0	0	0	0	2	0	0	0	0	0	0	0	6.14	-	-	
LEARNING ...		21-9	32	18.6	9.6	14.1	-	26.9	19	5.2	1	15.0	12.0	19	46	5	23	10	7	0	0	0	0	2	0	0	0	0	0	0	0	6.14	-	-	
LEARNING ...		21-9	32	18.6	9.6	14.1	-	26.9	19	5.2	1	15.0	12.0	19	46	5	23	10	7	0	0	0	0	2	0	0	0	0	0	0	0	6.14	-	-	
LEARNING ...		21-9	32	18.6	9.6	14.1	-	26.9	19	5.2	1	15.0	12.0	19	46	5	23	10	7	0	0	0	0	2	0	0	0	0	0	0	0	6.14	-	-	
LEARNING ...		21-9	32	18.6	9.6	14.1	-	26.9	19	5.2	1	15.0	12.0	19	46	5	23	10	7	0	0	0	0	2	0	0	0	0	0	0	0	6.14	-	-	
LEARNING ...		21-9	32	18.6	9.6	14.1	-	26.9	19	5.2	1	15.0	12.0	19	46	5	23	10	7	0	0	0	0	2	0	0	0	0	0	0	0	6.14	-	-	
LEARNING ...		21-9	32	18.6	9.6	14.1	-	26.9	19	5.2	1	15.0	12.0	19	46	5	23	10	7	0	0	0	0	2	0	0	0	0	0	0	0	6.14	-	-	
LEARNING ...		21-9	32	18.6	9.6	14.1	-	26.9	19	5.2	1	15.0	12.0	19	46	5	23	10	7	0	0	0	0	2	0	0	0	0	0	0	0	6.14	-	-	
LEARNING ...		21-9	32	18.6	9.6	14.1	-	26.9	19	5.2	1	15.0	12.0	19	46	5	23	10	7	0	0	0	0	2	0	0	0	0	0	0	0	6.14	-	-	
LEARNING ...		21-9	32	18.6	9.6	14.1	-	26.9	19	5.2	1	15.0	12.0	19	46	5	23	10	7	0	0	0	0	2	0	0	0	0	0	0	0	6.14	-	-	
LEARNING ...		21-9	32	18.6	9.6	14.1	-	26.9	19	5.2	1	15.0	12.0	19	46	5	23	10	7	0	0	0	0	2	0	0	0	0	0	0	0	6.14	-	-	
LEARNING ...		21-9	32	18.6	9.6	14.1	-	26.9	19	5.2	1	15.0	12.0	19	46	5	23	10	7	0	0	0	0	2	0	0	0	0	0	0	0	6.14	-	-	
LEARNING ...		21-9	32	18.6	9.6	14.1	-	26.9	19	5.2	1	15.0	12.0	19	46	5	23	10	7	0	0	0	0	2	0	0	0	0	0	0	0	6.14	-	-	
LEARNING ...		21-9	32	18.6	9.6	14.1	-	26.9	19	5.2	1	15.0	12.0	19	46	5	23	10	7	0	0	0	0	2	0	0	0	0	0	0	0	6.14	-	-	
LEARNING ...		21-9	32	18.6	9.6	14.1	-	26.9	19	5.2	1	15.0	12.0	19	46	5	23	10	7	0	0	0	0	2	0	0	0	0	0	0	0	6.14	-	-	
LEARNING ...		21-9	32	18.6	9.6	14.1	-	26.9	19	5.2	1	15.0	12.0	19	46	5	23	10	7	0	0	0	0	2	0	0	0	0	0	0	0	6.14	-	-	
LEARNING ...		21-9	32	18.6	9.6	14.1	-	26.9	19	5.2	1	15.0	12.0	19	46	5	23	10	7	0	0	0	0	2	0	0	0	0	0	0	0	6.14	-	-	
LEARNING ...		21-9	32	18.6	9.6	14.1	-	26.9	19	5.2	1	15.0	12.0	19	46	5	23	10	7	0	0	0	0	2	0	0	0	0	0	0	0	6.14	-	-	
LEARNING ...		21-9	32	18.6	9.6	14.1	-	26.9	19	5.2	1	15.0	12.0	19	46	5	23	10	7	0	0	0	0	2	0	0	0	0	0	0	0	6.14	-	-	
LEARNING ...		21-9	32	18.6	9.6	14.1	-	26.9	19	5.2	1	15.0	12.0	19	46	5	23	10	7	0	0	0	0	2	0	0	0	0	0	0	0	6.14	-	-	
LEARNING ...		21-9	32	18.6	9.6	14.1	-	26.9	19	5.2	1	15.0	12.0	19	46	5	23	10	7	0	0	0	0	2	0	0	0	0	0	0	0	6.14	-	-	
LEARNING ...		21-9	32	18.6	9.6	14.1	-	26.9	19	5.2	1	15.0	12.0	19	46	5	23	10	7	0	0	0	0	2	0	0	0	0	0	0	0	6.14	-	-	
LEARNING ...		21-9	32	18.6	9.6	14.1	-	26.9	19	5.2	1	15.0	12.0	19	46	5	23	10	7	0	0	0	0	2	0	0	0	0	0	0	0	6.14	-	-	
LEARNING ...		21-9	32	18.6	9.6	14.1	-	26.9	19	5.2	1	15.0	12.0	19	46	5	23	10	7	0	0	0	0	2	0	0	0	0	0	0	0	6.14	-	-	
LEARNING ...		21-9	32	18.6	9.6	14.1	-	26.9	19	5.2	1	15.0	12.0	19	46	5	23	10	7	0	0	0	0	2	0	0	0	0	0	0	0	6.14	-	-	
LEARNING ...		21-9	32	18.6	9.6	14.1	-	26.9	19	5.2	1	15.0	12.0	19	46	5	23	10	7	0	0	0	0	2	0	0	0	0	0	0	0	6.14	-	-	
LEARNING ...		21-9	32	18.6	9.6	14.1	-	26.9	19	5.2	1	15.0	12.0	19	46	5	23	10	7	0	0	0	0	2	0	0	0	0	0	0	0	6.14	-	-	
LEARNING ...		21-9	32	18.6	9.6	14.1	-	26.9	19	5.2	1	15.0	12.0	19	46	5	23	10	7	0	0	0	0	2	0	0	0	0	0	0	0	6.14	-	-	
LEARNING ...		21-9	32	18.6	9.6	14.1	-	26.9	19	5.2	1	15.0	12.0	19	46	5	23	10	7	0	0	0	0	2	0	0	0	0	0	0	0	6.14	-	-	
LEARNING ...		21-9	32	18.6	9.6	14.1	-	26.9	19	5.2	1	15.0	12.0	19	46	5	23	10	7	0	0	0	0	2	0	0	0	0	0	0	0	6.14	-	-	
LEARNING ...		21-9	32	18.6	9.6	14.1	-	26.9	19	5.2	1	15.0	12.0	19	46	5	23	10	7	0	0	0	0	2	0	0	0	0	0	0	0	6.14	-	-	
LEARNING ...		21-9	32	18.6																															



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

JUNE 1979

DISTRICT REGION/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 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	
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE																					
4 MIDLAND COUNTIES																															
WEST YORKSHIRE																															
BRADFORD ...	9 9	134	18.0	9.5	13.7	0.0	26.1	19	4.8	1	13.7	11.2	45	84	15	13	9	7	0	0	1	0	4	0	0	2	0	0	5.50	88	S
BRAMHAM ...	9 9	54	18.3	8.7	13.5	-	25.5	19	4.8	1	-	-	37	84	16	7	11	6	0	0	0	0	2	0	0	0	0	0	-	-	-
HUDDESFIELD (OAKES)	21-9	232	18.8	8.7	13.7	0.0	27.2	19	5.4	9	13.0	9.9	26	44	5	12	14	8	0	0	1	0	3	2	0	0	0	0	-	-	-
ILKLEY ...	9 9	83	18.2	9.7	13.9	0.0	26.5	20	3.0	1	-	-	64	111	29	13	8	6	0	0	2	0	3	0	0	0	0	0	6.26	105	-
PONTEFRAC ...	9 9	78	18.9	9.7	14.3	+0.2	25.7	20	6.1	1	-	-	15	31	3	23	10	5	0	0	0	0	3	0	0	0	0	0	-	-	-
TODMORDEN ...	9 9	160	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WILSON ...	9 9	262	17.4	8.8	13.1	-	26.4	19	5.0	1	-	-	33	-	10	23.24	10	8	0	0	0	0	1	1	0	1	0	0	-	-	-
SOUTH YORKSHIRE																															
FINNINGLEY ...	21-9	10	19.4	9.0	14.2	-	27.1	19	4.5	1	-	-	10	22	3	23	10	3	0	0	0	0	2	0	0	0	0	0	6.59	-	-
SHEFFIELD																															
DORE ...	9 9	206	18.1	9.5	13.8	-	25.1	19	6.3	1.15	-	-	54	-	22	7	12	7	0	0	0	0	2	0	0	0	0	0	-	-	-
WESTON PARK ...	9 9	131	19.1	10.4	14.7	+0.2	27.3	19	5.7	1	15.0	12.3	35	67	21	7	11	9	0	0	0	0	2	-	0	-	0	0	6.33	104	-
DERBYSHIRE																															
ASHOVER ...	9 9	178	18.5	9.0	13.7	-	25.5	18	4.6	1	-	-	36	-	17	24	10	4	0	0	0	0	2	1	0	0	0	0	6.18	-	-
BARBROOK ...	9 9	323	16.8	7.5	12.1	-	24.3	19	3.9	19	-	-	61	92	23	7	12	8	0	0	0	0	0	0	5	0	0	0	5.92	-	-
BUXTON ...	9 9	307	17.7	9.5	13.6	+1.1	25.6	19	3.0	1	13.7	12.4	54	64	12	13	14	9	0	0	0	0	2	0	0	0	0	0	-	-	S
DERBY ...	9 9	48	19.5	10.3	14.9	-	26.5	20	4.9	1	-	-	13	26	4	14	9	4	0	0	0	0	2	0	0	0	0	0	5.25	-	S
WINDERMOUTH ...	9 9	116	18.4	8.1	13.3	-	25.4	19	2.3	1	13.8	-	23	-	7	24	11	4	0	0	0	0	2	1	0	2	-	0	6.33	-	-
NOTTINGHAMSHIRE																															
WANSFELD ...	9 9	114	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WENTHORPE ...	9 9	58	-	-	-	-	-	-	-	-	-	-	16	-	5	7	7	5	-	0	-	-	-	-	-	-	-	-	-	-	-
NOTTINGHAM	9 9	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SUTTON BONINGTON ...	9 9	48	18.9	8.8	13.9	-0.3	25.7	20	4.2	1	14.2	12.3	15	34	4	14	8	6	0	0	0	0	1	0	0	1	0	0	5.69	91	-
WARSOP ...	9 9	46	19.2	8.2	13.7	-	26.0	19	2.6	26	-	-	15	32	6	7	9	5	0	0	0	0	1	0	0	2	0	0	6.50	-	-
WATNALL ...	21-9	117	19.1	9.6	14.3	0.0	27.6	19	6.0	1	-	-	18	34	4	15	10	5	0	0	0	0	1	0	0	0	0	0	5.86	95	-
STAFFORDSHIRE																															
KEELE ...	9 9	179	17.2	9.4	13.3	-	24.4	20	5.3	8	14.1	11.1	34	53	13	13	8	6	0	0	0	0	1	0	0	0	0	0	4.73	-	S
OWEN ...	9 9	125	18.1	9.0	13.5	-0.5	25.2	19	4.5	1	14.4	-	19	37	4	12	11	8	0	0	0	0	0	1	0	0	0	0	0	-	S
PENKIDGE ...	9 9	101	17.9	9.1	13.5	-	25.0	19	5.1	8	-	-	17	34	3	14	11	6	0	0	0	0	0	0	0	0	0	0	5.68	-	-
STONE ...	9 9	107	17.6	8.8	13.2	-	24.5	19	3.0	1	-	-	21	38	13	12	9	4	0	0	0	0	2	0	0	0	0	0	5.37	-	-
LEICESTERSHIRE																															
CALDECOTT ...	9 9	53	18.9	8.5	13.7	-	25.3	20	3.9	1.26	-	-	14	32	6	24	7	4	0	0	0	0	1	0	0	0	0	0	5.86	-	-
WENTON LINFORD ...	9 9	119	18.7	8.6	13.7	-	25.5	19	3.3	26	-	-	25	50	15	24	9	5	0	0	0	0	2	1	0	1	-	0	5.60	-	-
SALOP																															
WARTON LODGE ...	9 9	70	18.9	9.0	13.9	-	25.2	20	3.1	1	-	-	11	-	4	23	7	4	-	-	-	-	-	0	-	-	-	-	5.09	-	-
WEMPTON ...	9 9	64	18.4	9.4	13.9	0.0	25.3	19	4.5	1	-	-	28	59	12	13	8	7	0	0	0	1	3	0	0	0	0	0	5.66	90	-
OSWESTRY ...	9 9	174	17.0	9.4	13.2	-0.5	24.2	19	5.0	8	-	-	22	40	9	23	9	6	0	0	0	0	1	1	0	4	-	0	4.48	71	S
PRESTON MONTFORD ...	9 9	67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SHARDBURY ...	21-9	72	18.2	9.1	13.7	-0.4	25.5	19	3.0	1	-	-	75	152	36	13	9	8	0	0	0	0	2	1	0	2	0	0	5.62	87	-
SHREWSBURY ...	9 9	55	18.3	9.7	14.0	-0.6	26.5	20	3.8	1	15.5	13.7	60	131	28	13	8	8	0	0	0	0	0	0	0	0	0	0	5.08	81	-
WEST MIDLANDS																															
BIRMINGHAM																															
EDBASTON ...	21-9	163	18.0	10.2	14.1	-0.4	25.3	19	6.8	8	11.8	-	16	30	4	7	9	4	0	0	0	0	1	1	0	-	-	0	5.15	84	-
ELDON AIRPORT ...	21-9	96	18.3	9.1	13.7	-0.4	25.3	19	3.4	1	-	-	20	-	4	7	10	9	0	0	1	1	1	1	0	1	0	0	5.35	82	-
KING EDWARD'S SCHOOL	9 9	137	17.4	8.9	13.1	-	22.5	18.19	2.1	2	-	-	39	78	11	28	10	9	-	0	-	-	-	1	0	-	-	-	-	-	-
COVENTRY AIRPORT	9 9	81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WARWICKSHIRE																															
LUDDINGTON ...	9 9	56	19.0	9.3	14.1	-	26.2	20	3.7	26	-	-	21	-	4	23	9	7	0	0	0	0	1	1	0	0	0	0	5.14	-	-
MORETON MORRELL ...	9 9	85	18.4	9.4	13.9	-	25.5	19	5.4	26	-	-	21	43	5	23	11	8	0	0	0	0	1	0	0	1	-	0	5.20	-	-
RUGBY ...	9 9	117	18.9	9.5	14.2	-0.4	25.8	19	5.0	1.26	-	13.6	21	41	11	13	10	7	0	0	0	0	0	0	0	0	0	0	-	-	-
SHIPSTON-ON-STOUR ...	9 9	111	18.3	9.2	13.7	-0.8	25.1	20	4.4	26	14.2	-	24	51	5	24	10	6	0	0	0	0	1	2	0	2	-	0	5.24	78	-
STRATFORD-UPON-AVON ...	9 9	49	18.7	8.8	13.7	-0.6	25.8	20	2.4	26	15.8	-	23	48	9	7	9	7	-	0	-	-	-	1	0	1	-	-	4.95	78	-
HELLESBOURNE ...	9 9	47	18.9	9.1	14.0	-	26.4	19	3.4	26	14.7	13.0	21	45	6	23	11	7	-	0	-	-	-	0	0	0	0	0	5.77	-	-
NORTHAMPTONSHIRE																															
MULTON PARK ...	9 9	122	17.8	9.4	13.6	-																									



JUNE 1979

[illegible]



DISTRICT REGION/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		50 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY AMOUNT (MM)	PRECIP- ITATION DATE	0-2 MM OR MORE OR MORE	SHOW OR SLEET	SHOW 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	DRY ORLE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE EXPOSURE	
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE																				



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

JUNE 1979

DISTRICT REGION/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 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																						
8A WALES S CONTINUED																																
MID GLAMORGAN																																
ABERDARE FILTER STATION	9 9	174	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CILFYNYDD	21-9	194	17.5	-	-	-	24.2	19	-	-	-	-	30	-	11	23	9	4	0	0	0	0	0	0	0	0	0	0	0	0	0	
LLWYNON	9 9	241	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PORTRHAWL	9 9	6	16.8	11.1	13.9	-	23.5	19	6.6	1	-	-	21	31	13	23	3	3	-	-	-	-	-	0	0	0	0	0	0	0	0	6.66
SOUTH GLAMORGAN																																
BRIDGEND	9 9	40	17.4	9.8	13.6	-	23.8	19	3.8	1	15.4	12.6	21	-	13	23	9	3	0	0	0	0	0	0	0	0	0	0	0	0	0	-
CARDIFF (BUTE PARK)	9 9	9	18.2	9.8	14.0	-	24.8	20	4.7	1	16.8	13.7	26	-	15	23	9	6	0	0	0	0	0	0	0	0	0	0	0	0	0	5.63
RHOOSE AIRPORT	21-9	67	16.9	9.7	13.3	-	23.6	19	5.8	6	-	-	30	-	16	23	8	7	0	0	0	0	0	0	0	0	0	0	0	0	0	6.66
GMENT																																
CRUMBAND	9 9	245	17.4	9.2	13.3	-	23.9	20	6.3	22	13.5	11.9	22	34	11	23	10	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5.95
USK	9 9	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
8B ENGLAND SW																																
AVON																																
BATH	9 9	118	(17.9)	(10.4)	(14.1)	-	25.1	20	5.0	10	-	-	35	61	11	23	10	7	0	0	0	0	0	0	0	0	0	0	0	0	0	-
FILTON	21-9	59	18.0	10.3	14.1	-0.8	24.7	19	4.1	1	-	-	34	65	19	23	10	7	0	0	0	0	0	0	0	0	0	0	0	0	0	6.20
LONG ASHTON	9 9	51	18.1	9.8	13.9	-0.9	25.2	19	4.0	1	15.5	-	33	58	17	23	11	7	0	0	0	0	0	0	0	0	0	0	0	0	0	6.38
SOMERSET																																
BRYMORE	9 9	23	18.1	9.9	14.0	-	25.2	19	3.4	1	15.4	-	34	-	20	23	11	4	0	0	0	0	0	0	0	0	0	0	0	0	0	5.66
CREWKERNE	9 9	101	17.7	10.0	13.9	-	23.2	20	5.6	1	15.5	-	60	-	15	13	14	10	0	0	0	0	0	0	0	0	0	0	0	0	0	-
DOWNSIDE ABBEY	9 9	183	(17.3)	9.9	(13.6)	-	24.5	20	5.2	1	-	-	24	35	12	23	8	5	0	0	0	0	0	0	0	0	0	0	0	0	0	-
EXTON	21-9	329	16.1	8.2	12.1	-	23.4	20	4.9	1.6	-	-	52	-	16	23	13	8	0	0	0	0	0	0	0	0	0	0	0	0	0	-
HAWKRIIDGE	9 9	314	15.4	6.8	11.1	-	22.2	20	1.0	1	-	-	56	71	15	6.23	15	10	0	0	0	0	0	0	0	0	0	0	0	0	0	4.68
NETTLECOMBE	9 9	96	17.3	7.8	12.5	-	22.9	19	3.7	1.25	15.5	-	31	-	17	23	11	5	0	0	0	0	0	0	0	0	0	0	0	0	0	-
NETTLECOMBE(BIRDS HILL)	9 9	280	15.5	8.5	12.0	-	22.3	19	3.1	25	-	-	36	-	17	23	12	7	0	0	0	0	0	0	0	0	0	0	0	0	0	-
RODNEY STOKE	9 9	40	17.8	9.9	13.9	-	24.7	19	4.8	1	14.7	12.9	35	61	23	23	8	5	0	0	0	0	0	0	0	0	0	0	0	0	0	-
WINCANTON	9 9	113	-	-	-	-	-	-	-	-	-	-	41	74	12	12	13	9	0	0	0	0	0	0	0	0	0	0	0	0	0	-
YEOVILTON	21-9	18	18.4	9.7	14.1	-	24.5	20	3.9	1	-	-	48	107	23	23	13	6	0	0	0	0	0	0	0	0	0	0	0	0	0	-
DORSET																																
BOURNEMOUTH																																
HURN AIRPORT	21-9	10	18.1	9.6	13.9	-	21.4	19	2.9	1	-	-	35	75	11	12	13	9	0	0	0	0	0	0	0	0	0	0	0	0	0	5.66
DORSET TECH COLLEGE	9 9	50	17.9	9.7	13.8	-	21.0	2.19.20	5.5	1	14.4	12.5	41	-	10	12	12	12	-	0	0	0	0	0	0	0	0	0	0	0	0	5.71
CHRISTCHURCH	9 9	4	17.5	10.6	14.1	-	20.7	2	5.0	1	-	-	45	95	13	12	12	10	0	0	0	0	0	0	0	0	0	0	0	0	0	-
POOLE	9 9	5	18.3	9.9	14.1	-1.0	21.7	19	3.7	1	15.2	13.5	36	83	13	12	13	8	0	0	0	0	0	0	0	0	0	0	0	0	0	5.64
PORTLAND BILL (COASTGUARD)	21-9	53	15.3	10.8	13.1	-0.8	18.6	18	8.7	15	-	-	28	-	11	24	10	6	0	0	0	0	0	0	0	0	0	0	0	0	0	6.18
SWANAGE	9 9	11	16.7	10.8	13.7	-0.9	19.5	19	7.6	1	-	14.1	45	102	11	12	12	8	0	0	0	0	0	0	0	0	0	0	0	0	0	6.02
WEYMOUTH	9 9	23	17.3	10.2	13.7	-	20.3	19	4.8	1	-	-	24	-	7	12	9	8	0	0	0	0	0	0	0	0	0	0	0	0	0	6.12
WIMFRITH	9 9	26	(17.7)	(9.8)	(13.7)	-	21.9	19	3.4	1	-	-	29	61	7	12	10	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEVON																																
CHARLEIGH	9 9	168	17.3	8.7	13.0	-	25.1	20	4.7	1	14.3	-	51	-	20	23	12	8	0	0	0	0	0	0	0	0	0	0	0	0	0	5.15
EXETER AIRPORT	21-9	32	18.2	9.9	14.1	-0.6	22.2	20	3.8	1	-	-	38	92	15	23	12	6	0	0	0	0	0	0	0	0	0	0	0	0	0	5.03
EXMOUTH	9 9	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HARTLAND POINT	21-9	93	14.7	10.8	12.7	-0.9	19.4	19	7.5	1	-	-	27	52	6	8	10	7	0	0	0	0	0	0	0	0	0	0	0	0	0	5.01
HENYOCK	9 9	165	17.2	9.0	13.1	-	24.0	20	4.4	1	-	-	42	-	17	23	15	8	0	0	0	0	0	0	0	0	0	0	0	0	0	5.54
ILFRACOMBE	9 9	8	16.7	11.5	14.1	-	23.4	19	8.6	1	15.8	13.8	31	52	8	23	11	9	0	0	0	0	0	0	0	0	0	0	0	0	0	(6.03)
MELBURY	9 9	143	16.4	8.6	12.5	-	23.0	19	4.9	6	-	-	44	-	12	24	11	6	0	0	0	0	0	0	0	0	0	0	0	0	0	4.85
OKHAMPTON	9 9	372	15.1	8.5	11.8	-	22.3	20	5.5	1.6	-	-	62	-	15	23	13	10	0	0	0	0	0	0	0	0	0	0	0	0	0	-
PLYMOUTH																																
MOUNT BATTEN	21-9	27	16.4	10.6	13.5	-0.8	21.7	19	6.8	1	-	-	33	60	9	24	10	8	0	0	0	0	0	0	0	0	0	0	0	0	0	5.74
THE HOE	9 9	36																														



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

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DISTRICT REGION/COUNTY AND PLACE	MAX. TERMINAL HEIGHT MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C						MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL H 09 GMT)		WEATHER (NUMBER OF DAYS)										BRIGHT SUNSHINE									
			MEANS OF		DAILY MEAN (MEAN OF A-B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	AMOUNT (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																						
NORTHERN IRELAND																																
LONDONDERRY																																
ADAMLOO ...	9 9	18	16.5	8.4	12.5	-	24.1	19	3.9	25	-	-	59	-	9	11	16	14	0	0	0	0	4	1	0	0	0	0	0	-	-	
BANAGHER(CAUGH HILL) ...	9 9	216	16.3	7.8	12.1	-	23.0	19	3.5	27	-	-	58	-	11	12	19	15	0	0	0	0	7	1	0	0	0	0	0	1	4.83	
BOON HALL ...	9 9	37	16.6	8.6	12.6	-	25.1	19	5.0	27	-	-	69	-	27	11	18	11	0	0	0	0	3	0	0	0	0	0	0	-	-	
CARNONEY ...	9 9	73	15.9	8.8	12.3	-	23.5	19	4.5	25	-	-	53	-	12	11	18	15	0	0	0	0	0	0	0	0	0	0	0	4.36	-	
COLERAINE UNIVERSITY ...	9 9	23	16.1	8.3	12.2	-	22.2	3	3.0	27	13.8	11.0	58	-	13	4	18	13	0	0	1	0	4	0	0	2	0	0	5.13	86		
COOLKEERAGH ...	9 9	3	16.7	9.5	13.1	-	25.2	19	6.4	24	-	-	54	-	13	14	13	13	0	0	0	0	0	0	0	0	0	0	0	-	-	
DERRYNOYO FOREST ...	9 9	80	17.6	8.4	13.0	-	24.5	19	2.9	27	-	-	55	-	69	15	12	19	11	0	0	0	3	0	0	0	0	0	0	-	-	
GARRYHORE FOREST ...	9 9	80	16.7	7.9	12.3	-	23.7	19	3.4	27	-	-	57	-	67	9	14	18	12	0	0	0	0	0	0	0	0	0	0	-	-	
LOUGHMORE FOREST ...	9 9	174	16.1	7.5	11.8	-	24.0	19	2.7	10	-	-	57	-	74	10	14	21	16	0	0	0	6	1	0	0	0	2	-	-		
MOONEYDIO ...	9 9	34	17.1	8.1	12.6	-0.4	24.6	19	2.3	27	14.8	-	77	-	103	15	6	16	15	0	0	0	6	1	0	0	4	0	0	-	-	
TRAD POINT ...	9 9	16	17.0	8.7	12.9	-	23.2	18	3.4	27	-	-	66	-	18	13	15	13	0	0	0	0	2	0	0	0	0	0	0	-	-	
ANTRIM																																
ALDERGROVE AIRPORT ...	21-9	68	17.0	9.1	13.1	-0.2	23.3	18	4.9	27	14.3	10.9	52	79	10	3	17	13	0	0	1	0	5	0	0	0	0	0	0	4.95	85	
ALTHAMINCH ...	9 9	213	15.4	7.6	11.5	-	22.8	19	2.2	24	-	-	72	65	11	4	19	14	0	0	0	0	4	0	0	0	0	0	0	4.62	-	
BALLYLUNFORD ...	9 9	24	16.4	8.7	12.5	-	21.3	18	6.0	2.9	-	-	34	-	16	23	12	7	-	-	-	-	-	-	-	-	-	-	-	-	-	
BALLYPATRICK FOREST ...	9 9	152	15.3	7.8	11.5	-	22.5	18	3.0	6	-	-	44	48	7	5	17	14	0	0	0	0	3	1	0	1	0	0	0	6.01	-	
CARNAUGH ...	9 9	12	16.2	8.3	12.3	-	21.9	18	3.1	2	-	-	30	-	5	20	17	10	0	0	0	0	0	2	0	0	0	0	0	-	-	
DIYIS MOUNTAIN ...	9 9	363	14.8	6.5	10.7	-	22.4	18	4.0	9	-	-	70	81	19	23	18	17	0	0	0	0	2	0	0	0	0	0	0	-	-	
GREENMOUNT ...	9 9	38	17.0	9.2	13.1	-	23.8	19	5.2	1.10.24	15.4	-	47	74	9	3	13	12	1	0	1	0	3	0	0	0	0	0	0	-	-	
HYDE PARK (MALLUSK) ...	9 9	140	16.2	8.9	12.5	-	22.9	18	4.4	7	-	-	43	-	9	23	18	13	0	0	0	0	3	1	0	1	0	0	0	-	-	
KILROOT POWER STATION ...	9 9	12	16.6	9.0	12.8	-	22.6	18	4.4	7	-	-	50	-	24	23	15	9	0	0	0	0	0	0	0	0	0	0	0	-	-	
LISHAFILLAN ...	9 9	38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LONTOWN ...	9 9	271	15.1	7.7	11.4	-	21.1	18	4.0	7	11.7	-	49	49	8	14	17	13	0	0	0	0	1	1	0	3	0	0	4.74	-		
PARKMORE FOREST ...	9 9	235	14.9	6.8	10.9	-	21.3	18	1.1	24	12.6	-	56	48	11	14	18	14	0	0	0	0	2	2	0	0	0	0	2	-	-	
WOODBURN NORTH ...	9 9	217	15.4	8.0	11.7	-	21.0	18	3.5	1	-	-	45	53	10	23	17	11	0	0	0	0	0	0	0	0	0	0	0	-	-	
BELFAST																																
ANDERSONSTOWN ...	9 9	64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MALONE ...	9 9	35	17.3	9.1	13.2	-	22.9	18	4.3	7	13.7	-	63	-	19	23	15	14	-	-	-	-	-	-	-	-	-	-	-	4.90	-	
HILLTOWN ...	9 9	37	18.1	8.9	13.5	-	23.1	19	4.8	27	-	-	47	-	13	23	15	13	-	0	-	-	-	0	0	-	-	-	-	-	-	-
NEWTOWNABBEY ...	9 9	32	16.8	10.0	13.4	-	23.5	18	6.5	7	14.8	-	32	46	10	23	14	8	0	0	0	0	3	0	0	0	0	0	0	5.46	5	
ROSEBANK ...	9 9	47	17.7	9.2	13.5	-	22.6	18	5.5	27	-	-	37	-	17	11	15	10	0	0	0	0	0	0	0	-	-	-	-	-	-	
ROSETTA ...	9 9	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SHAW'S BRIDGE ...	9 9	15	17.9	8.6	13.3	-	23.5	19	3.4	10	-	-	44	-	14	23	15	12	0	0	1	0	4	0	0	0	0	0	0	-	-	
STORMONT CASTLE ...	9 9	56	16.9	8.6	12.7	-	21.5	18	5.0	7	14.4	12.2	37	56	15	11	14	7	0	0	0	0	2	0	0	0	0	0	0	5.11	-	
DOWN																																
BANDOR SEACOURT ...	9 9	15	16.3	9.5	12.9	-	21.6	18	7.3	9.24	14.7	12.3	27	-	10	23	11	7	0	0	0	0	3	1	0	0	0	0	5.62	-	-	
BALLYWATER PARK ...	-	11	-	-	-	-	-	-	-	-	-	-	19	33	5	23	13	8	-	-	-	-	-	-	-	-	-	-	-	5.58	-	
BALLYWATTCOCK ...	9 9	6	16.7	8.9	12.8	-	19.6	3	4.1	27	14.4	12.5	16	30	5	23	10	6	0	0	0	0	2	0	0	0	0	0	0	5.51	-	
BRYANSFORD ...	9 9	85	16.7	8.9	12.8	-	19.1	12.19	4.5	26	15.4	12.8	42	-	11	12	8	8	0	0	0	0	2	0	0	0	0	0	0	5.56	-	
DOONPATRICK ...	9 9	26	17.2	9.0	13.1	-	21.0	20	4.6	10.27	-	-	17	-	6	11	10	5	-	-	-	-	-	-	-	-	-	-	-	-	-	
HELLEN BAY ...	9 9	43	17.0	9.4	13.2	-	22.9	18	5.9	27	-	-	39	65	17	23	12	7	0	0	0	0	2	0	0	0	0	0	0	5.43	-	
HILLSBOROUGH ...	9 9	116	16.5	7.9	12.2	-0.6	22.6	18	3.9	7	12.9	-	53	80	11	23	17	12	0	0	0	0	0	0	2	0	0	0	5.58	95	-	
LONG KESH ...	21-9	37	17.2	8.6	12.9	-	23.0	18	4.5	7	13.8	11.6	55	-	13	11	16	9	0	0	0	0	4	0	0	2	0	0	5.59	-	-	
LOUGH COWEY ...	9 9	10	16.6	8.4	12.5	-	20.0	3	4.0	7.10	-	-	25	-	11	12	8	6	0	0	0	0	2	1	0	0	0	0	5.05	-	-	
MAHERALLY ...	9 9	97	17.1	7.6	12.3	-	23.2	18	2.5	26	-	-	53	-	27	12	13	7	0	0	0	1	5	0	0	0	0	0	-	-	-	
MURLOUGH ...	9 9	9	16.7	8.1	12.4	-	21.6	20	4.2	7	13.0	11.0	31	-	12	12	11	7	0	0	0	0	1	0	0	0	0	0	5.39	-	-	
NEARY ...	9 9	1	17.1	9.6	13.3	-	20.3	19	5.3	2	-	-	38	-	14	12	12	9	0	0	0	0	3	0	0	0	0	0	-	-	-	
SILENT VALLEY ...	9 9	129	15.9	8.6	12.3	-	19.6	19	3.5	1.2	-	-	43	-	11	24	14	10	0	0	0	0	1	0	0	0	0	0	5.97	-	-	
ARRAIGH																																
ARRAIGH ...	9 9	62	17.7	9.2	13.5	-0.2	24.1	19	5.2	27	15.8	13.5	53	77	14	12	16	10	0	0	2	0	5	0	0	-	-	0	4.48	81	-	
LOUGHGALL ...	9 9	25	17.3	9.2	13.3	-	23.8	19	4.5	2	-	-	51	80	17	12	14	8	0	0	0	0	2	0	0	1	-	0	4.88	-	-	
LURGAN ...	9 9	55	17.8	9.4	13.6	-	23.9	18	4.9	10	14.7	12.0	49	84	19	12	16	9	0	0	0	0	0	0	0	0	0	0	4.56	-	-	
TANDRAGEE ...	9 9	43	18.0	8.5	13.3	-	24.6	19	3.0	27	-	-	46	-	20	12	14	11	0	-	0	0	4	-	0	-	-	-	-	-	-	
TYRONE																																
ALTAVEEDAN ...	9 9	175	-	-	-	-	-																									



TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

DISTRICT, REGION/COUNTY AND PLACE	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)	RELATIVE HUMIDITY (%)	OKTAS					0 - 39 M	40 - 190 M	200 - 390 M	400 - 990 M	1000 - 1900 M	2000 - 3900 M	4 - 9 KM	10 - 19 KM	20 - 39 KM	40 KM AND OVER	BEAUFORT FORCE					N	NE	E	SE	S	SW	W	NW											
									0	1-2	3-5	6-7	8											SKY OBSERVED	0 - 39 M	40 - 190 M	200 - 390 M	400 - 990 M									1000 - 1900 M	2000 - 3900 M	4 - 9 KM	10 - 19 KM	20 - 39 KM	40 KM AND OVER	34 OR MORE	22-33	11-21	1-10	0
NUMBER OF OBSERVATIONS																																															
0 SCOTLAND N SHETLAND																																															
FAIR ISLE	61	9	1014.3	-	9.5	0.4	11.2	95	6.8	0	3	1	11	10	5	1	3	1	4	1	5	2	8	3	2	0	9	10	9	2	1	1	2	5	1	9	6	3									
	15	9	1014.9	-	10.0	0.6	11.2	92	6.2	0	0	4	4	10	8	4	0	3	1	3	0	1	6	7	7	2	2	1	5	11	11	2	3	4	4	9	2	4									
	21	9	1014.0	-	8.8	0.4	10.6	94	6.0	0	6	2	12	6	4	0	6	1	0	1	1	4	10	3	0	0	1	3	12	12	3	4	0	2	2	8	3	4									
LERMICK	85	3	1013.6	-	8.4	0.4	10.4	95	6.9	0	2	2	8	9	9	0	7	1	2	0	3	1	3	11	2	0	0	18	12	0	4	1	0	3	8	8	3	3									
	9	9	1013.9	+0.9	9.7	0.7	11.1	92	6.6	0	2	4	8	10	6	0	5	0	1	1	3	8	5	4	3	0	2	15	13	0	3	1	1	7	2	11	3										
	15	9	1014.6	-	10.4	0.9	11.2	89	6.6	0	3	1	13	9	4	0	4	0	3	0	4	6	6	3	0	1	20	8	1	2	0	4	3	4	5	8	3										
ORKNEY	21	9	1014.6	-	8.7	0.5	10.5	93	6.6	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	16	14	0	4	1	0	3	8	7	6	1										
KIRKALL	26	3	1014.6	-	9.0	0.4	11.0	95	6.4	0	4	2	10	11	3	0	2	0	2	0	3	3	8	7	5	0	2	10	15	3	2	1	1	5	3	4	7										
	9	9	1015.0	+1.6	11.2	1.0	11.8	88	6.1	0	5	3	12	10	0	0	0	0	1	2	2	6	9	4	0	3	17	10	0	5	0	3	4	4	5	8	5										
	15	9	1015.5	-	12.5	1.7	11.6	80	6.3	0	2	5	16	7	0	0	0	1	0	1	0	3	7	6	12	0	3	15	12	0	3	1	4	5	3	5	2										
WESTERN ISLES	21	9	1015.4	-	9.8	0.7	11.1	91	6.0	0	5	2	12	9	2	0	0	1	2	0	2	4	7	6	8	0	0	14	14	2	4	1	1	5	7	2	6										
BENBECULA	7	3	1015.5	-	10.0	0.7	11.2	91	5.7	0	8	1	9	12	0	0	0	0	0	1	1	1	10	7	10	0	3	10	14	3	4	0	3	0	6	4	5										
	9	9	1016.0	+2.5	12.0	1.7	11.3	80	6.0	0	4	6	10	10	0	0	0	0	1	0	1	2	0	16	10	0	1	18	11	0	2	2	1	6	5	6	6										
	15	9	1015.0	-	13.1	2.0	11.8	78	5.7	0	3	7	14	6	0	0	0	0	0	0	2	3	4	5	16	0	2	15	13	0	2	0	2	3	9	5	9										
STORMHAY	21	9	1016.0	-	11.3	1.1	11.7	87	5.7	0	4	8	7	11	0	0	0	0	0	1	6	0	13	10	0	3	12	14	1	6	1	2	2	8	3	5	5										
	5	3	1015.0	-	9.3	0.6	10.9	92	5.8	0	6	4	7	13	0	0	0	0	0	1	0	0	11	14	4	0	0	11	15	4	3	2	1	0	5	5	5										
	9	9	1015.5	+2.1	11.4	1.3	11.3	84	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-											
HIGHLAND	15	9	1015.3	-	12.6	1.9	11.5	79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-											
	21	9	1015.3	-	10.7	1.0	11.3	87	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-											
CAPE MARTH	115	3	1014.0	-	9.3	0.4	11.2	95	6.7	0	2	4	10	11	3	0	1	2	0	0	0	3	6	13	5	1	3	7	16	3	4	1	3	4	0	10	2	3									
	9	9	1014.6	-	9.9	0.3	11.7	96	6.4	0	2	5	10	9	4	0	1	1	3	0	0	2	15	6	2	2	10	15	1	2	3	1	2	1	0	14	4										
	15	9	1014.9	-	11.0	0.7	11.9	91	6.5	0	0	8	11	7	4	1	0	1	2	0	0	0	3	18	5	2	1	5	22	0	3	3	1	2	1	12	4	4									
DALCROSS	21	9	1014.6	-	10.2	0.6	11.5	92	6.7	0	1	3	11	12	3	0	2	1	0	0	0	1	3	14	9	1	1	5	20	3	3	1	2	3	2	10	2	4									
	12	9	1015.5	-	12.5	1.5	12.1	83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-											
	15	9	1015.1	-	15.4	3.0	12.1	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-											
WICK	37	3	1014.4	-	8.9	0.5	10.7	93	6.5	1	3	2	12	9	3	0	2	1	3	0	2	5	4	9	4	0	0	10	20	0	2	2	3	4	2	5	7	5									
	9	9	1014.0	+1.2	11.2	1.3	11.2	84	6.0	0	4	5	15	5	1	0	1	0	2	1	2	3	6	7	8	0	3	8	19	0	3	1	4	5	5	1	7										
	15	9	1015.1	-	12.1	1.8	11.1	80	6.6	0	1	2	22	5	0	0	0	0	2	1	3	7	2	5	10	0	4	11	15	0	2	3	5	7	3	1	2										
1 SCOTLAND E GRAMPIAN	21	9	1015.1	-	9.8	0.9	10.8	88	6.1	0	5	3	11	9	2	0	1	1	1	0	3	4	2	10	8	0	1	14	15	0	2	1	7	5	1	5	4										
DYCE	59	3	1015.3	-	9.5	0.6	11.1	93	6.2	0	3	5	12	10	0	0	1	0	2	4	2	3	5	9	4	0	0	3	14	13	1	0	1	0	2	5	3										
	9	9	1015.5	+1.3	13.5	1.9	12.3	79	6.0	0	3	5	17	5	0	0	0	0	0	1	1	1	7	3	8	9	0	9	18	3	5	0	4	2	1	7	4										
	15	9	1015.4	-	15.0	2.4	12.8	75	6.2	0	2	5	17	6	0	0	0	0	0	0	4	3	11	8	0	1	8	20	1	0	0	6	8	7	0	3	5										
FRASERSBURGH	21	9	1015.6	-	11.7	1.2	11.8	86	6.2	0	3	4	17	6	0	0	0	0	0	0	4	5	7	8	6	0	0	6	20	4	1	0	4	6	2	2	7										
	22	3	1015.1	-	10.2	0.7	11.2	91	6.4	0	0	8	11	8	3	0	2	0	1	0	0	2	8	17	0	0	3	6	21	0	3	1	0	6	7	5	7										
	9	9	1015.5	+1.4	12.1	1.3	12.0	85	5.9	0	1	9	11	8	1	0	1	0	0	0	3	11	15	0	1	4	7	18	0	3	3	5	4	2	1	8	4										
KINLOSS	15	9	1015.5	-	12.8	1.4	12.4	84	6.2	0	2	7	11	9	1	0	1	0	0	0	1	4	7	16	0	1	0	15	14	0	0	1	10	3	5	0	7										
	21	9	1015.5	-	11.4	1.2	11.6	86	6.1	0	3	6	11	8	2	0	2	0	0	0	0	2	9	17	0	0	2	10	17	1	3	1	0	6	8	1	4										
	6	3	1015.2	-	10.4	1.0	11.1	88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-											
LOSSIENMOUTH	9	9	1015.6	+1.7	12.9	1.8	11.9	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-											
	15	9	1015.2	-	15.4	3.0	12.1	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-											
	21	9	1015.4	-	12.2	1.5	11.8	82	-	-																																					



TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

JUNE 1979

DISTRICT. REGION/COUNTY AND PLACE	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	DAY BULB (DEGREES C)	DEPRESSION OF WET BULB (DEGREES C)	VAPOUR PRESSURE (MB)	RELATIVE HUMIDITY (%)	OKTAS					0 - 39 M	40 - 190 M	200 - 390 M	400 - 990 M	1000 - 1900 M	2000 - 3900 M	4 - 9 KM	10 - 19 KM	20 - 39 KM	40 KM AND OVER	BEAUFORT FORCE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
									0	1 - 2	3 - 5	6 - 7	8											SKY OBSERVED	SPEED (KT)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
																									8 OR MORE	22-33	34-47	48-63	64-80	81-99	100-117	118-159	160-200	201-242	243-284	285-326																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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6 SCOTLAND N - CONTD. DUMFRIES & GALLOWAY																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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[illegible]



JUNE 1979

Table with 34 columns: District, Region/County and Place; Height of Barometer above MSL (feet); Hour of Observation (GMT); Mean Pressure; Mean Temperature and Humidity; Cloud Amount; Visibility; Wind Speed and Direction. Rows include locations like Rhose, Filton, Exton, Yeovil, Dorset, Devon, Cornwall, Channel Islands, Northern Ireland, and Down.



TABLE 5. NUMBER OF DAYS WITH MAXIMUM AND MINIMUM TEMPERATURES BETWEEN GIVEN LIMITS																	JUNE 1975																	
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	4	25	1	0	0	0	0	0	0	0	2	28	0	0	CAMBRIDGE BOTANIC GARDENS	0	0	0	0	18	11	1	0	0	0	0	0	0	2	12	16	0
LERWICK (SCREEN)	0	0	3	26	1	0	0	0	0	0	0	0	0	1	29	0	0	EDGBASTON	0	0	0	3	23	2	2	0	0	0	0	0	0	16	13	1
STORNOWAY	0	0	0	23	6	1	0	0	0	0	0	0	0	2	22	6	0	KEM (PSYCHROMETER)	0	0	0	1	22	5	2	0	0	0	0	0	1	10	19	0
CRAIBSTONE	0	0	0	12	17	1	0	0	0	0	0	0	0	0	25	5	0	KEM (NORTH-WALL SCREEN)	0	0	0	0	16	12	2	0	0	0	0	0	0	8	21	1
ROTHESAY	0	0	0	13	12	5	0	0	0	0	0	0	0	0	19	11	0	HASTINGS	0	0	0	5	25	0	0	0	0	0	0	0	4	26	0	
ABBOTSINCH	0	0	0	9	14	7	0	0	0	0	0	0	0	2	15	13	0	SOUTHAMPTON	0	0	0	2	21	7	0	0	0	0	0	0	0	12	18	0
ESKDALEMUIR (PSYCHROMETER)	0	0	0	12	13	5	0	0	0	0	0	0	0	7	17	6	0	RINDHAY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ESKDALEMUIR (SCREEN)	0	0	0	12	13	5	0	0	0	0	0	0	0	5	19	6	0	VALLEY	0	0	0	11	17	2	0	0	0	0	0	0	11	19	0	
DOUGLAS	0	0	0	9	20	1	0	0	0	0	0	0	0	0	20	10	0	RHOOSE	0	0	0	7	20	3	0	0	0	0	0	0	0	16	14	0
BOULMER	0	0	0	17	13	0	0	0	0	0	0	0	0	0	26	4	0	FALMOUTH	0	0	0	11	19	0	0	0	0	0	0	0	0	9	21	0
HULL	0	0	0	0	21	9	0	0	0	0	0	0	0	0	15	15	0	ALDERGROVE	0	0	0	7	20	3	0	0	0	0	0	1	18	11	0	
GORLESTON	0	0	0	6	21	3	0	0	0	0	0	0	0	0	8	22	0	ARMADON	0	0	0	4	23	3	0	0	0	0	0	0	0	19	11	0

JUNE 1979

DISTRICT REGION/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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		ABOVE MSL	ABOVE GROUND EFFECTIVE	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)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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YEAR		MONTH	STATION	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		PRECIPITATION		SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	DEW MIN C	CONCRETE 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														0.2 MM OR MORE
1979	JAN	BONCHESTER BRIDGE																															
		GREYCROOK		-4.8	-1.4																												
		KILDONAN																															
		BOULMER																															
		COCKLE PARK	0.9	-2.8	-2.6	-3.8						62	89	8	9	15	14		11														
		KIELDER CASTLE		-6.1								47	40																				
		SEAHOUSES																															
		TYNEMOUTH																															
		WASHINGTON		-2.9	0.1				-11.2	5		51					13	9	14	10		1	1										
		WIDDYBANK FELL			-3.5																												
		ASKHAM BRYAN																															
		HIGH MONTHORPE																															
		LEEMING																															
		MALHAM TARN																															
		PICKERING	3.2																														
		SCARBOROUGH	2.9	-1.4																													
		WHITBY (COASTGUARD)																															
		CLEETHORPES				-3.0																											
		HULL																															
		CRANWELL									1.2																						
		KIRTON		-4.0	-1.1																												
		SKEGNESS																															
		WADDINGTON																															
		DENVER																															
		GORLESTON	2.8	-2.0	0.4	-3.3																											
		HEMSBY																															
		MARHAM										59					19	14		16													
		BOXWORTH																															
		CAMBRIDGE NIAB	2.5		-0.3		7.7	7																									
		MONKS WOOD																															
		WITTERING																															
		EAST BERGHOLT	2.8	-3.9	-0.5		7.1	8.9	-12.6	28																							
		HAUGHLEY																															
		HONINGTON																															
		LOWESTOFT																															
		LUTON																															
		HODDESDON										63	109	13	25		16	14															
		STANSTEAD ABBOTTS										65	121																				
		CLACTON-ON-SEA		-1.3	0.9	-2.4																											
		STANFORD-LE-HOPE																															
		ILKLEY																															
		BARBROOK	1.0	-4.9	-1.9		7.4	8	-12.0	28																							
		HAMPTON LODGE	2.8	-4.2																													
		BIRMINGHAM KES	2.6	-2.8	-0.1		8.5	7	-7.5	1																							
		MORETON MORRELL																															
		PRESTON WYNNE	2.7	-4.5	-0.9																												
		CHELTENHAM																															
		LETCOMBE REGIS																															
		SHIRBURN																															
		(MODEL FARM)																															
		MEDMENHAM	3.5		-0.7																												
		LAMBOURN																															
		(WARREN FARM)																															
		FOLKESTONE	3.8																														
		HADLOW COLLEGE		-3.6																													
		RYDE	4.9	-0.6	2.1	-2.8	9.4	7	-5.9	1																							
		ROGATE		-3.2	0.3																												
		CARLISLE	2.6	-2.9	-0.1		9.2	6.7	-12.3	13	2.3	4.7	32	45	7	1	15	7	14	13	0	2	0	2									
		MOOR HOUSE																															
		NEHTON RIGG		-4.7	-1.1	-3.4																											
		MORECAMBE																															
		BOLTON		-3.8	-0.8																												
		DALE FORT																															
		WHITECHURCH																															



# MONTHLY WEATHER REPORT

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

MET 0.930 UDC 551 506 1 (41-4)  
**JULY 3 APR 1980 1979**  
 VOLUME 96 NUMBER 7

## Generally dry, but wet in north-west Scotland: warm at times.

The dominant feature of the synoptic pattern during the month was the position and intensity of the Azores anticyclone. On the 1st the anticyclone was centred to the south-west of Ireland and during the next few days the centre of high pressure moved slowly north-eastwards over the British Isles. Between the 6th and 9th the anticyclone retreated towards the south-west and declined a little as fronts crossed all districts from the north-west. During the following week pressure remained high to the south-west with a ridge extending towards, and occasionally over, the British Isles, whilst fronts moving from the Atlantic continued to affect northern areas.

On the 17th the high pressure receded south-westwards as a depression to the north-west of Scotland moved eastwards, its associated fronts crossing all districts on the 18th. A west to north-westerly airflow was then maintained over the British Isles for several days with further fronts moving across all areas from the Atlantic. Pressure rose steadily to the south-west until, by the 24th, an anticyclone was centred off south-west England. Southern parts of the British Isles remained under the influence of this centre of high pressure until the 28th, when frontal systems moved into western areas from the Atlantic. Until the end of the month pressure then remained generally low over Scotland with further troughs crossing all districts from the west.

### Weather

Many areas were dry for most of the first week, although a little rain or drizzle fell in northern and western Scotland and there were a few isolated showers elsewhere. Between the 6th and 9th the weather became more unsettled as frontal troughs crossed all areas from the north-west, but rainfall amounts in most southern areas were very small and some places remained dry. During the next two or three days many areas became warm, but changeable weather returned to Scotland by the 13th.

Between the 13th and 28th southern parts of the United Kingdom remained generally dry, but in the north the weather was mostly rather unsettled with rain at times. Many areas in England, Wales and Northern Ireland became warm between the 25th and 28th, but during the 28th and 29th troughs moving across the British Isles from the west brought unsettled weather to all districts. Rainfall was heavy in parts of north-western Scotland on the 28th and on the following day severe thunderstorms occurred in parts of England. The weather then continued to be changeable until the end of the month with further thunderstorms in places on the 31st.

### Wind

Winds over the United Kingdom were only light or moderate for much of the month, although fresh or strong winds occasionally affected exposed coastal areas, particularly in the north and north-west of Scotland. Directions were generally between south-west and north-west, but were often variable with sea-breezes in many coastal areas.

### Temperature

Monthly mean temperatures were within 1 °C of average almost everywhere. Values were below the normal in northern and western Scotland, north-

west England and the Isle of Man, much of North Wales, and in a few widely scattered districts elsewhere in England and the Channel Islands. In all other areas values were about or a little above the normal.

The month started with a rather cool day in most places on the 1st, but daytime temperatures rose steadily during the next few days and many inland districts became warm. Warm spells then alternated with somewhat cooler weather during the rest of the month. Many places in Scotland recorded their highest temperature of the month on the 12th, but in England, Wales and parts of Northern Ireland monthly maxima mostly occurred on the 27th, when temperatures of at least 30 °C were recorded at several places in southern England.

### Rainfall

Rainfall totals were below average in Northern Ireland, most of England and Wales, and also in central and southern parts of Scotland. Above-average rainfall was recorded in remaining districts of Scotland and also in a few isolated areas in southern and eastern England. Some places in north-western Scotland recorded more than 160 per cent of their normal for the month and in a small area of Hampshire and Wiltshire more than 130 per cent was measured. In contrast, however, less than 50 per cent of normal fell in many areas with below 20 per cent in a few places in Wales and East Anglia.

There were periods of rain or showers at times throughout the month in north-west Scotland. Away from the north-west, however, the frequency of rainfall decreased markedly and in some places along the south coast of England there was no measurable rainfall until the 28th. Rain and thunderstorms spread to many parts of the United Kingdom on the 28th and 29th. There were very heavy falls in some areas, particularly on the 29th, when 58.6 mm fell in 2 hours from 1400 GMT at Bramdean Woodcote (Hampshire) and 45.7 mm in 42 minutes from 1518 GMT at Bradwell Abbey (Buckinghamshire); at Skegness (Lincolnshire) lightning struck a group of people on the beach, killing a six-year-old child.

### Sunshine

Sunshine totals were below average over Northern Ireland and much of Scotland, except in south-eastern districts. The Western Isles, Inner Hebrides and western parts of the Scottish mainland were particularly dull with less than 50 per cent of the normal sunshine for the month. At Tiree in the Inner Hebrides, where only 62.9 hours of sunshine were recorded, it was the dulllest July since records began there in 1927. North-west England and the Isle of Man, North Wales, north-western parts of the Midlands, East Anglia and south-east England also had below average sunshine with values mostly between 75 and 100 per cent of normal. Sunshine totals were a little above average in all remaining parts of the United Kingdom but with values exceeding 120 per cent of normal only in Avon.

The first week of the month was quite sunny in many parts of England and Wales, and also in some south-eastern districts of Scotland, but north-western Scotland and Northern Ireland were generally cloudier. Amounts of sunshine were more variable in the second week, although the 12th was a sunny day over most of the United Kingdom, except in extreme north-western districts. In most areas the second half of the month was generally less sunny than the first, but on the 27th many southern parts of England and Wales had a fine, sunny day.

### Fog

Patches of overnight fog in inland areas were reported on only a few occasions during the month. However, on the night of the 3rd/4th there was thick fog for a time in north-east England and southern Scotland, but this cleared quickly during the morning.

Hill and coastal fog occurred frequently throughout the month. The areas most affected were coastal districts in north and north-west Scotland, but west Wales and areas around the English Channel coasts were also affected from time to time.

### Miscellaneous Phenomena

None reported.

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				
0 Scotland N	24.0	3.3	−0.8	−0.5	−0.6	−0.8	+4	105	62
1 Scotland E	24.5	2.3	+0.3	+0.2	+0.3	+0.1	+3	81	98
2 England E & NE	27.1	3.4	+0.4	−0.4	0.0	+0.2	−6	48	103
3 East Anglia	28.5	5.3	+0.4	−0.2	+0.1	−0.3	−5	32	95
4 Midland Counties	29.5	5.1	+0.6	+0.1	+0.3	−0.1	−8	38	96
5 England SE & Central S	30.3	5.7	+0.5	+0.3	+0.4	−0.1	−6	63	99
6 Scotland W	23.8	2.3	−0.8	−0.1	−0.4	−0.6	+2	91	66
7 England NW & Wales N	27.5	5.4	−0.2	+0.1	0.0	−0.7	−4	41	87
8 England SW & Wales S	27.5	6.1	+0.5	−0.1	+0.2	+0.3	−6	52	107
N Ireland	23.7	4.5	+0.3	+0.4	+0.3	+0.1	−3	51	73
Scotland	24.5	2.3	−0.4	−0.1	−0.2	−0.4	+3	92	75
England & Wales	30.3	3.4	+0.4	0.0	+0.2	−0.1	−6	46	98

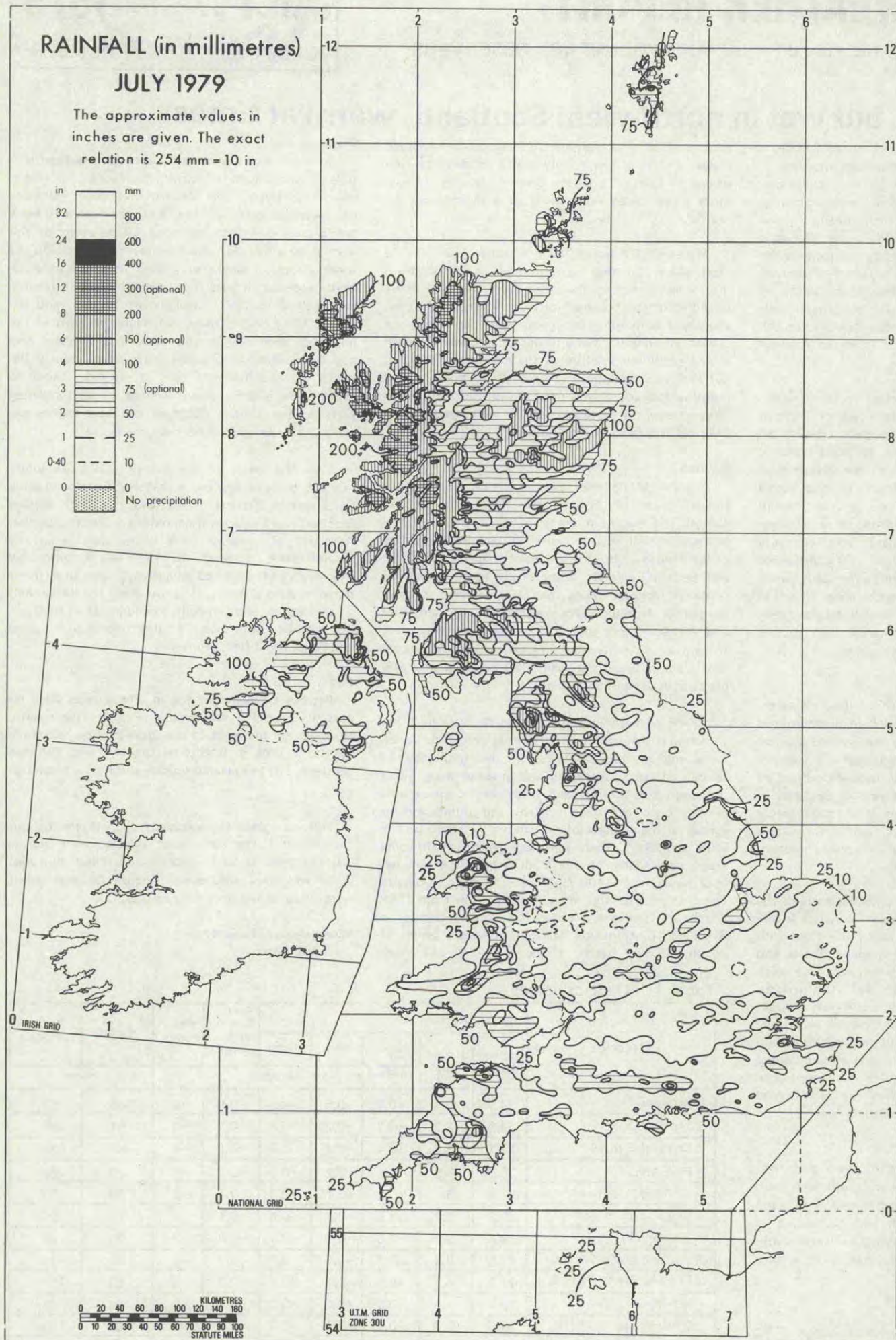
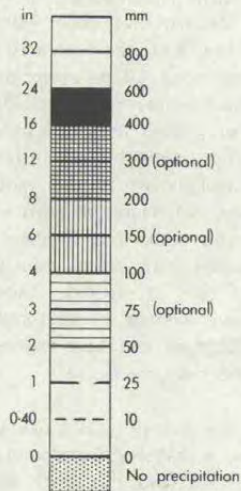
\*Highest maximum and lowest minimum of District Value Stations



# RAINFALL (in millimetres)

## JULY 1979

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





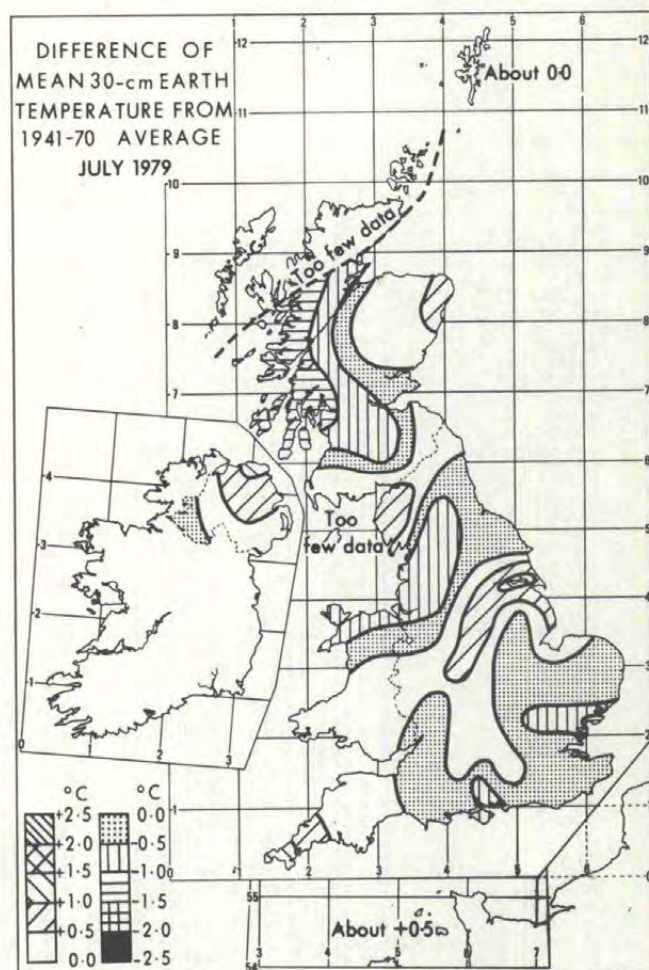
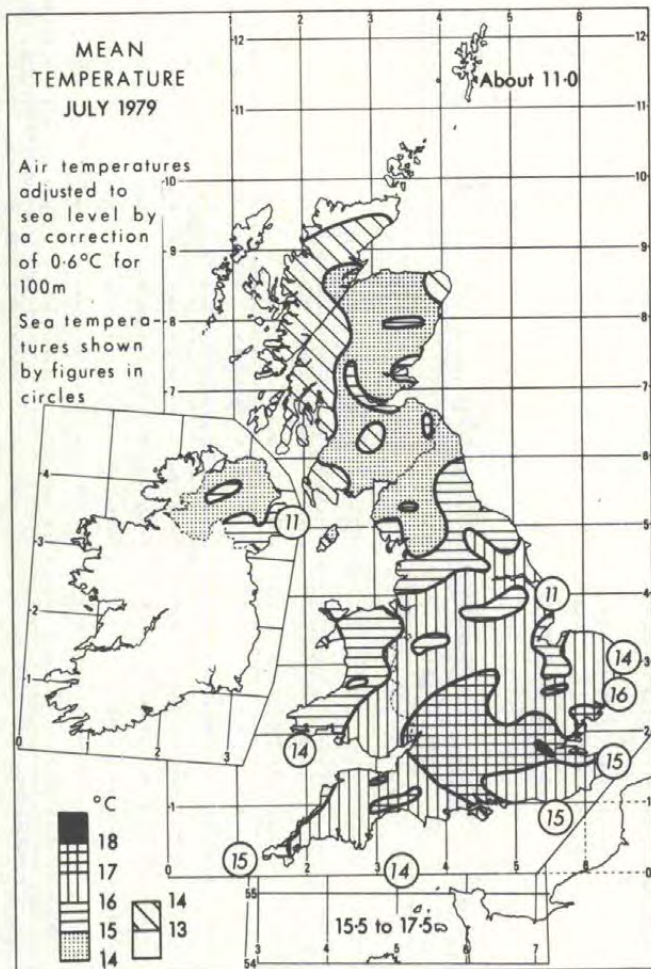
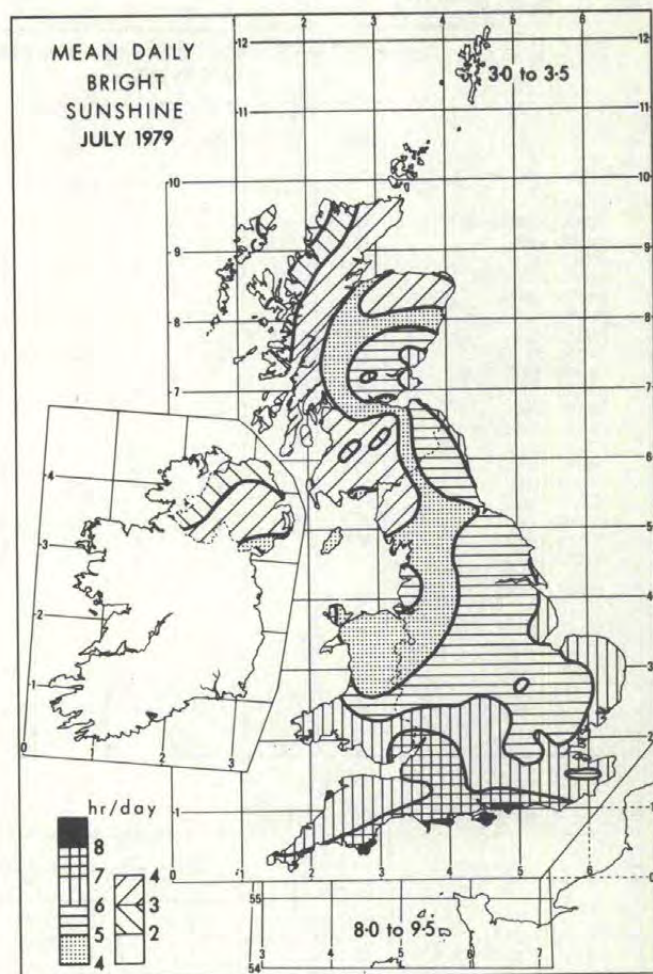
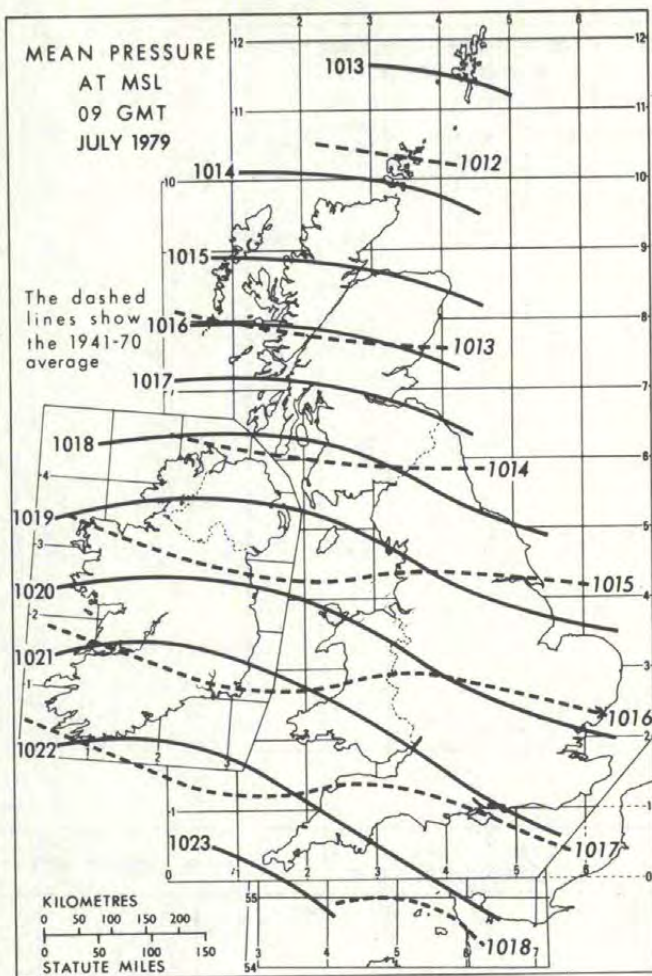




TABLE 2 SOLAR RADIATION

JULY 1979

STATION	DAILY GLOBAL IRRADIATION ON A HORIZONTAL SURFACE (MEGAJOULES PER SQUARE METRE)						DAILY DIFFUSE IRRADIATION ON A HORIZONTAL SURFACE (MEGAJOULES PER SQUARE METRE)					
	MAX.	DATE	MIN.	DATE	DAILY MEAN	NO. OF DAYS	MAX.	DATE	MIN.	DATE	DAILY MEAN	NO. OF DAYS
LERNICK	27.3	1	1.0	31	13.1	31	14.8	27	1.3	31	9.1	31
ABERDEEN UNIVERSITY	28.7	10	5.7	28	14.4	31						
ESKDALEHAIR	26.8	12	2.9	16	14.1	30	14.1	27	2.9	16	9.7	30
MOOR HOUSE	28.5	2	6.2	28	13.9	31						
SUTTON BONINGTON												
GRAHAM WATER												
ABERPORTH	29.7	4	7.7	30	19.9	29	14.1	9	7.6	30	11.1	29
CARDINGTON	27.6	5	8.5	22	17.7	28	14.3	8	7.5	5	11.4	28
SILSOE	27.6	5	8.6	22	17.8	31	14.9	8	8.1	23	11.4	31
ROTHAMSTED												
GARSTON	25.9	5	7.7	19	17.0	31						
WALLINGFORD	26.0	5	8.1	19	17.0	31						
LONDON WEATHER CENTRE												
KEM	27.6	12	7.3	19	17.9	31	13.2	8	6.3	29	10.2	31
EASTHAMPTON	25.8	14	6.8	29	17.3	31	14.3	4	6.6	29	10.8	31
EAST MALLING	26.7	12	5.6	19	17.4	31						
RUSTINGTON												
WAREHAM	27.5	5	8.9	19	19.9	31						
JERSEY AIRPORT	30.6	22	10.7	18	22.3	31	14.9	16	5.6	22	10.4	31
ALDERGROVE	26.5	12	5.1	19	13.8	31	14.3	10	5.0	19	10.2	31

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

JULY 1979

DISTRICT REGION/COUNTY AND PLACE	MAX. TERMINAL H(IGHT) 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 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	DRLE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE		
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE																						
0 SCOTLAND N																																
SHETLAND																																
BALTRASOUND	9 9	24	13.4	8.5	10.9	-1.1	16.6	4	5.9	1	11.1	-	63	97	10	6	20	12	0	0	0	0	0	0	0	0	0	0	3.31	76	-	-
FAIR ISLE	9 9	57	12.0	8.9	10.5	-	15.4	4	6.5	21	10.7	9.7	50	-	7	6	19	15	0	0	0	0	0	6	0	0	0	0	2.84	-	-	-
LERNICK	21-9	82																														
PSYCHROMETER			12.3	8.5	10.4	-	15.7	4	4.8	16	-	-	74	-	12	28	21	14	0	0	0	0	0	4	0	0	0	0	3.10	73	-	-
SCREEN			12.6	8.5	10.5	-1.2	16.0	4	4.7	16	-	-	-	-	-	-	21	14	0	0	0	0	0	0	0	0	0	-	-	-	-	
ORKNEY																																
KIRKWALL AIRPORT	21-9	26	14.4	9.2	11.8	-0.5	19.2	12	3.5	1	-	-	76	116	17	31	22	15	0	0	0	0	0	0	0	0	0	0	3.17	71	-	-
WEYLAND	9 9	24	14.1	9.3	11.7	-	18.9	12	5.5	1	12.5	-	74	-	12	31	22	16	0	0	0	0	0	1	0	0	0	0	-	-	-	-
WESTERN ISLES																																
BENBECULA	21-9	6	14.6	10.9	12.7	-0.5	18.1	27	9.2	21	-	-	133	164	24	15	24	20	0	0	0	0	0	1	0	0	0	0	2.01	41	-	-
SCALPAY	9 9	18	13.8	9.9	11.9	-	16.7	27	6.8	1.21	-	-	148	-	24	15	20	18	0	0	0	0	0	2	0	0	0	0	1.60	-	-	-
STORMWAY	21-9	15	14.6	10.0	12.3	-0.6	17.4	29	5.2	1	-	-	78	104	12	31	24	17	0	0	0	0	0	1	0	0	0	0	2.15	50	-	-
HIGHLAND																																
ACHARY	9 9	107	16.6	8.9	12.7	-	23.5	12	3.1	11	11.9	-	134	-	46	28	22	16	0	0	0	0	1	0	0	0	0	0	2.87	-	S	-
ACHNASHELLACH	9 9	67	-	-	-	-	-	-	-	-	-	-	165	111	22	15	26	23	0	0	0	0	0	0	0	0	0	0	-	-	-	-
CAPE WRATH	21-9	112	12.5	9.1	10.8	-1.0	16.7	28	7.0	1	-	-	150	167	21	15.31	28	23	0	0	0	0	0	8	0	0	0	0	1.91	-	-	-
CASSLEY	9 9	99	16.0	9.5	11.2	-	23.0	12	4.5	11	-	-	121	-	15	31	23	18	0	0	0	0	0	0	0	0	0	0	-	-	-	-
CORPACH	9 9	8	17.0	-	-	-	22.7	12	-	-	-	-	90	-	10	6	24	17	0	0	0	0	0	0	0	0	0	0	-	-	-	-
DALCROSS	9 9	11	17.8	10.7	14.3	-	23.5	12	6.4	1	-	-	59	96	13	29	21	15	0	0	0	0	0	0	0	0	0	0	-	-	-	-
DALWHINNIE	9 9	351	15.9	-	-	-	20.2	4.12	-	-	-	-	49	-	9	28	21	16	0	0	0	0	0	0	0	0	0	0	4.15	-	S	-
DIABRIG	9 9	60	15.2	10.4	12.8	-	20.4	12	7.7	1	-	-	157	-	25	15	25	22	0	0	0	0	0	0	0	0	0	0	-	-	-	-
DOUNREAY	9 9	21	15.7	9.7	12.7	-	20.3	30	6.5	11.12	-	-	78	114	13	31	16	16	0	0	0	0	0	1	0	0	0	0	-	-	-	-
FORT AUGUSTUS	9 9	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FORTROSE	9 9	5	16.3	10.5	13.4	-0.7	(24.0)	12	7.4	1	-	-	58	94	12	29	17	11	-	0	-	-	-	0	0	-	-	-	4.09	92	-	-
GEISGILL	9 9	12	-	9.3	-	-	-	-	3.4	1	-	-	154	-	27	15	25	23	0	0	0	0	0	0	0	0	0	0	-	-	1.28	-
GLENMOR LODGE	9 9	341	16.7	7.6	12.1	-	22.1	12	1.6	11	-	-	109	123	11	29	23	21	0	0	0	0	0	0	0	0	0	0	3.42	-	S	-
GRANTOWN-ON-SPEY	9 9	229	17.2	8.6	12.9	-	22.8	12	2.1	11	-	-	113	-	20	29	22	16	0	0	0	0	1	0	0	0	0	0	4.02	-	-	-
HEASTE	9 9	109	14.6	9.5	12.1	-	19.4	27	6.4	1	-	-	240	-	42	6	27	24	0	0	0	0	0	1	0	0	0	0	-	-	-	-
INVERGORDON	9 9	15	17.8	10.4	14.1	-	23.2	12	6.2	11	-	-	61	-	12	31	18	14	0	0	0	0	0	0	0	0	0	0	-	-	-	-
INVERNESS	9 9	4	17.9	10.8	14.3	-	23.5	12	7.4	1	-	-	51	78	7	31	18	13	0	0	0	0	0	0	0	0	0	0	4.00	-	-	-
INVERPOLLY	9 9	14	15.5	10.3	12.9	-	20.9	12	6.4	4	12.6	-	133	-	19	15	27	21	0	0	0	0	0	0	0	0	0	0	-	-	-	-
ISLE OF RHUM	9 9	5	15.5	9.9	12.7	-	19.6	27	6.2	1	14.7	12.7	235	111	37	30	25	22	0	0	0	0	0	0	0	0	0	0	2.31	-	-	-
KEISS	9 9	30	15.1	9.1	12.1	-	20.0	5	4.6	21	13.3	11.9	81	-	15	31	19	17	0	0	0	0	1	5	0	0	0	0	3.34	-	-	-
KNOCKANROCK	9 9	244	14.4	8.9	11.7	-	21.5	12	5.8	1	-	-	221	165	35	15	28	22	0	0	0	0	0	0	3	0	0	0	1	-	-	-
LAGGANLIR	9 9	250	17.3	8.5	12.9	-	22.3	12	0.5	11	-	-	93	-	25	29	22	15	0	0	0	0	0	0	0	0	0	0	-	-	-	-
LAIRG	9 9	107	17.4	9.0	13.2	-	24.0	12	3.4	1	12.8	10.8	105	-	31	28	19	15	0	0	0	0	0	1	0	0	0	0	-	-	-	-
LENTIRAN	9 9	146	17.5	9.5	13.5	-	22.1	12	5.6	1	11.5	-	67	-	15	29	18	15	0	0	0	0	0	0	0	0	0	0	-	-	-	-
NAIRN	9 9	6	17.9	10.2	14.1	0.0	24.1	12	5.9	1	-	-	59	97	10	31	21	13	0	0	0	0	0	1	0	0	0	0	4.55	99	-	-
ONICH	9 9	15	16.5	9.9	13.2	-0.3	22.0	12	4.5	1	-	-	168	113	23	8	27	20	0	0	0	0	-	5	0	0	0	0	1.53	42	S	-
POOLEWE	9 9	6	15.6	10.9	13.3	-	20.6	12	5.9	1	-	-	140	-	23	6	25	21	0	0	0	0	0	0	0	0	0	0	2.31	-	-	-
PRABOST	9 9	67	15.2	9.9	12.5	-	19.7	27	6.1	1	-	-	143	114	21	15	28	22	0	0	0	0	0	0	0	0	0	0	1.81	-	-	-
STANTHCOMON	9 9	107	17.8	9.4	13.6	-	24.2	12	3.3	11	-	-	62	-	9	25	22	16	0	0	0	0	0	0	0	0	0	0	-	-	-	-
TARBATNESS	21-9	18	16.1	10.2	13.1	-0.6	23.1	12	6.6	1	-	-	68	-	14	31	23	14	0	0	0	0	1	2	0	0	0	0	-	-	-	-
TOMATIN	9 9	311	16.7	( 8.7)	(12.7)	-	22.2	12	4.2	1.4	-	-	78	-	9	28	23	11	0	0	0	0	0	0	0	0	0	0	-	-	-	-
TORRISDALE	9 9	27	15.4	9.7	12.5	-	20.5	11	4.5	11	-	-	83	-	18	31	23	16	0	0	0	0	0	2	0	0	0	0	3.19	-	-	-
WICK	21-9	36	15.1	9.3	12.2	-0.3	20.9	4	3.3	1	-	-	87	138	17	31	20	15	0	0	0	0	1	3	0	0	0	0	2.98	66	-	-



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DISTRICT REGION/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 24)	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																						
1 SCOTLAND E																																
GRAMPIAN																																
ABERDEEN	21-9	58	18.2	9.9	14.1	+0.6	23.7	4.12	5.0	1	-	-	84	105	15	28	23	14	0	0	0	0	0	0	0	0	0	0	4.25	86	-	-
DYCE AIRPORT	9 9	52	17.3	10.1	13.7	0.0	21.7	12	5.2	1	-	-	95	121	17	29	21	15	0	0	0	0	0	0	0	0	0	0	-	-	-	-
MANNOFIELD	9 9	94	19.1	10.1	14.6	-	24.8	4	5.3	1	-	-	74	111	13	28	20	14	0	0	0	0	0	0	0	0	0	0	-	-	-	-
BALMORAL	9 9	283	17.8	7.9	12.9	+0.2	22.6	4	2.1	11	-	-	93	-	22	28	22	14	0	0	0	0	0	0	0	0	0	0	4.32	-	-	-
BRANCHORY	9 9	24	17.2	10.9	14.1	-	23.0	12.17	6.4	1	14.5	-	66	94	16	31	22	14	0	0	0	0	0	0	0	0	0	0	3.70	-	-	-
BRANFF	9 9	359	17.8	8.4	13.1	+0.4	22.5	3.4	3.1	11	-	-	83	135	15	25	22	15	0	0	0	0	0	0	0	0	0	0	4.96	107	-	-
BRANMAR	9 9	338	17.8	8.4	13.1	+0.4	22.5	3.4	3.1	11	-	-	83	135	15	25	22	15	0	0	0	0	0	0	0	0	0	0	3.56	-	-	-
CLASHMOIR	9 9	91	17.5	9.6	13.5	+0.2	22.9	12	4.6	1	12.7	12.7	89	107	17	28	23	16	0	0	0	0	0	0	0	0	0	0	4.50	88	-	-
CRAIBSTONE	9 9	3	16.9	9.2	13.1	-	20.6	17	3.4	1	-	-	75	109	20	28	21	12	0	0	0	0	0	0	0	0	0	0	3.67	-	-	-
CULTERTY	9 9	15	18.1	10.8	14.5	-	22.7	4	5.6	1	-	-	67	83	11	15	20	12	0	0	0	0	0	0	0	0	0	0	3.62	-	-	-
ELGIN	9 9	40	16.0	9.8	12.9	-	20.0	17	4.4	1	-	-	53	-	9	30	18	13	0	0	0	0	0	0	0	0	0	0	3.68	78	-	-
FOREHILL	9 9	5	18.7	10.6	14.7	+0.7	25.0	12	5.8	1	14.7	12.4	75	-	18	15	20	12	0	0	0	0	0	0	0	0	0	0	4.38	-	-	-
FORRES	21-9	19	15.9	10.5	13.2	-	22.0	12	7.5	1	-	-	48	79	11	31	16	13	0	0	0	0	0	0	0	0	0	0	-	-	-	-
FRASERBURGH	9 9	55	17.8	9.0	13.4	-	25.0	12	4.5	1.11	-	-	67	81	9	31	24	16	0	0	0	0	0	0	0	0	0	0	-	-	-	-
FYVIE CASTLE	9 9	146	17.6	9.6	13.6	-	23.5	12	3.7	11	-	-	81	-	15	31	23	14	0	0	0	0	0	0	0	0	0	0	-	-	-	-
GARTLY	21-9	215	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.72	-	-	-	
GLENLIVET	9 9	54	18.0	9.4	14.1	-	24.5	12	3.4	1	-	-	76	-	15	28	24	13	0	0	0	0	0	0	0	0	0	0	3.78	-	-	-
INVERURIE	9 9	106	17.7	9.3	13.5	-	23.4	4	3.2	1	-	-	82	-	12	15	19	15	0	0	0	0	0	0	0	0	0	0	3.90	-	-	-
KEITH	21-9	5	17.9	10.7	14.3	+0.3	24.2	12	6.3	1	13.3	-	69	101	15	15	21	13	0	0	0	0	0	0	0	0	0	0	4.28	-	-	-
KINLOSS	21-9	6	17.5	10.2	13.9	-	23.0	17	5.5	1	-	-	78	112	12	28	23	13	0	0	0	0	0	0	0	0	0	0	-	-	-	-
LOSSIEMOUTH	9 9	4	17.8	9.1	13.5	-0.2	21.9	6	3.5	1	-	-	95	124	19	28	21	16	0	0	0	0	0	0	0	0	0	0	4.21	84	-	-
STONEHAVEN	9 9	29	18.7	10.9	14.8	-	22.9	4	8.3	1.10	-	-	54	89	12	28	19	13	0	0	0	0	0	0	0	0	0	0	6.19	105	-	-
TAYSIDE	9 9	130	18.3	10.0	14.1	-	23.2	4	6.9	11	-	-	56	70	12	28	20	14	0	0	0	0	0	0	0	0	0	0	5.65	-	-	-
ARBROATH	9 9	232	17.1	8.3	12.7	-	22.0	12	0.6	11	-	-	75	98	24	27	21	14	0	0	0	0	0	0	0	0	0	0	-	-	-	-
ARDTALMAID	9 9	113	18.2	9.5	13.9	-	22.2	4.12	5.5	3	14.8	-	70	-	18	28	16	13	0	0	0	0	0	0	0	0	0	0	6.18	-	-	-
DALL	9 9	45	20.1	11.1	15.6	+0.8	24.5	12	7.4	1	17.2	-	68	90	28	28	16	12	0	0	0	0	0	0	0	0	0	0	5.94	117	-	-
DRUMMOND CASTLE	9 9	94	18.6	10.1	14.3	-	23.5	12	4.7	1	15.6	13.8	67	100	19	27	21	12	0	0	0	0	0	0	0	0	0	0	-	-	-	-
DUNDEE	9 9	259	17.8	7.9	12.7	-	22.2	4	3.5	12	-	-	80	-	16	28	18	12	0	0	0	0	0	0	0	0	0	0	-	-	-	-
FASKALLY	9 9	116	18.5	9.2	13.9	-	23.8	12	4.5	11.12	15.1	-	48	-	9	28	14	12	0	0	0	0	0	0	0	0	0	0	5.80	-	-	-
KINDROGHAN	9 9	57	18.4	9.9	14.1	-	23.0	12	6.8	20	-	-	67	97	17	28	23	14	0	0	0	0	0	0	0	0	0	0	-	-	-	-
KINROSS	9 9	30	19.0	10.4	14.7	-	23.0	12	5.5	1	14.7	12.0	67	96	16	28	17	10	0	0	0	0	0	0	0	0	0	0	5.29	-	-	-
KINTROSE	9 9	23	19.4	10.3	14.9	+0.2	24.5	4	6.0	11	-	-	53	72	18	28	16	11	0	0	0	0	0	0	0	0	0	0	-	-	-	-
MYLNEFIELD	9 9	41	19.3	10.3	14.8	-	23.6	4	6.2	11	-	-	56	-	19	28	18	13	0	0	0	0	0	0	0	0	0	0	-	-	-	-
PERTH	21-9	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
STRATHALLAN	9 9	258	18.5	8.3	13.4	-	22.8	2	2.3	10	-	-	92	95	20	29	17	14	0	0	0	0	0	0	0	0	0	0	-	-	-	-
USAN	9 9	82	18.1	10.2	14.1	-	22.2	12	6.3	21	14.7	-	49	66	8	15	20	15	0	0	0	0	0	0	0	0	0	0	-	-	-	-
WHITENILLOCKS	9 9	36	19.8	10.1	14.9	-	24.6	29	5.4	11	15.7	-	37	-	7	15	16	14	0	0	0	0	0	0	0	0	0	0	6.14	-	-	-
FIFE	21-9	10	19.8	10.2	15.0	+0.5	24.4	12	6.1	1	-	-	41	61	8	29	19	11	0	0	0	0	0	0	0	0	0	0	6.20	106	-	-
BELLISTON	9 9	40	18.7	10.8	14.7	-	24.3	12	6.3	1	-	-	45	64	8	25	17	12	0	0	0	0	0	0	0	0	0	0	-	-	-	-
CUPAR	9 9	18	19.4	11.2	15.3	-	23.5	12	7.6	1	15.3	13.4	41	63	7	29	19	11	0	0	0	0	0	0	0	0	0	0	6.21	-	-	-
LEUCHARS	21-9	10	19.8	10.2	15.0	+0.5	24.4	12	6.1	1	-	-	41	61	8	29	19	11	0	0	0	0	0	0	0	0	0	0	-	-	-	-
PITREAVIE	9 9	184	17.6	10.0	13.8	-	23.5																									



DISTRICT REGION/COUNTY AND PLACE	MAX. TEMP. 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		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	RAIL	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.
6 SCOTLAND W																														
STRATHCLYDE																														
ACHAOLACHGACH	9 9	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
ARDS	9 9	37	15.8	10.0	12.9	-	21.0	27	5.0	11	-	-	155	-	24	6	22	18	0	0	0	0	0	0	0	0				
ACHINCRAIVE	9 9	45	16.7	10.9	13.8	-0.5	22.7	12	6.3	11	13.9	12.8	83	103	15	28	19	12	0	0	0	0	0	0	0	3.30	67			
BENMORE (YOUNGER BOTANIC GARDEN)	9 9	12	16.5	10.8	13.7	-	22.6	12	5.2	11	15.8	-	120	69	17	8	23	19	0	0	0	0	0	0	0	0	-			
BRODICK CASTLE	9 9	15	17.1	11.1	14.1	-	22.0	12	6.7	4	15.7	-	66	46	10	8	19	15	0	0	0	0	0	0	0	0	-			
CAMPS RESERVOIR	9 9	295	15.4	8.4	11.9	-	21.4	12	4.0	11.12	-	-	69	77	10	28	22	16	0	0	0	0	0	0	0	2.80	-			
CARNWATH	9 9	268	16.5	8.5	12.5	-	22.7	12	0.3	11	13.2	-	48	63	9	31	19	13	0	0	0	0	0	0	0	0	-			
CARTBRIDGE	9 9	66	17.5	10.6	14.1	-	23.0	12	5.8	11	-	-	54	73	12	28	16	10	0	0	0	0	0	0	0	0	-			
COLONSAY	9 9	35	15.2	10.4	12.8	-	19.7	27	7.5	11	-	-	104	-	12	6	23	19	0	0	0	0	0	0	0	0	-			
CRAIGHOUSE	9 9	4	15.9	10.4	13.1	-	19.0	28	6.9	11	-	-	111	-	17	28	23	19	0	0	0	0	0	0	0	0	-			
CRAWFORD JOHN	9 9	274	15.6	8.6	12.1	-	20.6	27	3.3	4.12	13.3	-	-	-	-	-	-	-	0	0	0	0	0	0	0	3.14	-			
CUMNOCK	9 9	99	16.9	10.1	13.5	-	26.0	12	5.6	11	14.8	-	86	-	13	31	21	15	0	0	0	0	0	0	0	2.58	-			
DUNSTAFFRAE	9 9	3	15.8	10.4	13.1	-	20.9	12	6.3	4	-	-	122	-	25	27	23	20	0	0	0	0	0	0	0	0	-			
EAST KILBRIDE	9 9	178	16.5	10.2	13.3	-	22.3	12	6.6	11	-	-	50	-	9	28	18	12	0	0	0	0	0	0	0	4.01	-			
GLASGOW	9 9	8	17.2	11.2	14.2	-	23.2	12	8.1	4	-	-	96	142	30	28	17	12	0	0	0	0	0	0	0	3.16	-			
ABBOTSINCH AIRPORT	21-9	5	17.6	10.7	14.1	-0.6	22.8	12	5.0	11	-	-	42	-	8	30	15	11	0	0	0	0	0	0	0	3.76	73	-		
SPRINGBURN PARK	9 9	107	16.9	10.9	13.9	-0.6	23.0	12	7.7	1	-	-	66	76	11	30	21	12	0	0	0	0	0	0	0	0	-	-		
WEATHER CENTRE (X)	21-9	40	17.3	11.9	14.6	-	22.9	12	9.4	1	-	-	49	-	11	30	17	12	0	0	0	0	0	0	0	3.67	-	S		
GREENOCK	9 9	61	-	-	-	-	-	-	-	-	-	-	66	60	14	28	16	14	-	-	-	-	-	-	-	2.91	58	-		
HELENSBURGH	9 9	96	16.3	10.0	13.1	-1.2	(21.5)	27	6.5	11	-	-	80	76	17	28	17	14	-	0	0	0	0	0	0	3.82	-	-		
HUNTERSTON	9 9	8	16.3	-	-	-	21.2	12	-	-	-	-	57	-	10	15	16	13	0	0	0	0	0	0	0	0	-	-		
KILDONAN	9 9	18	16.0	10.5	13.3	-	(23.0)	12	8.0	1	-	-	91	-	14	25	25	15	0	0	0	1	0	0	0	3.60	-	S		
KILMARNOCK	9 9	34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
KNAPDALE FOREST	9 9	12	16.1	9.9	13.0	-	21.7	12	4.1	11	-	-	133	-	21	16	25	22	0	0	0	0	0	0	0	0	-	-		
LEADHILLS	9 9	388	14.8	8.3	11.5	-	20.4	12	4.0	11	-	-	106	91	15	28.30	22	17	0	0	0	0	1	0	1	0	-	-		
MACHRIHANISH	21-9	10	15.9	10.8	13.3	-	20.1	12	7.2	23	-	-	69	78	16	24	21	15	0	0	0	0	1	0	0	0	3.16	-		
MILLPORT	9 9	5	16.1	11.2	13.7	-	20.0	27	7.5	1	-	-	71	77	11	15	16	14	0	0	0	0	0	0	0	0	-	-		
PRISLEY	9 9	32	17.8	11.5	14.7	-0.4	23.3	12	7.7	11	14.8	12.8	40	49	8	30	18	11	0	0	0	0	0	0	0	0	3.48	71	-	
PRESTWICK	21-9	16	16.7	11.0	13.9	-	22.7	12	5.9	4.11	-	-	78	94	17	30	18	14	0	0	0	1	0	0	0	0	3.32	-		
RHUVAAL	21-9	20	14.9	10.7	12.8	-	20.0	12	8.9	12	-	-	110	103	15	15	24	17	0	0	0	0	0	0	0	0	-	-		
ROTHESAY	9 9	43	16.5	10.6	13.5	-	21.5	12.27	7.0	11	13.2	11.5	94	83	19	15	20	19	0	0	0	0	0	0	0	0	3.01	-		
STRONACHULLIN	9 9	2	16.3	9.4	12.9	-	20.3	12	4.9	11	-	-	115	-	22	15	19	18	0	0	0	0	1	0	0	0	-	-		
TIREE	21-9	9	14.6	10.6	12.6	-0.8	17.0	27.28	8.4	4	-	-	122	144	19	15	23	18	0	0	0	0	1	0	0	0	2.03	39	-	
UPLANDMOOR	9 9	128	16.2	9.8	13.0	-	21.8	12	3.7	11	-	-	80	-	12	8	18	12	0	0	0	0	0	0	0	0	-	-		
CENTRAL																														
ARROCHYMORE	9 9	30	-	-	-	-	-	-	-	-	-	-	79	-	17	28	18	14	0	0	0	0	0	-	-	0	-	-		
CALLANDER	9 9	107	18.7	10.3	14.5	-	23.4	4	5.3	11	-	-	83	75	18	30	18	14	0	0	0	0	0	0	0	0	-	-		
EARLS HILL	21-9	335	15.8	8.8	12.3	-	21.0	12	4.0	1	-	-	69	-	16	30	17	13	0	0	0	0	0	0	0	2	5.24	-		
FALKIRK	9 9	3	18.9	11.0	14.9	-	24.3	12	7.0	11	-	-	39	-	7	28	14	11	0	0	0	0	1	0	0	0	4.71	-		
PARKHEAD	9 9	107	18.7	10.0	14.3	-	24.0	12	6.0	1.11.12	16.0	-	67	-	19	28	14	10	0	0	0	0	0	0	0	0	-	-		
STIRLING (BATTERFLATS)	9 9	38	19.7	10.5	15.1	-	24.8	12	5.1	11	15.7	14.0	45	-	12	30	16	8	0	0	0	0	0	0	0	0	5.11	-	-	
DUMFRIES & GALLOWAY																														
BARGRENHARN	9 9	110	16.9	9.1	13.0	-	22.0	12	2.7	23	-	-	126	124	32	30	19	15	0	0	0	0	1	3	0	2	-	-		
CLATTERINGSHAWS	9 9	178	16.3	9.7	13.0	-	21.4	12	5.1	12	-	-	87	68	15	30	19	12	0	0	0	0	1	1	0	0	3.52	-		
DUMFRIES	9 9	49	17.5	10.6	14.1	-0.4	22.5	12	7.0	10.12	14.8	13.3	49	58	10	15	14	10	0	0	0	0	1	0	0	0	3.68	75	-	
DUNDEUGH	9 9	119	17.5	9.3	13.4	-	22.7	12	2.8	12	13.2	-	55	56	14	30	14	13	0	0	0	0	0	1	0	0	-	-		
ESKDALEMUIR	21-9	242	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	-	-		
PSYCHROMETER			16.2	8.4	12.3	-	21.2	12	2.0	12	13.5	11.7	63	56	9	30	21	15	0	0	0	0	1	0	0	1	0	3.89	87	-
SCREEN			16.6	8.7	12.7	-0.4	21.9	12	2.3	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.14	-	-	
GROSTINGWOOD	9 9	98	-	-	-	-	-	-	-	-	-	-	56	-	(12)	24	13	12	-	-	-	-	-	-	-	-	-	-	-	
GLENLEE	9 9	55	17.8	9.8	13.8	-0.6	23.0	12	4.0	12	-	-	64	65	14	30	19	12	0	0	0	0	1	0	4	-	-	-	-	
GLENLOCHAR BARRAGE	9 9	47	17.8	9.9	13.9	-	22.1	12	4.9	23	-	-	58	61	15	24	14	10	0	0	0	0	1	1	0	0	-	-	-	
NEWTON STEWART	9 9	46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	-	-	-	
PALNUR	9 9	18	17.1	10.2	13.7	-	22.0	27	3.7	23	-	-	85	90	28	24	17	13	0	0	0	0	1	4	0	1	-	-	-	
THREAVE	9 9	73	17.6	10.3	13.9	-	22.2	12	6.0	23	15.2	-	65	68	21	24	14	11	0	0	0	0	1	0	0	0	-	-	-	-
2 ENGLAND E & NE																														
NORTHUMBERLAND																														
BOULMER	21-9	23	18.0	11.0	14.5	-	22.4	6	7.8	12	15.0	13.2	47	-	17	30	14	13	0	0	0	0	1	0	0	0	0	6.06	-	-
COCKLE PARK	9 9	99	18.6	10.5	14.5	-	22.7	4	8.0	2	14.7	-	36	51	15	30	14	11	0	0	0	0	0	0						



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

TABLE 3 SUMMARY OF DAILY OBSERVATIONS																															
DISTRICT REGION/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 (MM)	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																					
2 ENGLAND E & NE -CONTINUED																															
DURHAM	9 9	102	19.5	11.0	15.3	+0.4	23.5	27	7.3	1	15.6	13.5	25	44	9	30	11	6	-	0	0	0	0	0	0	0	0	5.17	104	5	
LOW ETHELEY	9 9	155	19.1	10.1	14.6	-	24.0	27	6.0	1	14.1	11.4	37	-	13	30	13	5	0	0	0	0	0	0	0	0	0	4.75	-	-	
WIDDYBANK FELL	9 9	513	15.0	8.5	11.7	-	20.3	27	4.3	11	10.9	-	64	-	12	30	18	14	0	0	0	0	0	0	0	0	0	4.65	-	-	
CLEVELAND	9 9	31	20.4	9.9	15.1	-	26.1	27	4.4	1	-	-	26	47	7	30	15	8	0	0	0	0	0	0	0	0	0	4.65	-	-	
HARTBURN GRANGE	9 9	9	19.4	11.9	15.7	+0.2	24.0	4	8.0	1	-	-	26	43	6	30	11	7	0	0	0	0	0	0	0	0	0	5.73	-	-	
HARTLEPOOL	9 9	9	19.4	11.9	15.7	+0.2	24.0	4	8.0	1	-	-	26	43	6	30	11	7	0	0	0	0	0	0	0	0	0	5.73	-	-	
NORTH YORKSHIRE	9 9	33	20.6	10.2	15.4	-	26.0	27	6.0	1.22	-	-	28	52	14	30	9	6	0	0	0	0	0	0	0	0	0	5.29	101	-	
ASKHAM BRYAN	9 9	6	20.4	10.5	15.5	-	25.6	27.28	6.0	1	16.2	14.9	16	30	14	30	4	1	0	0	0	0	0	0	0	0	0	5.50	-	-	
CAMODD	9 9	6	20.4	10.5	15.5	-	25.6	27.28	6.0	1	16.2	14.9	16	30	14	30	4	1	0	0	0	0	0	0	0	0	0	5.50	-	-	
HIGH MOUTHORPE	9 9	175	19.2	10.0	14.6	-	25.1	27	6.3	1.10	-	-	35	52	14	31	8	4	0	0	0	0	0	0	0	0	0	4.95	-	-	
LEENING	21-9	32	20.5	11.3	15.9	-	26.1	27	7.4	2	15.9	14.0	19	41	8	30	10	4	0	0	0	0	0	0	0	0	0	5.36	-	-	
MALHAM TARN	9 9	395	15.9	9.1	12.5	-0.4	21.6	27	4.8	1	13.6	-	57	47	15	30	14	10	0	0	0	0	0	0	0	0	0	-	-	-	
PICKERING	9 9	44	21.1	9.4	15.3	-	26.5	27	5.2	10	14.9	-	28	47	15	30	7	5	0	0	0	0	0	0	0	0	0	5.54	98	-	
SCARBOROUGH	9 9	52	19.5	11.7	15.6	-	23.4	6.17	8.3	1	15.7	14.1	39	70	18	30	9	3	0	0	0	0	0	0	0	0	0	5.05	-	-	
SILPHO HOOR	9 9	203	19.1	10.3	14.7	-	22.8	17.29	6.2	1	14.0	-	24	31	14	30	8	4	0	0	0	0	0	0	0	0	0	4.13	-	5	
SNARZEHL	9 9	290	16.3	9.2	12.7	-	22.0	27	5.8	4	13.6	-	71	-	19	31	14	13	0	0	0	0	0	0	0	0	0	5.85	-	-	
WHITBY	9 9	41	19.6	11.7	15.7	-	24.2	4	8.4	2	-	-	23	-	7	30	9	5	0	0	0	0	0	0	0	0	0	5.85	-	-	
WHITBY (COASTGUARD)	21-9	60	18.2	11.5	14.9	-	23.0	28.29	8.7	2.12	-	-	26	-	9	31	10	6	0	0	0	0	0	0	0	0	0	5.45	-	-	
YORK (HESLINGTON)	9 9	19	20.6	11.7	16.1	-	25.8	27	8.0	1	16.0	14.6	32	62	14	30	6	5	0	0	0	0	0	0	0	0	0	5.45	-	-	
HUMBERSIDE	9 9	48	-	-	-	-	-	-	-	-	-	-	29	46	18	30	9	5	-	0	-	-	-	-	-	-	-	-	-	-	
BRIDLINGTON	9 9	7	20.4	12.2	16.3	+0.3	26.0	28	9.0	22	-	-	53	101	29	29	6	4	-	0	1	0	0	0	0	0	0	5.95	100	-	
CLEETHORPES	9 9	7	20.4	12.2	16.3	+0.3	26.0	28	9.0	22	-	-	53	101	29	29	6	4	-	0	1	0	0	0	0	0	0	5.96	108	5	
HULL	9 9	2	21.2	12.2	16.7	+0.4	26.0	27	9.0	12.22	17.6	15.2	26	46	20	30	8	2	0	0	0	0	0	0	0	0	0	5.96	108	5	
LINCOLNSHIRE	21-9	108	20.2	10.8	15.5	-	25.1	28	6.9	1	-	-	18	26	15	30	6	2	0	0	0	0	0	0	0	0	0	5.94	-	-	
BIRBOON	9 9	21	20.9	9.7	15.3	-	26.4	27	4.2	10	-	-	20	-	15	30	6	3	0	0	0	0	0	0	0	0	0	-	-	-	
CAISTON	9 9	21	20.9	9.7	15.3	-	26.4	27	4.2	10	-	-	20	-	15	30	6	3	0	0	0	0	0	0	0	0	0	-	-	-	
CONINGSBY	21-9	7	21.1	11.3	16.2	-	26.8	27	6.4	1	-	-	17	-	11	30	3	2	0	0	0	0	0	0	0	0	0	6.03	104	-	
CRAWWELL	9 9	62	21.2	11.2	16.2	+0.3	26.9	27	7.4	1.10	18.1	16.5	14	25	13	30	3	2	0	0	0	0	0	0	0	0	0	6.00	-	-	
KIRTON	9 9	4	20.9	10.8	15.9	-	27.0	27	6.2	10	15.9	13.7	27	-	17	29	3	2	0	0	0	0	0	0	0	0	0	5.63	-	-	
LINCOLN	9 9	6	21.1	9.7	15.4	-0.5	27.1	27	3.4	10	16.0	14.4	23	43	17	30	6	2	0	0	0	0	0	0	0	0	0	6.56	109	-	
SKEGNESS	9 9	5	20.0	11.7	15.9	0.0	25.6	28	7.5	22	-	-	25	45	18	29	3	2	0	0	0	0	0	0	0	0	0	6.56	109	-	
SUTTON BRIDGE	9 9	4	22.3	11.0	16.3	-	26.5	29	7.5	1.22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.89	100	-		
WADDINGTON	21-9	68	20.9	11.4	16.1	+0.2	27.7	27	7.5	1	-	-	24	45	16	30	5	3	0	0	0	0	0	0	0	0	0	5.89	100	-	
3 EAST ANGLIA																															
NORFOLK	21-9	17	20.5	11.7	16.1	-	26.7	28	7.5	5	-	-	16	27	11	29	7	3	0	0	0	0	0	0	0	0	0	-	-	-	
COLTISHALL	9 9	54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CROMER	9 9	3	20.9	11.0	15.9	-	26.5	27	7.3	3	16.9	15.0	19	-	11	29	6	3	0	0	0	0	0	0	0	0	0	5.45	-	-	
DENVER	9 9	3	20.9	11.0	15.9	-	26.5	27	7.3	3	16.9	15.0	19	-	11	29	6	3	0	0	0	0	0	0	0	0	0	5.45	-	-	
GORLESTON	9 9	4	19.7	12.9	16.3	+0.2	26.5	17	8.7	22	16.6	14.8	7	12	4	29	8	1	0	0	0	0	0	0	0	0	0	6.32	97	5	
HEMSBY	21-9	14	19.8	11.9	15.9	-	27.0	28	8.0	22	16.2	14.8	7	-	3	29	8	1	0	0	0	0	0	0	0	0	0	6.32	-	-	
HARHAM	21-9	23	21.1	11.4	16.3	-	26.8	27	6.9	3	-	-	27	-	17	29	6	3	0	0	0	0	0	0	0	0	0	6.01	-	-	
HARLEY ST BOTOLPH	9 9	46	21.0	10.5	15.7	-	27.1	27	6.8	4	17.1	-	13	-	6	29	3	3	0	0	0	0	0	0	0	0	0	6.32	-	-	
MORLEY ST BOTOLPH	9 9	24	21.8	9.4	15.6	-	28.2	27	3.0	3	15.5	13.7	20	30	13	29	6	3	0	0	0	0	0	0	0	0	0	5.52	-	-	
SANTON DOWNHAM	9 9	27	22.0	11.3	16.7	-	28.6	27	6.5	3	18.5	17.0	15	-	5	29	8	5	0	0	0	0	0	0	0	0	0	6.18	-	-	
SCOLE	9 9	27	22.0	11.3	16.7	-	28.6	27	6.5	3	18.5	17.0	15	-	5	29	8	5	0	0	0	0	0	0	0	0	0	5.62	97	-	
TERRINGTON ST CLEMENT	9 9	3	21.5	10.4	15.9	-0.2	26.5	27	6.4	13	16.8	-	39	74	17	29	5	4	0	0	0	0	0	0	0	0	0	5.62	97	-	
CAMBRIDGESHIRE	9 9	53	21.2	11.8	16.5	-	27.3	27	6.9	1	-	-	15	29	7	29	6	2	0	0	0										



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

JULY 1979

DISTRICT REGION/COUNTY AND PLACE	MAX. DP 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																						
4 MIDLAND COUNTIES																																
WEST YORKSHIRE																																
BRAFDORD ...	9 9	134	18.9	11.1	15.0	-0.2	24.9	27	6.7	14	14.8	13.1	21	31	13	30	6	4	0	0	0	0	0	0	0	0	0	0	0	4.80	92	S
BRAMHAM ...	9 9	54	20.2	10.8	15.5	-	24.7	27	7.0	12	-	-	21	36	12	30	5	3	0	0	0	0	0	0	0	0	0	0	0	-	-	-
HUDDERSFIELD(OAKES)	21-9	232	19.8	10.5	15.1	0.0	25.6	27	6.5	1	14.0	11.5	15	20	5	30	11	4	0	0	0	0	0	0	0	0	0	0	0	-	-	-
ILKLEY ...	9 9	83	19.0	10.2	14.6	-0.8	23.5	12	7.0	6.14	-	-	29	40	16	30	8	6	0	0	0	0	0	0	0	0	0	0	0	5.29	108	-
PONTEFRAC ...	9 9	78	20.4	11.6	16.0	+0.5	25.7	27	7.6	1	-	-	17	31	11	30	7	5	0	0	0	0	0	0	0	0	0	0	0	-	-	-
TODMORDEN ...	9 9	160	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WILSON ...	9 9	262	18.0	10.3	14.1	-	24.0	27	5.7	1	-	-	25	-	14	30	9	5	0	0	0	0	0	0	0	0	0	0	0	-	-	-
SOUTH YORKSHIRE																																
FINNMOLEY ...	21-9	10	21.5	11.1	16.3	-	26.8	27	7.8	4	-	-	21	38	17	30	5	3	0	0	0	0	0	0	0	0	0	0	0	5.28	-	-
SHEFFIELD																																
DORE ...	9 9	206	19.7	11.3	15.5	-	25.8	27	7.3	1	-	-	16	-	10	30	8	3	0	0	0	0	0	0	0	0	0	0	0	-	-	-
WESTON PARK ...	9 9	131	20.4	12.2	16.3	+0.3	26.4	27	8.3	1	16.2	14.4	13	22	9	30	7	2	0	0	0	0	0	0	0	0	0	0	0	5.48	106	-
DERBYSHIRE																																
ASHOVER ...	9 9	178	19.9	10.7	15.3	-	25.6	27	7.1	10	-	-	14	-	11	30	5	2	0	0	0	0	0	0	0	0	0	0	0	5.52	-	-
BARBROOK ...	9 9	323	17.9	9.6	13.7	-	24.1	4	5.2	10	-	-	23	31	13	30	11	7	0	0	0	0	0	0	0	0	0	0	0	4.98	-	-
BUXTON ...	9 9	307	17.7	10.9	14.3	+0.4	24.3	27	8.5	15	15.1	14.2	50	49	16	30	16	11	0	0	0	0	0	0	0	0	0	0	0	5.03	104	S
DERBY ...	9 9	48	21.2	12.1	16.7	-	27.6	27	8.8	10	-	-	19	33	13	30	6	3	0	0	0	0	0	0	0	0	0	0	0	4.60	-	S
WINGERWORTH ...	9 9	116	20.4	9.7	15.1	-	26.0	27	5.4	10	14.9	-	14	-	11	30	8	1	0	0	0	0	0	0	0	0	0	0	0	5.31	-	-
NOTTINGHAMSHIRE																																
NANSFIELD ...	9 9	114	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEWTHORPE ...	9 9	58	-	-	-	-	-	-	-	-	-	-	28	-	21	31	4	2	0	0	0	0	0	0	0	0	0	0	0	-	-	-
NOTTINGHAM	9 9	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SUTTON BONINGTON	9 9	48	21.0	10.6	15.8	-0.1	26.9	27	6.4	10	15.5	14.1	13	25	7	30	3	2	0	0	0	0	0	0	0	0	0	0	0	5.47	101	-
WARSOP ...	9 9	46	21.1	10.1	15.6	-	27.6	27	5.4	3	-	-	17	33	12	30	5	3	0	0	0	0	0	0	0	0	0	0	0	5.04	-	-
WATNALL ...	21-9	117	20.7	11.3	16.0	+0.3	28.1	27	7.4	1	-	-	30	49	15	30	8	5	0	0	0	0	0	0	0	0	0	0	0	4.63	88	-
STAFFORDSHIRE																																
KEELE ...	9 9	179	19.0	11.0	15.0	-	25.3	27	7.9	14	15.2	12.8	22	31	7	30	10	5	0	0	0	0	0	0	0	0	0	0	0	4.20	-	S
DAKEN ...	9 9	125	20.6	10.8	15.7	+0.4	27.0	27	7.2	14	15.7	-	15	23	12	30	5	2	0	0	0	0	0	0	0	0	0	0	0	-	-	S
PENKIRIDGE ...	9 9	101	20.6	10.6	15.6	-	26.5	27	5.6	14	-	-	12	20	9	30	5	2	0	0	0	0	0	0	0	0	0	0	0	5.48	-	-
STONE ...	9 9	107	19.7	10.3	15.0	-	26.4	27	6.2	14	-	-	15	24	8	30	7	4	0	0	0	0	0	0	0	0	0	0	0	5.27	-	-
LEICESTERSHIRE																																
CALDECOTT ...	9 9	53	21.5	10.3	15.9	-	27.5	27	5.1	1	-	-	45	96	18	28	5	4	0	0	0	0	0	0	0	0	0	0	0	5.36	-	-
NEWTON LINFORD	9 9	119	20.9	10.4	15.7	-	27.3	27	6.8	10	-	-	18	29	10	30	7	5	0	0	0	0	0	0	0	0	0	0	0	4.89	-	-
SALOP																																
HAWTON LODGE ...	9 9	70	21.9	10.1	16.0	-	28.2	27	5.0	14	-	-	7	-	5	30	2	2	-	-	-	-	-	-	-	-	-	-	-	5.29	-	-
NEWPORT ...	9 9	64	20.9	10.8	15.9	-	26.6	27	5.9	14	-	-	19	30	9	30	5	3	0	0	0	0	0	0	0	0	0	0	0	5.20	99	-
OSMESTRY ...	9 9	174	19.4	11.2	15.3	-	25.5	27	6.0	15	-	-	26	37	12	30	6	3	0	0	0	0	0	0	0	0	0	0	0	4.39	83	S
PRESTON MONTFORD	9 9	67	21.1	10.2	15.7	-	27.1	27	4.9	14	17.2	-	7	-	5	30	3	2	0	0	0	0	0	0	0	0	0	0	0	4.88	-	S
SHAMBURY ...	21-9	72	20.3	10.5	15.4	0.2	26.6	27	5.1	14	-	-	10	17	8	30	3	2	0	0	0	0	0	0	0	0	0	0	0	4.86	89	-
SHREWSBURY ...	9 9	55	20.6	11.3	15.9	-	27.3	27	5.4	14	17.7	16.2	15	26	10	30	4	2	0	0	0	0	0	0	0	0	0	0	0	4.60	86	-
WEST MIDLANDS																																
BIRMINGHAM																																
EDGBASTON ...	21-9	163	20.6	12.4	16.5	+0.5	27.6	27	8.7	1	13.8	-	18	28	8	24	7	4	0	0	0	0	0	0	0	0	0	0	0	5.36	101	-
ELMDON AIRPORT ...	21-9	96	21.4	11.1	16.3	+0.4	28.0	27	5.9	4	-	-	13	-	7	30	6	4	0	0	0	0	0	0	0	0	0	0	0	5.48	96	-
KING EDWARD'S SCHOOL	9 9	137	19.9	11.6	15.7	-	23.8	6	8.0	1	-	-	23	37	10	24	5	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-</



TABLE 3. SUMMARY OF DAILY OBSERVATIONS

[illegible]



DISTRICT REGION/COUNTY AND PLACE	MAX. TERMINAL HEIGHT MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C						MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL H 09 GMT)		WEATHER (NUMBER OF DAYS)										BRIGHT SUNSHINE										
			MEANS OF		DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	AMOUNT (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		
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE																							
7A ENGLAND NM & I.O.M.																																	
CUMBRIA																																	
CARLISLE ...	21-9	26	17.9	10.8	14.3	-	22.6	12.27	6.9	1.12	15.8	14.3	40	49	9	24	17	12	0	0	0	0	0	0	0	0	0	0	0	3.90	-	-	
CARTHEL ...	9-9	35	17.8	10.5	14.1	-	24.1	27	5.9	4	-	-	41	-	8	30	15	13	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
ESKMEALS ...	9-9	8	16.6	10.9	13.7	-	23.1	27	6.1	4	-	-	71	-	20	28	16	14	0	0	0	0	0	0	0	0	0	0	0	0	3.94	-	-
GRIZEDALE ...	9-9	91	17.6	9.5	13.5	-	23.7	27	5.0	3	13.8	-	75	55	13	28	15	14	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
MOOR HOUSE ...	9-9	556	14.4	7.8	11.1	-	19.6	12	2.0	11	11.0	-	102	75	15	24	21	14	0	0	0	0	0	0	0	0	0	0	0	0	4.19	-	-
NEWTON RIGG ...	9-9	171	18.3	10.4	14.3	0.0	23.6	12	6.6	23	16.3	-	34	63	7	24	14	9	0	0	0	0	0	0	0	0	0	0	0	0	3.93	81	S
SELLAFIELD ...	9-9	13	16.8	11.0	13.9	-	22.0	27	8.0	4	-	-	72	87	13	30	15	15	-	0	-	-	2	0	0	0	0	0	0	0	3.62	-	-
LANCASHIRE																																	
AUGHTON ...	21-9	54	18.4	12.4	15.4	-	25.8	27	9.9	14	15.9	14.5	35	-	13	30	10	6	0	0	0	0	0	0	0	0	0	0	0	5.39	-	-	
HAZELRIGG ...	9-9	95	17.0	11.5	14.3	-	23.6	27	8.5	1	14.6	-	45	-	9	30	15	10	-	0	-	-	0	0	0	0	0	0	0	0	4.30	-	-
HELMESHORE ...	9-9	260	17.4	-	-	-	23.5	27	-	-	13.5	-	59	46	24	30	14	11	0	0	0	0	0	0	0	0	0	0	0	0	4.36	-	S
KIRKHAM ...	9-9	24	-	-	-	-	-	-	-	-	-	-	42	51	15	31	12	8	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
MORECAMBE ...	9-9	7	17.7	13.0	15.3	-0.4	23.3	27	9.0	4	-	-	34	42	11	30	15	10	0	0	0	0	0	0	0	0	0	0	0	4.56	83	-	
PRESTON ...	9-9	33	18.6	11.8	15.2	-	25.1	27	8.5	4	-	-	43	50	11	31	13	8	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
SLAIDBURN ...	9-9	192	17.5	10.3	13.9	-	23.7	27	6.2	4	-	-	45	39	11	30	12	6	0	0	0	0	0	0	0	0	0	0	0	4.46	-	-	
SQUIRES GATE AIRPORT ...	21-9	10	18.3	12.3	15.3	-0.2	26.0	27	7.0	4	-	-	25	35	8	30	14	7	0	0	0	0	0	0	0	0	0	0	0	5.56	91	-	
MERSEYSIDE																																	
RIGBURN ...	9-9	12	19.9	13.2	16.5	-	27.1	27	10.9	1.4	-	-	25	-	15	30	10	5	0	0	0	0	0	0	0	0	0	0	0	4.70	-	-	
BIDSTON ...	9-9	60	18.6	13.1	15.9	-	26.2	27	10.2	1	-	-	17	26	14	30	6	2	0	0	0	0	0	0	0	0	0	0	0	5.25	-	-	
ST HELENS ...	9-9	76	19.8	12.0	15.9	-	26.0	12	10.0	4.24	17.4	-	31	-	14	30	11	6	0	0	0	0	0	0	0	0	0	0	0	5.18	-	-	
SOUTHPORT ...	9-9	5	18.2	12.1	15.1	-0.4	24.9	27	8.1	4	-	-	25	35	7	30	9	5	-	-	-	-	0	0	0	0	0	0	0	5.46	92	-	
WEST KIRBY PARK ...	9-9	7	20.2	12.9	16.5	+0.4	27.0	27	9.5	4	-	-	20	30	16	30	6	3	0	0	0	0	0	0	0	0	0	0	0	-	-	-	
GREATER MANCHESTER																																	
BOLTON ...	9-9	107	18.4	11.2	14.8	-	24.6	27	7.2	10	14.3	12.9	40	-	16	30	9	8	0	0	0	0	0	0	0	0	0	0	0	4.75	95	S	
MANCHESTER ...	9-9	107	18.4	11.2	14.8	-	24.6	27	7.2	10	14.3	12.9	40	-	16	30	9	8	0	0	0	0	0	0	0	0	0	0	0	4.75	95	S	
RINGWAY AIRPORT ...	21-9	75	19.4	12.1	15.7	0.0	25.9	27	9.6	1.14	-	-	29	38	12	30	12	7	0	0	0	0	0	0	0	0	0	0	0	4.69	94	-	
WEATHER CENTRE (X) ...	21-9	69	19.7	13.0	16.3	-	26.7	27	9.7	1	-	-	31	-	15	30	10	7	0	0	0	0	0	0	0	0	0	0	0	4.38	-	-	
CHESHIRE																																	
KNUTSFORD ...	9-9	65	20.2	11.1	15.7	-	27.5	16	8.5	14	16.3	15.0	46	59	20	30	13	9	0	0	0	0	0	0	0	0	0	0	0	-	-	-	
NACCLESFIELD ...	9-9	152	19.2	11.3	15.3	-0.1	25.5	27	8.1	14	-	-	44	50	15	30	13	10	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
NESS GARDENS ...	9-9	30	19.8	12.0	15.9	-	26.9	27	9.2	23	17.3	-	21	33	12	30	8	3	0	0	0	0	0	0	0	0	0	0	0	5.01	-	S	
ISLE OF MAN																																	
DOUGLAS ...	9-9	85	16.8	11.2	14.0	-0.3	20.8	12	7.6	10	-	-	36	47	6	20	14	11	0	0	0	0	0	0	2	0	0	0	0	4.51	73	-	
POINT OF AYRE ...	21-9	9	18.7	10.9	14.8	-0.3	23.4	28	6.8	10	-	-	22	37	8	24	13	7	0	0	0	0	0	0	0	0	0	0	0	4.58	75	-	
RONALDSBAY AIRPORT ...	21-9	16	16.6	10.9	13.7	-0.6	20.2	12	6.6	11	-	-	29	50	9	24	15	9	0	0	0	0	0	0	2	0	0	0	0	4.47	74	-	
7B WALES N																																	
GWYNEDD																																	
BALA ...	9-9	163	18.5	9.9	14.2	-	24.9	27	4.5	14	15.5	14.1	32	42	13	31	7	4	0	0	0	0	0	0	0	0	0	0	0	4.56	-	-	
BAROSEY ISLAND ...	21-9	15	15.8	11.7	13.7	-	18.6	27	9.9	1	-	-	12	20	7	30	6	4	0	0	0	0	0	0	4	0	0	0	0	0	-	-	
BETHS-Y-COED ...	9-9	20	(20.8)	(11.0)	(15.9)	-	27.5	27	7.4	15	(16.1)	-	24	-	10	30	8	6	0	0	0	0	0	0	-	-	-	-	0	-	-	-	
BOTHNOD ...	9-9	34	17.3	9.9	13.6	-	21.4	12	5.7	15	16.2	15.3	25	33	12	30	7	5	0	0	0	0	0	0	0	0	0	0	0	5.32	-	-	
CWMYSTROLLYN ...	9-9	204	17.1	11.1	14.1	-	21.0	13.26.27	8.0	1.2	-	-	99	-	45	30	15	11	-	-	-	-	0	0	0	0	0	0	0	4.53	-	-	
LLYN ALW ...	9-9	44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
PEN-Y-FFRIDD ...	9-9	84	18.0	11.7	15.3	-	23.2	17	7.6	1	-	-	23	27	8	30	13	8	0	0	0	0	0	0	0	0	0	0	0	4.62	-	S	
TRANSFYDD ...	9-9	193	17.5	11.0	14.3	-	23.1	27	7.4	1	-	-	51	39	14	30	12	8	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
VALLEY ...	21-9	10	17.7	12.2	14.9	-0.2	22.2	12	8.4	11	-	-	18	29	9	30	9	4	0	0	0	0	0	0	2	0	0	0	0	5.68	94	-	
CLWYD																																	
ALWEN ...	9-9	335	17.3	8.6	12.9	-	24.5	27	4.3	5	-	-	21	25	10	30	10	4	0	0	0	0	0	0	0	0	0	0	1	0	-	-	
BALCHGOWNY ...	9-9	386	17.3	9.8	13.5	-	23.5	27	7.0	23	12.5	-	8	10	5	30	4	2	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
COLWYN BAY ...	9-9	18	18.7	12.4	15.5	-	23.7	17	9.8	1	16.5	-	9	18	5	30	7	2	0	0	0	0	0	0	0	0	0	0	0	5.45	92	-	
CORMEN ...	9-9	144	19.4	9.6	14.5	-	25.4	27	5.4	14.15	-	-	34	48	19	31	11	4	0	0	0	0	0	0	0	0	0	0	0	-	-	-	
HAWARDEN BRIDGE ...	9-9	5	21.1	12.6	16.9	+0.8	27.5	27	8.8	4.5	-	-	12	20	9	30	4	3	0	0	0	0	0	0	0	0	0	0	0	-	-	-	
LOGGERHEADS ...	9-9	210	18.2	10.0	14.1	-	25.1	30	5.6	10	13.9	12.8	18	25	11	30	6	4	0	0	0	0	0	0	0	0	0	0	0	3.62	-	S	
PRESTATYN ...	9-9	4	18.9	13.0	15.9	+0.2	25.4	12	9.5	4	-	-	15	27	11	30	3	2	0	0	0	0	0	0	0	0	0	0	0	4.57	85	-	
RUTHIN ...	9-9	76	19.4	10.7	15.1	-	27.0	27	6.6	14	-	-	12	20	10	30	4	2	0	0	0	0	0	0	0	0	0	0	0	4.44	-	-	
POWYS(NORTH)																																	
FORDEN ...	9-9	91	21.2	10.2	15.7	-	27.9	27	5.1	14	16.9	-	12	-	8	30	6	2	0	0	0	0	0	0	0	0	0	0	0	-	-	-	
LAKE VYNNY ...	9-9	303	17.6	9.7	13.7	-0.3	23.7	27	5.4	1	14.3	-	4	43	17	30.31	9	6	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
LLANFAIR CAEREINION ...	9-9	236	19.7	10.8	15.3	-	26.8	27	6.6	1	15.7	-	13	-	7	30	6	2	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
MOEL CYNNEDD ...	9-9	358	17.3	8.6	12.9	-	23.8	27	3.3	14	13.4	-	53	-	17																		



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DISTRICT REGION/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 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	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
8A WALES CONTINUED																															
NID GLANOROG	9 9	174	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ABERDARE FILTER STATION	21-9	194	(19.5)	-	-	-	26.8	27	-	-	-	-	56	-	20	31	5	4	-	-	-	-	-	-	-	-	-	-	-	-	
CILFYNYDD	9 9	241	-	-	-	-	-	-	-	-	-	-	57	52	18	28	6	6	-	-	-	-	-	-	-	-	-	-	-	-	
LLWYNNON	9 9	6	19.2	13.3	16.3	-	24.0	26	8.4	22	-	-	67	82	27	31	5	5	-	-	-	-	-	-	-	-	-	-	-	-	
PORTRICHL	9 9	241	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SOUTH GLANOROG																															
BRIDGEND	9 9	40	19.9	11.6	15.7	-	26.4	27	2.1	4	17.2	14.7	55	-	27	30	7	5	-	-	-	-	-	-	-	-	-	-	-	-	
CARDIFF (BUTE PARK)	9 9	9	21.1	12.4	16.7	-	27.5	27	6.7	22	18.7	16.0	37	-	16	30	7	5	-	-	-	-	-	-	-	-	-	-	-	-	
RHOSE AIRPORT	21-9	67	20.0	12.0	16.0	-	26.6	27	7.3	22	-	-	37	-	21	30	8	5	-	-	-	-	-	-	-	-	-	-	-	-	
GWENT																															
CRUMBLAND	9 9	245	20.7	11.6	16.1	-	27.5	27	7.4	1	15.6	14.0	29	41	14	28	3	3	-	-	-	-	-	-	-	-	-	-	-	-	
USK	9 9	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
8B ENGLAND SW																															
AVON	9 9	118	-	(12.8)	-	-	(28.6)	27	(8.3)	20	-	-	41	(62)	15	30	7	6	-	-	-	-	-	-	-	-	-	-	-	-	
BATH	21-9	59	21.3	13.0	17.1	+0.6	27.3	27	8.6	10	-	-	22	37	12	28	4	2	-	-	-	-	-	-	-	-	-	-	-	-	
FILTON	9 9	51	20.9	12.4	16.7	+0.4	27.5	27	6.6	22	17.8	-	28	40	12	30	7	4	-	-	-	-	-	-	-	-	-	-	-	-	
LONG ASHTON	9 9	51	20.9	12.4	16.7	+0.4	27.5	27	6.6	22	17.8	-	28	40	12	30	7	4	-	-	-	-	-	-	-	-	-	-	-	-	
SOMERSET																															
BRYMORE	9 9	23	21.0	11.6	16.3	-	28.0	27	8.1	22	17.9	-	26	-	10	28	7	5	-	-	-	-	-	-	-	-	-	-	-	-	
CREWKERNE	9 9	101	21.1	11.9	16.5	-	27.9	27	9.0	2.14	18.6	-	37	-	21	28	4	3	-	-	-	-	-	-	-	-	-	-	-	-	
DOWNSIDE ABBEY	9 9	183	20.1	12.4	16.3	-	27.6	27	8.3	22	-	-	51	63	20	30	8	5	-	-	-	-	-	-	-	-	-	-	-	-	
EXTON	21-9	329	19.1	10.4	14.7	-	26.7	27	6.1	2	-	-	44	-	16	30	11	6	-	-	-	-	-	-	-	-	-	-	-	-	
HAWKRIIDGE	9 9	314	17.7	9.2	13.5	-	24.9	27	5.0	2	-	-	65	62	20	30	13	8	-	-	-	-	-	-	-	-	-	-	-	-	
NETTLECOMBE	9 9	96	20.4	8.5	14.5	-	26.0	27	3.9	2.15.22	17.8	-	21	-	8	30	7	4	-	-	-	-	-	-	-	-	-	-	-	-	
NETTLECOMBE(BIRDS HILL)	9 9	280	18.2	10.3	14.3	-	23.3	27	3.2	17	-	-	13	-	9	28	6	3	-	-	-	-	-	-	-	-	-	-	-	-	
RODNEY STONE	9 9	40	20.4	12.5	16.5	-	28.0	27	7.0	22	17.4	15.6	35	47	13	30	10	6	-	-	-	-	-	-	-	-	-	-	-	-	
WINCANTON	9 9	113	21.2	11.2	16.2	-	28.0	27	6.5	22	-	-	65	102	33	29	6	6	-	-	-	-	-	-	-	-	-	-	-	-	
YEOVILTON	21-9	18	21.5	11.6	16.5	-	28.8	27	6.4	22	-	-	39	68	24	28	5	4	-	-	-	-	-	-	-	-	-	-	-	-	
DORSET																															
BOURNEMOUTH	21-9	10	22.1	11.4	16.7	-	26.4	27	5.6	22	-	-	32	66	21	28	4	3	-	-	-	-	-	-	-	-	-	-	-	-	
MURN AIRPORT	9 9	50	21.8	11.8	16.8	-	25.5	27	8.2	22	16.9	14.7	38	-	24	28	4	3	-	-	-	-	-	-	-	-	-	-	-	-	
DORSET TECH COLLEGE	9 9	4	21.3	12.6	16.9	-	25.0	13	8.5	2.22	-	-	38	79	24	28	4	3	-	-	-	-	-	-	-	-	-	-	-	-	
CHRISTCHURCH	9 9	5	22.2	(11.9)	(17.1)	-	25.9	27	8.1	22	-	-	33	71	24	28	4	3	-	-	-	-	-	-	-	-	-	-	-	-	
POOLE	9 9	5	22.2	(11.9)	(17.1)	-	25.9	27	8.1	22	-	-	33	71	24	28	4	3	-	-	-	-	-	-	-	-	-	-	-	-	
PORTLAND BILL	21-9	53	18.3	13.1	15.7	0.0	23.6	12	10.9	22	-	-	43	-	31	28	5	3	-	-	-	-	-	-	-	-	-	-	-	-	
(COASTGUARD)	9 9	11	20.2	13.0	16.6	+0.3	23.2	13	9.1	22	-	16.6	46	96	31	28	4	3	-	-	-	-	-	-	-	-	-	-	-	-	
SWANAGE	9 9	23	20.5	12.2	16.3	-	25.0	12	8.2	22	-	-	38	-	25	28	4	3	-	-	-	-	-	-	-	-	-	-	-	-	
MEYMOUTH	9 9	26	21.3	11.3	16.3	-	25.5	27	6.5	22	-	-	40	74	25	28	4	3	-	-	-	-	-	-	-	-	-	-	-	-	
WIMBORNE	9 9	26	21.3	11.3	16.3	-	25.5	27	6.5	22	-	-	40	74	25	28	4	3	-	-	-	-	-	-	-	-	-	-	-	-	
DEVON																															
CHARLEIGH	9 9	168	19.9	11.0	15.5	-	27.2	27	6.6	22	16.4	-	52	-	23	28	12	6	-	-	-	-	-	-	-	-	-	-	-	-	
EXETER AIRPORT	21-9	32	21.8	12.1	16.9	+0.6	28.1	27	7.3	22	-	-	32	62	21	28	5	3	-	-	-	-	-	-	-	-	-	-	-	-	
EXMOUTH	9 9	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HARTLAND POINT	21-9	93	17.2	13.6	15.4	+0.1	21.4	26	11.0	1.3	-	-	41	58	17	30	12	7	-	-	-	-	-	-	-	-	-	-	-	-	
KEYNOC	9 9	165	20.5	11.3	15.9	-	28.3	27	6.5	3	-	-	33	-	17	28	8	4	-	-	-	-	-	-	-	-	-	-	-	-	
ILFRACOMBE	9 9	8	18.7	13.8	16.3	-	22.0	26.28	11.5	3.10.14	18.2	16.0	42	54	22	30	11	5	-	-	-	-	-	-	-	-	-	-	-	-	
MELBURY	9 9	143	18.6	11.6	15.1	-	23.5	26.27	7.8	4	-	-	53	-	14	30	14	11	-	-	-	-	-	-	-	-	-	-	-	-	
OKEMARPTON	9 9	172	17.7	11.0	14.3	-	24.6	27	8.0	1	-	-	43	-	18	28	11	8	-	-	-	-	-	-	-	-	-	-	-	-	
PLYMOUTH	21-9	27	19.9	12.7	16.3	+0.4	24.8	26	7.9	22	-	-	46	65	33	28	5	2	-	-	-	-	-	-	-	-	-	-	-	-	
MOUNT BATTEN	9 9	36	20.2	13.0	16.6	+0.4	24.8	26	8.7	22	17.6	16.0	44	63	33	28	4	2	-	-	-	-	-	-	-	-	-	-	-	-	
THE HOE	21-9	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PRAMLE POINT	9 9	414	17.6	10.7	14.1	-	24.0	27	6.5	22	-	-	98	-	42	28	13	9	-	-	-	-	-	-	-	-	-	-	-	-	
PRINCETOWN	9 9	38	21.0	11.5	16.3	-	26.6	27	5.5	22	17.5	14.7	61	-	26	28	9	4	-	-	-	-	-	-	-	-	-	-	-	-	
RAHEIGH	9 9	10	20.6	12.6	16.6	+0.6	23.5	12	8.0	22	-	-	34	64	22	28	5	3	-	-	-	-	-	-	-	-	-	-	-	-	
SIDMOUTH	9 9	32	(20.9)	(12.0)	(16.5)	-	24.5	27	8.0	2	-	-	56	78	41	28	4	3	-	-	-	-	-	-	-	-	-	-	-	-	
SLAPTON	9 9	9	21.0	11.6	16.3	+0.4	24.6	30	8.3	14	17.9	-	32	60	25	28	4	3	-	-	-	-	-	-	-	-	-	-	-	-	
STARCROSS	9 9	3	20.8	12.7	16.7	0.0	23.5	25.27	8.7	22	-	-	26	49	19	28	6	2	-	-	-	-	-	-	-	-	-	-	-	-	
TEIGNMOUTH	9 9	8	21.3	12.9	17.1	+0.6	25.1	27	9.8	2	-	17.1	37	64	28	28	6	4	-	-	-	-	-	-	-	-	-	-	-	-	
TORBAY(TORQUAY)	9 9	186	20.9	11.4	16.1	-	27.5	27	8.5	22																					



DISTRICT REGION/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 MIN. BELOW 0 DEG C	ORLE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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AHANAGLOO ... ..	9 9	18	18.0	10.5	14.3	-	22.0	13.14	4.5	1	-	-	42	7	24	18	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

JULY 1979

DISTRICT, REGION/COUNTY AND PLACE	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 C)	VAPOUR PRESSURE (Hb)	RELATIVE HUMIDITY (%)	OKTAS						VISIBILITY						BEAUFORT FORCE																
										0	1-2	3-5	6-7	8	SKY OBSERVED	0-39 M	40-190 M	200-390 M	400-990 M	1000-1900 M	2000-3900 M	4-9 KM	10-19 KM	20-39 KM	40 KM AND OVER	SPEED (KT)				0	N	NE	E	SE	S	SW	W	NW
																										BEAUFORT FORCE												
																										18 OR MORE	6-7	4-5	1-3									
NUMBER OF OBSERVATIONS																																						



TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

JULY 1979

DISTRICT, REGION/COUNTY AND PLACE	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 - 39 M	40 - 190 M	200 - 390 M	400 - 990 M	1000 - 1900 M	2000 - 3900 M	4 - 9 KM	10 - 19 KM	20 - 39 KM	40 KM AND OVER	BEAUFORT FORCE										N	NE	E	SE	S	SW	W	NW													
									0	1 - 2	3 - 5	6 - 7	8	SKY OBSERVED											SPEED (KT)																														
																									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. DUMFRIES & GALLOWAY																																																							
ESKDALEHUIR	257	3	1018.1	-	9.6	0.7	11.0	91	6.4	1	2	3	13	7	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0											
		9	1017.9	+4.1	12.6	1.6	12.3	83	6.6	0	1	7	10	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
		15	1017.1	-	15.2	2.5	13.1	76	6.5	0	3	2	16	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0											
		21	1017.3	-	11.9	1.2	12.2	87	5.8	0	4	5	15	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0											
MULL OF GALLOWAY	80	3	1018.7	-	11.5	0.3	13.1	96	6.7	0	2	4	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										
		9	1018.8	-	12.9	0.7	13.8	92	6.8	0	1	6	9	13	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0											
		15	1018.2	-	14.3	1.2	14.1	87	6.4	1	2	4	11	12	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0											
		21	1017.9	-	12.3	0.7	13.2	92	6.5	0	2	5	10	13	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0											
2 ENGLAND E & NE NORTHUMBRIA																																																							
BOULNER	27	3	1016.9	-	11.8	0.8	12.6	90	5.4	2	3	6	14	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
		9	1017.1	-	15.4	2.0	13.8	78	5.9	1	2	6	18	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0											
		15	1016.5	-	16.4	2.1	14.7	79	5.7	2	1	5	19	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0											
		21	1016.3	-	14.0	1.2	13.8	86	5.1	0	5	9	13	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
SEAHOUSES	12	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-												
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-													
		21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-													
			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-													
TYNE & WEAR																																																							
NE' CASTLE WEATHER CENTRE (X)	72	3	1017.7	-	12.8	1.3	12.5	84	4.9	1	6	7	14	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0											
		9	1017.7	-	15.7	2.9	12.5	69	5.7	1	3	8	14	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
		15	1017.1	-	18.0	4.0	13.0	63	6.4	0	1	5	17	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
		21	1017.0	-	15.5	2.5	13.1	73	4.9	0	8	8	8	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
TYNEMOUTH	40	3	1017.2	-	12.8	1.2	12.8	86	4.8	1	6	13	7	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0											
		9	1017.4	+3.1	15.3	2.4	13.1	74	5.5	1	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	0	0	0	0	0	0	0	0												
		15	1016.8	-	16.4	2.7	13.6	73	6.2	1	0	5	20	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0											
		21	1016.5	-	15.2	2.1	13.4	77	5.1	0	6	10	11	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0											
NORTH YORKSHIRE																																																							
LEEMING	33	3	1018.1	-	12.5	1.5	12.2	82	4.9	2	7	5	14	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0											
		9	1018.1	+3.5	16.4	3.1	12.8	68	6.0	1	0	8	19	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
		15	1017.5	-	19.2	4.8	12.6	56	6.4	0	1	4	22	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
		21	1017.5	-	15.4	2.4	13.3	75	5.4	1	4	9	11	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
WHITBY C.O.	66	3	1017.7	-	12.9	1.4	12.6	84	5.0	0	5	10	12	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0											
		9	1017.9	-	15.3	2.2	13.4	76	5.6	1	1	11	9	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
		15	1017.4	-	16.9	2.8	14.1	72	6.5	0	0	7	13	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
		21	1017.2	-	15.1	2.0	13.6	79	5.8	0	1	11	12	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
HUMBERSIDE	20	3	1018.3	-	13.6	1.2	13.5	86	5.2	1	5	8	12	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0											
		9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-														
		15	1018.0	-	17.8	3.2	14.2	69	5.5	1	3	10	12	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
		21	1018.0	-	15.0	1.6	14.2	83	5.7	0	1	12	13	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
LINCOLNSHIRE																																																							
BINBROOK	112	3	1018.8	-	11.7	0.9	12.4	89	5.4	0	6	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	0	0	0	0	0	0	0												
		9	1018.9	-	15.9	2.5	13.5	74	6.0	0	1	7	20	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0													
		15	1018.2	-	19.0	4.1	13.8</																																																



TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

JULY 1979

DISTRICT, REGION/COUNTY AND PLACE	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 NET BULB (DEGREES C)	VAPOUR PRESSURE (Hb)	RELATIVE HUMIDITY (%)	OKTAS					0 - 39 M	40 - 190 M	200 - 390 M	400 - 990 M	1000 - 1900 M	2000 - 3900 M	4 - 9 KM	10 - 19 KM	20 - 39 KM	40 KM AND OVER	BEAUFORT FORCE					SPEED (KT)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
									MEAN	0	1 - 2	3 - 5	6 - 7											8	SKY OBSCURED	34 OR MORE	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
NUMBER OF OBSERVATIONS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
3 EAST ANGLIA -CONTO. BEDFORDSHIRE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
CARDINGTON	30	3	1020.0	-	11.9	0.6	13.0	93	5.8	0	5	4	14	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

JULY 1979

DISTRICT, REGION/COUNTY AND PLACE	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 C)	VAPOUR PRESSURE (Hb)	RELATIVE HUMIDITY (%)	OKTAS						0 - 39 M	40 - 190 M	200 - 390 M	400 - 990 M	1000 - 1900 M	2000 - 3900 M	4 - 9 KM	10 - 19 KM	20 - 39 KM	40 KM AND OVER	BEAUFORT FORCE						N	NE	E	SE	S	SW	W	NW							
										0	1 - 2	3 - 5	6 - 7	8	SKY OBSERVED											SPEED (KT)																				
																										18 OR MORE	22-35	11-21	1-10	0	N									NE	E	SE	S	SW	W	NW
NUMBER OF OBSERVATIONS																																														
5 ENGLAND SE & CENT. S. KENT			-CONTD.																																											
DUNGENESS	7	3	1019.9	-	-	-	-	-	4.9	4	5	5	8	8	1	0	1	0	0	0	0	0	9	6	15	0	0	0	0	7	18	6	2	0	2	0	1	2	14	4						
		9	1020.4	-	16.7	1.9	15.3	-	5.9	1	3	5	13	7	2	0	0	0	0	0	0	11	11	7	0	0	0	0	0	10	20	0	2	2	3	10	6	2								
		15	1020.0	-	-	-	-	-	6.2	1	2	4	15	9	0	0	0	0	0	0	0	8	12	11	0	0	0	0	0	21	10	0	0	0	1	10	10	0								
		21	1019.8	-	-	-	-	-	5.5	0	3	12	9	7	0	0	0	0	0	0	0	0	8	12	11	0	0	0	0	0	14	12	5	1	3	0	1	10	10							
HANSTON	45	3	1019.8	-	13.9	1.1	14.0	87	5.5	1	5	6	12	7	0	0	0	0	0	0	2	9	12	8	0	0	0	0	0	0	22	1	0	3	8	7	6	7								
		9	1020.2	-	17.2	2.6	14.8	75	5.5	1	3	9	12	6	0	0	0	0	0	0	1	9	9	12	0	0	0	0	10	21	0	3	5	0	2	3	7	11								
		15	1019.6	-	20.2	4.5	14.3	60	6.1	0	2	5	22	2	0	0	0	0	0	0	0	7	8	15	1	0	0	0	10	21	0	3	5	0	5	1	5	7								
		21	1019.6	-	15.8	1.7	14.8	82	5.9	0	2	8	18	3	0	0	0	0	0	0	10	9	11	1	0	0	0	10	21	0	1	3	3	1	6	10	2									
HAMPSHIRE																																														
SOUTHAMPTON WEATHER CENTRE (X)	9	3	1020.8	-	14.3	1.4	13.8	85	5.0	1	7	6	10	7	0	0	0	0	0	0	1	0	0	6	14	10	0	0	0	1	29	1	2	3	1	0	0	3	10	11						
		9	1021.1	-	18.1	3.4	14.0	67	5.3	1	6	5	15	4	0	0	0	0	0	0	0	1	4	6	15	5	0	0	2	29	0	3	2	2	0	2	2	14	6							
		15	1020.4	-	21.3	5.3	14.1	56	6.0	0	4	3	20	4	0	0	0	0	0	0	0	0	4	6	17	8	0	0	5	26	0	3	0	1	0	3	4	5								
		21	1020.6	-	17.6	2.8	14.6	72	5.1	0	4	13	12	2	0	0	0	0	0	0	0	2	11	17	1	0	0	0	0	30	1	0	2	0	0	1	5	19								
WEST SUSSEX																																														
GATWICK	60	3	1020.7	-	12.6	0.9	13.2	90	5.0	2	6	7	8	8	0	0	0	0	0	0	1	1	1	4	7	11	6	0	0	0	3	24	4	1	1	1	0	3	11	6						
		9	1020.9	+4.3	17.7	3.0	14.5	71	5.7	1	3	6	17	4	0	0	0	0	0	0	0	0	8	9	11	3	0	0	0	9	22	0	3	3	0	1	2	4	12							
		15	1020.0	-	20.9	5.0	14.2	57	5.9	0	2	9	16	4	0	0	0	0	0	0	0	0	4	11	8	8	0	0	0	11	19	1	1	1	2	0	1	10	8							
		21	1020.3	-	15.8	2.1	14.1	78	5.0	0	5	11	14	1	0	0	0	0	0	0	0	0	8	12	9	2	0	0	0	4	26	1	1	1	1	1	4	9	11							
EAST SUSSEX																																														
HERSTHONCEUX	28	3	1020.5	-	12.3	0.4	13.7	95	4.5	1	9	7	8	6	0	0	0	0	0	0	2	2	3	10	4	9	0	0	0	0	30	1	5	1	1	0	2	2	14	5						
		9	1020.8	-	17.5	2.3	15.5	77	5.6	0	4	8	15	4	0	0	0	0	0	0	0	0	5	15	7	4	0	0	0	5	26	0	4	1	0	2	2	5	13							
		15	1020.3	-	19.2	3.4	15.3	69	5.6	0	4	7	16	4	0	0	0	0	0	0	0	0	2	12	10	7	0	0	0	11	20	0	2	1	0	5	2	10	11							
		21	1020.3	-	14.6	1.1	14.7	87	5.3	0	3	11	17	0	0	0	0	0	0	0	0	1	5	14	10	1	0	0	0	26	5	3	2	0	0	1	2	14	4							
7A ENGLAND NW & I.O.M. CUMBRIA																																														
CARLISLE	28	3	1018.1	-	11.8	0.7	12.8	92	6.6	0	1	5	17	8	0	0	0	0	0	0	0	2	6	9	12	2	0	0	0	1	28	2	0	1	2	4	0	4	18	0						
		9	1018.3	+3.9	14.6	1.7	13.7	81	6.7	1	1	1	19	9	0	0	0	0	0	0	0	0	1	4	8	11	7	0	0	0	5	26	0	1	0	1	0	0	3	21	5					
		15	1017.6	-	16.9	2.8	14.0	73	6.7	0	2	2	18	9	0	0	0	0	0	0	0	0	1	1	5	12	12	0	0	16	15	0	1	0	0	0	6	22	2							
		21	1017.5	-	14.2	1.4	13.7	84	6.2	0	4	2	20	5	0	0	0	0	0	0	0	0	0	7	9	10	5	0	0	0	31	0	1	0	0	0	1	6	18							
LANCASHIRE																																														
AUGHTON	56	3	1019.4	-	12.9	0.9	13.3	89	6.5	0	1	6	17	7	0	0	0	0	0	0	0	1	2	7	19	2	0	0	0	5	19	7	0	0	0	2	2	1	11	8						
		9	1019.6	-	15.3	2.1	13.6	78	6.4	1	1	5	14	10	0	0	0	0	0	0	0	0	0	4	7	19	2	0	0	9	22	0	0	0	1	3	1	2	17							
		15	1019.3	-	17.4	3.5	13.2	66	6.2	0	1	7	16	7	0	0	0	0	0	0	0	0	0	0	5	17	9	0	0	16	13	2	0	0	0	0	0	4	14							
		21	1019.0	-	14.3	1.5	13.7	84	6.2	0	2	7	13	9	0	0	0	0	0	0	0	0	1	4	7	14	5	0	0	6	22	3	2	2	0	1	1	4	9							
SQUIRES GATE	11	3	1019.1	-	13.0	1.0	13.3	89	6.2	1	1	5	19	5	0	0	0	0	0	0	2	3	3	2	15	6	0	0	0	14	17	0	0	1	4	1	0	4	11							
		9	1019.4	+4.3	15.6	1.9	14.3	80	6.5	1	1	2	19	8	0	0	0	0	0	0	0	1	4	5	16	5	0	0	15	16	0	0	0	1	2	2	5	14								
		15	1019.2	-	17.0	2.7	14.3	73	6.1	0	4	4	18	5	0	0	0	0	0	0	0	0	2	0	13	16	0	0	17	14	0	1	0	0	0	6	17									
		21	1018.7	-	14.7	1.5	14.1	84	6.5	1	0	5	17	8	0	0	0	0	0	0	0	0	4	8	15	4	0	0	0	17	14	0	1	2	0	0	1	6								
GREATER MANCHESTER																																														
MANCHESTER WEATHER CENTRE (X)	42	3	1019.4	-	13.9	1.8	12.7	80	5.9	1	2	5	17	6	0	0	0	0	0	0	0	1	6	17	5	0	0	0	0	1	29	1	3	0	2	0	4	5	6							
		9	1019.6	-	15.7	2.8	12.8	71	6.6	1	1	2	18	9	0	0	0	0	0	0	2	2	8	10	8	3	0	0	0	4	27	0	1	0	0	0	3	8								
		15	1019.0	-	18.7	4.9	12.0	55	6.5	0	1	2	25	3	0	0	0	0	0	0	0	0	0	0	8	11	11	0	0	11	20	0	2	0	2	0	0	6								
		21	1018.9	-	16.1	2.8	13.2	72	6.3	0	2	6	15	8	0	0	0	0	0	0	0	0	0	7	13	8	3	0	0	2	28	1	2	1	0	0	2	7								
RINGWAY	84	3	1019.5	-	12.9	1.0	13.2	88	5.9	2	3	4	14	8	0	0	0	0	0	0	0	3	8	11	9	0	0	0	0	3	27	1	0	1	1	1	12	7								
		9	1019.7	+4.5	15.5	2.3	13.5	76	6.5	1	2	1	18	9	0	0	0	0	0	0	0	2	5	19	5	0	0	0	8	23	0	1	0	0	0	1	4									
		15	1019.1	-	18.6	4.3	13.1	61	6.5	0	1	3	23	4	0	0	0	0	0	0	0	0	1	8	17	5	0	0	19	12	0	0	0	1	1	1	3									
		21	1019.0	-	15.8	2.4	13.6	75	5.8	0	6	2	18	5	0	0	0	0	0	0	0	0	5	13	12	1	0	0	0	5	26	0	2	0	1	1	2	5								
ISLE OF MAN																																														
POINT OF AYRE	9	3	1019.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
		9	1019.3	+4.8	14.9	1.9	13.6	80	6.9	0	1	4	11	15	0	0	0	0	0	0	0	0	3	4	16	8	0	0	13	17	1	0	0	2	2	1	7									
		15	1018.8	-	17.4	3.4	13.4	67	6.8	0	1	5	10	15	0	0	0	0	0	0	0	0	2	2	17	10	0	0	16	15	0	1	0	2	2	6	14									
		21	1018.5	-	13.9	1.5	13.3	83	7.3	0	0	2	10	19	0	0	0	0	0	0	0	0	0	1	6	16	7	0	0	1	9	19	2	0	0	1	4	9								
RONALDSMAY	21	3	1019.3	-	11.8	0.9	12.5	89	6.3	0	1	6	18	5	1	0	0	0	0	0	1	0	0	5	6	7	12	0	0	9	22	0	4	2	2	0	5	1								



TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

JULY 1979

DISTRICT, REGION/COUNTY AND PLACE	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 - 39 M	40 - 190 M	200 - 390 M	400 - 990 M	1000 - 1900 M	2000 - 3900 M	4 - 9 KM	10 - 19 KM	20 - 39 KM	40 KM AND OVER	BEAUFORT FORCE						N	NE	E	SE	S	SW	W	NW																																																																																																			
										NUMBER OF OBSERVATIONS																18 OR MORE														22-33						11-21						1-10																																																																																						
										0	1-2	3-5	6-7	8	SKY OBSERVED											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
										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										

| 8A WALES S -CONTO. SOUTH GLAMORGAN | | | 69 | 3 | 1020.8 | - | 12.9 | 0.7 | 13.9 | 92 | 6.1 | 2 | 2 | 4 | 12 | 11 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 4 | 4 | 10 | 9 | 2 | 0 | 0 | 5 | 24 | 2 | 3 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



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

JULY 1979

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TABLE 6. SUMMARY OF AUTOGRAPHIC RECORDS OF WIND

JULY 1979

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	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				
				DATES OF OCCURRENCE	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	YEAR FROM N	SPEED-KT	DAY			HOURS BLUETING	YEAR FROM N	SPEED-KT	DAY	TIME			
0	SCOTLAND N																			
	SHETLAND	93	10 10		0	5	15	405	280	44	0	11.5	220	31	18	03	220	42	18	0312
	ORKNEY	41	15 10		0	7	35	376	278	55	0	11.4	240	27	17	19	240	42	17	1900
	WESTERN ISLES	16	10 10		0	8	57	439	220	28	0	13.1	200	28	12	12	200	41	8	0812
		12	10 10		0	3	4	339	335	65	1	10.0	210	26	12	14	210	40	12	1354
	HIGHLAND	19	10 10		0	2	2	293	366	83	0	9.4	220	23	6	13	220	39	17	1512
		34	12 9		0	2	9	257	288	171	19	8.6	290	24	18	09	280	37	18	0606
		38	20 17		0	4	15	322	311	96	0	9.8	210	25	8	15	190	40	8	1336
		58	16 16		0	0	0	224	368	152	0	7.5	240	18	17	15	240	32	17	1542
		45	10 10		0	3	13	273	364	94	0	9.4	270	24	18	10	280	35	18	1706
1	SCOTLAND E																			
	GRANPIAN	68	10 10		0	0	0	109	358	277	0	5.9	290	19	18	15	290	33	18	1312
		29	13 11																	
		18	13 13		0	4	6	237	328	173	0	8.3	230	26	17	15	230	38	17	1600
		17	10 10		0	3	11	268	315	142	8	8.8	240	25	17	15	240	39	17	1512
	TAYSIDE	39	40 38		0	9	26	420	196	102	0	11.5	220	27	17	17	220	37	17	1754
		40	10 10		0	0	0	55	428	261	0	5.6	230	16	17	17	250	29	18	1054
		161	16 16		0	0	0	175	402	155	12	7.4	300	20	18	10	300	36	18	1012
	FIFE	25	13 13		0	2	4	289	379	72	0	9.3	260	25	18	10	250	46	17	2018
	LOTHIAN																			
		43	13 10		0	0	0	340	360	44	0	10.0	260	20	18	12	260	35	18	1242
		159	10 10		0	2	11	463	240	30	0	11.8	220	26	8	15	230	41	8	1648
		72	72		0	15	99	408	166	51	20	14.2	280	32	18	15	270	42	8	1948
6	SCOTLAND W																			
	STRATHCLYDE	16	10 10		0	2	7	206	421	110	0	8.2	280	26	17	15	270	40	17	1806
		24	20		0	6	36	349	270	86	3	11.2	310	32	18	16	310	44	18	1642
		13	10 10		0	0	0	163	449	132	0	7.6	230	21	19	15	230	31	19	2012
		51	49		0	0	0	263	388	93	0	9.0	250	20	17	22	260	31	8	1824
		55	15 12																	
		754	27																	
		22	12 12		0	2	4	336	327	77	0	10.1	160	24	30	18	280	35	19	1242
		57	25 9		0	0	0	53	519	150	22	6.1	300	20	17	17	300	40	17	1754
		25	12 9		0	1	1	251	385	107	0	8.6	310	26	18	18	320	37	18	1818
		21	10 10		0	2	4	363	358	19	0	10.6	210	22	8	11	210	33	8	1148
		24	16 12		0	0	0	120	470	154	0	6.7	200	17	8	16	200	30	8	1830
	DUMFRIES AND	64	15 15		0	1	1	196	415	132	0	7.8	250	23	17	20	250	38	17	1948
	GALLOWAY	259	10 10		0	0	0	134	460	150	0	7.2	320	20	21	16	320	33	21	1612
		25	10 10																	
2	ENGLAND E & W																			
	NORTHUMBERLAND	19	10 10		0	3	8	306	392	38	0	10.1	270	24	7	04	270	40	7	0424
		33	10 10		0	0	0	156	446	142	0	7.2	250	18	18	09	250	35	18	1112
		22	17 13		0	1	1	268	365	102	8	8.9	290	22	18	16	280	34	18	1300
	TYNE AND WEAR	28	20 20		0	12	61	407	223	53	0	12.6	280	31	18	08	280	39	18	1118
	CLEVELAND	119	16 10		0	2	3	186	342	142	71	7.7	290	26	18	16	290	42	18	1612
	DURHAM	42	10 10		0	0	0	221	390	133	0	8.1	260	20	18	15	260	35	7	0354
	NORTH YORKSHIRE	23	9 10		0	0	0	221	397	126	0	8.1	20	7	15	270	32	18	1306	
		207	15 9		0	0	0	10	432	299	3	4.5	240	12	17	15	250	37	17	1542
					0	0	0	327	371	46	0	10.1	290	21	19	15	330	37	21	1700
	HUMBERSIDE				0	0	0	234	454	56	0	8.9	270	19	21	15	230	35	31	1824
	LINCOLNSHIRE	118	10 10		0	0	0	173	439	132	0	7.5	270	18	21	10	260	31	21	1012
		16	10 10		0	0	0	324	353	67	0	9.5	270	21	21	10	290	32	21	1430
		68	13 13		0	0	0	186	456	99	3	7.8	280	18	21	14	280	30	21	1318
		68	10 10		0	0	0	151	492	101	0	7.3	270	16	21	16	260	34	31	1812
		80	10 10																	
3	EAST ANGLIA																			
	NORFOLK	27	10 10		0	0	0	181	421	142	0	7.5	280	17	21	12	340	31	21	1918
		16	13 13		0	0	0	153	505	62	24	7.9	190	19	31	07	300	30	21	1124
		26	13 13		0	0	0	61	500	180	3	6.3	290	16	21	13	170	32	31	0630
		29	10 10		0	0	0	214	402	128	0	8.1	280	20	21	12	280	31	21	1224
		87	10 10		0	0	0	275	403	66	0	8.9	280	20	21	13	250	40	29	1430
	CAMBRIDGESHIRE	45	10 10		0	0	0	170	487	87	0	7.9	280	18	21	15	260	28	21	1130
		60	13 13		0	0	0	224	444	76	0	8.4	280	21	21	13	280	33	29	1848
	SUFFOLK																			
								</												



TABLE 6 SUMMARY OF AUTOGRAPHIC RECORDS OF WIND

DISTRICT REGION/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 4 KT					HIGHEST VALUES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
			HOURS OF OCCURRENCE					NUMBER OF HOURS					NUMBER OF DAYS					NUMBER OF HOURS					NUMBER OF DAYS					HOURS OF RECORD					MEAN HOURLY WIND SPEED (KT)					HOURLY WIND					GUST																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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TABLE 3 ADDITIONS AND CORRECTIONS

YEAR MONTH STATION			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		SHOW OR SLEET	SHOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	WIND B'fwd C	WIND B'fwd mph	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													
1978	DEC	HAWKRIIDGE										23	121			25	22														
		EXMOUTH										159	194																		
		ILFRACOMBE										171	146			24	22														
		HARTLAND POINT										5	102			21	19														
		BUDE										10	154			24	21														
		HAMPTON										(19)	(184)																		
		PORTON										(12)	(143)			(21)	(18)														
		ELMSTONE										(19)	(143)																		
		GILLINGHAM										(18)		(9)		(20)	(17)														
		ROGATE										(19)				(19)	(17)														
		HERSTMONCEUX										(19)				(18)	(14)														
1979	JAN	DOVER RMS														(18)	(14)														
		EDENBRIDGE													(10)		(14)														
		FAVERSHAM														(21)	(15)														
		GILLINGHAM										(66)	(125)			(21)	(17)														
		HADLOW COLLEGE										(73)				(22)	(14)														
		VENTOR													(12)		(15)														
	FEB	WHITEHILLOCKS										(25)	(129)	(8)	17																
		EDINBURGH										(10)	(25)			9	4														
		BLACKFORD HILL																													
		COCKLE PARK										3	56	10	14	10	7														
		HAYDON BRIDGE																													
		SEAHOUSES																													
		STONEHAUGH																													
		WASHINGTON	3.5		1.3						1.5					9	7														
		LOW ETHERLEY																													
		WIDDYBANK FELL										143				15															
		HARTBURN GRANGE																													
		YORK (HESLINGTON)																													
		CLEETHORPES																													
		SUTTON BRIDGE																													
		GORLESTON	3.3		1.5	-2.4	6.7	26																							
		MARHAM																													
		BOXWORTH																													
		CAMBRIDGE BG																													
		CAMBRIDGE NIAB	3.5	-1.0	1.3	-2.4	8.4	27					46	136	13	1	12	7													
		NEPAL		-1.3	1.1																										
		HAUGHLEY																													
		CARDINGTON																													
		ALDENHAM SCHOOL																													
		STANSTED ABBOTTS																													
		ILKLEY																													
		CALDECOTT																													
		PRESTON MONTFORD																													
		COVENTRY AIRPORT	3.2		0.7																										
		CHELTENHAM											48	116	11	27	10	9													
		MARGATE											50	118																	
		ULCOMBE	4.5	-1.2	1.7		9.1	7	-5.0	8		(62)																			
		ROGATE																													
		PLUMPTON																													
		GRIZEDALE																													
		NEWTON RIGG		-2.1	0.6	-1.9																									
		BETWS-Y-COED																													
		CORNWEN	3.2	-2.6																											
		ORIELTON		-0.2	2.3																										
		LLANGENNY																													
		ABERDARE FILTER STN	3.6		1.1																										
		LADOCK																													
		LIZARD											14	200		9															
		ST MARGAN																													
		COOLKEERAGH	5.9		3.1																										
		LOUGH NAVAR FOREST																													

(X) URBAN ROOFTOP SITE



# MONTHLY WEATHER REPORT

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

## Mostly unsettled and cool; gales around mid-month.

Between the 1st and 3rd a complex low-pressure system moved north-eastwards from Scotland to Scandinavia and was followed by a ridge of high pressure which crossed the British Isles during the 4th and 5th. This pattern of events was repeated until the 25th as a succession of depressions moved north-eastwards across or near to the British Isles, with intervening ridges of high pressure. One depression during this period deepened rapidly as it approached south-west Ireland on the 13th and then moved quickly north-eastwards across Ireland and Scotland on the 14th.

A break in the cyclonic activity began on the 26th as a ridge to the west of the British Isles moved eastwards, with an anticyclone developing off southern Ireland. During the next few days most parts of the United Kingdom remained under the influence of this anticyclone as the centre of high pressure moved slowly eastwards into Europe, but by the end of the month fronts from the Atlantic were once again moving into western districts.

### Weather

Until the last week of the month the weather in all areas was very changeable, and generally rather cool. Periods of rain or showers occurred frequently and there were thunderstorms in places. Around mid-month gales occurred over much of England and Wales, being particularly severe in south-western districts on the 14th.

During the last week there was a spell of more settled weather in many areas. Most districts became drier, and warmer by day, but on the 31st unsettled conditions returned to western parts of the United Kingdom.

### Wind

Winds were fresh or strong in exposed coastal areas at times throughout the month. Western and northern districts were the most affected, but on the 9th gales occurred around the coasts of southern England. After a brief spell of lighter winds, speeds increased in south-western areas during the evening of the 13th and on the following day there were gales over much of England and Wales. In south-western districts the gales were severe and in the area between Land's End and south-west Ireland 23 yachts taking part in the Fastnet Race were abandoned or sunk with the loss of 15 lives; 4 other yachtsmen lost their lives in the same area and the gales also led to several fatalities on land. At Milford Haven (Dyfed) a gust of 65 kt was recorded. A number of places, mostly well inland, measured their highest gust speeds for any August; these included Elmdon Airport (Birmingham) and Watnall (Nottinghamshire) with gusts of 51 kt and 49 kt respectively. Gales again occurred in south-western areas on the 16th but, except in some coastal districts, winds were then generally lighter up to the end of the month. Wind directions throughout the month were mostly between south-west and north-west but became variable over much of England and Wales for a few days during the last week.

### Temperature

Monthly mean temperatures were below average in all areas. Values in most places were not more than

1 °C below the normal, but in a few scattered districts throughout England, Wales and Scotland values about 1.5 °C below normal were recorded.

Although there were no prolonged warm spells during the month, many areas away from south-west and west-facing coasts had a warm day on the 12th, when several places in the lee of high ground recorded maxima of at least 26 °C. Daytime temperatures rose again during the last three days of the month in many areas, the maximum reaching 27.0 °C on the 30th at Aldenham School (Hertfordshire). However, the nights were cold during this period with frost in some areas, minima of -0.5 °C and -0.7 °C being recorded at Carnwath (Strathclyde) and Eskdalemuir (Dumfries and Galloway) respectively on the night of 29th/30th.

### Rainfall

Rainfall amounts were very variable over the United Kingdom. Totals were above average in Northern Ireland, south-western and eastern parts of Scotland, the Western Isles, Orkney and Shetland. Values exceeded 160 per cent of normal in a few places and Prestwick (Strathclyde) had its wettest August since records began there in 1942. Above-average rainfall was also recorded over a large part of northern England (excluding the north-east), the north and west Midlands, parts of East Anglia, central and South Wales, much of south-west England and southern coastal areas from the Isle of Wight to Kent. Almost twice the normal for the month was recorded in part of Bedfordshire. Most remaining areas in the United Kingdom had less than average rainfall, with only about half the normal falling in some parts of the Greater London area and around Inverness in the Highland Region of Scotland.

Until the last week of the month there were frequent periods of rain or showers in most areas. Thunderstorms, sometimes accompanied by hail, occurred in places; on the 3rd there was flooding in parts of southern England and East Anglia following heavy thunderstorms, and on the 9th hailstones up to 25 mm in diameter were reported in south-west

London. On the 7th 56.9 mm of rain fell in 1 hour 45 minutes from 1615 GMT at Silsoe (Bedfordshire). Except in northernmost parts of Scotland, the weather became much drier during the last week of the month.

### Sunshine

Over most of England and Wales sunshine totals were within 10 per cent of normal, with values above the average over much of northern England and North Wales, the north Midlands and some southern counties extending from East Sussex to southern parts of Devon and Cornwall. In most remaining areas of England and Wales less than average sunshine was recorded. Eastern counties of Northern Ireland were sunny with 125 per cent of normal being recorded at Hillsborough (Co Down), but western areas were dull with only 75 per cent of normal at Castle Archdale Forest in Co Fermanagh. South-western parts of Scotland had above-average sunshine, but in all other areas there was less than average with about 75 per cent of the normal sunshine for the month being recorded in the Aberdeen area and in parts of the Western Isles, and only around 65 per cent of normal in Orkney.

Because of the generally changeable nature of the weather for much of the month, there were no prolonged sunny spells until the last week, when many areas, except northernmost parts of Scotland, enjoyed a few sunny days. The 28th to 30th were particularly sunny over England and Wales.

### Fog

Fog patches in inland areas were reported on a few occasions, mostly during the second half of the month, clearing quickly after sunrise.

Hill and coastal fog occurred from time to time, being particularly widespread and persistent in south-western districts and the Channel Islands during the second week, and around north-eastern coasts of England and Scotland between the 17th and 19th and again on the 31st.

### Miscellaneous Phenomena

A funnel cloud was observed from Fairlight (East Sussex) on the 17th.

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				
0 Scotland N	21.5	3.9	-1.0	-0.9	-1.0	-0.5	+2	98	79
1 Scotland E	23.9	-0.7	-0.9	-0.5	-0.7	+0.1	+3	105	91
2 England E & NE	25.9	3.8	-0.6	-0.7	-0.6	+0.1	0	110	102
3 East Anglia	25.9	3.1	-0.5	-0.6	-0.5	-0.4	-1	97	96
4 Midland Counties	25.8	3.5	-0.7	-0.5	-0.6	-0.3	0	105	101
5 England SE & Central S	25.1	2.0	-1.1	-0.8	-1.0	-0.7	+1	103	97
6 Scotland W	22.1	-0.7	-0.9	-0.8	-0.8	-0.1	+2	122	101
7 England NW & Wales N	26.2	3.9	-1.0	-0.5	-0.8	-0.9	+3	103	100
8 England SW & Wales S	24.5	4.0	-1.1	-0.9	-1.0	-0.4	+1	116	96
N Ireland	22.2	3.0	-0.8	-0.8	-0.8	0.0	+1	125	97
Scotland	23.9	-0.7	-0.9	-0.7	-0.8	-0.2	+2	108	90
England & Wales	26.2	2.0	-0.8	-0.7	-0.7	-0.4	+1	106	99

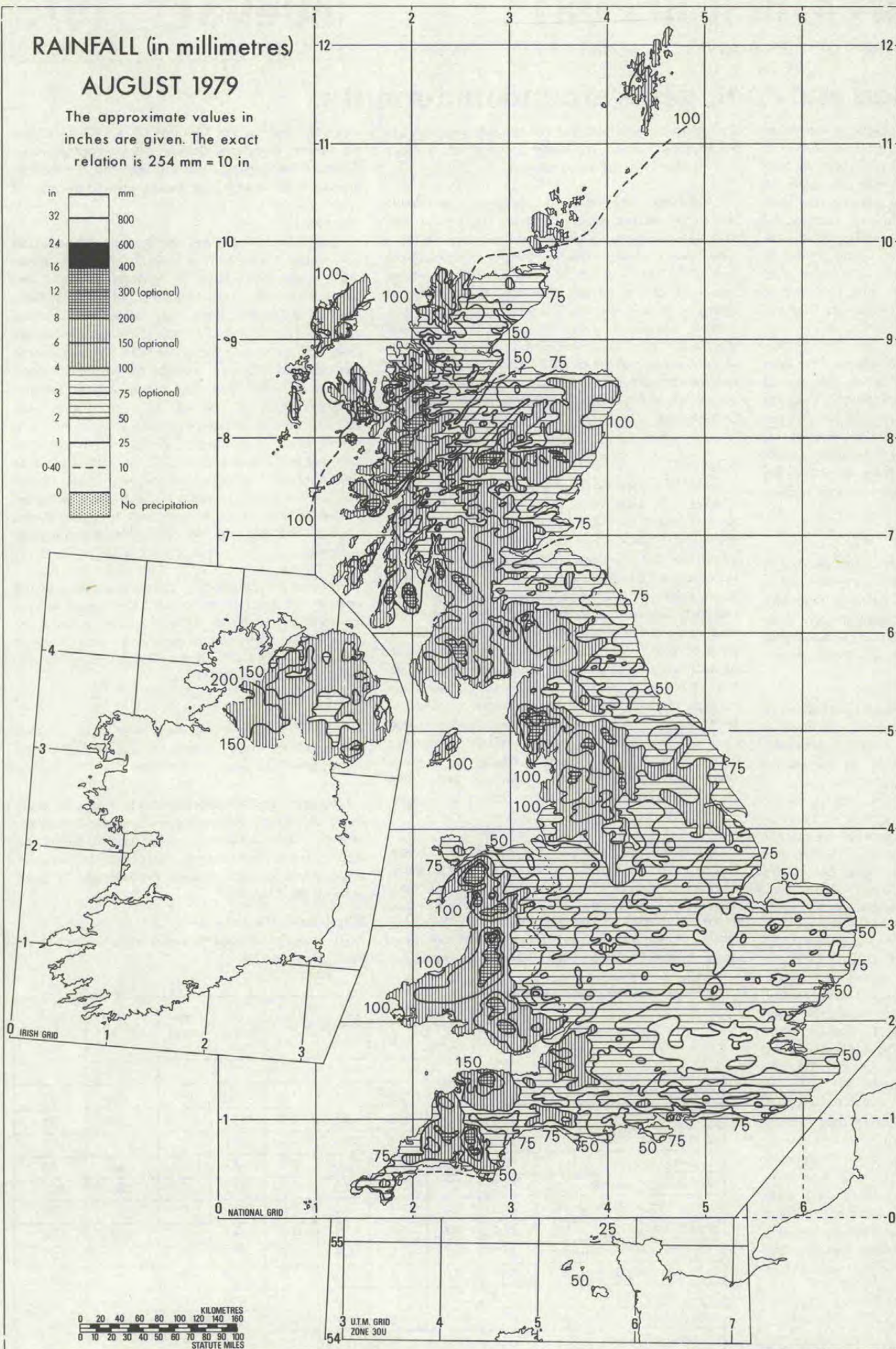
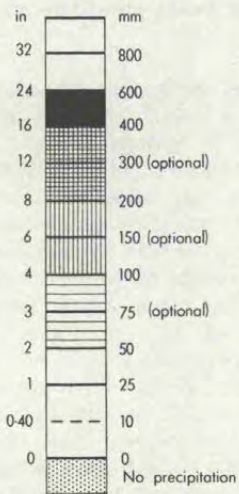
\*Highest maximum and lowest minimum of District Value Stations



# RAINFALL (in millimetres)

## AUGUST 1979

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





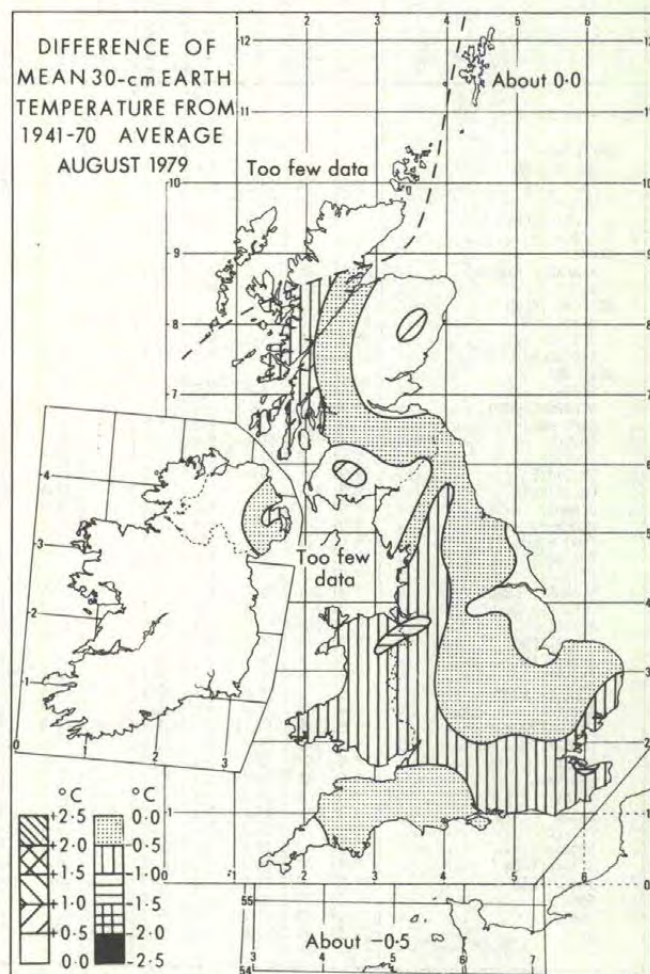
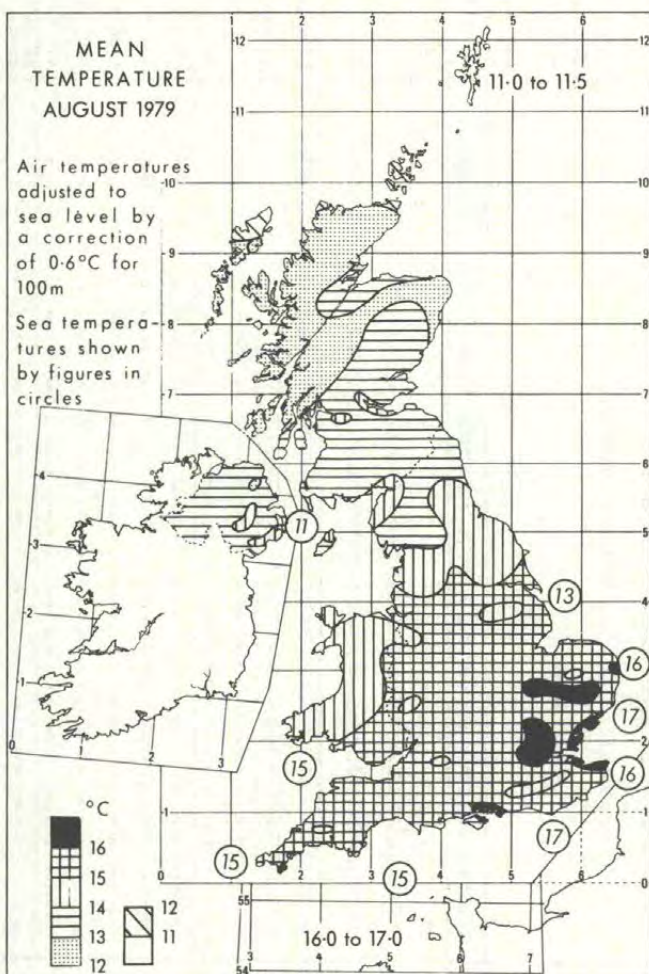
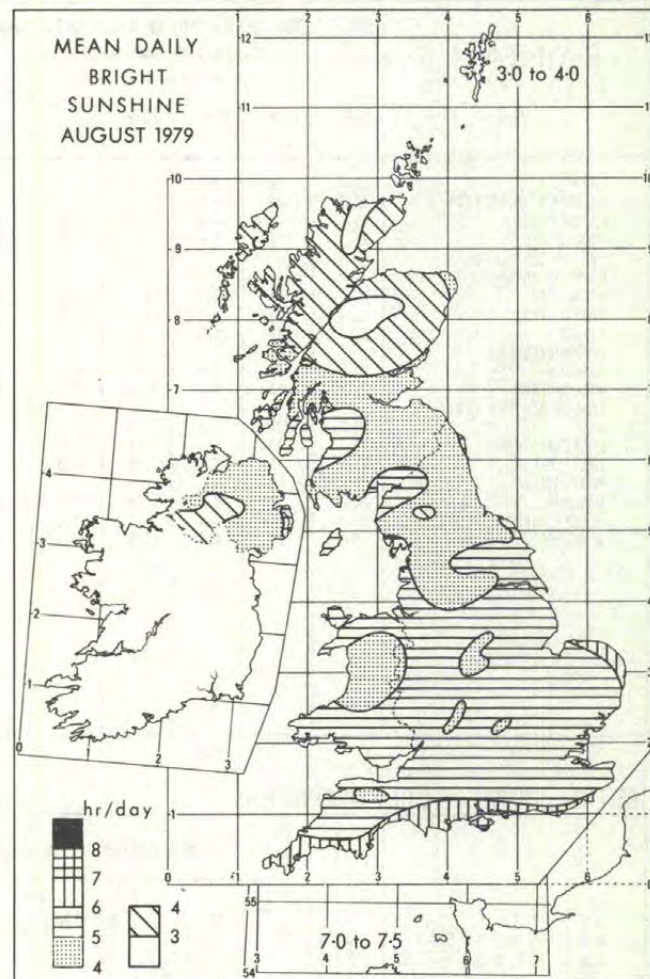
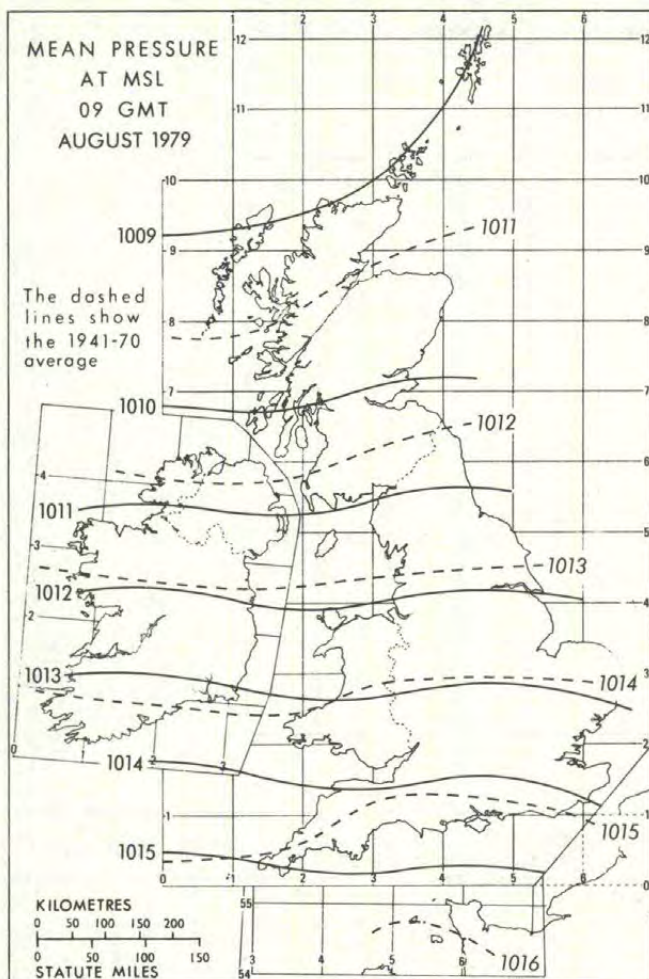




TABLE 2 SOLAR RADIATION

AUGUST 1979

STATION	DAILY GLOBAL IRRADIATION ON A HORIZONTAL SURFACE (MEGAJOULES PER SQUARE METRE)						DAILY DIFFUSE IRRADIATION ON A HORIZONTAL SURFACE (MEGAJOULES PER SQUARE METRE)					
	MAX.	DATE	MIN.	DATE	DAILY MEAN	NO. OF DAYS	MAX.	DATE	MIN.	DATE	DAILY MEAN	NO. OF DAYS
LERWICK	19.1	16	3.1	17	10.8	28	12.3	3	3.0	29	7.7	28
ABERDEEN UNIVERSITY	20.0	23	1.6	17	11.2	31						
ESKDALEHUIR	18.7	4	4.4	5	11.9	31	17.1	9	4.4	5	8.7	31
NOOR HOUSE	20.5	2	3.4	17	11.0	31						
SUTTON BONINGTON												
GRAFHAM WATER												
ABERPORTH	20.7	21	5.7	12.16	13.6	21	12.7	3	5.4	16	8.0	21
CARDINGTON	22.1	15	7.2	13.18	14.6	31	12.1	4	4.5	28	6.8	31
SILSOE	22.1	15	6.5	13	14.7	31	12.5	4	4.3	28	8.8	31
ROTHAMSTED												
GARSTON	20.7	28	4.8	13	13.5	31						
WALLINGFORD	20.6	28	5.1	13.18	13.3	31						
LONDON WEATHER CENTRE												
KEW	22.1	28	6.4	17	14.7	31	10.8	4	4.0	28	7.8	31
EASTHAMPTON	22.1	15	5.1	18	14.1	31	12.7	4	3.8	28	8.1	31
EAST MALLING	21.8	15	5.4	19	14.0	31						
RUSTINGTON												
WAREHAM	24.1	1	3.6	24	15.8	31						
JERSEY AIRPORT	27.2	2	6.4	11	17.4	31	12.6	19	5.6	5	8.3	31
ALDERGROVE	19.5	29	6.3	6	13.3	31	12.0	3	5.8	20	8.5	31

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

AUGUST 1979

DISTRICT REGION/COUNTY AND PLACE	MAX. TERMINAL H(IGHT) 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																							
D SCOTLAND N																																	
SHEPHERD																																	
BALASOUND	9 9	24	13.5	8.4	10.9	-1.2	15.6	18	4.0	31	11.6	-	117	163	27	13	21	16	0	0	0	0	0	0	0	0	0	0	3.48	91	-	-	
FAIR ISLE	9 9	57	12.5	9.3	10.9	-	14.4	29	6.4	11	11.0	10.3	103	-	39	13	18	11	0	0	1	0	0	4	0	1	-	2	4.27	-	-		
LERWICK	21-9	82																															
PSYCHROMETER			12.9	8.7	10.8	-	15.1	7	3.9	31	11.1	-	131	-	25	13	19	15	0	0	0	0	0	1	0	2	0	0	3.00	80	-	-	
SCREEN			13.2	8.7	10.9	-1.0	15.2	7	4.0	31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
ORKNEY																																	
KIRKWALL AIRPORT	21-9	26	14.2	9.0	11.6	-1.1	17.0	29	3.9	25	-	-	122	163	41	13	18	14	0	0	1	0	0	1	0	0	0	0	2.63	64	-	-	
MEYLAND	9 9	24	14.2	9.2	11.7	-	17.3	12	5.3	25	13.0	-	103	-	33	13	15	12	0	0	0	0	1	1	0	0	0	0	0	0	0	0	
WESTERN ISLES																																	
BEMBECLA	21-9	6	15.2	9.9	12.5	-0.9	17.0	25	6.2	25	-	-	97	109	14	5	20	14	0	0	0	0	0	0	0	0	1	0	1	4.60	93	-	-
SCALPAY	9 9	18	14.3	9.9	12.1	-	15.8	17	7.5	9	-	-	91	-	19	31	20	15	0	0	0	0	0	0	0	0	0	0	0	3.53	-	-	
STORNOMAY	21-9	15	14.2	9.3	11.7	-1.2	16.7	12	6.1	1	-	-	96	115	15	20	24	18	0	0	0	0	0	0	0	0	0	0	0	3.26	75	-	-
HIGHLAND																																	
ACHARY	9 9	107	15.6	8.0	11.8	-	20.0	12	4.5	10	12.3	-	56	-	8	13	24	17	0	0	0	0	0	0	0	0	0	0	0	2.05	-	-	-
ACHNASHELLACH	9 9	67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CAPE WRATH	21-9	112	12.8	9.5	11.1	-1.2	16.2	5.6	8.1	27	-	-	129	132	22	14	26	24	0	0	0	0	0	3	0	0	0	0	1	3.53	-	-	-
CASSLEY	9 9	99	15.8	9.4	12.6	-	20.8	12	6.3	24	-	-	98	-	19	21	20	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
CORPACH	9 9	8	17.2	8.1	12.7	-	20.4	18	5.9	25	-	-	163	-	34	5	17	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
DALCROSS	9 9	11	16.4	9.5	12.9	-	23.2	12	6.0	23	-	-	48	59	11	13	20	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
DALMUNNIE	9 9	351	14.3	-	-	-	17.6	30	-	-	-	-	73	-	14	12	23	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
DIABLO	9 9	60	15.7	9.7	12.7	-	18.9	13	6.6	24	-	-	92	-	15	22	24	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
DOUNREAY	9 9	21	15.1	8.8	11.9	-	23.0	12	5.5	24	-	-	71	89	(16)	14	(19)	(15)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
FORT AUGUSTUS	9 9	21	16.5	9.3	12.9	-1.0	20.5	11	5.3	26	-	-	70	-	12	31	23	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
FORTROSE	9 9	5	15.5	9.8	12.7	-1.3	18.8	12	7.2	28	-	-	49	62	14	13	17	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
GEISGILL	9 9	12	-	8.9	-	-	-	-	4.8	24	-	-	86	-	14	14	18	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
GLENHORE LODGE	9 9	341	15.1	6.7	10.9	-	21.5	12	2.8	25	-	-	118	110	26	12	23	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
GRANTOWN-ON-SPEY	9 9	229	15.5	7.2	11.3	-	21.2	12	3.2	5	-	-	71	-	16	12	22	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HEASTE	9 9	109	15.1	8.9	12.0	-	18.0	18	6.4	26	-	-	152	-	27	5	22	19	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
INVERGORDON	9 9	15	16.6	9.7	13.1	-	22.4	12	6.4	24	-	-	54	-	12	13	16	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
IKVERNESS	9 9	4	16.6	9.9	13.3	-	21.0	12	6.5	9	-	-	47	56	13	13	16	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
INVERPOLLY	9 9	14	15.7	9.7	12.7	-	18.6	12.13	4.6	24	13.2	13.6	83	-	9	31	25	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ISLE OF RHUM	9 9	5	15.8	9.4	12.6	-	18.4	25	4.4	26	14.9	13.6	209	100	49	5	21	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
KEISS	9 9	30	14.7	8.8	11.7	-	17.8	29	4.8	10	13.3	12.5	82	-	33	13	18	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
KNOCKANROCK	9 9	244	(14.1)	(8.5)	(11.3)	-	(18.0)	12	4.9	24	-	-	103	69	17	31	25	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LAGGANLIA	9 9	250	15.6	7.4	11.5	-	21.1	12	1.8	25	-	-	74	-	20	12	25	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
LAIRG	9 9	107	15.7	8.1	11.9	-	21.5	12	3.9	10	12.8	11.5	70	-	10	13	25	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
LENTHAN	9 9	146	16.0	8.1	12.1	-	20.9	12	5.3	26	11.8	-	65	-	23	13	19	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NAIRN	9 9	6	16.3	9.3	12.8	-0.9	23.0	12	5.0	25	-	-	59	73	16	13	17	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ONICH	9 9	15	17.1	9.3	13.2	-0.5	21.5	18	5.5	5.25, 27	-	-	160	96	25	31	23	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
POOLEWE	9 9	6	15.8	10.0	12.9	-	18.4	11.13	5.8	24	-	-	93	-	14	21	23	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PRABOST	9 9	67	15.4	9.1	12.3	-	18.2	11	6.0	27	-	-	111	84	20	31	21	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
STRATHCONON	9 9	107	16.7	8.2	12.5	-	20.2	12	4.2	10	-	-	54	-	9	13	18	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TARBATHNESS	21-9	18	15.5	10.2	12.9	-0.5	20.2	12	7.5	21	-	-	48	-	16	13	18	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOMTIN	9 9	311	15.0	7.7	11.3	-	21.4	12	3.3	26	-	-	63	-	11	12	22	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TORRISDALE	9 9	27	15.1	9.5	12.3	-	21.5	12	6.6	23, 24	-	-	68	-	16	13	19	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WICK	21-9	36	14.6	9.2	11.9	-0.7	19.2	29	5.9	4	-	-	72	95	28	13	20	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	







TABLE 3 SUMMARY OF DAILY OBSERVATIONS

AUGUST 1979

DISTRICT REGION/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	
6 SCOTLAND W																																
STRATHCLYDE																																
ACHAHLACHACH ...	9 9	12	-	-	-	-	-	-	-	-	-	-	168	-	36	31	21	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AROS ...	9 9	37	16.4	8.9	12.7	-	19.4	12	5.2	9	-	-	147	159	30	6	18	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AUCHINCRAIVE ...	9 9	45	16.9	9.8	13.3	-0.9	22.1	12	4.4	24	14.6	13.8	147	159	30	6	18	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BENMORE (YOUNGER BOTANIC GARDEN)	9 9	12	16.6	9.1	12.9	-	19.5	19	4.6	28	15.8	-	237	126	49	31	19	15	0	0	0	0	1	1	0	0	0	0	0	0	0	0
BRODICK CASTLE ...	9 9	15	17.3	9.6	13.5	-	21.4	12	5.0	24	16.1	-	222	143	36	5	19	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMPS RESERVOIR ...	9 9	295	15.1	7.6	11.3	-	20.5	12	2.0	28	-	-	104	97	17	12	20	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARNWATH ...	9 9	208	16.6	7.5	12.1	-	21.1	30	-0.5	30	13.6	-	80	93	14	6	21	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CORTBRIDGE ...	9 9	66	16.9	9.6	13.3	-	21.0	30	4.2	27	-	-	105	121	26	6	16	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COLONSAY ...	9 9	35	15.8	9.8	12.8	-	19.8	12	7.2	24	-	-	118	-	15	15	21	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRAIGHOUSE ...	9 9	4	15.9	9.7	12.8	-	19.4	12	6.8	26	-	-	167	-	28	5	21	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRAWFORDJOHN ...	9 9	274	15.7	7.6	11.7	-	20.0	12	2.5	30	13.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CUMNOCK ...	9 9	99	16.9	8.7	12.8	-	23.0	12	3.6	27.28	15.2	-	106	-	22	12	20	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DUNSTAFFAN ...	9 9	3	16.4	9.5	12.9	-	19.7	12	5.0	27	-	-	143	-	31	5	19	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EAST KILBRIDE ...	9 9	178	16.4	9.4	12.9	-	20.8	12	5.6	30	-	-	136	-	30	6	18	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GIRVAN ...	9 9	8	17.4	10.3	13.9	-	22.2	12	5.5	24	-	-	130	174	25	6	20	14	0	0	0	0	1	0	0	0	0	0	0	0	0	0
GLASGOW																																
ABBOTSLINCH AIRPORT ...	21-9	5	17.4	9.6	13.5	-1.0	21.4	12	3.4	30	-	-	129	-	31	6	18	16	0	0	0	0	0	3	0	0	0	2	0	0	0	0
SPRINGBURN PARK ...	9 9	107	16.8	10.0	13.4	-0.9	20.8	12	6.1	27	-	-	153	147	35	6	19	17	0	0	0	0	0	0	2	3	0	0	0	0	0	0
WEATHER CENTRE (X)	21-9	40	17.4	11.3	14.3	-	21.2	30	8.6	27	-	-	143	-	32	6	20	17	0	0	0	0	0	0	3	0	0	0	0	0	0	0
GREENOCK ...	9 9	61	-	-	-	-	-	-	-	-	-	-	176	148	29	6	19	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HELENSBURGH ...	9 9	96	16.2	8.4	12.3	-1.8	19.0	3.19	1.9	27	-	-	152	129	26	13	18	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HUNTERSTON ...	9 9	8	16.4	-	-	-	19.0	2	-	-	-	-	143	-	27	6	16	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KILDONAN ...	9 9	18	16.2	9.8	13.0	-	18.6	19	7.0	24	-	-	167	-	36	5	22	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KILMARNOCK ...	9 9	34	17.7	9.0	13.3	-	22.0	12	3.6	26	15.6	14.2	157	-	40	6	17	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KNAPDALE FOREST ...	9 9	12	16.4	8.4	12.4	-	20.6	11	3.1	26	-	-	116	-	27	5	19	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LEADHILLS ...	9 9	388	14.8	7.3	11.1	-	19.5	30	1.5	27	-	-	160	118	27	5	21	17	0	0	0	0	0	1	3	0	0	0	5	0	0	0
MACHRIHANISH ...	21-9	10	15.9	10.1	13.0	-	21.7	12	4.8	24	-	-	165	176	27	6	17	15	0	0	0	0	2	0	0	0	0	1	0	0	0	0
MILLPORT ...	9 9	5	16.4	10.6	13.5	-	19.4	2	7.0	10	-	-	140	139	26	6	16	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PAISLEY ...	9 9	32	17.8	10.4	14.1	-0.8	22.1	12	6.0	27	15.0	13.6	134	138	22	6	18	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PRESTWICK ...	21-9	16	16.9	9.6	13.3	-	22.9	12	3.8	27	-	-	155	166	34	6	18	14	0	0	0	0	1	0	3	0	0	0	1	0	0	0
RHUVAL ...	21-9	20	15.1	10.3	12.7	-	20.7	12	7.0	28	-	-	139	131	28	5	20	20	0	0	0	0	0	0	1	0	0	0	0	0	0	0
ROTHESAY ...	9 9	43	17.0	9.7	13.3	-	20.9	12	6.5	27	13.8	12.6	173	146	30	31	16	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STRONACHULLIN ...	9 9	2	16.3	8.6	12.5	-	20.9	12	4.4	26	-	-	166	-	(37)	5	18	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TIREE ...	21-9	9	15.2	10.5	12.9	-0.7	17.3	25	8.0	9	-	-	100	114	14	13	21	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UPPLAMOOD ...	9 9	128	16.4	8.5	12.5	-	20.7	12	2.5	27	-	-	212	-	43	6	19	16	0	0	0	0	1	2	0	0	0	1	0	0	0	0
CENTRAL																																
ARROCHMORE ...	9 9	30	16.9	9.5	13.2	-	20.6	19	4.5	27	-	-	177	-	25	6	18	15	0	0	0	0	0	0	0	1	0	0	0	0	0	0
CALLANDER ...	9 9	107	17.1	8.9	13.0	-	(21.1)	19	5.1	30	-	-	175	133	29	5	19	17	0	0	0	0	0	2	0	0	0	0	0	0	0	0
EARLS HILL ...	21-9	335	14.9	8.1	11.5	-	18.4	12	3.9	27	-	-	190	-	41	6	17	15	0	0	0	0	0	1	2	0	0	0	0	0	0	0
FALKIRK ...	9 9	3	17.7	10.3	14.0	-	22.3	12	5.2	27	-	-	101	-	25	6	18	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PARKHEAD ...	9 9	107	18.0	9.6	13.8	-	21.0	3	4.5	27	15.6	-	99	-	20	6	19	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STIRLING (BATTERFLATS)	9 9	38	18.2	9.6	13.9	-	22.0	19	4.7	30	15.7	14.6	110	-	24	6	17	13	0	0	0	0	0	0								



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

AUGUST 1979

DISTRICT REGION/COUNTY AND PLACE	MAX. TERMINAL (HGMT) MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C						MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL H 09 GMT)		WEATHER (NUMBER OF DAYS)										BRIGHT SUNSHINE									
			MEANS OF		HIGHEST MAXIMUM	DATE	LOWEST MINIMUM	DATE	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)																												
																													DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE		
2 ENGLAND E & NE -CONTINUED																																
DURHAM	9 9	102	18.0	9.8	13.9	-0.7	23.8	12	4.8	28	15.2	14.0	67	91	13	13	20	11	-	-	-	1	0	0	0	0	0	0	0	3.95	85	5
DURHAM ...	9 9	155	16.9	9.1	13.0	-	22.1	31	3.7	28	13.6	11.8	61	-	13	13	19	14	0	0	0	0	0	2	0	0	0	-	-	-	-	
LOW ETHERLEY ...	9 9	513	14.1	7.8	10.9	-	20.4	31	3.1	25	11.1	-	137	-	28	16	22	17	0	0	0	0	1	0	3	-	0	4.16	-	-	-	
WIDDYBANK FELL ...																																
CLEVELAND	9 9	31	18.3	9.6	13.9	-	24.5	12	2.8	28	-	-	59	91	20	13	17	9	0	0	0	0	1	0	1	-	2	4.02	-	-	-	
HARTBURN GRANGE ...	9 9	9	18.0	11.2	14.6	-0.6	24.2	12	5.9	28	-	-	68	101	22	13	10	9	0	0	0	0	1	1	0	-	1	4.67	-	-	-	
HARTLEPOOL ...																																
NORTH YORKSHIRE	9 9	33	19.1	9.7	14.4	-	24.1	12	4.5	28	-	-	94	127	24	13	15	11	0	0	1	0	1	0	0	-	0	5.22	112	-	-	
ASKHAM BRYAN ...	9 9	6	19.0	10.0	14.5	-	25.0	12	4.6	28	15.9	15.5	106	149	24	13	18	15	0	0	0	2	0	0	0	-	0	4.82	-	-	-	
CAMOOD ...	9 9	175	17.6	9.7	13.7	-	23.6	31	5.2	28	14.8	-	101	123	26	13	17	13	0	0	0	0	1	0	0	-	0	4.36	-	-	-	
HIGH MOUTHORPE ...	21-9	32	18.7	10.2	14.5	-	24.5	31	4.6	28	15.3	14.6	81	124	18	1	19	14	0	0	0	0	0	1	0	0	0	4.85	-	-	-	
LEEMING ...	9 9	395	15.0	8.9	11.9	-0.8	21.0	31	5.8	28	13.9	-	186	120	35	13	22	17	0	0	1	0	0	0	0	-	0	-	-	-	-	
NALHAM TARN ...	9 9	44	18.9	9.1	14.0	-	24.0	31	2.4	28	14.6	-	103	140	23	13	18	14	0	0	0	0	4	0	0	-	0	-	-	-	-	
PICKERING ...	9 9	52	18.1	11.0	14.5	-	22.7	12	7.3	10	15.3	14.7	71	107	22	13	11	10	0	0	0	0	2	0	0	0	1	5.27	105	-	-	
SCARBOROUGH ...	9 9	203	17.5	9.4	13.5	-	22.9	31	4.9	10	14.1	-	81	90	26	13	17	11	0	0	1	0	1	0	0	-	0	4.73	-	-	-	
SILPHO MOOR ...	9 9	290	15.3	8.8	12.1	-	21.2	31	3.1	25	13.2	-	191	-	38	1	21	16	0	0	0	0	0	3	-	0	4.00	-	-	-	-	
SHAZZOLHE ...	9 9	41	18.3	10.5	14.4	-	24.2	12	5.3	10	-	-	59	-	19	1	15	8	0	0	0	0	2	0	0	0	1	5.16	-	-	-	
WHITBY ...	21-9	60	17.0	10.1	13.5	-	23.3	12	5.2	10	-	-	58	-	23	1	14	8	0	0	0	0	1	6	0	0	0	-	-	-	-	
WHITBY(COASTGUARD)	9 9	19	18.7	10.2	14.5	-	24.0	12	3.5	28	-	-	93	130	25	13	16	14	0	0	0	0	0	0	-	-	0	-	-	-	-	
YORK(HESLINGTON)																																
HUMBERSIDE	9 9	48	(17.7)	(9.9)	(13.8)	-	23.2	12	4.5	28	-	-	86	109	30	13	13	9	-	-	-	-	-	-	-	-	-	5.41	-	-	-	
BRIDLINGTON ...	9 9	7	19.4	11.4	15.4	-0.5	25.5	31	6.6	25	-	-	71	115	21	13	14	10	-	-	-	0	0	-	-	-	-	5.50	-	-	-	
CLEETHORPES ...	9 9	2	19.8	11.4	15.6	-0.5	25.0	31	6.6	25	16.7	15.9	95	132	27	14	16	13	0	0	1	0	2	1	0	0	-	5.78	113	5	-	
HULL ...																																
LINCOLNSHIRE	21-9	108	18.5	10.3	14.4	-	23.6	31	5.5	28	-	-	117	158	28	13	16	11	0	0	0	0	2	0	0	0	0	5.61	-	-	-	
BIMBROOK ...	9 9	21	19.8	9.8	14.8	-	24.7	31	3.9	28	-	-	100	-	26	13	18	14	-	-	-	-	-	-	-	-	-	-	-	-	-	
CRISTOR ...	21-9	7	19.9	10.6	15.3	-	25.5	12	4.3	28	-	-	63	-	16	13	14	12	0	0	0	0	2	0	0	1	0	-	-	-	-	
COMINGSBY ...	9 9	62	19.8	10.7	15.3	-0.4	25.4	12	5.6	28	16.9	16.8	87	137	23	13	14	10	0	0	0	1	3	0	0	0	0	5.32	99	-	-	
CRANWELL ...	9 9	4	19.9	10.5	15.2	-	24.9	12	3.9	28	15.7	14.4	47	-	13	13	15	10	0	0	0	0	4	0	0	1	-	5.56	-	-	-	
KIRTON ...	9 9	6	19.7	10.1	14.9	-0.8	24.9	12	3.8	25	16.2	15.2	72	106	28	13	14	10	0	0	0	0	1	1	0	1	-	5.24	-	-	-	
LINCOLN	9 9	5	19.2	11.5	15.3	-0.4	24.0	6	6.2	28	-	-	61	93	15	9	11	9	0	0	0	0	0	-	0	-	0	6.00	107	-	-	
SKEGNESS ...	9 9	4	-	-	-	-	-	-	-	-	-	-	36	56	11	8	9	9	-	-	-	-	-	-	-	-	-	-	-	-	-	
SUTTON BRIDGE ...	21-9	68	19.5	11.0	15.3	-0.4	25.0	12	6.5	28	-	-	83	124	26	13	17	10	0	0	0	0	2	0	0	0	0	5.44	100	-	-	
WADDINGTON ...																																
3 EAST ANGLIA																																
NORFOLK	21-9	17	20.1	11.2	15.7	-	25.8	6	7.2	29	-	-	73	115	37	9	14	9	0	0	0	0	2	0	0	0	0	1	-	-	-	-
CALTISHALL ...	9 9	54	-	-	-	-	-	-	-	-	-	-	68	-	19	7	12	10	0	0	0	0	2	0	0	-	1	-	-	-	-	
CROMER ...	9 9	3	20.0	10.7	15.3	-	25.0	6	3.8	28	16.5	15.6	68	-	19	7	12	10	0	0	0	0	2	0	0	-	1	5.31	-	-	-	
DENVER ...	9 9	4	19.6	12.7	16.1	-0.1	24.0	31	8.4	28	16.5	15.5	41	66	9	17	12	9	0	0	0	0	1	0	0	0	0	5.96	100	-	-	
GORLESTON ...	21-9	14	19.7	11.4	15.5	-	25.5	31	7.0	23.28	16.0	15.3	43	-	14	9	10	8	0	0	0	0	1	0	0	0	0	6.43	-	-	-	
HENSBY ...	21-9	23	20.2	10.9	15.5	-	25.3	12	4.8	28	-	-	62	-	14	7	11	10	0	0	0	0	4	0	0	0	0	5.62	-	-	-	
MARHAM ...	9 9	46	20.6	10.2	15.4	-	25.1	30	5.1	25	16.4	-	67	-	18	9	12	10	0	0	0	0	2	0	0	0	0	5.69	-	-	-	
NORLEY ST BOTOLPH ...	9 9	24	20.5	8.6	14.5	-	25.5	12	1.5	28	15.7	14.5	65	96	12	7	12	11	-	-	-	1	0	1	-	-	5.43	-	-	-		
SANTON DOWNHAM ...	9 9	27	20.8	10.8	15.8	-	25.5	6.31	5.9	29	17.1	17.0	55	-	20	8	12	9	0	0	0	0	2	0	0	0	1	5.58	-	-	-	
SCOLE ...	9 9	3	20.7	10.2	15.5	-0.4	25.9	12	3.8	28	16.1	-	51	83	11	24	10	9	0	0	0	0	1	0	0	1	-	5.31	96	-	-	
TERRINGTON ST CLEMENT																																
CAMBRIDGESHIRE	9 9	53	20.2	11.1	15.7																											



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

AUGUST 1979

DISTRICT REGION/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		DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM	DATE	LOWEST MINIMUM	DATE	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)																													
4 MIDLAND COUNTIES																																	
WEST YORKSHIRE																																	
BRAHAFORD ...	9 9	134	17.9	10.8	14.3	-0.6	23.8	31	5.3	28	14.7	14.0	99	111	23	8	17	12	0	0	0	0	0	0	0	1	0	0	0	4.88	103	5	
BRAHAFORD ...	9 9	54	18.6	9.9	14.3	-	24.2	12	5.0	25	-	-	89	117	23	13	14	11	0	0	0	0	0	0	0	0	0	0	0	-	-	-	
HUDDESFIELD (DAKES)	21-9	232	18.4	10.0	14.2	-0.5	25.8	31	6.2	28	13.8	12.6	110	114	23	8	18	15	0	0	0	1	2	1	0	0	0	0	0	-	-	-	
ILKLEY ...	9 9	83	18.2	10.5	14.3	-0.8	24.0	12.31	4.5	28	-	-	145	148	25	13	18	15	0	0	1	0	1	-	0	0	0	0	0	5.05	108	-	
PONTEFRAC ...	9 9	78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
TOONORDEN ...	9 9	160	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
WILSON ...	9 9	262	17.0	9.8	13.4	-	23.7	31	5.6	25	-	-	118	-	26	13	18	15	0	0	0	0	1	1	0	0	0	0	0	-	-	-	
SOUTH YORKSHIRE																																	
FIMMINGLEY	21-9	10	20.1	10.2	15.1	-	26.5	12	4.7	29	-	-	80	119	20	13	16	13	0	0	0	1	2	0	0	1	0	0	0	5.16	-	-	
SHEFFIELD																																	
DORE ...	9 9	206	18.3	10.6	14.5	-	24.7	12	6.2	28	-	-	85	-	22	13	17	12	0	0	0	0	2	0	0	0	0	0	-	-	-	-	
NESTON PARK ...	9 9	131	19.1	11.4	15.3	-0.4	25.0	12	6.7	25.28	15.9	15.1	79	107	21	13	15	10	0	0	0	0	1	-	0	-	-	-	0	5.52	121	-	
DERBYSHIRE																																	
ASHOVER ...	9 9	178	18.5	10.4	14.5	-	23.9	12	4.1	28	-	-	101	-	36	13	17	14	0	0	2	0	2	1	0	0	0	0	1	5.22	-	-	
BARBROOK ...	9 9	323	17.1	9.2	13.1	-	22.7	12	4.7	28	-	-	92	101	25	13	16	13	-	0	-	-	-	-	0	1	-	-	0	5.26	-	-	
BUXTON ...	9 9	307	16.9	10.1	13.5	-0.2	22.8	12	4.5	29	15.0	14.7	132	115	27	13	21	16	0	0	0	0	1	0	0	0	0	0	0	1	-	5	
DERBY ...	9 9	48	19.8	11.4	15.6	-	25.0	12	6.5	29	-	-	78	113	28	13	20	9	0	0	0	0	3	0	0	0	0	0	0	4.97	-	-	
WINGERMOUTH ...	9 9	116	18.7	9.8	14.3	-	24.6	12	1.9	28	15.1	-	89	-	28	13	17	11	0	0	0	0	2	1	0	3	-	0	0	5.55	-	-	
NOTTINGHAMSHIRE																																	
WALSFIELD ...	9 9	114	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
NENTHORPE ...	9 9	58	-	10.6	-	-	-	-	4.6	29	-	-	77	-	30	13	15	11	-	0	-	-	-	-	-	-	-	-	-	-	-	-	
NOTTINGHAM	9 9	59	-	-	-	-	-	-	-	-	-	-	66	94	26	13	12	11	0	0	0	0	2	-	-	-	-	-	1	-	-		
SUTTON BONINGTON ...	9 9	48	19.6	10.4	15.0	-0.5	24.8	12	4.7	29	15.5	14.7	62	94	23	13	15	9	0	0	0	0	1	0	0	0	0	0	1	5.22	105	-	
WARSOP ...	9 9	46	19.3	9.6	14.5	-	24.8	12	2.3	28	-	-	73	111	26	13	17	12	0	0	0	0	2	0	0	1	-	0	0	5.03	-	-	
WATNALL ...	21-9	117	19.3	10.9	15.1	-0.4	25.4	30	6.0	28	-	-	89	113	31	13	20	12	0	0	0	1	3	0	0	1	0	0	0	4.77	98	-	
STAFFORDSHIRE																																	
KEELE ...	9 9	179	17.6	10.4	14.0	-	22.2	12	6.0	28	14.7	13.6	82	96	23	13	19	15	0	0	0	0	3	0	0	0	0	0	0	4.78	-	5	
OSWALD ...	9 9	125	18.7	10.3	14.5	-0.6	24.1	12	4.9	28	15.3	-	88	114	24	13	16	12	0	0	0	0	1	0	0	0	0	0	0	-	-	5	
PENKIRIDGE ...	9 9	101	18.7	10.3	14.5	-	24.0	12	4.9	28	-	-	72	99	23	13	16	15	0	0	0	0	0	0	0	0	0	0	0	5.15	-	-	
STONE ...	9 9	107	18.5	10.1	14.3	-	23.6	12	4.5	28	-	-	80	104	26	13	20	12	0	0	0	0	3	0	-	-	-	1	0	4.94	-	-	
LEICESTERSHIRE																																	
CALDECOTT ...	9 9	53	19.9	10.1	15.0	-	24.5	12	3.1	28	-	-	47	81	21	13	12	9	0	0	0	0	3	0	0	1	-	0	0	5.27	-	-	
NENTON LINFORD ...	9 9	119	19.6	10.1	14.9	-	25.4	12	5.2	25	-	-	62	87	24	13	12	8	0	0	0	0	3	0	0	0	0	0	0	4.86	-	-	
SALOP																																	
WATKINS ...	9 9	70	13.8	10.1	14.9	-	25.5	12	2.0	28	-	-	62	-	25	13	15	7	-	-	-	-	-	-	-	-	-	-	0	5.59	-	-	
WATKINS ...	9 9	64	19.0	10.2	14.6	-0.5	24.4	12	3.4	28	-	-	81	112	25	13	19	13	0	0	0	0	1	4	0	0	0	0	0	0	5.50	114	-
OSWALD ...	9 9	174	17.7	10.5	14.1	-0.8	23.0	31	7.0	23.28	-	-	82	100	18	13	17	14	0	0	0	0	1	0	0	1	-	0	0	4.91	99	-	
PRESTON MONTFORD ...	9 9	67	19.6	10.1	14.9	-	25.3	12	2.5	28	16.4	15.6	65	-	18	13	18	11	0	0	0	0	0	0	0	1	-	0	0	5.45	-	-	
SHARPSBURY ...	21-9	72	19.1	10.1	14.6	-0.7	24.4	12	3.5	28	-	-	80	111	27	13	15	10	0	0	1	0	3	0	0	2	0	0	0	5.23	105	-	
SHARPSBURY ...	9 9	55	19.0	10.9	14.9	-0.8	24.7	12	3.1	28	16.4	16.3	71	105	18	13	20	14	0	0	0	0	3	0	0	0	0	0	0	5.14	103	-	
WEST MIDLANDS																																	
BIRMINGHAM	21-9	163	18.8	11.5	15.1	-0.6	24.3	12	7.0	28	13.3	-	94	120	31	13	15	13	0	0	0	0	2	0	0	-	0	0	0	5.09	105	-	
EDGBASTON ...	21-9	96	19.5	10.5	15.0	-0.5	24.7	12	4.3	29	-	-	62	-	20	13	14	11	0	0	0	0	2	0	0	2	0	0	0	5.18	99	-	
KING EDWARD'S SCHOOL	9 9	137	16.6	-	-	-	20.3	11.12	-	-	-	-	97	131	35	13	15	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
COVENTRY AIRPORT	9 9	81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
WARWICKSHIRE																																	
LUDDINGTON ...	9 9	56	19.6	10.5	15.1	-	24.8	12	3.3	28	-	-	59	-	19	8	11	8	0	0	0	0	0	0	0	1	-	1	0	5.59	-	-	
MORETON MORRELL ...	9 9	85	19.3	10.6	14.9	-	25.0	12	5.0	28	-	-	64	92	19	8	14	11	0	0	0	0	0	0	0	0	0	0	0	5.04	-	-	
RUGBY ...	9 9	117	19.7	10.8	15.3	-0.4	24.9	12	5.5	28	16.4	15.8	72	102	23	13	14	13	0	0	0	0	2	-	0	0	0	0	0	-	-	-	
SHIPSTON-ON-STOUR ...	9 9	111	19.2	10.4	14.8	-0.9	24.8	12	5.6	28	15.6	-	64	91	18	13	15	11	0	0	0	0	1	-	0	1	-	3	0	5.15	96	-	
STRATFORD-UPON-AVON	9 9	49	19.6	9.6	14.6	-1.3	25.4	12	1.2	28	16.9	-	59	84	19	13	12	7	-	0	-	-	0	0	2	-	-	-	0	4.90	93	-	
MELLESBOURNEUR																																	



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

AUGUST 1979

DISTRICT REGION/COUNTY AND PLACE	MAX. TERMINAL HEIGHT MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C								MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL H 09 GMT)		WEATHER (NUMBER OF DAYS)										BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																								
			MEANS OF		DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	AMOUNT (MM)	DATE	PRECIP- ITATION	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	DEW MIN. OR MORE CONCRETE MIN. SEASON DEW C	DATE	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	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE	1-0 MM OR MORE



DISTRICT REGION/COUNTY AND PLACE	MAX. TERMINAL HEIGHT OF STATION MIN.	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		30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1961-70 AVERAGE	MOST IN A DAY AMOUNT (MM)	DATE	0.2 MM OR MORE 1.0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 9H	MAIL	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 1961-70 AVERAGE	EXPOSURE							
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE																											
7A ENGLAND NM & I.O.M.																																					
CUMBRIA																																					
CARTMEL ...	21-9	26	17.6	10.4	14.0	-	22.4	12	4.5	30	16.1	15.1	127	125	22	13	20	19	0	0	0	0	1	0	0	0	0	0	0	0	5.45	-	-				
ESKMEALS ...	9 9	35	17.5	9.9	13.7	-	22.8	30	3.5	28	-	-	129	-	31	8	19	14	0	0	0	0	1	0	0	0	0	0	0	0	0	5.02	-	-			
GRIZEDALE ...	9 9	8	16.8	10.7	13.7	-	20.6	31	5.0	27	-	-	137	-	25	8	19	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
MOOR HOUSE ...	9 9	91	17.3	8.5	12.9	-	22.7	30	3.1	28	14.2	-	158	92	31	8	20	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
NEWTON RIGG ...	9 9	556	13.3	7.1	10.2	-	19.3	31	0.2	25	11.2	-	175	92	33	16	23	17	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0				
SELLFIELD ...	9 9	171	17.5	-	-	-	22.8	31	-	-	15.5	-	90	115	10	23	23	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
SELLFIELD ...	9 9	13	17.1	10.8	13.9	-	21.0	30	6.2	28	-	-	120	126	17	6	16	15	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-				
LANCASHIRE																																					
HAUGHTON ...	21-9	54	17.9	11.4	14.7	-	24.7	31	7.0	24	15.5	14.9	97	-	21	8	18	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6.01	-	-		
HAZELRIGG ...	9 9	95	16.9	11.1	14.0	-	23.0	31	6.2	24	14.4	-	139	-	28	8	18	17	0	0	0	0	1	1	0	0	0	0	0	0	0	0	4.59	-	-		
HELSHORE ...	9 9	260	16.4	10.0	13.2	-	22.7	31	6.6	22, 24, 28	13.5	-	184	122	32	14	21	15	0	0	0	0	0	1	0	0	0	0	0	0	0	0	4.71	-	-		
KIRKHAM ...	9 9	24	-	-	-	-	-	-	-	-	-	-	128	125	41	8	17	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
MORECAMBE ...	9 9	7	17.9	12.1	15.0	-0.7	22.7	31	8.2	24, 25, 28	-	-	100	100	29	8	17	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.15	98	-		
PRESTON ...	9 9	33	17.9	11.0	14.5	-	24.2	31	5.4	29	-	-	153	135	33	8	18	16	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0			
SLAIBURN ...	9 9	192	16.9	9.6	13.3	-	23.3	31	4.6	25	-	-	190	127	28	23	18	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.85	-	-		
SQUIRES GATE AIRPORT ...	21-9	10	18.1	11.7	14.9	-0.6	23.2	31	4.8	29	-	-	115	120	34	8	14	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.85	102	-		
MERESIDE																																					
RIGBURY ...	9 9	12	18.9	12.2	15.5	-	24.6	31	7.6	29	-	-	76	-	22	8	19	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.35	-	-		
BIDSTON ...	9 9	60	17.8	12.1	14.9	-	24.1	12	9.3	25	-	-	75	90	24	8	16	12	0	0	0	0	1	0	0	0	0	0	0	0	0	0	6.03	-	-		
ST HELENS ...	9 9	76	-	-	-	-	-	-	-	-	-	-	112	-	31	8	19	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
SOUTHPORT ...	9 9	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
WEST KIRBY PARK ...	9 9	7	19.2	12.0	15.6	-0.5	25.0	31	6.5	27	-	-	63	83	19	23	16	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
GREATER MANCHESTER																																					
BOLTON ...	9 9	107	17.6	10.3	13.9	-	23.3	31	4.5	28	14.5	13.8	153	-	28	13	18	17	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0			
MANCHESTER ...	21-9	75	18.4	11.4	14.9	-0.6	23.9	12	7.1	25	-	-	104	114	25	14	22	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.09	104	-		
RINGWAY AIRPORT ...	21-9	69	18.9	12.1	15.5	-	24.7	31	9.0	24	-	-	113	-	20	14	17	14	0	0	0	1	2	0	0	0	0	0	0	0	0	0	4.77	-	-		
WEATHER CENTRE (X) ...	21-9	69	18.9	12.1	15.5	-	24.7	31	9.0	24	-	-	113	-	20	14	17	14	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0			
CHESHIRE																																					
KNUTSFORD ...	9 9	65	18.8	10.5	14.7	-	24.9	12	6.2	24, 29	16.3	15.6	73	82	19	13	17	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
MACCLESFIELD ...	9 9	152	17.9	10.9	14.4	-0.8	23.4	31	6.9	24	-	-	96	101	21	13	22	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
NESS GARDENS ...	9 9	30	18.9	11.0	14.9	-	25.2	12	6.7	28	15.5	-	52	72	11	23	15	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
ISLE OF MAN																																					
DOUGLAS ...	9 9	85	16.1	10.6	13.3	-1.0	19.1	30	7.5	28	-	-	106	104	21	8	16	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.93	101	-		
POINT OF AYRE ...	21-9	9	17.8	10.8	14.3	-0.8	26.0	12	6.6	28	-	-	83	102	18	8	16	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.87	100	-		
RONALDSWAY AIRPORT ...	21-9	16	15.9	10.5	13.2	-1.3	18.5	18	5.6	28	-	-	92	119	19	8	17	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.95	103	-	
7B WALES N																																					
Gwynedd																																					
BALA ...	9 9	163	17.0	9.2	13.1	-	22.5	31	0.7	29	14.8	14.6	92	88	14	13	19	16	0	0	0	0	0	1	0	0	0	0	0	0	0	0	4.40	-	-		
BARSEY ISLAND ...	21-9	15	16.1	12.4	14.3	-	18.8	30	10.2	28	-	-	83	110	14	16	18	16	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0			
BETWS-Y-COED ...	9 9	20	(19.0) (9.6)	(14.3)	-	24.0	30	3.9	28	28	-	-	104	-	31	13	21	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
BOTHMNOG ...	9 9	34	17.6	9.8	13.7	-	21.5	12	5.2	28	16.0	15.7	87	92	14	13	23	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.23	-	-		
CMWYSTYLLYN ...	9 9	204	16.1	-	-	-	20.0	30	-	-	-	-	202	-	27	16	22	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.22	-	-		
LLYN ALAW ...	9 9	44	17.4	10.9	13.7	-	21.5	30, 31	5.0	10	-	-	94	-	16	13	20	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.66	-	-		
PEN-Y-FFRIDD ...	9 9	84	18.2	10.9	14.5	-	24.5	31	6.9	28	-	-	85	88	16	14	20	12	0	0	0	1	1	2	0	0	0	0	0	0	0	0	0	5.55	-	-	
TRANSFYNYDD ...	9 9	193	-	-	-	-	-	-	-	-	-	-	138	93	34	14	22	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
VALLEY ...	21-9	10	17.2	11.8	14.5	-0.8	21.4	30	7.6	28	-	-	91	118	16	8	20	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.93	101	-		
CLWYD																																					
ALWEN ...	9 9	335	16.1	7.7	11.9	-	22.0	31	0.3	28	-	-	103	92	22	13	20	15	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0			
BALCHWYN ...	9 9	386	15.7	9.0	12.3	-	21.5	31	5.7	28	12.2	-	73	77	20	23	18	12	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0			
COLWYN BAY ...	9 9	18	17.6	11.5	14.5	-	23.2	12	7.4	28	15.8	-	50	76	12	13	17	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.75	104	-	
CORNWEN ...	9 9	144	17.8	9.1	13.5	-	23.7	31	1.8	28	-	-	83	92	14	13	19	13	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0			
HARRODEN BRIDGE ...	9 9	5	19.6	11.4	15.5	-0.5	26.2	12	5.0	29	-	-	52	79	19	23	17	8	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0			
LOGGHEHEADS ...	9 9	210	17.2	9.6	13.4	-	23.2	31	3.5	28	13.9	13.3	89	109	30	20	17	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.59	-	-	
PRESTATYN ...	9 9	4	18.3	12.3	15.3	-0.6	24.1	30	8.2	28, 30	-	-	59	87	18	23	15	10	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	5.54	109	-
RUTHIN ...	9 9	76	18.4	10.0	14.2	-	24.4	31	3.2	28	-	-	51	77	14	13	15	9	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	5.02	-	-	
POMYS (NORTH)																																					
FORDEN ...	9 9	91	19.5	9.7	14.6	-	25.1	12	2.0	28	16.4	-	64	-	16	13	20	12	0	0	0																



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

AUGUST 1979

DISTRICT REGION/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	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																						
8A WALES S CONTINUED																																
MID GLAMORGAN																																
ABERDARE FILTER STATION	9 9	174	-	-	-	-	-	-	-	-	-	-	150	-	36	13	18	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CILFYNYDD	21-9	194	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LLWYNNON	9 9	241	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PORTHCARL	9 9	6	18.5	12.6	15.5	-	22.6	30	7.6	28	-	-	108	109	25	13	13	11	-	-	-	-	0	0	-	-	-	-	-	5.66	-	-
SOUTH GLAMORGAN																																
BRIDGENO	9 9	40	18.5	11.1	14.8	-	22.7	30	5.0	28	16.7	15.6	149	-	30	13	19	14	0	0	0	0	0	0	1	0	0	0	0	0	0	0
CARDIFF (BUTE PARK)	9 9	9	18.9	11.2	15.1	-	23.2	30	5.0	29	17.8	16.5	136	-	45	13	16	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RHOOSE AIRPORT	21-9	67	18.3	11.2	14.7	-	22.5	30	5.5	28	-	-	149	-	38	13	19	14	0	0	0	0	0	0	1	0	0	0	0	0	0	0
GWENT																																
CRUMBLAND	9 9	245	17.9	10.2	14.1	-	22.5	12	6.8	27	14.6	14.2	96	101	39	13	15	8	0	0	0	0	0	0	0	0	0	0	2	-	-	-
USK	9 9	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
8B ENGLAND SW																																
AVON																																
BATH	9 9	118	(18.1)	(11.5)	(14.8)	-	22.0	7-12	7.1	28	-	-	(101)	-	21	13	15	15	-	0	0	1	0	1	0	-	-	-	-	5.45	99	-
FILTON	21-9	59	18.9	11.5	15.2	-0.9	23.6	30	4.9	28	-	-	127	153	25	13	17	14	0	0	0	0	1	0	0	0	3	0	0	5.88	102	-
LONG ASHTON	9 9	51	19.0	10.9	14.9	-1.1	24.2	30	5.2	28	16.7	-	153	161	29	22	18	15	0	0	0	2	1	0	0	0	0	0	0	0	0	0
SOMERSET																																
BRYNORE	9 9	23	19.2	10.7	14.9	-	24.6	30	4.5	29	16.5	-	101	-	20	16	13	9	0	0	0	2	1	0	0	0	0	0	2	5.49	-	-
CREWKERNE	9 9	101	18.5	11.3	14.9	-	23.4	30	7.5	30	16.4	-	102	-	25	13	13	11	0	0	0	0	1	0	0	0	0	0	2	-	-	-
DOMESDAY ABBEY	9 9	183	17.6	11.1	14.3	-	23.1	30	6.4	28	-	-	139	129	29	13	19	16	0	0	-	-	0	0	0	0	0	0	0	-	-	-
EXTON	21-9	329	17.3	9.5	13.4	-	22.1	30	6.0	29	-	-	140	-	28	16	23	14	0	0	0	0	1	0	0	0	0	0	0	0	0	0
HAWKRIIDGE	9 9	314	-	8.4	-	-	-	-	3.6	29	-	-	183	136	31	8	23	18	0	0	0	0	0	0	0	0	1	0	1	4.78	-	-
NETTLECOMBE	9 9	96	18.5	8.6	13.5	-	22.9	30	3.4	20	16.9	-	94	-	22	13	13	9	0	0	0	0	1	0	0	0	0	0	0	0	0	0
NETTLECOMBE (BIRDS HILL)	9 9	280	16.5	(9.3)	(12.9)	-	21.3	30	2.6	2	-	-	115	-	25	13	17	13	0	0	0	0	1	0	0	0	0	0	0	0	0	0
RODNEY STOKE	9 9	40	18.5	11.1	14.8	-	23.8	30	5.8	28	16.9	16.1	135	143	21	16	17	15	0	0	0	0	2	2	0	0	0	0	0	0	0	0
WINCANTON	9 9	113	-	10.7	-	-	-	-	5.7	28	-	-	94	108	16	2	17	14	0	0	0	0	0	0	0	0	0	0	1	5.48	-	-
TEOYILTON	21-9	18	19.3	10.5	14.9	-	23.6	30	3.9	28	-	-	77	106	21	8	16	10	0	0	0	0	1	0	0	-	-	1	-	-	-	-
DORSET																																
BOURNEMOUTH																																
HURN AIRPORT	21-9	10	19.2	10.7	14.9	-	23.5	12	3.5	28	-	-	48	72	13	16	13	8	0	0	0	1	1	0	0	1	0	0	6.23	-	-	-
DORSET TECH COLLEGE	9 9	50	19.1	11.0	15.1	-	23.8	12	5.5	28	16.5	15.2	51	-	15	16	11	9	0	0	-	-	0	0	0	0	0	0	0	6.43	-	-
CHRISTCHURCH	9 9	4	18.7	11.8	15.3	-	22.8	12	5.5	28	-	-	47	72	16	8	11	9	0	0	0	0	1	0	0	0	0	0	0	0	0	0
POOLE	9 9	5	19.5	10.9	15.2	-1.4	24.5	12	4.6	28	17.3	-	51	80	13	8	13	9	0	0	0	0	1	2	0	2	0	0	6.31	97	-	-
PORTLAND BILL (COASTGUARD)	21-9	53	17.6	13.1	15.3	-0.8	19.5	3	9.7	26	-	-	43	-	14	16	10	7	0	0	0	0	0	2	0	0	0	0	3	7.14	-	-
SHARNAGE	9 9	11	18.4	12.3	15.3	-1.2	21.6	12	7.0	29	-	17.0	61	92	15	23	11	10	0	0	0	0	1	0	0	0	0	2	6.87	100	-	-
MEYNOUTH	9 9	23	19.0	12.1	15.5	-	22.5	11-12	7.3	28	-	-	55	-	15	16	12	9	0	0	0	0	0	0	0	0	0	0	0	6.87	103	-
WINFRITH	9 9	26	19.0	10.7	14.9	-	22.5	30	3.5	29	-	-	71	99	18	16	12	11	0	0	0	0	2	0	0	2	0	1	-	-	-	-
DEVON																																
CHAWLEIGH	9 9	168	17.9	10.2	14.1	-	21.5	12	3.5	28	15.8	-	127	-	25	16	23	16	0	0	0	0	0	0	0	1	0	0	5.15	-	-	-
EXETER AIRPORT	21-9	32	19.5	10.9	15.2	-0.8	23.5	12	4.8	29	-	-	66	96	18	16	14	6	0	0	0	0	0	0	0	0	0	0	0	5.47	96	-
EXMOUTH	9 9	59	18.5	11.9	15.2	-0.7	22.6	12	6.4	29	-	-	83	122	18	16	14	8	0	0	0	0	0	0	0	0	0	0	0	6.67	107	-
HARTLAND POINT	21-9	93	16.7	12.8	14.7	-0.8	21.2	30	10.2	16	-	-	89	108	18	16	17	14	0	0	0	0	0	1	0	0	0	3	5.40	89	-	-
HENYOCK	9 9	165	18.2	10.4	14.3	-	23.4	5	5.8	28	-	-	97	-	23	16	18	15	-	0	-	-	-	-	-	-	-	-	-	-	-	-
ILFRACOMBE	9 9	8	18.2	13.3	15.7	-	24.1	30	9.4	28	17.6	16.4	132	134	31	16	17	13	0	0	0	0	1	1	0	-	-	1	-	-	-	-
MELBURY	9 9	143	17.3	10.4	13.9	-	23.6	30	3.9	29	-	-	137	-	29	16	22	17	0	0	-	-	-	-	-	-	-	-	-	-	-	-
NEHAMPTON	9 9	372	16.0	10.1	13.1	-	21.4	30	7.4	23	-	-	140	-	29	16	19	16	0	0	0	0	0	3	0	0	0	0	0	0	0	0
PLYMOUTH																																
MOUNT BATTEN	21-9	27	18.1	12.3	15.2	-0.7	23.1	30	6.8	28	-	-	89	104	27	8	14	8	0	0	0	0	0	2	0	0	0	0	0	6.25	101	-
THE HOE	9 9	36	18.2	12.5	15.3	-1.0	22.2	30	7.8	28	17.1	16.6	82	99	26	8	13	8	0	0	0	0	0	1								



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

AUGUST 1979

DISTRICT REGION/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 8-8)	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	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																		
NORTHERN IRELAND																																		
LONDONDERRY																																		
AGHAKLOO ...	99	18	16.7	9.4	13.1	-	20.9	12	7.0	27.28	-	-	85	-	14	16	19	17	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
BANAGHER (CAUGH HILL) ...	99	216	16.3	8.7	12.5	-	20.0	30.31	5.0	30	-	-	165	-	23	13	22	19	0	0	0	0	1	0	0	0	0	0	0	0	0	4.12	-	
BOON HALL ...	99	37	17.5	10.0	13.7	-	20.5	29	8.0	8.9.22	-	-	102	-	15	22	23	18	0	0	0	0	2	0	0	0	0	0	0	0	0	-	-	
CARHONEY ...	99	73	16.4	9.7	13.1	-	21.0	30	7.4	27	-	-	80	-	14	22	21	16	0	0	0	0	0	0	0	0	0	0	0	0	0	4.30	-	
COLERAINE UNIVERSITY ...	99	23	16.4	9.5	12.9	-	22.3	12	5.8	28	14.7	13.2	125	-	18	16	22	18	0	0	0	0	2	0	0	0	0	0	0	0	0	91	-	
COOLKEERAGH ...	99	3	17.1	10.0	13.5	-	21.4	12	7.0	27	-	-	91	-	12	8	19	17	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
DERRYNOYD FOREST ...	99	88	17.1	9.1	13.1	-	21.7	30	4.8	28	-	-	141	133	23	16	20	18	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
GARYVAH FOREST ...	99	88	16.7	8.7	12.7	-	21.1	12	5.5	28	-	-	126	116	21	16	22	17	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
LOUGHMORE FOREST ...	99	174	16.2	8.2	12.2	-	20.4	30	2.9	28	-	-	133	132	17	16	24	21	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
MONEYDIO ...	99	34	17.3	9.2	13.3	-0.7	21.9	12	4.1	28	16.3	-	110	117	18	6	22	17	0	0	0	0	2	0	0	0	0	0	0	0	0	-	-	
TRAID POINT ...	99	16	17.4	9.3	13.3	-	21.6	12	4.7	30	-	-	140	-	21	16	17	16	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
ANTRIM																																		
ALDERGROVE AIRPORT ...	21-9	68	17.5	10.1	13.8	-0.5	22.2	12	5.2	27	15.5	13.7	112	124	19	16	21	14	0	0	0	0	1	0	0	0	0	0	0	0	0	4.59	104	
ALTRAHINCH ...	99	213	15.4	8.6	12.0	-	20.2	12.13	5.0	28	-	-	159	107	28	6	22	19	0	0	0	0	1	0	0	0	0	0	0	0	0	3.87	-	
BALLYLUNFORD ...	99	24	17.1	10.1	13.6	-	21.8	12	7.0	28	-	-	117	-	21	16	14	12	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
BALLYPATRICK FOREST ...	99	152	15.2	9.2	12.2	-	20.8	12	4.5	28	-	-	117	92	23	6	19	16	0	0	0	0	2	0	0	0	0	0	0	0	0	4.13	-	
CARNLOUGH ...	99	12	17.2	9.5	13.3	-	21.3	29	5.2	28	-	-	113	-	20	8	21	13	0	0	0	0	1	0	0	0	0	0	0	0	0	-	-	
DIVIS MOUNTAIN ...	99	363	14.8	7.4	11.1	-	20.0	12	3.2	27	-	-	183	153	36	16	21	21	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
GREENMOUNT ...	99	38	17.4	10.1	13.7	-	22.6	12	5.7	27	16.0	-	110	129	18	16	22	15	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
HYDE PARK (MALLUSK) ...	99	140	16.4	9.3	12.9	-	22.1	12	6.0	27	-	-	157	-	37	7	21	17	0	0	0	0	1	0	0	0	0	0	0	0	0	-	-	
KILROOT POWER STATION ...	99	12	17.3	9.9	13.6	-	21.7	12	5.3	28	-	-	129	-	31	6	17	14	0	0	0	0	0	0	0	0	0	0	0	0	0	4.59	-	
LISHAFILLAN ...	99	38	16.9	8.5	12.7	-	21.7	12	3.0	28	-	-	125	128	18	16	20	15	0	0	0	0	0	0	0	0	0	0	0	0	0	4.62	-	
LONTOWN ...	99	271	15.3	8.2	11.7	-	20.8	12	5.4	27	12.5	-	162	115	24	16	20	16	0	0	0	0	2	0	0	0	0	0	0	0	0	4.31	-	
PARKMORE FOREST ...	99	235	15.3	7.5	11.4	-	20.4	12	4.0	22	13.5	-	177	108	26	6	21	19	0	0	0	0	1	0	0	0	0	0	0	0	0	-	-	
WOODBURN NORTH ...	99	217	15.7	8.6	12.1	-	20.5	12	5.3	10	-	-	170	143	32	16	19	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
BELFAST																																		
ANDERSONSTOWN ...	99	64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
HALONE ...	99	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
HILLTOWN ...	99	37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
NEWTOWNROBBY ...	99	32	17.4	10.9	14.1	-	23.0	12	7.8	28	15.7	-	114	119	24	6	18	16	0	0	0	0	1	0	0	0	0	0	0	0	0	4.68	8	
ROSEBANK ...	99	47	16.2	10.2	14.2	-	23.1	12	6.5	27	-	-	125	-	23	6	16	14	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
ROSETTA ...	99	24	17.9	9.8	13.9	-	23.0	12	5.5	28	-	-	103	115	26	7	15	13	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
SHAM'S BRIDGE ...	99	15	18.0	9.7	13.9	-	23.6	12	3.3	28	-	-	101	-	21	6	20	14	0	0	0	0	1	0	0	0	0	0	0	0	0	-	-	
STORMONT CASTLE ...	99	56	17.1	9.7	13.4	-	22.5	12	7.0	22	-	14.5	116	131	28	6	17	15	0	0	0	0	0	1	0	0	0	0	0	0	0	4.49	-	
DOWN																																		
BANDOR SEACOURT ...	99	15	17.0	10.8	13.9	-	23.0	12	8.3	28	15.7	14.7	109	-	29	6	18	14	0	0	0	0	1	0	0	0	0	0	0	0	0	5.10	-	
BALLYWALTER PARK ...	-	11	-	-	-	-	-	-	-	-	-	-	116	130	24	6	21	15	0	0	0	0	0	0	0	0	0	0	0	0	0	5.33	-	
BALLYWATTCOCK ...	99	6	17.3	10.0	13.7	-	22.5	12	5.1	4	14.5	13.7	97	124	21	6	18	14	0	0	0	0	1	0	0	0	0	0	0	0	0	5.11	-	
BRYANSFORD ...	99	85	17.3	10.2	13.7	-	19.9	12	6.7	4	16.1	15.2	144	-	28	6	18	17	0	0	0	0	1	0	0	0	0	0	0	0	0	4.92	-	
DONPATRICK ...	99	26	17.7	10.0	13.9	-	22.3	12	5.2	4	-	-	133	-	27	5	16	14	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
HELENS BAY ...	99	43	17.7	10.4	14.1	-	22.5	12	7.5	28	-	-	124	148	28	6	16	14	0	0	0	0	1	0	0	0	0	0	0	0	0	4.71	-	
HILLSBOROUGH ...	99	116	16.7	9.1	12.9	-1.0	22.2	12	5.4	28	14.2	12.9	95	99	16	6	19	18	0	0	0	0	1	0	0	0	0	0	0	0	0	5.45	125	
LONG KESH ...	21-9	37	17.7	9.7	13.7	-	23.3	12	4.8	28	14.9	13.9	93	-	20	6	20	15	0	0	0	0	1	0	0	0	0	0	0	0	0	5.30	-	
LOUGH COMEY ...	99	10	16.5	9.2	12.9	-	21.0	12	5.5	4.27	-	-	130	-	28	6	14	11	0	0	0	0	1	0	0	0	0	0	0	0	0	5.15	-	
MAGHERALLY ...	99	97	17.5	8.2	12.9	-	22.9	12	2.2	4	-	-	102	-	21	6	21	19	0	0	0	2	3	0	0	0	0	0	0	0	0	-	-	
MURLOUGH ...	99	9	17.4	9.3	13.3	-	22.0	12	5.0	28	14.0	12.7	130	-	23	8	18	15	0	0	0	0	1	2	0	0	0	0	0	0	1	4.81	-	
NEWMY ...	99	1	17.9	10.3	14.1	-	23.6	12	4.4	4	-	-	122	-	21	12	20	16	0	0	0	0	1	1	0	0	0	0	0	0	0	4.81	-	
SILENT VALLEY ...	99	129	16.2	9.6	12.9	-	21.6	12	5.3	4	-	-	162	-	32	6	22	18	0	0	0	0	1	1	0	0	0	0	0	0	0	5.51	-	
DUBLIN																																		
ARRAH ...	99	62	18.0	9.6	13.8	-0.9	22.2	11	6.0	4.27.30	16.7	15.8	108	124	19	6	24	19	0	0	0	0	1	0	0	0	0	0	0	0	3.97	92		
LOUGHALL ...	99	25	17.8	9.6	13.7	-	22.2	12	4.8	30	-	-	106																					



TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

DISTRICT, REGION/COUNTY AND PLACE	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 PRESSURE (MB)	RELATIVE HUMIDITY (%)	OKTAS						VISIBILITY						BEAUFORT FORCE																		
									0	1-2	3-5	6-7	8	SKY OBSERVED	0-39 M	40-190 M	200-390 M	400-590 M	1000-1900 M	2000-3900 M	4-9 KM	10-19 KM	20-39 KM	40 KM AND OVER	SPEED (KT)					N	NE	E	SE	S	SW	W	NW		
																									NUMBER OF OBSERVATIONS														
																									14 OR MORE	15-21	22-33	34 OR MORE											
0 SCOTLAND N SHETLAND																																							
FAIR ISLE	61	9	1009.2	-	11.1	0.6	12.1	92	6.5	0	3	2	17	6	3	0	2	1	1	1	2	1	5	10	8	0	4	17	10	0	7	2	3	5	4	3	5	2	
		15	1009.3	-	11.5	0.7	12.4	91	6.4	0	4	3	11	12	1	0	0	0	0	0	1	6	3	10	6	0	5	18	8	0	4	1	2	3	5	4	3	5	
		21	1009.7	-	10.3	0.4	11.8	94	6.0	0	5	1	18	7	0	0	0	0	0	0	1	5	4	10	9	0	3	14	8	0	4	1	2	3	5	4	2		
LERNICK	83	3	1009.0	-	9.5	0.4	11.3	95	6.6	0	3	2	13	11	2	0	2	0	0	0	2	7	4	6	10	0	1	10	18	2	6	0	0	0	0	0	3	3	
		9	1009.2	-1.2	11.1	1.1	11.6	87	6.8	0	0	2	20	8	1	0	0	0	0	0	1	8	2	7	12	0	2	16	12	1	1	0	0	0	0	0	0	3	
		15	1009.4	-	11.8	1.3	11.9	85	6.4	0	1	6	14	10	0	0	0	0	0	0	2	5	1	9	10	0	1	19	11	0	0	0	0	0	0	0	0	2	
ORKNEY	26	3	1009.4	-	10.1	0.4	11.7	95	6.6	0	2	2	18	8	1	0	1	0	1	0	0	7	2	10	10	0	0	12	16	3	2	1	5	2	3	4	9	2	
		9	1009.4	-1.2	12.3	1.2	12.3	86	6.8	0	0	5	16	9	1	0	0	1	0	0	2	1	5	7	15	0	2	15	14	0	4	2	2	2	5	6	5		
		15	1009.5	-	13.2	1.5	12.5	83	6.8	0	1	2	20	8	0	0	0	0	0	0	1	9	7	14	0	1	16	14	0	4	1	2	3	5	8	2	3	5	
WESTERN ISLES	7	3	1009.0	-	11.1	0.6	12.3	93	6.3	0	4	3	13	11	0	0	0	0	0	0	1	4	5	13	8	0	2	12	17	0	7	2	2	3	5	5	7	0	
		9	1009.2	-1.4	12.7	1.1	12.8	87	6.2	0	2	9	9	11	0	0	0	0	0	0	4	1	5	10	11	0	2	15	14	0	4	2	2	3	5	10	4	6	
		15	1009.8	-	14.0	1.7	12.9	81	5.8	0	4	6	14	7	0	0	0	0	0	0	1	3	0	10	16	0	2	20	9	0	0	0	0	0	0	0	0	3	
STORNOWAY	5	3	1008.9	-	10.4	0.5	11.9	94	5.6	0	7	4	11	9	0	0	0	0	0	0	2	9	16	4	0	1	6	23	1	5	2	2	2	6	5	6	2		
		9	1009.1	-1.6	12.4	1.1	12.4	86	6.6	0	1	4	16	10	0	0	0	0	0	0	1	4	2	13	10	0	0	13	18	0	2	2	2	2	7	4	5	2	
		15	1009.2	-	13.4	1.8	12.3	80	6.4	0	1	8	12	10	0	0	0	0	0	0	0	5	2	12	12	0	1	17	13	0	4	4	1	7	2	6	4	3	
HIGHLAND	113	3	1008.5	-	10.5	0.4	12.1	95	6.8	0	1	5	10	11	4	1	1	1	1	0	0	2	15	10	0	6	2	22	1	2	3	3	3	4	7	5	3		
		9	1009.0	-	10.9	0.3	12.6	96	7.2	0	0	1	15	12	3	0	0	0	0	0	0	2	4	13	9	0	2	7	22	0	0	0	0	0	0	0	0	2	
		15	1009.0	-	11.8	0.5	13.0	93	6.6	0	0	7	11	9	4	0	0	0	0	0	1	2	13	11	0	4	4	23	0	0	0	0	0	0	0	0	0	0	
DALCROSS	12	9	1009.4	-	12.8	1.4	12.4	84	6.9	0	1	2	19	9	0	0	0	0	0	0	0	5	2	15	9	0	1	7	23	0	2	3	1	0	3	16	2	4	
		15	1009.2	-	15.3	2.5	12.8	73	6.6	0	0	6	20	5	0	0	0	0	0	0	1	1	4	12	13	0	0	7	24	0	3	9	1	0	2	11	3	2	
		21	1009.6	-	10.8	0.3	12.5	97	7.1	0	0	2	15	12	2	0	0	0	0	0	1	2	16	10	0	4	5	22	0	0	0	0	0	0	0	0	0	3	
WICK	37	3	1009.1	-	10.2	0.7	11.4	92	6.6	0	1	2	22	4	2	0	1	1	0	0	2	3	6	8	10	0	0	6	24	1	3	1	5	3	8	3	4	3	
		9	1009.1	-1.7	12.2	1.4	11.9	84	6.7	0	0	3	23	5	0	0	0	0	0	0	1	4	6	9	11	0	0	13	18	0	5	2	4	3	4	1	3	5	
		15	1009.2	-	13.2	1.8	12.1	80	6.5	0	1	4	23	3	0	0	0	0	0	0	1	2	3	13	12	0	0	13	18	0	1	7	3	4	7	1	3	5	
1 SCOTLAND E GRAMPIAN	59	3	1009.6	-	10.0	0.5	11.6	94	6.3	1	3	2	15	8	2	0	0	1	3	4	0	4	7	9	3	0	3	18	10	3	2	0	1	4	0	5	6		
		9	1009.7	-1.7	13.0	1.4	12.7	84	6.7	0	0	5	18	8	0	0	0	0	0	1	3	6	4	10	7	0	0	7	21	3	4	0	2	2	9	4	1	6	
		15	1009.6	-	14.9	2.2	13.0	77	6.5	0	1	3	22	5	0	0	0	0	0	1	1	5	6	11	7	0	0	10	21	0	5	1	5	4	8	1	4	3	
FRASERBURGH	22	3	1009.4	-	11.3	0.8	12.0	89	6.1	1	3	5	8	12	2	0	1	1	0	0	0	0	13	16	0	0	10	21	0	3	2	1	7	4	5	6	3		
		9	1009.6	-1.7	13.0	1.3	12.7	85	6.4	0	1	9	8	12	1	0	0	0	0	0	1	13	15	1	0	1	11	18	1	1	3	3	5	3	5	7	4		
		15	1009.7	-	13.7	1.5	12.9	83	6.8	0	0	5	10	15	1	0	1	0	0	0	0	0	0	8	22	0	0	14	17	0	1	2	7	2	5	2	4	8	
KINLOSS	6	3	1009.3	-	10.7	0.9	11.5	89	6.3	0	2	7	15	7	0	0	0	0	0	0	1	3	4	15	7	0	0	4	27	0	1	6	1	7	10	4	1	2	
		9	1009.5	-1.6	13.4	1.8	12.2	79	6.7	0	0	4	18	9	0	0	0	0	0	0	0	0	7	2	11	0	1	9	21	0	7	0	3	1	7	8	2	4	
		15	1009.3	-	15.3	2.6	12.8	73	6.2	0	1	6	21	3	0	0	0	0	0	0	0	0	3	10	15	0	1	11	19	0	8	4	3	0	3	6	5	4	
LOSSIEMOUTH	6	3	1009.1	-	10.5	0.9	11.4	89	6.0	0	1	9	15	6	0	0	0	0	0	0	1	2	5	13	10	0	0	5	22	4	3	1	5	3	3	7	5	0	
		9	1009.2	-	13.4	1.9	12.2	79	6.9	0	0	4	21	6	0	0	0	0	0	0	0	0	5	10	11	0	0	12	19	0	3	2	1	5	3	5	9	3	
		15	1009.1	-	14.9	2.4	12.1	74	6.3	0	2	3	21	5	0	0	0	0	0	0	0	0	2	5	7	17	0	1	12	18	0	3	4	1	3	5	6	5	
TRYSIDE	35	9	1010.1	-	12.1	1.2	12.2	86	6.1	0	3	3	21	4	0	0	0	0	0	0	0	1	3	3	9	15	0	0	7	23	1	0	2	10	5	1	4	5	3
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
		21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
FIFE																																							
LEUCHARS	12	3	1009.6	-	10.4	0.5	11.9	93	6.0	0	3	9	8	11	0	0	0	2	0	0	1	4	9	9	6	0	0	2	24	5	1	2	2	1	2	10	6	3	
		9	1009.8	-1.7	13.7	1.8	12.6	80	6.2	0	0	9	14	8	0	0	0	0	0	0	0	2	6	3	8	12	0	0	7	24	0	3	3	1	4	9	5	3	
		15	1009.7	-	15.7	2.4	13.4	75	6.5	0	1	4	20	5	1	0	0	0	0	0	0	0	3	7	7	13	0	0	10	21	0	1	4	11	0	5	7	3	
LOTHIAN	44	3	1009.9	-	10.8	0.9	11.6	88	6.1	0	5	3	13	9	1	0	1	0	0	0	0	1	4	5	14	5	0	0	4	24	3	1	4	3	0	3	12	6	1
		9	1010.3	-1.6	13.6	1.8	12.4	79	6.5	0	0	3	4	15	9	0	0	0	0	0	0	0	0	3	7	8	12	0	0	9	22	0	3	4	3	0	5	6	7
		15	1010.0	-	16.5	3.3	12.6	68	6.5	0	0	5	22	4	0	0	0	0	0	0	1	0	0	3	7	8	12	0	0	9	22	0	3	4	3	0	5	6	7
6 SCOTLAND W STRATHCLYDE	9	3	1009.7	-	10.6	0.6	11.9	92	6.3	0	1	7	15	8	0	0	0	0	0	0	1	2	7	7	11	3	0	4	25	2	1	3	4	1	2	6	11	1	
		9	1010.1	-1.8	13.7	1.6	12.9	82	6.5	0	1	4	20	6	0	0	0	0	0	0	0	1	6	11	6	7													



TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

AUGUST 1979

[illegible]







TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

AUGUST 1979

DISTRICT, REGION/COUNTY AND PLACE	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 C)	VAPOUR PRESSURE (Hb)	RELATIVE HUMIDITY (%)	OKTAS					0 - 39 M	40 - 190 M	200 - 390 M	400 - 990 M	1000 - 1900 M	2000 - 3900 M	4 - 9 KM	10 - 19 KM	20 - 39 KM	40 KM AND OVER	BEAUFORT FORCE					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	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.			-CONTD.																																																																					
KENT																																																																								
DUNGENESS	7	3	1013.7	-	-	-	-	4.3	6	6	5	4	8	2	0	2	0	0	0	6	6	15	0	0	1	10	16	4	1	0	0	1	0	1	0	3	5	13	4	4																																
		9	1013.9	-	16.0	1.4	15.5	6.1	0	3	7	12	9	0	0	0	0	0	0	11	7	12	0	0	0	3	11	16	1	4	0	2	1	0	2	3	5	7	13	4																																
		15	1014.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																																	
		21	1014.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																																	
WAINSTON	45	3	1013.5	-	13.0	0.6	14.0	93	4.8	2	6	6	12	5	0	0	0	0	0	2	2	9	4	14	0	0	0	8	23	0	3	0	0	1	6	12	4	5	8	13	4																															
		9	1013.7	-	15.9	1.8	14.7	81	6.1	0	3	4	16	8	0	0	0	0	0	3	10	8	6	4	0	0	1	9	21	0	2	0	0	3	7	6	5	8	13	4																																
		15	1013.6	-	18.3	3.3	14.5	69	5.5	0	5	7	17	2	0	0	0	0	0	11	9	7	4	0	0	1	14	16	0	4	1	1	5	7	6	4	3	8	13	4																																
		21	1014.5	-	14.3	1.1	14.3	88	5.0	0	7	8	11	5	0	0	0	0	0	3	8	6	13	1	0	0	8	23	0	3	1	1	1	3	5	13	4	1	1	1	1																															
HAMPSHIRE																																																																								
SOUTHAMPTON	9	3	1013.9	-	13.1	0.8	13.8	91	4.6	5	5	6	6	9	0	0	0	0	0	8	11	11	0	0	0	2	27	2	1	2	0	0	3	6	13	4	4	4	4	4																																
		9	1014.3	-	16.0	2.3	14.0	77	5.5	1	6	3	13	8	0	0	0	0	1	0	8	6	10	0	0	4	27	0	1	0	3	0	4	5	11	7	11	7	11	7																																
		15	1014.4	-	18.6	3.9	13.6	64	5.6	1	3	8	14	5	0	0	0	0	0	1	7	21	2	0	0	10	21	0	1	0	2	1	3	11	8	5	11	7	11	7																																
		21	1015.0	-	15.5	1.7	14.4	82	5.6	0	7	3	14	7	0	0	0	0	0	4	12	13	2	0	0	2	28	1	1	1	0	0	4	4	18	2	2	2	2	2	2																															
WEST SUSSEX																																																																								
GATWICK	60	3	1014.0	-	11.0	0.4	12.8	95	4.9	4	5	5	9	8	0	0	0	1	3	2	5	10	5	5	0	0	3	19	9	1	0	1	0	3	12	1	4	4	4	4																																
		9	1014.2	-0.7	15.5	1.8	14.4	81	5.6	1	3	9	10	8	0	0	0	0	0	1	8	9	6	6	0	0	8	23	0	1	2	0	2	0	2	10	6	8	13	4																																
		15	1014.0	-	18.3	3.6	13.9	67	5.7	0	2	8	20	1	0	0	0	0	0	1	3	11	8	0	0	1	13	16	1	2	1	0	2	3	11	8	5	11	7	11	7																															
		21	1015.0	-	13.7	1.0	14.0	88	5.0	2	4	8	14	3	0	0	0	0	0	2	13	10	6	0	0	0	2	27	2	0	0	1	2	6	13	4	3	3	3	3																																
EAST SUSSEX																																																																								
HERSTMONCEUX	28	3	1014.0	-	12.0	0.3	13.6	96	4.2	6	5	8	6	6	0	0	0	1	3	5	6	6	9	0	0	0	3	27	1	9	1	0	0	3	7	6	4	4	4																																	
		9	1014.3	-	15.8	1.4	15.3	85	5.7	0	2	9	17	3	0	0	0	0	1	3	3	11	8	5	0	0	4	26	1	1	0	1	2	0	6	15	5	5	5																																	
		15	1014.4	-	17.6	3.0	14.4	72	6.1	0	1	6	22	2	0	0	0	0	0	0	2	11	11	7	0	1	9	21	0	1	0	3	0	3	15	7	2	2	2	2																																
		21	1015.1	-	13.5	0.7	14.3	92	5.0	2	5	8	10	6	0	0	0	0	0	4	6	11	8	2	0	0	2	27	2	5	3	0	1	1	10	8	1	1	1	1																																
7A ENGLAND NW & I.O.M.																																																																								
CUMBRIA																																																																								
CARLISLE	28	3	1010.5	-	11.6	0.6	12.7	92	6.1	0	4	5	14	8	0	0	0	0	0	0	7	13	11	0	0	0	30	1	0	5	5	0	5	6	7	2	2	2	2																																	
		9	1011.0	-1.5	14.1	1.7	13.1	81	6.0	0	2	9	13	7	0	0	0	0	0	0	1	7	6	11	6	0	5	26	0	1	5	3	1	4	7	9	1	1																																		
		15	1010.9	-	16.7	2.9	13.6	71	6.3	0	0	7	20	4	0	0	0	0	0	0	1	6	15	9	0	0	8	23	0	0	0	3	1	8	12	4	4	4	4																																	
		21	1011.6	-	13.2	1.2	13.2	87	6.2	0	2	5	19	5	0	0	0	0	0	0	0	6	9	15	1	0	0	3	27	1	2	1	4	1	6	8	6	2	2	2																																
LANCASHIRE																																																																								
AUGHTON	56	3	1011.4	-	12.3	0.8	12.9	90	6.1	1	4	3	13	10	0	0	0	0	0	1	4	8	17	1	0	0	4	23	4	1	2	1	4	8	0	6	5	5	5																																	
		9	1011.9	-	14.2	1.8	13.1	81	6.3	0	3	5	14	9	0	0	0	0	0	0	3	4	5	13	6	0	8	22	1	3	1	1	4	6	4	6	3	3	3																																	
		15	1012.2	-	16.6	3.2	13.0	69	6.0	0	2	9	14	6	0	0	0	0	0	0	6	2	14	9	0	0	11	19	1	0	0	1	2	3	2	15	8	4	4																																	
		21	1012.6	-	13.5	1.3	13.2	85	5.8	0	1	12	13	5	0	0	0	0	0	0	2	2	8	17	2	0	0	6	17	8	0	1	1	2	3	4	8	4	4																																	
SQUIRES GATE	11	3	1011.0	-	12.9	1.0	13.3	88	6.0	1	2	7	12	9	0	0	0	0	0	3	3	11	11	2	0	0	15	16	0	2	1	4	4	3	2	11	4	4	4																																	
		9	1011.6	-1.5	14.8	1.8	13.7	81	6.3	0	1	7	15	8	0	0	0	0	0	0	6	7	13	5	0	0	16	15	0	3	2	2	6	5	9	2	2	2																																		
		15	1012.1	-	16.9	2.6	14.3	74	5.8	0	2	7	18	4	0	0	0	0	0	0	2	4	14	11	0	1	19	11	0	0	0	1	1	6	10	12	4	4	4																																	
		21	1012.2	-	14.3	1.3	13.9	85	6.1	0	1	8	18	4	0	0	0	0	0	0	5	9	16	1	0	1	15	14	1	1	2	1	3	2	3	10	8	4	4																																	
GREATER MANCHESTER																																																																								
MANCHESTER	42	3	1011.6	-	13.0	1.4	12.6	84	6.1	0	1	9	12	9	0	0	0	0	0	1	2	9	14	5	0	0	2	28	1	2	1	2	0	7	7	8	1	1	1																																	
		9	1012.1	-	14.8	2.7	12.0	71	6.2	0	3	6	16	6	0	0	0	0	0	0	1	12	9	5	4	0	9	22	0	4	2	0	7	10	5	7	3	3																																		
		15	1012.1	-	17.5	4.3	11.9	60	6.3	0	1	5	17	8	0	0	0	0	0	0	1	4	10	11	5	0	9	22	0	0	0	1	0	5	6	13	3	3	3																																	
		21	1012.7	-	15.0	2.3	12.9	76	6.3	0	1	6	19	5	0	0	0	0	0	0	1	4	12	12	2	0	0	3	27	1	2	1	3	1	2	9	9	3	3																																	
RINGWAY	84	3	1011.8	-	12.4	0.8	13.1	90	6.3	0	2	6	13	10	0	0	0	0	2	5	8	8	8	0	0	0	6	25	0	1	1	2	1	15	4	5	2	2	2																																	
		9	1012.2	-1.1	14.6	2.0	13.1	78	6.0	0	2	8	18	3	0	0	0	0	0	1	8	10	12	0	0	0	14	17	0	1	2	0	12	4	7	3	3	3																																		
		15	1012.3	-	17.3	3.8	12.6	64	6.2	0	3	4	17	7	0	0	0	0	0	0	3	12	11	5	0	0	17	14	0	1	0	1	2	3	8	11	5	5																																		
		21	1012.9	-	14.5	1.8	13.3	80	5.7	0	3	8	14	6	0	0	0	0	0	0	6	14	11	0	0	0	4	27	0	1	1	2	1	8	8	10	0	0																																		
ISLE OF MAN																																																																								
POINT OF AYRE	9	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																																			
		9	1011.5	-0.9	14.5	1.9	13.3	80	6.6	0	0	6	13	12	0	0	0	0	0	1	1	6	15	8	0	0	19	11	1	2	3	1	2	3	7	9	3	3																																		
		15	1011.8	-	16.4	2.8	13.5	73	6.2	0	1	7	14	9	0	0	0	0	0	0	1	5	17	8	0	1	18	12	0	0	1	2	2	3	7	10	6	6																																		
		21	1012.0	-	13.4	1.4	13.1	84	5.9	0	2	10	7	12	0	0	0	0	0	0	0	2	5	11	13	0	1	14	14	2	1	1	1	4	3																																					







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

AUGUST 1979

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	1	23	7	0	CAMBRIDGE BOTANIC GARDENS	0	0	0	0	14	15	2	0	0	0	0	0	0	1	9	18	3
LERWICK (SCREEN)	0	0	0	29	2	0	0	0	0	0	0	0	0	1	22	8	0	EDDABASTON	0	0	0	1	22	8	0	0	0	0	0	0	0	10	19	2
STORNOWAY	0	0	0	24	7	0	0	0	0	0	0	0	0	0	20	11	0	KEM (PSYCHROMETER)	0	0	0	0	14	17	0	0	0	0	0	0	2	13	12	4
CRAIBSTONE	0	0	0	13	15	3	0	0	0	0	0	0	0	0	22	9	0	KEM (NORTH-WALL SCREEN)	0	0	0	0	14	17	0	0	0	0	0	1	6	19	5	
ROTHESAY	0	0	0	6	25	0	0	0	0	0	0	0	0	0	21	10	0	HASTINGS	0	0	0	1	28	2	0	0	0	0	0	0	5	22	4	
ABBOTSINCH	0	0	0	1	27	3	0	0	0	0	0	0	4	13	14	0	SOUTHAMPTON	0	0	0	1	15	15	0	0	0	0	0	0	0	9	18	4	
ESKDALEMUIR (PSYCHROMETER)	0	0	0	13	17	1	0	0	0	0	0	1	5	16	9	0	RINOWAY	0	0	0	2	21	8	0	0	0	0	0	0	0	10	18	3	
ESKDALEMUIR (SCREEN)	0	0	0	11	19	1	0	0	0	0	0	1	5	15	10	0	VALLEY	0	0	0	0	30	1	0	0	0	0	0	0	0	3	28	0	
DOUGLAS	0	0	0	7	24	0	0	0	0	0	0	0	0	12	19	0	RHOOSE	0	0	0	2	23	6	0	0	0	0	0	0	0	13	16	2	
BOULMER	0	0	0	10	17	4	0	0	0	0	0	0	1	16	14	0	FALMOUTH	0	0	0	0	30	1	0	0	0	0	0	0	0	2	26	3	
HULL	0	0	0	1	16	14	0	0	0	0	0	0	0	11	16	4	ALDERGROVE	0	0	0	2	25	4	0	0	0	0	0	0	0	17	13	1	
DORLESTON	0	0	0	0	20	11	0	0	0	0	0	0	0	4	24	3	ARMADON	0	0	0	2	23	6	0	0	0	0	0	0	0	18	12	1	

TABLE 6 SUMMARY OF AUTOGRAPHIC RECORDS OF WIND

AUGUST 1979

DISTRICT REGION/COUNTY AND PLACE		HEIGHT OF VANE IN METRES	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					6-10 KT					LESS THAN 6 KT															
				ABOVE MSL					ABOVE GROUND					EFFECTIVE					HOURLY WIND					DUST															
				DATES OF OCCURRENCE					NUMBER OF HOURS					NUMBER OF DAYS					NUMBER OF HOURS					HOURS OF NO RECORD															
		ABOVE MSL	ABOVE GROUND	EFFECTIVE																																			
		ABOVE MSL	ABOVE GROUND	EFFECTIVE																																			
		ABOVE MSL	ABOVE GROUND	EFFECTIVE																																			
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		ABOVE MSL																																					



TABLE 6 SUMMARY OF AUTOGRAPHIC RECORDS OF WIND

DISTRICT REGION/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		5-10 KT		LESS THAN 5 KT		HOURS OF NO RECORD		MEAN HOURLY WIND SPEED (KT)				HIGHEST VALUES																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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				ABOVE MSL	ABOVE GROUND	EFFECTIVE	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 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HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF 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TABLE 3 ADDITIONS AND CORRECTIONS

YEAR MONTH STATION			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	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														
1979	JAN	KEITH																														
		SCARBOROUGH		-2.0	0.5			8								(8)		21	16													
		LYNEHAM																														
		BUDE														18	22															
	FEB	NEWQUAY		0.8																												
		SILPHO MOOR																														
		SKEGNESS		-0.4														11	9													
		ILKLEY																														
		MARGATE											48	114																		
		SEAHOUSES																														
		NEWCASTLE																														
		WEATHER CENTRE																														
		TYNEMOUTH																														
		WASHINGTON											75	205	26	28																
		WIDDYBANK FELL																														
		LEEMING																														
		MALHAM TARN				-1.5																										
		SILPHO MOOR																														
		SNAILZEHOLME																														
		WHITBY (COASTGUARD)		1.7														24	21													
		CLEETHORPES																15	9													
		CRANWELL																														
		WADDINGTON	7.3		4.4	-1.0						2.7																				
		GORLESTON																														
		CAMBRIDGE BG	8.3				17.1	25	-1.5	18																						
		CAMBRIDGE NIAB	8.4	1.8																												
		MARCH			5.1																											
		MARHOLM																														
		WITTERING																														
		HONINGTON																														
		CLACTON-ON-SEA																														
		ILKLEY				-1.0																										
		PONTEFRAC	7.4	1.5	4.5	-0.7	12.6	11.25	-1.4	24																						
		BARBROOK		-0.8	2.3																											
		HAMPTON LODGE		1.7	4.7																											
		OSWESTRY			4.0	-1.1																										
		STRATFORD-UPON-AVON																														
		LYONSHALL																														
		PRESTON WYNNE																														
		CHELTENHAM		1.7																												
		SOUTHGATE				-1.0																										
		VENTNOR	8.1	2.0	5.1	-1.4	11.0	25	-1.5	23	5.9	6.3	89	198	13	3	23	17	2	0	0	0	0	0	6							
		ROGATE	8.8		5.2			25			5.4					8																
		BWLCHWYN																														
		CARMARTHEN						10.11.25																								
		ORIELTON																														
		BATH																														
		NETTLECOMBE																														
		NETTLECOMBE																														
		(BIRDS HILL)		0.9	3.6																											
		WINCANTON			(4.4)																											
		HEMYOCK																														
		ILFRACOMBE																														
		TEIGNMOUTH																														
		CAMBORNE																														
		CULROSE																														
		GWENNAP HEAD																														
		NEWQUAY	8.8	4.1																												
		ST MAWGAN																														
		SCILLY (ST MARYS)	9.7		7.5	-1.0																										
		JERSEY ST HELIER																														
		COLERAINE	7.2	1.5	4.3		13.2	2	-3.8	23	4.4	5.3	75		11	24	21	16	19	4	0	13	1	0	6	20						
		DERRYNOYD FOREST																														
		LOUGHMORE FOREST																														
		ROSETTA	7.6	1.1	4.3		12.5	2	-3.5	24																						
		ALTAVEEDAN	6.6	-0.4	3.1		10.0	31	-6.1	23																						

(X) URBAN ROOFTOP SITE



# MONTHLY WEATHER REPORT

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

SEPTEMBER 1979

VOLUME 96

NUMBER 9

## Changeable in north-west, but mostly dry and sunny elsewhere.

Between the 1st and 3rd a complex low-pressure system moved slowly north-eastwards from west of Scotland to the Norwegian Sea with fronts crossing all parts of the British Isles. A ridge from an anticyclone over Biscay then moved slowly across southern areas as the high-pressure centre transferred eastwards over Europe. Further fronts crossed the British Isles from the Atlantic between the 5th and 9th followed by a ridge of high pressure which persisted over southern areas until the 11th.

On the 12th a deepening depression moved from west of Scotland to the Shetlands with associated fronts crossing all areas. An anticyclone then moved slowly eastwards across the British Isles followed by further frontal systems which made erratic progress southwards between the 16th and 19th. During the 20th a deep depression moved north-eastwards across Scotland leaving a cold north-westerly airstream over the British Isles. Throughout the next week a succession of ridges and frontal systems crossed all areas from the west, but during the 27th an anticyclone moved over England and Wales from the Atlantic and then continued to dominate the weather until the end of the month. However, on the 30th fronts from the Atlantic began to encroach into south-western districts as the centre of high pressure was transferred slowly northwards.

### Weather

Changeable weather affected north-western parts of the United Kingdom for most of the month. Periods of rain or showers, and a few scattered thunderstorms, occurred from time to time but areas away from the north-west were often dry and sunny. Many places in the sunnier areas were also quite warm at times during the first half of the month, but daytime temperatures then became generally lower for the rest of the month and the period from the 20th to 22nd was particularly cool. Night frosts occurred in many areas during the latter half of the month. For a few days from the 27th the weather became more settled generally although rain and drizzle spread to parts of south-west England during the 30th.

### Wind

Winds were frequently fresh or strong in exposed western and northern areas with gales occurring during the second and third weeks of the month. Early on the 13th, during severe north-westerly gales around the northern coasts of Scotland, a gust of 70 kt was recorded at Sumburgh in Shetland. Away from the west and north, however, winds were generally lighter throughout the month. Directions were mostly between south-west and north-west, but were south-easterly at times during the first week and again during the last few days of the month.

### Temperature

In a few widely scattered areas in England and Scotland monthly mean temperatures were above average, but elsewhere in the United Kingdom mean temperatures were around or below average. In eastern Scotland, northern and eastern England, much of the Midlands and in parts of Northern Ireland values were not more than 0.5 °C below normal. In remaining areas values were mostly between 0.5 and 1.0 °C below normal, but a few places in southern England, the Channel Islands and Shetland Isles recorded values of more than 1.0 °C below normal.

Temperatures during the first half of the month were very variable, with some warm days, particularly in southern and eastern England and in eastern Scotland. The highest temperatures occurred on the 6th when a number of places in eastern England and the Greater London area recorded maxima of at least 26 °C. From mid-month onwards daytime temperatures were generally lower and frosts occurred several nights; at Dalwhinnie in the Highland Region of Scotland the temperature fell to -6.1 °C on the night of 14th/15th.

### Rainfall

Over north-west Scotland, Orkney, Shetland and small areas in North Yorkshire and Co Tyrone monthly rainfall totals were above average. The Shetland Isles were very wet with more than twice the normal rainfall for the month being recorded at Baltasound. Elsewhere in the United Kingdom totals were well below average with less than 50 per cent of normal in many areas and below 25 per cent in some places in south-east Scotland, north-east Wales and in parts of southern and eastern England.

In northern and north-western areas of the United Kingdom periods of rain or showers occurred from time to time throughout the month, but away from the north-west the frequency of rainfall decreased sharply. In the north-west of Scotland 25 or more "rain days" (days with 0.2 mm of rain or more) were reported at many places during the month, but in contrast, less than 6 "rain days" occurred in parts of south and south-east England.

### Sunshine

Sunshine totals were above average over most of the United Kingdom with many places in central and

eastern districts recording more than 125 per cent of their normal for the month. At St Andrews in Fife the total of 175.7 hours of sunshine was the highest in any September since records began there in 1913. Only in northern parts of the Shetlands, the Hebrides, western counties of Northern Ireland, the Isle of Man and southern coastal areas of Devon and Cornwall were sunshine totals a little below average with values mostly between 90 and 100 per cent of normal.

Despite the rather changeable nature of the weather throughout the month, all areas enjoyed sunny days from time to time. These were most marked in areas away from the north-west during the brief anticyclonic spells towards the end of the first week, around mid-month and again during the last week.

### Fog

Patches of overnight fog in inland areas were reported at times throughout the month, mostly in England and Wales, but always cleared quickly after sunrise. Hill and coastal fog also occurred from time to time, particularly around the coasts of northern Scotland and in south-western areas of England. On the 9th northern and western parts of England and Wales were also affected and in some north-eastern coastal areas of England fog persisted during the day.

### Miscellaneous Phenomena

Three waterspouts were observed off Great Yarmouth on the 21st. Another waterspout was seen off Walton-on-the-Naze on the 22nd and on the same day three more were reported in the Straits of Dover, one of which was estimated to have been drawing a column of water 20 feet in diameter to a height of 200 feet.

Table 1 District values

District	air temperature °C					mean 30-cm earth temp °C	rain- days	rainfall	sun- shine
	Highest Max*	Lowest Min*	max.	min.	mean				
			difference from average						
0 Scotland N	22.7	−0.5	−0.6	−1.0	−0.8	−0.6	+3	103	115
1 Scotland E	21.8	−2.4	0.0	−0.5	−0.2	+0.1	−2	46	133
2 England E & NE	26.3	−1.6	+0.4	−0.7	−0.1	+0.3	−3	51	132
3 East Anglia	26.4	1.9	+0.3	−0.5	−0.1	−0.2	−5	38	127
4 Midland Counties	25.4	−0.1	0.0	−0.8	−0.4	0.0	−5	41	129
5 England SE & Central S	25.2	0.9	−0.2	−0.9	−0.5	−0.4	−6	30	124
6 Scotland W	21.0	−2.1	−0.7	−0.6	−0.7	0.0	+3	91	120
7 England NW & Wales N	22.5	−1.2	−0.6	−0.4	−0.5	−0.3	−1	67	110
8 England SW & Wales S	22.9	1.4	−0.5	−0.8	−0.7	−0.1	−4	50	109
N Ireland	20.4	0.0	−0.5	−0.6	−0.6	+0.2	−1	70	100
Scotland	22.7	−2.4	−0.4	−0.7	−0.6	−0.2	+1	80	123
England & Wales	26.4	−1.6	−0.1	−0.7	−0.4	−0.1	−4	46	122

\*Highest maximum and lowest minimum of District Value Stations



# RAINFALL (in millimetres)

## SEPTEMBER 1979

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

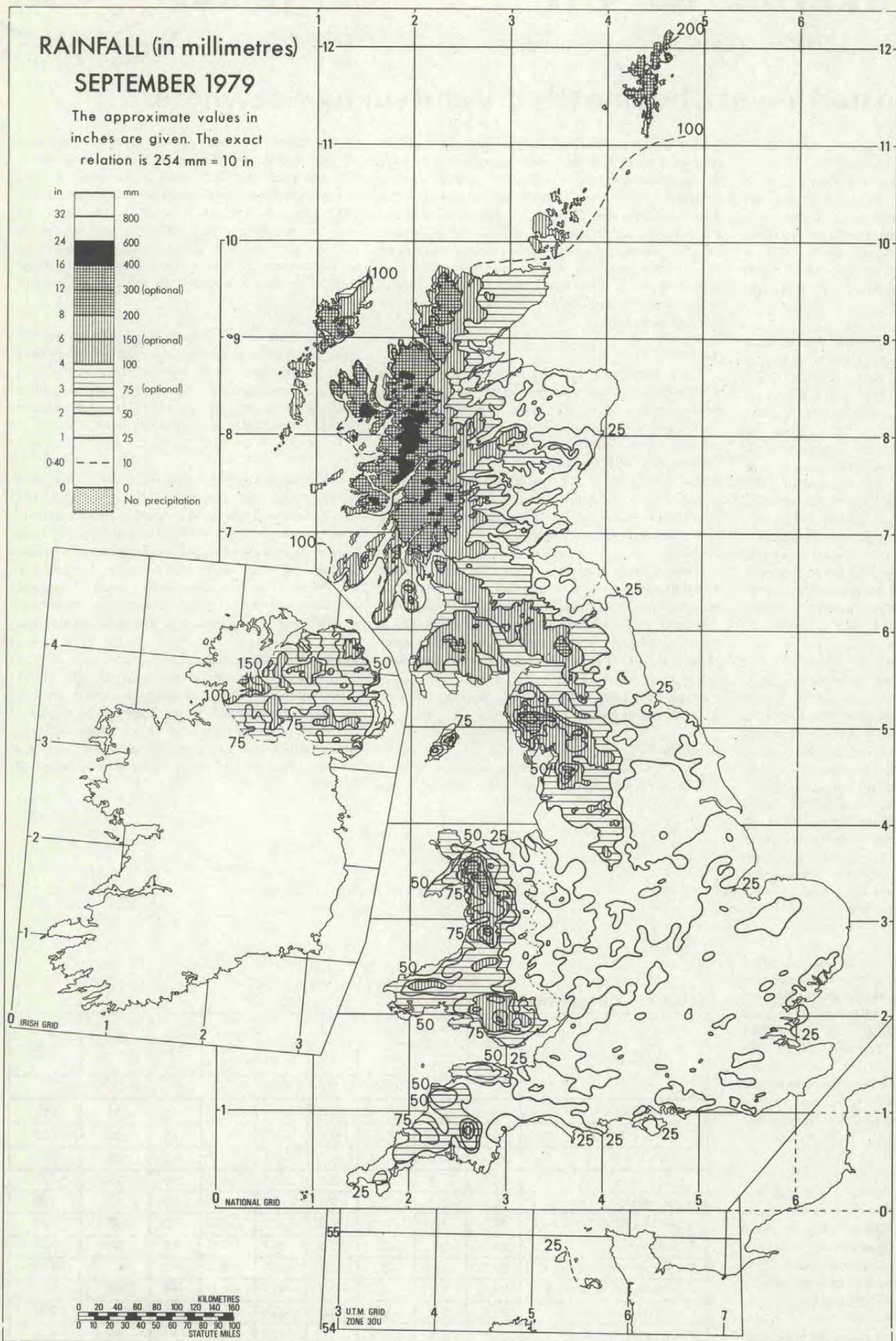
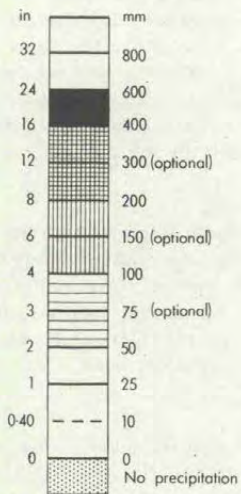








TABLE 2 SOLAR RADIATION

SEPTEMBER 1979

STATION	DAILY GLOBAL IRRADIATION ON A HORIZONTAL SURFACE (MEGAJOULES PER SQUARE METRE)						DAILY DIFFUSE IRRADIATION ON A HORIZONTAL SURFACE (MEGAJOULES PER SQUARE METRE)					
	MAX.	DATE	MIN.	DATE	DAILY MEAN	NO. OF DAYS	MAX.	DATE	MIN.	DATE	DAILY MEAN	NO. OF DAYS
LERWICK	15.4	3	1.1	1	8.1	29	7.9	27	1.1	1	5.2	29
ABERDEEN UNIVERSITY	16.9	11	4.0	25	10.5	30						
ESKDALEMUIR	15.9	15	1.3	25	8.5	30	8.1	5.7	1.3	25	5.2	30
MOOR HOUSE												
SUTTON BONINGTON												
GRAHAM WATER												
ABERPORTH	16.7	13	2.6	26	11.0	25	9.4	14	2.7	26	6.1	25
CARDINGTON	18.7	5	3.5	19	11.9	30	10.3	8	3.0	28	6.2	30
SILSOE	17.9	5	2.9	19	12.1	30	9.9	8	2.8	19	5.9	30
ROTHAMSTED												
GARSTON	18.3	5	3.2	19	11.8	30						
MALLINGFORD	18.0	5	2.8	19	11.2	30						
LONDON WEATHER CENTRE												
KEM	18.3	5	2.3	19	12.2	28	11.2	24	2.4	19	6.7	28
EASTHAMPTON												
EAST MALLING	18.0	5	2.5	18	12.7	30						
RUSTINGTON												
WAREHAM	19.2	20	3.0	18	11.9	30						
JERSEY AIRPORT	22.7	2	5.8	25	13.5	30	11.1	12	3.6	16	6.8	30
ALDERGROVE	17.1	9	2.8	30	9.3	30	8.7	5	2.8	30	5.8	30

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

SEPTEMBER 1979

DISTRICT REGION/COUNTY AND PLACE	MAX. TERMINAL H (GMT)	MIN. TERMINAL H (GMT)	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C								MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL H 09 GMT)		WEATHER (NUMBER OF DAYS)										BRIGHT SUNSHINE						
				MEANS OF		DAILY MEAN (MEAN OF A-B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY 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	DRASS 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																																
SHEILAND																																
BALASOUND ...	9.9	24	11.7	6.6	9.1	-1.6	17.0	5	1.9	29	9.9	-	223	210	32	12	28	21	1	0	0	0	0	0	0	0	0	0	0	8	2.54	82
FAIR ISLE ...	9.9	57	11.8	8.5	10.1	-	15.9	5	3.8	14.15	10.2	10.1	88	-	8	16	25	21	0	0	2	2	0	2	0	0	0	0	0	9	4.39	-
LERWICK	21-9	82																														
PSYCHROMETER ...			11.4	7.4	9.4	-	16.3	5	3.5	15	9.8	-	180	-	38	12	26	22	1	0	1	4	0	2	0	4	1	6	3.52	107	-	
SCREEN ...			11.6	7.3	9.5	-1.1	16.6	5	3.7	15.22.29																						
ORKNEY																																
KIRKALL AIRPORT	21-9	26	13.6	8.1	10.9	-0.5	19.6	1	3.2	22	-	-	110	112	15	27	23	19	1	0	0	4	0	0	0	0	0	0	0	2	4.40	124
WETLAND ...	9.9	24	13.7	8.3	11.0	-	19.3	5	4.7	22	11.2	-	107	-	13	22	25	20	0	0	0	3	0	0	0	0	0	0	0	2		
WESTERN ISLES																																
BENBECULA	21-9	6	13.8	9.4	11.6	-0.5	17.6	1	3.0	15	-	-	143	116	18	22	25	18	0	0	2	0	0	0	0	0	0	0	3	0	3.45	91
SCALPAY ...	9.9	18	13.3	8.7	11.0	-	16.1	6	3.0	15	-	-	205	-	27	1	26	24	0	0	1	0	0	0	0	0	0	0	0	1	2.54	-
STORNOWAY	21-9	15	13.3	8.0	10.7	-0.9	16.8	5	1.3	21	-	-	125	118	14	10	25	18	0	0	0	1	0	0	0	0	2	0	2	3.66	104	-
HIGHLAND																																
ACHANY	9.9	107	14.7	6.7	10.7	-	20.6	1	-1.0	15	11.2	-	95	-	16	10	24	17	1	0	0	0	0	0	1	1	-	-	4	3.92	-	
ACHNASHELLACH	9.9	67	14.5	7.5	11.0	-0.7	22.7	5	-0.5	15	-	-	337	165	51	10	28	23	0	0	0	0	0	0	0	1	-	-	0	0	-	
CAPE WRATH	21-9	112	12.3	8.2	10.3	-1.0	17.6	6	3.0	21.22	-	-	140	126	20	10	26	23	0	0	0	4	0	1	0	0	0	0	8	3.37	-	
CASSLEY ...	9.9	99	14.8	7.4	11.1	-	20.7	6	1.8	15	-	-	218	-	32	10	25	25	-	-	-	-	-	-	0	1	-	-	-	-	-	
CORPACH ...	9.9	8	15.1	6.5	10.8	-	20.1	1	0.3	15	-	-	202	-	21	25	26	24	0	0	0	0	1	0	0	0	0	0	0	-	-	
DALCROSS ...	9.9	11	15.7	8.2	11.9	-	21.6	6	1.6	30	-	-	20	36	3	22	14	7	-	0	-	-	-	-	0	0	0	0	3	-	-	
DALWHINNIE	9.9	351	13.1	3.8	8.5	-	18.3	5	-6.1	15	-	-	75	-	9	17	22	19	1	0	1	0	0	0	0	4	-	-	0	3.55	-	
DIBRIG ...	9.9	60	14.3	8.5	11.4	-	21.0	5	3.1	15.22	-	-	150	-	15	19	25	22	2	0	1	0	0	0	0	0	0	0	0	1	-	
DOUNREY ...	9.9	21	14.9	7.9	11.4	-	21.5	5	4.0	15.22.30	-	-	71	83	12	22	21	15	0	0	0	0	0	0	0	0	0	0	0	1	-	
FORT AUGUSTUS	9.9	21	15.0	7.7	11.3	-0.6	21.4	1	-0.7	15	-	-	115	-	15	24	25	20	0	0	-	-	-	-	0	1	-	-	-	3.26	108	
FORTROSE ...	9.9	5	15.0	8.4	11.7	-1.0	19.8	6	2.2	15	-	-	18	33	3	22	13	8	-	-	-	-	-	-	0	0	0	0	0	-	4.73	129
GEISGEIL ...	9.9	12	14.5	8.0	11.3	-	21.5	6	1.8	15	-	-	145	-	18	10	25	23	0	0	-	-	-	-	0	0	0	0	0	-	2.26	-
GLENMORE LODGE	9.9	341	14.4	6.1	10.3	-	21.3	5	-2.4	15	-	-	37	39	9	21	18	9	1	0	0	1	0	0	0	4	6	4	0	4.09	-	
GRANTOWN-ON-SPEY	9.9	229	14.8	6.2	10.5	-	21.1	5	-3.0	15	-	-	31	-	7	21	15	8	1	0	0	0	0	0	1	4	12	1	-	4.55	-	
HEASTE ...	9.9	109	13.8	7.8	10.8	-	18.7	1.5	1.0	15	-	-	290	-	48	10	24	24	0	0	0	1	0	0	0	0	0	0	0	3	-	
INVERGORDON	9.9	15	15.7	8.1	11.9	-	21.5	6	1.0	15	-	-	25	-	3	24	15	11	-	0	-	-	-	-	0	0	0	0	0	-	-	
INVERNESS	9.9	4	15.8	8.9	12.3	-	21.9	5	3.4	22	-	-	21	38	3	22	15	9	0	0	0	0	0	0	0	0	0	0	1	5.01	-	
INVERPOLLY	9.9	14	14.5	8.5	11.5	-	22.2	5	2.5	15.22	12.0	-	153	-	29	10	25	22	0	0	0	3	0	0	0	0	2	-	-	4	-	
ISLE OF RHUM	9.9	5	14.2	8.7	11.5	-	18.6	4	1.3	15	-	-	13.3	13.0	335	122	56	24	0	0	0	0	0	0	0	0	0	0	0	5	3.13	
KEISS ...	9.9	30	14.4	7.2	10.8	-	19.4	5	2.2	24	11.8	11.8	58	-	15	22	18	13	0	0	2	0	0	0	0	0	1	-	-	6	5.02	
KNOCKANROCK	9.9	244	12.9	6.9	9.9	-	20.4	5	1.7	15	-	-	251	131	35	10	26	24	3	0	0	5	0	1	0	0	0	0	0	1	-	
LAGGANLIA ...	9.9	250	14.3	6.2	10.3	-	20.3	5	-3.2	29	-	-	34	-	5	20	17	10	1	0	0	0	0	0	0	3	4	-	-	-	-	
LAIRO ...	9.9	107	14.9	6.6	10.7	-	20.9	1	-1.2	15	11.1	10.8	102	-	15	10	24	17	1	0	0	0	0	0	2	1	4	-	-	-	-	
LENTAN ...	9.9	146	15.2	7.1	11.1	-	21.0	1	1.5	29	-	-	33	-	5	13	22	10	1	0	0	0	0	0	0	0	0	0	0	4	-	
NAIRN ...	9.9	6	16.1	7.8	11.9	-0.2	22.1	6	1.1	29	-	-	22	41	5	21	18	9	0	0	0	1	0	0	0	0	3	-	-	3	5.15	132
ONICH ...	9.9	15	15.4	7.7	11.5	-0.6	21.0	6	0.5	22.29	-	-	299	144	35	10	27	25	0	0	-	-	-	2	0	0	0	0	0	-	-	
POOLEWE	9.9	6	14.5	8.9	11.7	-	21.2	5	2.7	15	-	-	229	-	40	10	26	23	0	0	0	2	0	0	0	0	0	0	0	3	3.52	
PRABOST	9.9	67	13.6	7.8	10.7	-	18.8	5	1.6	22	-	-	183	102	24	10	26	24	0	0	0	2	0	0	0	0	0	4	-	11	2.77	
STRATHCONON	9.9	107	15.6	6.9	11.3	-	22.1	1	-1.0	15	-	-	116	-	15	20	24	23	0	0	0	0	0	0	0	2	-	-	0	-	-	
TARBATNESS	21-9	18	15.1	8.4	11.7	-0.4	19.0	5	1.7	15	-	-	37	-	8	22	16	9	0	0	0	1	0	0	0	0	0	0	0	1	-	
TOMATIN ...	9.9	311	14.0	5.9	9.9	-	19.4	6	-1.1	15.29	-	-	48	-	10	20	21	13	1	-	1	0	0	0	0	0	0	0	0	0	-	
TORRISDALE	9.9	27	14.8	8.2	11.5	-	20.7	5	3.0	29	-	-	93	-	13	22	25	20	0	0	0	1	1	0	0	0	0	0	0	5	4.11	
WICK	21-9	36	14.2	7.7	10.9	-0.6	19.2	5	1.1	15	-	-	57	81	16	20	19	13	0	0	0	4	0	0	0	0	3	0	0	5.18	137	



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

SEPTEMBER 1979

DISTRICT REGION/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
1 SCOTLAND E																																		
GRAMPIN																																		
ABERDEEN																																		
DYCE AIRPORT	21-9	58	15.7	7.4	11.5	-0.2	21.6	4	0.8	29	-	-	41	61	12	20	12	10	0	0	0	2	0	0	0	6	1	0	0	5.25	133	-		
MANNOFIELD	9-9	52	15.2	7.4	11.3	-0.6	19.7	4	2.3	24	-	-	28	41	9	22	11	6	0	0	0	0	0	0	0	1	0	0	0	0	0	-		
BALMORAL	9-9	283	14.4	5.7	10.1	-0.4	20.3	5	-2.4	29	-	-	26	36	7	20	11	7	0	0	0	0	0	0	3	8	0	0	4	1	4.51	-		
BANCHORY	9-9	94	16.4	7.0	11.7	-	21.5	4	0.2	24	-	-	18	-	6	22	11	7	0	0	0	0	0	0	0	0	0	0	0	1	4.50	-		
BANFF	9-9	24	15.6	8.7	12.1	-	23.6	5	4.3	15	12.5	-	35	54	8	20	14	11	0	0	1	0	0	0	0	0	0	0	0	5	4.50	-		
BREMAR	9-9	339	14.5	6.1	10.3	0.0	19.6	1	-2.4	29	-	-	39	48	11	20	13	7	-	-	-	-	-	1	4	5	0	0	0	2	4.54	138		
CLASHNOIR	9-9	338	14.0	6.2	10.1	-	20.6	5	-0.7	15	10.5	-	33	-	15	20	15	9	2	0	1	0	0	0	2	6	0	0	2	4.39	5			
CRABSTONE	9-9	91	15.3	7.2	11.3	-0.4	20.7	4	1.9	15	12.2	12.4	37	55	8	20	12	9	0	0	0	1	0	0	0	4	0	0	0	5.22	129	-		
CULTERTY	9-9	3	15.7	6.9	11.3	-	19.7	3	0.5	24	-	-	40	71	11	20	14	10	0	0	0	0	0	0	0	0	0	0	0	1	5.08	-		
ELGIN	9-9	15	16.4	8.3	12.3	-	23.5	5	1.0	29	-	-	35	54	6	22	15	11	0	0	0	2	0	0	0	5	0	0	0	0	4.73	-		
FOREHILL	9-9	40	14.6	7.7	11.1	-	19.4	1	2.8	15	-	-	36	-	8	20-22	14	8	0	0	0	0	1	0	0	0	0	0	0	2	-	-		
FORRES	9-9	5	16.6	8.2	12.4	+0.1	22.6	5	0.9	15	13.0	12.3	30	-	6	22	14	8	0	0	0	0	0	0	0	0	0	0	0	4	4.39	117		
FRASERBURGH	21-9	19	15.1	8.9	12.0	-	22.0	5	5.3	24	-	-	39	66	10	22	16	11	0	0	0	0	0	0	0	0	0	0	0	4	5.06	-		
FYVIE CASTLE	9-9	55	15.4	6.4	10.9	-	22.0	5	-0.5	29	-	-	40	59	14	20	15	10	0	0	0	0	0	0	1	8	0	0	0	5	-	-		
GARTLY	9-9	146	15.4	7.1	11.3	-	21.2	5	1.3	29	-	-	43	-	18	20	11	7	0	0	-	-	-	-	0	0	0	0	3	-	-			
GLENLIVET	21-9	215	15.3	6.8	11.1	-	23.4	5	-1.4	29	-	-	45	55	11	20	17	10	0	0	1	0	0	0	2	4	2	0	0	4.71	5			
INVERURIE	9-9	54	16.1	6.8	11.5	-	22.3	4	-1.1	29	-	-	34	-	16	20	11	6	0	0	0	1	0	0	1	5	0	0	0	0	4.94	0		
KEITH	9-9	106	15.8	7.1	11.5	-	22.6	5	-0.4	29	-	-	62	-	23	20	17	11	1	0	0	1	0	0	1	6	0	0	0	3	4.98	-		
KINLOSS	21-9	5	16.0	8.7	12.3	0.0	21.8	1	0.5	29	12.4	-	26	47	5	19	16	6	0	0	0	3	0	0	0	4	1	2	0	4.77	-			
LOSSIEMOUTH	21-9	6	16.1	8.1	12.1	-	22.5	5	1.6	15	-	-	31	54	6	22	15	8	0	0	0	2	0	0	0	1	1	2	0	-	-			
STONEHAVEN	9-9	4	16.1	7.0	11.5	-0.6	20.2	1.4	0.5	15	-	-	23	35	7	22	9	6	0	0	0	0	0	0	0	0	0	0	0	3	5.29	137		
TAYSIDE																																		
ARBROATH	9-9	29	15.2	8.6	11.9	-	19.0	3	1.9	22	-	-	19	33	6	6	8	5	0	0	0	0	0	0	0	4	-	0	0	5.34	121	-		
ARROTHAIG	9-9	130	14.9	7.6	11.3	-	20.0	6	0.8	15	-	-	75	62	10	19	21	15	0	0	0	0	1	0	0	0	0	0	0	0	4.22	-		
DALL	9-9	232	14.4	5.5	9.9	-	19.7	5	-3.0	15	-	-	58	55	7	19	21	13	0	0	0	0	0	0	1	4	8	0	0	0	0	-		
DRUMMOND CASTLE	9-9	113	15.2	6.7	10.9	-	19.3	1	-1.5	22	13.0	-	54	-	13	24	18	11	0	0	0	0	0	0	1	7	0	0	0	1	5.43	-		
DUNDEE	9-9	45	16.2	8.3	12.3	-0.2	20.2	5	2.0	22	12.9	-	24	35	9	1	11	7	0	0	0	0	0	0	0	6	0	0	0	0	5.35	136		
FASKALLY	9-9	94	15.5	7.1	11.3	-	19.8	1	-0.4	29	13.5	13.6	22	27	6	1	15	7	0	0	0	0	0	0	1	7	0	0	0	0	-	-		
KINDROGAN	9-9	259	14.1	5.8	9.9	-	18.2	10	-1.4	24	-	-	33	-	6	19	18	8	0	0	0	0	0	0	1	3	11	0	0	2	-			
KINROSS	9-9	116	15.3	6.7	11.0	-	20.0	5	-1.1	15	11.8	-	60	-	10	24	15	13	0	0	0	0	0	0	2	4	0	0	0	0	4.75	-		
MONTROSE	9-9	57	15.5	7.8	11.7	-	19.6	4	1.9	29	-	-	21	33	4	19	11	6	0	0	0	0	0	0	0	0	0	0	0	0	0	-		
MYLNEFIELD	9-9	30	15.8	7.9	11.9	-	19.4	5	1.2	15	12.6	12.3	21	33	6	1	13	7	0	0	0	0	0	0	0	6	0	0	0	0	4.84	-		
PERTH	9-9	23	16.1	7.6	11.9	-0.4	20.6	5	-0.2	22	-	-	13	18	5	1	9	4	0	0	0	0	0	0	1	1	0	0	0	0	-	-		
STRATHALLAN	9-9	41	16.3	7.5	11.9	-	20.1	5	0.0	22	-	-	18	-	5	1	14	6	0	0	0	0	0	0	1	0	-	1	-	-	-	-		
USAN	21-9	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
WHITEHILLOCKS	9-9	258	14.7	6.3	10.5	-	19.2	5	-1.0	24	-	-	29	30	6	1.6	12	9	0	0	0	0	0	0	2	7	-	1	-	-	5	-		
FIFE																																		
BELLISTON	9-9	82	15.7	8.2	11.9	-	19.6	5	1.2	15	13.2	-	29	42	10	1	14	8	0	0	0	0	0	0	0	4	-	0	0	-	-	-		
CUPAR	9-9	36	16.1	7.4	11.7	-	21.1	5	-0.8	22	12.7	-	23	-	7	1	14	7	0	0	0	1	0	0	2	5	0	0	0	5.43	5	-		
LEUCHARS	21-9	10	16.2	7.8	12.0	-0.5	20.0	5	0.6	15	-	-	17	30	6	1	12	7	0	0	0	0	0	0	7	3	0	0	0	5.61	129	-		
PITREAVIE	21-9	40	16.0	8.5	12.3	-	21.0	5	0.6	22	-	-	34	50	4	1.22	16	11	0	0	0	0	0	0	1	0	4	1	0	0	-	-		
ST ANDREWS	9-9	18																																







TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DISTRICT REGION/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)																												
2 ENGLAND E & NE -CONTINUED																																		
DURHAM			9 9	102	16.6	8.4	12.5	-0.3	22.8	1	1.3	29	13.8	13.5	39	66	9	26	10	8	0	0	0	0	0	0	0	0	0	0	5.07	125	S	
DURHAM ...			9 9	155	15.4	7.3	11.3	-	21.5	1	0.6	15	12.2	11.4	31	-	8	24	10	8	0	0	0	0	0	0	0	0	0	0	0	4.32	-	-
LOW ETHELEY ...			9 9	513	12.3	6.5	9.4	-	19.0	5	-1.1	22	10.1	-	119	-	16	26	22	19	0	0	0	0	0	0	0	0	0	0	0	-	-	
WIDDYBANK FELL ...			9 9	9	17.1	9.5	13.3	-0.5	23.5	1	3.6	24	-	-	23	48	6	2	8	6	0	0	0	0	0	0	0	0	0	0	0	4.96	-	-
CLEVELAND			9 9	31	17.3	7.3	12.3	-	23.1	1	-0.3	29	-	-	23	47	7	21	6	5	0	0	0	0	0	0	0	0	0	0	0	5.68	-	-
HARTLEPOOL ...			9 9	9	17.1	9.5	13.3	-0.5	23.5	1	3.6	24	-	-	23	47	7	21	6	5	0	0	0	0	0	0	0	0	0	0	0	5.68	-	-
NORTH YORKSHIRE			9 9	33	17.7	8.3	13.0	-	23.2	1	0.5	29	-	-	20	34	7	1	8	6	0	0	0	0	0	0	0	0	0	0	0	5.45	143	-
ASKHAM BRYAN ...			9 9	6	17.8	8.7	13.3	-	23.0	1	0.0	24	14.2	14.6	14	27	6	1	6	3	0	0	0	0	0	0	0	0	0	0	0	5.20	-	-
CAMOOD ...			9 9	175	16.7	8.7	12.7	-	22.6	6	1.4	15	13.3	-	21	32	8	2	7	5	0	0	0	0	0	0	0	0	0	0	0	5.44	-	-
HIGH MOWTHORPE ...			9 9	32	17.4	8.7	13.1	-	22.5	1	0.6	29	13.7	14.0	21	41	7	1	8	4	0	0	0	0	0	0	0	0	0	0	0	5.04	-	-
LEEMING ...			21-9	395	113.6	7.3	105.5	-0.4	17.9	5	1.0	22	-	-	145	105	35	2	19	15	0	0	0	0	0	0	0	0	0	0	0	-	-	
MALHAM TARN ...			9 9	44	17.9	7.2	12.5	-	23.3	1	-0.5	24	13.8	14.1	19	37	7	2	10	4	0	0	0	0	0	0	0	0	0	0	0	6.04	138	-
PICKERING ...			9 9	52	17.5	9.9	13.7	-	23.0	1	3.5	24	12.8	-	25	35	7	2	11	6	0	0	0	0	0	0	0	0	0	0	0	5.59	-	-
SCARBOROUGH ...			9 9	203	16.5	8.0	12.3	-	23.6	6	1.5	24	12.8	-	25	35	7	2	11	6	0	0	0	0	0	0	0	0	0	0	0	5.59	-	-
SILPHO MOOR ...			9 9	290	13.7	6.8	10.3	-	19.2	5	-1.1	15	11.9	-	134	-	30	25	20	14	0	0	0	0	0	0	0	0	0	0	0	3.91	-	S
SNRIEZHOLME ...			9 9	41	17.3	8.8	13.1	-	23.9	1	1.6	29	-	-	22	-	8	2	8	5	0	0	0	0	0	0	0	0	0	0	0	6.02	-	-
WHITBY ...			9 9	60	16.7	8.9	12.8	-	23.3	1	1.5	29	-	-	21	-	6	2	11	5	0	0	0	0	0	0	0	0	0	0	0	-	-	
WHITBY (COAST GUARD)			21-9	60	16.7	8.9	12.8	-	23.3	1	1.5	29	-	-	21	-	6	2	11	5	0	0	0	0	0	0	0	0	0	0	0	-	-	
YORK (HESLINGTON)			9 9	19	17.7	8.8	13.3	-	22.6	6	1.5	24	14.3	14.2	20	37	9	1	9	5	0	0	0	0	0	0	0	0	0	0	0	-	-	
HUMBERSIDE			9 9	48	-	-	-	-	-	-	-	-	-	-	15	25	7	2	7	4	0	0	0	0	0	0	0	0	0	0	0	6.06	131	-
BRIOLINGTON ...			9 9	7	18.6	10.1	14.3	0.0	25.0	6	4.5	29	-	-	38	76	13	19	10	7	0	0	0	0	0	0	0	0	0	0	0	-	-	
CLEETHORPES ...			9 9	2	19.0	10.1	14.5	+0.2	24.6	6	2.0	29	15.0	15.1	22	41	6	1	10	7	0	0	0	0	0	0	0	0	0	0	0	-	-	
HULL ...			9 9	2	19.0	10.1	14.5	+0.2	24.6	6	2.0	29	15.0	15.1	22	41	6	1	10	7	0	0	0	0	0	0	0	0	0	0	0	-	-	
LINCOLNSHIRE			21-9	108	17.2	8.9	13.1	-	23.4	6	2.2	22	-	-	46	79	16	19	12	8	0	0	0	0	0	0	0	0	0	0	0	5.95	-	-
BIMBROOK ...			9 9	21	18.4	8.4	13.4	-	24.5	6	-0.2	29	-	-	28	-	11	1	12	5	0	0	0	0	0	0	0	0	0	0	0	-	-	
CAISTON ...			9 9	7	18.8	8.9	13.9	-	25.4	6	2.4	22	-	-	27	-	14	19	7	4	0	0	0	0	0	0	0	0	0	0	0	-	-	
CONINGSBY ...			21-9	62	18.4	9.0	13.7	-0.1	24.5	6	2.4	22	15.3	16.0	33	66	17	19	11	6	0	0	0	0	0	0	0	0	0	0	0	6.08	133	-
CRANWELL ...			9 9	4	18.7	8.6	13.7	-	25.7	6	1.1	29	14.1	13.9	31	-	20	19	8	5	0	0	0	0	0	0	0	0	0	0	0	6.13	-	-
KIRTON ...			9 9	6	18.5	8.1	13.3	-0.4	24.6	6	-1.6	29	14.9	14.6	23	48	9	1	8	4	0	0	0	0	0	0	0	0	0	0	0	5.58	-	-
LINCOLN ...			9 9	5	18.2	10.1	14.1	-0.0	24.0	6	3.4	22	-	-	34	66	19	19	9	6	0	0	0	0	0	0	0	0	0	0	0	5.99	125	-
SKEGNESS ...			9 9	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SUTTON BRIDGE ...			9 9	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
WADDINGTON ...			21-9	68	18.2	9.5	13.9	+0.1	24.7	6	2.3	22	-	-	33	68	15	19	11	4	0	0	0	0	0	0	0	0	0	0	0	6.18	138	-
3 EAST ANGLIA																																		
NORFOLK			21-9	17	19.0	9.3	14.1	-	25.2	6	1.1	16	-	-	16	32	7	19	8	4	0	0	0	0	0	0	0	0	0	0	0	-	-	
COLTISHALL ...			9 9	54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CROMER ...			9 9	3	18.8	9.1	13.9	-	25.5	6	1.7	23	14.9	15.0	29	-	16	19	10	8	0	0	0	0	0	0	0	0	0	0	0	5.69	-	-
DENVER ...			9 9	4	18.5	11.0	14.7	0.0	22.0	11	5.6	22	14.9	14.8	28	54	14	3	6	4	0	0	0	0	0	0	0	0	0	0	0	6.41	128	-
GORLESTON ...			9 9	14	18.7	10.4	14.5	-	23.9	1	3.6	16	14.3	14.5	20	-	9	19	7	5	0	0	0	0	0	0	0	0	0	0	0	6.85	-	-
HEMSBY ...			21-9	23	18.9	9.1	14.0	-	25.8	6	1.9	23	-	-	30	-	14	19	10	7	0	0	0	0	0	0	0	0	0	0	0	6.12	-	-
MARHAM ...			9 9	46	18.8	8.6	13.7	-	24.9	6	1.7	23	14.7	-	21	-	10	19	8	3	0	0	0	0	0	0	0	0	0	0	0	6.40	-	-
MORLEY ST BOTOLPH ...			9 9	24	19.2	6.8	13.0	-	26.0	6	-2.9	14	14.0	14.0	26	46	10	19	11	6	0	0	0	0	0	0	0	0	0	0	0	6.04	-	-
SANTON DOWNHAM ...			9 9	27	19.8	8.9	14.3	-	25.4	1	0.8	16	15.3	15.6	15	-	7	19	9	3	0	0	0	0	0	0	0	0	0	0	0	6.57	-	-
SCOLE ...			9 9	3	19.3	8.8	14.1	0.0	26.3	6	2.2	23	14.1	-	18	37	7	19	10	7	0	0	0	0	0	0	0	0	0	0	0	5.86	128	-
TERRINGTON ST CLEMENT			9 9	53	18.9	9.5	14.2	-	25.6	6	2.8	22	-	-	18	37	13	19	8	2	0	0	0	0	0	0	0	0	0	0	0	5.97	-	



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

SEPTEMBER 1979

DISTRICT REGION/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 OR MORE	0.5 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
4 MIDLAND COUNTIES																																	
WEST YORKSHIRE																																	
BRAADFORD ...	9 9	134	16.4	9.1	12.7	-0.4	21.2	5	2.0	30	13.6	13.9	28	38	7	2	12	8	0	0	0	0	0	0	0	0	7	-	0	5.03	137	S	
BRAMHAM ...	9 9	54	17.3	8.5	12.9	-	22.2	1	0.2	22	-	-	20	34	7	1	10	4	0	0	0	0	0	0	0	0	8	1	0	-	-	-	
HUDDESFIELD (AKES)	21-9	232	16.7	8.3	12.5	-0.4	22.8	5	2.1	22	12.7	12.4	47	57	13	2	15	8	0	0	0	0	0	0	0	0	6	1	2	-	-	-	
ILKLEY ...	9 9	83	16.7	8.7	12.7	-0.4	22.0	1	0.1	29	-	-	33	38	10	2	12	7	0	0	0	0	0	0	0	0	0	0	0	5.17	139	-	
PONTEFRAC ...	9 9	78	17.8	9.5	13.7	+0.2	22.6	1	3.5	29	-	-	13	25	5	1	8	4	0	0	0	0	0	0	0	0	0	0	0	-	-	-	
TOOTHORPEN ...	9 9	160	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WILSON ...	9 9	262	15.4	8.5	11.9	-	20.9	1	1.3	15	-	-	46	-	12	2	13	9	0	0	0	0	0	0	0	0	4	0	0	-	-	-	
SOUTH YORKSHIRE																																	
FINNINGLEY ...	21-9	10	18.7	8.5	13.6	-	24.0	6	0.9	29	-	-	14	30	5	1	7	6	0	0	0	0	0	0	0	0	8	1	0	5.28	-	-	
SHEFFIELD																																	
DORE ...	9 9	206	16.8	9.0	12.9	-	21.4	6	3.1	22	-	-	25	-	7	2	12	6	0	0	0	0	0	0	0	0	5	-	0	-	-	-	
WESTON PARK ...	9 9	131	17.6	9.6	13.6	-0.3	22.6	5	3.2	29	14.3	14.6	25	39	8	2	8	6	0	0	0	0	0	0	0	0	-	-	0	5.56	150	S	
DERBYSHIRE																																	
ASHOVER ...	9 9	178	16.6	8.4	12.5	-	20.9	5	1.4	29	-	-	23	-	8	1	9	6	0	0	0	0	0	0	0	0	3	-	0	5.04	-	-	
BARBROOK ...	9 9	323	15.6	7.6	11.6	-	20.3	5	1.5	22	-	-	26	33	8	1	12	8	0	0	0	0	0	0	0	0	6	-	0	5.21	-	-	
BUXTON ...	9 9	307	15.4	6.7	11.1	-0.8	20.8	1	0.1	29	12.9	13.5	72	65	13	2	14	10	0	0	0	0	0	0	0	0	4	-	0	-	-	S	
DERBY ...	9 9	48	18.2	9.0	13.6	-	23.2	6	1.7	24	-	-	32	55	13	19	10	5	0	0	0	0	0	0	0	0	1	-	0	5.19	-	-	
WINGERWORTH ...	9 9	116	17.0	7.4	12.2	-	21.3	5	-1.3	29	13.3	-	21	-	9	1	10	6	0	0	0	0	0	0	0	0	2	10	-	0	5.35	-	-
NOTTINGHAMSHIRE																																	
MANSFIELD ...	9 9	114	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NEWTORPE ...	9 9	58	-	-	-	-	-	-	-	-	-	-	32	-	12	19	8	6	0	0	0	0	0	0	0	0	-	-	-	-	-	-	
NOTTINGHAM ...	9 9	59	18.4	9.3	13.9	-0.2	23.4	6	3.5	24	15.4	15.0	20	41	11	19	9	4	0	0	0	0	0	0	0	0	0	0	0	-	-	-	
SUTTON BONINGTON ...	9 9	48	18.2	8.1	13.1	-0.4	26.4	5	-0.1	24	14.1	14.1	29	57	15	19	9	6	0	0	0	0	0	0	0	0	1	8	3	0	5.68	142	-
WARSOP ...	9 9	46	18.0	7.0	12.5	-	23.5	6	-1.7	29	-	-	17	35	5	1.19	9	5	0	0	0	0	0	0	0	0	2	10	-	0	5.12	-	-
WATNALL ...	21-9	117	17.6	8.8	13.2	-0.3	23.5	6	3.0	22	-	-	32	53	11	19	10	6	0	0	0	0	0	0	0	0	10	0	0	5.03	130	-	
STAFFORDSHIRE																																	
KEELE ...	9 9	179	16.5	8.4	12.5	-	21.5	6	1.3	22	13.4	13.3	29	40	6	18	13	7	0	0	0	0	0	0	0	0	5	1	0	-	-	-	
DAKEN ...	9 9	125	17.4	7.9	12.7	-0.4	21.9	5	1.1	22	13.8	-	23	36	9	1	9	5	0	0	0	0	0	0	0	0	6	-	0	-	-	S	
PENKIRIDGE ...	9 9	101	17.3	8.0	12.7	-	22.0	6	0.1	22.24	-	-	23	38	8	1	8	6	0	0	0	0	0	0	0	0	1	2	-	0	5.00	-	-
STONE ...	9 9	107	16.9	7.8	12.3	-	21.5	6	0.9	15	-	-	31	46	9	1	12	6	0	0	0	0	0	0	0	0	7	-	0	5.10	-	-	
LEICESTERSHIRE																																	
CALDECOTT ...	9 9	53	18.4	7.8	13.1	-	24.2	6	-1.0	29	-	-	25	51	10	19	7	5	0	0	0	0	0	0	0	0	1	8	-	0	5.22	-	-
NEWTOWN LINFORD ...	9 9	119	17.8	7.7	12.7	-	22.7	6	1.1	29	-	-	35	63	19	19	12	6	0	0	0	0	0	0	0	0	8	-	9	5.23	-	-	
SALOP																																	
HAMPTON LODGE ...	9 9	70	18.1	8.0	13.1	-	23.0	5	0.1	29	-	-	21	-	9	1	8	5	0	0	0	0	0	0	0	0	-	-	-	5.05	-	-	
NEWPORT ...	9 9	64	17.7	8.1	12.9	-0.2	22.2	6	0.4	22	-	-	22	36	5	1	10	6	0	0	0	0	0	0	0	0	7	-	0	5.20	134	-	
OSWESTRY ...	9 9	174	16.4	8.5	12.5	-0.5	19.6	1.5	1.4	22	-	-	26	35	7	1	13	7	0	0	0	0	0	0	0	0	8	-	0	4.61	121	S	
PRESTON MONTFORD ...	9 9	67	18.1	8.0	13.1	-	22.3	6	-0.7	29	14.5	14.6	25	-	5	2	12	8	0	0	0	0	0	0	0	0	1	7	-	0	4.64	-	-
SHAWBURY ...	21-9	72	17.6	8.1	12.9	-0.6	22.1	1	1.2	24	-	-	26	44	5	19	12	9	0	0	0	0	0	0	0	0	9	4	0	4.88	124	-	
SHREWSBURY ...	9 9	55	17.6	8.7	13.1	-0.6	21.9	6	1.5	29	15.0	15.5	18	31	3	18	9	8	0	0	0	0	0	0	0	0	5	-	0	5.11	130	-	
WEST MIDLANDS																																	
BIRMINGHAM																																	
EDGBASTON ...	21-9	163	17.3	9.4	13.3	-0.5	22.3	5	2.4	22	12.7	-	29	45	11	19	11	5	0	0	0	0	0	0	0	0	7	0	0	5.09	130	-	
ELMDON AIRPORT ...	21-9	96	17.9	7.8	12.9	-0.5	22.6	5	-0.1	29	-	-	25	-	15	19	10	4	0	0	0	0	0	0	0	0	1	10	2	0	5.30	127	-
KING EDWARD'S SCHOOL ...	9 9	137	-	-	-	-	-	-	-																								



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

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DISTRICT REGION/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	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	-	9.7	-	-	-	-	3.0	29	-	-	21	33	9	19	5	5	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-
ENFIELD ...	9 9	17	19.7	10.5	15.1	-	26.2	6	3.5	23	15.7	15.3	19	-	11	19	7	4	0	0	-	-	-	-	-	-	-	-	-	-	-	-	
GREENWICH ...	9 9	7	19.5	10.1	14.8	-	26.0	6	3.9	23	-	-	15	25	7	19	5	4	0	0	-	-	-	-	-	-	-	-	-	-	-	-	
HAMPSTEAD ...	9 9	137	18.4	10.0	14.2	-0.1	24.8	6	2.4	22	-	-	27	46	12	19	8	5	0	0	-	-	-	-	-	-	-	-	-	-	-	-	
HAMPTON ...	9 9	12	(19.1)	10.3	(14.7)	(-0.4)	24.4	6	4.0	22	-	-	17	34	7	19	6	4	0	0	-	-	-	-	-	-	-	-	-	-	-	-	
HARROW WEALD ...	9 9	98	18.8	9.4	14.1	-	25.0	6	3.0	22.23	16.1	15.6	24	-	13	19	6	5	0	0	-	-	-	-	-	-	-	-	-	-	-	-	
HEATHROW AIRPORT ...	21-9	25	19.6	10.4	15.0	+0.1	25.9	6	4.3	22.23	-	-	21	40	7	19	7	4	0	0	-	-	-	-	-	-	-	-	-	-	-	-	
KENSINGTON PALACE ...	9 9	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
KEN	21-9	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
PSYCHROMETER ...	...	...	19.1	8.8	13.9	-	25.3	6	1.0	23	14.7	14.4	18	-	6	19	7	5	0	0	-	-	-	-	-	-	-	-	-	-	-	-	
NORTH WALL SCREEN ...	...	...	19.0	10.2	14.6	-0.3	24.8	6	3.2	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
LONDON																																	
WEATHER CENTRE (X)	21-9	77	19.5	12.1	15.8	-	25.0	6	5.2	22	-	-	19	-	8	19	7	5	0	0	-	-	-	-	-	-	-	-	-	-	-	-	
ST JAMES'S PARK ...	9 9	9	19.4	11.1	15.3	-0.2	26.0	6	5.0	22.23	-	-	22	41	11	19	7	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SOUTHGATE ...	9 9	67	19.0	10.2	14.6	-0.2	25.9	6	3.4	22	15.1	-	26	46	17	19	6	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WADDON ...	9 9	59	19.2	9.7	14.5	-0.3	25.0	1.6	2.5	29	-	-	19	30	7	19	6	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WILTSHIRE																																	
BOSCOMBE DOWN ...	21-9	126	17.7	8.7	13.2	-0.7	22.3	6	1.3	22	14.9	14.4	25	40	14	19	7	5	0	0	-	-	-	-	-	-	-	-	-	-	-	-	
LACOCK ...	9 9	49	17.5	7.4	12.5	-	21.0	6	0.3	22	-	-	15	24	4	19	7	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LARKHILL ...	9 9	132	17.6	8.5	13.1	-0.6	21.9	6	2.0	22	-	-	21	32	8	19	6	4	0	0	-	-	-	-	-	-	-	-	-	-	-	-	
LYNEHAM ...	21-9	145	17.3	8.9	13.1	-0.6	21.4	5	1.5	22	-	-	14	23	4	19	8	6	0	0	-	-	-	-	-	-	-	-	-	-	-	-	
PORTON ...	9 9	111	17.6	8.3	12.9	-0.7	21.5	6	2.2	22	14.2	-	20	29	10	19	7	6	0	0	-	-	-	-	-	-	-	-	-	-	-	-	
TROWBRIDGE ...	9 9	37	18.1	8.0	13.1	-	22.2	5	2.0	23	14.9	-	19	-	7	19	7	6	0	0	-	-	-	-	-	-	-	-	-	-	-	-	
UPAVON ...	21-9	179	17.6	8.9	13.3	-	22.7	8	2.1	22	-	-	25	37	13	1	7	6	0	0	-	-	-	-	-	-	-	-	-	-	-	-	
BERKSHIRE																																	
EASTHAMPTON ...	9 9	77	18.5	7.7	13.1	-	24.9	6	-0.5	29	14.0	13.9	16	-	6	19	5	4	0	0	-	-	-	-	-	-	-	-	-	-	-	-	
HURLEY ...	9 9	43	18.7	8.3	13.5	-	24.6	6	1.1	23	14.8	-	17	29	7	19	6	6	0	0	-	-	-	-	-	-	-	-	-	-	-	-	
LANBOURN (WARREN FARM)	9 9	192	17.6	8.6	13.1	-	22.0	6	1.6	22	14.3	-	17	-	5	19	8	5	0	0	-	-	-	-	-	-	-	-	-	-	-	-	
READING ...	9 9	66	18.4	8.9	13.7	-	24.5	6	2.4	23	14.5	14.5	13	-	5	19	7	6	0	0	-	-	-	-	-	-	-	-	-	-	-	-	
SHINFIELD (N.I.R.D.) ...	9 9	62	18.7	8.7	13.7	-	24.5	6	1.8	23	-	-	14	-	7	19	5	5	0	0	-	-	-	-	-	-	-	-	-	-	-	-	
SURREY																																	
NICKLEHAM ...	9 9	55	18.7	7.5	13.1	-0.8	24.2	6	0.1	29	14.7	14.7	17	25	7	19	5	4	0	0	-	-	-	-	-	-	-	-	-	-	-	-	
WISLEY ...	9 9	32	19.1	8.3	13.7	-0.7	25.2	6	0.9	29	14.9	15.0	12	21	4	19	5	4	0	0	-	-	-	-	-	-	-	-	-	-	-	-	
KENT																																	
DOVER R.M.S. ...	9 9	123	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DUNGENESS ...	9 9	6	17.9	11.3	14.6	-	20.7	1	4.4	23	-	-	19	31	7	1	8	5	0	0	-	-	-	-	-	-	-	-	-	-	-	-	
EAST MALLING ...	9 9	52	18.9	8.5	13.7	-0.5	24.4	6	1.9	29	15.4	15.5	20	34	8	19	5	4	0	0	-	-	-	-	-	-	-	-	-	-	-	-	
EDENBRIDGE ...	9 9	45	18.5	7.7	13.1	-	23.6	6	1.1	23	-	-	25	-	15	19	5	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ELMSTONE ...	9 9	5	19.3	8.3	13.8	-	23.9	1.6	-0.4	16	-	-	15	26	9	1	7	3	0	0	-	-	-	-	-	-	-	-	-	-	-	-	
FAVERSHAM ...	9 9	48	19.0	9.6	14.3	-	23.7	8	2.8	29	14.7	15.7	11	17	6	1	6	3	0	0	-	-	-	-	-	-	-	-	-	-	-	-	
FOLKESTONE ...	9 9	31	17.8	9.4	13.6	-	21.4	1	2.1	16	-	15.4	20	33	8	1	8	4	0	0	-	-	-	-	-	-	-	-	-	-	-	-	
GILLINGHAM ...	9 9	3	-	-	-	-	-	-	-	-	-	-	19	32	7	19	6	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
GOODHURST ...	9 9	85	17.7	8.7	13.2	-0.7	22.7	6	1.9	23	-	-	17	25	8	1	7	4	0	0	-	-	-	-	-	-	-	-	-	-	-	-	
HADLOW COLLEGE ...	9 9	27	18.7	7.7	13.2	-	23.6	6	0.4	16	14.8	15.1	21	-	7	19	7	6	0	0	-	-	-	-	-	-	-	-	-	-	-	-	
HERNE BAY ...	9 9	31	-	-	-	-	-	-	-	-	-	-	13	-	6	1	5	5	0	0	-	-	-	-	-	-	-	-	-	-	-	-	
MANSTON ...	21-9	44	18.5	10.7	14.6	-	23.0	6	4.1	16	-	-	17	33	7	1	8	3	0	0	-	-	-	-	-	-	-	-	-	-	-	-	
MARGATE ...	9 9	16	18.5	12.5	15.5	0.0	23.4	6</																									



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

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DISTRICT REGION/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 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																						
7A ENGLAND NW & I.O.M.																																
CUMBRIA																																
CARLISLE ...	21-9	26	16.0	9.0	12.5	-	20.2	5	-0.8	22	14.4	14.3	87	89	31	8	17	10	0	0	1	0	0	0	1	6	1	0	5.08	-	-	
CARTMEL ...	9 9	35	15.6	8.6	12.1	-	19.4	5	-1.4	22	-	-	96	-	23	1	16	12	0	0	0	0	0	0	1	1	1	0	4.49	-	-	
ESKMEALS ...	9 9	8	15.8	9.9	12.9	-	19.6	5	0.0	22	-	-	73	-	19	1	15	10	0	0	0	0	0	0	5	1	1	2	-	-	-	
GRIZEDALE ...	9 9	91	15.4	8.2	11.8	-	18.8	5	-0.9	22	13.0	-	137	68	26	2	23	17	0	0	0	0	0	0	1	8	9	12	3.94	-	-	
HOOR HOUSE ...	9 9	556	11.6	5.8	8.7	-	17.3	5	-2.9	29	10.0	-	159	88	19	26	22	19	1	0	1	1	0	0	2	4	3	0	4.53	-	5	
NEWTON RIGG ...	9 9	171	15.5	8.0	11.7	-0.4	19.4	4	-1.2	22	13.7	-	65	67	14	1	18	11	0	0	1	1	0	0	1	3	-	0	-	-	-	
SELLAFIELD ...	9 9	13	15.6	10.4	13.0	-	19.5	5	2.5	22	-	-	76	63	17	1	13	10	-	0	-	-	-	4	0	1	-	-	-	-	-	
LANCASHIRE																																
ROUGHTON ...	21-9	54	16.5	10.2	13.3	-	22.4	1	2.4	22	14.3	14.3	36	-	7	1	15	11	0	0	0	0	0	0	0	2	1	0	4.86	-	-	
HAZELRIGG ...	9 9	95	15.5	9.9	12.7	-	20.2	1	1.5	22	13.3	13.0	101	-	19	25	16	10	0	0	1	0	0	0	0	1	1	1	0	4.32	-	-
HELMSHORE ...	9 9	260	14.9	8.5	11.7	-	19.1	6	0.5	22	12.6	-	103	71	24	2	17	11	0	0	0	0	0	-	5	-	0	0	4.51	-	-	
KIRKHAM ...	9 9	24	16.4	9.6	13.0	-	20.8	1	-0.8	22	-	-	64	63	13	25	15	9	0	0	0	0	0	0	1	4	-	0	4.91	-	-	
MORECAMBE ...	9 9	7	16.3	10.9	13.6	-0.3	21.5	1	2.8	22	-	-	71	67	13	1	14	11	0	0	0	0	0	0	-	-	-	0	4.64	114	-	
PRESTON ...	9 9	33	16.5	9.8	13.1	-	20.8	5	1.4	22	-	-	67	63	14	25	15	10	0	0	0	0	0	0	1	-	0	0	-	-	-	
SLAIDBURN ...	9 9	192	15.1	8.0	11.5	-	19.3	5	0.6	22	-	-	146	99	27	2	20	13	0	0	0	0	0	-	5	-	0	0	4.66	-	-	
SQUIRES GATE AIRPORT ...	21-9	10	16.6	10.2	13.4	-0.5	21.8	1	-0.1	22	-	-	45	49	12	1	15	10	0	0	0	0	0	1	4	1	1	1	4.98	113	-	
MERSETSID																																
RIGBORTH ...	9 9	12	17.5	10.8	14.1	-	21.5	1.4	4.0	22	-	-	36	-	14	20	14	10	0	0	1	1	1	0	0	1	0	0	4.46	-	-	
BIDSTON ...	9 9	60	16.4	10.9	13.7	-	22.4	1	5.6	22	-	-	28	40	8	20	13	8	0	0	0	0	2	0	0	0	0	0	4.69	-	-	
ST HELENS ...	9 9	76	17.4	9.5	13.5	-	22.2	1	1.5	22	14.7	-	46	-	9	2	15	11	0	0	0	1	0	-	0	-	0	0	4.73	-	-	
SOUTHPORT ...	9 9	5	16.6	10.0	13.3	-0.4	21.7	1	0.9	22	13.7	13.4	45	51	9	1	12	9	-	-	-	-	-	-	3	-	0	0	4.67	107	-	
WEST KIRBY PARK ...	9 9	7	17.8	10.8	14.3	0.0	22.5	1	5.0	24.29.30	-	-	21	30	5	20	13	7	0	0	0	0	0	-	0	0	-	0	-	-	-	
GREATER MANCHESTER																																
BOLTON ...	9 9	107	16.0	8.6	12.3	-	20.2	5.6	1.0	22	13.5	13.4	92	-	23	2	20	13	0	0	0	0	0	1	0	6	-	0	-	-	-	
MANCHESTER ...	9 9	107	16.0	8.6	12.3	-	20.2	5.6	1.0	22	13.5	13.4	92	-	23	2	20	13	0	0	0	0	0	1	0	6	-	0	-	-	-	
RINGWAY AIRPORT ...	21-9	75	16.8	9.6	13.2	-0.5	21.4	1.5	1.4	22	-	-	43	57	9	2	15	11	0	0	0	1	0	0	0	5	0	0	4.64	117	-	
WEATHER CENTRE (X) ...	21-9	69	17.3	10.8	14.1	-	21.8	1.5	3.3	22	-	-	54	-	17	2	16	8	0	-	0	0	0	1	0	-	-	0	4.47	-	-	
CHESHIRE																																
KNUTSFORD ...	9 9	65	17.3	7.9	12.6	-	22.2	1.6	0.1	22	14.9	15.0	43	56	8	2	14	11	0	0	0	0	0	-	0	4	-	0	-	-	-	
MACCLESFIELD ...	9 9	152	16.5	9.0	12.7	-0.6	23.2	1	0.3	22	-	-	56	68	12	2	16	10	0	0	0	1	0	0	0	-	0	0	-	-	-	
NESS GARDENS ...	9 9	30	17.4	9.6	13.5	-	22.4	1	2.6	22	14.3	-	20	29	3	21	14	9	0	0	0	1	0	0	0	2	-	2	4.24	-	5	
ISLE OF MAN																																
DOUGLAS ...	9 9	85	14.6	9.9	12.3	-0.7	17.0	4	3.5	22	-	-	94	84	24	7	15	11	0	0	0	0	0	3	0	1	-	1	4.10	93	-	
POINT OF AYRE ...	21-9	9	16.3	10.3	13.3	-0.6	20.4	4	4.4	28	-	-	78	93	25	8	10	8	0	0	1	0	0	0	0	-	-	1	4.41	99	-	
RONALDSWAY AIRPORT ...	21-9	16	14.7	10.0	12.3	-1.0	16.5	2	0.6	22	-	-	65	77	19	7	14	10	0	0	1	0	0	1	0	2	0	1	4.25	99	-	
7B WALES N																																
GWYNEDD																																
BALA ...	9 9	163	15.6	7.9	11.7	-	20.5	5	-1.7	22	14.0	14.2	77	68	16	25	14	11	0	0	0	0	0	0	2	8	2	0	4.57	-	-	
BRADSEY ISLAND ...	21-9	15	15.4	12.1	13.7	-	17.4	5	8.4	22	-	-	42	48	14	1	14	9	0	0	0	0	0	1	0	0	0	0	4	-	-	
BETHS-Y-COED ...	9 9	20	15.4	8.5	11.7	-	20.4	1	0.6	22	-	-	105	-	24	25	17	13	0	0	0	0	0	-	-	-	-	0	-	-	-	
BOTHMNOG ...	9 9	34	16.2	10.0	13.1	-	20.4	1	3.7	15	15.2	15.3	62	57	18	1	16	12	0	0	0	0	0	1	0	0	0	0	4.40	-	-	
CHWYSTROLLYN ...	9 9	204	14.9	-	-	-	19.0	5	-	-	-	-	194	-	46	1	18	13	-	-	-	-	-	-	-	-	-	-	3.66	-	-	
LLYN ALAW ...	9 9	44	15.9	8.8	12.3	-	20.0	5	2.0	22	-	-	80	-	17	1	16	12	-	-	-	-	-	-	-	-	-	-	4.89	-	-	
PEN-Y-FFRIDD ...	9 9	84	16.8	9.7	13.3	-	21.6	5	4.3	15	-	-	92	83	16	25	18	12	0	0	0	1	0	0	0	8	-	0	4.69	-	-	
TRANSFYNYDD ...	9 9	193	15.5	9.4	12.5	-	21.6	5	2.0	22	-	-	145	92	27	26	20	15	-	0	-	-	-	0	0	3	1	-	-	-	-	
VALLEY ...	21-9	10	16.1	10.9	13.5	-0.6	19.5	5	3.8	22	-	-	53	59	14	1	14	10	0	0	0	0	0	0	2	0	0	0	4.98	110	-	
CLWYD																																
ALWEN ...	9 9	335	14.8	6.6	10.7	-	19.6	5	-1.5	29	-	-	71	64	19	25	16	13	0	0	0	0	0	1	3	-	-	0	-	-	-	
BMLCHGWYN ...	9 9	386	14.4	7.1	10.7	-	18.8	4	1.0	22	10.7	-	17	17	7	21	14	4	0	0	0	0	0	1	0	-	-	0	-	-	-	
COLWYN BAY ...	9 9	18	16.8	10.5	13.7	-	21.8	1	5.5	29	14.5	-	34	48	10	1	13	8	0	0	0	0	0	0	0	-	-	0	4.66	105	-	
CORMEN ...	9 9	144	16.3	7.0	11.7	-	21.0	5	-1.7	22.29	-	-	39	42	8	25	17	8	0	0	0	0	1	0	0	2	9	-	0	-	-	
HAWARDEN BRIDGE ...	9 9	5	18.1	9.6	13.9	-0.2	22.5	1	1.7	29	-	-	12	19	2	18.21	13	3	0	0	0	0	0	0	0	-	-	0	-	-	-	
LOGGERSHEADS ...	9 9	210	15.8	7.9	11.9	-	21.0	1	-2.0	22	12.8	12.8	26	32	5	1	16	9	0	0	0	0	0	0	1	1	6	-	0	4.84	-	5
PRESTATYN ...	9 9	4	17.1	11.3	14.2	-0.2	22.8	5	5.1	29	-	-	28	44	9	1	15	9	0	0	0	0	0	0	0	-	-	0	4.36	108	-	
RUTHIN ...	9 9	76	17.0	8.5	12.7	-	21.7	4	-0.6	22	-	-	18	25	3	18.21	13	7	0	0	0	0	0	0	1	-	-	0	4.62	-	-	
PONYS(NORTH)																																
FORDEN ...	9 9	91	18.0	7.4	12.7	-	23.2	1	-1.5	22	15.0	-	33	-	6	2	11	10	0	0	0	0	0	0	2	8	-	0	-	-	-	
LAKE VYRMYN ...	9 9	303	14.7	7.9	11.3	-0.7	19.0	5	0.9	22	12.4	-	94	66	18	25	17	14	0	0	0	0	0	0	0	5	-	0	-	-	-	
LLANFAIR CAEREINION ...	9 9	236	16.3	8.8	12.5	-	21.0	1	1.1	22	13.5	-	55	-	11	1	15	10	0	0	0	0	0	0	3	-	0	0	-	-	-	
MOEL CYNNEOD ...	9 9	358	14.7	6.6	10.7	-	18.8	5	-1.7	22	12.1	-	178	-	38	26	20	15	0	0	0	0	0	-	5	10	-	0	-	-	-	
7B WALES S																																
DYFED																																
ABERPORTH ...	21-9	134	15.6	10.3	12.9	-0.8	20.2	5	5.2	28	-	-	45	47	11	1	15	10	0	0	0	0	0	1	0	0	0	0	4.82	111	-	



DISTRICT REGION/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.D.)	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)	PRECIPITATION DATE	G 2 MM OR MORE 1.0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 9H	HAIR	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	RAIN FROST	GRASS MIN. BELOW 0 DEG C	CONCRETE MIN. BELOW 0 DEG C	DRLE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE EXPOSURE			
			MAX. (A)	MIN. (B)			MAX.	DATE																				MIN.	DATE	
8A WALES S CONTINUED																														
MID GLAMORGAN																														
ABERGARE FILTER STATION	9 9	174	-	-	-	-	-	-	-	-	-	-	106	-	30	26	12	9	0	0	0	0	0	0	0	0	0	0	0	
CILFYNYDD	21-9	194	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
LLWYNON	9 9	241	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
PORHCAML	9 9	6	17.5	-	-	-	-	-	-	-	47	49	13	1	13	10	-	-	-	-	0	-	-	-	-	-	-	15.53		
SOUTH GLAMORGAN																														
BRIEGLOND	9 9	40	17.4	10.0	13.7	-	22.1	1	3.3	22	15.6	15.2	71	-	19	19	16	8	0	0	0	0	0	0	0	1	5	0	5.57	
CARLIFF (BUTE PARK)	9 9	9	17.6	9.0	13.3	-	21.2	5	3.0	22	15.9	15.3	59	-	23	1	14	8	0	0	0	0	0	0	0	5	1	0	5.36	
RHOOSE AIRPORT	21-9	67	17.1	10.2	13.7	-	20.7	1	3.1	22	-	-	53	-	18	1	13	10	0	0	0	0	0	0	0	3	1	0	5.37	
GWENT																														
CRUMBLAND	9 9	245	16.4	8.8	12.6	-	20.5	5	2.0	22	13.4	13.4	35	37	13	19	11	7	0	0	0	0	0	4	0	4	0	0	5.37	
USK	9 9	21	18.9	7.5	13.2	-0.2	27.0	7	1.1	14	15.7	15.9	37	42	16	19	8	5	0	0	0	0	0	4	0	0	0	0	141	
8B ENGLAND SW																														
AVON																														
BATH	9 9	118	(17.5)	-	-	-	23.6	1	-	-	-	-	26	35	47	13	8	7	0	0	0	0	0	0	0	7	0	0	5.65	
FILTON	21-9	59	17.6	9.6	13.6	-0.5	22.0	5	-	22	15.3	-	35	47	13	19	8	7	0	0	0	0	0	0	0	7	0	0	132	
LONG ASHTON	9 9	51	17.8	9.2	13.5	-0.6	22.0	5	3.6	22	-	-	38	46	10	19	10	8	0	0	0	0	0	0	0	0	0	0	127	
SOMERSET																														
BRYMORE	9 9	23	18.4	9.4	13.9	-	21.6	26	4.1	28	15.4	-	20	-	7	1	9	5	0	0	0	0	0	0	0	-	0	0	5.26	
CREWKERNE	9 9	101	17.2	9.6	13.4	-	20.5	6	1.8	22	14.9	-	26	-	10	1	7	5	0	0	0	0	0	0	0	-	0	0	-	
DOWNSIDE ABBEY	9 9	183	(16.7) (9.2)	(12.9)	-	-	20.4	5	2.1	22	-	-	36	38	11	19	10	7	0	-	1	0	0	2	0	-	-	-	-	
EXTON	21-9	329	16.0	8.6	12.3	-	20.2	6	1.9	22	-	-	66	-	15	19	16	10	0	0	0	0	4	0	2	0	0	0	-	
HAWKRIIDGE	9 9	314	15.3	7.7	11.5	-	18.8	6	1.8	22	-	-	91	67	25	18	16	12	0	0	0	0	1	0	3	0	0	0	4.44	
NETTLECOMBE	9 9	96	17.4	8.0	12.7	-	21.0	6	3.3	28	15.5	-	19	-	8	1	10	3	0	0	0	0	1	0	5	-	0	0	-	
NETTLECOMBE (BIRDS HILL)	9 9	280	15.4	9.0	12.2	-	18.9	6	2.9	24	-	-	27	-	10	1	11	6	0	0	0	0	1	0	-	-	0	0	-	
RODNEY STONE	9 9	40	17.6	9.6	13.6	-	20.9	5	4.1	22	15.7	15.3	30	35	8	18	9	6	0	0	0	1	0	2	0	0	0	0	4.80	
WINCANTON	9 9	113	17.7	8.9	13.3	-	22.0	6	2.5	22	-	-	26	31	8	19	9	6	0	0	0	1	0	2	0	0	0	0	-	
YEOVILTON	21-9	18	18.1	8.6	13.3	-	22.2	6	1.6	23	-	-	21	30	8	1	7	4	0	0	0	0	1	0	4	0	0	0	-	
DORSET																														
BOURNEMOUTH	21-9	10	18.0	7.9	12.9	-	22.0	6	0.1	23	-	-	11	15	3	19	7	4	0	0	0	0	0	0	6	0	0	0	5.77	
HURN AIRPORT	9 9	50	18.5	8.9	13.7	-	22.5	7	2.4	23	14.7	14.3	17	-	5	19	7	6	-	-	-	0	0	0	2	-	-	-	5.65	
DORSET TECH COLLEGE	9 9	4	17.6	9.5	13.5	-	21.4	6	2.5	23	-	-	16	21	5	19	7	4	0	0	0	0	0	0	0	0	0	0	-	
CHRISTCHURCH	9 9	5	18.3	8.8	13.5	-1.2	22.0	6	1.4	23	15.0	15.3	15	21	4	19	7	6	0	0	0	0	1	0	5	-	0	0	5.63	
POOLE	9 9	5	18.3	8.8	13.5	-1.2	22.0	6	1.4	23	15.0	15.3	15	21	4	19	7	6	0	0	0	0	1	0	5	-	0	0	-	
PORTLAND BILL (COASTGUARD)	21-9	53	16.8	12.1	14.5	-0.8	18.9	4.5-8	4.7	22	-	-	14	-	4	26	5	5	0	0	0	0	2	0	0	0	0	0	0	6.03
SWANAGE	9 9	11	17.3	10.7	14.0	-0.8	19.7	9	4.5	22	-	16.1	26	34	8	19	8	6	0	0	0	0	0	0	0	0	0	0	0	5.88
MEYNHURTH	9 9	23	18.1	10.2	14.1	-	20.4	8	2.5	22	-	-	22	-	5	26	8	6	0	0	0	0	0	0	0	-	0	0	0	5.96
WIMFRITH	9 9	26	17.5	8.4	12.9	-	20.0	6	1.2	23	-	-	21	25	7	26	6	6	0	0	0	0	1	0	8	-	0	0	0	5.98
DEVON																														
CHARMLEIGH	9 9	168	16.8	8.9	12.9	-	20.6	6	2.1	22	14.9	-	43	-	14	1	14	9	0	0	0	0	0	0	4	-	0	0	0	5.03
EXETER AIRPORT	21-9	32	18.1	9.6	13.9	-0.4	23.0	6	3.7	23	-	-	18	27	8	1	7	3	0	0	0	0	1	0	3	0	0	0	0	4.47
EXMOUTH	9 9	59	17.0	10.7	13.9	-0.4	21.3	6	4.0	22	-	-	20	30	11	1	9	6	0	0	0	0	0	0	0	-	0	0	0	5.26
HARTLAND POINT	21-9	93	15.7	12.3	14.0	-0.3	20.8	1	8.2	16	-	-	47	60	13	1	14	9	0	0	0	1	0	5	0	0	0	0	0	5.20
HEMYOCK	9 9	165	16.6	8.9	12.7	-	21.1	6	2.1	23	-	-	18	-	6	1	10	6	-	0	0	0	0	0	0	-	0	0	0	4.96
ILFRACOMBE	9 9	8	17.5	12.4	14.9	-	22.9	5	8.9	22	16.5	15.8	65	68	17	18	12	8	0	0	0	0	0	0	0	-	0	0	0	4.67
MELBURY	9 9	143	16.1	9.3	12.7	-	20.6	5	2.5	16	-	-	84	-	15	18	16	10	-	0	0	0	0	0	0	-	0	0	0	4.92
OKEHAMPTON	9 9	372	14.8	8.8	11.8	-	19.2	5	2.9	22	-	-	51	-	14	1	14	8	0	0	0	0	0	4	0	2	-	0	0	0
PLYMOUTH																														
MOUNT BATTEN	21-9	27	16.9	10.7	13.8	-0.7	20.0	5	5.8	14.21	-	-	38	44	17	1	11	8	0	0	0	0	1	0	0	0	0	0	0	4.89
THE HOE	9 9	36	16.9	10.9	13.9	-0.9	20.6	5	5.0	22	15.5	15.4	26	31	13	1	10	7	0	0	0	0	1	0	0	0	0	0	0	4.72
PRAWLE POINT	21-9	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	5	-	-	-	-	-	-	-
PRINCETOWN	9 9	414	14.0	8.6	11.3	-	18.2	5	1.9	22	-	-	109	-	27	18	14	12	9	0	0	0	0	6	0	2	-	0	0	-
RUMLEIGH	9 9	38	17.3	9.1	13.2	-	21.2	6	1.9	22	15.5	15.2	47	-	17	1	13	10	0	0	0	0	0	0	3	-	0	0	0	-
SIDMOUTH	9 9	10	17.0	10.6	14.1	-0.4	20.4	6	4.4	22	-	-	22	31	10	1	9	5	0	0	0	0	0	0	0	-	0	0	0	-
SLAYTON	9 9	32	18.5	10.6	14.3	-	23.0	7	4.2	22	-	-	42	45	12	1	11	8	0	0	0	0	2	0	1	-	0	0	0	5.29
STARCROSS	9 9	9	17.7	9.8	13.7	-0.6	22.9	6	3.6	22	15.2	-	9	13	3	18	7	3	0	0	0	0	0	2	0	1	-	0	0	108
TEIGNMOUTH	9 9	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TORBAY (TORQUAY)	9 9	8	17.8	10.8	14.3	-0.6	22.0	6	5.4	22	-	16.3	28	37	14	1	9	4	0	0	0	0	0	0	0	0	0	0	0	5.51
TWIST	9 9	186	16.6	9.1	12.9	-	20.2	6	2.7	22	-	-	29	-	11	19	8	5	0	0	0	0	0	0	0	-	0	0	0	4.91
CORNWALL																														
CAMBORNE	21-9	87	16.2	10.9	13.5	-	19.7	5	5.5	14	14.8	14.9	40	-	14	1	14	8	0	0	0	0	2	0	0	0	0	0	0	4.84
BASTREET	9 9																													



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

SEPTEMBER 1979

DISTRICT REGION/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	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																								
NORTHERN IRELAND																																		
LONDONDERRY																																		
AGHANLOO ...	99	18	16.3	8.7	12.5	-	20.6	2	2.5	24	-	-	49	-	9	1	20	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BANAGHER (CAUGH HILL) ...	99	216	14.9	7.8	11.3	-	19.5	1	1.0	29	-	-	89	-	17	19	22	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BOOM HALL ...	99	37	15.9	9.1	12.5	-	21.0	4	3.9	22	-	-	91	-	30	1	22	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
CARMONEY ...	99	73	15.5	8.9	12.2	-	20.0	4	4.0	22	-	-	92	-	37	1	23	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
COLERAINE UNIVERSITY ...	99	23	15.7	8.4	12.1	-	21.0	4	1.3	29	13.4	13.0	65	-	15	1	22	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
COOLKEERAGH ...	99	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
DERRYNOYD FOREST ...	99	88	15.8	8.2	12.0	-	20.9	1	1.1	22	-	-	103	86	25	1	20	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
GARRYVAGH FOREST ...	99	88	15.6	7.8	11.7	-	20.6	25	1.6	22	-	-	74	63	17	1	22	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
LOUGHMORE FOREST ...	99	174	15.0	7.4	11.2	-	19.4	1	-0.4	22	-	-	90	81	15	1	23	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
MOONEYDIO ...	99	34	16.1	7.9	12.0	-0.4	20.0	4	0.0	29	14.9	-	64	64	18	1	23	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TRAAD POINT ...	99	16	15.9	8.2	12.1	-	18.7	25	1.0	22	-	-	71	-	27	1	14	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ANTRIM																																		
ALDERGROVE AIRPORT ...	21-9	68	15.6	9.1	12.3	-0.4	20.1	1	1.2	22	13.9	13.5	52	59	15	7	17	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ALTNAHINCH ...	99	213	13.8	7.2	10.5	-	18.2	1	1.0	15.22	-	-	117	78	32	2	20	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
BALLYLUNFORD ...	99	24	16.1	9.3	12.7	-	20.5	4	2.0	22	-	-	39	-	9	6	16	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
BALLYPATRICK FOREST ...	99	152	14.6	8.3	11.5	-	19.7	4	2.5	15.22	-	-	84	67	12	1	21	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
CARNLOUGH ...	99	12	15.8	8.4	12.1	-	19.6	4	1.3	22	-	-	65	-	11	8	20	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
DIVIS MOUNTAIN ...	99	363	13.1	5.7	9.4	-	17.3	4	-1.1	22	-	-	112	94	23	7	19	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
GREENMOUNT ...	99	38	15.9	8.8	12.3	-	20.8	1	0.8	22	14.4	-	48	57	13	7	14	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HYDE PARK (MALLUSK) ...	99	140	15.3	8.0	11.7	-	19.5	1	2.4	24	-	-	82	-	21	7	21	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
KILROOT POWER STATION ...	99	12	15.8	9.2	12.5	-	19.0	4	2.0	22	-	-	45	-	7	6	19	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
LISNAFILLAN ...	99	38	15.5	7.1	11.3	-	19.6	1	-0.7	22	-	-	79	81	21	1	21	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
LOWTOWN ...	99	271	13.9	7.1	10.5	-	18.7	1	1.1	22	11.6	-	92	65	14	7	21	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PARKMORE FOREST ...	99	235	13.8	6.7	10.3	-	19.0	1	-0.2	22	12.1	-	134	82	19	2	20	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WOODBURN NORTH ...	99	217	14.2	7.9	11.1	-	17.5	4	2.2	22	-	-	86	72	19	7	20	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
BELFAST																																		
ANDERSONSTOWN ...	99	64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
MALONE ...	99	35	16.1	7.3	11.7	-	20.6	1	0.0	28	13.2	-	67	-	20	7	19	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
MILLTOWN ...	99	37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
NEWTOWNABBIEY ...	99	32	16.0	9.8	12.9	-	19.5	1.6	4.0	22	14.3	-	73	74	19	7	16	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ROSEBANK ...	99	47	16.3	8.5	12.4	-	20.0	4	3.2	22.29	-	-	67	-	21	7	20	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ROSETTA ...	99	24	16.2	8.5	12.3	-	20.0	1	1.8	22	-	-	27	30	8	19	12	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SHAW'S BRIDGE ...	99	15	16.3	7.9	12.1	-	20.0	1	0.3	22.28	-	-	61	-	20	7	18	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
STORMONT CASTLE ...	99	56	15.7	8.8	12.3	-	19.2	4	2.2	22	14.1	14.0	63	-	22	7	16	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
DOWN																																		
BANOGH SEACOURT ...	99	15	15.8	10.0	12.9	-	19.8	4	2.6	22	14.5	14.4	49	-	19	7	17	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
BALLYWALTER PARK ...	-	11	-	-	-	-	-	-	-	-	-	-	38	44	16	7	13	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
BALLYMATTICOCK ...	99	6	15.6	9.2	12.4	-	19.4	4	2.4	22	13.0	13.1	42	54	20	7	14	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
BRYANSFORD ...	99	85	16.0	9.3	12.7	-	18.7	16	2.7	22	14.8	14.8	45	-	23	7	13	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
DOWNPATRICK ...	99	26	15.9	9.2	12.5	-	18.7	10.12.25	2.3	22	-	-	42	-	16	7	13	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HELENS BAY ...	99	43	15.9	9.6	12.7	-	19.7	4	4.8	29	-	-	52	62	21	7	16	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HILLSBOROUGH ...	99	116	15.0	7.8	11.4	-1.0	19.2	4	0.9	28	13.0	12.7	60	66	20	7	16	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
LONG KESH ...	21-9	37	15.9	8.3	12.1	-	20.6	1	-0.2	28	13.6	13.5	53	-	17	7	15	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
LOUGH COWEY ...	99	10	15.1	8.9	12.0	-	18.0	4.25	2.5	22	-	-	53	-	14	3	9	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
MAGHERALLY ...	99	97	15.3	6.5	10.9	-	19.2	6	-1.1	28	-	-	46	-	18	7	13	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
MURLOUGH ...	99	9	16.3	8.7	12.5	-	19.8	16	2.4	22	13.0	12.4	41	-	21	7	12	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NEWRY ...	99	1	16.2	8.6	12.4	-	19.2	6	0.5	22	-	-	57	-	16	7	17	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SILENT VALLEY ...	99	129	14.7	8.7	11.7	-	17.6	6	2.9	22	-	-	76	-	25	7	16	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ARMAGH																																		
ARMAGH ...	99	62	15.9	8.5	12.2	-0.8	20.4	1	1.1	29	14.7	14.9	41	51	14	7	13	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
LOUGHCALL ...	99	25	16.1	8.4	12.3	-	21.3	1	0.7	29	-	-	55	73	14	7	15	8	0	0	0	0	0	0	0									



TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

SEPTEMBER 1979

DISTRICT, REGION/COUNTY AND PLACE	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 - 39 M	40 - 190 M	200 - 390 M	400 - 990 M	1000 - 1900 M	2000 - 3900 M	4 - 9 KM	10 - 19 KM	20 - 39 KM	40 KM AND OVER	BEAUFORT FORCE						N	NE	E	SE	S	SW	W	NW							
										MEAN	0	1 - 2	3 - 5	6 - 7											8	SKY OBSERVED	34 OR MORE	22-33	11-21	1-10									0	SPEED (KT)					
NUMBER OF OBSERVATIONS																																													
0 SCOTLAND N SHETLAND																																													
FAIR ISLE	61	9	1009.6	-	10.2	0.9	11.1	88	5.9	0	4	7	10	7	2	0	2	0	0	1	0	5	8	9	5	2	12	10	5	1	2	0	0	0	7	7	9	4							
		15	1010.1	-	10.7	1.0	11.3	87	6.4	0	2	5	12	10	1	0	1	0	1	1	1	1	2	13	4	7	2	9	10	9	0	3	0	1	2	4	10	9							
		21	1009.8	-	9.7	0.8	10.9	89	6.4	0	3	2	16	8	1	0	1	0	1	0	2	9	11	6	2	8	14	5	1	2	0	2	4	5	5	7	4								
LERNICK	83	3	1007.9	-	8.7	0.7	10.4	91	6.4	0	2	7	5	14	2	0	1	1	0	0	2	7	6	13	0	0	6	13	9	2	1	0	3	0	5	11	5	3							
		9	1008.8	-0.6	9.6	1.1	10.4	86	6.5	0	2	4	14	9	1	0	2	0	0	1	2	6	4	12	3	1	9	14	5	1	1	0	2	2	7	6	9	2							
		15	1009.3	-	10.1	1.3	10.6	85	6.3	0	1	8	12	6	3	0	2	1	0	0	2	5	5	9	6	0	7	18	5	0	0	1	0	2	6	9	10	2							
ORKNEY	21	9	1009.4	-	8.7	0.9	10.1	89	5.5	0	7	5	5	9	4	0	3	1	0	0	1	3	4	17	1	0	5	18	6	1	1	0	1	3	8	5	9	2							
		15	1010.6	+0.8	11.0	1.2	11.4	85	5.8	0	3	8	15	4	0	0	0	0	0	0	3	4	18	5	0	5	16	9	0	0	0	0	1	4	8	4	15	2							
		21	1010.6	-	12.2	1.6	11.7	81	6.1	0	1	6	21	2	0	0	0	0	0	1	2	3	15	9	0	6	17	7	0	1	0	1	4	8	1	13	2								
KIRKWALL	26	3	1009.7	-	9.6	0.8	10.9	89	5.5	0	5	8	9	8	0	0	0	0	0	0	1	1	4	21	3	1	3	16	10	0	0	0	0	3	7	7	11	2							
		9	1010.6	+0.8	11.0	1.2	11.4	85	5.8	0	3	8	15	4	0	0	0	0	0	0	3	4	18	5	0	5	16	9	0	0	0	0	1	4	8	4	15	2							
		15	1010.6	-	12.2	1.6	11.7	81	6.1	0	1	6	21	2	0	0	0	0	0	1	2	3	15	9	0	6	17	7	0	1	0	1	4	8	1	13	2								
WESTERN ISLES	21	9	1010.3	-	9.9	0.8	11.0	89	5.7	0	4	7	10	8	1	0	0	0	0	0	0	9	16	4	0	0	2	19	9	0	0	0	2	3	9	6	7	3							
		15	1010.3	-	9.9	0.8	11.0	89	5.7	0	4	7	10	8	1	0	0	0	0	0	0	9	16	4	0	0	2	19	9	0	0	0	2	3	9	6	7	3							
		21	1010.3	-	9.9	0.8	11.0	89	5.7	0	4	7	10	8	1	0	0	0	0	0	0	9	16	4	0	0	2	19	9	0	0	0	2	3	9	6	7	3							
BENBECULA	7	3	1011.5	-	10.5	0.9	11.4	88	5.4	0	8	3	12	7	0	0	0	0	0	1	1	5	13	9	0	6	13	10	1	1	0	0	1	8	5	9	5								
		9	1011.9	+1.8	11.8	1.3	11.8	84	6.1	0	1	9	13	7	0	0	0	0	0	0	6	0	4	10	10	0	4	22	4	0	3	0	0	3	7	5	10	2							
		15	1011.6	-	12.6	1.5	12.2	83	6.2	0	4	3	15	8	0	0	0	0	0	2	0	5	3	12	8	0	6	23	1	0	2	0	0	0	9	9	7	3							
STORNOWAY	5	3	1011.7	-	11.0	1.0	11.7	88	5.6	0	7	4	9	10	0	0	0	0	0	0	2	2	7	13	6	1	6	16	7	0	2	0	0	4	3	5	12	4							
		9	1010.8	-	9.5	0.7	11.0	91	5.5	0	4	9	10	7	0	0	0	0	0	1	0	9	17	3	0	1	12	15	2	0	0	0	2	4	10	9	3								
		15	1011.3	+1.4	11.0	1.1	11.5	86	5.8	0	3	9	11	7	0	0	0	0	0	0	3	7	12	8	0	2	18	10	0	2	0	0	3	9	6	8	2								
HIGHLAND	21	9	1010.9	-	12.4	1.9	11.3	78	6.4	0	0	8	14	8	0	0	0	0	0	0	3	20	4	0	6	18	6	0	2	0	0	3	9	6	8	2									
		15	1010.9	-	12.4	1.9	11.3	78	6.4	0	0	8	14	8	0	0	0	0	0	0	3	20	4	0	6	18	6	0	2	0	0	3	9	6	8	2									
		21	1010.7	-	10.1	0.7	11.4	91	5.3	0	6	6	10	8	0	0	0	0	0	0	2	10	16	2	1	1	12	16	0	1	1	1	1	2	14	7	3								
CAPE WRATH	113	3	1009.3	-	10.1	0.8	11.2	90	6.1	0	1	10	7	11	1	0	1	0	0	0	0	4	12	13	2	7	8	12	1	0	0	0	5	8	11	5									
		9	1010.0	-	9.9	0.6	11.3	92	6.4	0	0	8	11	10	1	0	0	0	1	0	0	1	5	15	8	2	10	8	10	0	0	0	0	4	9	10	7								
		15	1009.9	-	11.2	1.0	11.8	88	6.2	0	1	7	13	7	2	0	2	0	0	1	1	0	2	16	8	2	9	8	11	0	1	0	1	1	1	12	11	3							
DALCROSS	12	9	1009.2	-	10.3	0.7	11.6	91	6.3	0	1	8	9	10	2	0	2	0	0	0	0	1	3	15	9	3	4	11	12	0	0	1	2	2	2	13	6	4							
		15	1009.2	-	10.3	0.7	11.6	91	6.3	0	1	8	9	10	2	0	2	0	0	0	0	1	3	15	9	3	4	11	12	0	0	1	2	2	2	13	6	4							
		21	1009.2	-	10.3	0.7	11.6	91	6.3	0	1	8	9	10	2	0	2	0	0	0	0	1	3	15	9	3	4	11	12	0	0	1	2	2	2	13	6	4							
WICK	37	3	1010.3	-	9.1	0.9	10.4	88	5.2	0	6	7	13	4	0	0	0	0	0	0	1	0	2	18	7	0	2	13	15	0	0	0	0	1	7	6	11	5							
		9	1011.0	+0.7	11.3	1.6	10.9	80	5.4	0	5	7	15	3	0	0	0	0	0	0	1	1	4	11	13	0	4	14	12	0	0	0	2	7	6	8	7								
		15	1010.8	-	12.8	2.3	11.1	74	6.2	0	1	5	23	1	0	0	0	0	0	1	1	1	13	14	0	4	20	6	0	3	0	0	4	9	2	7	5								
1 SCOTLAND E GRANPIAN	21	9	1010.7	-	10.1	1.2	10.5	84	5.3	0	6	7	13	4	0	0	0	0	0	0	1	3	15	11	0	2	14	14	0	1	0	0	3	8	8	6	4								
		15	1010.7	-	10.1	1.2	10.5	84	5.3	0	6	7	13	4	0	0	0	0	0	0	0	1	3	15	11	0	2	14	14	0	1	0	0	3	8	8	6	4							
		21	1010.7	-	10.1	1.2	10.5	84	5.3	0	6	7	13	4	0	0	0	0	0	0	0	1	3	15	11	0	2	14	14	0	1	0	0	3	8	8	6	4							
DYCE	59	3	1012.3	-	9.1	1.0	10.2	86	4.5	4	6	5	11	4	0	0	0	0	0	1	1	2	4	17	5	0	1	8	14	7	0	0	0	2	8	6	6	1							
		9	1013.0	+1.5	11.9	2.1	10.6	75	5.3	0	7	3	16	4	0	0	0	0	0	1	2	3	6	18	0	1	14	13	2	1	0	0	1	7	6	7	6								
		15	1012.5	-	14.3	2.8	11.6	70	5.8	0	1	8	19	2	0	0	0	0	0	0	1	1	2	10	16	0	1	18	11	0	1	0	0	1	4	13	4	2							
FRASERBURGH	22	3	1011.7	-	10.5	1.2	10.9	84	5.2	0	7	7	9	0	0	0	0	0	0	0	2	8	13	6	0	2	9	17	0	0	0	0	5	6	10	6	3								
		9	1012.1	+0.9	11.8	1.6	11.3	80	5.8	0	3	6	16	5	0	0	0	0	0	0	1	3	26	0	0	7	11	12	0	1	0	0	3	9	3	13	1								
		15	1012.1	-	14.0	2.4	11.9	73	5.8	0	1	12	9	8	0	0	0	0	0	0	1	2	27	0	0	5	14	11	0	0	1	2	4	9	2	9	3								
KINLOSS	6	3	1012.1	-	11.6	1.5	11.3	81	5.2	0	5	9	8	8	0	0	0	0	0	0	1	6	23	0	2	2	10	16	0	1	0	0	3	12	6	3	5								
		9	1011.6	-	10.5	1.6	10.5	81	5.2	0	7	7	8	8	0	0	0	0	0	1	1	17	11	0	1	12	16	1	0	0	1	1	9	15	3	0									
		15	1012.4	+1.5	12.3	2.2	10.8	74	5.5	0	4	5	19	2	0	0	0	0	0	0	0	2	8	20	0	1	15	13	1	0	0	1	2	4	16	6	0								
LOSSIEMOUTH	6	3	1011.7	-	14.8	3.3	11.1	65	6.1	0	3	3	24	0	0	0	0	0	0	0	1	2	4	23	0	4	18	8	0	3	1	0	0	6	10	8	2								
		9	1011.8	-	11.5	1.9	10.6	77	5.0	0	4	11	14	1	0	0	0																												



TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

SEPTEMBER 1979

DISTRICT, REGION/COUNTY AND PLACE	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 - 39 M	40 - 190 M	200 - 390 M	400 - 990 M	1000 - 1900 M	2000 - 3900 M	4 - 9 KM	10 - 19 KM	20 - 39 KM	40 KM AND OVER	BEAUFORT FORCE						N	NE	E	SE	S	SW	W	NW																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
									MEAN	0	1 - 2	3 - 5	6 - 7	8											SKY OBSERVED	8 OR MORE	22-33	11-21	1-10	0									SPEED (KT)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

SEPTEMBER 1979

DISTRICT, REGION/COUNTY AND PLACE	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 - 39 M	40 - 190 M	200 - 390 M	400 - 990 M	1000 - 1900 M	2000 - 3900 M	4 - 9 KM	10 - 19 KM	20 - 39 KM	40 KM AND OVER	BEAUFORT FORCE						N	NE	E	SE	S	SW	W	NW								
									MEAN	0	1 - 2	3 - 5	6 - 7	8											SKY OBSERVED	8 OR MORE	6-7	4-5	1-3	CALM																
NUMBER OF OBSERVATIONS																																														
3 EAST ANGLIA -CONTO.																																														
BEDFORDSHIRE																																														
CARDINGTON	30	3	1019.7	-	10.0	0.6	11.8	93	4.2	6	6	5	5	8	0	0	0	0	0	0	0	0	0	0	0	0	0	8	22	0	0	2	3	0	1	4	10	8	2							
		9	1020.5	+ 4.7	14.1	1.9	12.9	79	5.6	2	3	5	13	7	0	0	0	0	0	0	0	0	0	0	0	0	0	7	22	1	3	1	1	1	4	7	11	1								
		15	1019.3	-	16.2	4.5	12.3	58	5.9	0	3	6	17	4	0	0	0	0	0	0	0	0	0	0	0	0	0	15	15	0	0	3	1	1	3	1	12	8	1							
		21	1020.0	-	12.7	1.6	12.3	82	4.8	2	6	7	11	4	0	0	0	0	0	0	0	0	0	0	0	0	0	9	21	0	0	0	0	2	2	10	7	5								
ESSEX																																														
SHOEBURYNESSE	5	9	1020.6	+ 4.4	15.0	2.1	13.4	77	4.8	2	6	4	15	3	0	0	0	0	0	0	0	0	0	0	0	0	0	11	19	0	0	5	0	2	1	4	13	2	3							
		15	1019.6	-	18.1	4.1	13.0	61	4.6	1	8	7	11	3	0	0	0	0	0	0	0	0	0	0	0	0	0	13	17	0	0	0	0	6	2	4	8	6	2							
		21	1020.2	-	14.5	1.7	13.6	81	3.2	8	8	6	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	8	22	0	0	1	4	1	4	12	5	3								
STANSTED	102	3	1019.7	-	10.7	0.8	11.8	90	4.5	4	8	4	6	8	0	0	0	0	0	0	0	0	0	0	0	0	0	4	24	2	5	1	2	1	2	13	3	1								
		9	1020.5	+ 4.7	13.8	2.0	12.5	78	5.0	3	4	6	13	4	0	0	0	0	0	0	0	0	0	0	0	0	0	7	23	0	0	5	1	2	0	3	8	10	1							
		15	1019.3	-	18.0	4.9	11.4	55	4.8	0	7	8	12	3	0	0	0	0	0	0	0	0	0	0	0	0	0	14	16	0	0	3	0	2	0	10	10	3								
		21	1020.1	-	13.1	1.8	12.2	79	4.1	3	9	6	7	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5	24	1	1	3	0	3	0	8	6	3								
4 MIDLAND COUNTIES																																														
WEST YORKSHIRE																																														
HUDDERSFIELD	235	3	1017.4	-	9.4	0.8	10.8	89	5.8	1	2	9	7	11	0	0	0	0	0	0	0	0	0	0	0	0	0	1	8	15	5	0	1	1	0	0	2	9	12	0						
ORKES		9	1018.4	-	12.2	1.3	12.2	85	5.2	2	6	1	16	5	0	0	0	0	0	0	0	0	0	0	0	0	0	4	11	6	9	1	0	0	0	0	8	12	0							
		15	1017.6	-	15.1	2.7	12.5	72	5.6	1	1	11	10	7	0	0	0	0	0	0	0	0	0	0	0	0	0	2	12	15	1	2	0	0	2	4	5	14	2							
		21	1018.1	-	10.9	0.9	11.8	88	5.8	3	2	6	7	12	0	0	0	0	0	0	0	0	0	0	0	0	0	1	7	16	6	2	0	0	0	7	3	7	5							
WILSDEN	267	3	1017.7	-	9.5	0.7	11.1	90	4.8	4	5	6	4	10	1	0	0	0	0	0	0	0	0	0	0	0	0	1	10	14	5	0	0	0	1	5	9	9	1							
		9	1018.2	-	11.3	1.3	11.5	84	5.4	0	3	11	8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	15	14	1	0	1	2	3	0	10	11	2								
		15	1017.5	-	14.1	2.6	11.7	72	5.3	0	5	12	6	7	0	0	0	0	0	0	0	0	0	0	0	0	0	2	13	15	0	1	1	1	6	6	11	3								
		21	1018.2	-	10.8	1.1	11.3	85	4.4	2	8	8	6	6	0	0	0	0	0	0	0	0	0	0	0	0	0	1	11	15	3	1	0	1	3	4	8	9	1							
SOUTH YORKSHIRE																																														
FINNINGLEY	15	3	1017.9	-	10.3	0.9	11.5	89	4.5	4	8	3	8	7	0	0	0	0	0	0	0	0	0	0	0	0	0	8	21	1	2	0	1	2	11	7	4	2								
		9	1018.7	+ 4.1	13.8	2.0	12.5	77	4.8	0	9	5	15	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	15	14	0	4	0	9	4	3	10	9	0							
		15	1017.7	-	17.5	4.2	12.0	59	5.3	1	5	5	15	4	0	0	0	0	0	0	0	0	0	0	0	0	0	1	7	14	8	0	5	0	1	2	8	12	0							
		21	1018.4	-	12.2	1.5	12.0	83	4.5	6	6	1	11	6	0	0	0	0	0	0	0	0	0	0	0	0	0	6	22	2	1	0	2	4	3	9	7	2								
NOTTINGHAMSHIRE																																														
WATNALL	119	3	1018.8	-	10.1	0.7	11.6	91	4.1	8	5	3	7	7	0	0	0	0	0	0	0	0	0	0	0	0	0	4	21	5	1	1	0	0	0	14	8	1								
		9	1019.4	+ 4.6	12.8	1.5	12.5	83	5.5	0	6	4	15	5	0	0	0	0	0	0	0	0	0	0	0	0	0	9	20	1	3	1	1	1	1	13	8	1								
		15	1018.4	-	16.7	3.3	12.9	67	5.6	0	3	8	15	4	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	6	14	5	0	0	1	3	12	7	4							
		21	1019.1	-	12.0	1.3	12.1	84	4.2	8	4	2	10	6	0	0	0	0	0	0	0	0	0	0	0	0	0	1	8	10	11	0	0	0	6	20	4	1								
SALOP																																														
SHAWBURY	76	3	1018.7	-	10.2	0.8	11.6	90	5.2	1	5	7	10	6	1	0	0	0	0	0	0	0	0	0	0	0	0	4	21	0	0	0	4	25	1	1	1	2	10	12	0					
		9	1019.4	+ 4.2	13.1	1.6	12.6	82	5.7	0	2	8	15	5	0	0	0	0	0	0	0	0	0	0	0	0	0	3	5	4	15	3	0	0	1	8	8	1								
		15	1018.5	-	16.5	3.2	12.9	68	5.9	0	1	11	14	4	0	0	0	0	0	0	0	0	0	0	0	0	0	3	4	8	14	0	0	0	15	15	0	4	10	6	3					
		21	1019.1	-	11.9	1.3	12.0	84	5.0	0	8	5	11	6	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	5	19	1	0	0	7	22	1	1	0	2	5	9	7	3		
WEST MIDLANDS																																														
EDGBASTON	165	9	1019.8	+ 4.4	12.2	1.5	11.8	82	5.5	1	5	6	12	6	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	11	10	8	0	0	0	3	23	4	0	0	2	1	6	8	3	6
		15	1018.7	-	16.3	3.5	12.2	65	5.9	0	2	7	17	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	5	19	2	0	0	8	21	1	2	0	3	0	5	8	6	5	
		21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
ELMDON	100	3	1019.6	-	9.7	0.9	11.1	89	4.4	6	4	5	8	7	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	7	12	1	0	0	5	20	5	1	0	0	1	8	8	5	2	
		9	1020.2	+ 4.9	13.0	1.7	12.2	80	5.3	0	5	8	13	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	17	0	0	0	9	4	0	8	5	8	5						
		15	1019.1	-	17.1	4.1	11.9	61	5.3	0	5	7	13	5	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	8	16	3	0	1	12	17	0	1	2	1	6	8	6	4		
		21	1019.9	-	12.1	1.6	11.8	81	4.2	2	10	5	8	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	11	13	0	0	0	8	21	1	1	0	2	3	6	9	4	4
GLOUCESTER																																														
INNSWORTH	24	3	1019.5	-	10.7	0.7	12.0	91	5.3	3	5	3	10	9	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	8	10	8	0	0	0	3	21	6	1	1	0	1	12	4	4	1
		9	1020.4	-	13.5	1.7	12.7	81	5.4	0	7	4	12	7	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	6	6	5	0	0	7	23	0	5	1	0	0	10	9			



TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

SEPTEMBER 1979

DISTRICT, REGION/COUNTY AND PLACE	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)	RELATIVE HUMIDITY (%)	OKTAS					0 - 39 M	40 - 190 M	200 - 390 M	400 - 990 M	1000 - 1900 M	2000 - 3900 M	4 - 9 KM	10 - 19 KM	20 - 39 KM	40 KM AND OVER	BEAUFORT FORCE					N	NE	E	SE	S	SW	W	NW		
									MEAN	0	1 - 2	3 - 5	6 - 7											8	SKY OBSERVED	34 OR MORE	22-33	11-21									1-10	0
NUMBER OF OBSERVATIONS																																						
5 ENGLAND SE & CENT. S. KENT			-CONTD.																																			
DUNGENESS	7	3	1019.9	-	-	-	-	3.6	9	5	5	2	9	0	0	0	0	1	0	1	5	9	14	0	1	0	10	15	4	3	0	2	2	1	6	10	2	
		9	1020.8	-	14.9	1.5	14.3	5.3	3	0	11	7	9	0	0	0	0	1	0	0	9	11	9	0	0	0	13	16	1	2	2	1	4	2	7	6	0	
		15	1020.1	-	-	-	-	4.8	1	5	10	8	6	0	0	0	0	0	0	0	2	4	5	19	0	0	0	18	11	1	0	0	0	5	8	10	0	
		21	1020.4	-	-	-	-	3.6	8	5	8	3	6	0	0	0	0	0	0	0	1	4	6	19	0	0	1	12	15	2	0	1	0	7	12	3		
HANSTON	45	3	1019.8	-	12.1	0.8	12.9	90	3.7	3	10	8	3	6	0	0	0	0	0	0	4	12	3	11	0	0	0	9	21	0	2	1	2	2	1	14	4	4
		9	1020.7	-	15.0	2.0	13.5	78	5.0	2	7	3	13	5	0	0	0	0	0	0	1	9	10	6	4	0	0	13	17	0	5	1	2	2	10	5	3	
		15	1019.8	-	17.7	4.0	12.7	62	4.3	1	10	5	10	4	0	0	0	0	0	0	1	7	4	11	7	0	0	19	11	0	5	1	5	1	2	10	4	2
		21	1020.3	-	13.3	1.4	13.1	84	3.9	6	5	6	9	4	0	0	0	0	0	0	1	8	8	12	1	0	0	12	17	1	1	2	4	3	13	2	2	
HAMPSHIRE																																						
SOUTHAMPTON	9	3	1020.3	-	11.8	0.8	12.7	90	4.3	10	2	2	8	8	0	0	0	0	3	0	1	8	11	7	0	0	0	29	1	1	4	3	0	2	5	10	4	
WEATHER CENTRE (X)	9	3	1021.3	-	14.3	1.9	13.1	79	5.2	0	9	3	10	8	0	0	0	0	1	0	7	10	12	0	0	0	1	29	0	3	1	3	1	4	11	4	0	
	15	3	1020.3	-	17.7	3.8	13.0	63	5.0	2	4	8	12	4	0	0	0	0	1	1	3	6	17	2	0	0	2	28	0	4	1	3	1	3	6	12	0	
	21	3	1020.8	-	13.9	1.5	13.4	83	4.3	4	6	6	9	5	0	0	0	0	1	5	16	6	6	2	0	0	0	30	0	1	1	4	0	2	5	13	4	
WEST SUSSEX																																						
GATWICK	60	3	1020.5	-	9.7	0.4	11.8	95	4.7	4	9	1	5	8	3	0	3	2	3	1	5	9	5	2	0	0	0	3	17	10	2	2	0	1	3	7	4	1
	9	3	1021.3	+5.0	13.6	1.6	12.9	82	5.5	2	4	3	14	7	0	0	0	0	0	0	2	7	10	7	2	0	0	5	25	0	5	3	0	1	4	8	5	4
	15	3	1020.1	-	17.7	4.1	12.4	60	4.7	1	6	8	11	4	0	0	0	0	0	0	1	3	8	9	9	0	0	14	16	0	4	1	2	3	1	14	3	2
	21	3	1020.8	-	11.9	0.9	12.7	89	4.3	5	8	1	12	4	0	0	0	0	1	3	12	9	5	0	0	0	3	25	2	1	0	2	0	6	12	4	3	
EAST SUSSEX																																						
HERSTMONCEUX	28	3	1020.3	-	10.5	0.4	12.4	95	4.2	5	8	4	4	8	1	0	2	0	2	2	4	8	8	4	0	0	0	4	22	4	8	3	1	0	1	5	6	2
	9	3	1021.3	-	14.2	1.4	13.9	84	5.0	1	6	6	11	6	0	0	0	0	0	0	2	6	9	10	3	0	0	4	23	3	4	2	1	2	2	4	10	2
	15	3	1020.4	-	16.8	3.1	13.4	69	4.5	1	8	8	8	5	0	0	0	0	0	0	1	6	5	9	9	0	0	8	22	0	2	4	2	1	1	13	6	1
	21	3	1020.9	-	12.4	0.8	13.3	91	3.9	3	10	6	9	2	0	0	0	0	0	0	3	1	7	9	10	0	0	5	21	4	7	5	1	0	1	6	4	2
7A ENGLAND NW & I.O.M. CUMBRIA																																						
CARLISLE	28	3	1016.1	-	10.5	0.8	11.8	90	5.2	3	5	4	9	9	0	0	0	0	0	0	4	10	16	0	0	0	5	24	1	1	1	2	3	5	7	10	0	
	9	3	1016.7	+3.4	12.5	1.5	12.2	83	5.9	0	3	6	13	8	0	0	0	0	0	1	2	9	12	6	0	0	0	10	20	0	0	1	4	3	2	8	12	0
	15	3	1016.2	-	15.1	2.9	12.1	69	5.7	0	1	11	12	6	0	0	0	0	0	0	1	1	6	9	13	0	0	14	16	0	0	2	2	1	8	13	4	
	21	3	1016.5	-	11.9	1.2	12.1	85	5.3	0	8	5	7	10	0	0	0	0	0	0	1	2	8	16	3	0	0	8	22	0	0	1	2	3	4	10	7	3
LANCASHIRE																																						
RUUGHTON	56	3	1017.8	-	11.4	1.1	11.8	86	5.5	4	3	4	8	11	0	0	0	0	0	1	1	12	15	0	0	0	7	22	1	0	3	1	8	3	8	3	3	
	9	3	1018.5	-	13.0	1.7	12.2	80	6.0	0	2	9	12	7	0	0	0	0	0	1	2	8	1	16	2	0	1	8	20	1	1	2	0	6	4	4	9	3
	15	3	1018.0	-	15.6	3.1	12.1	68	5.7	0	3	6	17	4	0	0	0	0	0	0	0	3	6	16	5	0	1	15	14	0	1	0	0	2	5	4	11	7
	21	3	1018.3	-	12.8	1.7	12.1	80	5.4	1	7	3	12	7	0	0	0	0	0	0	1	0	13	16	0	0	0	6	24	0	1	0	3	3	6	7	6	4
SQUIRES GATE	11	3	1017.4	-	11.7	1.0	12.5	88	5.2	1	7	4	8	10	0	0	0	0	0	1	4	5	16	3	0	2	14	14	0	1	1	4	5	1	7	7	4	
	9	3	1018.2	+4.2	13.5	1.5	13.1	83	5.8	0	3	6	17	4	0	0	0	0	0	1	9	4	14	2	1	0	19	10	0	1	2	1	7	2	6	9	2	
	15	3	1017.7	-	15.6	2.5	13.3	74	5.3	0	6	7	13	4	0	0	0	0	0	0	1	5	12	12	0	1	19	10	0	0	0	0	3	2	9	11	5	
	21	3	1018.0	-	13.0	1.2	13.0	85	5.2	1	6	7	9	7	0	0	0	0	0	0	3	5	16	5	0	2	19	8	1	2	1	3	2	1	9	6	5	
GREATER MANCHESTER																																						
MANCHESTER	42	3	1018.0	-	11.8	1.4	11.7	82	5.0	1	10	2	7	10	0	0	0	0	0	4	11	7	8	0	0	0	4	23	3	2	1	3	1	7	9	4	0	
WEATHER CENTRE (X)	9	3	1018.9	-	13.2	2.2	11.5	75	6.0	0	2	8	13	7	0	0	0	0	1	1	0	13	9	6	0	0	0	5	24	1	1	1	1	2	6	9	7	2
	15	3	1018.0	-	16.3	3.9	11.4	61	5.6	0	3	10	12	5	0	0	0	0	0	0	1	4	11	9	5	0	0	9	21	0	1	1	0	2	6	6	10	4
	21	3	1018.4	-	13.7	2.3	11.9	74	5.4	2	7	1	10	10	0	0	0	0	0	0	1	3	11	13	2	0	0	3	26	1	1	2	3	2	4	8	6	3
RINGWAY	84	3	1018.3	-	11.0	0.9	11.9	88	4.7	4	5	5	7	7	0	0	0	0	0	4	6	10	8	2	0	0	3	25	2	0	0	3	2	17	3	5	0	
	9	3	1019.0	+4.5	12.8	1.7	12.1	81	5.8	0	4	7	11	8	0	0	0	0	0	1	9	16	3	1	0	0	10	20	0	1	2	0	13	8	5	1		
	15	3	1018.0	-	16.2	3.5	12.0	64	5.5	0	3	9	16	2	0	0	0	0	0	0	0	3	7	14	6	0	0	16	14	0	2	0	2	9	4	11	2	
	21	3	1018.7	-	13.0	1.8	12.2	79	5.3	1	6	6	9	8	0	0	0	0	0	2	3	12	12	1	0	0	4	23	3	1	0	3	3	6	7	6	1	
ISLE OF MAN																																						
POINT OF AYRE	9	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	9	3	1017.4	+4.4	13.5	1.8	12.4	79	6.2	0	4	3	12	11	0	0	0	0	0	0	3	3	14	0	0	3	18	8	1	1	0	0	3	4	6	10	4	



TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

SEPTEMBER 1979

DISTRICT, REGION/COUNTY AND PLACE	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 - 39 M	40 - 190 M	200 - 390 M	400 - 990 M	1000 - 1900 M	2000 - 3900 M	4 - 9 KM	10 - 19 KM	20 - 39 KM	40 KM AND OVER	BEAUFORT FORCE										N	NE	E	SE	S	SW	W	NW																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
									NUMBER OF OBSERVATIONS																SPEED (KT)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
									0	1 - 2	3 - 5	6 - 7	8	SKY OBSERVED											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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
BA WALES S -CONTO. SOUTH GLAMORGAN																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														



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

SEPTEMBER 1979

TABLE 3. NUMBER OF DAYS WITH MAXIMUM AND MINIMUM TEMPERATURES BETWEEN GIVEN LIMITS																	TABLE 4. NUMBER OF DAYS WITH MAXIMUM AND MINIMUM TEMPERATURES BETWEEN GIVEN LIMITS																	
STATION	MAXIMUM °C								MINIMUM °C								STATION	MAXIMUM °C								MINIMUM °C								
	0.0 OR LESS	0.1 TO 5.0	5.1 TO 10.0	10.1 TO 15.0	15.1 TO 20.0	20.1 TO 25.0	25.1 TO 30.0	ABOVE 30.0	-15.0 OR LESS	-14.9 TO -10.0	-9.9 TO -5.0	-4.9 TO 0.0	0.1 TO 5.0	5.1 TO 10.0	10.1 TO 15.0	ABOVE 15.0		0.0 OR LESS	0.1 TO 5.0	5.1 TO 10.0	10.1 TO 15.0	15.1 TO 20.0	20.1 TO 25.0	25.1 TO 30.0	ABOVE 30.0	-15.0 OR LESS	-14.9 TO -10.0	-9.9 TO -5.0	-4.9 TO 0.0	0.1 TO 5.0	5.1 TO 10.0	10.1 TO 15.0	ABOVE 15.0	
LERWICK (PSYCHROMETER)	0	0	5	24	1	0	0	0	0	0	0	0	5	23	2	0	CAMBRIDGE BOTANIC GARDENS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LERWICK (SCREEN)	0	0	5	24	1	0	0	0	0	0	0	0	5	23	2	0	EDDABASTON	0	0	0	5	21	4	0	0	0	0	0	0	0	3	13	14	0
STORNOWAY	0	0	2	23	5	0	0	0	0	0	0	0	5	18	7	0	KEM (PSYCHROMETER)	0	0	0	2	16	11	1	0	0	0	0	0	0	8	10	10	2
CRAIBSTONE	0	0	1	14	14	1	0	0	0	0	0	0	9	15	6	0	KEM (NORTH-WALL SCREEN)	0	0	0	3	16	11	0	0	0	0	0	0	0	5	8	15	2
ROTHESAY	0	0	0	17	13	0	0	0	0	0	0	0	4	17	9	0	HASTINGS	0	0	0	1	27	2	0	0	0	0	0	0	0	1	8	19	2
ABBOTSINCH	0	0	0	15	14	1	0	0	0	0	0	1	5	12	12	0	SOUTHAMPTON	0	0	0	2	18	10	0	0	0	0	0	0	0	2	14	13	1
ESKDALEMUIR (PSYCHROMETER)	0	0	0	22	8	0	0	0	0	0	0	4	5	12	9	0	RINDWAY	0	0	0	9	18	3	0	0	0	0	0	0	0	4	9	15	2
ESKDALEMUIR (SCREEN)	0	0	0	20	10	0	0	0	0	0	0	4	5	10	11	0	VALLEY	0	0	0	3	27	0	0	0	0	0	0	0	0	3	6	20	1
DOUGLAS	0	0	0	20	10	0	0	0	0	0	0	0	1	11	18	0	RHOOSE	0	0	0	4	24	2	0	0	0	0	0	0	0	1	11	15	3
BOULMER	0	0	0	13	14	3	0	0	0	0	0	0	7	12	11	0	FALMOUTH	0	0	0	6	24	0	0	0	0	0	0	0	0	0	11	19	0
HULL	0	0	0	2	19	9	0	0	0	0	0	0	4	8	18	0	ALDERGROVE	0	0	0	12	17	1	0	0	0	0	0	0	0	4	14	11	1
DOORLESTON	0	0	0	3	17	10	0	0	0	0	0	0	0	12	16	2	ARMAGH	0	0	0	9	20	1	0	0	0	0	0	0	0	8	11	10	

TABLE 6 SUMMARY OF AUTOGRAPHIC RECORDS OF WIND

SEPTEMBER 1979

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	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)				HOURS OF NO RECORD			
				DATES OF OCCURRENCE				NUMBER OF HOURS				VEER FROM N				SPEED-KT			
0 SCOTLAND N																			
SHEPHERD	LERWICK	93	10	10	16	19	25	6	20	176	356	145	37	0	16.1	240	37	19	08
ORKNEY	KIRKWALL AIRPORT	41	15	10	13			1	12	101	435	171	12	0	14.9	290	34	13	01
WESTERN ISLES	BENBECULA	16	10	10	12			3	17	148	421	126	22	0	16.2	310	39	12	20
	STORNOWAY	12	10	10	12			1	10	74	352	265	28	0	12.8	320	34	12	21
HIGHLAND	DALCROSS	19	10	10				0	7	36	324	282	78	0	10.9	220	28	16	09
	DOUNREAY	34	12	9	13	20		4	10	44	355	246	53	18	12.2	300	36	13	00
	QUIRINISH	38	20	17	DEFECTIVE RECORD														
	FORT AUGUSTUS	58	16	16				0	1	4	171	345	200	0	6.9	240	24	12	18
	WICK	45	10	10	13			1	13	48	379	268	24	0	12.4	320	34	13	00
1 SCOTLAND E																			
GRAMPIAN	ABERDEEN DYCE AIRPORT	68	10	10				0	7	27	283	307	103	0	10.0	280	30	13	00
	FRASERBURGH	29	13	11	13	20		13	12	98	349	248	12	0	13.9	250	47	13	00
	KINLOSS	18	13	13				1	9	44	339	277	59	0	11.5	270	34	13	00
	LOSSIEMOUTH	17	10	10	12	20		3	12	47	319	293	58	0	11.8	270	36	12	23
TAYSIDE	BELL ROCK	39	40	38	10	12	13	27	23	224	365	92	12	0	18.7	240	41	12	21
	MYLNEFIELD	40	10	10				0	0	0	198	306	216	0	7.4	240	21	17	13
	TUMMEL BRIDGE	161	16	16				0	0	0	124	368	217	11	6.6	310	20	12	22
FIFE	LEUCHARS	25	13	13				0	7	48	324	280	68	0	11.3	250	30	18	11
LOTHIAN	EDINBURGH																		
	TURNHOUSE AIRPORT	43	13	10				0	8	28	354	253	85	0	10.9	240	29	12	19
	ROYAL OBSERVATORY, BLACKFORD HILL	159	10	10	12	13		5	15	125	306	250	26	8	14.0	270	36	12	23
	FORTH ROAD BRIDGE	72	72		12	13	17	25	18	165	271	158	53	48	16.2	250	43	12	23
6 SCOTLAND W																			
STRATHCLYDE	ABBOTSINCH AIRPORT	16	10	10				0	5	25	289	303	103	0	10.1	230	28	16	10
	ARDROSSAN	24	20		12	13	20	14	18	113	391	180	21	1	14.8	300	40	20	15
	DUNSTAFFNAGE	13	10	10				0	3	10	373	270	31	36	11.2	240	33	12	21
	GREENOCK PORT	51	49					0	7	27	372	256	59	6	11.5	230	29	12	19
	INCHTERF	55	15	12	DEFECTIVE RECORD														
	LOWTHER HILL	754	27																
	MACHRIHANISH	22	12	12	12	20		4	16	97	425	174	20	0	14.8	290	39	12	20
	PAISLEY	57	25	9				0	3	5	227	353	135	0	8.2	320	25	20	13
	PRESTWICK AIRPORT	21	10	10				0	6	29	352	276	63	0	11.1	320	30	20	17
	TIREE	24	16	12	12			2	20	138	438	128	14	0	15.9	210	38	12	16
DUMFRIES AND GALLOWAY	CHAPELCROSS	64	15	15	DEFECTIVE RECORD														
	ESKDALEMUIR	259	10	10	12	13		5	7	44	275	262	134	0	10.2	270	39	13	00
	WEST FREUGH	25	10	10				0	4	22	387	238	73	0	11.1	320	28	20	12
2 ENGLAND E & NE																			
NORTHUMBERLAND	BLITH	19	10	10	20			2	9	41	264	292	58	63	11.1	260	34	20	13
	BOULMER	33	10	10				0	6	23	239	393	65	0	9.4	240	27	20	11
TYNE AND WEAR	SOUTH SHIELDS	22	17	13				0	7	17	234	334	135	0	8.5	290	29	20	16
CLEVELAND	SOUTH GARE	28	20	20	17	20		13	13	156	315	204	32	0	15.2	250	42	20	14
DURHAM	DURHAM	119	16	10															
NORTH YORKSHIRE	LEEMING	42	10	10				0	6	22	236	350	112	0	9.5	250	30	20	12
	LINTON-ON-OUSE	23	9	10				0	2	11	230	360	119	0	8.8	240	30	20	11
	SILPHO MOOR	207	15	9				0	0	0	105	379	236	0	6.0	210	20	20	10
HUMBERSIDE	SPURN POINT							0	4	18	433	246	23	0	12.1	250	28	20	13
LINCOLNSHIRE	BINBROOK	118	10	10				0	5	26	337	312	45	0	10.8	270	26	20	17
	CONINGSBY	16	10	10				0	1	3	226	355	136	0	8.5	240	23	20	11
	CRANWELL	68	13	13				0	6	26	344	307	43	0	11.1	250	27	20	10
	SCAMPTON	68	10	10				0	2	7	275	367	71	0	9.6	270	25	20	15
	MADDINGTON	80	10	10				0	1	5	242	405	68	0	9.0	250	24	20	12
3 EAST ANGLIA																			
NORFOLK	COLTISHALL	27	10	10				0	1	6	251	326	137	0	8.4	260	24	20	15
	DOORLESTON	16	13	13				0	2	2	355	321	18	24	10.9	020	22	22	02
	HEMSBY	26	13	13				0	0	0	267	366	77	10	8.8	270	20	20	15
	MARHAM	29	10	10				0	1	4	280	337	99	0	9.3	260	22	20	15
CAMBRIDGESHIRE	WITTERING	87	10	10				0	1	5	323	332	60	0	10.1	260	25	20	13
	WYTON	45	10	10				0	0	0	282	378	60	0	9.2	260	21	20	13
SUFFOLK	HONINGTON	60	13	13				0	1	1	274	361	84	0	8.8	260	22	20	15



[illegible]



YEAR MONTH STATION			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													
1977 DEC		EASTHAMSTEAD																												1.16	
1978 DEC		SHOEBURYNESSE																													
1979 JAN		PRESTON MONTFORD	6.1		3.4		15.0	10.12																							
		LYNEHAM						10																							
		HADLOW COLLEGE	(3.4)	(-3.4)	(0.0)			8																		(25)				(1.46)	
	FEB	HADLOW COLLEGE												(56)					(9)												
		SANDOWN																													
		BATH	(3.7)	(0.5)	(2.8)	(-2.2)																									
		BATH	(8.3)	(2.3)	(5.3)																										
	MAR	FORT AUGUSTUS																													
		PARKHEAD																													
		REDESDALE																													
		CHOPWELLWOOD																													
		WASHINGTON																													
		ASKHAM BRYAN																													
		MALHAM TARN																													
		WHITBY (COASTGUARD)																													
		CRANWELL																													
		GORLESTON																													
		TERRINGTON												45																	
		ST CLEMENT																													
		CAMBRIDGE NIAB	12.1		8.1																										
		MEPAL																													
		EAST BERGHOLT		3.8	8.1									49	139	16	23	7	15	10	13										
		STANSTEAD ABBOTTS																													
		WRITTLE	10.3				18.0	14						61	97	21	7	19	11	3	0	1	0	0	2		5		0	4.03	76
		ILKLEY																													
		WINGERWORTH																													
		PRESTON MONTFORD																													
		STRATFORD-UPON-AVON	12.3		7.9	-0.5																									
		PRESTON WYNNE		3.9	7.9																										
		CHELTENHAM	11.8	4.5																											
		AYLESBURY																													
		HAMPTON																													
		WADDON												103	229	22	23		15	13											
		MICKLEHAM																													
		HADLOW COLLEGE	12.6		3.8									45	213	6	7		15	13											
		EVERTON												49	103				16	13											
		HAYLING ISLAND	11.4																												
		SPARSHOLT																													
		RYDE																													
		SANDOWN		5.1	8.2	-1.1																									
		PLUMPTON		4.7	8.2																										
		KIRKHAM		3.9																											
		BOLTON	10.4																												
		BETWS-Y-COED																													
		BOTWNNOG																													
		TRAWSFYNYDD																													
		ALWEN																													
		BWLCHGWYN	8.3		5.2																										
		MOEL CYNNEDD	9.2	1.1	5.1																										
		CARMARTHEN																													
		TENBY																													
		PORTHCAWL	11.6		8.5		20.0																								
		CARDIFF (BUTE PARK)																													
		BATH	12.1	4.7	8.1																										
		WINCANTON		4.2																											
		EXMOUTH	12.1	5.5	8.8	0.0	19.2	15	-0.4	3																					
		HEMYOCK																													
		PLYMOUTH THE HOE																													
		TEIGNMOUTH																													
		LIZARD																													
		NEWQUAY		5.9																											
		PENZANCE																													
		ST AUSTELL (BETHEL)																													
		COLERAINE	9.5	3.5	6.5		13.8	17.27	-4.0	6	6.9	6.2	45		5	9.22	21	19	5	0	1	3	0	0	2		12	13		0	6.46
		LOUGHMORE FOREST																													
		MONEYDIO																													
		MILLTOWN	11.0					16																							
		BRYANSFORD																													

(X) URBAN ROOFTOP SITE



## MONTHLY WEATHER REPORT

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

## Mostly changeable; warm first half of month.

At the beginning of the month an anticyclone was centred over Scandinavia and as the centre of high pressure moved slowly south-eastwards over eastern Europe between the 1st and 4th a series of frontal troughs crossed the British Isles from the south-west. By the 5th a deep depression had become slow-moving over the Atlantic to the west of Ireland and a southerly airstream was established over the British Isles. The low-pressure area persisted to the west of Ireland for several days with further frontal troughs moving slowly north-eastwards over all districts. On the 12th the depression began to move slowly south-eastwards towards Biscay and a complex low-pressure area then developed from Spain across the Low Countries to eastern Europe. During the 16th a ridge from the Azores anticyclone extended over the British Isles but the high-pressure centre was quickly transferred to the Biscay area allowing further fronts to cross all districts from the west during the next few days.

On the 20th an anticyclone moved over south-western parts of the British Isles and then intensified steadily as it continued to move slowly towards Scandinavia. Although high pressure persisted over Scandinavia and north-west Russia until the end of the month, frontal systems moving from the west made erratic progress over the British Isles, finally clearing eastern coastal areas early on the 29th. During the 30th and 31st further fronts, associated with a deep depression south of Iceland, crossed all districts followed by a showery south-westerly airstream.

## Weather

Changeable weather affected the United Kingdom for most of the month, although there were brief anticyclonic interludes. Periods of rain or showers occurred in all areas from time to time, and there were thunderstorms in places, particularly during the first half of the month. The weather was rather warm at first but from mid-month onwards temperatures were mostly near normal with a slight frost in many areas during the last few days.

## Wind

Winds were frequently fresh or strong in coastal areas, except for a few days around the middle of the month, when speeds were light in most districts. Gales occurred around the northern coasts of Scotland, Orkney and Shetland during the first week and on many days between the 18th and 30th; on the 19th a gust of 58 kt was recorded at Lerwick in the Shetland Isles. In inland areas winds were generally lighter throughout the month, although gales occasionally affected exposed high ground during the latter half. Wind directions were mostly between south-east and south-west but there was a spell of easterly to north-easterly winds for a few days around mid-month.

## Temperature

Monthly mean temperatures were above average in all districts. Values in most places were up to 1 °C above normal, but in small areas around the Thames estuary, in Greater Manchester and in parts of the Highland and Grampian Regions of Scotland values a little over 1 °C above normal were recorded.

The first half of the month was generally rather warm with maxima of at least 21 °C occurring at many

places between the 7th and 9th. The night of 8th/9th was also unusually warm in many areas; at Manchester Airport the minimum of 16.8 °C on that night was the highest recorded in any October in the Manchester area in composite records beginning there in 1877. Temperatures during the latter half of the month were near normal with slight frost occurring in many districts during the last few days.

## Rainfall

Monthly rainfall totals were above average over eastern and southern Scotland, most of Northern Ireland and parts of the Isle of Man. Rainfall was also above average in north-east England, in an area extending southwards from Cleveland to West Sussex, in south-west England, in western districts of Wales and around Merseyside. Elsewhere in the United Kingdom values were below normal. In Scotland, more than twice the normal rainfall for October fell in the Aberdeen area but, in contrast, only about half the normal was recorded in some north-western parts of the Highland Region. There were also large variations in the rainfall totals recorded in some parts of England; in coastal areas of East Anglia and the south-east less than 50 per cent of normal was recorded, while around 150 per cent fell in parts of Cambridgeshire and Bedfordshire.

Generally changeable weather, with occasional periods of rain or showers, affected the United Kingdom for most of the month, although rainfall amounts were very variable. Heavy falls of rain occurred in some areas; on the 4th, during prolonged rainfall over parts of Scotland and Northern Ireland, 90.3 mm was recorded at Aberdeen Airport (Grampian Region) in 15 hours commencing at 0300 GMT, and falls of more than 50 mm were recorded at several places in Co. Down in the 24 hours ending at 0900 GMT on that day.

## Snow

Sleet showers were reported in the Orkney Isles on the 20th, but otherwise reports of snowfall were restricted to the higher parts of the Scottish mountains on a few occasions during the latter half of the month.

## Sunshine

Monthly sunshine totals were above average over

north-western parts of Scotland and most of Northern Ireland. Above-average sunshine was also recorded over much of England and Wales, apart from northern counties, some southern and eastern coastal districts and a few widely scattered districts elsewhere. Values exceeded 130 per cent of normal in parts of Co. Down, in the Great Glen (Highland Region) and in places around the Greater London area. In contrast, some areas in southern and eastern Scotland had only around 75 per cent of their normal sunshine for the month and at Lerwick (Shetland Isles) only 41.3 hours of sunshine (67 per cent of normal) was recorded, the lowest October total there since 1945.

All areas enjoyed sunny days at times throughout the month although there were no long, persistently sunny spells over the United Kingdom as a whole. Over England and Wales the 5th and 18th were particularly sunny days, but in Scotland the sunniest period was between the 20th and 22nd.

## Fog

Overnight fog patches formed frequently in inland areas throughout the month, particularly in England and Wales, although southern parts of Scotland were also affected at times. On the 14th, 15th and 16th fog was slow to clear in central and eastern areas of England, and on the 21st fog did not clear until early afternoon in the Central Lowlands of Scotland. On the night of 27th/28th fog became widespread over the southern half of England and eastern parts of Wales causing some disruption to air traffic at Heathrow and Gatwick Airports for a time on the morning of the 28th.

Hill and coastal fog occurred at times, particularly during the first half of the month. The main areas to be affected were coastal districts of north-east England and eastern Scotland, but on occasions fog also developed around the coasts of northern Scotland, Orkney and Shetland. On the 2nd fog persisted throughout the day in places near the east coasts of England and Scotland.

## Miscellaneous Phenomena

None reported.

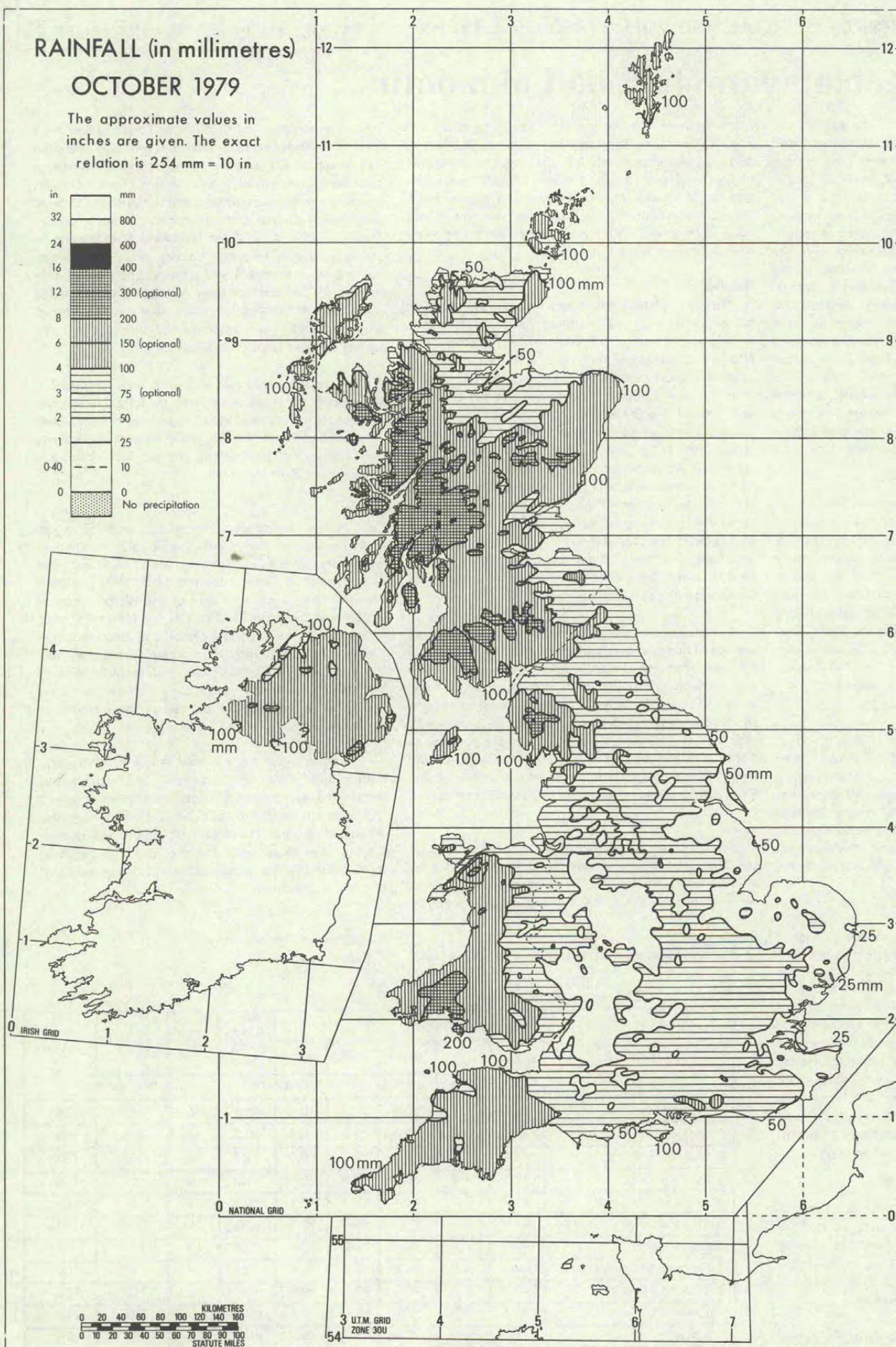
Table 1 District values

District	air temperature °C					mean 30-cm earth temp °C	rain- days	rainfall	sun- shine
	Highest Max*	Lowest Min*	max.	min.	mean				
			difference from average						
0 Scotland N	21.6	0.1	+0.5	+0.7	+0.6	−0.2	−1	89	99
1 Scotland E	20.4	−2.0	+0.1	+1.5	+0.8	+0.8	+2	134	84
2 England E & NE	21.5	−2.7	+0.3	+0.7	+0.5	+0.7	0	107	103
3 East Anglia	21.5	−1.7	+0.7	+0.8	+0.8	+0.6	0	93	105
4 Midland Counties	21.2	−1.7	+0.7	+0.4	+0.6	+0.5	+1	91	106
5 England SE & Central S	21.0	−1.3	+0.7	+0.9	+0.8	+0.5	0	79	113
6 Scotland W	20.0	−2.0	+0.4	+1.0	+0.7	+0.4	+3	116	85
7 England NW & Wales N	22.0	0.0	+0.4	+0.8	+0.6	+0.4	+4	87	99
8 England SW & Wales S	20.3	1.2	+0.5	+0.5	+0.5	+0.8	+2	102	102
N Ireland	18.7	−0.8	+0.5	+0.6	+0.5	+0.4	+6	129	112
Scotland	21.6	−2.0	+0.3	+1.1	+0.7	+0.3	+1	113	89
England & Wales	22.0	−2.7	+0.5	+0.7	+0.6	+0.6	+1	93	105

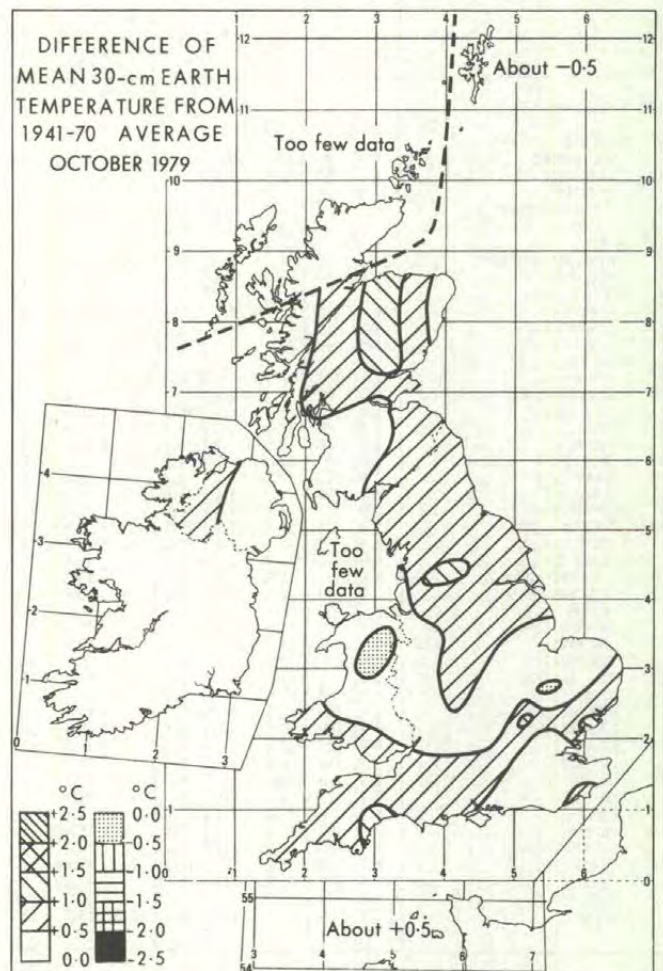
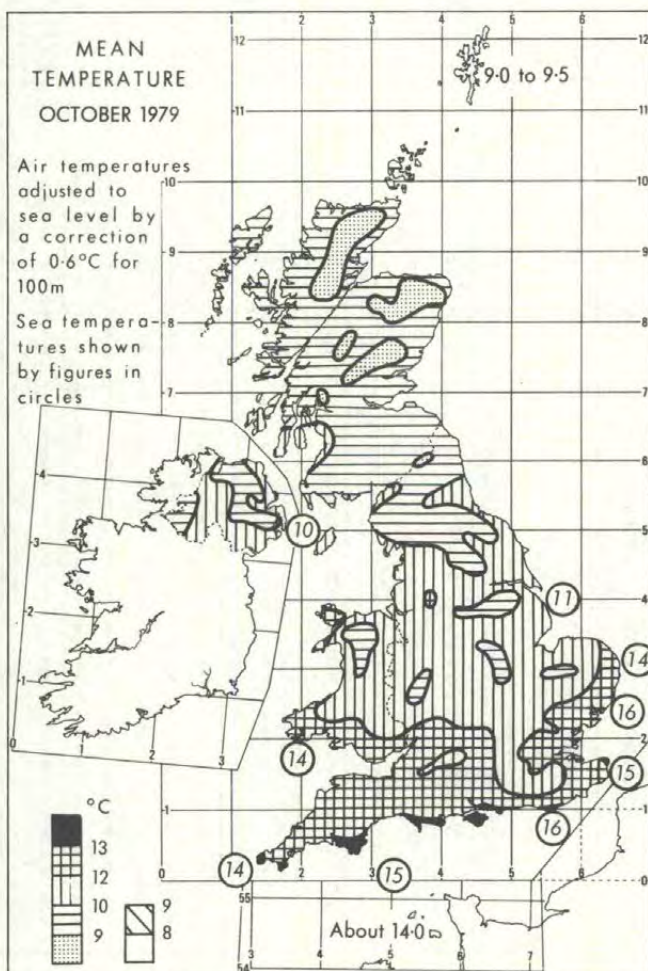
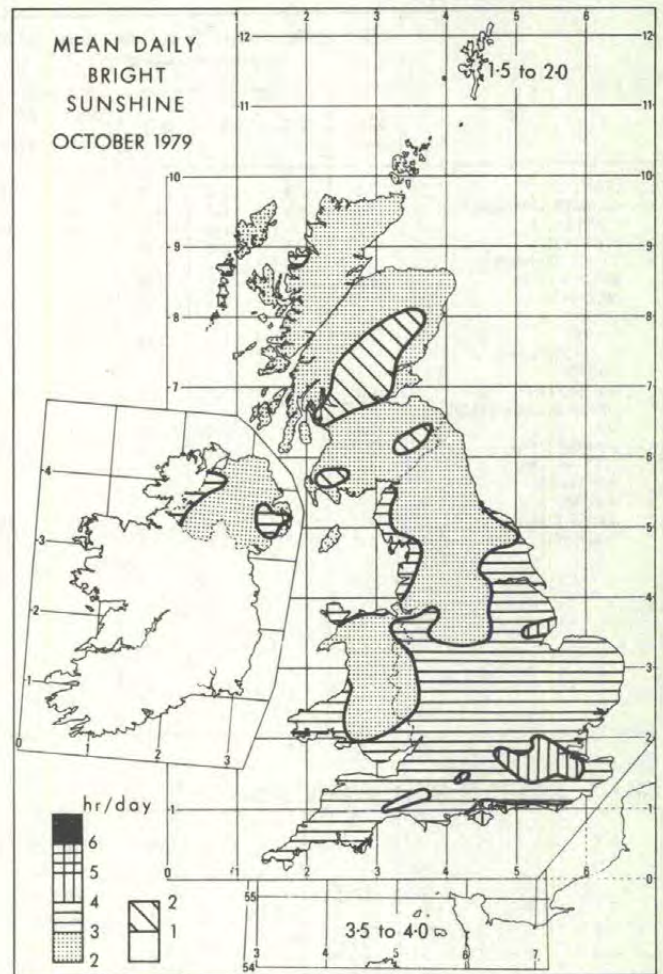
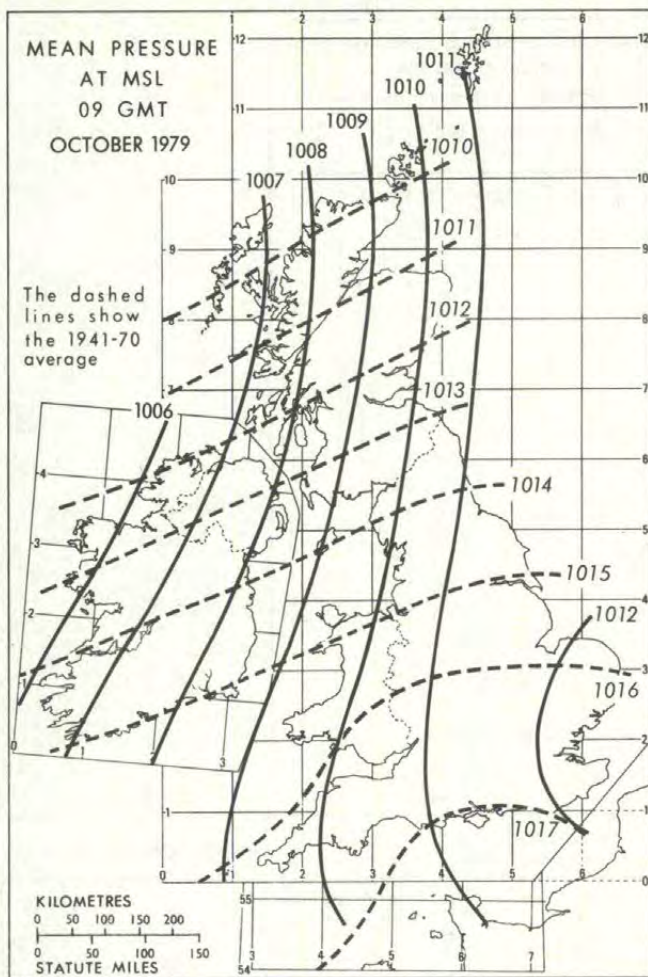
\* Highest maximum and lowest minimum of District Value Stations



## OCTOBER 1979









OCTOBER 1979

STATION	DAILY GLOBAL IRRADIATION ON A HORIZONTAL SURFACE (MEGAJouLES PER SQUARE METRE)						DAILY DIFFUSE IRRADIATION ON A HORIZONTAL SURFACE (MEGAJouLES PER SQUARE METRE)					
	MAX.	DATE	MIN.	DATE	DAILY MEAN	NO. OF DAYS	MAX.	DATE	MIN.	DATE	DAILY MEAN	NO. OF DAYS
LEARNICA	7.8	8	0.2	5	2.5	28	7.7	8	0.3	5	2.1	28
ABERDEEN UNIVERSITY	9.2	6	0.2	4	3.5	31						
ESDALEMUIR	8.7	21	0.4	30	4.0	31	6.5	8	0.4	30	3.1	31
MOOR HOUSE	11.7	5	0.6	26	5.1	31						
SUTTON BONINGTON												
GRAHAM WATER	12.8	5	1.0	25	6.4	31						
ABERPORTH	11.5	4	1.4	23	5.8	29	7.0	10	1.4	23	3.5	29
CARDINGTON	13.1	5	1.0	25	6.5	31	6.4	2	1.0	25	4.0	31
SILSOE	12.9	5	1.0	10	6.8	31	6.2	6	1.0	10	3.8	31
ROTHAMSTED												
GRAYSTON												
WALLINGFORD	11.1	5	1.6	10	6.4	31						
LONDON WEATHER CENTRE												
KEN	11.6	5	0.9	10	6.3	28	6.7	1	1.0	10	3.9	28
EASTHAMSTEAD	12.4	5	1.1	10	7.1	31	6.1	6	1.0	10	3.9	31
EAST HALLING												
RUSTINGTON	14.1	5	1.5	10	7.6	31						
WAREHAM												
JERSEY AIRPORT	16.2	5	1.2	23	7.7	30	7.4	2	1.2	23	4.4	30
ALDERGROVE	8.9	2	0.6	26	4.7	22	5.6	2	0.6	26	3.2	22

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

OCTOBER 1979

[illegible]



OCTOBER 1979

DISTRICT REGION/COUNTY AND PLACE		MAX. TERMINAL HEIGHT MIN. OF OBSERVATION	HEIGHT OF STATION (METRES) ABOVE MSL	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 8-1)	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 (MM)	PRECIP- ITATION	SHOW OR SLEET	SHOW LYING AT 9H	HAIL	ICE PELLETS-ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS MIN. BETW 0 DEO C	CONCRETE MIN. BETW 0 DEO C	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1841-70 AVERAGE EXPOSURE	
				MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE			100 CM DEGREES C	100 CM DEGREES C																TOTAL FALL (MM)
1 SCOTLAND E																															
GRAMPIAN																															
ABERDEEN																															
DYCE AIRPORT ... .. 21-9 58 12.2 7.8 10.0 +0.9 17.1 9 -0.4 30 - - - 171 214 67 4 16 14 0 0 0 0 1 3 1 2 2 0 2.28 75 -																															
MAMMOFIELD ... .. 9 52 11.8 7.9 9.9 +0.6 15.6 8 -1.8 21 - - - 156 200 62 4 19 12 0 0 0 0 1 2 0 0 0 0 - - -																															
BALMORAL ... .. 9 283 11.1 5.1 8.1 +0.5 17.1 8 -1.8 21 - - - 86 108 25 4 23 12 0 0 0 0 0 0 0 0 0 0 - - -																															
BANCHORY ... .. 9 94 12.2 7.1 9.7 - - - 17.4 9 -1.0 21 - - - 111 - 40 4 20 11 0 0 0 0 1 1 2 3 2 1 1.89 - - -																															
BANFF ... .. 9 24 12.1 8.4 10.3 - - - 17.2 8 2.9 30 10.2 - - - 83 120 28 4 17 10 0 0 0 0 1 2 0 0 0 0 - - -																															
BREARNA ... .. 9 339 10.8 5.7 (1.8) (1.0) 16.9 9 -1.5 22 - - - 93 (107) 22 25 (20) (16) - - -																															
CLASHMOIR ... .. 9 338 10.4 5.2 8.0 - - - 17.4 9 -1.0 29 8.4 - - - 67 16 4 4 22 14 0 0 0 0 1 0 0 0 0 0 7 - - -																															
CRAIBSTONE ... .. 9 91 11.8 7.5 9.7 +0.6 17.1 8 -1.2 30 9.9 10.5 179 219 67 4 16 14 0 0 0 0 1 5 0 0 0 0 - - -																															
CULTERTY ... .. 9 3 12.0 7.8 9.9 - - - 14.9 19 -0.7 30 - - - 141 211 54 4 16 14 0 0 0 0 2 2 1 0 0 0 - - -																															
ELGIN ... .. 9 15 13.3 7.3 (10.3) - - - 20.0 9 1.0 30 - - - 52 78 14 4 18 11 (10) (13) 0 0 0 0 0 0 1 0 0 0 0 7 - - -																															
FOREHILL ... .. 9 40 11.7 8.2 9.9 - - - 15.2 8 3.1 30 - - - 141 - 56 4 18 14 0 0 0 0 1 2 0 0 0 0 - - -																															
FORRES ... .. 9 5 13.6 7.5 10.5 +1.2 19.9 9 0.7 29 9.9 10.3 49 - 13 4 18 10 0 0 0 0 0 0 0 0 0 0 0 1 2.36 81 -																															
FRASERBURGH ... .. 21-9 19 12.0 8.5 10.3 - - - 17.0 8 4.5 29.30 (105) (157) 36 4 (16) (115) 0 0 0 0 0 0 2 0 1 0 0 0 - - -																															
FYVIE CASTLE ... .. 9 55 12.0 6.7 9.3 - - - 17.0 8.9 -1.0 30 - - - 111 136 35 4 21 17 0 0 0 0 1 1 1 9 7 - - -																															
GARTLY ... .. 9 146 11.6 6.7 9.1 - - - 17.5 8 0.2 30 - - - 101 - 30 4 23 14 - - - - - - - - - - - - -																															
GLENLIVET ... .. 21-9 215 12.0 5.9 8.9 - - - 19.0 9 -0.4 29.30 65 79 11 4 23 14 0 0 0 0 0 0 1 3 6 3 0 2.36 - - -																															
INVERURIE ... .. 9 54 12.4 7.1 9.7 - - - 17.7 8 -0.9 30 - - - 123 - 42 4 18 12 0 0 0 0 0 0 1 3 1 6 0 0 2.11 - - -																															
KEITH ... .. 9 106 12.2 6.3 9.3 - - - 19.5 9 -0.9 30 - - - 75 - 20 4 18 11 0 0 0 0 0 0 0 1 6 - 0 2.25 - - -																															
KINLOSS ... .. 21-9 5 13.4 7.6 10.5 +1.0 20.4 9 0.9 30 10.6 - - - 44 75 13 4 18 9 0 0 0 0 0 0 0 0 2 2 0 2.63 - - -																															
LOSSIEMOUTH ... .. 21-9 6 13.0 7.1 10.1 - - - 20.0 9 -1.1 29 - - - 55 90 17 4 19 14 0 0 0 0 0 0 0 2 5 2 2 - - -																															
STONEHAVEN ... .. 9 9 12.5 7.9 10.2 +0.7 16.6 8 0.8 30 - - - 155 204 56 4 18 11 0 0 0 0 1 3 0 - - - 1.96 68 -																															
TAYSIDE																															
ARBROATH ... .. 9 9 120 12.1 8.6 10.3 - - - 15.6 8 2.4 21 - - - 93 164 30 3 17 13 0 0 0 0 0 0 4 0 8 - 0 2.59 80 -																															
ARDLATHNAIG ... .. 9 139 12.1 7.1 9.6 - - - 18.3 8 1.5 29 - - - 137 98 18 30 23 19 0 0 0 0 0 0 1 0 0 - 0 1.62 - - -																															
DALL ... .. 9 232 11.3 5.3 8.3 - - - 16.5 8 -2.0 29 - - - 142 112 24 25 23 19 0 0 0 0 0 0 3 4 12 - 0 - - -																															
DRUMMOND CASTLE ... .. 9 113 11.8 6.6 9.2 - - - 18.0 9 -0.7 29 10.7 - - - 152 - 35 3 26 18 0 0 0 0 0 0 - 1 7 - 0 1.65 - - -																															
DUNDEE ... .. 9 45 12.5 8.1 10.3 +0.8 18.8 8 2.5 29 10.4 - - - 103 158 32 3 20 10 0 0 0 0 0 0 4 0 8 - 0 2.37 81 -																															
FASKALLY ... .. 9 94 12.1 7.1 9.6 - - - 16.8 8.9 -0.8 29 10.9 11.8 98 113 14 3 23 16 0 0 0 0 0 0 0 2 6 - 0 - - -																															
KINDROGAN ... .. 9 259 10.5 5.6 8.1 - - - 15.5 8 -1.8 21 - - - 115 - 20 4 25 19 0 0 0 0 0 0 4 4 10 - 0 - - -																															
KINROSS ... .. 9 116 12.1 6.5 9.3 - - - 19.0 9 -0.5 21 9.7 - - - 93 - 17 30 17 14 - - - - - 1 4 - - 1.84 - - -																															
MONTROSE ... .. 9 57 11.9 8.0 9.9 - - - 17.5 8 1.0 21 - - - 121 178 33 3 22 10 0 0 0 0 0 0 4 0 2 - 0 - - -																															
MYLNEFIELD ... .. 9 30 12.5 8.0 10.3 - - - 18.3 8 1.5 21 10.7 11.0 91 147 29 3 22 10 0 0 0 0 0 0 3 0 7 - 0 2.06 - - -																															
PERTH ... .. 9 23 12.7 7.0 9.9 +0.6 18.2 9 -0.7 21 - - - 78 114 15 3 21 13 - - - - - 1 2 - - - - -																															
STRATHALLAN ... .. 9 41 12.9 6.9 9.9 - - - 19.7 9 0.2 21 - - - 83 - 23 3 24 15 0 0 0 0 0 0 0 8 - 0 - - -																															
USAN ... .. 21-9 30 -																															
WHITEHILLOCKS ... .. 9 258 11.3 6.4 8.9 - - - 18.3 8 -1.7 21 - - - 180 165 45 4 24 18 0 0 0 0 0 2 3 6 - 0 - - -																															
FIFE																															
BELLISTON ... .. 9 82 12.3 8.0 10.1 - - - 18.7 9 -2.8 29 11.0 - - - 72 110 19 3 21 11 0 0 0 0 0 0 4 0 5 - 0 - - -																															
CUPAR ... .. 9 36 12.8 7.0 9.9 - - - 18.9 8 -0.4 21 10.1 - - - 70 - 19 3 21 12 0 0 0 0 0 0 1 8 - 0 2.37 - - -																															
LEUCHARS ... .. 21-9 10 12.7 7.7 10.2 +0.5 19.6 9 1.4 30 - - - 74 128 23 3 22 10 0 0 0 0 0 0 1 0 8 4 0 2.46 75 -																															
PITREAVIE ... .. 21-9 40 13.0 7.9 10.5 - - - 20.5 9 1.8 21.29 - - - 98 153 22 3 23 18 0 0 0 0 0 1 0 6 1 0 - - -																															
ST ANDREWS ... .. 9 18 12.5 8.0 10.3 - - - 18.5 8.9 2.6 21 10.3 11.2 73 125 23 3 20 11 0 0 0 0 0 6 0 3 - 0 2.10 - - -																															
LOTHIAN																															
BUSH HOUSE ... .. 9 9 184 12.3 6.7 9.5 - - - 18.3 9 -0.2 6 10.2 10.9 110 147 39 13 14 11 0 0 0 0 0 0 5 2 8 - 0 2.15 - - -																															
DUNBAR ... .. 9 23 13.1 8.4 10.7 +0.5 19.9 8.9 3.0 21 - - - 69 141 13 10 21 11 0 0 0 0 0 0 3 0 - - 0 2.65 78 -																															
EDINBURGH																															
EAST CRAIGS ... .. 9 61 12.9 7.4 10.1 - - - 19.5 9 0.9 28 10.8 - - - 92 - 26 13 22 16 0 0 0 0 0 0 1 0 9 - 0 2.35 - - -																															
ROYAL BOTANIC GARDEN ... .. 9 26 13.4 7.6 10.5 +0.6 20.1 9 0.4 27 10.0 - - - 84 149 23 13 17 12 0 0 0 0 0 0 0 0 7 - 0 2.41 82 -																															
ROYAL OBSERVATORY																															
BLACKFORD HILL ... .. 9 134 12.6 7.8 10.2 +0.4 19.1 9 3.2 22 - - - 83 146 26 13 19 12 0 0 0 0 0 2 0 1 - 1 2.30 73 -																															
TURNHOUSE AIRPORT ... .. 21-9 35 13.4 7.5 10.5 +0.8 19.9 9 -0.6 28 - - - 99 168 28 13 22 15 0 0 0 0 0 0 2 7 5 0 2.10 74 -																															
HADDINGTON ... .. 9 49 13.3 7.0 10.1 - - - 20.5 9 -0.5 21 - - - 73 140 19 3 18 12 0 0 0 0 0 0 0 1 - - 0 - - -																															
LIVINGSTON ... .. 9 125 12.7 6.3 9.5 - - - 18.8 9 -1.2 28 10.4 - - - 93 - 27 13 25 17 0 0 0 0 0 0 4 3 7 - 0 - - -																															
NUNNAN ABBEY ... .. 9 195 12.0 7.3 9.7 - - - 18.6 9 1.6 28 - - - 68 - 19 13 18 14 0 0 0 0 0 0 0 0 - - 0 - - -																															
PATHHEAD ... .. 9 131 12.5 7.2 9.9 - - - 19.1 9 1.5 28 9.9 - - - 71 - 19 13 18 12 0 0 0 0 0 0 2 0 3 - 0 - - -																															
PENICUIN ... .. 9 189 12.0 5.9 8.9 +0.1 19.0 8.9 -1.2 28 9.8 - - - 107 133 34 13 22 18 0 0 0 1 0 4 2 7 - 0 2.00 75 -																															
ROSLIN ... .. 9 152 12.6 6.5 9.5 - - - 18.4 8.9 0.9 27.28 - - - 93 - 33 13 24 14 0 0 0 0 0 0 2 0 6 - 0 2.01 - - -																															
BORDERS																															
BLYTH BRIDGE ... .. 9 253 11.6 6.5 9.1 - - - 18.0 8.9 -1.6 21 - - - 104 122 26 13 24 20 0 0 0 0 0 1 1 7 - 0 2.17 - - -																															
BLYTHE ... .. 9 262 11.5 6.2 8.9 - - - 17.1 8.9 0.4 29 - - - 82 110 15 13 18 14 0 0 0 0 0 6 0 9 - 0 2.19 - - -																															
BONCHESTER BRIDGE ... .. 9 146 (13.2) (6.3) (9.7) - - - 19.6 8 -1.5 6.21 - - - 90 - 27 13 (15) (115) - - - - - 0 3 - - - - -																															
BONHILL (SELKIRK) ... .. 9 168 12.4 6.0 9.2 - - - 18.2 8 -0.5 21 - - - 87 117 40 13 16 14 0 0 0 0 0 5 3 - 2 - - -																															
FLORDS CASTLE ... .. 9 59 13.0 6.2 9.6 - - - 18.3 8.9 0.0 21 - - - 71 120 17 3 13 12 0 0 0 0 0 0 0 0 - - 0 - - -																															
GALASHIELS ... .. 9 198 11.9 6.6 9.3 - - - 17.4 9 -0.3 21 - - - 88 - 24 13 21 15 0 0 0 0 0 6 1 5 - 0 1.80 - - -																															
GLENTRESS ... .. 9 165 12.7 6.6 9.7 - - - 18.6 8 -0.2 6 - - - 86 115 24 13 24 17 0 0 0 0 0 1 1 - - 0 - - -																															
GREYCRUICK ... .. 9 76 12.9 6.2 9.5 - - - 18.6 9 -1.0 21.22 11.1 - - - 75 - 24 13 17 12 0 0 0 0 0 3 2 7 - 0 - - -																															
KELSO ... .. 9 34 13.5 7.1 10.3 - - - 19.3 8 -0.6 21 - - - 70 - 15 3 17 11 0 0 0 0 0 0 1 7 - 0 - - -																															
ST ABBS HEAD ... .. 9 75 11.9 8.0 9.9 0.0 17.4 9 3.1 28 -																															
STANHOPE FARM ... .. 9 226 12.2 6.8 9.5 - - - 17.9 8 -1.3 6 - - - 143 136 21 13 23 20 0 0 0 0 0 0 3 2 - 0 - - -																															
WEST LINTON ... .. 9 244 11.9 6.4 9.1 +1.0 18.4 8 -0.9 21 9.8 10.7 97 110 21 13 25 20 0 0 0 0 0 0 3 2 - 0 - - -																															
WHITCHESTER ... .. 9 255 11.4 6.5 8.9 - - - 17.6 8 -0.2 27 - - - 115 142 34 10 19 11 0 0 0 0 0 - 1 - - - 0 - - -																															



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

OCTOBER 1979

DISTRICT REGION/COUNTY AND PLACE	MAX. TERMINAL MIDNIGHT 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	AMOUNT (MM)	DATE	0-2 MM OR MORE	1-0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 09H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 09H	AIR FROST	GRASS MIN. BELOW 0 DEG C	CONCRETE MIN. BELOW 0 DEG C	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1961-70 AVERAGE	EXPOSURE			
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE																								
6 SCOTLAND W																																		
STRATHCLYDE																																		
ACHAGLACHMACH	9 9	12	-	-	-	-	18.4	8	0.7	29	-	-	151	-	27	29	22	20	0	0	0	0	0	0	0	4	7	0	0	-	-	-		
ARDS	9 9	37	13.2	7.4	10.3	-	18.5	8	2.7	27	11.1	11.5	115	117	21	30	23	17	0	0	0	0	0	0	0	0	0	0	0	2.52	94	-	-	
ARCHINCRIVE	9 9	45	13.5	8.2	10.9	+1.0	18.5	8	2.7	27	11.1	11.5	115	117	21	30	23	17	0	0	0	0	0	0	0	0	0	0	0	2.52	94	-	-	
BENMORE (YOUNGER)	9 9	12	12.5	8.0	10.3	-	18.0	8	1.8	6	11.3	-	276	109	39	30	24	21	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	
BOTANIC GARDEN	9 9	15	13.2	8.7	10.9	-	18.0	8	3.1	6	11.6	-	259	130	44	3	24	22	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	
BRODICK CASTLE	9 9	295	11.4	5.6	8.5	-	17.1	8	-1.2	21	-	-	149	127	17	13	24	21	0	0	0	0	0	0	0	0	0	0	0	2.27	-	-	-	
CARPS RESERVOIR	9 9	208	12.3	5.6	8.9	-	18.2	8	-2.0	28	9.9	-	114	144	23	13	24	20	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	
CARNATH	9 9	66	12.9	6.7	9.8	-	18.8	8	0.1	29	-	-	105	122	14	30	22	14	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	
CARTBRIDGE	9 9	35	12.8	8.8	10.8	-	17.0	8	3.4	26	-	-	125	-	20	3	25	21	0	0	0	2	1	0	0	0	0	0	0	-	-	-	-	
COLONSAY	9 9	4	12.8	9.1	10.9	-	16.1	8	4.6	29	-	-	159	-	20	29	25	20	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	
CRAIGHOUSE	9 9	274	12.0	6.0	9.0	-	16.8	9	-1.0	21	10.1	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0	0	0	0	2.38	-	-	-	
CRAWFORD JOHN	9 9	99	13.2	7.3	10.3	-	18.3	9	-0.4	29	10.8	-	122	-	21	30	25	18	0	0	0	0	0	0	0	0	0	0	0	2.26	-	-	-	
CUMOCK	9 9	3	13.6	8.6	11.1	-	19.1	8	2.9	29	-	-	162	-	27	30	23	20	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	
DUMSTAFFHAGE	9 9	178	12.1	7.0	9.5	-	17.6	8	0.7	27	-	-	147	-	25	30	21	14	0	0	0	0	0	0	0	0	0	0	0	2.33	-	-	-	
EAST KILBRIDE	9 9	8	14.0	8.5	11.3	-	17.8	8	3.2	21	-	-	158	155	48	4	22	20	0	0	0	0	0	0	0	0	0	0	0	2.87	-	-	-	
GIRVAN	9 9	5	13.4	7.4	10.4	+0.5	20.0	8	-0.1	21	-	-	131	-	20	30	23	16	0	0	0	0	0	0	0	0	0	0	0	2.02	82	-	-	
GLASGOW	9 9	107	12.2	7.3	9.7	+0.4	17.8	8	3.1	27	-	-	137	128	22	4	24	17	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	
ABBOTSINCH AIRPORT	21-9	40	13.4	9.2	11.3	-	19.1	8	4.6	21, 29	-	-	119	-	25	4	20	17	0	0	0	0	0	0	0	0	0	0	0	2.01	-	5	-	
SPRINGBURN PARK	9 9	61	-	-	-	-	-	-	-	-	-	-	181	108	30	30	22	17	-	-	-	-	-	-	-	-	-	-	-	1.62	73	-	-	
WEATHER CENTRE (X)	9 9	96	11.8	5.9	8.9	-	17.6	8	1.2	29	-	-	190	125	36	3	23	18	0	0	0	0	0	0	0	0	0	0	0	2.16	-	5	-	
GREENOCK	9 9	8	13.2	-	-	-	19.0	8	-	-	-	-	114	-	15	4	20	16	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	
HELENSBURGH	9 9	18	13.0	8.2	10.6	-	16.8	8	4.2	29	-	-	169	-	24	30	25	19	0	0	0	0	0	0	0	0	0	0	0	2.27	-	-	-	
HUNTERSTON	9 9	34	13.6	7.4	10.5	-	18.7	9	1.7	29	11.5	12.0	139	-	29	30	22	20	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	
KILDONAN	9 9	12	12.9	7.3	10.1	-	16.9	8	1.0	6, 29	-	-	208	-	31	29	23	22	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	
KILMARNOCK	9 9	388	10.9	5.8	8.3	-	16.5	8	-0.4	21	-	-	212	130	23	30	25	22	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	
KNAPDALE FOREST	9 9	10	13.0	9.3	11.1	-	17.9	8	3.1	26	-	-	119	94	13	24	25	18	0	0	0	0	0	0	0	0	0	0	0	1	2.00	-	-	
LEARNHILLS	21-9	5	13.1	9.1	11.1	-	17.5	8	4.8	29	-	-	119	94	14	29	20	16	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	
MACHRIHANISH	9 9	32	13.1	7.7	10.4	+0.3	19.0	8	2.5	27	10.7	12.1	150	128	30	4	23	20	0	0	0	0	0	0	0	0	0	0	0	1.81	74	-	-	
MILLPORT	21-9	16	13.6	8.2	10.9	-	19.1	8	2.0	29	-	-	113	117	20	30	24	17	0	0	0	0	0	0	0	0	0	0	0	2.57	-	-	-	
PAISLEY	9 9	20	12.9	9.3	11.1	-	18.0	8	5.9	30	-	-	147	98	19	30	23	22	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	
PRESTWICK	21-9	43	12.6	8.6	10.6	-	18.5	8	3.5	29	10.9	10.9	192	128	29	3	22	20	0	0	0	0	0	0	0	0	0	0	0	0	2.02	-	-	-
RAHUVAL	9 9	2	13.2	7.4	10.3	-	17.8	8	3.5	21, 28	-	-	245	-	33	4	26	24	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	
ROTHESAY	21-9	9	12.8	9.3	11.1	+0.6	15.8	8	4.2	26	-	-	122	92	23	29	23	20	0	0	0	0	3	1	0	0	0	0	0	3	2.39	95	-	-
STONACHULLIN	9 9	128	12.3	6.1	9.2	-	18.6	8	-0.8	29	-	-	196	-	32	30	24	20	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	
TREE	9 9	5	13.4	7.4	10.4	+0.5	20.0	8	-0.1	21	-	-	131	-	20	30	23	16	0	0	0	0	0	0	0	0	0	0	0	2.02	82	-	-	
UPLANDMOOR	9 9	107	12.2	7.3	9.7	+0.4	17.8	8	3.1	27	-	-	137	128	22	4	24	17	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	
CENTRAL	21-9	40	13.4	9.2	11.3	-	19.1	8	4.6	21, 29	-	-	119	-	25	4	20	17	0	0	0	0	0	0	0	0	0	0	0	2.01	-	5	-	
ARROCHMORE	9 9	61	-	-	-	-	-	-	-	-	-	-	181	108	30	30	22	17	-	-	-	-	-	-	-	-	-	-	-	1.62	73	-	-	
CALLANDER	9 9	96	11.8	5.9	8.9	-	17.6	8	1.2	29	-	-	190	125	36	3	23	18	0	0	0	0	0	0	0	0	0	0	0	2.16	-	5	-	
EARLS HILL	9 9	8	13.2	-	-	-	19.0	8	-	-	-	-	114	-	15	4	20	16	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	
FALKIRK	9 9	18	13.0	8.2	10.6	-	16.8	8	4.2	29	-	-	169	-	24	30	25	19	0	0	0	0	0	0	0	0	0	0	0					



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

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OCTOBER 1979

DISTRICT REGION/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	AMOUNT (MM)	DATE	PRECIP- ITATION	0.2 MM OR MORE	1.0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 9H	MAIL	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																						
2 ENGLAND E & NE -CONTINUED																																
DURHAM	9 9	102	13.5	7.5	10.5	+0.7	20.5	9	0.5	6	11.5	12.0	55	103	11	3	16	11	-	0	-	-	-	6	0	7	-	-	-	2.72	89	S
DURHAM ...	9 9	155	12.6	5.8	9.2	-	19.0	9	-0.6	30	10.3	10.6	59	-	12	13	16	13	0	0	0	0	0	0	11	5	0	-	-	-	-	-
WIDDYBANK FELL	9 9	513	10.6	5.4	8.0	-	17.5	8	0.3	30	8.6	-	120	-	15	30	23	18	0	0	0	0	6	0	8	-	-	-	2.91	-	-	-
CLEVELAND	9 9	31	14.1	7.0	10.5	-	20.4	9	-0.8	21	-	-	51	112	12	3	14	9	0	0	0	0	1	2	3	9	-	-	2.90	-	-	-
MARTBURN GRANGE	9 9	9	13.7	8.7	11.2	+0.5	21.0	8	3.5	21	-	-	64	128	17	25	11	11	0	0	0	0	2	0	0	-	-	-	3.03	-	-	-
NORTH YORKSHIRE	9 9	33	14.4	6.8	10.6	-	21.0	8	-0.5	6	-	-	57	115	18	25	15	9	0	0	0	0	2	5	1	8	-	-	3.42	122	S	
ASKHAM BRYAN	9 9	6	14.4	6.7	10.5	-	21.0	8	0.1	6	11.8	12.7	47	101	18	25	12	8	0	0	0	0	2	2	0	8	-	-	3.24	-	-	-
CAMWOOD	9 9	175	13.1	7.5	10.3	-	19.6	8	2.6	27	10.8	-	68	110	16	12.25	17	11	0	0	0	0	1	6	0	7	-	-	3.16	-	-	-
HIGH MONTBORPE	21-9	32	14.4	7.5	10.9	-	20.5	9	0.5	6	11.3	12.4	55	106	11	25	14	11	0	0	0	0	1	4	0	8	3	-	2.91	-	-	-
LEEMING	9 9	395	11.2	6.3	8.7	+0.8	16.6	9	1.1	29	10.5	-	85	59	15	25	22	18	0	0	0	0	1	6	0	5	-	-	-	-	-	-
MALHAM TARN	9 9	44	14.1	7.0	10.5	-	20.4	8	-1.3	30	11.0	-	68	124	19	25	16	10	0	0	0	0	2	2	3	10	-	-	-	-	-	-
PICKERING	9 9	52	13.7	8.9	11.3	-	19.5	9	3.1	30	11.3	12.3	54	102	14	12	13	7	0	0	0	0	1	4	0	4	1	-	2.73	83	-	-
SCARBOROUGH	9 9	203	12.9	7.3	10.1	-	18.6	8	0.3	28	10.4	-	73	100	18	12	17	10	0	0	0	0	1	3	0	5	-	-	2.95	-	-	-
SILPHO MOOR	9 9	290	12.2	5.8	9.0	-	18.2	8	-0.9	6.21	10.0	-	103	-	23	30	22	17	0	0	0	0	0	10	3	7	-	-	2.56	-	-	S
SNAILZEHOLME	9 9	41	13.6	8.2	10.9	-	20.1	8.9	0.2	28	-	-	65	-	14	25	14	10	0	0	0	0	1	3	0	4	-	-	3.10	-	-	-
WHITBY	21-9	60	13.1	8.3	10.7	-	19.6	8.9	1.2	30	-	-	66	-	14	25	14	10	0	0	0	0	1	2	0	2	0	1	-	-	-	-
WHITBY (COASTGUARD)	9 9	19	14.5	7.2	10.9	-	20.8	8	-0.4	30	11.7	12.4	57	121	19	25	12	9	0	0	0	0	0	2	1	6	-	-	3.43	-	-	-
YORK (HESLINGTON)	9 9	48	13.5	8.2	10.9	-	19.2	9	1.1	30	-	-	49	85	12	12	14	8	0	0	0	0	1	8	0	3	-	-	3.04	-	-	-
HUMBERSIDE	9 9	7	14.2	8.8	11.5	+0.6	20.1	9	2.8	30	-	-	37	82	12	12	10	7	0	0	0	0	1	2	0	0	-	-	3.35	100	-	-
BRIDLINGTON	9 9	2	14.9	8.5	11.7	+0.7	20.2	7	2.0	28	11.9	13.3	47	99	18	12	12	9	0	0	0	0	0	2	0	0	-	-	3.29	107	-	-
CLETHORPES	9 9	108	13.6	8.0	10.8	-	19.8	8	1.6	30	-	-	46	85	11	12	13	8	0	0	0	0	1	6	0	6	0	-	3.40	-	-	-
LINCOLNSHIRE	21-9	21	14.8	6.6	10.7	-	21.4	8	-0.8	28	-	-	50	-	13	25	12	9	0	0	0	0	0	1	3	1	3	2	0	-	-	-
BINBROOK	9 9	7	15.0	7.5	11.3	-	21.5	8	-0.5	30	-	-	45	-	14	25	12	9	0	0	0	0	0	1	3	1	4	1	0	3.97	119	-
CRISTOR	9 9	62	14.7	6.5	10.6	+0.2	21.2	8	-0.5	28	11.7	13.2	55	122	16	25	14	9	0	0	0	0	0	4	1	4	1	0	3.82	-	-	-
CONINGSBY	21-9	4	14.8	7.4	11.1	-	21.1	8	-0.8	28	11.8	12.5	45	-	10	25	12	9	0	0	0	0	0	1	5	1	5	-	3.62	-	-	-
CRANWELL	9 9	6	14.9	6.4	10.7	+0.4	21.5	8	-2.7	28	12.2	12.8	54	113	15	12	15	8	0	0	0	0	1	6	2	8	-	-	3.46	-	-	-
KIRTON	9 9	5	14.7	9.3	12.0	+1.0	19.8	7.9	1.9	30	-	-	41	86	11	10	12	9	0	0	0	0	0	3	0	0	-	-	4.04	120	-	-
LINCOLN	9 9	68	14.6	7.3	10.9	+0.4	21.1	8	-0.2	28	-	-	67	146	25	12	16	9	0	0	0	0	1	5	1	5	1	0	3.80	115	-	-
SKEGNESS	21-9	108	13.6	8.0	10.8	-	19.8	8	1.6	30	-	-	46	85	11	12	13	8	0	0	0	0	1	6	0	6	0	-	3.40	-	-	-
SUTTON BRIDGE	9 9	21	14.8	6.6	10.7	-	21.4	8	-0.8	28	-	-	50	-	13	25	12	9	0	0	0	0	0	1	3	1	3	2	0	-	-	-
WADDINGTON	21-9	68	14.6	7.3	10.9	+0.4	21.1	8	-0.2	28	-	-	67	146	25	12	16	9	0	0	0	0	1	5	1	5	1	0	3.80	115	-	-
3 EAST ANGLIA																																
NORFOLK	21-9	17	15.6	8.1	11.9	-	20.9	9	0.6	30	-	-	36	63	15	9	10	7	0	0	0	0	0	2	0	5	1	0	-	-	-	-
COLTISHALL	9 9	54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CROWER	9 9	3	15.2	7.3	11.3	-	20.3	7	-1.0	28	12.5	13.7	39	-	12	10	12	8	0	0	0	0	0	0	2	0	-	-	3.81	-	-	-
DENVER	9 9	4	15.4	10.1	12.7	-	20.5	7	3.0	28.30	13.1	13.7	27	45	11	12	11	7	0	0	0	0	0	2	0	-	-	-	3.69	-	-	-
CORLETON	21-9	14	15.3	9.6	12.5	-	20.7	7	1.0	28.30	12.3	13.0	26	-	8	12	10	6	0	0	0	0	0	1	0	2	0	-	3.70	-	-	-
HENSBY	9 9	23	15.3	7.8	11.5	-	20.3	7.9	-1.2	30	-	-	23	-	6	9	10	9	0	0	0	0	0	4	2	8	2	0	3.96	-	-	-
MARHAM	9 9	46	15.2	7.4	11.3	-	20.5	7	-0.2	30	11.8	-	54	-	19	9	12	8	0	0	0	0	0	2	1	5	-	-	3.80	-	-	-
MORLEY ST BOTOLPH	9 9	24	15.7	4.8	10.3	-	21.2	7	-4.6	28	11.6	12.5	44	78	15	9	10	8	0	0	0	0	0	4	5	14	-	-	3.57	-	-	-
SANTON DOWNHAM	9 9	27	15.9	7.8	11.9	-	21.2	7	-1.1	28	11.8	13.0	43	-	10	10	12	10	0	0	0	0	0	3	2	3	0	-	3.75	-	-	S
SCOLE	9 9	3	15.3	7.2	11.3	+0.6	21.5	8	0.0	30	11.7	-	39	87	13	10	12	8	0	0	0	0	0	5	0	8	-	-	3.84	114	-	-
TERRINGTON ST CLEMENT	9 9	53	15.1	7.3	11.2	-	20.0	7	-0.6	28	-	-	69	150	23	25	12	8	0	0	0	0	0	8	1	4	-	-	3.80	-	-	-
CAMBRIDGESHIRE	9 9	12	15.9	7.0	11.5	-	20.5	7	0.0	30	11.8	13.1	58	124	19	25	12	7	0	0	0	0	0	3	0	3	-	-	-	-	-	-
BOXMOUTH	9 9	24	15.5	7.2	11.3	-	20.4	7	0.0	28	-	-	61	128	19	25	10	8	0	0	0	0	0	5	0	8	-	-	3.87	110	-	-
CAMBRIDGE	9 9	2	-	-	-	-	-	-	-	-	-	-	51	117	11	10	12	9	0	0	0	0	0	0	0	-	-	-	-	-	-	-
BOTANIC GARDEN	9 9	21																														



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

OCTOBER 1979

DISTRICT REGION/COUNTY AND PLACE	MAX. TEMPERATURE 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		50 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	2.0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 09	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 09	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																		
4 MIDLAND COUNTIES																																		
WEST YORKSHIRE																																		
BRADFORD ...	9 9	134	13.7	7.1	10.4	+0.5	19.7	9	0.9	28	11.4	12.5	55	76	18	25	15	8	0	0	0	0	0	0	0	3	0	12	0	0	2.74	105	5	
BRAMHAM ...	9 9	54	14.2	6.7	10.5	-	20.8	8	0.0	6	-	-	47	91	16	25	16	9	0	0	0	0	0	0	1	10	0	9	0	0	-	-	-	
HUDDESFIELD (OAKES)	21-9	232	13.1	6.9	10.0	+0.2	19.6	9	1.6	28	10.1	10.8	75	88	21	25	19	13	0	0	0	0	0	0	0	5	0	0	9	2	1	-	-	
ILKLEY ...	9 9	83	13.9	6.1	10.0	+0.1	19.8	8	-0.8	6	-	-	70	85	19	25	17	10	0	0	0	0	0	0	0	8	2	1	-	0	2.68	95	-	
PONTEFRAC ...	9 9	78	14.5	7.3	10.9	+0.6	20.6	8	1.7	28	-	-	71	151	21	25	16	10	0	0	0	0	0	0	1	3	0	-	-	-	-	-		
TOUDORDE ...	9 9	160	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
WILSON ...	9 9	262	12.9	6.5	9.7	-	19.5	8	1.1	28	-	-	65	-	20	25	16	11	0	0	0	0	0	0	0	4	0	5	2	0	-	-	-	
SOUTH YORKSHIRE																																		
FINNINGLEY ...	21-9	10	15.1	6.9	11.0	-	22.1	8	-1.9	28	-	-	48	107	18	25	12	7	0	0	0	0	0	0	1	3	1	10	6	0	3.02	-	-	
SHEFFIELD																																		
DORE ...	9 9	206	13.4	7.5	10.5	-	19.5	8	2.4	27	-	-	70	-	29	25	15	9	0	0	0	0	0	0	1	4	0	7	-	0	-	-		
WESTON PARK ...	9 9	131	14.2	7.8	11.0	+0.3	21.1	8	1.6	28	11.6	12.9	66	102	28	25	15	8	0	0	0	0	0	0	1	4	0	-	-	0	2.66	98	5	
DERBYSHIRE																																		
ASHMOOR ...	9 9	178	13.6	6.7	10.1	-	19.9	8	0.1	28	-	-	67	-	28	25	17	9	0	0	0	0	0	0	1	7	0	6	-	0	2.53	-	-	
BARBROOK ...	9 9	323	12.8	5.9	9.3	-	19.4	8	-0.5	28	-	-	83	107	31	25	17	9	0	0	0	0	0	0	1	1	1	12	-	-	-	-		
BUXTON ...	9 9	307	12.2	6.1	9.1	+0.4	17.6	8	-0.2	21	10.4	11.1	73	66	18	25	17	16	0	0	0	0	0	0	1	1	2	4	-	0	-	-		
DERBY ...	9 9	48	14.9	7.2	11.1	-	21.2	8	-0.3	28	-	-	42	78	21	25	15	9	0	0	0	0	0	0	2	0	1	4	-	0	2.50	-	-	
MINGHAM ...	9 9	116	14.1	5.3	9.7	-	20.3	8	-2.4	28	10.7	-	62	-	28	25	17	9	0	0	0	0	0	0	2	6	5	15	-	0	2.65	-	-	
NOTTINGHAMSHIRE																																		
MANSFIELD ...	9 9	114	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
MENTHORPE ...	9 9	58	14.7	6.0	10.3	-	21.0	8	-2.0	28	-	-	69	-	25	25	16	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
NOTTINGHAM ...	9 9	59	15.1	8.0	11.5	+0.8	21.0	8	-0.5	29	12.2	12.9	62	126	25	25	14	8	0	0	0	0	0	0	1	3	1	3	-	0	2.89	107	-	
SUTTON BONINGTON ...	9 9	48	15.0	6.4	10.7	+0.4	20.9	8	-1.1	28	11.8	12.6	52	103	26	25	15	9	0	0	0	0	0	0	1	3	2	13	7	0	3.30	113	-	
WARSOP ...	9 9	46	14.6	5.6	10.1	-	21.1	8	-1.9	6	-	-	66	137	28	25	14	11	0	0	0	0	0	0	0	3	5	12	-	0	2.96	-	-	
WATNALL ...	21-9	117	14.4	7.3	10.9	+0.6	21.0	8	0.2	28	-	-	85	151	32	25	19	10	0	0	0	0	0	0	1	4	0	11	1	0	2.57	94	-	
STAFFORDSHIRE																																		
KEELE ...	9 9	179	13.5	7.7	10.6	-	19.4	8	3.0	27	10.9	12.0	54	79	12	25	15	12	0	0	0	0	0	0	2	1	0	4	0	0	2.83	-	-	
OWEN ...	9 9	125	14.4	7.1	10.7	+1.0	20.9	8	0.6	21	11.5	-	46	78	11	25	15	11	0	0	0	0	0	0	1	5	0	6	-	0	-	-		
PENKIDGE ...	9 9	101	14.2	7.1	10.7	-	20.5	8	1.5	21	-	-	36	63	7	25	13	10	0	0	0	0	0	0	1	1	0	3	-	0	3.36	-	5	
STONE ...	9 9	107	13.9	7.0	10.5	-	19.6	8	-1.0	21	-	-	44	71	10	25	17	10	0	0	0	0	0	0	1	0	1	7	-	0	3.19	-	-	
LEICESTERSHIRE																																		
CALDECOTT ...	9 9	53	15.0	5.8	10.4	-	20.3	8	-1.9	28	-	-	47	102	24	25	12	7	0	0	0	0	0	0	0	7	4	7	-	0	3.34	-	-	
NEWMAN LINFORD ...	9 9	119	14.4	6.7	10.5	-	20.6	8	-0.6	28	-	-	57	103	24	25	17	9	0	0	0	0	0	0	2	4	1	4	-	0	3.18	-	-	
SALOP																																		
HAMPTON LODGE ...	9 9	70	14.9	6.3	10.6	-	20.5	8	0.5	21	-	-	53	-	11	3	14	12	-	-	-	-	-	-	-	-	-	-	-	-	3.29	-	-	
NEWPORT ...	9 9	64	14.6	7.1	10.9	+1.0	20.6	8	0.0	27	-	-	45	80	13	3	15	10	0	0	0	0	0	0	2	1	0	7	-	0	3.33	123	5	
OSMESTRY ...	9 9	174	13.4	7.4	10.4	+0.3	18.7	9	1.0	29	-	-	69	88	13	6	17	15	0	0	0	0	0	0	0	1	5	0	6	-	0	2.79	96	5
PRESTON MONTFORD ...	9 9	67	14.8	6.9	10.8	-	20.4	9	-0.5	28	11.8	12.5	63	-	22	3	17	11	0	0	0	0	0	0	0	4	2	9	-	0	2.74	-	-	
SHAWBURY ...	21-9	72	14.7	7.4	11.1	+0.9	21.0	8	0.2	28	-	-	51	89	10	25	16	12	0	0	0	0	0	0	1	3	0	10	2	0	3.19	112	-	
SHREWSBURY ...	9 9	55	14.5	7.3	10.9	+0.4	20.2	8	0.4	28	12.2	13.5	48	93	10	25	17	12	0	0	0	0	0	0	0	6	0	7	-	0	-	-	-	
WEST MIDLANDS																																		
BIRMINGHAM																																		
EDGBASTON ...	21-9	163	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
ELMDON AIRPORT ...	21-9	96	14.9	6.5	10.7	+0.5	21.2	8	-1.2	28	-	-	45	-	10	25	13	11	0	0	0	0	0	0	1	2	9	4	0	3.72	125	-		
KING EDWARD'S SCHOOL	9 9	137	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
COVENTRY AIRPORT ...	9 9	81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
WARWICKSHIRE																																		
LUDDINGTON ...	9 9	56	15.1	6.6	10.9	-	21.6	8	-0.3	28	-	-	43	-	10	25	15	13	0	0	0	0	0	0	0	1	1	7	-	0	3.57	-	-	
MORETON MORELL ...	9 9	85	15.0	7.1	11.1	-	21.5	8	0.4	28	-	-	55	106	12	13	19	13	0	0	0	0	0	0	1	1	0	5	-	0	3.41	-	-	
RUGBY ...	9 9	117	14.8	7.0	10.9	+0.6	22.0	9	-0.6	28	11.5	12.6	43	77	16	25	13	10	0	0	0	0	0	0	0	1	1	6	1	0	-	-		
SHIPSTON-ON-STOUR ...	9 9	111	15.2	7.2	11.2	+0.7	21.5	8	-1.2	28	11.9	-	-																					



[illegible]



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

OCTOBER 1979

DISTRICT REGION/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	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE			
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE																						
7A ENGLAND NM & I.O.M.																																
CUMBRIA																																
CARLISLE ...	21-9	26	14.0	8.2	11.1	-	21.6	8	-0.6	29	11.7	12.4	74	87	14	10	20	11	0	0	0	0	1	2	1	9	1	0	2.94	-	-	
CARTMEL ...	9 9	35	13.9	7.1	10.5	-	17.6	10	-0.8	29	-	-	105	-	21	30	19	16	0	0	0	0	2	1	-	-	-	0	0	-	-	
ESKMEALS ...	9 9	8	14.6	9.0	11.8	-	20.6	8	1.2	29	-	-	113	-	13	10	21	18	0	0	0	0	0	0	1	2	2	0	3.25	-	-	
GRIZEDALE ...	9 9	91	14.0	6.2	10.1	-	20.8	8	-0.5	29	10.9	-	143	74	28	30	21	18	0	0	0	0	1	0	1	13	2	0	0	-	-	
MOOR HOUSE ...	9 9	556	10.0	4.9	7.5	-	16.9	8	-2.4	21	8.4	-	156	82	26	31	24	17	0	0	0	0	1	0	0	8	3	5	2.62	-	-	
NEWTON RIGG ...	9 9	171	13.2	6.8	10.0	+0.7	19.7	8	0.0	6	10.6	-	86	90	14	13	21	15	0	0	0	0	1	1	0	5	0	0	2.70	94	5	
SELLAFIELD ...	9 9	13	14.5	-	-	-	20.6	8	-	-	-	-	120	112	12	17	21	20	-	0	-	-	-	-	-	3	-	-	3.08	-	-	
LANCASHIRE																																
AUGHTON ...	21-9	54	14.2	9.1	11.7	-	20.2	9	3.2	28	11.9	12.6	70	-	10	3	21	15	0	0	0	0	1	2	0	-	-	0	3.32	-	-	
HAZELRIGG ...	9 9	95	14.1	8.7	11.4	-	20.0	8	2.5	28	11.1	11.7	98	-	13	25	23	19	0	0	0	0	2	0	0	2	0	2	3.31	-	-	
HELMESHORE ...	9 9	260	12.7	7.5	10.1	-	18.3	8	3.1	28	10.8	-	85	59	18	25	18	17	0	0	0	0	0	5	0	4	-	0	2.91	-	-	
KIRKHAM ...	9 9	24	14.4	8.2	11.3	-	20.4	8	2.0	21, 27, 29	-	-	85	91	12	30	22	16	0	0	0	0	1	1	0	6	-	0	3.37	-	-	
MORECAMBE ...	9 9	7	14.8	9.1	11.9	+1.0	21.0	8	3.3	28	-	-	81	80	19	30	21	17	0	0	0	0	0	0	0	-	-	0	3.53	119	-	
PRESTON ...	9 9	33	14.5	8.5	11.5	-	20.5	8	2.2	28	-	-	84	85	14	14	18	16	0	0	0	0	1	1	0	2	-	0	0	-	-	
SLAIDBURN ...	9 9	192	13.1	6.9	10.0	-	19.3	8	-0.5	21	-	-	100	65	22	30	21	15	0	0	0	0	0	0	1	6	-	0	2.85	-	-	
SQUIRES GATE AIRPORT ...	21-9	10	14.7	8.2	11.5	+0.6	20.9	8	0.5	28	-	-	63	73	10	25	21	15	0	0	0	0	2	1	0	6	1	0	3.42	109	-	
MERSEYSIDE																																
RIGBURN ...	9 9	12	14.8	9.0	11.9	-	20.2	8.9	2.5	28	-	-	55	-	11	3	18	13	0	0	0	0	4	0	1	0	0	0	2.68	-	-	
BIDSTON ...	9 9	60	13.9	8.9	11.4	-	19.9	9	3.2	28	-	-	75	115	10	3	21	16	0	0	0	0	1	1	0	0	-	0	2.86	-	-	
ST HELENS ...	9 9	76	14.5	8.2	11.3	-	20.9	9	2.5	28	11.3	-	76	-	15	14	20	17	0	0	0	0	1	-	0	-	-	0	2.75	-	5	
SOUTHPORT ...	9 9	5	14.5	8.3	11.4	+0.7	20.9	9	1.7	28	10.9	12.5	73	88	11	9	21	15	-	-	-	-	-	-	4	-	-	0	3.18	101	-	
WEST KIRBY PARK ...	9 9	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
GREATER MANCHESTER																																
BOLTON ...	9 9	107	13.8	7.5	10.7	-	19.8	9	1.9	28	11.4	12.0	85	-	15	25	20	19	0	0	0	0	0	2	0	5	-	0	-	-	5	
MANCHESTER ...	9 9	107	13.8	7.5	10.7	-	19.8	9	1.9	28	11.4	12.0	85	-	15	25	20	19	0	0	0	0	0	2	0	5	-	0	-	-	5	
RINGWAY AIRPORT ...	21-9	75	14.5	8.8	11.7	+1.2	20.9	8	2.9	21	-	-	52	69	16	25	18	13	0	0	0	0	0	1	0	4	1	0	3.26	109	-	-
WEATHER CENTRE (X) ...	21-9	69	15.1	9.9	12.5	-	22.1	8	4.7	21	-	-	53	-	15	25	17	14	0	-	0	0	0	0	0	-	-	0	2.90	-	-	
CHESHIRE																																
KNUITSFORD ...	9 9	65	14.9	7.1	11.0	-	21.3	9	0.5	21	12.2	13.0	60	81	16	25	18	13	0	0	0	0	0	0	0	6	-	0	-	-	-	
MACCLESFIELD ...	9 9	152	13.7	8.2	10.9	+0.8	20.3	8	3.0	21	-	-	52	64	15	25	18	11	0	0	0	0	1	1	0	0	-	0	-	-	-	
NESS GARDENS ...	9 9	30	14.7	7.8	11.3	-	20.9	9	1.5	28	11.4	-	64	100	11	3	20	16	0	0	0	0	0	2	0	5	-	0	2.83	-	5	
ISLE OF MAN																																
DOUGLAS ...	9 9	85	13.0	9.6	11.3	+0.6	15.8	9	4.9	29	-	-	113	97	20	6	22	17	0	0	0	0	1	3	0	0	-	0	2.69	88	-	
POINT OF AYRE ...	21-9	9	13.7	9.8	11.7	+0.2	17.3	8	4.4	17	-	-	125	147	18	24	23	18	0	0	0	0	1	0	0	-	2	0	2.63	86	-	
RONALDSBAY AIRPORT ...	21-9	16	13.6	9.7	11.7	+0.6	16.8	9	4.2	21	-	-	83	93	17	6	20	15	0	0	0	0	0	0	0	1	0	0	2.87	94	-	
7B WALES N																																
GWYNEDD																																
BALA ...	9 9	163	-	6.3	-	-	-	-	-1.7	27	11.5	12.6	120	98	27	15	24	19	0	0	0	0	1	5	2	7	-	0	2.81	-	-	
BARDSEY ISLAND ...	21-9	15	14.3	11.2	12.7	-	17.7	8	7.3	28	-	-	91	99	24	22	21	16	0	0	0	0	0	0	0	0	0	2	-	-	-	
BETHS-Y-COED ...	9 9	20	14.3	6.4	10.3	-	20.7	8	0.4	27	11.3	-	107	-	14	3	24	19	0	0	0	0	0	0	0	0	0	0	-	-	-	
BOTHMNOG ...	9 9	34	14.6	9.0	11.8	-	19.0	12	2.9	5	12.4	13.7	118	105	23	3	19	16	0	0	0	0	0	0	0	1	-	2	2.75	-	-	
CNHYSTRADOLLYN ...	9 9	204	13.2	7.7	10.5	-	19.0	8	4.0	28	-	-	177	-	28	3	22	18	-	-	-	-	-	-	0	-	-	2.29	-	-		
LLYN ALAW ...	9 9	44	14.5	8.3	11.4	-	21.0	8	4.0	6	-	-	107	-	17	3	25	19	-	-	-	-	-	-	0	-	-	3.37	-	-		
PEN-Y-FFRIDD ...	9 9	84	14.8	8.7	11.7	-	20.6	8	4.0	28	-	-	93	81	18	3	21	19	0	0	0	0	0	0	0	11	-	0	3.34	-	5	
TRANSFYNYDD ...	9 9	193	13.7	6.8	10.3	-	19.8	8	-1.0	27	-	-	139	80	17	30	25	20	-	0	-	-	3	1	0	4	1	-	-	-	-	
VALLEY ...	21-9	10	14.8	9.8	12.3	+0.8	22.0	8	5.0	21	-	-	102	117	23	3	23	15	0	0	0	0	0	0	0	0	0	0	3.35	100	-	
CLWYD																																
ALLEN ...	9 9	335	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BALCHWYN ...	9 9	386	11.8	6.2	9.0	-	16.8	9	0.5	27	9.4	-	74	74	11	3	20	16	0	0	0	0	0	7	0	-	-	0	-	-	-	
COLWYN BAY ...	9 9	18	14.5	8.3	11.4	-	19.3	8.9	2.7	27, 28	11.5	-	68	91	12	3	23	16	0	0	0	0	0	0	0	0	0	0	3.17	96	-	
CORMEN ...	9 9	144	14.0	5.8	9.9	-	19.4	8	-1.2	28	-	-	75	73	9	24	23	15	0	0	0	0	1	-	3	9	-	0	-	-	-	
HARRODEN BRIDGE ...	9 9	5	15.0	7.6	11.3	+0.4	20.8	9	0.2	28	-	-	64	104	17	16	18	15	0	0	0	0	0	0	3	0	-	0	-	-	-	
LOGGERHEADS ...	9 9	210	13.3	6.2	9.7	-	18.6	9	-0.4	27	10.7	11.3	59	71	11	19	19	15	0	0	0	0	0	3	2	7	-	0	2.99	-	5	
PRESTATYN ...	9 9	4	14.8	8.9	11.9	+0.4	20.3	9	3.3	21	-	-	58	87	12	19	24	15	0	0	0	0	0	0	0	0	-	0	3.10	101	-	
RUTHIN ...	9 9	76	14.5	7.7	11.1	-	20.0	9	0.5	28	-	-	63	89	10	19	17	16	0	0	0	0	0	0	0	-	-	0	-	-	-	
PONYS (NORTH)																																
FORDEN ...	9 9	91	15.1	6.4	10.7	-	20.7	9	-0.3	27	12.6	-	42	-	6	24	16	13	0	0	0	0	1	5	1	8	-	0	-	-	-	
LAKE VYRNNY ...	9 9	303	12.0	6.4	9.2	+0.1	16.7	9	1.4	21, 27	-	-	94	59	11	30	21	17	0	0	0	0	1	6	0	6	-	0	-	-	-	
LLANFAIR CAEREINION ...	9 9	236	13.7	6.9	10.3	-	18.9	9	1.4	28	11.1	-	58	-	11	6	19	13	0	0	0	0	1	3	0	8	-	0	-	-	-	
MOEL CYNNEDD ...	9 9	358	12.3	5.0	8.7	-	16.6	9	-0.7	27	10.1	-	161	-	34	30	27	21	0	0	0	0	0	0	-	4	11	-	0	-	-	
7B WALES S																																
DYFED																																
ABERPORTH ...	21-9	134	13.8	9.3	11.5	+0.3	19.4	8	4.6	28	-	-	159	161	46	3	21	17	0	0	0	0	2	0	0	1	0	0	3.57	110	-	
ABERYSTWYTH ...	9 9	4	-	-	-	-	-	-	-	-	-	-	117	116	25	9</																



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

OCTOBER 1979

DISTRICT REGION/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	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	ORLE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE			
			MAX. (A)	MIN. (B)			MAX.	DATE																								MIN.	DATE	
8A WALES CONTINUED																																		
MID GLAMORGAN																																		
ABERDARE FILTER STATION	9 9	174	-	-	-	-	-	-	-	-	-	-	117	-	26	30	22	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CILFYNYDD	21-9	194	14.6	8.7	11.7	-	18.0	9	2.9	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
LLWYNNON	9 9	241	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
PORTHCAWL	9 9	6	15.4	9.6	12.5	-	19.4	9	5.7	21	-	-	92	95	18	6	17	13	-	-	-	-	1	0	-	-	-	-	-	-	3.64	-	-	
SOUTH GLAMORGAN																																		
BRIDGEND	9 9	40	15.4	8.8	12.1	-	19.4	9	4.0	5	13.2	14.0	82	-	17	6	18	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
CARDOFF (BUTE PARK)	9 9	9	15.5	8.7	12.1	-	20.1	9	4.5	2	13.5	13.7	89	-	18	6	21	16	0	0	0	0	0	0	0	0	0	0	0	0	0	3.41	-	5
RHOOSE AIRPORT	21-9	67	14.7	9.0	11.9	-	19.0	9	4.2	27	-	-	99	-	17	6	17	16	0	0	0	0	2	1	0	0	0	0	0	0	3.30	-	-	
Gwent																																		
CRUMBLED	9 9	245	13.6	7.7	10.7	-	18.3	8	2.1	27	11.3	11.9	76	81	17	6	17	14	0	0	0	0	0	0	7	0	2	-	0	3.16	-	-		
USK	9 9	21	15.8	3.6	9.7	-0.8	20.0	8	-2.2	15	13.4	-	70	74	15	6	18	14	0	0	0	0	0	0	2	1	11	-	0	2.83	98	-	-	
8B ENGLAND SW																																		
AVON																																		
BATH	9 9	118	14.5	8.7	11.6	-	19.2	9	3.5	28	-	-	34	47	8	30	17	9	-	0	-	-	-	-	1	0	-	-	-	-	-	-		
FILTON	21-9	59	15.1	8.3	11.7	+0.6	21.3	9	1.8	28	-	-	51	71	12	24	16	13	0	0	0	0	0	1	0	3	0	-	0	3.45	115	-	-	
LONG ASHTON	9 9	51	15.4	7.9	11.7	+0.6	20.3	9	1.2	28	13.1	-	47	59	7	30	16	13	0	0	0	0	0	1	0	1	0	-	0	3.58	113	-	-	
SOMERSET																																		
BRYMORE	9 9	23	16.0	7.8	11.9	-	19.9	9	2.0	21	13.2	-	81	-	18	24	17	12	0	0	0	0	2	1	0	-	-	0	3.49	-	-	-		
CREMORNE	9 9	101	14.9	8.3	11.6	-	19.3	8	3.0	28	12.5	-	85	-	20	23	20	12	0	0	0	0	1	-	0	-	-	0	-	-	-	-		
DOONSIDE ABBEY	9 9	183	14.0	7.9	10.9	-	18.3	9	2.6	28	-	-	56	60	17	30	17	11	-	0	-	-	-	6	0	-	-	-	-	-	-	-		
EXTON	21-9	329	13.6	7.6	10.6	-	17.6	9	3.1	5	-	-	135	-	24	24	19	16	0	0	0	0	1	5	0	4	0	0	0	-	-	-		
HARWIDGE	9 9	314	13.2	7.3	10.3	-	17.2	8.9	2.4	2	-	-	113	80	19	6	20	16	0	0	0	0	0	1	0	4	0	-	0	2.95	-	-		
NETTLECOMBE	9 9	96	15.3	-	-	-	18.4	9	-	-	13.0	-	114	-	33	24	19	14	0	0	0	0	0	1	-	4	0	-	0	-	-	-		
NETTLECOMBE (BIRDS HILL)	9 9	280	13.6	8.2	10.9	-	16.9	9	3.7	27.29	-	-	129	-	34	24	18	14	0	0	0	0	0	2	0	3	0	-	0	-	-	-		
RODNEY STONE	9 9	40	15.1	8.6	11.9	-	19.2	9	3.3	28	13.7	13.9	55	70	11	30	17	14	0	0	0	0	0	0	0	0	0	0	0	-	-	-		
WINCANTON	9 9	113	15.2	7.8	11.5	-	19.5	9	1.7	5	-	-	49	57	11	24	17	13	0	0	0	0	0	8	0	1	0	-	0	3.04	-	-		
YEOVILTON	21-9	18	15.7	8.0	11.9	-	19.9	9	2.4	5	-	-	64	88	17	24	18	12	0	0	0	0	1	2	0	2	0	0	-	-	-	-		
DORSET																																		
BOURNEMOUTH																																		
HURN AIRPORT	21-9	10	15.8	7.9	11.9	-	19.5	1	-0.4	28	-	-	63	74	13	24	17	14	0	0	0	0	1	1	1	3	1	0	3.74	-	-	-		
DORSET TECH COLLEGE	9 9	50	15.6	8.5	12.1	-	19.4	1	2.1	28	12.8	13.1	71	-	11	30	15	13	-	0	-	-	-	2	0	3	-	-	0	3.50	-	-	-	
CHRISTCHURCH	9 9	4	15.6	8.9	12.3	-	18.6	8	1.8	5	-	-	58	69	10	6	15	12	0	0	0	0	0	2	0	0	-	-	0	-	-	-		
POOLE	9 9	5	15.8	8.5	12.1	+0.4	20.0	1	1.6	5.28	13.5	14.2	72	86	14	9	17	13	0	0	0	0	0	4	0	2	-	0	3.68	100	-	-		
PORTLAND BILL (COASTGUARD)	21-9	53	15.2	11.3	13.3	+0.4	19.3	15	7.2	28	-	-	92	-	27	23	16	13	0	0	0	0	0	2	0	0	1	-	3	3.86	-	-	-	
SWANAGE	9 9	11	15.3	10.6	12.9	+0.8	18.1	9	4.2	28	-	14.7	74	85	13	26	18	14	0	0	0	0	0	1	0	0	-	-	0	3.49	92	-	-	
MEYMOUTH	9 9	23	16.1	9.9	13.0	-	19.1	9	4.0	28	-	-	80	-	18	23	21	15	0	0	0	0	0	0	0	0	-	-	0	3.51	89	-	-	
WIMBORNE	9 9	26	15.4	8.2	11.8	-	18.6	9	1.0	28	-	-	85	94	14	23	17	15	0	0	0	0	0	4	0	2	-	0	-	-	-	-		
DEVON																																		
CHARLEIGH	9 9	168	14.5	7.7	11.1	-	18.7	9	1.8	5	12.6	-	111	-	23	12	17	14	0	0	0	0	4	-	0	1	-	-	0	3.15	-	-	-	
EXETER AIRPORT	21-9	32	15.6	9.1	12.3	+0.9	18.7	1	1.1	5	-	-	108	150	32	24	19	15	0	0	0	0	4	4	0	2	0	0	0	2.96	91	-	-	
EXMOUTH	9 9	59	15.0	9.6	12.3	+0.8	18.2	10	4.3	5	-	-	123	163	27	24	20	14	0	0	0	0	0	1	0	-	-	0	0	3.67	100	-	-	
HARTLAND POINT	21-9	93	14.3	10.7	12.5	+0.5	18.3	8	7.0	23	-	-	114	133	23	3	18	15	0	0	0	0	2	0	0	0	0	0	1	3.68	107	-	-	
MEYMOCK	9 9	165	14.3	7.9	11.1	-	18.1	8	2.6	29	-	-	125	-	35	24	18	14	-	0	-	-	-	-	0	-	-	-	0	3.28	-	-	-	
ILFRACOMBE	9 9	8	15.7	(10.0)	(12.9)	-	19.5	8	-	-	14.0	14.5	112	103	14	30	21	17	0	0	0	0	3	0	-	-	-	-	0	3.63	-	-	-	
MELBURY	9 9	143	14.7	8.0	11.3	-	20.0	11	3.5	26.27	-	-	119	-	26	13	19	16	-	0	-	-	-	-	0	-	-	-	0	3.58	-	-	-	
ORHAMPTON	9 9	372	13.1	7.9	10.5	-	16.6	3	4.4	28	-	-	115	-	26	24	20	15	0	0	0	0	3	3	0	0	-	-	0	-	-	-	-	
PLYMOUTH																																		
MOUNT BATTEN	21-9	27	15.8	10.3	13.1	+1.0	18.3	8	4.1	5	-	-	111	120	26	16	20	13	0	0	0	0	1	3	0	0	0	0	0	3.97	109	-	-	
THE MOE	9 9	36	15.5	10.2	12.9	+0.6	18.5	16	4.7	5	13.8	14.0	77	86	19	6	17	13	0	0	0	0	0	0	0	0	0	0	0	3.84	106	-	-	
PRINCE POINT	21-9	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	4.22	-	-		
PRINCETON	9 9	414	12.4	7.8	10.1	-	15.5	8	4.4	28	-	-	131	-	29	24	20	17	0	0	0	0	0	1	8	0	3	-	2	-	-	-		
RUMLEIGH	9 9	38	15.8	8.8	12.3	-	18.5	8.10	1.0	5	13.5	14.0	95	-	19	24	20	13	0	0	0	0	2	3	0	1	-	-	0	-	-	-		
SIDMOUTH	9 9	10	15.4	10.0	12.7	+0.8	18.2	9	4.8	28																								



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

OCTOBER 1979

DISTRICT REGION/COUNTY AND PLACE	MAX. TEMP. OBSERVATION	MIN. TEMP. 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	RAN IN (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	DRASS MIN. BELOW 0 DEG C	CONCRETE MIN. BELOW 0 DEG C	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1961-70 AVERAGE	EXPOSURE		
				MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE																							
OCTOBER 1971																																		
NORTHERN IRELAND																																		
LONDONDERRY																																		
AGHANALLOO ...	9 9	18	13.6	7.7	10.7	-	-	18.3	8	2.0	26	-	-	110	-	24	3	25	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BANAGHER (CAUGH HILL) ...	9 9	216	13.1	7.2	10.1	-	-	16.5	11	0.3	21	-	-	173	-	31	24	29	23	0	0	0	0	0	1	0	0	0	0	0	0	0	0	
BOOM HALL ...	9 9	37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CARMONEY ...	9 9	73	13.3	7.9	10.6	-	-	18.0	7.8.9	3.0	22	-	-	107	-	13	24	27	22	0	0	0	0	0	1	0	0	0	0	0	0	0	0	
COLERAINE UNIVERSITY ...	9 9	23	13.6	7.7	10.7	-	-	18.1	8	1.1	26	11.3	11.8	117	-	34	3	21	18	0	0	0	0	0	1	0	0	0	0	0	0	0	0	
COOLKEERAGH ...	9 9	3	14.2	7.8	11.0	-	-	19.2	9	1.7	26	-	-	100	-	10	18.25	22	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
DEERYMOYD FOREST ...	9 9	88	13.8	7.3	10.5	-	-	17.8	7	0.8	21	-	-	151	127	29	24	27	21	0	0	0	0	0	3	0	0	0	0	0	0	0	0	
GARYVAGH FOREST ...	9 9	88	13.3	6.9	10.1	-	-	17.9	8	0.2	21	-	-	145	123	26	3	26	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
LOUGHERMORE FOREST ...	9 9	174	12.9	6.1	9.5	-	-	17.2	7	-1.3	26.29	-	-	125	112	22	3	27	22	0	0	0	0	0	2	4	0	0	0	0	0	0	0	
MONEIDIG ...	9 9	34	13.8	6.9	10.3	+0.4	-	18.7	8	1.1	21.29	11.9	-	124	121	25	3	27	20	0	0	0	0	0	1	4	0	0	0	0	0	0	0	
TRADD POINT ...	9 9	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
ANTRIM																																		
ALDERGROVE AIRPORT ...	21-9	68	13.7	8.4	11.1	+1.0	-	17.7	8	2.3	21	11.5	12.3	113	132	31	3	22	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ALTNAMINCH ...	9 9	213	12.3	7.2	9.7	-	-	17.0	8	1.5	29	-	-	136	91	23	3	26	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
BALLYMUNFORD ...	9 9	24	13.9	9.1	11.5	-	-	17.5	13	4.0	29	-	-	121	-	32	3	25	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
BALLYPATRICK FOREST ...	9 9	152	12.4	8.0	10.2	-	-	16.6	1	2.7	21	-	-	140	113	30	3	25	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
CARNLOUGH ...	9 9	12	13.6	8.3	10.9	-	-	17.2	8	4.6	29	-	-	118	-	27	3	27	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
DIVIS MOUNTAIN ...	9 9	363	11.6	5.9	8.7	-	-	15.2	2.7.9	1.1	26.29	-	-	175	152	26	3	29	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
GREENMOUNT ...	9 9	38	14.0	8.2	11.1	-	-	18.1	8	2.4	21.29	11.8	-	100	122	25	3	22	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HYDE PARK (MALLUSK) ...	9 9	140	13.1	7.8	10.5	-	-	16.6	8	2.9	5	-	-	145	-	35	3	26	21	0	0	0	0	0	1	0	0	0	0	0	0	0	0	
KILROOT POWER STATION ...	9 9	12	13.8	8.7	11.3	-	-	16.7	8	2.0	29	-	-	116	-	28	3	25	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
LISNAFILLAN ...	9 9	38	13.7	6.7	10.2	-	-	18.0	8	-1.5	29	-	-	112	114	16	3	26	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
LONTOWN ...	9 9	271	11.9	6.8	9.3	-	-	15.6	8	0.8	29	10.0	-	148	105	20	3	26	23	0	0	0	0	0	0	5	0	0	0	0	0	0	0	
PARKMORE FOREST ...	9 9	235	12.1	6.3	9.2	-	-	16.5	8	-0.4	29	10.3	-	159	99	34	3	25	22	0	0	0	0	0	0	2	1	5	-	2	-	-		
WOODBURN NORTH ...	9 9	217	11.8	7.3	9.5	-	-	15.0	8.9	2.0	21	-	-	145	122	25	3	24	22	0	0	0	0	0	4	0	0	0	0	0	0	0	0	
BELFAST																																		
ANDERSONSTOWN ...	9 9	64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
MALONE ...	9 9	35	13.8	6.3	10.1	-	-	17.7	8	-0.4	29	11.7	-	119	-	27	3	23	17	-	-	-	-	-	1	-	-	-	-	-	-	-	-	
MILLTOWN ...	9 9	37	14.2	7.6	10.9	-	-	17.8	8	1.5	21.29	-	-	120	-	24	3	22	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NEWTOWNABBEY ...	9 9	32	13.8	9.3	11.5	-	-	17.4	8	4.6	5	12.0	-	133	138	36	3	21	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ROSEBANK ...	9 9	47	13.8	7.8	10.8	-	-	16.7	11	3.4	29	-	-	131	-	36	3	24	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ROSETTA ...	9 9	24	13.8	8.1	10.9	-	-	17.0	8	1.2	21	-	-	115	131	28	3	20	12	0	0	0	0	0	0	1	0	-	-	-	-	-	-	
SHAW'S BRIDGE ...	9 9	15	14.1	7.3	10.7	-	-	17.6	10	0.8	29	-	-	119	-	25	3	23	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
STORMONT CASTLE ...	9 9	56	13.3	8.2	10.7	-	-	16.4	8	2.5	29	11.6	12.3	120	136	30	3	23	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
DOWN																																		
BANGOR SEACOURT ...	9 9	15	13.8	9.4	11.6	-	-	16.7	8	4.8	29	12.5	13.1	114	-	34	3	23	16	0	0	0	0	0	2	0	0	0	0	0	0	0	0	
BALLYMATER PARK ...	-	11	-	-	-	-	-	-	-	-	-	-	-	125	148	40	3	22	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BALLYMATTICOCK ...	9 9	6	13.5	8.5	11.0	-	-	16.6	8	2.0	21	11.1	11.7	128	171	34	3	24	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
BRYANSFORD ...	9 9	85	13.9	8.9	11.4	-	-	16.8	9	3.7	26	12.4	13.4	202	-	49	3	25	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
DONPATRICK ...	9 9	26	13.8	8.7	11.3	-	-	16.8	8	3.1	28	-	-	115	-	41	3	20	15	-	-	-	-	-	0	0	0	0	0	0	0	0	0	
HELENS BAY ...	9 9	43	13.6	8.8	11.2	-	-	17.1	2.8	3.7	29	-	-	115	137	34	3	24	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HILLSBOROUGH ...	9 9	116	13.1	7.1	10.1	+0.2	-	17.2	9	1.7	29	11.1	11.5	122	140	33	3	25	20	0	0	0	0	0	0	1	0	0	0	0	0	0	0	
LONG KESH ...	21-9	37	13.7	7.8	10.7	-	-	17.7	7	-1.0	29	11.4	11.9	105	-	29	3	23	19	0	0	0	0	0	0	1	1	6	3	0	0	0	0	
LOUGH CONEY ...	9 9	10	13.4	8.4	10.9	-	-	16.0	8.9	3.0	21	-	-	111	-	43	3	21	18	0	0	0	0	0	0	1	1	1	-	-	-	-		
MAGHERALLY ...	9 9	97	13.3	6.6	9.9	-	-	17.5	8	1.0	26	-	-	142	-	30	3	24	19	-	-	-	-	-	0	0	0	0	0	0	0	0	0	
MURLOUGH ...	9 9	9	13.9	8.1	11.0	-	-	16.5	2	2.2	21	11.2	11.3	129	-	33	3	21	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NEWRY ...	9 9	1	14.4	8.0	11.2	-	-	18.5	10	0.9	21	-	-	136	-	31	3	23	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SILENT VALLEY ...	9 9	129	12.8	8.0	10.4	-	-	15.6	1	2.8	26	-	-	176	-	26	3	22	20	0	0	0	0	0	0	6	0	2	-	-	-	-	-	
ARMAGH																																		
ARMAGH ...	9 9	62	13.5	7.7	10.6	+0.3	-	17.9	7	-0.3	21	11.7	12.7	112	135	36	3	24	19	0	0	0	0	0	0	1	5	-	0	0	0	0	0	
LOUGHGALL ...	9 9	25	14.1	7.4	10.7	-	-	19.2	7	-0.1	21	-	-	115	147	38	3	26	18	0	0	0	0	0	2	1	10	-	0	0	0	0	0	
LURGAN ...	9 9	55	13.9	7.9	10.9	-	-	17.3	8	1.2	21	-	12.4	132	169	41	3	24																



TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

OCTOBER 1979

DISTRICT. REGION/COUNTY AND PLACE	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 - 59 M	40 - 190 M	200 - 390 M	400 - 990 M	1000 - 1900 M	2000 - 3900 M	4 - 9 KM	10 - 19 KM	20 - 39 KM	40 KM AND OVER	BEAUFORT FORCE						N	NE	E	SE	S	SW	W	NW		
									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																																								
FAIR ISLE	61	9	1010.7	-	9.4	0.8	10.6	89	6.8	0	2	1	17	8	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		15	1010.0	-	9.5	0.8	10.7	89	6.4	0	3	4	11	12	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
		21	1009.8	-	9.3	0.7	10.7	91	5.6	0	6	8	2	12	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
LERNICK	83	3	1010.6	-	8.1	0.8	9.8	90	6.2	0	5	6	4	13	3	0	2	0	0	1	1	3	10	4	8	2	1	10	11	7	2	2	2	2	12	5	3	2	1	
		9	1011.3 + 1.9	-	8.6	0.9	10.0	89	6.8	0	1	4	12	13	1	0	1	0	3	1	2	10	4	6	4	0	8	17	6	0	3	1	1	11	10	3	2	0		
		15	1010.7	-	8.0	1.1	9.9	87	6.7	0	2	3	13	11	2	0	1	2	1	1	2	10	7	5	2	0	12	10	8	1	1	1	10	12	3	1	1			
ORKNEY	21	9	1010.5	-	8.4	0.9	9.7	88	6.2	1	3	5	7	13	2	0	2	0	0	2	1	3	11	4	6	2	0	12	11	7	1	2	0	9	13	2	2	1		
		15	1010.5	-	8.4	0.9	9.7	88	6.2	1	3	5	7	13	2	0	2	0	0	2	1	3	11	4	6	2	0	12	11	7	1	2	0	9	13	2	2	1		
		21	1010.5	-	8.4	0.9	9.7	88	6.2	1	3	5	7	13	2	0	2	0	0	2	1	3	11	4	6	2	0	12	11	7	1	2	0	9	13	2	2	1		
KIRKALL	26	3	1009.2	-	9.3	0.7	10.7	91	6.5	0	2	6	8	14	1	0	1	0	0	0	0	2	6	12	10	0	0	6	18	7	0	1	1	2	11	9	4	3	0	
		9	1009.8 - 0.1	-	9.7	0.9	10.7	88	6.5	0	2	6	8	15	0	0	0	0	0	0	0	2	6	12	10	0	0	6	18	7	0	1	1	2	11	8	3	0		
		15	1009.1	-	10.3	1.1	10.8	86	6.0	0	3	8	6	14	0	0	0	0	0	0	0	0	9	6	9	5	0	10	16	5	0	1	1	2	14	5	5	2	1	
WESTERN ISLES	7	3	1006.4	-	10.0	0.9	10.9	88	6.0	0	3	7	10	11	0	0	0	0	0	0	0	2	11	13	5	0	5	15	10	1	4	1	0	6	12	1	5	1		
		9	1006.3 - 3.6	-	10.4	1.0	11.2	87	5.8	0	6	4	12	9	0	0	0	0	0	0	0	3	11	3	11	0	6	14	10	1	2	3	0	10	8	2	4	1		
		15	1005.9	-	11.8	1.6	11.3	81	5.2	0	8	5	14	4	0	0	0	0	0	0	0	0	3	5	13	10	0	5	18	7	1	1	2	2	6	9	4	6	0	
STORNOWAY	5	3	1007.0	-	9.5	0.7	10.9	91	5.5	0	5	7	10	8	1	0	0	0	0	0	0	3	11	15	1	0	0	10	21	0	2	3	0	7	6	7	4	2		
		9	1007.0 - 2.6	-	10.0	0.9	11.0	88	6.3	0	3	5	13	10	0	0	0	0	0	0	0	7	5	10	8	0	2	12	16	1	1	2	3	0	6	8	1	1		
		15	1006.5	-	11.4	1.3	11.5	84	5.5	0	8	3	13	7	0	0	0	0	0	0	0	4	7	12	8	0	1	13	17	0	0	4	3	3	12	6	3	0		
HIGHLAND	113	3	1007.1	-	9.6	0.4	11.5	95	5.8	0	1	13	8	7	2	0	1	0	0	0	0	2	16	11	2	1	7	19	2	0	1	1	5	4	8	7	3	1		
		9	1007.3	-	9.8	0.4	11.5	94	6.3	0	0	8	15	7	1	0	1	0	0	0	0	0	4	18	8	2	2	8	19	0	1	1	2	12	6	6	2	1		
		15	1006.7	-	11.1	0.7	12.2	92	6.3	0	0	9	13	9	0	0	0	0	0	0	0	0	1	5	14	11	0	3	6	22	0	1	0	6	9	6	5	3	1	
DALCROSS	12	9	1009.0	-	9.7	0.9	10.7	88	5.5	0	6	4	12	9	0	0	0	0	0	0	0	1	5	7	12	6	0	0	7	21	3	2	2	8	4	4	7	0	1	
		15	1008.0	-	12.6	2.2	11.0	75	5.9	0	4	5	16	6	0	0	0	0	0	0	0	1	2	6	10	12	0	1	13	17	0	2	3	6	7	8	2	0		
		21	1006.9	-	10.1	0.6	11.5	93	5.9	0	0	12	12	7	0	0	0	0	0	0	0	0	0	5	13	13	1	2	7	18	3	0	0	4	9	10	0	5	0	
WICK	37	3	1008.8	-	9.7	0.9	10.7	88	6.5	0	3	2	13	12	1	0	1	0	0	0	0	2	6	9	10	3	0	1	20	10	0	1	1	1	8	12	3	5	0	
		9	1009.5 - 0.7	-	9.9	1.0	10.7	87	6.8	0	2	3	13	13	0	0	0	0	0	0	0	1	1	9	4	11	4	0	5	16	10	0	2	0	2	5	16	1	5	0
		15	1008.8	-	10.7	1.3	10.7	83	6.2	0	0	9	13	9	0	0	0	0	0	0	0	0	1	3	8	5	9	5	0	7	14	10	0	1	2	2	6	14	2	2
1 SCOTLAND E GRAMPIAN	59	3	1009.9	-	9.1	0.6	10.7	91	5.9	1	5	4	5	16	0	0	0	0	0	0	0	2	8	6	7	5	3	0	0	12	15	4	2	0	1	12	6	2	3	1
		9	1010.6 - 1.1	-	10.0	0.9	11.0	88	6.5	0	5	0	14	10	2	0	0	0	0	0	0	2	7	5	5	6	5	0	0	15	15	1	4	0	1	12	6	3	3	1
		15	1009.7	-	11.2	1.4	11.0	83	6.5	0	5	1	11	14	0	0	0	0	0	0	0	0	7	8	4	6	0	1	14	13	3	2	0	1	14	6	2	1	2	1
FRASERBURGH	22	3	1009.8	-	9.9	0.8	11.0	89	6.3	0	3	7	2	16	3	0	3	0	0	0	0	4	12	12	0	0	1	18	12	0	0	0	3	13	10	0	3	2	1	
		9	1010.3 - 0.9	-	10.2	1.1	10.8	86	6.5	0	1	8	7	13	2	0	0	0	0	0	0	3	10	16	0	0	5	11	15	0	1	1	2	15	6	3	2	1		
		15	1009.6	-	11.2	1.5	10.9	81	6.4	0	2	6	15	10	0	0	0	0	0	0	0	1	1	11	18	0	0	5	15	11	0	2	1	2	14	5	4	2	1	
KINLOSS	6	3	1008.7	-	9.7	1.4	10.0	82	5.4	1	6	7	9	8	0	0	0	0	0	0	0	2	7	15	4	0	0	11	19	1	2	0	4	9	6	6	3	0		
		9	1009.2 - 1.7	-	10.3	1.5	10.3	81	5.9	0	5	4	14	8	0	0	0	0	0	0	0	2	10	7	8	0	0	11	20	0	1	1	6	5	9	2	1			
		15	1008.2	-	12.5	2.4	10.6	73	6.1	0	5	3	15	8	0	0	0	0	0	0	0	0	7	6	11	0	0	1	11	19	0	3	2	3	10	7	4	2	0	
LOSSIEMOUTH	6	3	1008.8	-	9.2	1.1	10.1	86	5.8	0	5	7	10	9	0	0	0	0	0	0	0	1	6	6	10	7	0	2	6	21	2	2	1	4	9	5	7	1	0	
		9	1009.3	-	10.0	1.2	10.5	84	6.2	0	4	3	14	10	0	0	0	0	0	0	0	1	2	9	6	5	0	1	10	20	0	1	1	4	13	4	5	2	1	
		15	1008.4	-	12.0	2.0	10.8	76	6.2	0	4	3	15	9	0	0	0	0	0	0	0	0	0	8	7	6	10	1	0	15	15	0	2	3	7	11	1	5	0	
TAYSIDE	35	9	1008.7	-	9.5	1.1	10.3	85	5.4	0	9	4	8	10	0	0	0	0	0	0	0	6	12	6	7	0	0	12	19	0	2	1	3	12	9	3	1	0		
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
		21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
FIFE	12	3	1009.4	-	9.3	0.6	11.0	92	6.0	1	4	4	10	11	1	0	0	0	0	0	0	3	8	3	8	4	0	0	11	15	5	0	1	7	6	2	4	2		
		9	1009.9 - 2.2	-	10.3	0.9	11.1	88	6.4	0	5	2	9	15	0	0	0	0	0																					



TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

OCTOBER 1979

DISTRICT. REGION/COUNTY AND PLACE	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 - 39 M	40 - 190 M	200 - 390 M	400 - 990 M	1000 - 1900 M	2000 - 3900 M	4 - 9 KM	10 - 19 KM	20 - 39 KM	40 KM AND OVER	BEAUFORT FORCE										N	NE	E	SE	S	SW	W	NW																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
									MEAN	0	1 - 2	3 - 5	6 - 7	8	SKY OBSERVED											8 OR MORE	SPEED (KT)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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6 SCOTLAND W -CONTO. DUMFRIES & GALLOWAY																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
ESKDALEMUIR	237	3	1010.0	-	7.9	0.6	10.1	92	6.5	2	2	2	7	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0







[illegible]



OCTOBER 1979

DISTRICT, COUNTY AND PLACE	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 - 39 M	40 - 190 M	200 - 390 M	400 - 990 M	1000 - 1900 M	2000 - 3900 M	4 - 9 KM	10 - 19 KM	20 - 39 KM	40 KM AND OVER	BEAUFORT FORCE					N	NE	E	SE	S	SW	W	NW						
										MEAN	0	1 - 2	3 - 5	6 - 7	8											SKY OBSERVED	34 OR MORE	22-33	11-21	1-10									0					
																																								SPEED (KT)				
																																								34 OR MORE	22-33	11-21	1-10	0
NUMBER OF OBSERVATIONS																																												
BA WALES S - CONTO. SOUTH GLANORGAN																																												
RHOOSE	69	3	1009.6	-	10.5	0.5	12.1	93	5.7	1	6	4	7	13	0	0	0	0	0	0	3	6	13	8	1	0	0	0	7	24	0	1	6	10	3	4	3	3						
		9	1010.5	- 0.9	11.4	0.8	12.3	90	6.2	0	2	6	18	5	0	0	0	0	1	2	0	11	8	8	1	0	0	0	10	21	0	2	5	10	3	4	2	4						
		15	1009.7	-	13.8	1.9	12.6	79	6.0	0	4	15	7	0	0	0	0	0	0	2	4	6	13	6	0	0	0	0	14	17	0	0	4	11	3	4	3	6	0					
		21	1010.1	-	11.2	0.7	12.2	91	6.1	0	5	6	15	0	0	0	0	0	1	1	5	10	13	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
BB ENGLAND SW AVON																																												
FILTON	61	3	1010.2	-	10.0	0.6	11.6	93	4.4	4	7	7	4	9	0	0	0	0	1	3	4	5	6	11	6	0	0	0	4	23	4	1	5	8	5	3	2	1	2					
		9	1011.1	- 5.3	11.1	0.8	12.1	90	6.3	1	3	1	18	8	0	0	0	0	1	5	5	5	11	4	0	0	0	0	7	20	3	0	2	9	3	6	4	2	0					
		15	1010.1	-	14.5	2.5	12.2	73	6.2	0	1	8	17	5	0	0	0	0	0	0	5	2	4	12	8	0	0	0	0	0	0	1	2	5	5	2	7	8	1					
		21	1010.7	-	11.2	0.8	12.2	90	5.7	1	7	2	7	14	0	0	0	0	2	4	8	7	10	0	0	0	0	0	5	21	5	0	9	5	5	4	2	1						
SOMERSET																																												
EXTON	-	9	-	-	9.8	0.3	11.7	95	6.5	0	2	5	12	7	5	0	3	0	2	1	6	12	2	5	0	0	0	7	22	2	2	3	5	12	1	3	0	-						
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
		21	-	-	9.5	0.2	11.7	97	6.5	1	2	4	3	18	3	0	3	0	0	1	2	11	5	7	2	0	0	7	22	2	4	1	6	1	13	1	2	1						
YEOVILTON	23	3	1009.8	-	9.8	0.4	11.7	95	5.4	1	5	7	6	10	2	0	3	1	1	1	16	7	1	0	0	0	0	0	5	19	7	3	0	11	1	4	2	3	0					
		9	1010.6	-	11.3	0.9	12.1	89	6.1	1	2	4	19	5	0	0	0	2	6	2	8	12	1	0	0	0	0	8	15	8	3	2	6	4	2	2	0							
		15	1009.8	-	14.9	2.6	12.4	73	6.3	0	0	9	16	6	0	0	0	0	2	1	5	12	1	0	0	2	12	17	0	3	2	6	5	10	2	3	0							
		21	1010.3	-	11.2	0.7	12.3	91	5.7	3	3	7	2	16	0	0	0	0	2	5	11	10	3	0	0	0	0	6	19	6	2	1	8	5	5	3	0	1						
DORSET																																												
HURN	11	3	1010.2	-	10.1	0.4	12.0	95	5.5	2	5	6	6	12	0	0	0	3	2	3	3	6	10	4	0	0	0	4	19	8	3	5	4	2	4	2	1	2						
		9	1011.2	-	11.7	0.7	12.8	92	5.9	0	2	8	16	5	0	0	0	0	1	2	6	9	7	0	0	0	0	2	26	3	3	6	4	3	4	5	1	2						
		15	1010.4	-	14.8	2.4	12.7	75	5.9	0	2	7	15	7	0	0	0	0	0	3	2	7	14	5	0	0	0	9	22	0	2	1	5	7	9	4	2	1						
		21	1010.8	-	11.1	0.6	12.5	93	5.2	5	3	5	5	13	0	0	0	0	1	4	9	5	11	0	0	0	0	0	3	24	4	1	5	6	5	3	5	1	1					
PORTLAND BILL-C.O.	54	3	1009.9	-	12.8	0.7	13.7	92	5.0	4	5	4	13	0	0	0	1	2	0	6	17	5	0	0	0	0	0	5	16	9	1	2	5	5	2	5	4	2	5					
		9	1010.8	-	13.0	1.0	13.4	89	6.3	0	2	5	14	8	2	0	1	1	0	2	5	14	7	0	0	0	6	14	11	0	0	4	7	4	3	4	4	5						
		15	1010.3	-	14.4	1.5	13.7	83	6.5	0	2	4	14	11	0	0	0	1	0	1	2	6	13	7	0	1	7	11	13	0	1	2	6	7	5	3	2	1						
		21	1010.4	-	13.1	0.8	13.8	91	5.8	2	6	1	6	16	0	0	0	0	1	4	5	8	13	0	0	0	6	19	6	0	2	5	7	4	2	5	1							
DEVON																																												
EXETER	38	3	1009.6	-	10.9	0.6	12.3	93	6.2	2	2	3	12	10	2	0	2	0	1	4	3	2	9	9	1	0	0	5	23	3	2	3	4	9	5	0	3	2						
		9	1010.5	- 6.1	11.3	0.7	12.4	91	5.9	0	5	3	18	5	0	0	1	3	0	2	3	12	4	3	0	0	0	7	23	1	8	3	4	6	5	2	1	1						
		15	1009.8	-	14.6	2.1	13.0	78	6.5	0	2	1	24	4	0	0	0	0	0	2	7	3	7	12	0	0	0	16	15	0	1	2	3	15	3	2	2	3						
		21	1010.1	-	11.8	0.7	12.8	91	5.9	2	4	4	6	15	0	0	0	0	1	0	4	10	5	7	4	0	0	0	8	22	1	1	5	8	7	1	1	2						
HARTLAND POINT	93	3	1008.8	-	11.9	1.0	12.4	88	5.5	0	2	12	10	6	1	0	1	0	0	1	1	7	12	9	0	0	3	17	11	0	2	3	5	2	7	3	8	1						
		9	1009.7	-	12.2	1.1	12.4	87	6.3	0	1	7	16	7	0	0	0	0	0	1	2	12	10	6	0	2	14	13	2	2	4	6	2	5	3	6	1							
		15	1008.8	-	13.6	1.7	12.6	80	6.3	0	0	9	14	7	1	0	1	0	0	0	0	1	11	11	7	0	4	9	15	3	2	2	6	3	3	8	1							
		21	1009.1	-	12.2	1.1	12.4	86	5.4	0	4	10	8	9	0	0	0	0	0	0	2	8	11	10	1	4	12	13	1	1	4	6	5	6	3	4								
MOUNT BATTEN	28	3	1009.4	-	11.8	0.8	12.6	90	5.8	1	4	4	15	7	0	0	0	0	0	3	10	11	4	3	0	0	0	12	18	1	3	3	11	3	4	3	3	0						
		9	1010.2	- 6.4	12.8	1.1	13.1	87	6.2	0	4	3	18	6	0	0	0	0	0	8	13	4	3	0	0	0	13	15	3	2	1	9	4	6	1	4	1							
		15	1009.5	-	14.7	1.9	13.3	79	6.6	0	0	7	17	7	0	0	0	0	1	1	5	9	8	7	0	0	0	16	15	0	2	2	4	7	7	5	3	1						
		21	1009.9	-	12.4	0.9	13.1	90	5.6	1	4	6	12	8	0	0	0	0	0	5	6	12	6	2	0	2	12	17	0	1	4	7	5	6	3	5	0							
PRAWLE POINT																																												
-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
		9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
		21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
CORNWALL																																												
CAMBORNE	89	3	1008.7	-	11.0	0.6	12.2	92	5.0	3	5	8	10	7	0	0	0	1	1	0	4	3	9	11	2	0	2	9	19	1	3	3	2	5	12	2	1	2						
		9	1009.3	-	12.2	0.9	12.9	90	5.8	0	4	3	19	5	0	0	0	1	0	1	1	10	5	10	2	0	2	13	14	2	0	4	2	9	8	2	1	3						
		15	1008.6	-	13.8	1.7	12.8	81	6.5	0	2	6	13	10	0	0	0	0	2	1	7	2	12	7	0	0	4	14	13	0	5	0	2	8	3	2	3							
		21	1009.0	-	11.6	0.7	12.7	92	5.5	0	5	10	6	9	1	0	0	0	3	0	3	7	8	3	0	2	9	16	4	1	1	1	7	11	3	2	1							
CULDROSE	84	3	1008.9	-	11.2	0.4	12.7	94	5.4	1	5	9	7	7	2	0	2	0	0	1	2	9	8	0	0	0	0	13	17	1	4	3	4	3	6	2	7	1						
		9	1009.6	-	12.4	0.6	13.4	92	5.9	0	2	9	15	5	0	0	0	1	2	4	12	6	5	1	0	0	16	13	2	1	3	6	5	3	4	2								
		15	1008.8	-	14.0	1.4	13.6	85	6.4	0	0	9	15	7	0	0	0	1	1	2	13	4	8	2	0	0	17	14	0	2	2	3	8	4	5	4	3							
		21	1009.3	-	11.9	0.5	13.2	94	5.2	3	3	7	7	10	1	0	0	1	2	1	2	8	8	9	0	0	1	11	18	1	1	2	4	9	4	4	2							
GWMENAP HEAD	70	3	1008.7	-	12.4	0.9	13.0	89	4.9	3	5	6	7	9	1	0</																												



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

OCTOBER 1979

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	0	20	11	0	0	0	0	0	0	0	0	4	27	0	0	CAMBRIDGE BOTANIC GARDENS	0	0	1	12	16	2	0	0	-	-	-	-	-	-	-	-	-	-						
LERNICK (SCREEN)	0	0	19	11	1	0	0	0	0	0	0	0	4	26	1	0	EDOBASTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
STORNOWAY	0	0	3	26	2	0	0	0	0	0	0	0	6	18	7	0	KEN (PSYCHROMETER)	0	0	1	11	16	3	0	0	0	0	0	0	2	5	15	8	1							
CRAIBSTONE	0	0	4	25	2	0	0	0	0	0	0	0	6	22	3	0	KEN (NORTH-WALL SCREEN)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
ROTHESAY	0	0	1	27	3	0	0	0	0	0	0	0	1	23	7	0	HASTINGS	0	0	2	10	19	0	0	0	0	0	0	0	2	13	16	0	-							
ABBOTSINCH	0	0	1	23	7	0	0	0	0	0	0	1	9	10	11	0	SOUTHAMPTON	0	0	0	11	20	0	0	0	0	0	0	0	0	1	20	9	1							
ESKDALEMUIR (PSYCHROMETER)	0	0	10	18	3	0	0	0	0	0	0	0	3	7	16	5	0	RINGWAY	0	0	3	15	12	1	0	0	0	0	0	0	5	16	9	1							
ESKDALEMUIR (SCREEN)	0	0	7	19	5	0	0	0	0	0	0	0	3	6	16	6	0	VALLEY	0	0	0	19	11	1	0	0	0	0	0	0	1	16	14	0							
DOUGLAS	0	0	1	28	2	0	0	0	0	0	0	0	1	17	13	0	RHOOSE	0	0	2	12	17	0	0	0	0	0	0	0	4	15	12	0	-							
BOULMER	0	0	2	25	4	0	0	0	0	0	0	0	4	19	8	0	FALMOUTH	0	0	0	19	12	0	0	0	0	0	0	0	0	1	18	12	0							
HULL	0	0	1	15	13	2	0	0	0	0	0	0	6	15	10	0	ALDERGROVE	0	0	3	18	10	0	0	0	0	0	0	0	4	17	10	0	-							
DORLESTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ARMADON	0	0	1	22	8	0	0	0	0	0	0	0	1	7	13	10	0							

TABLE 6 SUMMARY OF AUTOGRAPHIC RECORDS OF WIND

OCTOBER 1979

DISTRICT REGION/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												
			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											
			ABOVE MSL	ABOVE GROUND EFFECTIVE																												
0 SCOTLAND N																																
SHEPHERD LERWICK		93	10	10	19 20 30	8	20	268	281	138	49	0	17.4	230	36	19	19	220	58	19	1248											
ORKNEY KIRKWALL AIRPORT		41	15	10	19	4	15	173	397	153	17	0	15.9	250	36	19	19	250	53	19	2000											
WESTERN ISLES BENBECULA		16	10	10	22	3	14	143	350	204	44	0	14.5	170	36	22	10	170	55	24	0612											
HIGHLAND STORNOWAY		12	10	10		0	7	29	321	329	65	0	10.6	200	32	18	20	220	45	18	2018											
DALCROSS		19	10	10		0	2	2	173	400	169	0	7.5	170	24	30	10	170	41	30	1048											
DOUNREAY		34	12	9	25	1	16	105	330	216	68	24	13.5	150	35	25	08	150	48	25	0812											
DUIRINISH		38	20	17	DEFECTIVE RECORD																											
FORT AUGUSTUS		58	16	16		0	0	0	40	381	317	6	4.5	230	17	19	13	120	31	23	0454											
WICK		45	10	10		0	10	85	423	181	55	0	13.6	150	30	25	11	170	48	22	2042											
1 SCOTLAND E																																
GRAMPIAN ABERDEEN DYCE AIRPORT		68	10	10		0	2	7	325	317	95	0	9.6	170	25	30	17	170	40	30	1736											
FRASERBURGH		29	13	11		0	4	30	483	224	7	0	12.6	260	32	18	05	110	41	25	0954											
KINLOSS		18	13	13		0	1	3	182	386	173	0	7.7	130	24	25	11	130	41	25	1136											
LOSSIEMOUTH		17	10	10		0	8	38	249	362	95	0	9.8	150	33	23	07	150	50	23	0242											
TAYSIDE BELL ROCK		39	40	38	22 23 25	16	22	209	385	118	16	0	17.6	130	38	25	09	130	51	25	0936											
MYLNEFIELD		40	10	10		0	0	0	89	389	263	3	5.9	110	20	25	09	120	37	25	1012											
TUMMEL BRIDGE		161	16	16		0	0	0	53	393	294	4	5.4	110	17	25	07	110	35	22	1518											
FIFE LEUCHARS		25	13	13		0	4	14	275	302	153	0	9.0	130	30	25	09	230	41	30	1954											
LOTHIAN EDINBURGH																																
TURNHOUSE AIRPORT		43	13	10		0	2	2	231	379	132	0	8.4	240	22	19	13	260	41	19	0500											
ROYAL OBSERVATORY																																
BLACKFORD HILL		159	10	10	18	4	11	45	291	328	34	42	11.5	36	18	21		57	18	2100												
FORTH ROAD BRIDGE		72	72	19		2	7	35	351	276	80	0	11.3	230	35	19	03	230	50	19	0324											
6 SCOTLAND W																																
STRATHCLYDE ABBOTSINCH AIRPORT		16	10	10		0	1	3	194	436	111	0	8.4	220	26	19	01	220	39	19	0118											
ARDROSSAN		24	20			0	8	40	336	320	44	4	11.2	290	29	18	00		41	17												
DUNSTAFFNAGE		13	10	10	22	1	3	12	334	255	142	0	9.8	080	36	22	11	080	51	22	1118											
GREENOCK PORT		51	49			0	5	19	316	330	79	0	9.9	200	26	19	00	200	39	19	0042											
INCHTERF		55	15	12	DEFECTIVE RECORD																											
LOWTHER HILL		754	27																													
MACHRIHANISH		22	12	12	25	5	18	143	380	161	55	0	14.7	120	36	25	04	120	52	25	0406											
PAISLEY		57	25	9		0	0	0	93	421	230	0	5.9	150	19	22	13	150	37	22	1324											
PRESTWICK AIRPORT		21	10	10		0	3	6	321	343	74	0	9.8	130	25	22	13	270	44	19	0412											
TIREE		24	16	12	22 24 25	10	17	156	369	177	32	0	15.8	140	36	22	09	140	50	22	0912											
DUMFRIES AND CHAPEL CROSS		64	15	15		0	1	4	103	495	142	0	7.0	190	22	19	00	190	40	19	0036											
GALLOWAY ESKDALEMUIR		259	10	10		0	2	8	155	396	185	0	7.2	230	27	19	01	220	47	19	0048											
WEST FREUGH		25	10	10		0	5	46	331	292	75	0	11.3	140	28	25	05	140	45	25	0512											
2 ENGLAND E & NE																																
NORTHUMBERLAND BLYTH		19	10	10		0	3	5	265	372	82	20	9.3	140	24	25	07	140	42	25	0706											
BOULMER		33	10	10		0	2	13	256	360	115	0	9.1	110	26	25	07	120	37	25	0812											
TYNE AND WEAR SOUTH SHIELDS		22	17	13		0	1	1	227	348	168	0	7.6	140	22	25	07	140	32	25	0718											
CLEVELAND SOUTH GARE		28	20	20		0	12	52	409	210	68	5	12.5	120	28	25	05	130	40	25	0906											
DURHAM DURHAM		119	16	10																												
NORTH YORKSHIRE LEEMING		42	10	10		0	0	0	148	407	189	0	7.1	220	21	19	04	150	32	25	0718											
LINTON-ON-OUSE		23	9	10		0	0	0	101	431	212	0	6.3	210	19	19	10	120	34	25	0618											
SILPHO MOOR		207	15	9		0	0	0	90	362	274	18	5.6	140	20	25	07	140	37	25	0706											
HUMBERSIDE SPURN POINT						0	9	70	380	266	27	1	12.7	130	29	22	23	130	39	22	2336											
LINCOLNSHIRE BINBROOK		118	10	10		0	0	0	225	401	116	2	8.4	190	21	30	22	230	30	19	1312											
CONINGSBY		16	10	10		0	0	0	138	405	201	0	6.4	250	17	18	00	250	29	18	0024											
CRANWELL		68	13	13		0	1	5	229	381	129	0	8.5	230	24	19	11	230	34	19	1112											
SCAMPTON		68	10	10	DEFECTIVE RECORD																											
WADDINGTON		80	10	10		0	0	0	189	410	145	0	7.7	220	20	19	11	220	35	19	1100											
3 EAST ANGLIA																																
NORFOLK COLTISHALL		27	10	10		0	0	0	149	384	211	0	6.7	120	19	23	10	110	30	23	1512											
GORLESTON		16	13	13		0	7	74	278	346	25	21	11.9	120	31	22	21	120	40	22	2336											
HEMSBY		26	13	13		0	2	17	231	355	100	41	9.3	120	24	22	22	120	34	22	2142											
MARHAM		29	10	10		0	0	0	216	371	157	0	8.0	120	20	23	10	120	32	23	1036											
CAMBRIDGESHIRE WITTERING		87	10	10		0	0	0	166	433	145	0	7.5	210	20	19	08	110	31	22	1024											
MYTON		45	10	10		0	0	0	142	463	139	0	7.1	120	18	22	10	120	30	22	1042											
SUFFOLK HONINGTON		60	13	13		0	0	0	168	451	125	0	7.5	100	20	23	10	100	31	23	1036											



TABLE 6 SUMMARY OF AUTOGRAPHIC RECORDS OF WIND

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OCTOBER 1979

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	34 KT OR MORE (10ALE 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	HOURS OF NO RECORD	VEER FROM N	SPEED-KT	DAY	HOUR BEGINNING	VEER FROM N			SPEED-KT	DAY	TIME							
3 EAST ANGLIA - CONTINUED																									
BEDFORDSHIRE	WATTISHAM	105	17 10		0	0	0	256	453	35	0	9.3	100	20	23	09	100	30	23	1006					
	BEDFORD	94	13 9		0	0	0	147	486	111	0	7.4	100	20	22	10	210	30	31	0154					
	CARDINGTON	70	41 41		0	2	2	225	379	138	0	8.2	120	22	22	10	120	35	22	1006					
HERTFORDSHIRE	GRSTON	94	15 10		0	0	0	40	432	272	0	4.9	290	16	22	11	290	25	22	0648					
ESSEX	SHOEBURNESS	17	14 12		0	3	34	182	456	66	6	9.0	110	25	22	20	110	36	22	2030					
	STANSTED	108	10 10		0	0	0	106	479	158	1	6.5	120	21	22	11	120	33	22	1118					
4 MIDLAND COUNTIES																									
WEST YORKSHIRE	WILSDEN	272	10 10		0	0	0	135	404	205	0	7.0	250	20	31	06	240	36	31	0012					
SOUTH YORKSHIRE	FINNINGLEY	19	10 10		0	0	0	109	393	242	0	6.1	230	19	19	11	230	29	19	0930					
	HIGH BRADFELD	405	10 10																						
	SHEFFIELD UNIVERSITY	146	29 15		0	0	0	61	328	355	0	4.9	120	17	22	11	150	36	25	0618					
NOTTINGHAMSHIRE	WATNALL	133	16 10		0	0	0	99	441	204	0	6.2	230	16	19	14	230	32	19	1448					
STAFFORDSHIRE	CELLARHEAD	241	13 8		0	0	0	175	429	139	1	7.4	240	18	19	12	120	35	22	1148					
	KEELE	215	15 10		0	0	0	44	392	308	0	4.5	110	14	22	10	120	42	22	1442					
SALOP	SHAWBURY	84	12 10		0	1	1	91	399	253	0	6.0	230	23	19	11	230	33	19	1112					
WEST MIDLANDS	BIRMINGHAM																								
	EDGBASTON	196	36 22																						
OXFORDSHIRE	ELMDON AIRPORT	104	10 10		0	0	0	119	376	249	0	6.1	100	18	22	13	100	33	22	1300					
	BENSON	67	10 10		0	0	0	175	368	201	0	6.9	100	17	22	10	100	33	22	1012					
	BRIZE NORTON	91	13 10		0	0	0	129	395	220	0	6.3	100	20	22	10	240	31	31	0206					
	OXFORD	113	50 22		0	0	0	124	374	246	0	6.5	090	17	22	11	090	30	22	1206					
5 ENGLAND SE & CENTRAL S																									
GREATER LONDON	HEATHROW AIRPORT	34	10 10		0	1	1	118	480	145	0	6.8	080	22	22	11	090	31	22	1000					
	KEW	28	23 15		0	0	0	114	313	317	0	5.4	090	20	22	11	100	38	22	0924					
	LONDON WEATHER CENTRE	93	70 38		0	0	0	155	499	90	0	7.7	100	19	22	11	100	36	22	1212					
WILTSHIRE	POST OFFICE TOWER		174																						
	BOSCOMBE DOWN	130	17 17		0	0	0	225	396	123	0	8.5	100	21	22	12	100	34	22	1048					
	LARKHILL	145	13 10		0	0	0	113	460	171	0	6.5	100	17	22	10	100	31	22	1048					
KENT	LYNEHAM	160	14 13		0	0	0	149	466	129	0	7.5	130	20	25	00	130	31	25	0000					
	PORTON	120	10 10		0	0	0	191	385	153	15	7.5	090	20	22	10	090	32	22	1054					
	DOVER	27	21 18	22	8	10	96	262	262	93	23	12.4	060	37	22	07	070	46	22	0800					
HAMPSHIRE	DUNGENESS	16	10 10		0	7	58	308	317	61	0	11.1	110	28	22	04	110	39	22	0000					
	EAST MALLING	33	12 10		0	0	0	22	321	401	0	3.6	230	14	19	10	110	30	22	0936					
	ISLE OF GRAIN	15	12 10		0	1	3	171	432	138	0	7.6	110	23	22	10	110	34	22	1054					
WEST SUSSEX	MANSTON	62	18 18		0	3	27	341	323	53	0	10.8	110	25	22	20	110	38	22	2042					
	CALSHOT	15	13 10		0	7	32	272	378	61	1	10.1	080	25	22	10	080	37	22	1030					
	FARNBOROUGH	75	10 10		0	0	0	61	397	286	0	5.4	100	18	22	10	100	33	22	1030					
ISLE OF MAN	MIDDLE WALLOP	94	10 10		0	0	0	137	409	198	0	6.6	100	19	22	10	100	28	22	1048					
	GATWICK AIRPORT	69	10 10		0	0	0	127	415	202	0	6.5	080	20	22	09	080	36	22	0900					
7A ENGLAND NW & I O M																									
CUMBRIA	CARLISLE	41	13 9		0	0	0	123	483	138	0	7.0	240	19	19	01	230	39	19	0448					
	ESKMEALS	23	15 14		0	3	8	245	252	239	0	7.8	100	26	22	21	100	49	22	1318					
	GREAT DUN FELL	857	10 10	18 19 22 30	11	19	148	402	152	31	0	15.8	220	39	19	01	230	49	19	0148					
LANCASHIRE	MOOR HOUSE	595	13 12																						
	SELLAFIELD	25	12 11		0	2	4	254	367	119	0	8.8		24	19	00	120	35	22	1318					
	AUGHTON	54	14 10		0	0	0	149	496	99	0	7.4	130	17	25	01	130	35	25	0136					
MERSEYSIDE	FLEETWOOD	34	15 9		0	1	3	111	395	235	0	6.3	280	23	18	02	120	37	25	0512					
	SQUIRES GATE AIRPORT	22	12 11		0	4	6	301	380	57	0	9.8	120	23	22	12	240	34	17	2024					
	RIGBIRTH	38	23 11		0	1	2	146	462	134	0	7.2	220	27	19	10	230	40	19	1054					
GREATER	MANCHESTER																								
ISLE OF MAN	RINGWAY AIRPORT	80	10 10		0	0	0	179	431	134	0	7.5	120	18	22	10	110	32	22	1018					
	WEATHER CENTRE	82	45 17		0	0	0	87	491	166	0	6.4	230	16	19	12	240	40	19	1242					
	POINT OF AYRE	20	10 10	22 25	8	11	79	422	202	33	0	13.8	130	35	25	05	130	49	22	0812					
	RONALDSWAY	25	10 10		0	12	98	340	257	49	0	12.8	120	32	25	03	120	49	25	0330					
7B WALES N																									
GWYNEDD	VALLEY	26	16 12		0	13	87	279	323	55	0	11.9	210	32	19	03	210	45	19	0324					
8A WALES SOUTH																									
DYFED	ABERPORTH	144	10 10		0	9	32	424	245	43	0	12.2	160</												



TABLE 3 ADDITIONS AND CORRECTIONS

YEAR MONTH STATION			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	WIND MIN. BELOW 0 DEG C	WIND MAX. 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
1979	APR	CAMBRIDGE BG	12.3		8.2	-0.7																										
	MAY	AROS	12.1												14	26	20															
		GLENLOCHAR BARRAGE										61	158	19	3																	
		GORLESTON	16.2	5.9	11.1							77	202	15	1																	
		EAST BERGHOLT										97																				
		NEWTORPE																														
		HAMPTON LODGE	14.9	5.0	9.9		25.0	14	-2.0	5														5								
		PRESTON MONTFORD	14.4	4.5	9.5				-2.6	4																						
		BIRMINGHAM KES																														
		LUDDINGTON										120	185												14							
		PRESTON WYNNE										112																				
		NICKLEHAM		5.0																												
		GILLINGHAM										72	163	17	1	12	10															
		HADLOW COLLEGE		5.3	10.6							74				18	13															
		HAYLING ISLAND		7.4	10.4																											
		SPARSHOLT																														
		HURSTPIERPOINT	-	-	-		-	-	-	-																						
		HELMSHORE	11.5	4.4	7.9		21.0	13	-1.6	3	8.9													4								
		RIGBIRTH																														
		NESS GARDENS																														
		BMLCHGWYN																														
		COLWYN BAY																														
		ABERYSTWYTH	-	-	-		-	-	-	-		97	193																			
		CARMARTHEN																														
		ORIELTON	12.0	5.7	8.9		17.3	15	-0.7	6	11.2	135	190	24	10	22	15	3	0	0	0	0	3	2	6		0					
		TENBY										129				22	18															
		PORTHCAWL	12.9		9.9		22.2	15																								
		USK	14.6	5.1	9.9	-1.5	25.5	15	-3.3	5	12.3	103	128	17	26	19	14	1	0	1	0	0	5	7		1	0					
		EXMOUTH	13.4	6.4	9.9	-1.4	18.7	11	0.4	2		95	147	19	25	21	19	1	0	0	0	1	1	0		1	0					
		HARTLAND POINT																														
		HENYOCK																														
		SLAPTON		5.7	9.7																											
		DELABOLE		-	-																											
		FALMOUTH		6.1	9.4	-2.3			-1.8	5																						
		TREGASTIC																														
		BOOM HALL																														
		MONEYDIO																														
		MILLTOWN	12.4	4.7	8.5																											
		LOUGH BRADAN																														



## MONTHLY WEATHER REPORT

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

## Unsettled; wet in north-west.

On the 1st a depression centred over Iceland was filling slowly as a ridge of high pressure over the Atlantic moved eastwards towards the British Isles. During the following day an anticyclone developed off south-west England but the centre of high pressure was quickly transferred eastwards and the British Isles came within the circulation of a deep depression which moved north-eastwards from mid-Atlantic to the Norwegian Sea. Pressure then remained low to the north and north-east of Britain for some time with a succession of frontal troughs and small depressions moving across all areas.

On the 17th a deep depression moved from south of Iceland towards the Faeroes with the associated fronts clearing eastern coastal districts of England early on the 18th. A ridge of high pressure then developed over the British Isles with an anticyclone becoming established over central areas on the 20th. The high-pressure centre slowly drifted south-eastwards during the next few days and although pressure remained high from Spain across western Europe until the end of the month, frontal systems occasionally crossed the British Isles from the west.

## Weather

The weather during most of the month was unsettled and there were showers or longer periods of rain in all areas from time to time, with the heaviest falls generally in north-western areas. Hail, sleet and snow occurred at times, particularly between the 7th and 17th, and there were scattered thunderstorms during the first three weeks. It was mild at times during the first week and again during the last few days of the month.

## Wind

Until the 18th winds were frequently fresh or strong and often reached gale force on exposed coasts and hills. On the 3rd, during gales over northern areas, a gust of 71 kt was recorded at the Royal Observatory in Edinburgh. From the 19th to 21st winds were generally lighter, except in the north-west, but from the 22nd until the end of the month fresh or strong winds again occurred in many areas with gales in some districts. On the 25th and 26th gales became severe around Irish Sea coasts and on the 28th a gust of 81 kt was recorded at the high-level station at Cairngorm in Scotland. Wind directions during the month were mostly between south-west and north-west, but were variable for a time over England and Wales on the 20th and 21st.

## Temperature

Monthly mean temperatures were within 1 °C of average almost everywhere. Values were below normal over most of Scotland, in parts of east and south-east England and in a few widely scattered districts elsewhere in England and Northern Ireland. In remaining areas of the United Kingdom values were around or above normal.

During the first week of the month there were mild days in all districts; on the 3rd temperatures of around 18 °C were recorded along the Moray Firth, in North Wales and in Co. Down. Colder weather spread to all areas during the 7th and 8th and persisted for the next 10 days. Night frosts occurred in many places; on the night of 12th/13th the temperature fell

to -11.6 °C at West Linton (Borders Region) and minima of -6.0 °C were reported as far south as Bournemouth and Poole in Dorset. The weather became generally less cold from the 17th onwards and during the last few days of the month very mild conditions spread to most districts, the temperature rising to 17.9 °C at Hawarden Bridge (Clwyd) on the 29th.

## Rainfall

Rainfall totals were well above average over Northern Ireland and most of Scotland, except in some eastern areas. In Northern Ireland it was the second wettest November this century, and in some western parts of Scotland more than twice the normal rainfall was recorded, Glasgow having its wettest November since 1939. In contrast, however, only just over half the normal rainfall for the month fell in parts of the Grampian Region. Above-average rainfall occurred over most of northern England, the north Midlands, much of Wales and over parts of Exmoor and Dartmoor. Remaining areas in England and Wales had below-average rainfall with less than 50 per cent of the normal falling in parts of southern England.

Showers or periods of rain affected all areas from time to time during the month. Rainfall was occasionally heavy; in the 24 hours from 09 GMT on the 13th several places in Co. Down and Co. Armagh recorded falls of more than 50 mm and on the 25th the heaviest 'daily' fall of the year in the United Kingdom, 185.2 mm was recorded at Honister Pass (Cumbria). Serious flooding occurred in parts of the Lake District, Yorkshire and Scotland following the heavy rain on the 25th.

## Snow

Scattered sleet or snow showers were reported over high ground in Scotland on the 1st and 2nd and early in the last week, but the heaviest falls of the month occurred during the second and third weeks. On the 8th and 9th there were widespread reports of sleet and snow over Scotland and also over high ground in England and Wales. On the 14th and 15th snow affected many parts of the United Kingdom and lay

for a time on low ground, particularly in western Scotland where land and air traffic were disrupted.

## Sunshine

Sunshine totals were above average, with values up to 150 per cent of normal, in Orkney and Shetland, eastern and southern Scotland, most parts of Northern Ireland, North Wales and much of England, except for some south-western areas and a few isolated places elsewhere. In most remaining districts between 75 and 100 per cent of the normal sunshine for November was recorded, although at Fort Augustus (Highland Region) it was the dullest November since 1956 with only 59 per cent.

Over Scotland the first half of the month was generally sunnier than the second and at Lerwick (Shetland) 42.6 out of a total of 48.7 hours of sunshine for the month were recorded during the first 16 days. In other parts of the United Kingdom there were sunny days at times throughout the month, but even in areas where monthly totals were above normal, there were about 10 sunless days.

## Fog

Except during the third week of the month, fog in inland areas was reported only on a few isolated occasions. On the night of 16th/17th fog patches formed in many central and eastern areas of England and on the nights of 19th/20th and 20th/21st fog formed extensively, becoming dense in many areas and persisting throughout the day in places on both the 20th and 21st.

Hill and coastal fog patches were reported on a few occasions during the month, mainly associated with precipitation, but there were no persistently foggy spells.

## Miscellaneous Phenomena

A funnel cloud was reported at Lossiemouth (Grampian Region) on the 15th. Unusual deposits of dust and 'coloured rain', probably due to dust carried from the Sahara, were reported from places in the north-west on the 28th.

Table 1 District values

District	air temperature °C					mean 30-cm earth temp °C	rain- days	rainfall	sun- shine
	Highest Max*	Lowest Min*	max.	min.	mean				
difference from average							% of average		
0 Scotland N	14.9	−4.5	−0.8	−1.0	−0.9	−0.6	+4	166	102
1 Scotland E	18.0	−9.8	+0.2	−0.2	0.0	−0.1	+2	103	118
2 England E & NE	16.5	−7.1	+0.5	−0.8	−0.1	−0.5	0	93	128
3 East Anglia	15.3	−5.1	+0.3	−0.6	−0.1	−0.1	+1	82	113
4 Midland Counties	17.0	−7.5	+0.9	−0.3	+0.3	−0.1	+1	88	120
5 England SE & Central S	15.7	−6.7	+0.5	−0.3	+0.1	0.0	+3	68	118
6 Scotland W	15.8	−9.8	−0.1	−0.4	−0.3	−0.2	+6	172	97
7 England NW & Wales N	17.9	−7.0	+0.3	+0.2	+0.3	+0.1	+4	128	105
8 England SW & Wales S	16.1	−6.0	+0.5	−0.1	+0.2	+0.2	+3	83	94
N Ireland	16.4	−4.9	+0.6	−0.1	+0.2	−0.1	+5	157	105
Scotland	18.0	−9.8	−0.2	−0.5	−0.4	−0.3	+4	147	106
England & Wales	17.9	−7.5	+0.5	−0.3	+0.1	−0.1	+2	90	113

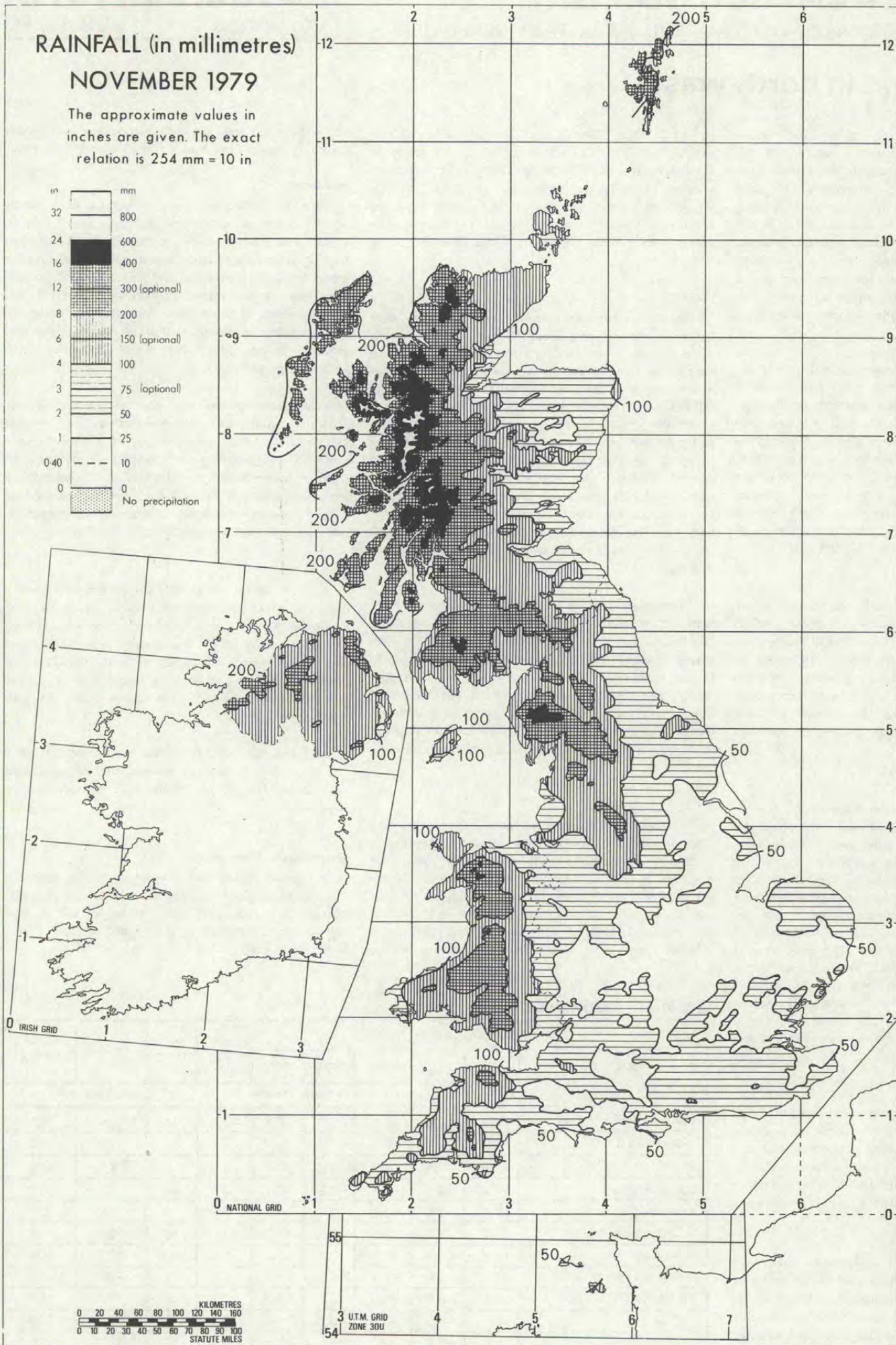
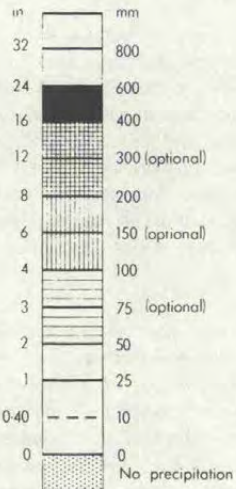
\* Highest maximum and lowest minimum of District Value Stations



# RAINFALL (in millimetres)

## NOVEMBER 1979

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





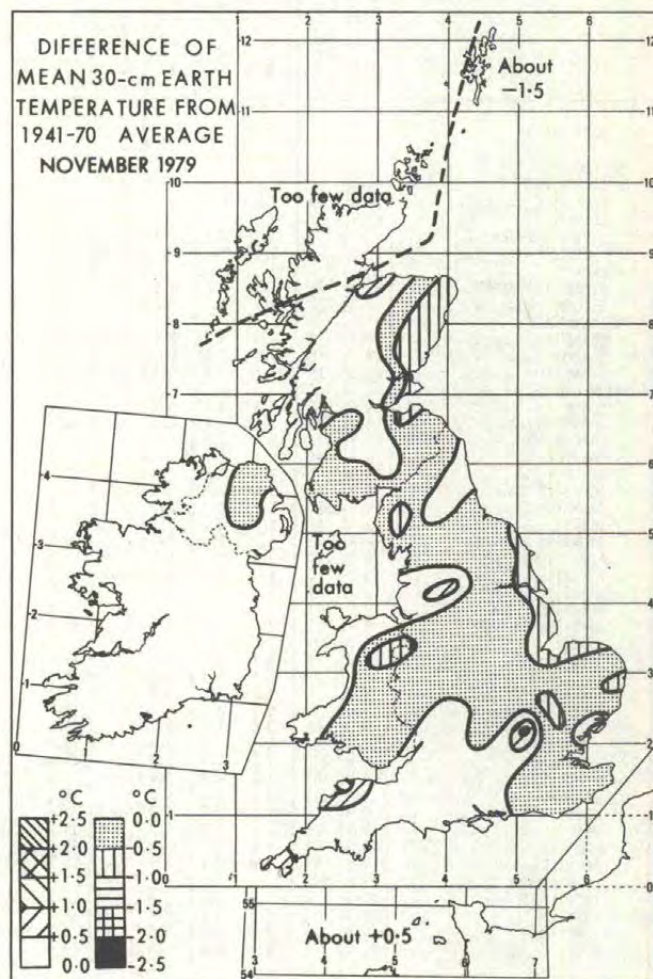
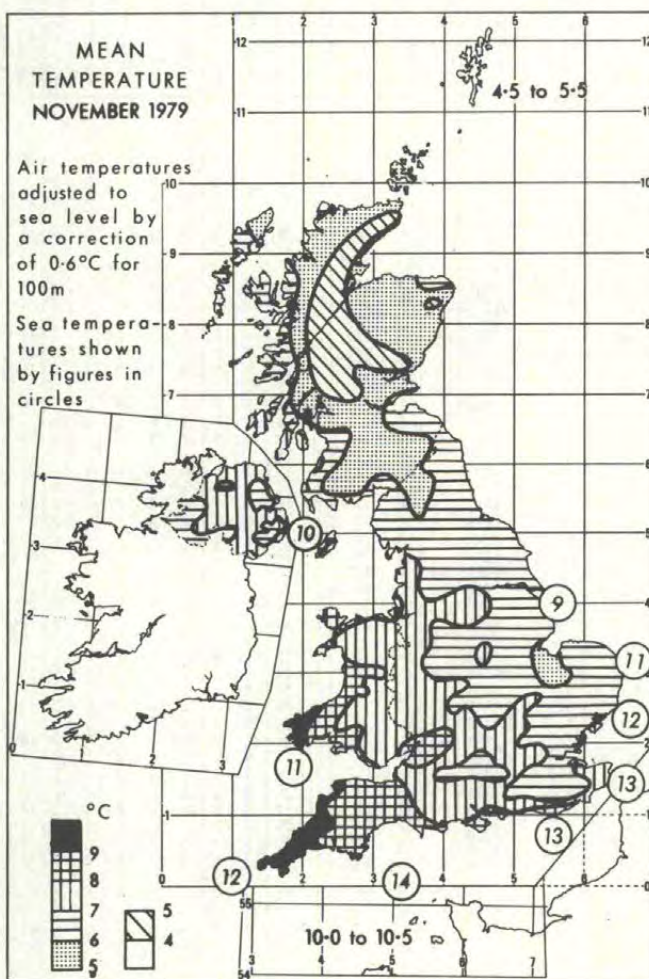
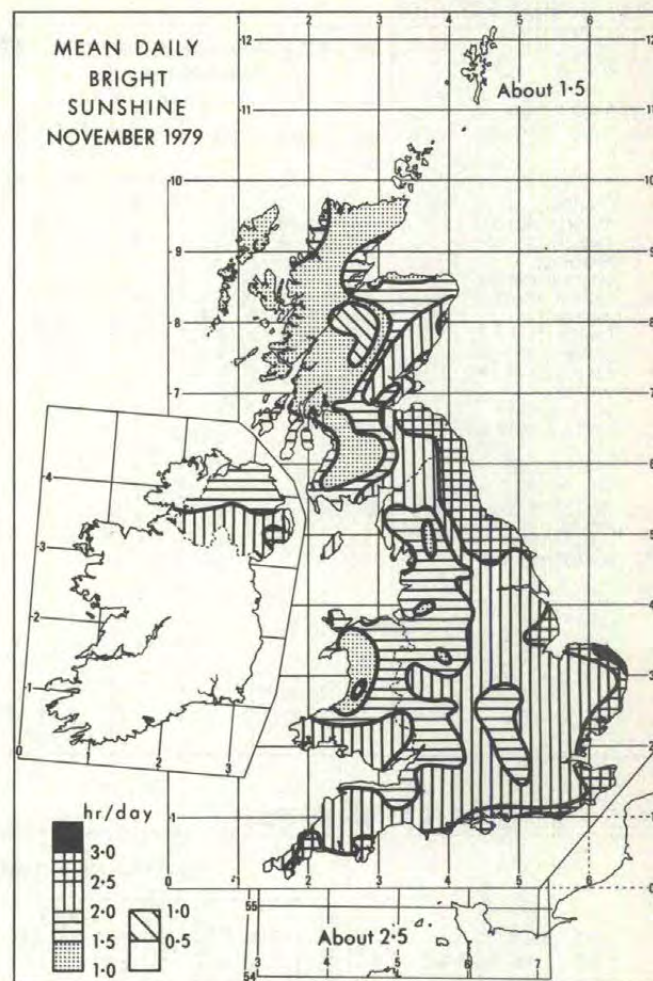
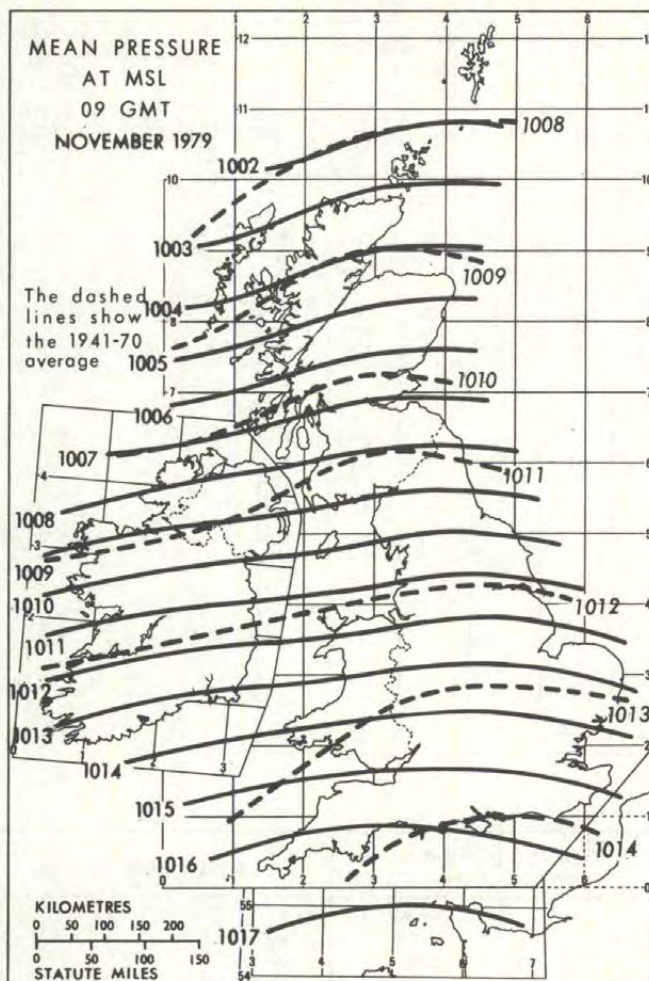




TABLE 2 SOLAR RADIATION

NOVEMBER 1979

STATION	DAILY GLOBAL IRRADIATION ON A HORIZONTAL SURFACE (MEGAJOULES PER SQUARE METRE)						DAILY DIFFUSE IRRADIATION ON A HORIZONTAL SURFACE (MEGAJOULES PER SQUARE METRE)					
	MAX.	DATE	MIN.	DATE	DAILY MEAN	NO. OF DAYS	MAX.	DATE	MIN.	DATE	DAILY MEAN	NO. OF DAYS
LERWICK	4.3	2	0.2	28	1.7	29	2.4	1	0.2	28	1.1	29
ABERDEEN UNIVERSITY	5.6	6	0.4	27	2.4	30						
ESKDALEHUIR	5.5	6	0.1	25	2.2	30	3.2	1	0.1	25	1.6	30
MOOR HOUSE												
SUTTON BONINGTON												
GRAHAM WATER	9.8	25	0.7	26	3.4	30						
ABERPORTH	6.1	12	0.6	26	2.8	28	3.6	2	0.6	26	2.0	28
CARDINGTON	7.3	2	0.8	16	3.2	30	3.0	1	0.7	16	2.0	30
SILSDOE	7.8	2	0.7	16	3.3	30	3.0	11	0.6	16	1.9	30
ROTHAMSTED												
GARSTON												
WALLINGFORD	7.4	2	0.5	26	2.9	30						
LONDON WEATHER CENTRE												
KEM	7.6	2	0.8	26	3.0	29	3.4	11	0.6	16	1.9	29
EASTHAMPTON	7.5	2	0.7	16	3.2	30	3.4	11	0.7	16	1.9	30
EAST MALLING												
RUSTINGTON												
WAREHAM	6.9	2	0.7	26	3.4	30						
JERSEY AIRPORT	9.5	2	1.1	30	4.2	30	4.4	1.3	1.1	30	2.7	30
ALDERGROVE	5.8	11	0.6	27	2.6	27	3.2	1	0.6	27	1.7	27

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

NOVEMBER 1979

DISTRICT REGION/COUNTY AND PLACE	MAX. TERMINAL HEIGHT OF OBSERVATION	MIN. OF STATION HEIGHT ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C								MEAN SOIL 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																							
0 SCOTLAND N																																	
SHEPHERD																																	
BALASOUND ...	9 9	24	7.2	1.8	4.5	-1.1	11.5	28	-3.3	16	5.5	-	193	151	24	2	28	26	13	0	2	0	1	0	7	-	-	8	1.31	152	-	-	
FAIR ISLE ...	9 9	57	7.5	4.6	6.1	-	11.6	3	1.0	9.11	6.6	7.6	163	-	27	27	26	24	9	0	13	5	1	0	0	10	-	14	1.41	-	-	-	
LERWICK	21-9	82																															
PSYCHROMETER ...			6.7	2.9	4.8	-	11.5	3	-2.1	14	5.6	-	200	-	31	2	25	24	12	1	3	12	2	0	5	15	13	10	1.62	150	-	-	
SCREEN ...			6.7	3.0	4.9	-0.7	11.8	3	-1.6	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ORKNEY																																	
KIRKALL AIRPORT ...	21-9	26	7.3	3.1	5.2	-1.0	12.4	3	-1.1	10	-	-	169	142	27	27	27	24	10	1	4	8	1	0	4	14	13	1	1.34	103	-	-	
MEYLAND ...	9 9	24	7.8	3.6	5.7	-	12.6	28	0.1	10	5.7	-	176	-	25	27	27	25	12	0	0	9	0	0	0	15	-	0	-	-	-	-	
WESTERN ISLES																																	
BENBECULA ...	21-9	6	8.6	4.2	6.4	-0.6	13.0	2.3	-2.6	16	-	-	227	191	36	27	27	26	4	0	4	6	0	0	3	12	12	5	1.46	82	-	-	
SCALPAY ...	9 9	18	9.0	3.7	6.3	-	13.5	2	-0.5	12.13.17	-	-	232	-	30	27	27	27	3	0	0	5	0	0	3	13	-	8	1.49	-	-	S	
STORNOWAY ...	21-9	15	7.8	3.2	5.5	-0.9	14.0	2	-1.4	13	-	-	171	152	31	27	27	27	7	0	0	10	0	0	7	16	15	2	1.47	93	-	-	
HIGHLAND																																	
ACHARY ...	9 9	107	7.3	0.2	3.7	-	16.3	28	-5.7	17	5.4	-	129	-	12	4	27	24	8	4	0	2	0	0	15	26	-	0	1.51	-	-	-	
ACHNASHELLACH ...	9 9	67	7.5	1.4	4.5	-0.8	14.9	2	-3.9	13.17	-	-	472	231	(65)	27	(28)(28)	6	6	0	0	1	0	14	-	-	0	7	-	-	-	-	
CAPE WRATH ...	21-9	112	7.4	3.5	5.5	-1.2	13.0	2	0.0	9	-	-	181	153	34	27	26	22	2	0	2	7	0	1	0	4	2	7	1.00	-	-	S	
CASSLEY ...	9 9	99	(7.6)	(1.3)	(4.5)	-	15.6	2	-4.5	14	-	-	379	-	43	17	29	25	-	-	-	-	-	-	9	21	-	-	-	-	-	-	
CORPACH ...	9 9	8	8.0	1.9	4.9	-	14.5	3	-4.0	13	-	-	359	-	36	2	26	25	2	0	0	1	1	3	11	20	-	0	-	-	-	-	
DALCROSS ...	9 9	11	8.4	2.5	5.5	-	16.7	3	-2.2	17	-	-	70	120	12	17	23	17	-	0	-	-	-	0	8	16	-	0	-	-	-	-	
DALHINNIE ...	9 9	351	6.2	-0.7	2.7	-	14.3	2	-6.7	13	-	-	193	-	28	17	26	23	15	7	0	0	0	0	18	20	-	0	1.04	-	-	S	
DIABRIG ...	9 9	60	8.5	3.7	6.1	-	14.2	2	-0.6	12	-	-	226	-	29	27	26	23	4	2	0	4	1	-	2	-	-	2	-	-	-	-	
DOUNREAY ...	9 9	21	8.7	2.4	5.5	-	15.3	2.3	-1.5	14	-	-	148	148	19	27	26	21	-	0	-	-	-	0	3	9	-	-	-	-	-	-	
FORT AUGUSTUS ...	9 9	21	7.6	1.4	4.5	-0.8	14.2	3	-4.4	13	-	-	213	-	23	28	24	21	-	0	-	-	-	2	12	-	-	-	0.63	59	-	-	
FORTROSE ...	9 9	5	8.0	3.4	5.7	-0.8	13.7	2	-0.2	17	-	-	62	109	14	17	22	14	-	0	-	-	-	0	1	-	-	-	1.62	99	-	-	
GEISEIL ...	9 9	12	8.5	2.4	5.5	-	14.1	2	-2.3	17	-	-	221	-	26	27	27	23	-	-	-	-	-	5	-	-	-	-	0.67	-	-	-	
GLENNHORE LODGE ...	9 9	341	7.0	-0.4	3.3	-	16.3	3	-7.5	14	-	-	82	78	19	17	25	15	10	9	0	0	0	1	20	25	22	0	0.72	-	-	S	
GRANTOWN-ON-SPEY ...	9 9	229	7.1	0.2	3.7	-	15.2	3	-6.8	13	-	-	51	-	11	25	21	12	7	3	0	0	0	0	18	26	-	0	1.79	-	-	-	
HEASTE ...	9 9	109	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
INVERGORDON ...	9 9	15	8.2	2.0	5.1	-	16.2	3	-1.9	9	-	-	73	-	14	17	25	18	-	0	-	-	-	0	12	-	-	-	-	-	-	-	
INVERNESS ...	9 9	4	8.6	3.8	6.2	-	15.1	2	-0.4	14	-	-	64	108	13	17	25	17	0	0	0	0	0	0	1	13	-	0	1.71	-	-	-	
INVERPOLLY ...	9 9	14	8.5	3.2	5.9	-	14.7	2	-1.7	12.16.17	7.0	-	230	-	27	27	27	23	7	4	0	12	5	0	5	19	-	2	-	-	-	S	
ISLE OF RHUM ...	9 9	5	9.5	2.7	6.1	-	15.4	2	-3.5	16	7.3	8.9	466	189	78	2	26	25	1	0	0	6	1	0	9	19	-	4	1.10	-	-	-	
KEISS ...	9 9	30	7.8	1.6	4.7	-	13.6	3	-3.6	13	5.4	7.1	133	-	19	27	28	21	3	3	5	2	1	0	7	17	-	7	1.25	-	-	-	
KNOCKANROCK ...	9 9	244	6.4	1.5	3.9	-	13.2	2	-2.6	12	-	-	369	168	34	27	27	25	16	10	0	9	2	2	8	19	-	0	-	-	-	-	
LAGANLIA ...	9 9	250	7.3	0.4	3.9	-	15.6	3	-7.7	13.14	-	-	82	-	17	17	26	15	9	4	0	0	0	1	13	21	-	1	-	-	-	-	
LAIR ...	9 9	107	7.2	0.0	3.6	-	15.5	2	-6.2	16	4.6	-	158	-	18	4	27	24	7	7	2	0	0	0	1	15	20	-	0	-	-	-	-
LENTAM ...	9 9	146	7.3	1.3	4.3	-	16.0	3	-5.0	14	6.0	-	83	-	15	17	25	16	5	1	0	0	0	1	11	22	-	3	-	-	-	-	
NAIRN ...	9 9	6	8.6	2.0	5.3	-0.3	17.9	3	-2.5	17	-	-	59	107	12	17	22	17	3	0	0	0	0	0	8	18	-	0	2.03	117	-	-	
ONICH ...	9 9	15	8.5	1.9	5.2	-0.9	14.2	2.3	-4.5	12.13	-	-	375	210	38	27	25	25	-	0	-	-	-	1	9	17	-	2	1.09	-	-	S	
POOLEME ...	9 9	6	8.8	3.2	6.0	-	15.2	2	-1.0	15	-	-	333	-	59	27	27	25	2	1	3	5	1	0	5	9	-	2	-	-	-	-	
PRABOST ...	9 9	67	7.8	2.1	4.9	-	13.7	2	-2.6	13	-	-	386	207	58	27	27	24	3	1	0	11	2	0	7	17	-	10	1.44	-	-	S	
STRATHCONON ...	9 9	107	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TARBATNESS ...	21-9	18	7.5	3.0	5.3	-0.7	14.6	3	-1.5	10	-	-	67	-	9	27	26	18	2	0	0	0	0	1	3	-	0	-	-	-	-	-	
TOMTIN ...	9 9	311	6.8	0.6	3.7	-	16.3	3	-5.6	13	-	-	103	-	31	17	25	17	11	-	0	0	0	0	-	17	-	0	-	-	-	-	
TORRISDALE ...	9 9	27	8.3	2.4	5.3	-	15.5	3.28	-1.8	16	-	-	157	-	26	5	28	26	3	0	7	0	2	0	5	11	-	0	1.21	-	-	S	
WICK ...	21-9	36	7.1	2.8	4.9	-1.0	13.8	3	-3.5	13	-	-	131	158	22	27	27	23	5	3	0	10	0	0	6	17	13	0	1.39	85	-	-	



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DISTRICT REGION/COUNTY AND PLACE			MAX. TERMINAL HEIGHT MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C						MEAN SOIL 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	DRASS MIN. BELOW 0 DEG C	CONCRETE MIN. BELOW 0 DEG C	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE		
									MAX.	DATE																							MIN.	DATE
					MAX. (A)	MIN. (B)	MAX.	DATE	MIN.	DATE	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	DRASS MIN. BELOW 0 DEG C	CONCRETE MIN. BELOW 0 DEG C	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE			
1 SCOTLAND E																																		
GRANPIAN																																		
ABERDEEN																																		
DYCE AIRPORT ...			21-9	58	8.0	2.2	5.1	-0.2	15.4	3	-4.6	14	-	-	66	77	12	15	15	12	5	1	0	0	0	9	21	17	0	2.41	124	-	-	
MARNOFIELD ...			9-9	52	8.4	1.9	5.1	-0.2	15.4	3	-3.4	13	-	-	67	83	13	2	17	13	3	0	0	2	0	0	8	18	-	0	0	-	-	
BALMORAL ...			9-9	283	7.3	-0.2	3.5	+0.2	16.8	3	-9.5	13	-	-	45	53	12	25	19	12	4	1	0	0	0	17	23	0	0	-	-	-	-	
BANCHORY ...			9-9	94	8.6	1.3	4.9	-	15.4	3	-6.1	13	-	-	52	-	11	14	15	12	6	1	0	0	0	11	23	20	2	2.18	-	-	-	
BANFF ...			9-9	24	8.5	3.5	6.0	-	16.7	3	-1.5	14	5.8	-	73	92	16	2	24	17	0	0	3	0	0	0	1	1	1	1.36	-	-	-	
BRAEMAR ...			9-9	339	6.8	-0.2	3.3	-0.1	15.1	3	-9.6	13	-	-	68	77	14	25	22	14	-	2	0	0	0	16	19	-	2	1.20	110	S	-	
CLASHMOIR ...			9-9	338	6.7	-0.1	3.3	-	15.5	3	-6.9	14	4.3	-	55	-	14	25	23	13	11	9	0	0	0	16	25	2	2	1.84	-	-	-	
CRAIBSTONE ...			9-9	91	8.1	2.2	5.1	-0.2	15.2	3	-2.4	14	5.1	7.0	73	83	12	15	18	13	2	3	0	1	0	0	5	15	0	0	2.33	119	-	-
CULTERTY ...			9-9	3	8.6	1.6	5.1	-	15.2	3	-4.5	14	-	-	79	108	16	2	17	14	3	0	0	0	0	10	21	1	1	2.18	-	-	-	
ELOIN ...			9-9	15	9.0	2.6	5.8	-	18.1	3	-2.3	14	-	-	66	100	12	8	22	17	4	0	0	4	0	8	20	0	0	1.60	-	-	-	
FOREHILL ...			9-9	40	8.2	2.5	5.3	-	14.0	3	-1.4	10	-	-	113	-	29	2	25	18	2	0	2	0	0	4	15	0	0	1.26	70	S	-	
FORRES ...			9-9	5	8.8	2.3	5.5	+0.2	18.1	3	-1.6	14	5.9	7.2	55	-	11	25	22	14	4	0	0	3	0	1	9	3	1	1.71	-	-	-	
FRASERBURGH ...			21-9	19	8.4	3.9	6.1	-	16.4	3	-0.4	10	-	-	98	126	18	2	25	19	4	0	0	1	0	0	1	24	0	0	-	-	-	-
FYVIE CASTLE ...			9-9	55	7.9	0.9	4.4	-	16.5	3	-6.0	14	-	-	71	76	11	2	23	17	4	-	-	0	0	12	24	5	5	-	-	-	-	
GARTLY ...			9-9	146	7.7	2.0	4.9	-	14.9	3	-5.0	14	-	-	52	-	11	2	24	13	-	-	-	-	-	20	0	0	-	-	-	-	-	
GLENLIVET ...			21-9	215	7.3	1.7	4.5	-	17.4	3	-4.6	13	-	-	53	59	9	25	21	14	8	0	1	0	0	13	19	20	0	1.71	-	-	-	
INVERURIE ...			9-9	54	8.5	1.1	4.8	-	16.1	3	-6.2	14	-	-	51	-	11	2	19	12	5	3	0	0	0	0	9	24	0	0	2.32	-	-	-
KEITH ...			9-9	106	8.1	1.0	4.5	-	17.0	3	-4.5	14	-	-	61	-	12	25	22	16	4	1	0	2	0	11	23	0	0	1.73	-	-	-	
KINLOSS ...			21-9	5	8.3	2.9	5.6	-0.1	18.0	3	-2.3	14	7.1	-	52	93	10	25	21	15	8	0	2	0	0	6	17	15	0	1.55	-	-	-	
LOSSIEMOUTH ...			21-9	6	8.3	2.0	5.1	-	18.0	3	-4.0	10	-	-	59	102	11	25	22	14	6	0	0	5	0	1	10	17	16	0	-	-	-	
STONEHAVEN ...			9-9	4	8.9	1.5	5.2	-0.6	15.9	3	-3.6	14	-	-	63	78	13	2	16	11	1	0	0	0	0	11	-	-	3	2.21	116	-	-	
TAYSIDE																																		
ARBROATH ...			9-9	29	8.6	2.9	5.7	-	14.7	3	-4.3	14	-	-	59	90	19	15	14	8	0	0	0	0	0	3	14	-	0	2.71	123	-	-	
ARROTALNAIG ...			9-9	130	7.7	1.7	4.7	-	14.8	3	-4.6	13	-	-	175	146	24	17	25	18	3	1	0	0	1	0	9	17	-	0	0.93	-	-	-
DALL ...			9-9	232	7.0	-0.5	3.3	-	15.9	3	-8.3	13	-	-	151	143	19	17	22	22	9	5	0	0	0	1	17	22	0	0	-	-	-	-
DRUMMOND CASTLE ...			9-9	113	8.1	1.0	4.5	-	14.5	3	-6.5	13	5.7	-	157	-	29	2	25	22	2	3	0	0	0	1	15	21	0	0	2.00	-	-	-
DUNDEE ...			9-9	45	8.6	2.3	5.5	0.0	14.8	3	-4.8	13	4.9	-	49	70	17	25	15	10	1	0	0	0	0	1	7	21	0	0	2.44	120	-	-
FASKALLY ...			9-9	94	8.2	0.1	4.1	-	16.2	3	-6.5	13	5.5	8.1	82	102	13	17	21	16	6	5	0	0	0	0	17	23	0	0	-	-	-	-
KINDROGAN ...			9-9	259	6.4	-0.9	2.7	-	13.6	3	-9.4	13	-	-	101	-	15	17	21	16	15	7	0	0	0	0	19	27	0	0	-	-	-	-
KINROSS ...			9-9	116	8.3	0.8	4.5	-	14.8	3	-7.6	13	4.7	-	143	-	30	2	23	20	-	1	-	-	-	0	13	20	-	1.66	-	-	-	-
MONTROSE ...			9-9	57	8.0	2.3	5.1	-	14.8	3	-3.5	14	-	-	50	71	12	15	15	7	1	0	0	1	0	0	5	16	0	0	-	-	-	-
MYLNEFIELD ...			9-9	30	8.6	1.7	5.1	-	15.0	3	-5.7	13	5.9	8.3	46	69	19	25	14	8	0	0	0	1	0	0	11	23	0	0	2.32	-	-	-
PERTH ...			9-9	23	8.9	1.1	5.0	-0.2	16.0	3	-6.0	13	-	-	71	104	23	25	22	12	-	0	-	-	-	0	13	-	-	-	-	-	-	
STRATHALLAN ...			9-9	41	8.9	1.4	5.1	-	16.0	3	-6.4	13	-	-	77	-	20	25	20	12	3	1	0	0	1	0	11	20	1	1	-	-	-	-
USAN ...			21-9	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WHITEHILLOCKS ...			9-9	258	7.8	0.7	4.3	-	14.5	3	-6.7	13	-	-	94	74	22	2	18	13	6	3	0	0	0	0	15	20	-	0	-	-	-	-
FIFE																																		
BELLISTON ...			9-9	82	8.7	2.9	5.8	-	14.1	3	-3.6	13	6.5	-	79	104	15	25	14	10	2	0	0	1	1	0	4	18	-	0	-	-	-	-
CUPAR ...			9-9	36	8.7	1.2	4.9	-	14.9	3	-7.0	13	5.0	-	74	-	18	25	18	11	2	0	0	2	0	-	13	21	0	0	1.93	-	-	-
LEUCHARS ...			21-9	10	8.6	2.4	5.5	-0.4	15.8	3	-5.2	14	-	-	60	93	19	25	16	10	1	0	0	1	2	0	9	18	17	0	2.65	117	-	-
PITREAVIE ...			21-9	40	8.4	3.2	5.8	-	15.3	3	-4.6																							



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

NOVEMBER 1979

DISTRICT REGION/COUNTY AND PLACE			MAX. TERMINAL (GMT) MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C								MEAN SOIL 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	MAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS MIN. BELOW 0 DEG C	CONCRETE MIN. BELOW 0 DEG C	DATE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
					MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE					AMOUNT (MM)	DATE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DISTRICT REGION/COUNTY AND PLACE	MAX. MIN.	TERMINAL HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C								MEAN SOIL TEMPERATURE		RAINFALL (TERMINAL H 09 GMT)		WEATHER (NUMBER OF DAYS)										BRIGHT SUNSHINE						
			MEANS OF		DAILY MEAN (MEAN OF MAX. & MIN.)	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 (MM)	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															
2 ENGLAND E & NE -CONTINUED																															
DURHAM	9 9	102	9.4	2.8	6.1	+0.3	15.6	3	-5.2	13	6.8	8.9	69	97	22	15	17	10	-	0	-	0	7	15	-	-	-	2.68	134	S	
DURHAM ...	9 9	155	8.5	1.9	5.2	-	15.6	3	-6.4	13	6.0	8.3	76	-	17	15	19	12	4	1	-	0	1	9	19	12	-	-	-	-	
LOW ETHELLEY ...	9 9	513	5.5	0.6	3.1	-	11.0	2.3	-7.5	13	4.9	-	202	-	53	25	27	21	-	0	-	5	5	9	17	-	1.89	-	-	-	
WIDDYBANK FELL ...	9 9	31	9.7	1.8	5.7	-	16.2	3	-6.4	13	-	-	76	122	25	14	15	9	0	0	0	0	0	11	14	-	0	2.55	-	-	
CLEVELAND	9 9	9	9.9	3.5	6.7	-0.2	16.7	3	-3.9	13	-	-	76	110	26	14	13	10	0	0	0	0	1	0	3	-	0	2.59	-	-	
HARTLEPOOL ...	9 9	33	9.5	2.0	5.7	-	17.4	3	-5.6	13	-	-	58	91	16	15	17	11	0	0	0	0	2	7	16	-	-	2.34	137	S	
ASHKHAM BRYAN	9 9	6	9.5	2.4	5.9	-	16.1	3	-5.0	13	6.9	8.9	62	100	17	15	14	11	0	0	0	0	1	7	14	-	0	2.37	-	-	
CAMOOD ...	9 9	175	8.3	2.5	5.4	-	14.6	3	-4.2	13	6.0	-	69	80	18	15	14	10	1	0	0	0	0	3	14	-	0	2.29	-	-	
HIGH MOUTHORPE	9 9	32	9.6	3.5	6.5	-	16.0	3	-5.1	13	6.1	9.1	84	130	20	15	16	11	4	0	0	0	2	7	14	13	2	2.86	-	-	
LEEMING ...	21-9	395	7.1	1.5	4.3	+0.2	12.0	20	-5.4	13	6.2	-	186	124	38	25	25	22	4	2	0	0	2	9	21	-	1	-	-	-	
MALHAM TARN	9 9	44	9.0	0.7	4.9	-	14.9	3	-7.0	13	6.4	-	61	83	13	2	17	10	0	0	0	0	2	15	17	-	0	-	-	-	
PICKERING	9 9	52	9.6	4.1	6.9	-	15.9	3	-2.6	13	6.0	8.6	70	98	14	15	16	11	3	1	0	0	0	4	7	16	-	0	2.51	151	-
SCARBOROUGH	9 9	203	8.5	2.4	5.5	-	14.4	3	-3.6	13	5.5	-	103	101	23	14	21	11	1	0	0	0	0	7	19	-	0	2.51	-	-	
SILPHO MOOR	9 9	290	7.7	1.6	4.7	-	12.8	20	-8.3	13	6.1	-	272	-	74	25	26	21	3	1	0	0	0	4	7	16	-	0	1.49	-	S
SNARIZEHOLME	9 9	41	9.5	3.0	6.3	-	15.6	3	-4.1	13	-	-	55	-	13	14	12	9	2	0	0	0	0	4	14	-	0	4.63	-	S	
WHITBY	21-9	60	9.2	4.3	6.7	-	15.7	3	-4.0	13	-	-	45	-	9	14	14	9	2	0	1	0	0	0	4	9	6	-	-	-	-
WHITBY(COASTGUARD)	9 9	19	9.7	2.1	5.9	-	16.5	3	-5.0	13	6.8	8.6	47	75	10	15	16	12	0	0	0	0	1	7	15	-	0	2.43	-	-	
WHITBY(NESLINGTON)	9 9	48	9.3	2.5	5.9	-	15.3	3	-4.0	13	-	-	42	50	13	11	12	6	2	0	0	1	0	-	8	14	-	2	-	-	-
HUMBERSIDE	9 9	7	9.6	3.7	6.7	0.0	15.3	3	-2.4	13	-	-	49	75	9	7	13	8	-	0	-	-	0	3	-	-	-	2.42	130	-	
BRIDLINGTON	9 9	2	10.0	3.3	6.7	0.0	16.0	3	-3.9	13	6.3	9.5	54	79	9	2	20	13	1	0	0	0	1	1	4	-	1	2.33	140	-	
CLEETHORPES	9 9	108	8.4	3.1	5.7	-	15.3	3	-3.5	13	-	-	49	65	9	11	14	11	2	0	0	0	2	5	12	10	0	2.44	-	-	
HULL	21-9	21	9.5	2.0	5.7	-	16.1	3	-6.5	13	-	-	41	-	8	11	13	11	-	-	-	-	-	8	-	-	-	-	-	-	-
LINCOLNSHIRE	9 9	7	9.5	3.0	6.3	-	15.4	26	-5.0	13	-	-	41	-	11	7	15	8	0	0	0	0	3	6	16	12	0	-	-	-	-
BIBBROOK	21-9	62	9.6	2.6	6.1	0.0	15.4	26	-4.4	13	6.4	8.5	44	73	13	7	19	9	2	0	0	0	2	7	11	10	0	2.45	123	-	
CAISTON	9 9	4	9.3	2.1	5.7	-	15.1	26	-3.8	13	7.4	9.8	38	-	10	7	15	9	0	0	0	0	3	8	17	-	1	2.33	-	-	
CONINGSBY	9 9	6	9.5	2.2	5.9	-0.2	16.0	3	-7.1	13	7.6	9.2	38	59	9	7	17	8	0	0	0	0	3	9	16	-	0	2.04	-	S	
CRAWWELL	9 9	5	9.5	3.1	6.3	-0.4	15.0	26	-3.5	13	-	-	41	68	7	7	15	10	0	0	0	0	2	3	9	-	0	2.24	110	-	
KIRTON	9 9	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LINCOLN	9 9	58	9.0	3.9	6.5	+0.3	15.5	3	-2.5	13	-	-	39	62	10	7	16	10	1	0	0	0	2	5	12	8	0	2.34	119	-	
SKEGNESS	21-9	17	9.9	3.5	6.7	-	15.1	26	-2.8	13	-	-	60	89	21	14	16	11	2	0	0	0	2	4	15	11	0	-	-	-	-
SUTTON BRIDGE	9 9	54	9.5	2.1	5.8	-	14.8	3	-4.5	13	7.7	10.7	49	-	10	14	17	12	0	0	0	0	5	9	-	-	0	2.21	-	-	
WADDINGTON	9 9	3	10.3	3.5	6.9	-0.6	15.0	26	-0.6	13.14	8.1	10.5	79	116	40	14	16	11	0	-	0	0	1	-	2	-	0	2.87	142	-	
NORFOLK	9 9	14	9.8	3.8	6.8	-	15.1	26	-1.0	14	7.5	9.6	81	-	36	14	16	11	2	0	2	0	0	2	4	14	7	0	3.05	-	-
COLTISHALL	21-9	23	9.3	2.7	6.0	-	14.8	3	-5.9	13	-	-	46	-	10	7	17	11	2	0	0	0	4	8	16	12	0	2.27	-	-	
CROMER	9 9	46	9.3	2.3	5.8	-	14.5	26	-3.0	13	6.7	-	53	-	11	7	17	12	1	0	0	0	4	8	15	-	0	2.34	-	-	
DENVER	21-9	24	9.8	1.2	5.5	-	15.0	3	-7.7	13	7.5	9.3	51	78	9	7	19	13	-	-	-	-	3	12	22	-	-	1.98	-	-	
GORLESTON	9 9	27	9.7	2.0	5.9	-	14.8	26	-3.8	13	6.1	8.2	45	-	8	14	18	11	1	0	0	0	2	11	14	-	0	2.38	-	S	
HENSBY	9 9	3	9.5	2.4	5.9	-0.4	15.0	3	-2.9	13	7.0	-	48	83	13	7	18	10	0	0	0	0	5	7	18	-	0	2.26	113	-	
MARHAM	9 9	53	9.6	3.0	6.3	-	15.1	3	-3.9	13	-	-	43	82	7	7	15	9	0	0	0	0	5	7	9	-	0	2.26	-	-	
MORLEY ST BOTOLPH	9 9	12	10.0	2.7	6.3	-0.2	15.2	3	-5.0	13	7.0	9.9	43	84	7	14	15	10	0	0	0	0	-	8	12	-	0	-	-	-	-
SANTON DOWNHAM	9 9	24	9.9	3.2	6.5	-	15.0	3	-3.8	13	-	-	43	85	7	7.14	14	10	0	0	0	1	3	3	15	-	0	2.27	113	-	
SCOLE	9 9	21	10.0	2.8	6.4	-	15.1	3.26	-5.7	13	-	-	40	71	8	7	13	11	-	-	-	-	-	7	-	-	-	-	-	-	-
TERRINGTON ST CLEMENT	9 9	2	9.8	1.8	5.8	-	15.5	3	-4.6	13	7.7	11.0	37	-	8	7	14	10	0	0	0	0	4	10	16	-	0	2.09	-	-	
CAMBRIDGESHIRE	9 9	39	9.9	-	-	-	15.0	3	-	-	7.7	-	34	63	7	7	15	9	0	0	0	0	2	-	-	-	0	2.17	-	S	
BOXMOUTH	21-9	73	9.6	3.3	6.5	-	15.2	3	-4.5	13	-	-	42	-	10	7	14	9	0	0	0	1	1	4	11	8	-	0	2.53	-	-
CAMBRIDGE	21-9	40	9.7	4.0	6.9	-	td																								



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

NOVEMBER 1979

DISTRICT REGION/COUNTY AND PLACE	MAX. TERMINAL HEIGHT MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C								MEAN SOIL 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	
4 MIDLAND COUNTIES																																		
WEST YORKSHIRE																																		
BRADFORD ...	9 9	134	9.4	2.8	6.1	+0.2	16.5	3	-5.1	13	7.1	9.6	99	110	14	11	21	18	2	1	1	0	0	0	0	8	18	-	0	1.97	140	S		
BRAMHAM ...	9 9	54	9.5	2.4	5.9	-	16.3	3	-4.2	13	-	-	55	79	10	11	17	8	1	0	-	-	-	-	-	16	-	0	-	-	-	-		
HUDDERSFIELD (DAKES)	21-9	232	7.9	3.5	5.7	0.0	16.2	3	-4.0	13	5.8	7.8	147	141	18	25	25	21	2	1	-	-	1	1	4	15	7	2	-	-	-	-		
ILKLEY ...	9 9	83	9.7	2.0	5.9	0.0	16.5	3	-6.7	13	-	-	100	108	13	25	20	19	2	0	-	-	0	0	0	0	11	-	0	-	-	-	-	
PONTERFRACT ...	9 9	78	10.0	3.5	6.7	+0.4	17.0	3	-4.0	13	-	-	63	101	15	7	19	9	2	0	-	-	0	0	0	1	-	-	0	-	-	-	-	
TOOTHORPEN ...	9 9	160	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WILSON ...	9 9	262	8.4	2.4	5.4	-	15.0	3	-4.9	13	-	-	125	-	17	25	23	21	3	2	-	-	0	0	0	1	7	9	11	0	-	-	-	-
SOUTH YORKSHIRE																																		
FINNINGLEY ...	21-9	10	9.9	3.5	6.7	-	17.1	3	-6.1	13	-	-	45	72	9	7	16	10	1	0	-	-	0	1	0	1	7	16	12	0	2.30	-	-	-
SHEFFIELD																																		
DORE ...	9 9	206	9.0	3.4	6.2	-	15.6	3	-3.2	13	-	-	120	-	17	7	22	18	4	2	-	-	1	0	0	0	2	3	11	-	2	-	-	-
WESTON PARK ...	9 9	131	9.6	3.9	6.7	+0.1	16.8	3	-3.5	13	6.9	9.5	97	110	19	7	22	14	2	1	-	-	0	0	0	-	-	-	0	1.83	126	S		
DERBYSHIRE																																		
ASHMOVER ...	9 9	178	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BARBROOK ...	9 9	323	-	-	-	-	-	-	-	-	-	-	123	120	19	7	24	20	-	1	-	-	-	-	-	9	22	-	-	-	-	-	-	
BUXTON ...	9 9	307	8.0	2.5	5.3	+0.3	14.8	3	-6.5	13	5.7	7.1	176	138	22	7	25	21	5	3	-	-	0	0	0	1	6	9	-	1	-	-	-	
DERBY ...	9 9	48	10.2	2.8	6.5	-	16.7	3	-5.6	13	-	-	63	100	16	7	17	11	3	0	-	-	0	0	0	1	6	15	-	0	1.80	-	-	-
WINGERMOUTH ...	9 9	116	9.4	2.4	5.9	-	16.2	3	-7.7	13	6.9	-	87	-	14	7.11	23	16	1	1	-	-	0	0	1	7	21	-	0	2.40	-	-	-	-
NOTTINGHAMSHIRE																																		
WANSFORD ...	9 9	114	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NEWTHORPE ...	9 9	58	9.9	2.9	6.4	-	16.5	3	-3.5	10	-	-	60	-	14	7	18	11	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	
NOTTINGHAM ...	9 9	59	10.1	3.1	6.6	-0.1	15.9	3	-3.2	13	6.7	8.7	52	88	15	7	12	10	2	0	-	-	0	0	0	4	7	15	-	0	2.19	145	-	-
SUTTON BONINGTON ...	9 9	48	10.4	2.4	6.4	+0.2	16.6	3	-5.0	13	7.7	9.5	50	84	15	7	13	11	0	0	-	-	0	0	0	0	8	17	13	0	2.07	122	-	-
WARSOP ...	9 9	46	9.5	2.5	6.0	-	16.4	3	-6.1	13	-	-	55	84	14	7	15	11	1	0	-	-	0	0	0	2	9	16	-	0	2.08	-	-	-
WATNALL ...	21-9	117	9.4	3.4	6.4	+0.1	15.7	3	-4.7	13	-	-	63	88	15	7	17	12	4	0	-	-	0	0	0	2	5	19	10	0	2.05	126	-	-
STAFFORDSHIRE																																		
KEELE ...	9 9	179	8.8	2.6	5.7	-	15.3	3	-4.4	13	6.3	9.1	85	110	13	15	22	12	2	0	-	-	0	2	0	3	7	16	14	0	1.58	-	-	-
DAWKEN ...	9 9	125	9.3	2.8	6.1	+0.2	16.7	3	-5.3	13	7.6	-	56	80	9	2	18	12	0	0	-	-	0	0	0	6	6	17	-	0	-	-	-	-
PENKIRIDGE ...	9 9	101	9.7	2.5	6.1	-	17.0	3	-5.8	13	-	-	43	64	7	7	18	12	1	0	-	-	1	0	0	2	7	13	-	0	1.80	-	-	-
STONE ...	9 9	107	9.2	2.1	5.7	-	16.0	3	-5.7	13	-	-	65	91	11	7	19	12	2	0	-	-	0	0	0	2	9	19	-	0	1.25	-	-	-
LEICESTERSHIRE																																		
CALDECOTT ...	9 9	53	9.7	2.3	6.0	-	15.4	3	-6.8	13	-	-	38	66	6	7	16	9	0	0	-	-	0	0	0	2	8	15	-	0	1.99	-	-	-
NEWTOWN LINCOLN ...	9 9	119	9.5	2.2	5.9	-	15.0	3	-5.8	13	-	-	52	77	10	15	19	11	0	0	-	-	0	0	0	3	9	12	-	0	2.15	-	-	-
SALOP																																		
HARROPTON LODGE ...	9 9	70	10.4	3.4	6.9	-	17.5	3	-6.8	13	-	-	47	-	7	7	15	15	-	-	-	-	-	-	-	7	-	-	-	-	-	-	-	
NEWPORT ...	9 9	64	10.1	2.7	6.4	+0.5	16.4	3	-5.4	13	-	-	58	92	13	15	19	13	3	0	-	-	0	1	0	1	8	13	-	0	1.93	121	S	
OSWESTRY ...	9 9	174	9.8	3.4	6.6	+0.3	15.5	28.29	-3.4	21	-	-	83	91	15	11	20	15	1	0	-	-	0	0	0	2	4	17	-	0	1.86	99	S	
PRESTON MONTFORD ...	9 9	67	10.9	3.0	6.9	-	16.2	29	-5.5	13	7.6	9.2	52	-	8	26	18	14	0	0	-	-	0	0	0	1	9	15	-	0	1.83	-	-	-
SHAWBURY ...	21-9	72	10.2	3.1	6.7	+0.4	17.0	3	-7.5	13	-	-	61	93	9	11	16	13	3	0	-	-	0	1	0	2	10	17	13	0	1.84	107	-	-
SHREWSBURY ...	9 9	55	10.4	3.5	6.9	+0.4	15.8	3	-3.6	13	7.6	9.9	46	76	8	26	18	13	0	0	-	-	0	0	0	1	7	13	-	0	2.09	119	-	-
WEST MIDLANDS																																		
BIRMINGHAM																																		
EDGBASTON ...	21-9	163	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ELDON AIRPORT ...	21-9	96	9.9	3.8	6.9	+0.6	16.5	3	-6.6	13	-	-	43	-	6	26	17	12	1	0	-	-	1	0	0	3	7	12	9	0	2.24	133	-	-
KING EDWARD'S SCHOOL	9 9	137	-	-	-	-	-	-	-	-	-	-	59	80	9	26	15	12	0	0	-	-	0	0	0	-	-	-	-	-	-	-	-	-
COVENTRY AIRPORT ...	9 9	81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WARWICKSHIRE																																		
LUDDINGTON ...	9 9	56	10.1	2.9	6.5	-	16.7	3	-6.0	13	-	-	44	-	7	2	17	10	1	0	-	-	0	0	0	2	6	16	-	0	2.07	-	-	-
MORETON MORELL ...	9 9	85	10.0	3.2	6.6	-	16.2	3	-5.8	13	-	-	46	77	8	26	24	13	0	0	-	-	0	0	0	2	7	13	-	2	1.94	-	-	-
RUGBY ...	9 9	117	9.5	2.2	5.9	-0.2	15.5	3	-5.8	13	6.3	8.9	42	68	8	15	17	12	0	0	-	-	0	0	0	-	8	12	0	-	-	-	-	-



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DISTRICT REGION/COUNTY AND PLACE			MAX. TERMINAL (H. OBT.) MIN. OF OBSERVATION		HEIGHT OF STATION ABOVE MSL (METRES)		AIR TEMPERATURE IN DEGREES C								MEAN SOIL 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.	DATE	MIN.	DATE					AMOUNT (MM)	DATE																																																	
																																		MAX. (A)	MIN. (B)																																		
5 ENGLAND SE & CENTRAL S.																																																																					
GREATER LONDON																																																																					
BROMLEY ...																																		9 9	65	10.7	3.7	7.2	+0.1	15.0	1.3.30	-2.5	13	-	-	51	76	11	26	17	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
ENFIELD ...																																		9 9	17	10.9	3.9	7.4	-	15.9	2	-2.7	13	9.1	11.4	39	-	8	26	14	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
GREENWICH ...																																		9 9	7	10.9	4.0	7.5	-	15.3	4	-2.5	13	-	-	51	85	10	26	18	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
HAMPSTEAD ...																																		9 9	137	9.6	3.4	6.5	0.0	13.8	3.26	-2.2	13	-	-	50	72	9	11.26	15	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
HAMPTON ...																																		9 9	12	11.1	4.5	7.8	+0.5	15.2	26.27	-1.0	13	-	-	52	81	12	26	16	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
HARROW WEALD ...																																		9 9	98	10.4	2.7	6.5	-	15.0	1	-3.0	13	9.0	11.1	50	-	6	7	19	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
HEATHROW AIRPORT ...																																		21-9	25	10.5	4.4	7.5	+0.3	15.1	3.4	-1.8	10.13	-	-	48	77	11	26	16	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
KENSINGTON PALACE ...																																		9 9	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
KEN																																		21-9	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
PSYCHROMETER ...																																		-	-	10.5	3.6	7.1	-	15.1	3	-4.6	13	8.3	10.5	53	86	11	26	18	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
NORTH WALL SCREEN ...																																		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
LONDON																																																																					
WEATHER CENTRE (X)																																		21-9	77	11.3	6.6	8.9	-	15.2	1	1.4	13	-	-	45	-	9	11	17	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
ST JAMES'S PARK ...																																		9 9	9	10.7	4.6	7.7	0.0	14.9	3.4.26	-1.2	13	-	-	51	84	10	26	17	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
SOUTHWATE ...																																		9 9	67	10.0	3.6	6.8	-0.2	14.5	3.26	-2.4	13	8.7	-	45	68	9	26	16	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
WOODON ...																																		9 9	59	(10.5)	(4.0)	(7.3)	(+0.2)	15.0	4.26	-3.5	13	-	-	53	74	9	26	16	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
WILTSHIRE																																																																					
BOSCOMBE DOWN ...																																		21-9	126	9.9	4.1	7.0	+0.3	14.4	3	-4.5	13	8.4	10.9	40	49	7	11	21	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
LACOCK ...																																		9 9	49	10.4	3.0	6.7	-	16.6	3	-6.6	13	-	-	48	63	9	26	17	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
LARKHILL ...																																		9 9	132	10.0	2.8	6.4	0.0	14.6	3	-5.0	13	-	-	39	47	6	11	19	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
LYNEHAM ...																																		21-9	145	9.6	4.3	6.9	+0.4	15.5	3	-4.0	13	-	-	47	63	11	26	21	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
PORTON ...																																		9 9	111	10.1	2.8	6.5	+0.2	14.4	3	-6.7	13	7.8	-	38	45	8	11	21	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
TROWBRIDGE ...																																		9 9	37	10.5	2.7	6.6	-	16.6	3	-6.1	13	8.7	-	46	-	7	26	17	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
UPAVON ...																																		21-9	179	9.5	4.0	6.7	-	14.1	3	-3.4	21	-	-	41	50	6	11	20	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
BERKSHIRE																																																																					
EASTHAMPTON ...																																		9 9	77	10.2	2.5	6.3	-	14.3	3	-6.5	13	8.2	9.5	60	-	13	6	19	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
HURLEY ...																																		9 9	43	10.2	1.9	6.1	-	14.7	3	-4.3	13	7.4	-	53	74	9	26	19	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
LAMBOURN (WARREN FARM)																																		9 9	192	9.2	3.2	6.2	-	14.3	3	-3.4	13	8.1	-	51	-	12	26	20	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
READING ...																																		9 9	66	10.3	3.1	6.7	-	14.4	3.4	-4.3	13	8.3	10.2	53	-	13	6	16	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
SHINFIELD (N.I.R.D.) ...																																		9 9	62	10.3	2.7	6.5	-	14.4	3	-4.5	13	-	-	49	-	10	6	19	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
SURREY																																																																					
NICKLEHAM ...																																		9 9	55	10.3	2.2	6.3	0.0	14.8	4	-5.6	13	7.7	9.7	63	76	18	6	19	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
WISLEY ...																																		9 9	32	10.7	3.1	6.9	+0.1	14.7	3	-5.0	13	8.0	9.9	63	90	19	6	19	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
KENT																																																																					
DOVER R.N.S. ...																																		9 9	123	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
DUNGENESS ...																																		9 9	6	11.1	4.5	7.8	-	15.5	3	-2.0	13.14	-	-	55	63	9	8	16	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
EAST MALLING ...																																		9 9	52	10.5	2.5	6.5	-0.2	15.1	4	-3.2	13	7.4	9.5	60	80	14	11.14	19	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
EDENBRIDGE ...																																		9 9	45	10.3	0.7	5.5	-	15.0	4	-5.2	13	-	-	60	-	16	11	20	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
ELKSTONE ...																																		9 9	5	11.2	2.7	6.9	-	16.2	4	-4.0	22	-	-	42	49	8	14	14	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
FAVERHAM ...																																		9 9	48	10.5	3.8	7.1	-	15.4	4	-2.2	17	7.5	10.0	48	59	9	14	18	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
FOLKESTONE ...																																		9 9	31	10.8	3.0	6.9	-	14.7	1	-2.6	11	-	-	63	66	10	8	16	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
GILLINGHAM ...																																		9 9	3	(10.8)	(4.3)	(7.5)	-	15.3	1	-1.2	13	-	-	(63)	(93)	16	14	18	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
GOUDHURST ...																																		9 9	85	9.6	2.9	6.3	0.0	13.9	3	-4.2	13	-	-	69	70	13	14	19	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
HADLOW COLLEGE ...																																		9 9	27	10.3	2.0	6.1	-	15.2	4	-3.4	13	7.7	-	(62)	-	11	11	23	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
HERNE BAY ...																																		9 9	31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
MANSTON ...																																		21-9	44	10.2	4.5	7.3	-	15.5	4	-0.5	17	-	-	44	55	8	14	18	13	-	-	-	-	-													



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

NOVEMBER 1979

DISTRICT REGION/COUNTY AND PLACE	MAX. TERMINAL HEIGHT MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C								MEAN SOIL 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	DRASS 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																						
7A ENGLAND NW & I.O.M.																																
CUMBRIA																																
CARLISLE ...	21-9	26	9.3	3.8	6.5	-	16.1	3	-5.9	13	7.1	9.0	106	129	26	25	22	16	1	0	1	0	0	0	9	14	11	1	2.22	-	-	-
CARTMEL ...	9 9	35	9.3	2.4	5.9	-	13.4	3.29	-6.3	13	-	-	145	-	25	2	26	21	0	0	0	0	0	7	8	7	1	2.19	-	-	-	
ESKMEALS ...	9 9	8	9.9	4.0	6.9	-	14.0	3	-4.0	13	-	-	128	-	24	2	22	17	0	0	0	0	0	7	18	0	0	1	-	-	-	
GRIZEDALE ...	9 9	91	9.4	1.8	5.6	-	13.9	3	-5.9	13	6.6	-	201	103	39	2	26	24	2	1	0	1	0	1	7	18	-	13	1.41	-	-	
MOOR HOUSE ...	9 9	556	4.9	0.0	2.5	-	10.9	3	-10.2	13	4.5	-	241	110	55	25	27	24	11	7	0	5	1	5	12	20	-	0	1.90	109	S	-
NEWTON RIDG ...	9 9	171	8.6	1.9	5.3	-0.2	15.5	3	-7.0	13	5.9	-	119	120	46	25	23	19	0	0	0	0	0	8	14	-	0	-	-	-	-	
SELLAFIELD ...	9 9	13	9.6	-	-	-	13.2	2.3	-	-	-	-	124	111	19	2	23	17	0	0	0	0	5	-	-	-	-	-	2.20	-	-	
LANCASHIRE																																
AUGHTON ...	21-9	54	9.6	5.0	7.3	-	17.0	3	-2.6	13	7.9	9.5	80	-	8	11	23	19	2	0	4	0	0	2	4	-	0	1.92	-	-	-	
HAZELRIGG ...	9 9	95	9.4	3.6	6.5	-	14.8	28	-4.5	13	6.9	8.7	122	-	17	25	24	20	6	0	0	0	0	6	10	8	2	1.95	-	-	-	
HELMESHORE ...	9 9	260	7.9	2.5	5.2	-	14.0	3	-4.5	13	6.9	-	205	136	22	8	25	24	4	1	0	1	0	6	7	14	-	0	1.80	-	-	
KIRKHAM ...	9 9	24	9.9	4.0	6.9	-	15.5	28	-4.5	13	-	-	99	108	12	2	23	18	0	0	0	2	0	0	5	11	-	0	1.68	-	S	-
MORECAMBE ...	9 9	7	9.6	4.0	6.8	-0.1	14.8	28	-3.9	13	-	-	114	119	17	2	24	19	0	0	0	0	0	6	-	-	0	2.15	115	-	-	
PRESTON ...	9 9	33	10.0	3.7	6.9	-	16.4	3	-3.9	13	-	-	112	115	14	25	23	21	0	0	0	3	0	7	11	-	0	-	-	-	-	
SLABURN ...	9 9	192	8.7	2.3	5.5	-	13.8	3	-6.8	13	-	-	267	171	50	25	26	23	6	0	2	0	0	8	15	-	0	1.85	-	-	-	
SQUIRES GATE AIRPORT ...	21-9	10	9.6	5.3	7.5	+0.5	15.5	3	-5.7	13	-	-	99	115	13	8	23	17	3	0	1	1	0	1	4	9	7	0	1.82	95	-	-
MERSEYSIDE																																
RIOBURN ...	9 9	12	10.4	4.8	7.6	-	16.8	29	-2.5	13	-	-	102	-	18	7	18	14	1	0	2	0	2	1	3	7	6	0	1.60	-	-	-
BIDSTON ...	9 9	60	10.3	5.1	7.7	-	16.6	28	-1.3	13	-	-	101	133	14	7	21	17	2	0	0	2	2	1	3	6	-	0	1.93	-	-	-
ST HELENS ...	9 9	76	9.9	3.6	6.7	-	16.7	3	-3.5	13	6.4	-	112	-	11	7	23	20	1	0	0	3	0	-	8	-	0	1.37	-	-	S	-
SOUTHPORT ...	9 9	5	10.3	4.2	7.3	+0.6	17.0	3	-3.2	13	6.9	10.2	78	92	9	2	23	17	-	-	-	-	-	5	8	-	-	1.81	98	-	-	-
WEST KIRBY PARK	9 9	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
GREATER MANCHESTER																																
BOLTON ...	9 9	107	9.1	2.5	5.8	-	15.6	3	-5.0	13	7.5	9.0	155	-	16	8	24	23	2	0	0	0	0	6	8	12	-	3	1.52	112	S	-
MANCHESTER																																
RINGWAY AIRPORT ...	21-9	75	9.3	4.3	6.8	+0.3	16.7	3	-3.9	13	-	-	102	131	13	10	22	20	2	0	1	1	1	2	6	8	8	0	1.64	100	-	-
WEATHER CENTRE (X)	21-9	69	9.8	5.3	7.5	-	17.1	3	-1.2	13	-	-	109	-	15	8	23	19	5	-	0	3	1	2	2	-	-	0	1.51	-	-	-
CHESHIRE																																
KNUTSFORD ...	9 9	65	9.6	2.6	6.1	-	16.7	3	-4.5	13	7.4	9.2	99	121	14	7	22	19	0	0	0	0	0	-	7	16	-	0	-	-	-	-
MACCLESFIELD ...	9 9	152	9.0	2.9	5.9	0.0	15.2	3	-3.5	13	-	-	120	136	17	7	21	19	3	0	0	1	0	1	8	-	-	0	-	-	-	-
NESS GARDENS ...	9 9	30	10.6	4.1	7.3	-	17.1	29	-4.0	13	7.4	-	81	109	15	7	18	14	0	0	3	0	0	1	5	14	-	2	1.89	-	S	-
ISLE OF MAN																																
DOUGLAS ...	9 9	85	9.6	5.2	7.4	-0.1	13.7	3	-1.0	13	-	-	128	107	26	2	24	16	0	0	0	2	1	1	1	5	-	2	2.37	112	-	-
POINT OF AYRE ...	21-9	9	10.6	6.0	8.3	0.0	17.3	3	-2.5	13	-	-	82	91	13	11	21	15	0	0	0	2	0	0	2	-	-	3	2.28	117	-	-
RONALDSWAY AIRPORT ...	21-9	16	10.0	6.1	8.1	+0.1	14.0	3	-2.8	13	-	-	79	86	13	22	24	14	0	0	1	2	0	0	3	6	4	2	2.10	101	-	-
7B WALES N																																
GWYNEDD																																
BALA ...	9 9	163	9.8	3.1	6.5	-	15.7	29	-6.3	13	7.5	9.2	169	124	26	25	25	22	1	0	1	0	0	2	8	13	12	1	1.22	-	-	-
BARSEY ISLAND ...	21-9	15	11.2	8.0	9.6	-	14.4	3	3.3	16	-	-	90	87	15	2	19	17	0	0	2	1	0	0	0	1	0	0	-	-	-	-
BETWS-Y-COED ...	9 9	20	10.9	3.9	7.4	-	17.2	29	-4.1	13	7.5	-	229	-	50	25	25	22	0	0	0	0	0	0	6	9	-	0	-	-	-	-
BOTWNOG ...	9 9	34	11.1	5.5	8.3	-	14.4	3	-2.0	13	8.9	11.2	130	102	29	14	22	17	0	0	1	0	1	0	1	9	-	0	1.83	-	-	-
CHWYSTROLLYN ...	9 9	204	9.4	3.8	6.6	-	13.5	2.29	-1.5	13	-	-	271	-	33	2	25	24	0	0	-	-	-	-	1	-	-	-	1.43	-	-	-
LLYN ALAW ...	9 9	44	10.6	3.5	7.1	-	14.0	2.3	-1.5	13.18	-	-	131	-	21	22	22	19	0	0	-	-	-	-	5	-	-	-	1.93	-	-	-
PEN-Y-FFRIDD ...	9 9	84	10.4	5.3	7.9	-	15.2	28.29	-2.3	13	-	-	124	103	18	22	21	17	0	0	2	2	1	1	1	20	-	1	1.42	-	S	-
TRAFSFFYNOG ...	9 9	193	9.9	1.4	5.7	-	16.7	29	-6.0	13	-	-	201	120	21	3	25	22	-	0	-	-	-	0	10	12	9	-	-	-	-	-
VALLEY ...	21-9	10	10.8	6.9	8.9	+0.6	14.4	3	-0.9	13	-	-	127	131	37	14	22	17	1	0	0	3	2	0	4	13	-	2.07	100	-	-	-
CLWYD																																
ALWEN ...	9 9	335	8.6	1.9	5.3	-	14.7	28	-8.0	13	-	-	180	133	23	25	24	19	6	2	3	0	0	2	8	19	-	1	-	-	-	-
BALCHWYN ...	9 9	386	8.1	3.0	5.5	-	15.3	29	-3.3																							



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

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DISTRICT REGION/COUNTY AND PLACE	MAX. TERMINAL HEIGHT MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C						MEAN SOIL 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	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	DRASS 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																							
8A WALES S CONTINUED																																	
MID GLAMORGAN	9 9	174	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ABERDARE FILTER STATION	21-9	194	-	-	-	-	-	-	-	-	-	-	142	-	23	3	20	19	0	0	0	0	0	1	-	-	-	0	-	-	-	-	
CILFYNYDD	9 9	241	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LLWYNON	9 9	6	11.3	5.6	8.5	-	14.6	3	-1.4	13	-	-	126	119	24	26	22	19	-	-	-	-	1	1	-	-	-	-	2.19	-	-	-	
PORTHCAML	9 9	6	11.3	5.6	8.5	-	14.6	3	-1.4	13	-	-	126	119	24	26	22	19	-	-	-	-	1	1	-	-	-	-	2.19	-	-	-	
SOUTH GLAMORGAN	9 9	40	10.9	4.2	7.5	-	14.5	2.3	-4.2	13	8.9	11.2	156	-	35	26	22	19	1	0	0	0	0	2	4	16	0	-	-	-	-	-	
BRIDGEND	9 9	9	11.2	3.5	7.3	-	15.1	3	-2.8	14	8.6	10.7	91	-	18	26	22	17	0	0	0	0	0	1	5	14	0	-	1.97	-	-	-	
CARDIFF (BUTE PARK)	21-9	67	10.2	4.9	7.5	-	14.6	3	-4.3	13	-	-	118	-	26	26	22	17	1	0	1	1	0	2	3	11	8	1	2.11	-	-	-	
RHOSE AIRPORT	9 9	40	10.9	4.2	7.5	-	14.5	2.3	-4.2	13	8.9	11.2	156	-	35	26	22	19	1	0	0	0	0	2	4	16	0	-	-	-	-	-	
GWENT	9 9	245	9.4	3.7	6.5	-	13.5	3	-3.1	13	7.3	8.7	56	51	8	26	20	11	0	0	0	0	0	6	4	9	-	0	1.96	-	-	-	
CRUMBLAND	9 9	21	11.1	2.6	6.9	+0.2	15.8	3	-6.0	13	8.4	-	51	45	8	11	19	14	0	0	0	0	0	1	9	12	-	1	1.69	98	-	-	
USK	9 9	21	11.1	2.6	6.9	+0.2	15.8	3	-6.0	13	8.4	-	51	45	8	11	19	14	0	0	0	0	0	1	9	12	-	1	1.69	98	-	-	
8B ENGLAND SW																																	
AVON	9 9	118	(10.9)	(4.6)	(7.7)	-	15.9	3	-3.0	13	8.8	-	46	53	10	26	17	11	-	0	-	-	-	4	-	-	-	-	-	-	-	-	-
BATH	21-9	59	10.4	4.8	7.6	+0.5	15.3	3	-5.4	13	-	-	47	57	11	3	17	11	0	0	0	0	1	3	5	14	9	0	1.75	96	-	-	-
FILTON	9 9	51	10.9	4.0	7.5	+0.4	16.1	3	-4.8	13	9.3	-	79	85	19	26	19	13	0	0	0	0	1	3	6	13	-	0	1.95	102	-	-	-
LONG ASHTON	9 9	51	10.9	4.0	7.5	+0.4	16.1	3	-4.8	13	9.3	-	79	85	19	26	19	13	0	0	0	0	1	3	6	13	-	0	1.95	102	-	-	-
SOMERSET	9 9	23	11.7	5.0	8.3	-	17.5	3	-4.8	13	9.2	-	59	-	12	8	18	16	0	0	0	0	2	2	-	-	-	1	1.46	-	-	-	-
BRYNORE	9 9	101	10.5	4.9	7.7	-	15.2	3	-4.1	13	8.3	-	39	-	13	13	16	9	0	0	0	0	2	2	-	-	-	0	-	-	-	-	
CREWKERNE	9 9	183	(9.7)	4.2	(6.9)	-	15.4	3	-4.2	13	-	-	104	88	21	26	20	18	0	0	0	0	2	4	-	-	-	-	-	-	-	-	
DOWNSIDE ABBEY	21-9	329	8.9	4.0	6.5	-	13.5	3	-3.6	13	-	-	150	-	18	26	24	19	8	0	0	0	2	4	-	-	-	-	-	-	-	-	
EXTON	9 9	314	9.1	3.1	6.1	-	13.6	3	-5.6	13	-	-	207	121	28	26	25	20	0	0	0	0	5	5	17	-	0	2.35	-	-	-	-	
HAWKRIIDGE	9 9	96	11.1	(3.8)	(7.5)	-	16.4	3	-5.8	13	9.1	-	69	-	8	11	20	15	0	0	0	0	1	0	1	15	-	0	-	-	-	-	-
NETTLECOMBE	9 9	280	9.6	4.5	7.1	-	14.5	3	-1.9	13	-	-	73	-	9	11	21	17	0	0	0	0	1	0	1	2	7	-	0	-	-	-	-
NETTLECOMBE (BIRDS HILL)	9 9	40	10.6	4.1	7.3	-	16.5	3	-3.7	13	9.5	10.9	83	83	17	26	22	17	0	0	0	0	2	3	6	15	-	0	-	-	-	-	-
RODNEY STONE	9 9	113	(11.1)	3.8	(7.5)	-	16.7	6	-4.2	13	-	-	63	60	8	26	18	16	0	0	0	0	0	6	6	13	-	1	2.11	-	-	-	-
WINCANTON	21-9	18	11.1	4.0	7.5	-	16.9	3	-6.6	13	-	-	48	54	9	13	17	14	0	0	1	0	0	2	7	14	11	0	-	-	-	-	-
YEOVILTON	9 9	18	11.1	4.0	7.5	-	16.9	3	-6.6	13	-	-	48	54	9	13	17	14	0	0	1	0	0	2	7	14	11	0	-	-	-	-	-
DORSET	9 9	10	11.2	3.4	7.3	-	14.9	3	-6.0	13	-	-	38	40	7	11	17	11	0	0	0	1	0	4	12	15	15	0	2.44	-	-	-	-
BOURNEMOUTH	21-9	50	11.5	3.6	7.5	-	15.0	1.4	-3.5	13-21	8.2	10.2	48	-	9	11	15	10	0	0	0	0	2	6	16	-	-	0	2.42	-	-	-	-
HURN AIRPORT	9 9	4	11.4	4.1	7.7	-	15.7	30	-3.1	13	-	-	42	45	9	11	16	10	0	0	0	0	3	5	13	-	0	-	-	-	-	-	
DORSET TECH COLLEGE	9 9	5	11.3	3.4	7.3	-0.3	14.6	3.4	-6.0	13	9.4	11.2	39	43	9	11	16	9	0	0	0	0	5	8	16	-	0	2.48	101	-	-	-	-
CHRISTCHURCH	21-9	53	11.3	8.0	9.7	+0.2	14.5	3	1.4	13	-	-	39	-	11	13	14	10	0	0	0	0	1	0	1	9	-	0	2.68	-	-	-	-
POOLE	9 9	11	11.5	5.4	8.5	+0.2	14.8	3.4	-1.7	21	-	12.1	47	50	8	8	16	11	0	0	0	1	0	0	2	9	-	1	2.53	106	-	-	-
PORTLAND BILL	9 9	23	11.8	5.3	8.5	-	14.7	3	-2.1	13	-	-	38	-	7	13	17	12	0	0	0	0	0	0	2	-	0	0	2.65	105	-	-	-
(COASTGUARD)	9 9	26	11.4	3.2	7.3	-	15.8	26	-5.2	13	-	-	50	48	11	11	15	10	0	0	0	0	4	9	19	-	0	-	-	-	-	-	-
SWANAGE	21-9	53	11.3	8.0	9.7	+0.2	14.5	3	1.4	13	-	-	39	-	11	13	14	10	0	0	0	0	1	0	1	9	-	0	2.68	-	-	-	-
MEYNOUTH	9 9	11	11.5	5.4	8.5	+0.2	14.8	3.4	-1.7	21	-	12.1	47	50	8	8	16	11	0	0	0	1	0	0	2	9	-	1	2.53	106	-	-	-
WIMFRITH	9 9	26	11.4	3.2	7.3	-	15.8	26	-5.2	13	-	-	50	48	11	11	15	10	0	0	0	0	4	9	19	-	0	-	-	-	-	-	-
DEVON	9 9	168	10.4	3.7	7.1	-	15.5	3	-4.2	13	8.9	-	111	-	12	4	23	18	1	0	1	0	0	-	6	13	-	0	2.27	-	-	-	-
CHARMLEIGH	21-9	32	11.3	5.2	8.3	+0.5	16.0	3	-4.4	13	-	-	37	41	11	13	16	10	1	0	0	2	0	3	6	12	8	1	2.12	98	-	-	-
EXETER AIRPORT	9 9	59	11.3	5.4	8.3	+0.4	15.1	3	-2.7	13	-	-	47	55	18	13	19	11	0	0	0	0	1	0	1	4	-	0	2.59	103	-	-	-
EXMOUTH	21-9	93	10.8	8.1	9.5	+0.8	14.5	3	-0.5	13	-	-	75	77	11	26	22	15	0	0	0	0	4	0	1	1	1	8	2.10	104	-	-	-
HARTLAND POINT	9 9	165	10.2	4.3	7.3	-	15.3	3	-4.1	13	-	-	68	-	11	13	19	16	0	0	0	0	-	-	4	-	-	-	2.00	-	-	-	-
HENYOCK	9 9	8	12.0	7.0	9.5	-	15.6	29	1.1	13	10.7	12.1	131	110	24	26	24	19	0	0	3	0	0	1	0	-	-	2	1.84	-	-	-	-
ILFRACOMBE	9 9	143	10.8	4.9	7.9	-	14.5	30	-5.5	13	-	-	153	-	30	26	23	20															



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

NOVEMBER 1979

DISTRICT REGION/COUNTY AND PLACE			MAX. TERMINAL HEIGHT MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C								MEAN SOIL 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																																		
AGHRILOO	99	18	10.3	4.2	7.3	-	16.5	23	-1.0	20	-	-	156	-	27	25	26	25	2	0	0	3	0	0	2	10	-	-	-	-	-	-	-	
BANAGHER (CAUGH HILL)	99	216	8.9	3.1	6.0	-	14.5	3	-4.0	13	-	-	197	-	32	25	28	23	1	1	0	1	0	0	4	14	-	-	13	1.77	-	-		
BOON HALL	99	37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CARMONEY	99	73	9.7	4.1	6.9	-	15.0	23	-2.0	20	-	-	171	-	33	25	28	25	-	0	0	-	-	0	2	12	-	-	-	-	-	-		
COLERAINE UNIVERSITY	99	23	10.1	4.0	7.1	-	16.7	3	-1.9	13	7.6	9.5	169	-	27	25	26	24	10	0	0	3	1	1	4	14	-	-	0	1.54	79	-		
COOLKEERAGH	99	3	10.3	4.1	7.2	-	16.2	3	-0.7	13.20	-	-	143	-	19	4	27	25	-	-	-	-	-	2	2	-	-	-	-	-	-	-		
DERRYMOY FOREST	99	88	9.4	2.8	6.1	-	15.4	3	-3.0	13	-	-	194	-	27	25	28	27	1	1	0	0	0	1	6	18	-	-	-	-	-	-		
DARVAGH FOREST	99	88	9.2	2.7	5.9	-	16.1	3	-2.6	13	-	-	181	-	21	13	28	26	-	2	-	-	-	1	6	21	-	-	-	-	-	-		
LOUGHMORE FOREST	99	174	9.0	2.6	5.8	-	14.4	23	-5.2	13	-	-	185	-	34	25	28	26	7	4	0	3	0	2	8	15	-	-	2	0	-	-		
HONEYDIO	99	34	9.9	3.2	6.5	+0.4	15.9	3	-2.6	13	7.8	-	169	-	20	13	28	25	3	1	0	4	0	3	5	16	-	-	10	-	-	-		
TRADD POINT	99	16	10.0	3.3	6.7	-	16.0	3	-3.4	13	-	-	179	-	40	11	21	15	1	-	0	0	0	-	-	-	-	-	-	-	-	-		
ANTRIM																																		
ALDERGROVE AIRPORT	21-9	68	9.2	4.0	6.6	+0.2	16.4	3	-3.5	20	7.1	9.9	132	158	38	13	25	20	4	1	1	2	0	0	5	12	8	0	1.97	105	-	-		
ALTNAHINCH	99	213	8.0	2.7	5.3	-	14.5	3	-2.3	13	-	-	196	-	28	25	26	25	6	1	0	0	0	1	5	15	-	-	0	1.37	-	-		
BALLYLUNFORD	99	24	10.3	4.9	7.6	-	16.5	3	-0.8	13	-	-	120	-	29	13	22	17	-	-	-	-	-	-	3	3	-	-	-	-	-	-		
BALLYPATRICK FOREST	99	152	9.0	3.6	6.3	-	15.4	3	-1.5	13	-	-	186	144	28	25	28	24	0	-	0	0	0	0	1	-	-	1	2.00	-	-	-		
CARNOUGH	99	12	10.0	4.5	7.3	-	16.0	3	-1.5	13	-	-	162	-	25	25	27	21	0	-	0	0	0	0	1	-	-	-	-	-	-	-		
DIVIS MOUNTAIN	99	363	7.5	1.0	4.3	-	14.0	3	-5.4	17	-	-	187	164	30	2	24	24	5	-	1	0	0	-	10	6	-	-	-	-	-	-		
GREENMOUNT	99	38	9.6	3.5	6.5	-	16.1	3	-3.0	20	7.7	-	127	157	30	13	24	21	2	1	0	1	0	-	13	-	-	-	-	-	-	-		
HYDE PARK (MALLUSK)	99	140	9.2	3.4	6.3	-	15.9	3	-2.2	13	-	-	139	-	42	13	27	21	1	0	0	0	0	0	3	11	-	-	-	-	-	-		
KILROOT POWER STATION	99	12	10.2	4.2	7.2	-	16.8	3	-2.6	13	-	-	132	-	23	13	23	19	0	0	0	0	0	0	3	14	-	-	-	1.85	-	-		
LISNAFILLAN	99	38	9.5	2.1	5.8	-	16.4	3	-4.8	13	-	-	176	187	33	13	26	23	0	0	0	0	0	1	10	17	-	-	-	1.77	-	-		
LONTOWN	99	271	7.8	2.6	5.2	-	14.0	3	-2.5	13	6.4	-	179	134	28	13	26	21	1	1	0	0	0	5	6	15	-	-	-	1.93	-	-		
PARKMORE FOREST	99	235	8.0	1.9	4.9	-	14.4	3	-3.9	13	6.2	-	241	145	29	25	28	24	2	0	0	0	0	2	9	14	-	-	2	-	-	-		
WOODBURN NORTH	99	217	8.3	2.8	5.5	-	15.0	3	-2.5	13	-	-	170	151	39	13	25	22	1	0	0	0	0	2	7	15	-	-	-	-	-	-		
BELFAST																																		
ANDERSONSTOWN	99	64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
MALONE	99	35	9.8	2.3	6.1	-	16.5	3	-2.0	20	7.9	-	141	-	43	13	24	19	-	-	-	-	-	8	-	-	-	-	2.23	-	-	-		
MILLTOWN	99	37	10.3	2.9	6.6	-	16.8	3	-3.3	13	-	-	141	-	45	13	24	19	-	0	-	-	-	0	7	-	-	-	-	-	-	-		
NEWTOWNABBIE	99	32	10.2	4.6	7.4	-	16.7	3	-1.3	13	7.9	-	152	157	42	13	22	19	2	0	0	0	0	0	2	10	7	1	2.12	-	-	-		
ROSEBANK	99	47	9.8	3.4	6.6	-	16.5	3	-1.6	13	-	-	138	-	39	13	21	21	0	0	0	0	0	-	2	-	-	-	-	-	-	-		
ROSETTA	99	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SHAM'S BRIDGE	99	15	10.2	2.6	6.4	-	17.1	3	-5.2	13	-	-	133	-	45	13	24	18	0	0	0	1	0	-	8	-	-	-	-	-	-	-		
STORMONT CASTLE	99	56	9.8	3.8	6.8	-	16.5	3	-0.7	12	7.2	9.3	132	150	29	13	25	20	1	0	0	1	0	0	1	17	-	-	-	2.15	-	-	-	
DOWN																																		
BANGOR SEACOURT	99	15	10.2	5.1	7.7	-	16.9	3	0.0	13	8.4	10.5	100	-	19	13	22	20	0	0	2	1	0	0	5	4	1	2.14	-	-	-	-		
BALLYMALT PARK	-	11	-	-	-	-	-	-	-	-	-	-	101	126	14	2	21	17	-	-	-	-	-	-	-	-	-	-	-	2.43	-	-		
BALLYMATTICOCK	99	6	9.8	3.7	6.7	-	15.9	3	-3.1	13	6.5	8.7	109	147	22	13	21	16	0	0	0	1	0	0	5	11	8	0	2.43	-	-	-		
BRYANSFORD	99	85	10.6	4.3	7.5	-	17.9	3	-4.0	13	7.9	10.5	167	-	58	13	24	21	1	1	0	0	0	0	3	13	9	1	2.51	-	-	-		
DOWNPATRICK	99	26	10.3	4.0	7.1	-	17.8	3	-3.4	13	-	-	90	-	20	13	18	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
HELENS BAY	99	43	9.8	4.7	7.3	-	16.8	3	-0.8	13	-	-	116	143	21	13	23	18	1	0	0	0	0	-	1	6	-	-	3	2.13	-	-		
HILLSBOROUGH	99	116	9.3	2.9	6.1	-0.2	15.7	3	-4.9	13	7.4	9.1	123	147	45	13	25	18	1	0	0	3	0	0	7	12	-	-	2	2.45	127	-		
LONG KESH	21-9	37	9.6	3.9	6.7	-	16.8	3	-5.0	13	7.1	9.1	113	-	39	13	22	19	0	0	2	0	0	0	7	11	10	0	2.37	-	-	-		
LOUGH CONEY	99	10	9.7	4.1	6.9	-	15.5	3	-2.0	13.14	-	-	110	-	23	13	19	16	0	0	1	0	0	0	3	9	-	-	-	2.43	-	-		
MAGHERALLY	99	97	9.2	1.8	5.5	-	16.1	3	-5.7	13	-	-	139	-	59	13	21	17	3	2	-	-	-	-	11	16	-	-	-	-	-	-		
MURLOUGH	99	9	10.6	3.2	6.9	-	18.5	3	-4.5	13	7.3	8.5	120	-	25	2	21	16	0	0	0	0	0	0	6	11	-	-	4	2.73	-	-		
NEWRY	99	1	10.7	3.7	7.2	-	16.1	3	-4.6	13	-	-	142	-	41	13	19	15	0	0	0	0	0	0	4	11	-	-	-	2.19	-	-		
SILENT VALLEY	99	129	9.4	3.6	6.5	-	14.8	3	-3.1	13	-	-	188	-	42	13	22	14	1	0	0	0	0	0	2	11	-	-	-	2.44	-	-		
ARRAUGH																																		
ARRAUGH	99	62	9.7	3.3	6.5	0.0	15.5	3	-3.9	20	7.3	9.5	99	128	15	13	21	18	0	0	0	1	0	0	7	17	-	-	4	2.08	107	-		
LOUGHGALL	99	25	10.2	3.5	6.9	-	16.2	3	-3.4	13	-	-	99	138	18	13	21	18	0	0	0	0	0	1	8	18	-	-	0	2.32	-	-		
LURGAN	99	55	10.1	3.6	6.9	-	16.3	3	-4.5	13	7.4	9.4	125	165	47	13	23	16	1	-	0	0	0	-	6	16	-	-	-	2.13	-	-		
TANDRAGEE	99	43	10.7	3.1	6.9	-	16.5	3	-4.5	13	-	-	128	-	45	13	20	18	1	-	0	0	0	-	6	-	-	-	-	-	-</			



TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

NOVEMBER 1979

DISTRICT, REGION/COUNTY AND PLACE	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 (Hb)	DIFFERENCE FROM 1941-70 AVERAGE	DRY BULB (DEGREES C)	DEPRESSION OF WET BULB (DEGREES C)	VAPOUR PRESSURE (Hb)	RELATIVE HUMIDITY (%)	OKTAS						0 - 39 M	40 - 190 M	200 - 390 M	400 - 990 M	1000 - 1900 M	2000 - 3900 M	4 - 9 KM	10 - 19 KM	20 - 39 KM	40 KM AND OVER	BEAUFORT FORCE																		
									0	1 - 2	3 - 5	6 - 7	8	SKY OBSERVED											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 SHET. AND																																											
FAIR ISLE	61	9	1002.1	-	6.2	1.1	8.0	84	5.7	0	5	6	12	7	0	0	0	0	0	0	0	1	0	0	1	2	14	12	4	9	11	5	1	3	0	2	1	5	6	7	5		
		15	1001.1	-	6.5	0.9	8.5	87	6.8	0	0	1	4	14	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
		21	1001.8	-	6.2	1.0	8.1	85	7.0	0	0	5	6	10	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
LERWICK	83	3	1001.2	-	4.8	1.1	7.3	84	4.7	0	11	4	8	6	1	0	0	0	0	1	0	0	0	2	7	16	4	2	4	11	12	1	1	0	1	2	5	3	13	4	4		
		9	1001.3	-6.5	4.8	1.0	7.5	85	5.7	0	0	1	11	13	5	0	0	0	0	0	0	0	1	2	3	6	12	6	2	4	14	8	2	1	0	0	1	7	6	9	4		
		15	1000.3	-	5.5	1.1	7.7	84	5.9	0	4	6	7	10	10	0	0	0	0	0	0	0	0	2	6	8	6	2	5	17	5	1	0	0	0	3	10	9	4	4			
ORKNEY	21	9	1001.0	-	4.8	1.2	7.3	83	5.0	0	6	10	8	6	0	0	0	0	0	0	0	0	3	5	16	5	0	7	12	10	1	3	0	0	1	4	7	6	8	5			
KIRKALL	26	3	1002.6	-	4.9	0.7	7.9	88	5.8	0	6	3	14	7	0	0	0	0	0	0	0	0	4	2	16	8	1	3	13	13	0	1	0	2	0	7	4	14	2				
		9	1002.9	-5.3	5.2	0.7	8.0	89	5.8	0	2	8	15	5	0	0	0	0	0	0	0	0	0	0	6	13	11	0	4	18	8	0	0	0	2	1	6	11	8	2			
		15	1001.8	-	6.1	0.8	8.4	88	6.3	0	4	1	18	7	0	0	0	0	0	0	0	0	0	2	6	14	8	0	6	16	7	1	2	0	3	0	4	8	9	3			
WESTERN ISLES	21	9	1002.7	-	5.2	0.8	7.9	87	4.7	0	7	12	6	5	0	0	0	0	0	0	0	0	3	0	19	8	0	4	16	9	1	2	0	1	2	5	6	8	5				
BENBECULA	7	3	1004.1	-	6.0	0.8	8.4	88	5.0	0	9	6	5	10	0	0	0	0	0	0	1	3	7	11	8	1	6	13	9	1	4	1	0	3	6	3	7	5					
		9	1003.5	-5.0	6.3	0.8	8.6	88	5.7	0	5	6	11	8	0	0	0	0	0	0	2	5	1	14	8	0	5	15	6	1	4	2	0	1	2	7	4	7	3				
		15	1003.8	-	7.3	1.1	8.7	84	5.8	0	4	6	12	8	0	0	0	0	0	0	4	0	2	17	7	1	3	18	7	1	4	1	0	0	5	4	9	6					
STORMOVAY	5	3	1003.3	-	4.9	0.5	8.2	92	5.0	1	7	7	5	10	0	0	0	0	0	0	0	2	10	18	0	1	3	8	17	1	2	0	0	0	4	9	7	7					
		9	1003.1	-5.3	5.6	0.6	8.4	91	6.3	0	2	6	12	10	0	0	0	0	0	0	1	6	9	12	2	0	5	9	14	2	2	0	0	0	6	10	7	3					
		15	1002.8	-	6.4	0.8	8.6	88	5.7	0	6	4	14	6	0	0	0	0	0	0	0	3	9	15	3	0	1	14	15	0	1	0	1	1	4	8	7	8					
HIGHLAND	21	9	1003.8	-	5.2	0.6	8.2	91	5.1	0	6	8	6	10	0	0	0	0	0	0	0	3	10	14	3	0	3	11	15	1	2	0	1	0	6	3	12	5					
CAPE WRATH	113	3	1002.1	-	5.9	0.7	8.5	90	6.2	0	1	10	7	11	1	0	0	1	0	0	0	0	2	20	7	1	9	9	10	1	1	1	1	3	4	7	9	3					
		9	1002.1	-	5.9	0.6	8.6	90	6.4	0	0	8	14	7	1	0	0	0	1	0	0	0	1	2	14	12	1	6	12	11	0	2	1	1	4	6	5	4	7				
		15	1001.7	-	6.0	0.6	8.7	91	6.7	0	0	6	13	10	1	0	0	0	1	0	0	0	1	0	2	17	9	3	4	9	14	0	1	0	1	3	3	9	7				
DALCROSS	12	9	1004.8	-	5.2	0.7	8.1	88	6.2	0	2	3	21	4	0	0	0	0	0	0	1	5	13	11	0	1	12	16	1	0	0	0	5	19	5	0							
		15	1004.0	-	6.6	0.9	8.7	87	6.4	0	2	23	3	0	0	0	0	0	0	0	0	1	4	16	9	0	2	16	10	2	0	0	0	3	20	5	0						
WICK	37	3	1003.3	-	4.5	0.8	7.5	87	5.3	0	6	6	14	4	0	0	0	0	0	0	0	1	5	15	9	0	1	13	16	0	2	0	1	0	5	6	13	3					
		9	1003.5	-5.1	5.0	0.9	7.6	85	6.2	0	0	8	17	5	0	0	0	0	1	0	2	6	11	10	0	0	21	8	1	0	1	0	2	7	8	6	5						
		15	1002.4	-	5.9	1.0	8.0	84	6.7	0	0	2	25	3	0	0	0	0	1	0	4	3	11	11	0	2	19	9	0	1	0	2	0	6	6	9	6						
1 SCOTLAND E ORAMPAN	21	9	1003.4	-	4.8	0.9	7.6	86	5.3	0	4	9	11	6	0	0	0	0	0	0	0	3	5	13	9	0	0	16	14	0	1	1	0	1	5	6	12	4					
DYCE	59	3	1005.4	-	4.3	0.9	7.3	85	4.4	4	8	3	9	6	0	0	0	0	0	0	3	3	13	8	0	1	8	21	0	2	0	0	0	9	7	12	0						
		9	1005.5	-4.2	4.7	0.9	7.5	85	6.0	0	2	6	18	4	0	0	0	0	0	0	4	3	11	12	0	1	8	17	4	2	0	0	0	8	7	7	2						
		15	1004.3	-	6.9	1.4	8.1	79	6.1	0	4	1	21	4	0	0	0	0	0	0	5	6	7	12	0	0	12	16	2	0	0	0	10	4	10	4							
FRASERBURGH	22	3	1004.4	-	6.1	1.2	7.8	81	4.8	0	7	12	4	7	0	0	0	0	0	0	1	6	2	15	6	0	1	11	15	3	1	0	0	1	6	4	12	3					
		9	1004.7	-4.5	6.1	1.2	7.9	82	6.4	0	1	9	8	12	0	0	0	0	0	0	0	7	23	0	0	5	14	11	0	1	2	2	7	8	6	2							
		15	1003.5	-	7.4	1.4	8.5	80	6.0	0	0	8	18	4	0	0	0	0	0	0	0	4	26	0	1	7	9	13	0	1	0	1	1	11	7	7	2						
KINLOSS	6	3	1004.6	-	4.8	1.0	7.4	84	5.2	0	6	8	13	3	0	0	0	0	0	0	1	5	14	10	0	1	9	20	0	0	0	2	0	8	16	3	1						
		9	1004.7	-4.6	5.6	1.3	7.6	81	6.1	0	3	3	20	4	0	0	0	0	0	1	4	1	11	13	0</																		



TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

NOVEMBER 1979

DISTRICT, REGION/COUNTY AND PLACE	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 - 39 M	40 - 190 M	200 - 390 M	400 - 990 M	1000 - 1900 M	2000 - 3900 M	4 - 9 KM	10 - 19 KM	20 - 39 KM	40 KM AND OVER	BEAUFORT FORCE						N	NE	E	SE	S	SW	W	NW																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
									MEAN	0	1 - 2	3 - 5	6 - 7	8											SKY OBSERVED	34 OR MORE	22-33	11-21	1-10	0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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6 SCOTLAND W -CONTO. DUMFRIES & GALLOWAY																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
ESKDALEHUIR	237	3	1008.8	-	3.2	0.5	7.3	91	5.9	4	1	5	6	13	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

NOVEMBER 1979

DISTRICT, REGION/COUNTY AND PLACE	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 1961-70 AVERAGE	DRY BULB (DEGREES C)	DEPRESSION OF WET BULB (DEGREES C)	WET BULB (DEGREES C)	VAPOUR PRESSURE (MB)	RELATIVE HUMIDITY (%)	OKTAS						0 - 39 M	40 - 190 M	200 - 390 M	400 - 990 M	1000 - 1900 M	2000 - 3900 M	4 - 9 KM	10 - 19 KM	20 - 39 KM	40 KM AND OVER	BEAUFORT FORCE						SPEED (KT)							
										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																																							
3 EAST ANGLIA -CONTO. BEDFORDSHIRE																																							
CARDINGTON	30	3	1013.5	-	5.2	0.5	8.4	93	5.0	7	3	1	8	10	1	0	2	0	1	0	1	7	15	4	0	0	0	14	16	0	1	0	1	8	18	0			
		9	1014.0	+ 0.6	5.9	0.6	8.8	92	6.2	0	5	2	11	11	1	0	0	1	0	1	1	2	12	6	6	0	0	1	14	16	0	1	0	1	8	18	0		
		15	1012.8	-	9.2	1.4	9.6	81	6.1	1	2	6	12	9	0	0	0	0	0	0	1	1	11	9	8	0	0	1	14	16	0	1	0	1	2	14	15	2	
ESSEX	21	3	1013.3	-	6.7	0.7	9.0	90	5.8	2	1	8	9	10	0	0	0	0	0	0	0	2	7	16	4	0	0	0	11	18	1	2	0	1	1	12	12	1	
		SHOEBURYNESSE	5	9	1014.5	+ 0.9	7.0	1.0	8.8	86	5.8	1	5	2	13	8	1	0	2	0	1	0	8	7	10	1	0	0	11	19	0	0	1	0	4	10	4		
				15	1013.5	-	9.3	1.6	9.4	79	6.1	1	3	3	11	12	0	0	0	1	0	0	0	0	8	7	12	2	0	0	11	19	0	0	1	0	2	11	10
21	1013.9			-	7.4	1.0	9.0	86	5.1	2	6	5	5	11	1	0	1	0	0	0	0	0	9	9	9	2	0	0	1	11	18	0	1	0	1	4	11	9	4
STANSTED	102	3	1013.7	-	5.1	0.6	8.2	91	4.9	8	3	1	5	11	2	0	2	1	1	0	4	8	7	7	0	0	0	6	23	1	3	0	1	1	3	10	9	2	
		9	1014.3	+ 0.9	5.5	0.6	8.5	91	6.4	1	3	1	14	9	2	0	2	1	1	0	2	10	7	4	2	0	0	8	21	1	2	0	1	2	14	8	1		
		15	1013.1	-	8.6	1.4	9.2	81	6.0	1	3	5	10	11	0	0	0	0	1	1	4	5	5	9	5	0	8	21	1	3	0	1	1	2	11	10	2		
21	3	1013.6	-	6.5	0.7	8.8	89	5.7	1	4	6	9	9	1	0	0	1	0	1	3	11	5	7	2	0	0	7	22	1	2	0	0	1	1	15	6	4		
	4 MIDLAND COUNTIES WEST YORKSHIRE																																						
	HUDDESFIELD	235	3	1010.9	-	4.2	0.4	7.8	93	6.0	3	1	7	1	18	0	0	0	0	0	0	4	5	18	3	0	1	0	11	17	1	1	1	0	6	14	5	1	
9			1011.4	-	4.8	0.5	8.2	93	6.1	2	1	5	10	12	0	0	0	0	0	0	1	9	16	3	0	0	1	11	15	3	1	2	0	1	6	8	9	0	
15			1010.4	-	6.8	1.1	8.4	84	5.9	1	1	10	9	9	0	0	0	0	1	1	0	1	14	13	0	0	0	3	12	13	2	1	1	0	4	8	9	5	
21	3	1011.1	-	5.6	0.9	8.0	87	5.6	4	1	4	12	9	0	0	0	0	0	1	0	1	2	9	16	1	0	0	13	11	6	0	0	3	5	10	3	3		
	WILSDEN	267	3	1011.1	-	4.5	0.7	7.7	89	5.2	4	2	7	6	11	0	0	0	0	0	1	1	11	16	1	0	0	0	15	13	2	1	0	0	1	4	8	12	2
			9	1011.0	-	4.6	0.7	7.8	89	5.3	1	7	5	8	9	0	0	0	0	1	0	5	8	15	1	0	0	2	18	9	1	1	0	1	2	15	7	2	
15			1009.9	-	6.6	1.3	8.0	81	5.4	0	3	14	2	11	0	0	0	1	0	1	4	6	15	3	0	0	5	14	10	1	1	0	2	1	2	9	11	3	
21	3	1011.0	-	5.2	1.0	7.6	85	4.7	5	4	5	4	11	1	0	0	0	0	0	1	1	9	18	1	0	0	1	10	19	0	1	0	1	0	3	9	12	4	
	SOUTH YORKSHIRE																																						
	FINNINGLEY	15	3	1011.1	-	5.3	0.7	8.1	89	5.1	5	4	4	8	8	1	0	1	0	1	1	2	5	10	8	2	0	0	11	18	1	0	0	1	2	4	13	6	3
9			1011.5	- 0.7	5.7	0.8	8.3	89	5.9	1	3	4	15	7	0	0	0	0	1	1	4	4	10	8	2	0	1	12	17	0	1	0	0	8	13	5	1		
15			1010.5	-	8.4	1.7	8.7	78	5.2	0	5	8	11	6	0	0	0	0	0	1	1	8	7	8	5	0	1	13	16	0	2	1	1	1	6	7	10	2	
21	3	1011.1	-	6.2	0.9	8.4	87	4.6	2	10	2	7	9	0	0	1	0	1	2	0	10	10	5	1	0	0	10	20	0	0	0	3	6	8	8	5			
	NOTTINGHAMSHIRE																																						
	WATNALL	119	3	1012.1	-	5.0	0.6	8.1	91	5.2	5	3	4	6	11	1	0	1	1	0	0	3	6	12	7	0	0	0	7	23	0	1	0	0	1	3	15	8	2
9			1012.6	+ 0.1	5.4	0.6	8.3	91	6.0	1	4	3	10	10	2	0	2	0	0	2	5	13	5	3	0	0	1	7	22	0	1	0	2	0	4	16	6	1	
15			1011.4	-	8.2	1.4	8.8	81	5.9	0	4	4	15	7	0	0	0	0	1	3	3	8	4	11	0	0	0	10	20	0	2	0	2	0	3	10	11	2	
21	3	1012.2	-	6.0	0.8	8.5	89	5.7	4	1	3	12	9	1	0	1	1	0	0	4	9	10	5	0	0	0	6	23	1	1	0	0	1	1	13	9	4		
	SALOP																																						
	SHAWBURY	76	3	1012.2	-	5.5	0.6	8.5	91	6.0	1	4	3	12	8	2	0	2	1	0	1	1	7	17	0	0	0	9	18	3	0	0	0	3	3	10	8	3	
9			1012.6	- 0.1	5.6	0.6	8.5	91	5.8	0	3	9	11	6	1	0	1	0	1	1	2	6	2	17	0	0	1	7	22	0	2	1	2	4	6	8	6	1	
15			1011.3	-	8.9	1.3	9.6	83	6.3	0	3	3	18	5	1	0	1	0	0	0	1	5	7	15	1	0	1	12	17	0	0	0	2	7	7	10	4		
21	3	1012.3	-	6.3	0.7	8.8	90	5.1	1	9	3	8	8	1	0	1	0	0	0	2	5	6	16	0	0	1	7	21	1	3	0	0	3	4	11	5	3		
	WEST MIDLANDS																																						
	EDGBASTON	165	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
15			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
21			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
ELMOON	100	3	1013.3	-	5.2	0.7	8.1	89	5.5	1	5	5	8	8	3	0	2	0	2	1	0	5	11	9	0	0	0	12	15	3	0	0	0	3	5	11	4	4	
		9	1013.7	+ 0.7	5.9	0.8	8.4	88	5.7	0	6	5	9	8	2	0	1	0	2	1	3	5	13	5	0	0	0	13	16	1	0	0	0	3	8	12	3	3	
		15	1012.5	-	8.9	1.7	8.9	77	6.3	0	2	4	16	8	0	0	0	0	1	0	2	3	19	5	0	0	0	13	17	0	2	0	0	1	6	8	9	4	
21	3	1013.2	-	6.6	0.9	8.6	86	4.8	2	8	4	7	8	1	0	1	0	0	0	2	3	15	4	1	0	0	12	15	3	2	0	0	1	5	10	5	4		
	GLOUCESTER																																						
	INNSMORTH	24	3	1013.6	-	6.3	0.8	8.6	88	4.9	6	4	2	8	8	2	0	2	0	2	0	1	7	5	10	3	0	0	4	24	2	0	1	1	1	12	6	6	1
9			1014.2	-	7.0	0.9	9.1	87	5.8	0	8	1	10	9	2	0	2	0	0	0	4	6	9	6	3	0	0	8	22	0	1	1	0	0	12	8	6	2	
15			1013.0	-	9.7	1.8	9.4	76	6.6	1	1	2	19	7	0	0	0	1	1	0	1	6	8	8	5	0	0	12	18	0	1	1	0	1	9	8	2		
21	3	1013.8	-	7.3	0.9	9.0	87	5.4	1	6	5	11	6	1	0	0	1	1	0	2	6	8	10	2	0	0	5	22	3	1	0	0	1	11	10	4	0		
	OXFORDSHIRE																																						
	BENSON	74	3	1014.2	-	5.7	0.6	8.6	92	5.5	3	4	4	13	2	0	0	2	0	1	2	4	10	11	0	0	0	6	21	3	2	0	1	1	11	4	6	1	
9			1014.8	-	6.3	0.6	9.0	91	6.1	0	5	3	10	9	3	0	1	1	1	1	0	8	7	9	2	0	0	6	18	6	0	0	0	11	5	4	3		
15			1013.6	-	9.2	1.4	9.7	82	6.5	1	1	6	10	10	2	0	2	0	0	0	1	4	7	14	2	0	0	13	17	0	0	0	1	6	10	8	4		
21	3	1014.1	-	7.1	0.7	9.2	90	5.9	1	3	7	8	10	1	0	0	1	0	1	0	2	7	12	0	0	0	11	14	5	0	1	0	1	9	5	7	2		
	BRIZE NORTON	92	3	1014.0	-	5.3	0.5	8.4	92	5.1	7	1	5	3	13	1	0	2	1	0	1	6	8	10	1	0	0	2	26										



TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

NOVEMBER 1979

DISTRICT, REGION/COUNTY AND PLACE	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 - 39 M	40 - 190 M	200 - 390 M	400 - 990 M	1000 - 1900 M	2000 - 3900 M	4 - 9 KM	10 - 19 KM	20 - 39 KM	40 KM AND OVER	BEAUFORT FORCE																						
									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										
																																						SPEED (KT)									
NUMBER OF OBSERVATIONS																																															
5 ENGLAND SE & CENT. S. -CONTO.																																															
KENT																																															
DUNGENESS 7 3 1014.3 - - - - 4.5 8 5 2 1 12 2 1 0 1 0 0 0 1 5 8 14 0 0 0 2 12 13 3 1 0 0 0 1 2 4 13 6																																															
9 1015.2 - - 7.5 - 0.7 9.5 90 6.0 2 1 6 6 13 2 0 0 1 0 2 0 0 10 7 10 0 0 0 3 15 11 1 2 0 0 0 1 3 7 12 5																																															
15 1014.2 - - - - 6.4 0 3 4 12 11 0 0 0 0 0 0 0 0 0 0 4 2 6 18 0 0 0 5 14 10 1 2 0 0 0 1 3 5 17 1																																															
21 1014.6 - - - - 4.7 4 5 7 4 10 0 0 0 0 0 0 0 0 0 0 4 2 6 18 0 0 0 5 12 12 1 4 0 0 0 1 3 4 16 4																																															
MANSTON 45 3 1014.0 - - 6.8 0.6 9.1 91 5.4 1 6 5 9 9 0 0 0 0 1 3 0 4 15 6 1 0 0 13 17 0 2 1 0 0 1 2 12 8 4																																															
9 1014.8 - - 6.8 0.5 9.3 92 6.0 0 5 1 16 7 1 0 0 1 1 0 1 1 11 7 8 0 0 0 13 16 0 2 0 0 0 1 7 10 7 3																																															
15 1013.8 - - 9.1 1.1 10.1 86 6.1 0 6 1 13 10 0 0 0 0 1 0 2 11 5 9 2 0 0 0 15 15 0 1 0 0 0 1 6 8 10 4																																															
21 1014.2 - - 7.1 0.6 9.4 91 5.4 1 6 5 5 13 0 0 0 0 0 0 1 11 6 10 1 0 0 1 11 18 0 4 0 0 0 1 4 13 5 3																																															
HAMPSHIRE																																															
SOUTHAMPTON 9 3 1015.1 - - 7.2 0.7 9.4 90 4.5 8 4 3 3 11 1 0 0 1 0 0 0 4 3 11 10 1 0 0 0 1 28 1 1 2 0 1 2 6 13 4																																															
WEATHER CENTRE (X) 9 1015.7 - - 7.8 0.8 9.6 88 5.8 0 7 2 9 11 1 0 0 0 1 2 0 0 1 10 6 8 2 0 0 0 6 21 3 2 1 0 1 3 5 15 0																																															
15 1014.6 - - 10.7 1.8 10.1 77 6.5 0 4 1 13 12 0 0 0 0 0 0 0 1 5 6 14 2 0 0 0 5 25 0 2 0 1 1 3 5 17 1																																															
21 1015.1 - - 8.7 1.1 9.8 86 5.2 3 6 3 10 8 0 0 0 0 0 0 0 5 4 11 9 1 0 0 0 4 26 0 3 0 0 2 3 5 15 2																																															
WEST SUSSEX																																															
GATWICK 60 3 1014.8 - - 4.9 0.4 8.5 94 4.9 5 6 2 4 12 1 0 2 1 1 0 5 11 3 7 0 0 0 5 17 8 1 0 1 0 2 9 8 1																																															
9 1015.4 + 1.5 6.1 0.6 9.0 92 6.2 0 4 4 9 11 2 0 2 0 3 0 3 7 5 9 1 0 0 0 5 18 4 1 1 0 0 2 9 8 2																																															
15 1014.3 - - 9.5 1.5 9.7 80 6.4 0 1 5 15 9 0 0 0 0 1 0 1 8 6 9 5 0 0 0 11 18 1 3 0 0 0 1 2 11 10 0																																															
21 1014.8 - - 6.3 0.6 8.9 91 5.4 2 6 3 7 12 0 0 1 0 2 2 4 8 5 8 0 0 0 12 12 6 0 0 0 0 1 2 13 6 2																																															
EAST SUSSEX																																															
HERSTHONCEUX 28 3 1014.9 - - 5.8 0.4 8.9 94 4.5 5 6 4 5 10 0 0 1 1 1 3 8 8 7 0 0 0 1 8 18 3 4 0 0 0 3 7 8 5																																															
9 1015.6 - - 6.6 0.5 9.3 93 6.0 0 4 4 14 7 1 0 1 3 0 0 1 7 5 11 3 0 0 3 6 17 4 2 2 0 0 1 6 15 1																																															
15 1014.6 - - 9.6 1.2 10.2 84 5.9 0 5 5 12 8 0 0 0 0 0 0 1 9 7 6 7 0 0 2 9 18 1 2 1 0 0 1 10 13 1																																															
21 1015.1 - - 7.1 0.7 9.4 91 5.3 3 4 5 7 11 0 0 0 0 0 0 4 8 9 7 0 0 0 4 8 12 6 4 0 1 0 2 7 9 1																																															
7A ENGLAND NW & I.O.M. -CUMBRIA																																															
CARLISLE 28 3 1009.0 - - 5.4 0.7 8.4 90 5.5 2 4 6 7 11 0 0 0 0 1 0 0 2 5 8 14 0 0 0 2 9 19 0 4 0 0 2 3 5 9 7																																															
9 1009.1 - 2.3 5.8 0.8 8.4 89 6.1 0 4 4 11 11 0 0 0 0 0 0 1 0 5 10 12 2 0 0 0 8 22 0 0 1 5 6 7 9 2																																															
15 1008.0 - - 8.2 1.3 9.0 82 6.0 0 4 5 14 7 0 0 0 0 0 0 1 5 9 12 3 0 0 2 14 14 0 3 2 0 3 1 8 9 4																																															
21 1009.2 - - 6.2 0.8 8.7 89 5.8 1 5 4 7 13 0 0 0 0 0 0 1 0 2 10 4 12 1 0 0 0 10 19 1 1 3 1 2 1 9 12 0																																															
LANCASHIRE																																															
AUGHTON 56 3 1011.1 - - 6.6 1.0 8.5 86 5.6 2 1 10 6 10 1 0 1 1 0 1 1 3 4 19 0 0 0 0 8 20 2 2 0 0 6 4 5 7																																															
9 1011.2 - - 6.6 1.1 8.4 85 6.5 0 1 5 16 6 2 0 2 0 0 1 2 4 7 12 2 0 0 2 9 17 2 2 0 0 3 0 8 6 3																																															
15 1010.2 - - 8.4 1.5 8.9 80 6.3 0 2 6 12 9 1 0 1 0 1 0 1 7 6 12 2 0 0 2 10 18 0 2 0 1 4 5 5 8																																															
21 1011.2 - - 7.2 1.1 8.7 84 6.1 1 3 4 10 11 1 0 1 1 0 0 0 3 8 16 1 0 0 0 14 13 3 3 0 0 4 2 5 8																																															
SQUIRES GATE 11 3 1010.8 - - 6.7 1.0 8.5 86 5.8 2 1 7 10 9 1 0 1 1 0 0 3 5 4 14 2 0 0 4 18 8 0 4 0 2 4 3 5 10																																															
9 1010.9 - 0.9 7.0 1.0 8.8 86 6.4 0 2 4 17 7 0 0 1 0 0 0 2 5 8 13 1 0 0 3 15 12 0 2 1 0 5 7 5 7																																															
15 1010.0 - - 8.5 1.4 9.1 81 6.2 0 2 7 14 6 1 0 1 0 0 1 0 5 9 10 4 0 0 1 20 9 0 4 1 2 2 4 8 7																																															
21 1011.0 - - 7.5 1.1 8.9 84 5.7 2 5 3 7 12 1 0 1 0 1 0 1 0 6 11 9 1 0 0 2 17 9 2 4 1 0 5 6 9																																															
GREATER MANCHESTER																																															
MANCHESTER 42 3 1011.4 - - 6.3 1.2 8.0 82 6.2 2 2 2 12 10 2 0 2 0 0 0 4 8 11 5 0 0 0 0 3 27 0 4 1 1 2 6 3																																															
9 1011.5 - - 6.5 1.3 8.0 81 6.3 0 2 6 12 10 0 0 0 0 2 0 0 3 12 9 4 0 0 0 0 7 22 1 3 0 0 3 14 3 5																																															
WEATHER CENTRE (X) 15 1010.6 - - 8.6 2.0 8.3 73 6.3 1 0 6 15 8 0 0 0 1 0 0 4 5 12 6 2 0 0 0 9 21 0 4 0 1 2 8 7 5																																															
21 1011.5 - - 7.6 1.6 8.2 78 6.0 1 5 2 11 10 1 0 1 0 0 0 2 12 11 4 0 0 0 0 5 25 0 5 3 0 1 5 10 4																																															
RINGWAY 84 3 1011.7 - - 5.7 0.8 8.3 89 6.0 1 5 3 7 11 3 0 2 1 0 3 4 5 15 0 0 0 1 11 17 1 1 0 0 2 12 7 5																																															
9 1011.8 - 0.5 5.9 0.9 8.2 87 5.8 0 5 4 14 7 0 0 1 0 1 0 1 6 11 10 0 0 0 1 10 17 2 0 1 0 1 2 10 5 6																																															
15 1010.8 - - 8.3 1.6 8.7 79 6.2 0 2 6 15 6 1 0 1 0 0 0 2 9 6 11 1 0 0 0 13 17 0 1 0 1 2 10 5 6																																															
21 1011.7 - - 6.7 1.1 8.5 85 6.0 2 3 3 11 10 1 0 2 0 0 0 3 6 7 11 1 0 0 0 7 20 3 0 0 0 2 10 7 4																																															
ISLE OF MAN																																															
POINT OF AYRE 9 3 1009.6 - - 8.1 1.3 9.0 81 5.6 1 5 6 5 13 0 0 0 0 0 0 0 0 7 3 20 1 5 19 4 1 3 1 0 2 5 13																																															
9 1009.5 - 1.3 8.4 1.3 9.2 82 6.5 0 2 4 12 12 0 0 0 0 0 0 0 0 1 7 13 9 0 7 15 7 1 3 0 1 2 6 9 7																																															
15 1008.9 - - 10.0 1.8 9.5 76 6.4 0 1 6 14 9 0 0 0 0 0 0 0 0 1 8 12 9 1 6 17 6 0 5 0 1 1 4 7 11																																															
21 1009.9 - - 8.6 1.3 9.4 82 5.8 1 3 9 3 14 0 0 0 0 0 0 0 0 1 7 3 19 0 6 18 5 1 3 2 1 1 4 5 11																																															
RONALDSWAY 21 3 1009.9 - - 7.6 1.1 9.0 84 5.9 2 3 4 8 13 0 0 0 0 0 0 0 5 8 6 11 1 4 15 10 0 5 0 1 1 7 3 13																																															
9 1010.0 - 1.3 8.0 1.1 9.3 85 6.3 0 2 4 17 7 0 0 0 0 0 1 5 6 9 8 0 5 17 7 1 3 0 3 0 7 5 10																																															
15 1009.3 - - 9.3 1.5 9.5 80 6.0 0 4 4 13 9 0 0 0 0 0 0 0 4 8 8 10 0 6 17 7 0 4 0 1 0 9 5 9																																															
21 1010.5 - - 7.7 1.0 9.2 85 5.9 0 6 3 9 12 0 0 0 0 0 0 1 3 9 7 10 0 5 17 8 0 6 0 0 1 5 5 12																																															
7B WALES N -GWYNEDD																																															
BARDSEY ISLAND 19 3 1012.0 - - 9.8 1.3 10.2 83 5.5 3 2 7 4 14 0 0 0 0 0 0 1 0 2 17 9 1 1 7 14 8 0 4 0 0 1 0 6 5 13																																															
9 1012.0 - - 10.0 1.2 10.5 84 6.6 0 0 8 7 15 0 0 0 0 0 0 0 1 2 16 10 2 2 14 11 2 1 4 0 0 1 5 6 10																																															
15 1011.2 - - 10.7 1.3 10.8 83 6.8 0 0 6 11 13 0 0 0 0 0 0 0 0 2 18 9 1 1 10 12 7 0 7 0 0 1 5 5 11																																															
21 1012.2 - - 10.1 1.2 10.5 84 5.0 6 0 8 5 11 0 0 0 0 0 0 0 0 0 0 0 1 5 15 4 1 9 14 6 0 3 1 0 2 6 5 10																																															
VALLEY 11 3 1011.2 - - 8.3 1.3 9.2 82 6.2 0 2 10 3 15 0 0 0 0 0 0 1 5 5 15 4 1 9 14 6 0 3 0 0 2 6 6 8																																															
9 1011.2 - 0.4 8.9 1.3 9.6 82 6.3 0 4 3 12 11 0 0 0 0 0 0 2 7 3 11 7 1 8 16 5 0 3 0 0 0 8 5 9																																															
15 1010.4 - - 10.0 1.6 10.0 79 6.0 0 2 8 10 10 0 0 0 0 0 0 2 3 7 9 9 1 11 14 4 0 2 1 3 2 4 5 9																																															
21 1011.6 - - 8.5 1.2 9.5 83 5.6 1 3 8 6 12 0 0 0 0 0 0 1 2 11 11 5 0 9 15 6 0 2 1 3 2 4 5 9																																															
8A WALES S -DYFED																																															
ABERPORTH 134 3 1013.0 - - 8.2 1.1 9.4 84 5.2 3 4 7 6 10 0 0 0 0 0 0 1 1 3 9 8 6 1 8 17 4 0 3 0 0 0 8 5 10																																															
9 1013.4 + 0.9 9.1 1.2 9.2 85 6.6 0 0 3 2 13 12 0 0 0 0 0 0 2 4 12 7 5 0 11 16 3 0 5 0 0 0 9 5 8																																															
15 1012.3 8.3 1.5 9.5 80 6.5 0 3 2 15 10 0 0 0 0 0 0 0 5 9 9 5 0 7 18 5 0 1 1 1 1 8 4 8																																															
21 1013.4 8.4 1.1 9.4 84 5.2 2 4 10 4 9 1 0 0 1 0 0 1 0 5 9 9 5 0 7 18 5 0 1 1 1 1 8 4 8																																															
BRAWDY 116 3 1014.0 - - 8.0 1.0 9.4 85 5.6 2 0 12 4 12 0 0 0 2 1 1 1 4 3 11 7 0 4 13 13 0 1 1 0 2 5 5 8																																															
9 1014.2 - - 8.3 0.9 9.8 87 6.8 0 1 4 12 13 0 0 0 2 0 1 0 1 4 6 12 4 0 4 15 11 0 3 1 1 1 4 8 8																																															
15 1013.2 - - 9.7 1.3 10.0 82 6.7 0 1 3 15 11 0 0 0 1 2 0 0 4 9 10 4 0 3 18 9 0 3 1 1 1 4 8 8																																															
21 1014.2 - - 8.5 1.0 9.8 86 5.7 1 4 6 6 13 0 0 0 1 0 0 2 0 4 4 13 6 0 0 21 9 0 1 0 2 2 3 5 9																																															
BRYNAMHAN 9 - - 6.3 0.6 9.0 91 5.7 0 7 4 6 12 1 0 1 0 0 3 3 10 7 6 0 0 0 5 19 6 0 1 1 0 0 1 6 11																																															
15 - - 9.1 1.3 9.7 83 6.6 0 3 2 12 12 1 0 1 0 0 2 2 11 5 8 0 0 0 2 21 7 0 4 0 0 2 1 12																																															
21 - - 6.8 0.7 9.1 90 5.7 1 6 2 8 11 2 1 0 0 0 2 2 11 5 8 0 0 0 2 21 7 0 4 0 0 2 1 12																																															
MILFORD HAVEN 39 3 1013.9 - - 9.2 0.8 10.6 89 4.9 4 3 9 3 11 0 0 0 0 0 0 6 14 10 0 0 2 14 14 0 1 1 3 1 4 2 11																																															
9 1014.1 + 1.5 9.4 0.9 10.6 88 6.0 0 2 11 5 12 0 0 0 0 0 0 1 13 5 11 0 0 2 16 9 3 1 1 1 2 4 7																																															
C.B. 15 1013.0 - - 10.6 1.1 11.1 86 6.5 0 0 8 11 11 0 0 0 0 0 0 1 10 10 9 0 0 4 16 10 0 3 1 1 2 4 6 9																																															
21 1014.0 - - 9.6 0.8 10.8 89 4.6 6 2 9 1 12 0 0 0 0 0 0 0 6 14 10 0 0 3 17 9 1 2 1 1 1 3 6 8																																															
WEST GLAMORGAN																																															
MUMFLES HEAD 37 3 1014.0 - - 8.2 0.7 10.0 90 5.2 3 3 8 4 10 2 0 0 0 0 2 1 1 3 5 10 8 0 4 8 16 2 3 3 2 0 4 12																																															
9 1014.4 - - 8.6 0.8 10.2 89 6.0 0 2 11 4 12 1 0 0 0 0 1 3 3 9 9 2 0 3 14 13 0 4 2 2 0 2 7 8																																															
15 1013.5 - - 10.0 1.2 10.6 85 6.3 1 1 6 9 13 0 0 0 0 0 1 4 10 4 8 2 0 4 14 10 2 0 1 2 2 3 5 12																																															
21 1014.3 - - 8.9 0.9 10.2 88 5.5 3 4 5 4 13 1 0 0 0 2 0 0 1 3 6 12 6 0 3 13 13 1 4 0 1 3 2 15																																															



TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

NOVEMBER 1979

DISTRICT, REGION/COUNTY AND PLACE	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 - 39 M	40 - 190 M	200 - 390 M	400 - 990 M	1000 - 1900 M	2000 - 3900 M	4 - 9 KM	10 - 19 KM	20 - 39 KM	40 KM AND OVER	BEAUFORT FORCE						N	NE	E	SE	S	SW	W	NW
										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																																							
BA WALES S -CONTO. SOUTH GLANOROGAN																																							
RHODDE	69	3	1014.4	-	6.6	0.5	9.3	92	4.5	3	8	4	5	9	1	0	0	0	1	0	3	6	6	14	0	0	1	9	18	2	1	3	1	0	4	4	10	5	
		9	1014.9	+ 1.4	7.4	0.7	9.5	90	5.9	0	0	7	7	12	0	0	0	1	1	0	1	8	9	8	7	3	0	0	14	14	0	1	3	3	2	7	8	4	
		15	1013.8	-	9.3	1.2	9.9	83	6.5	0	2	5	10	13	0	0	0	0	1	1	2	3	13	7	3	0	2	2	15	13	0	2	2	3	1	2	5	11	4
		21	1014.5	-	7.4	0.8	9.4	88	4.6	2	10	3	7	7	1	0	0	1	0	0	0	1	12	11	3	0	3	10	17	0	2	4	0	2	1	4	9	8	
BB ENGLAND SM RYON																																							
FILTON	61	3	1014.3	-	6.5	0.6	9.1	90	4.8	5	3	7	6	8	1	0	1	0	1	1	5	11	10	0	0	0	0	14	13	3	1	0	0	1	6	7	10	2	
		9	1014.9	+ 1.4	7.2	0.7	9.5	90	5.8	1	6	1	13	8	1	0	2	0	1	0	4	2	9	12	0	0	0	8	20	2	1	0	2	1	6	8	9	1	
		15	1013.8	-	9.5	1.3	10.0	82	6.6	1	1	3	15	10	0	0	0	0	1	0	4	0	11	9	4	0	2	14	14	0	2	0	1	2	3	7	12	3	
		21	1014.5	-	7.6	0.8	9.5	88	4.9	4	7	1	9	8	1	0	1	0	1	0	1	9	11	7	1	0	1	11	15	3	1	0	2	1	2	5	14	2	
SOMERSET																																							
EXTON	-	9	-	-	5.9	0.3	9.1	94	6.3	0	4	4	7	11	4	0	3	1	0	1	11	6	6	1	0	0	9	17	4	3	1	0	0	4	6	8	4		
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
		21	-	-	5.9	0.5	8.9	93	4.6	3	10	0	7	9	1	0	0	1	0	0	7	5	10	7	0	0	8	21	1	7	0	0	0	4	4	10	4		
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
YEOVILTON	23	3	1014.9	-	6.4	0.6	9.2	92	5.0	5	3	6	5	10	1	0	1	2	0	0	10	13	4	0	0	0	6	17	7	0	0	1	2	5	7	8	0		
		9	1015.3	-	7.0	0.7	9.4	90	6.3	0	2	5	11	11	1	0	1	0	1	2	1	10	15	5	0	0	1	7	14	8	0	0	1	1	6	7	6	1	
		15	1014.3	-	10.1	1.5	10.2	81	6.6	1	0	4	14	10	1	0	1	0	0	2	7	13	7	0	0	3	11	15	1	2	0	1	0	7	15	3	1		
		21	1014.9	-	7.9	0.9	9.5	87	5.0	2	5	9	6	8	0	0	0	0	0	9	15	5	0	0	0	0	11	16	3	0	1	0	3	3	9	8	3		
DORSET																																							
HURN	11	3	1015.2	-	5.9	0.5	9.0	93	4.9	6	3	5	4	11	1	0	0	1	2	4	9	11	0	0	0	0	7	18	5	2	0	0	2	2	5	11	3		
		9	1015.8	-	6.5	0.6	9.3	91	5.4	1	5	6	7	10	1	0	1	1	2	1	4	6	3	12	0	0	0	9	15	6	3	0	1	0	3	7	8	2	
		15	1014.8	-	10.3	1.5	10.3	81	6.2	1	2	4	10	13	0	0	0	0	0	1	10	8	9	2	0	1	13	16	0	2	0	0	1	4	11	11	1		
		21	1015.3	-	7.3	0.8	9.4	89	4.5	6	3	6	8	7	0	0	0	1	0	1	2	9	2	15	0	0	1	11	15	3	2	0	0	1	4	10	6	4	
PORTLAND BILL.C.O.	54	3	1015.2	-	9.5	0.8	10.7	89	4.2	7	5	4	10	0	0	0	0	0	3	6	11	10	0	2	8	13	7	0	3	1	1	0	3	5	9	8			
		9	1015.9	-	9.7	0.7	11.0	90	5.6	0	5	8	4	13	0	1	0	0	1	2	9	7	10	0	1	8	13	7	1	1	1	1	2	9	11	3			
		15	1014.9	-	10.6	1.1	11.1	86	6.2	0	4	8	14	0	0	0	0	0	2	2	11	8	7	0	3	11	8	7	1	3	0	0	1	3	6	11	5		
		21	1015.2	-	10.0	0.9	11.0	89	4.8	2	8	3	9	8	0	0	0	0	0	1	1	7	8	12	1	1	11	12	6	0	3	2	0	1	5	2	14	3	
DEVON																																							
EXETER	38	3	1015.5	-	6.9	0.6	9.4	91	4.8	5	5	4	6	9	1	0	1	1	1	0	4	8	12	2	0	1	7	18	4	4	1	2	1	8	1	8	1		
		9	1016.0	+ 2.2	7.3	0.7	9.5	89	5.9	0	5	4	10	10	1	0	1	1	1	1	3	9	7	6	0	1	7	19	3	1	2	2	2	8	3	4	5		
		15	1014.8	-	10.2	1.5	10.3	81	5.7	0	5	4	15	6	0	0	1	0	0	0	3	11	11	4	0	2	15	12	1	2	0	1	2	8	6	7	3		
		21	1015.5	-	7.9	0.8	9.8	89	4.6	6	6	2	8	7	1	0	0	1	0	0	0	3	12	13	1	0	2	6	20	2	1	2	1	3	9	5	8	1	
HARTLAND POINT	93	3	1014.6	-	9.4	1.6	9.5	78	5.2	1	4	10	6	9	0	0	0	1	0	1	0	9	4	15	1	9	12	7	1	3	0	0	1	4	8	9			
		9	1014.9	-	9.3	1.5	9.6	80	6.2	1	0	9	9	11	0	0	0	0	0	4	10	6	10	1	9	14	6	0	2	0	0	2	5	14	5				
		15	1013.9	-	10.1	1.6	9.9	79	6.2	1	1	4	15	9	0	0	1	0	3	0	11	5	10	2	9	10	7	2	2	0	0	1	2	3	14	6			
		21	1014.8	-	9.7	1.6	9.7	79	5.3	2	5	6	6	11	0	0	0	1	0	0	2	9	8	10	2	12	8	8	0	4	0	2	2	3	2	11	6		
MOUNT BATTEN	28	3	1016.1	-	8.2	0.9	9.8	87	5.0	3	7	3	7	10	0	0	0	0	2	7	8	13	0	0	4	10	12	4	0	2	3	0	2	5	10	4			
		9	1016.6	+ 2.8	8.5	1.0	9.9	86	6.1	0	3	6	10	11	0	0	0	1	1	3	6	8	9	2	0	3	10	15	2	2	1	5	0	3	5	9	3		
		15	1015.5	-	10.8	1.5	10.6	81	6.2	0	4	5	9	12	0	0	0	0	1	2	9	7	8	3	0	5	15	10	0	1	0	1	2	4	15	3			
		21	1016.2	-	8.9	1.0	10.1	87	5.1	2	7	3	7	11	0	0	0	0	0	1	9	10	9	1	0	2	13	15	0	2	1	4	2	2	5	8	6		
PRAWLE POINT	-	3	-	-	-	-	-	-	4.1	4	9	7	1	9	0	0	0	0	0	6	5	19	0	5	7	12	6	0	2	3	0	0	1	3	14	7			
		9	-	-	-	-	-	-	-	5.8	0	4	8	7	11	0	0	0	0	2	4	8	15	0	3	9	12	6	0	1	2	1	1	1	20	3			
		15	-	-	-	-	-	-	-	6.3	0	2	7	8	12	1	0	0	0	1	8	10	10	0	4	10	9	7	0	0	2	2	0	2	3	16	5		
		21	-	-	-	-	-	-	-	4.8	2	7	6	5	10	0	0	0	0	0	5	10	15	0	5	7	12	6	0	3	0	2	0	3	1	16	5		
CORNWALL																																							
CAMBORNE	88	3	1016.2	-	8.9	1.3	9.6	82	5.4	2	3	8	6	10	1	0	1	0	0	2	4	5	14	4	0	3	12	15	0	1	1	1	6	8	7	5			
		9	1016.5	-	9.1	1.3	9.8	83	6.0	1	3	5	13	8	0	0	0	1	1	1	6	8	9	4	0	2	14	14	0	2	0	1	4	5	9	4			
		15	1015.4	-	10.4	1.5	10.3	80	6.6	1	0	4	12	13	0	0	0	0	1	0	6	11	8	4	0	2	22	5	1	3	0	0	1	5	8	4			
		21	1016.5	-	9.3	1.3	9.8	81	5.6	3	1	6	10	10	0	0	0	0	0	3	6	4	16	1	0	2	17	10	1	2	0	2	0	5	5	6	9		
CULDROSE	84	3	1016.5	-	8.4	0.8	10.1	89	5.3	1	4	9	5	10	1	0	0	1	0	7	9	11	2	0	1	12	15	2	1	2	1	0	2	6	7	9			
		9	1016.8	-	8.9	0.9	10.2	87	5.8	1	1	9	8	10	1	0	0	0	3	8	9	8	1	0	0	16	12	2	2	2	3	0	4	6	6	5			
		15	1015.7	-	10.5	1.2	10.8	84	6.4	0	2	7	7	14	0	0	0	1	1	4	7	6	10	1	0	21	9	0	1	1	2	0	3	8	10	5			
		21	1016.8	-	8.9	0.9	10.3	88	4.8	0	9	7	5	9	0	0	0	0	0	2	6	8	14	0	0	0	13	17	0	0	2	2	0	2	6	8	10		
QWENRAP HEAD	70	3	1016.4	-	10.2	1.4	10.5	82	5.1	5																													



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

NOVEMBER 1979

TABLE 5. NUMBER OF DAYS WITH MAXIMUM AND MINIMUM TEMPERATURES BETWEEN GIVEN LIMITS																																			
STATION	MAXIMUM °C							MINIMUM °C							STATION	MAXIMUM °C							MINIMUM °C												
	0.0 OR LESS	0.1 TO 5.0	5.1 TO 10.0	10.1 TO 15.0	15.1 TO 20.0	20.1 TO 25.0	25.1 TO 30.0	ABOVE 30.0	-15.0 OR LESS	-14.9 TO -10.0	-9.9 TO -5.0	-4.9 TO 0.0	0.1 TO 5.0	5.1 TO 10.0		10.1 TO 15.0	ABOVE 15.0	0.0 OR LESS	0.1 TO 5.0	5.1 TO 10.0	10.1 TO 15.0	15.1 TO 20.0	20.1 TO 25.0	25.1 TO 30.0	ABOVE 30.0	-15.0 OR LESS	-14.9 TO -10.0	-9.9 TO -5.0	-4.9 TO 0.0	0.1 TO 5.0	5.1 TO 10.0	10.1 TO 15.0	ABOVE 15.0		
LERWICK (PSYCHROMETER)	0	10	17	3	0	0	0	0	0	0	0	5	18	7	0	0	CAMBRIDGE BOTANIC GARDENS	0	2	12	14	2	0	0	0	0	0	1	8	12	9	0	0	0	
LERWICK (SCREEN)	0	9	18	3	0	0	0	0	0	0	0	3	20	7	0	0	EDOBASTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
STORNOWAY	0	3	20	7	0	0	0	0	0	0	0	6	16	7	1	0	KEM (PSYCHROMETER)	0	1	13	15	1	0	0	0	0	0	0	9	10	8	3	0	0	
CRAIBSTONE	0	7	13	9	1	0	0	0	0	0	0	5	21	3	1	0	KEM (NORTH-WALL SCREEN)	0	1	14	14	1	0	0	0	0	0	0	0	1	16	10	3	0	0
ROTHESAY	0	4	16	8	2	0	0	0	0	0	0	4	18	6	2	0	HASTINGS	0	0	12	18	0	0	0	0	0	0	0	2	13	13	2	0	0	
ABBOTSINCH	0	5	16	8	1	0	0	0	0	0	0	3	10	9	4	4	SOUTHAMPTON	0	0	9	21	0	0	0	0	0	0	0	4	15	9	2	0	0	
ESKDALEMUIR (PSYCHROMETER)	0	9	17	4	0	0	0	0	0	0	0	3	8	12	7	0	RINDWAY	0	4	13	12	1	0	0	0	0	0	0	5	12	11	2	0	0	
ESKDALEMUIR (SCREEN)	0	9	16	5	0	0	0	0	0	0	0	3	8	12	7	0	VALLEY	0	0	9	21	0	0	0	0	0	0	0	1	7	17	5	0	0	
DOUGLAS	0	0	18	12	0	0	0	0	0	0	0	0	1	13	14	2	RHOOSE	0	0	14	16	0	0	0	0	0	0	0	2	13	11	4	0	0	
BOULMER	0	2	15	12	1	0	0	0	0	0	0	0	4	17	7	2	FALMOUTH	0	0	8	22	0	0	0	0	0	0	0	0	1	10	12	7	0	0
HULL	0	1	15	13	1	0	0	0	0	0	0	0	5	14	11	0	ALDEROROVE	0	2	18	9	1	0	0	0	0	0	0	5	14	7	4	0	0	
DOORLESTON	0	1	14	15	0	0	0	0	0	0	0	2	20	7	1	0	ARMADON	0	2	16	10	2	0	0	0	0	0	0	7	13	8	2	0	0	

TABLE 6 SUMMARY OF AUTOGRAPHIC RECORDS OF WIND

NOVEMBER 1979

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	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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
				DATES OF OCCURRENCE	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	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

DISTRICT REGION/COUNTY AND PLACE		HEIGHT OF VANE IN METRES		DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED										HIGHEST VALUES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
		ABOVE 15L	ABOVE 1000	34 KT OR MORE (GALE FORCE)					22-33 KT		11-21	4-10	LESS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
				EFFECTIVE	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	HOURS OF NO RECORD	MEAN HOURLY WIND SPEED (KT)	VEER FROM N	SPEED-KT	DAY	VEER FROM N			SPEED-KT	DAY	TIME																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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TABLE 3 ADDITIONS AND CORRECTIONS

YEAR MONTH STATION			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 6-8)	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	MOST IN A DAY		PRECIPITATION	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	DEW MIN. BELOW 0 DEG C	WINDY 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
1979	JAN	COVENTRY AIRPORT	6.5	4.0														8														
	MAR	HAMPTON LODGE																														
	JUN	ACHNASHELLACH																														
		DUNBAR																														
		GIRVAN																														
		CALLANDER																														
		NEWTON STEWART	17.4	8.4	12.9	-0.1	25.0	3	3.0	10			59 (26)	63 (37)	(9)	12	17	14	6	0	0	0	0	0	0	0	0	2		7.16	108	
		CHOPWELLWOOD																														
		WASHINGTON	17.2	9.5	13.3		24.5	20	6.5	12	13.9	11.7	37		10	13	10	9	0	0	0	0	0	0	0	0	0	0		5.97		
		SKEGNESS																														
		GORLESTON																														
		MONKS WOOD	18.8	8.9	13.9		25.8	19	3.9	26	15.3		30	70	7	24	10	8	0	0	0	0	0	1	0	0	0		4.99			
		LUTON																														
		HALSTEAD		10.0	14.7				6.4	27																						
		WIXOE																														
		WRITTLE																														
		WESTON PARK														14																
		BUXTON																														
		ORKEN																														
		STONE		9.0	13.3	-0.6																										
		OWESTRY																														
		SHREWSBURY																														
		STRATFORD-UPON-AVON																														
		PRESTON WYNNIE		8.4	13.5	-0.7																										
		MEDMENHAM																														
		HAMPSTEAD																														
		HAMPTON	-	-	-	-	-	-	-	-																						
		GILLINGHAM											62	138																		
		HERNE BAY																														
		MARGATE	17.6																													
		LONG SUTTON																														
		SPARSHOLT		9.5																												
		WESTERHATE	17.8		13.9																											
		HELMESHORE																														
		ST HELENS																														
		BARSEY ISLAND	14.7		12.4		21.6	19																								
		BETWS-Y-COED								6 7 0																						
		BOTWNOG	16.5		13.0																											
		RUTHIN	17.7		13.4																											
		ORIELTON	16.8	9.3	13.1		22.0	19	5.5	27	14.8		24	38	7	23	12	6	0	0	0	0	0	2	0	0	0					
		SKOKHOLM ISLAND																														
		LLANGENNY		9.1	13.7																											
		USK	19.3	8.9	14.1	-0.6	25.8	19	2.3	1	16.2		28	45	13	13	10	5	0	0	0	0	0		0	1	0		5.00	80		
		BATH							6.5																							
		CREWKERNE	17.6		13.8																											
		NETTLECOMBE																														
		(BIRDS HILL)																														
		DORSET TECH COLLEGE	17.8		13.7																											
		EXMOUTH	17.0	10.6	13.8	-0.5	21.0	28	5.5	1			31	77	9	12	14	9	0	0	0	0	0	0	0	0	0		5.80	79		
		HEMYOCK																														
		DELABOLE																														
		GWENNAP HEAD	14.9		13.1																											
		PENZANCE																														
		ST AUSTELL (BETHEL)																														
		CARMONEY		8.7																												
		GARVAGH FOREST							3.2																							
		BALLYPATRICK FOREST							1.8																							
		SILENT VALLEY		8.7																												

(X) URBAN ROOFTOP SITE



# MONTHLY WEATHER REPORT

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

**DECEMBER 1979**

VOLUME 96

19 NUMBER 12

## Wet and windy; mild first half of month.

Until just after mid-month a series of depressions and their associated frontal systems affected the British Isles. On the 1st a deep depression moved north-eastwards across Iceland with fronts crossing all parts of the United Kingdom during the next few days. On the 4th a deep depression passed near to north-west Scotland, moving from mid-Atlantic to northern Scandinavia. During the 6th and 7th a shallow depression moved northwards over western Ireland followed on the 8th and 9th by another depression which approached western Scotland and then turned northwards towards Iceland. During the 10th and 11th a depression crossed central England from the west followed on the 12th by a further deep depression which moved north-eastwards near to north-west Scotland before turning northwards. Between the 13th and 15th two low-pressure centres moved north-eastwards across England followed by the last of the series of depressions which crossed Scotland from the west on the 17th.

For a few days from the 18th the British Isles came within the circulation of an anticyclone centred to the south-west and on the 21st and 22nd, while this centre of high pressure receded towards the Azores, a declining ridge from another anticyclone over northern Europe remained over the United Kingdom. However, from the 23rd until the end of the month low-pressure systems and their associated fronts once again affected the British Isles.

### Weather

Unsettled weather, with winds often reaching gale force, affected all parts of the United Kingdom throughout the month. The first two weeks were generally mild, but colder weather then spread to all districts. Showers or periods of rain occurred frequently, showers being mostly of rain early in the month but later becoming wintry with hail, sleet or snow at times, particularly after mid-month. Rainfall was occasionally heavy and there was widespread flooding in south-west England and South Wales during the last week.

### Wind

Except for a few days around the end of the first week and again during the early part of the third week, winds were fresh or strong in all areas with severe gales at times. On the 4th, during widespread gales over Scotland, north-west England and North Wales, a gust of 96 kt was recorded at the Royal Observatory in Edinburgh. There were severe gales in the southern half of Britain on the 11th, and on the 15th exceptionally severe gales occurred over south-west England where a gust of 103 kt was recorded at Gwennap Head; at least 1000 trees were reported to have been blown down in Cornwall and shipping in the Channel was seriously affected. Most areas away from the south-east had severe gales on the 17th; two women died in accidents caused by the gale in Strathclyde and several people were rescued from ships in distress around the coasts; at Droitwich (Hereford and Worcester) a BBC radio transmitter mast collapsed in the high winds. On the 27th gales and flooding following heavy rain led to a number of deaths in southern England and South Wales.

The wind direction during the month was most frequently between south-west and north-west, although at times east or south-easterly winds affected

northern areas, particularly as depressions crossed the British Isles. On the 19th and 20th winds were northerly over all areas and during the next two days north to north-easterly winds continued to blow over southern areas.

### Temperature

Over England, Wales and much of southern and eastern Scotland monthly mean temperatures were above average, with values in many parts of England and Wales exceeding the average by between 1 and 2 °C. Elsewhere in Scotland and over most of Northern Ireland mean temperatures were a little below average.

The first half of the month was generally mild and during the first week maxima of at least 16 °C were recorded at several places in Gwent and south-west England. The second half of the month was colder with widespread night frost at times, particularly between the 22nd and 25th and again in northern districts during the last few days of the month, the temperature falling to -10.7 °C on the night of 29th/30th at Lagganlia (Highland Region).

### Rainfall

Monthly rainfall totals were well above average almost everywhere in the United Kingdom, with more than twice the average being recorded in many parts of England and Wales. Only at a few isolated places in the Isle of Wight, Northern Ireland, the Highland Region of Scotland and the Shetlands were totals a little below average.

Showers or longer periods of rain affected all areas at times throughout the month and scattered thunderstorms were reported during the first three weeks. Rainfall was occasionally heavy, particularly on the 4th and 8th over parts of Wales and north-west England and also on the 7th over southern, central and eastern Scotland. On the 26th and 27th rainfall was very heavy over much of England, Wales and southern Scotland leading to extensive flooding, particularly in parts of south-west England and South Wales. At Venford Reservoir on Dartmoor 223.4 mm of rain was recorded in the 48 hours from 09 GMT on the 26th.

### Snow

Until mid-month reports of sleet or snow were restricted

**Table 1 District values**

District	air temperature °C					mean 30-cm Soil temp °C	rain- days	rainfall	sun- shine
	Highest Max*	Lowest Min*	max.	min.	mean				
			difference from average						
0 Scotland N	14.4	−3.4	−0.3	0.0	−0.2	+0.1	+3	129	98
1 Scotland E	14.6	−8.5	0.0	+0.6	+0.3	+1.0	+1	154	106
2 England E & NE	14.5	−3.6	+0.8	+1.2	+1.0	+1.1	+6	209	122
3 East Anglia	15.6	−4.3	+1.1	+1.7	+1.4	+1.5	+4	178	117
4 Midland Counties	15.0	−7.2	+1.3	+1.3	+1.3	+1.2	+4	189	120
5 England SE & Central S	15.5	−7.0	+1.4	+1.8	+1.6	+1.5	+2	169	119
6 Scotland W	13.5	−8.5	0.0	+0.3	+0.1	+0.8	+1	130	114
7 England NW & Wales N	15.4	−5.5	+0.6	+1.0	+0.8	+0.9	+4	184	106
8 England SW & Wales S	16.6	−5.4	+0.9	+1.0	+1.0	+0.9	+3	169	99
N Ireland	13.4	−3.6	−0.1	−0.2	−0.1	+0.4	+1	108	108
Scotland	14.6	−8.5	−0.1	+0.3	+0.1	+0.6	+2	138	106
England & Wales	16.6	−7.2	+1.0	+1.3	+1.2	+1.2	+4	183	114

\*Highest maximum and lowest minimum of District Value Stations

to the high ground in Scotland, but on the 14th and 15th snowfall occurred at many places in Scotland and northern England. There were further reports of sleet or snow at times throughout the second half of the month, particularly between the 18th and 21st and again from the 26th until the end of the month.

The higher summits of the Scottish mountains were snow covered all month, but on low ground throughout the United Kingdom snow lay on only a few occasions and at many places in England and Wales snow did not lie at all.

### Sunshine

Monthly sunshine totals were mostly between 75 and 100 per cent of average in the Channel Islands and south-west England, in western parts of Wales and in much of the Grampian and Highland Regions of Scotland. Western parts of Northern Ireland and a few other well-scattered places in England also had less than average sunshine for the month. Elsewhere in the United Kingdom sunshine totals were above average, a few places in England and southern Scotland recording more than 140 per cent of their normal for the month.

Most places enjoyed sunny days at times, especially during the second half of the month; the 24th over Northern Ireland, the 25th over much of England and Wales and the 31st over southern parts of Scotland were all particularly sunny. However, during the first half of the month there were many days with little or no sunshine over large areas of the United Kingdom.

### Fog

For much of the month winds were too strong for the widespread formation of fog, although isolated patches were reported on a few occasions. On the 24th freezing fog persisted all day in parts of Scotland, particularly in the Glasgow area, and on the 25th fog was slow to clear in a few places in central and eastern England.

### Miscellaneous Phenomena

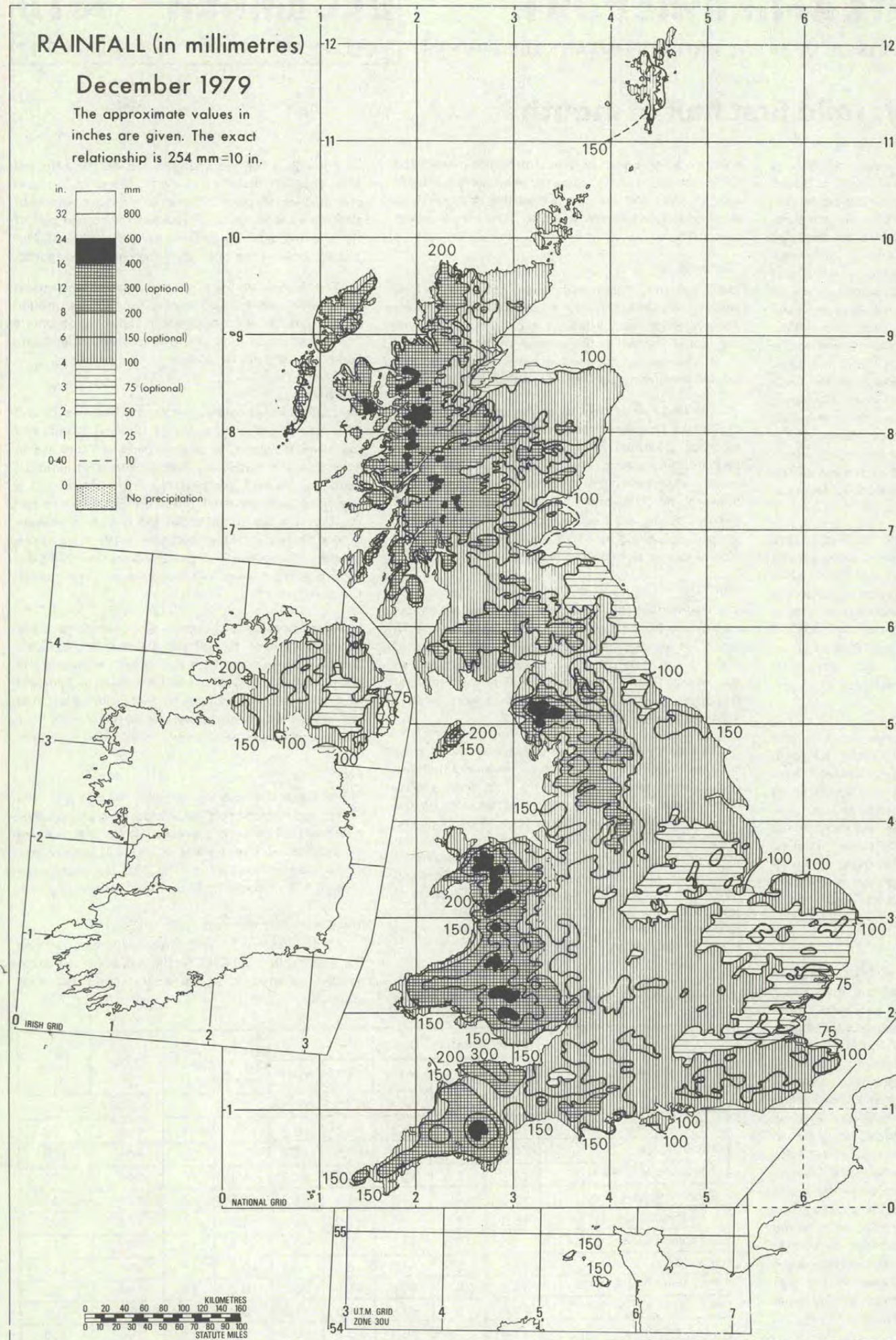
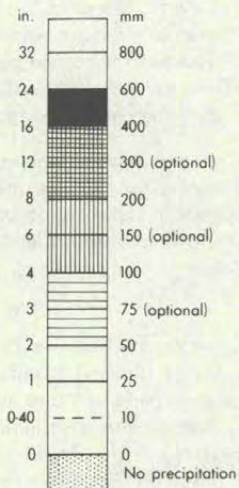
A small tornado was reported near Garstang (Lancashire) at 1730 GMT on the 3rd. Some structural damage occurred at a mill and several trees were uprooted.



# RAINFALL (in millimetres)

## December 1979

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





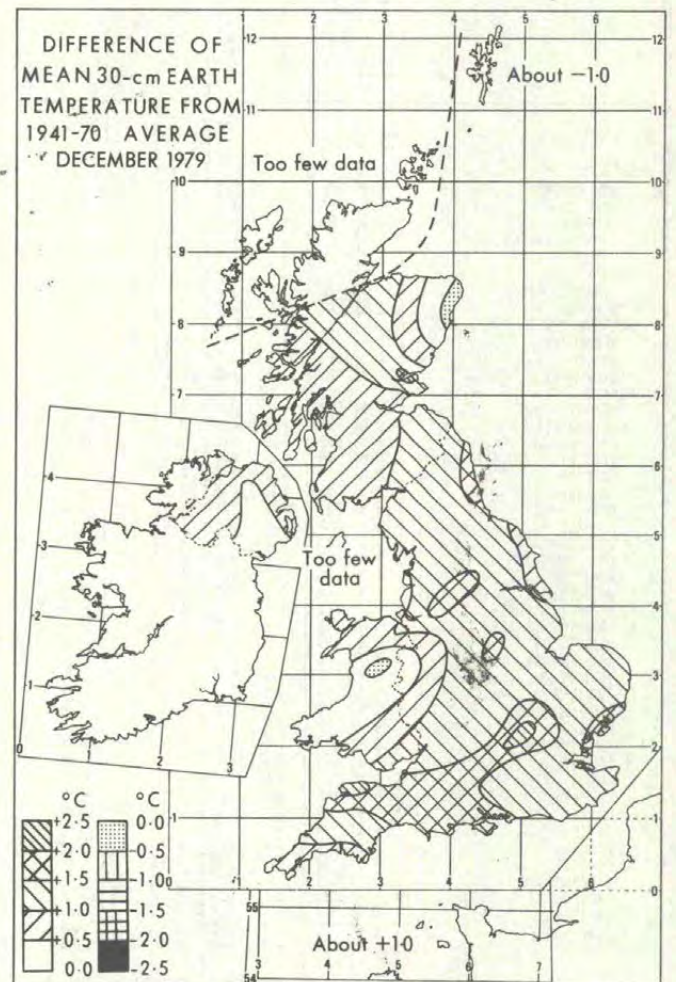
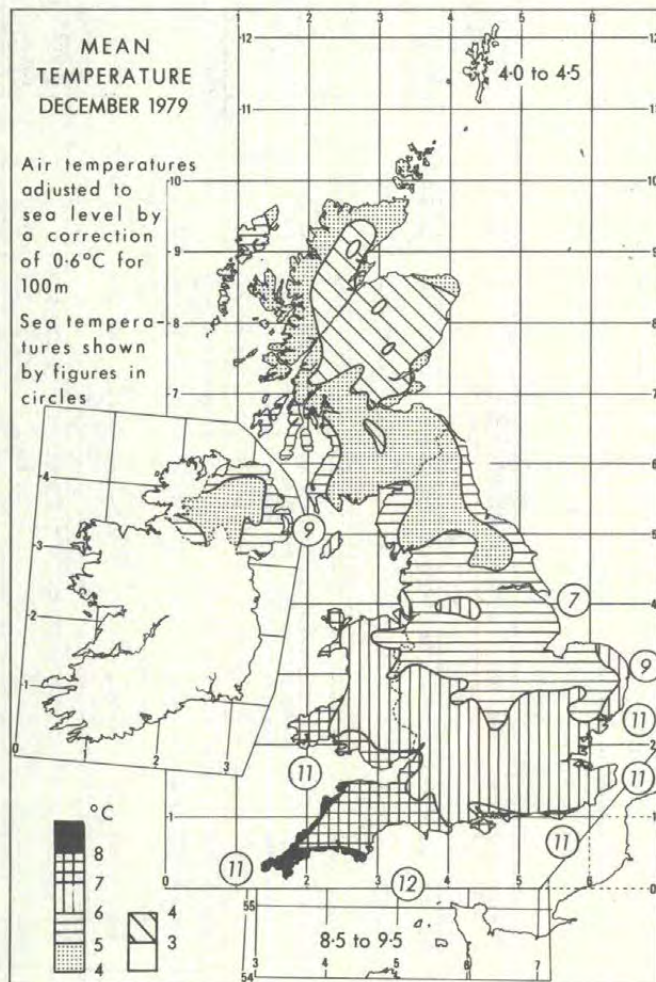
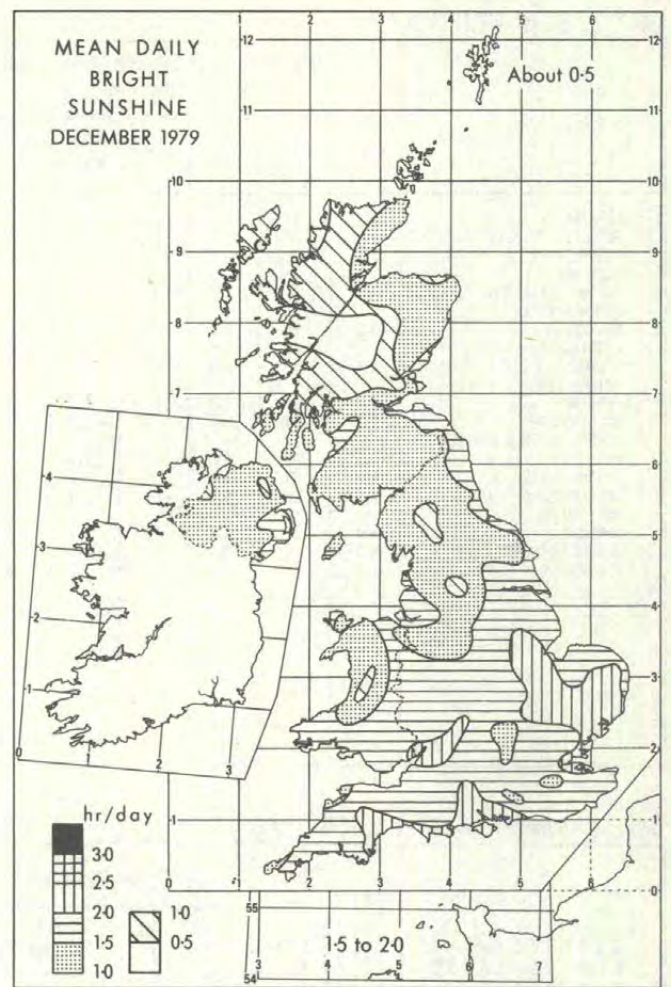
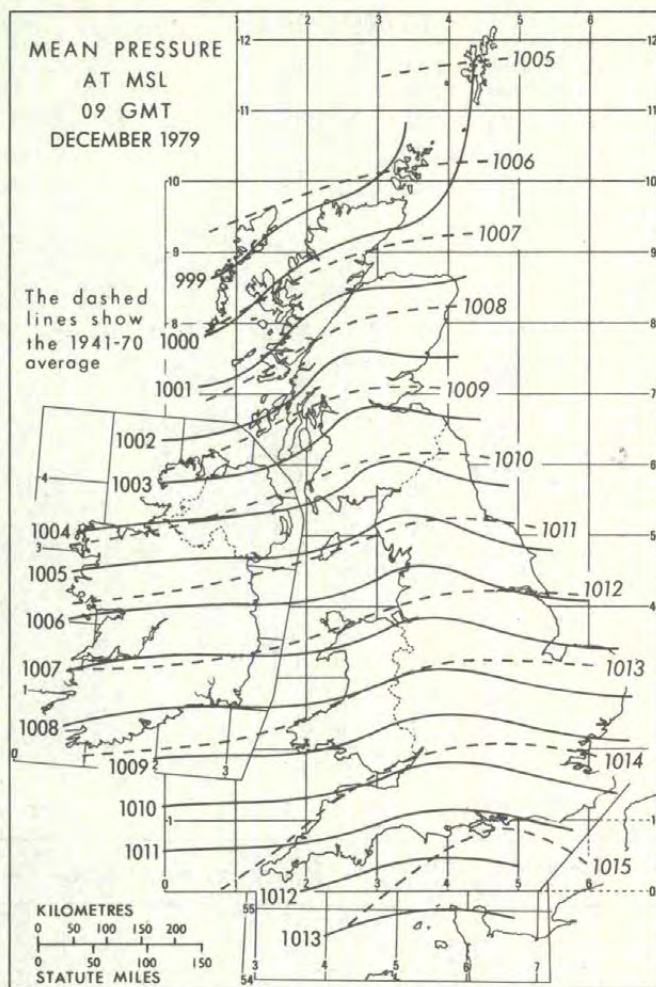




TABLE 2 SOLAR RADIATION

DECEMBER 1979

STATION	DAILY GLOBAL IRRADIATION ON A HORIZONTAL SURFACE (MEGAJOULES PER SQUARE METRE)						DAILY DIFFUSE IRRADIATION ON A HORIZONTAL SURFACE (MEGAJOULES PER SQUARE METRE)					
	MAX.	DATE	MIN.	DATE	DAILY MEAN	NO. OF DAYS	MAX.	DATE	MIN.	DATE	DAILY MEAN	NO. OF DAYS
LERNICK	1.2	28	0.0	10	0.5	31	0.9	28	0.0	10	0.4	30
ABERDEEN UNIVERSITY	2.4	31	0.2	8.14	1.1	31						
ESKDALEMUIR	2.9	31	0.1	7	1.3	31	1.9	14	0.1	7	1.0	31
MOOR HOUSE												
SUTTON BONINGTON												
GRAHAM WATER												
ABERPORTH	3.5	11	0.2	27	1.9	30	2.0	30	0.2	27	1.4	30
CARDINGTON	4.5	25	0.4	23	2.3	31	2.2	17	0.4	23	1.4	31
SILSOE	4.5	25	0.5	23	2.2	31	2.0	8	0.4	23	1.3	31
ROTHAMSTED												
GARSTON	3.2	3.16	0.3	23.27	1.7	31						
WALLINGFORD	4.2	25	0.3	27	2.0	31						
LONDON WEATHER CENTRE												
KEM	4.3	25	0.4	27	2.1	31	2.2	26	0.3	27	1.4	31
EASTHAMPTON	4.2	25	0.4	27	2.2	31	2.2	20	0.4	27	1.4	31
EAST MALLING	4.5	25	0.0	27	1.9	31						
RUSTINGTON												
WAREHAM	4.7	25	0.6	27	2.7	31						
JERSEY AIRPORT	5.2	24	0.4	27	2.5	30	2.8	31	0.4	27	1.7	30
ALDERGROVE	4.2	30	0.4	12	1.6	31	1.9	30	0.4	12	1.1	31

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DECEMBER 1979

DISTRICT REGION/COUNTY AND PLACE			MAX. TERMINAL H(GMT) MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C						MEAN SOIL 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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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DISTRICT REGION/COUNTY AND PLACE	MAX. MIN. TERMINAL (H GMT) OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C						MEAN SOIL 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		50 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																							
1 SCOTLAND E																																	
GRAMPIAN																																	
ABERDEEN	21-9	58	6.1	1.4	3.7	+0.4	12.4	1	-5.6	25	-	-	137	182	24	7	19	16	6	0	0	2	0	0	0	8	22	17	1	1.33	90	-	
DYCE AIRPORT	9 9	52	6.0	1.1	3.5	-0.2	12.4	1	-4.6	25	-	-	136	183	25	15	20	16	6	0	0	0	0	0	7	23	1	1	-	-	-		
MANNOFIELD	9 9	283	4.6	-0.9	1.9	+0.2	12.3	1	-6.2	25	-	-	123	138	19	12, 17	21	15	6	3	0	0	0	0	20	26	-	1	-	-	-		
BALNORRAL	9 9	94	5.7	0.3	3.0	-	12.2	1	-6.4	25	-	-	111	-	23	7	21	17	6	2	0	0	0	0	12	23	21	3	-	-	-		
BRANCHORY	9 9	24	6.3	2.3	4.3	-	14.0	1	-1.7	25	4.6	-	95	130	17	15	22	17	3	0	2	1	0	0	6	6	-	6	0.75	-	S		
BRANFF	9 9	339	4.5	-0.6	1.9	+0.2	12.0	1	-6.9	30	-	-	151	154	27	16	22	14	-	6	-	-	-	1	13	23	-	5	0.57	89	S		
BRANNOIR	9 9	338	4.0	-0.9	1.5	-	11.7	1	-8.5	30	2.8	-	100	-	20	17	24	20	12	10	0	0	0	0	18	28	-	5	1.30	-	S		
CLASHNOIR	9 9	91	5.9	1.0	3.5	0.0	12.2	1	-2.6	23	3.7	5.3	133	175	23	7	21	16	5	1	0	0	0	0	8	22	-	0	1.43	93	-		
CRABSTONE	9 9	3	6.3	0.9	3.6	-	12.7	1	-6.1	25	-	-	139	213	20	14	21	16	6	1	0	0	0	0	8	22	-	1	0.96	-	-		
CULTERTY	9 9	15	6.5	0.9	3.7	-	14.6	4	-3.5	29	-	-	74	114	10	15	21	15	4	0	0	1	0	1	13	27	-	0	0.91	-	S		
ELGIN	9 9	40	6.2	1.5	3.9	-	12.2	4	-3.0	23	-	-	128	-	-	15	15	22	16	5	0	0	1	0	3	6	14	-	0	-	-		
FOREHILL	9 9	5	6.3	1.4	3.9	+0.2	14.1	1	-4.1	29	4.2	5.8	85	-	-	15	15	22	16	5	0	0	1	0	3	6	14	-	0	0.95	70	S	
FORRES	21-9	19	6.8	-2.9	4.9	-	13.0	1	-2.6	23	-	-	126	180	22	14	20	19	3	0	0	2	0	0	5	7	8	2	1.03	-	-		

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TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DECEMBER 1979

DISTRICT REGION/COUNTY AND PLACE	MAX. TERMINAL HEIGHT MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C								MEAN SOIL 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		
6 SCOTLAND W																																			
STRATHCLYDE																																			
ACHAGLACHACH	9 9	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
AROS	9 9	37	7.2	1.9	4.5	-	13.2	4	-3.5	15	-	-	-	188	28	12	29	26	2	0	0	3	0	1	0	0	10	23	-	1	1.72	142	-	-	
AUCHINCUIVE	9 9	45	7.3	2.5	4.9	+0.4	12.9	1	-3.2	23	-	6.1	7.3	122	129	26	26	21	17	2	0	1	0	0	0	8	19	-	1	-	-	-	-		
BENMORE (YOUNGER)																																			
BOTANIC GARDEN	9 9	12	6.8	1.7	4.3	-	13.5	1	-2.2	15	-	5.2	-	292	116	61	7	25	20	3	4	0	2	1	1	2	13	20	-	2	-	-	-	-	
BRODICK CASTLE	9 9	15	7.7	3.1	5.4	-	12.8	1	-0.9	20	-	5.8	-	297	148	67	7	22	18	0	0	2	1	0	0	0	6	16	-	2	-	-	-	-	
CAMPS RESERVOIR	9 9	295	5.0	-0.7	2.1	-	10.8	4	-8.0	23	-	-	-	170	137	47	26	21	18	10	4	0	0	0	0	4	16	-	2	-	-	-	-	-	
CARNMATH	9 9	208	5.5	-0.7	2.4	-	11.8	1	-9.2	23	-	4.6	-	93	116	13	26	18	14	8	3	1	0	0	0	0	16	23	18	4	-	-	-	-	
CARTBRIDGE	9 9	66	6.0	1.0	3.5	-	12.3	1	-5.5	22	-	-	-	128	152	27	26	18	17	-	0	0	0	0	0	12	-	-	-	-	-	-	-		
COLONSAY	9 9	35	7.9	4.0	5.9	-	12.0	1.4	0.3	29	-	-	-	140	-	16	28	25	22	2	0	1	2	1	0	0	-	-	-	5	-	-	-	-	
CRAIGHOUSE	9 9	4	8.0	3.8	5.9	-	12.9	1	0.3	29	-	-	-	198	-	22	26	27	21	0	1	0	0	4	0	0	16	18	18	3	1.50	-	-	-	
CRAWFORD JOHN	9 9	274	4.9	0.3	2.6	-	10.8	1	-7.5	23	-	4.5	-	-	-	-	-	4	2	0	0	0	0	0	0	16	18	18	3	1.27	-	-	-	-	
CUNNOCK	9 9	99	6.5	0.9	3.7	-	12.4	1	-6.5	31	-	4.9	-	121	-	26	26	22	16	1	1	0	0	1	2	14	17	-	5	-	-	-	-		
DUNSTAFFHAGE	9 9	3	7.4	3.0	5.2	-	12.7	1	-3.0	15	-	-	-	181	-	22	28	26	20	3	0	0	2	2	0	3	17	-	-	-	-	-	-	-	
EAST KILBRIDE	9 9	178	5.9	1.6	3.7	-	11.6	1.2	-5.0	22	-	-	-	180	-	34	26	19	16	1	3	0	0	0	0	13	18	-	0	1.81	-	-	-	-	
GIRVAN	9 9	8	8.4	4.5	6.5	-	13.1	1	-0.5	22	-	-	-	114	100	24	26	24	20	0	0	0	1	1	0	1	4	-	7	1.39	-	-	-	-	
GLASGOW																																			
ABBOTSLINCH AIRPORT	21-9	5	6.4	1.3	3.9	-0.3	13.1	4	-5.4	22.24	-	-	-	152	-	33	26	17	16	6	0	0	2	0	1	14	17	16	2	1.36	139	-	-	-	
SPRINGBURN PARK	9 9	107	5.9	1.7	3.8	+0.3	11.5	1.4	-4.0	22	-	-	-	148	145	30	26	18	16	4	0	0	4	0	2	10	19	-	5	-	-	-	-	-	
WEATHER CENTRE (X)	21-9	40	7.1	3.7	5.4	-	12.6	4	-1.6	22	-	-	-	142	-	29	7	18	17	0	-	1	0	0	0	5	-	-	0	0.82	130	S	-	-	
GREENOCK	9 9	61	-	-	-	-	-	-	-	-	-	-	-	229	131	51	7	20	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HELENSBURGH	9 9	96	6.2	-	-	-	12.2	1	-	-	-	-	-	215	135	49	7	23	19	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	
HUNTERSTON	9 9	8	7.9	3.5	5.7	-	13.0	2	-0.8	22.23	-	-	-	123	-	19	26	19	16	1	0	0	0	0	0	2	-	-	5	-	-	-	-	-	
KILDONAN	9 9	18	8.2	3.4	5.8	-	11.8	1	-1.5	20.24	-	-	-	175	-	37	7	25	21	1	-	0	0	0	0	3	12	11	4	1.51	-	-	-	-	
KILMARNOCK	9 9	34	7.0	1.4	4.2	-	12.4	1	-4.4	31	-	5.5	7.5	1137	-	29	26	18	16	0	-	0	0	0	0	14	-	-	1	-	-	-	-	-	
KNAPDALE FOREST	9 9	12	7.2	1.2	4.2	-	12.8	4	-5.1	31	-	-	-	189	-	27	26	25	20	-	1	-	-	-	0	11	22	-	-	-	-	-	-	-	
LEARNHILLS	9 9	388	4.5	-0.3	2.1	-	10.2	2.4	-5.5	22	-	-	-	249	145	60	26	20	16	8	1	0	0	0	0	0	16	19	-	5	-	-	-	-	
MACHRIHANISH	21-9	10	8.0	4.2	6.1	-	13.0	1	-1.0	14	-	-	-	160	122	36	7	25	20	3	0	0	8	2	0	3	12	11	6	1.35	-	-	-	-	
MILLPORT	9 9	5	7.9	3.6	5.7	-	12.5	1.2	-0.5	15	-	-	-	139	116	25	26	20	18	0	0	0	0	0	0	2	-	-	2	-	-	-	-	-	
PAISLEY	9 9	32	6.7	2.1	4.4	-0.1	12.3	1	-3.5	23	-	5.1	8.0	177	148	36	26	18	15	0	0	0	1	0	2	9	16	-	4	1.24	143	-	-	-	
PRESTWICK	21-9	16	7.2	2.8	5.0	-	12.9	1	-4.4	22	-	-	-	122	134	25	26	19	18	1	0	3	0	0	0	13	16	16	3	1.74	-	-	-	-	
RHUVAL	21-9	20	7.8	4.4	6.1	-	12.7	4	0.4	28	-	-	-	172	114	19	28	27	21	3	0	0	3	0	0	0	6	5	4	-	-	-	-	-	
ROTHESAY	9 9	43	-	-	-	-	-	-	-	-	-	-	-	202	138	32	7	23	19	0	0	0	0	0	0	0	17	-	1	-	-	-	-	-	
STRONACHULLIN	9 9	2	7.9	2.5	5.2	-	13.2	1.2	-2.0	17	-	-	-	223	-	24	26	22	21	0	0	0	1	0	2	4	13	-	0	-	-	-	-	-	
TIREE	21-9	9	7.9	4.4	6.1	-0.1	12.5	1	-0.6	29	-	-	-	139	107	16	4	29	22	7	0	2	15	3	0	2	10	8	-	0.99	105	-	-	-	-
UPLANDMOOR	9 9	128	6.1	0.9	3.5	-	11.0	1.4	-5.0	22	-	-	-	202	-	31	7	22	17	4	0	0	3	0	0	13	20	-	1	-	-	-	-	-	
CENTRAL																																			
ARROCHYMORE	9 9	30	6.8	1.8	4.3	-	12.3	1	-3.1	22	-	-	-	201	-	30	26	21	17	3	0	0	0	1	2	12	16	-	0	0.91	-	-	-	-	
CALLANDER	9 9	107	5.5	0.4	2.9	-	11.9	1	-6.0	22	-	-	-	241	143	32	26	18	17	3	5	0	0	0	0	14	19	-	2	-	-	-	-	-	
EARLS HILL	21-9	335	4.2	0.2	2.2	-	9.6	1.4	-6.1	23	-	-	-	241	-	69	7	18	16	7	-	0	0	0	0	3	16	21	19	6	1.36	-	-	-	-
FALKIRK	9 9	3	6.6	1.1	3.9	-	13.1	1	-5.5	22.23	-	-	-	154	-	37	7	18	16	0	0	0	1	1	2	14	-	-	2	-	1.16	-	-	-	-
PARKHEAD	9 9	107	6.5	1.1	3.8	-	12.5	1	-4.2	22.23.25	-	4.2	-	139	-	30	7	16																	



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DISTRICT REGION/COUNTY AND PLACE			MAX. TERMINAL H(OMT) MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C								MEAN SOIL 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	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		
					MAX. (A)	MIN. (B)			MAX.	DATE																							MIN.	DATE
2 ENGLAND E & NE -CONTINUED																																		
DURHAM																																		
DURHAM ... .. 99 102 6.9 2.4 4.7 +1.0 13.2 4 -1.3 25 5.7 7.4 91 172 13 26 25 20 - 0 - - - 2 8 19 - - 1.50 100 S																																		
LOW ETHERLEY ... .. 99 155 6.3 1.6 3.9 - 12.4 4 -1.9 22 5.4 7.5 89 - 14 26 22 17 13 4 0 0 0 1 13 23 17 4 - - -																																		
WIDDYBANK FELL ... .. 99 513 3.8 -0.2 1.8 - 9.8 4 -6.6 22 4.0 - 318 - 75 26 28 18 - - 11 - - - 3 18 22 - - 1.27 - -																																		
CLEVELAND																																		
HARTBURN GRANDE ... .. 99 31 7.2 2.0 4.6 - 13.4 4 -3.7 25 - - 100 223 13 13 27 18 2 2 0 0 0 1 1 9 19 - - 1.43 - -																																		
HARTLEPOOL ... .. 99 9 7.7 3.6 5.7 +1.0 14.3 4 -1.1 25 - - 118 241 18 13 21 19 2 0 0 0 0 1 0 3 22 - - 1.63 - -																																		
NORTH YORKSHIRE																																		
ASKHAM BRYAN ... .. 99 33 7.4 2.2 4.8 - 14.3 2 -3.3 25 - - 115 240 18 13 25 20 4 1 0 1 1 2 6 18 - - 1.62 129 S																																		
CANWOOD ... .. 99 6 7.5 2.7 5.1 - 14.0 2,4 -3.0 25 5.9 7.4 111 246 20 13 25 19 1 0 0 0 0 1 4 15 - - 1.71 - -																																		
HIGH MOUTHORPE ... .. 99 175 6.0 2.0 4.0 - 12.3 2 -4.4 18 5.0 - 142 203 23 13 24 20 3 3 0 0 0 1 4 18 15 - - 1.19 - -																																		
LEEMING ... .. 21-9 32 7.1 2.9 5.0 - 13.6 2 -4.5 25 5.2 7.6 106 193 16 26 24 16 9 1 0 1 1 2 7 16 15 2 1.48 - -																																		
MALHAM TARN ... .. 99 395 4.7 0.7 2.7 +0.6 10.1 2 -5.9 31 4.8 - 323 221 47 26 24 20 9 8 0 0 0 2 5 13 22 - - 1 - -																																		
PICKERING ... .. 99 44 7.0 2.0 4.5 - 13.1 2 -4.9 25 5.7 - 120 194 19 13 26 22 5 3 1 0 1 1 8 17 - - 1 - -																																		
SCARBOROUGH ... .. 99 52 7.6 3.7 5.7 - 13.5 2 -0.4 25 5.3 7.2 116 197 24 13 26 21 5 0 0 1 0 - 1 11 6 3 1.35 113 -																																		
SILPHO MOOR ... .. 99 203 6.4 2.0 4.2 - 12.3 2 -2.3 31 4.7 - 161 194 34 13 30 22 4 1 0 0 0 2 5 23 - 0 1.44 - -																																		
SWAIZEHOLME ... .. 99 290 5.5 1.4 3.5 - 11.2 2 -4.7 31 5.2 - 343 - 56 26 25 21 6 5 0 0 0 3 12 15 - 0 0.85 - -																																		
WHITBY ... .. 99 41 7.6 3.4 5.5 - 13.3 2 -1.2 25 - - 131 - 22 13 26 22 6 0 1 0 2 0 2 13 - 3 1.67 - -																																		
WHITBY(COASTGUARD) ... .. 21-9 60 7.5 4.3 5.9 - 13.4 2,4 -0.2 25 - - 108 - 14 13 26 24 2 0 0 2 1 0 1 7 6 6 - -																																		
YORK(HESLINGTON) ... .. 99 19 7.4 2.1 4.7 - 14.0 2 -4.5 25 5.7 7.2 113 235 19 13 25 21 1 1 0 0 0 1 8 12 - 0 1.72 - -																																		
HUMBERSIDE																																		
BRIDLINGTON ... .. 99 48 - - - - - - - - 107 165 35 13 17 15 4 0 1 0 0 - - - - 4 - -																																		
CLEETHORPES ... .. 99 7 7.6 3.5 5.5 +1.0 13.7 2 -1.0 25,26,30 - - 103 199 16 27 24 18 0 0 1 1 0 - 5 - - 1.84 123 -																																		
MULL ... .. 99 2 7.9 3.6 5.7 +1.2 14.0 2 -2.0 25 5.5 8.0 134 249 16 13 25 20 2 0 0 0 0 0 4 9 - 2 1.81 159 S																																		
LINCOLNSHIRE																																		
BINBROOK ... .. 21-9 108 6.4 2.9 4.7 - 13.3 2 -2.6 25 - - 117 192 19 27 25 17 11 1 0 1 0 1 6 12 11 2 1.87 - -																																		
CAISTON ... .. 99 21 7.2 2.4 4.8 - 13.4 2 -4.9 25 - - 114 - 19 27 23 18 - - - - - - - 9 - - -																																		
COMINGSBY ... .. 21-9 7 7.6 3.2 5.4 - 14.1 4 -4.5 25 - - 82 - 19 13 20 14 5 0 0 0 0 1 7 13 11 1 - -																																		
CRANWELL ... .. 99 62 7.7 2.5 5.1 +1.2 13.8 5 -2.1 22 5.2 6.8 80 178 17 27 20 12 2 0 0 0 0 0 7 12 13 2 2.06 122 -																																		
KIRTON ... .. 99 4 7.7 2.8 5.3 - 14.1 4 -1.6 25 6.6 8.4 94 - 25 13 19 15 4 0 0 0 0 1 6 13 - 6 2.07 - -																																		
LINCOLN ... .. 99 6 7.7 2.3 5.0 +1.3 13.6 2 -3.6 25,30 6.4 7.7 85 178 17 27 22 15 3 1 0 0 0 2 9 16 - 0 1.77 - -																																		
SKEGNESS ... .. 99 5 7.9 3.4 5.7 +1.3 14.0 4 -1.9 29 - - 113 223 26 13 21 16 0 0 0 1 0 0 5 10 - 0 1.65 109 -																																		
SUTTON BRIDGE ... .. 99 4 -																																		
WADDINGTON ... .. 21-9 68 7.3 3.5 5.4 +1.5 13.4 2 -1.6 31 - - 91 190 19 27 23 14 8 2 0 0 0 2 6 15 11 1 2.03 134 -																																		
3 EAST ANGLIA																																		
NORFOLK																																		
COLTISHALL ... .. 21-9 17 8.1 4.3 6.2 - 15.7 5 -2.3 26 - - 110 196 22 13 26 17 8 0 0 3 0 0 5 9 7 1 - -																																		
CROMER ... .. 99 54 8.1 3.7 5.9 +1.2 15.0 4,5 -0.1 26 6.9 8.9 89 - 20 13 22 16 3 0 0 0 0 0 4 - - 2 2.04 - -																																		
DENVER ... .. 99 3 7.8 2.7 5.3 - 14.8 5 -2.6 25 7.2 9.0 92 165 22 14 19 15 0 - - 0 0 0 0 2 - - 7 1.92 119 -																																		
GORLESTON ... .. 99 4 8.5 4.1 6.3 +1.2 14.2 2 -1.0 25,26 6.8 8.1 106 - 28 13 25 17 5 0 3 0 1 0 6 9 7 0 2.09 - -																																		
HENSBY ... .. 21-9 14 7.9 4.2 6.1 - 15.0 5 -0.9 25 6.0 - 108 - 21 13 20 17 7 1 0 4 0 1 8 9 9 0 1.83 - -																																		
MARHAM ... .. 21-9 23 7.5 3.6 5.5 - 15.1 5 -4.1 25 6.0 - 93 - 20 27 21 17 5 0 0 0 0 0 6 11 - 0 2.13 - -																																		
MORLEY ST BOTOLPH ... .. 99 46 7.8 3.0 5.4 - 15.0 5 -1.9 25 6.6 7.9 107 188 18 9 23 17 - 0 - - - 0 9 19 - - 1.87 - -																																		
SANTON DOWNHAM ... .. 99 24 8.3 2.6 5.5 - 15.6 5 -5.5 25 5.5 7.0 80 - 17 13 22 16 5 0 0 2 0 0 6 11 - 1 2.31 - -																																		
SCOLE ... .. 99 27 8.1 3.1 5.6 - 15.0 5 -2.5 25 6.2 - 102 213 25 13 22 17 1 0 0 0 0 0 5 14 - 0 1.85 130 -																																		
TERRINGTON ST CLEMENT ... .. 99 3 7.7 3.1 5.4 +1.2 14.5 5 -1.4 25 - - 85 184 25 27 19 14 3 0 0 0 0 0 6 13 - 0 2.05 - -																																		
CAMBRIDGESHIRE																																		
BOXNORTH ... .. 99 53 9.1 3.1 6.1 - 15.6 4 -2.0 25 - - 85 184 25 27 19 14 3 0 0 0 0 0 6 13 - 0 2.05 - -																																		
CAMBRIDGE																																		
BOTANIC GARDEN ... .. 99 12 8.7 3.2 5.9 +1.7 15.6 5 -3.2 25 6.2 7.9 96 209 25 27 18 15 4 0 0 0 0 0 5 12 - 0 - -																																		
NATIONAL INSTITUTE OF AGRICULTURAL BOTANY ... .. 99 24 8.8 3.3 6.1 - 15.6 5 -1.1 25 - - 104 231 27 27 19 16 1 0 0 0 0 1 4 18 - 0 2.01 130 -																																		
MARCH ... .. 99 2 - - - - - - - - - - - - 84 179 24 13 18 15 - - - - - - - 7 17 - -																																		
MARHAM ... .. 99 21 8.0 2.9 5.5 - 14.4 4 -1.5 25 - - 91 - 26 13 18 13 - - - - - 0 7 17 - -																																		
MEPAL ... .. 99 -2 8.7 2.6 5.5 - 15.4 5 -3.6 25 7.0 9.8 73 - 19 13 18 13 2 0 0 0 0 1 5 12 - 0 1.77 - -																																		
MONKS WOOD ... .. 99 39 8.2 - - - - 15.1 4 - - - 6.6 - 87 190 28 13 21 15 1 0 1 0 0 1 - - 0 1.97 - -																																		
WITTERING ... .. 21-9 73 7.8 3.4 5.6 - 14.4 4 -2.8 31 - - 98 - 27 13 19 13 7 1 0 0 0 0 7 12 11 1 2.10 - -																																		
WYTON ... .. 21-9 40 8.0 4.0 6.0 - 15.4 5 -1.7 21 - - 86 190 23 13 17 14 6 1 0 1 0 0 4 14 11 0 - -																																		
SUFFOLK																																		
BROOMS BARN ... .. 99 75 7.8 3.3 5.5 - 14.8 5 -2.0 22 5.8 7.6 96 185 19 27 21 17 4 1 0 2 1 1 5 11 - 0 2.05 - -																																		
CAVEDISH ... .. 99 55 7.8 2.9 5.3 - 14.6 5 -2.7 25 6.4 - 87 - 19 27 21 19 8 1 0 0 0 1 4 12 - 2 2.05 - -																																		
EAST BERGHOLT ... .. 99 5 8.4 3.0 5.7 - 14.8 5 -3.5 25 - - 79 149 21 13 21 15 0 1 0 0 0 - 7 16 - -																																		
HAUGHLEY ... .. 99 58 7.8 3.2 5.5 - 14.7 5 -1.2 22,25,26 6.8 - 91 - 19 27 20 17 2 0 0 1 0 3 4 15 - 0 - -																																		
HOMINGTON ... .. 21-9 49 7.6 4.1 5.9 - 14.9 5 -3.1 21 - - 81 155 16 27 22 17 7 1 1 0 1 0 5 11 9 1 2.05 - -																																		
LEVINGTON ... .. 99 22 8.1 3.8 5.9 - 15.3 5 -1.5 22 - - 81 - 23 27 18 16 4 1 0 0 0 0 5 14 - 3 2.18 - -																																		
LOMESTOFT ... .. 99 25 8.1 3.6 5.9 +1.2 14.9 5 -1.7 25 6.2 7.6 88 161 23 13 21 15 1 0 2 1 0 0 3 8 6 2 1.44 89 S																																		
WATTISHAM ... .. 21-9 89 7.4 3.6 5.5 - 14.6 5 -2.8 25 - - 77 142 19 27 19 16 9 0 0 2 0 1 3 12 9 - 0 2.02 - -																																		
BEDFORDSHIRE																																		
CARDINGTON ... .. 21-9 29 8.4 3.5 5.9 - 15.2 5 -4.0 25 6.9 8.5 104 231 31 13 17 15 7 1 0 1 0 1 8 13 11 0 2.17 - -																																		
LUTON ... .. 99 158 7.3 3.1 5.2 - 13.5 4,5 -2.1 25 6.3 8.3 133 219 45 27 17 16 - 0 - - - 1 6 - - 1.55 - -																																		
SILSOE ... .. 99 59 8.4 3.1 5.7 +1.6 15.4 4 -3.0 25 6.5 8.4 107 234 31 27 21 16 6 0 0 1 0 2 5 11 11 - 0 1.85 111 -																																		
SOBRUN ... .. 99 89 8.3 3.0 5.7 +1.8 14.9 4 -3.4 25 6.7 8.9 131 242 36 13 24 18 3 1 0 0 0 - 5 14 - 0 1.41 92 -																																		
HERTFORDSHIRE																																		
ALDENHAM SCHOOL ... .. 99 91 8.0 3.1 5.5 - 14.2 5 -4.5 25 6.4 - 117 189 38 27 19 17 2 0 0 0 0 0 6 16 12 0 0 - -																																		
CARSTON ... .. 99 78 8.3 3.3 5.8 - 14.5 5 -5.0 25 - - 129 211 46 27 22 14 - 0 0 0 0 0 5 16 12 0 1.74 - -																																		
HODDESDON ... .. 99 43 8.8 3.2 6.0 - 15.4 5 -3.8 25 7.2 - 105 182 34 27 21 15 4 0 0 0 0 - 5 - 6 1.68 - -																																		
ROTHAMSTED ... .. 99 128 7.7 2.7 5.2 +1.5 14.2 5 -3.6 25 7.0 8.6 129 202 48 27 20 15 6 1 0 1 0 1 7 15 - 0 2.05 - -																																		
ST ALBANS ... .. 99 83 8.3 3.4 5.9 +2.0 14.6 5 -4.0 25 7.2 - 119 206 41 27 22 14 4 1 0 0 0 1 5 14 - 2 1.84 - -																																		
STANSTED ABBOTTS ... .. 99 30 - - - - - - - - - - - - 94 175 30 27 22 15 - 0 - - - - - - - - -																																		
ESSEX																																		
CLACTON-ON-SEA ... .. 99 16 8.2 4.2 6.2 +1.3 14.1 5 -0.2 25,26,27 7.8 9.4 82 151 28 27 20 16 1 0 0 0 0 0 3 8 - 2 1.97 118 -																																		
HALSTEAD ... .. 99 70 8.0 3.4 5.7 - 14.9 5 -1.9 22 6.8 8.3 81 - 23 27 21 18 6 1 0 0 0 1 4 18 - 3 - -																																		
HIGH BENCH ... .. 99 110 8.2 2.9 5.5 - 14.6 5 -3.4 25 7.0 - 94 - 28 27 23 15 3 2 0 0 0 0 6 18 - 5 - -																																		
SHOEBURYNESS ... .. 21-9 2 8.6 5.2 6.9 +1.8 14.9 5 -0.1 21 - - 80 178 25 27 17 12 4 1 0 3 1 0 1 11 10 2 2.05 - -																																		
STANFORD-LE-HOPE ... .. 99 6 9.0 3.7 6.3 - 15.5 5 -3.0 25 - - 77 - 21 27 20 14 1 0 0 0 0 0 5 - - 0 - -																																		
STANSTED ... .. 21-9 101 7.7 3.6 5.7 - 14.7 5 -2.8 25 - - 106 187 28 27 20 19 11 1 0 3 1 2 6 12 11 0 - -																																		
WIXOE ... .. 99 53 ( 8.3 ) ( 2.8 ) ( 5.5 ) - 15.0 4,5 -4.6 25 - - 93 - 20 27 21 20 0 1 0 0 0 - 5 - - 0 - -																																		
WRITTLE ... .. 99 35 8.5 3.4 5.9 +1.6 15.6 5 -3.5 25,26 6.7 - 74 142 25 27 19 11 0 0 0 0 0 0 6 13 - 0 1.64 115 S																																		







TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DECEMBER 1979

				AIR TEMPERATURE IN DEGREES C								MEAN SOIL TEMPERATURE		RAINFALL (TERMINAL H 09 GMT)				WEATHER (NUMBER OF DAYS)										BRIGHT SUNSHINE					
DISTRICT REGION/COUNTY AND PLACE	MAX. MIN.	TERMINAL HEIGHT (OFT)	HEIGHT OF STATION ABOVE MSL (METRES)	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 1 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	-	-	-	-	-	-	-	-	-	-	89	148	33	27	21	15	-	-	-	-	-	-	-	-	-	-	-	-		
ENFIELD ...	9	9	17	9.4	4.1	6.7	-	15.2	5.6	-2.9	25	7.8	9.8	93	-	30	27	22	16	2	0	0	0	0	4	14	11	0	-	-	-		
GREENWICH ...	9	9	7	9.5	4.4	6.9	-	15.7	5	-3.3	26	-	-	79	152	27	27	19	12	0	0	0	0	0	4	9	11	0	-	-	-		
HAMPSTEAD ...	9	9	137	8.2	3.5	5.9	+1.6	14.4	5	-4.0	22	-	-	96	160	33	27	14	14	2	0	0	0	0	4	16	11	0	-	-	-		
HAMPTON ...	9	9	12	9.6	4.2	6.9	+2.0	17.2	2.5	-4.9	31	-	-	86	159	34	27	16	11	0	0	0	0	0	5	13	11	0	-	-	-		
HARROW WEALD ...	9	9	98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
HEATHROW AIRPORT ...	21-9	25	9.0	4.4	6.7	+1.9	15.6	5	-4.4	25	-	-	-	91	168	36	27	20	12	5	1	1	1	1	6	12	11	0	-	-	-		
KENSINGTON PALACE ...	9	9	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
KEN	21-9	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
PSYCHROMETER ...	9	9	9.1	4.5	6.8	-	15.6	5	-5.7	25	7.2	9.1	93	180	34	27	22	14	6	1	0	3	1	1	6	13	11	0	-	-	-	-	
NORTH MALL SCREEN ...	9	9	8.9	5.1	7.0	+1.7	15.5	5	-2.8	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
LONDON																																	
WEATHER CENTRE (X)	21-9	77	9.4	6.0	7.7	-	15.6	5	0.0	22	-	-	63	-	20	27	18	15	7	0	1	0	2	0	0	-	-	0	-	-	-	-	
ST JAMES'S PARK ...	9	9	9.2	4.7	6.9	+1.4	15.4	5	-2.4	25	-	-	81	155	29	27	19	14	-	0	-	-	-	-	4	11	-	-	-	-	-	-	
SOUTHGATE ...	9	9	67	8.8	3.7	6.3	+1.6	14.8	5	-2.5	25	7.6	-	97	167	30	27	23	15	3	0	0	0	0	4	-	-	1	-	-	-	-	
WADDON ...	9	9	59	9.2	4.6	6.9	+2.0	15.5	5	-1.5	25	-	-	117	180	48	27	19	14	0	0	0	0	0	3	-	-	0	-	-	-	-	
MILTSIRE																																	
BOSCOMBE DOWN ...	21-9	126	8.1	3.5	5.8	+1.3	14.3	5	-5.6	25	7.2	9.4	147	195	51	27	19	12	6	0	0	4	0	2	9	15	12	1	-	-	-	-	
LACOCK ...	9	9	49	9.0	3.0	6.0	-	14.0	1	-6.2	25	-	-	122	175	45	27	16	11	1	0	0	0	1	8	-	-	0	-	-	-	-	
LARKHILL ...	9	9	132	8.4	2.9	5.7	+1.5	14.2	5	-7.5	25	-	-	145	185	51	27	19	14	3	1	1	0	0	1	9	14	14	1	-	-	-	-
LYNEHAM ...	21-9	145	8.1	3.7	5.9	+1.6	13.4	6	-2.5	22	-	-	124	178	45	27	18	12	5	1	0	4	0	0	6	14	12	0	-	-	-	-	
PORTON ...	9	9	111	8.6	2.7	5.7	+1.6	14.2	5	-7.0	25	6.8	-	153	194	51	27	19	12	1	0	0	1	0	0	9	-	-	0	-	-	-	
TROMBRIDGE ...	9	9	37	9.0	3.2	6.1	-	14.2	5	-6.3	25	7.3	-	150	-	52	27	18	15	3	1	1	0	0	1	8	16	-	-	-	-	-	
UPAVON ...	21-9	179	7.5	3.0	5.3	-	13.2	5	-3.0	25	-	-	140	179	50	27	21	14	6	1	0	0	0	2	9	17	12	1	-	-	-	-	
BERKSHIRE																																	
EASTHAMSTEAD ...	9	9	77	8.7	3.1	5.9	-	14.9	5	-6.4	25.26	7.3	8.5	78	-	29	27	19	13	4	1	0	0	0	0	7	12	11	0	-	-	-	
HURLEY ...	9	9	43	8.7	3.1	5.9	-	15.0	5	-5.3	25.26	6.5	-	98	151	27	27	20	10	4	1	0	0	0	0	6	14	-	-	-	-	-	
LANBOURN (WARREN FARM)	9	9	192	7.7	2.4	5.1	-	13.2	5.6	-3.5	22	6.8	-	127	-	44	27	21	13	1	1	0	0	0	-	9	-	-	1	-	-	-	
READING ...	9	9	66	8.7	3.6	6.1	-	14.6	5	-5.0	25	7.2	8.8	85	-	22	27	18	12	3	0	0	0	1	0	6	13	11	0	-	-	-	
SHINFIELD (N.T.R.D.)	9	9	62	8.9	3.1	6.0	-	14.6	5	-5.0	25	-	-	85	-	22	27	20	10	2	0	0	0	1	6	17	-	-	0	-	-	-	
SURREY																																	
NICKLEHAM ...	9	9	55	8.8	2.8	5.8	+1.7	15.0	5	-5.8	26	6.6	8.3	131	177	53	27	16	14	0	2	0	0	0	0	10	16	-	-	-	-	-	
WISLEY ...	9	9	32	9.2	3.7	6.5	+2.0	15.4	5	-4.7	25	7.2	8.8	107	173	39	27	18	12	2	1	0	0	0	0	6	11	-	-	2	-	-	
KENT																																	
DOVER R.M.S.	9	9	123	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
DUNGENESS ...	9	9	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
EAST MALLING ...	9	9	52	8.9	4.0	6.5	+2.0	15.1	5	-3.5	25	6.7	8.2	122	188	42	27	18	14	3	1	0	0	0	0	4	13	11	3	-	-	-	
EDENBRIDGE ...	9	9	45	8.8	2.5	5.7	-	15.0	5	-5.9	25	-	-	128	-	54	27	18	13	-	-	-	-	-	8	-	-	-	-	-	-	-	
ELMSTONE ...	9	9	5	9.4	3.9	6.7	-	15.5	5	-4.3	26	-	-	101	158	43	27	19	14	1	0	0	0	2	0	3	-	-	0	-	-	-	
FAVERSHAM ...	9	9	48	8.8	4.3	6.5	-	14.8	5	-2.0	22	6.7	8.5	134	206	63	27	21	13	2	1	0	0	0	0	3	12	-	-	1	-	-	
FOLKESTONE ...	9	9	31	8.9	3.8	6.3	-	14.4	5	-4.7	25	-	-	132	188	37	27	18	16	3	1	0	0	0	0	6	13	-	-	11	-	-	
GILLINGHAM ...	9	9	3	-	-	-	-	-	-	-	-	-	-	121	217	39	27	13	11	-	0	-	-	-	-	-	-	-	-	-	-	-	
GOUDHURST ...	9	9	85	7.9	3.6	5.7	+1.6	14.1	5	-3.7	25	-	-	159	183	64	27	18	13	2	1	0	0	0	0	7	13	-	-	0	-	-	
HADLOW COLLEGE ...	9	9	27	9.2	3.0	6.1	-	15.0	5	-4.5	26	6.8	-	121	-	45	27	17	14	1	1	0	0	0	1	8	12	-	-	0	-	-	
HERNE BAY ...	9	9	31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
MARSTON ...	21-9	44	8.3	4.6	6.5	-	14.7	5	-1.4	25	-	-	72	129	25	27	18	12	5	0	1	1	2	0	4	8	8	3	-	-	-	-	
MARGATE ...	9	9	16	9.1	5.2	7.1	+1.4	15.1	5	-0.1	22	7.3	9.3	68	128	24	27	18	12	3	0	0	0	0	1	6	-	-	2	-	-	-	
ULCOMBE ...	21-9	47	8.6	3.6	6.1	-	14.8	5	-4.1	25	-	-	126	-	53	27	17	14	4	1	0	0	0	1	10	13	12	0	-	-	-	-	
WYE ...	9	9	56	8.7	3.7	6.2	+1.7	15.0	5	-3.5	25	7.4	8.9	133	179	58	27	14	11	3	0	0	0	0	1	5	13	-					



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DECEMBER 1979

DISTRICT REGION/COUNTY AND PLACE			MAX. TERMINAL HIGHT MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C						MEAN SOIL 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																			
7A ENGLAND NW & I.O.M.																															
CUMBRIA																															
CARLISLE ...																															
CARTMEL ...																															
ESKMEALS ...																															
GRIZEDALE ...																															
HOOR HOUSE ...																															
NEWTON RIDG ...																															
SELLFIELD ...																															
LANCASHIRE																															
AUGHTON ...																															
HAZELRIGG ...																															
HELMSHORE ...																															
KIRKHAM ...																															
MORECAMBE ...																															
PRESTON ...																															
SLAIDBURN ...																															
SQUIRES GATE AIRPORT ...																															
MERSEYSIDE																															
RIGBURN ...																															
BIDSTON ...																															
ST HELENS ...																															
SOUTHPORT ...																															
WEST KIRBY PARK ...																															
GREATER MANCHESTER																															
BOLTON ...																															
MANCHESTER																															
RINGWAY AIRPORT ...																															
WEATHER CENTRE (X) ...																															
CHESHIRE																															
KNUTSFORD ...																															
MACCLESFIELD ...																															
NESS GARDENS ...																															
ISLE OF MAN																															
DOUGLAS ...																															
POINT OF AYRE ...																															
RONALDSWAY AIRPORT ...																															
7B WALES N																															
GWYNEDD																															
BALA ...																															
BAROSEY ISLAND ...																															
BETHS-Y-COED ...																															
BOTHMNOG ...																															
CHWYSTROLLYN ...																															
LLYN ALAW ...																															
PEN-Y-FFRIDD ...																															
TRAFYNYDD ...																															
VALLEY ...																															
CLYDD																															
ALWEN ...																															
BMLCHGWYN ...																															
COLWYN BAY ...																															
CORNEN ...																															
HAWARDEN BRIDGE ...																															
LOGGERSHEADS ...																															
PRESTATYN ...																															
RUTHIN ...																															
PONYS(NORTH)																															
FORDEN ...																															
LAKE VYRNEY ...																															
LLANFAIR CREALION ...																															
MOEL CYNNEOD ...																															
8A WALES S																															
DYFED																															
ABERPORTH ...																															
ABERYSTWYTH ...																															
BRANDY ...																															
BRYNAMMAN ...																															
CARMARTHEN ...																															
CHWYSTWYTH ...																															
DALE FORT ...																															
GOGERDAN ...																															
MILFORD HAVEN (CONSERVANCY BOARD)																															
ORIELTON ...																															
SKOKHOLM ISLAND ...																															
TENBY ...																															
TRANSCOED ...																															
TREGARON ...																															
WHITECHURCH ...																															
PONYS(SOUTH)																															
CENARTH ...																															
LLANDENNY ...																															
WEST GLAMORGAN																															
MUMBLES HEAD ...																															
NEATH ...																															
PENMAEN ...																															
PORT TALBOT ...																															
SWANSEA ...																															
WHITEFORD BURROWS ...																															



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

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DECEMBER 1979

DISTRICT REGION/COUNTY AND PLACE		MAX. TERMINAL NIGHT MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C						MEAN SOIL 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 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																							
BA WALES S CONTINUED																												
MID GLANORGAN																												
ABERDARE FILTER STATION		9 9	174	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CILFYNYDD		21-9	194	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LLMYNDY		9 9	241	-	-	-	-	-	-	-	-	-	205	-	34	10	17	15	1	3	0	0	0	0	-	-	-	-
PORTHCAWL		9 9	6	10.0	5.0	7.5	-	15.3	4	-1.3	23.25	-	152	137	24	27	21	20	-	-	-	-	0	4	-	-	-	-
SOUTH GLANORGAN																												
BRIDGENO		9 9	40	9.7	4.1	6.9	-	15.2	4	-3.6	25	7.5	9.6	165	-	24	14	22	17	1	0	0	1	0	1	6	16	0
CARDIFF (BUTE PARK)		9 9	9	10.1	4.0	7.1	-	15.7	4	-3.5	21	7.3	9.1	181	-	36	27	22	20	2	0	0	0	1	8	15	0	1.50
RHOOSE AIRPORT		21-9	67	9.0	4.5	6.7	-	14.3	4	-2.9	25	-	-	144	-	27	9	20	15	5	0	3	5	0	0	6	13	12
ONENT																												
CRUMBAND		9 9	245	7.8	2.9	5.3	-	13.1	4	-3.5	22	6.1	7.3	211	197	65	27	21	17	2	0	0	0	1	4	8	14	4
USK		9 9	21	9.7	2.8	6.3	+1.6	16.0	4	-6.5	25	7.1	-	241	219	69	27	21	16	2	0	0	0	1	2	9	15	0
BB ENGLAND SW																												
AVON																												
BATH		9 9	118	-	-	-	-	-	-	-	-	-	-	134	171	48	27	18	14	-	1	-	-	-	-	-	-	-
FILTON		21-9	59	8.9	4.3	6.6	+1.5	14.8	4	-6.8	25	-	-	136	173	37	27	19	13	2	1	2	1	1	0	7	13	0
LONG ASHTON		9 9	51	9.4	3.9	6.7	+1.5	14.8	4	-4.2	25	7.7	-	157	185	43	27	20	18	2	0	1	0	0	0	6	15	2
SOMERSET																												
BRYMORE		9 9	23	10.4	4.2	7.3	-	15.4	2	-4.2	25	7.9	-	140	-	45	27	19	15	1	1	0	1	0	0	5	-	4
CREWKERNE		9 9	101	9.0	4.1	6.5	-	14.4	5	-3.4	22	6.9	-	190	-	66	27	21	17	0	0	0	0	1	-	5	-	1
DOWNSIDE ABBEY		9 9	183	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EXTON		21-9	329	7.3	3.0	5.1	-	12.9	6	-4.1	22	-	-	262	-	64	27	25	21	14	3	6	0	2	0	7	15	15
HAWKRIIDGE		9 9	314	8.0	2.3	5.1	-	12.9	6	-4.0	25	-	-	247	134	41	27	25	23	3	0	4	0	0	1	10	17	3
NETTLECOMBE		9 9	96	9.8	3.8	6.8	-	14.7	5.6	-3.2	25	7.7	-	212	-	59	27	22	19	3	0	1	0	0	0	5	12	0
NETTLECOMBE (BIROS HILL)		9 9	280	8.1	3.5	5.8	-	14.8	5	-3.5	22	-	-	225	-	57	27	23	21	3	1	1	1	0	0	4	12	1
RODNEY STONE		9 9	40	9.3	4.0	6.7	-	14.5	5	-2.4	25	7.8	9.3	120	132	45	27	22	15	3	0	0	0	0	0	5	15	1
WINCANTON		9 9	113	9.2	3.4	6.3	-	17.0	5	-5.0	25	-	-	149	153	40	27	22	16	4	0	0	1	0	0	6	12	3
YEOVILTON		21-9	18	9.6	3.9	6.7	-	15.6	5	-5.6	25	-	-	137	178	44	27	20	14	1	0	0	2	0	0	8	13	11
DORSET																												
BOURNEMOUTH																												
HURN AIRPORT		21-9	10	9.4	3.8	6.6	-	16.0	5	-7.0	25	-	-	148	174	48	27	18	12	3	0	0	0	0	1	10	12	2
DORSET TECH COLLEGE		9 9	50	9.4	3.7	6.5	-	15.5	5	-4.5	25	7.0	8.8	158	-	53	27	16	16	0	0	0	0	0	0	7	14	1
CHRISTCHURCH		9 9	4	9.6	4.3	6.9	-	15.5	5	-5.6	26	-	-	154	185	45	27	17	12	1	0	0	0	0	0	6	12	2
POOLE		9 9	5	9.7	3.8	6.7	+1.4	15.9	5	-5.4	25	8.2	9.7	168	205	54	27	21	13	2	0	0	1	0	0	7	14	0
PORTLAND BILL																												
(COASTGUARD)		21-9	53	9.6	6.6	8.1	+0.6	14.2	5	-0.5	22	-	-	162	-	49	9	16	11	1	1	0	1	0	0	1	-	14
SHARNAGE		9 9	11	9.8	5.4	7.6	+1.3	14.6	5	-2.5	25	-	10.6	151	169	47	27	20	13	2	0	0	0	1	0	1	9	7
WEYMOUTH		9 9	23	10.0	5.0	7.5	-	14.5	5	-2.0	22.25	-	-	131	-	42	27	19	16	2	0	0	1	0	0	6	-	0
WIMFRITH		9 9	26	10.1	4.1	7.1	-	15.6	5	-4.8	25	-	-	175	181	62	27	18	13	1	0	0	0	0	1	6	12	3
DEVON																												
CHARLETON		9 9	168	9.0	3.5	6.3	-	14.4	6	-3.9	25	7.5	-	177	-	34	27	22	19	1	1	0	4	1	-	7	11	0
EXETER AIRPORT		21-9	32	9.7	4.7	7.2	+1.3	15.9	5	-4.4	25	-	-	133	164	35	27	21	14	3	0	0	4	0	0	7	15	11
EXMOUTH		9 9	59	9.7	4.9	7.3	+1.3	15.2	5	-3.0	23.25	-	-	151	184	40	27	19	14	1	0	2	0	0	0	4	-	2
HARTLAND POINT		21-9	93	9.5	6.9	8.2	+1.2	16.0	6	0.1	22	-	-	122	130	35	27	21	15	0	0	1	2	0	0	0	2	19
HENYOCK		9 9	165	8.7	3.8	6.3	-	14.1	6	-3.2	22	-	-	167	-	41	27	23	17	-	1	-	-	-	-	5	-	-
ILFRACOMBE		9 9	8	10.7	6.6	8.7	-	16.1	4	0.8	22	9.3	10.7	205	175	45	27	22	20	0	0	0	3	0	0	0	-	-
MELBURY		9 9	143	9.6	4.1	6.9	-	15.1	2	-4.0	21	-	-	250	-	53	27	23	22	-	0	-	-	-	-	5	-	5
OKEHAMPTON		9 9	372	7.2	3.0	5.1	-	14.6	6	-4.5	22	-	-	301	-	76	27	23	21	3	0	0	3	0	2	5	14	2
PLYMOUTH																												
MOUNT BATTEN		21-9	27	10.1	6.0	8.1	+1.0	14.8	6	-2.7	23	-	-	178	162	33	27	23	15	1	0	1	4	0	0	5	9	7
THE NOE		9 9	36	10.0	5.3	7.7	+0.8	14.9	9	-2.6	23	8.2	-	153	143	30	26	21	17	1	0	0	1	0	0	7	13	4
PRARLE POINT		21-9	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PRINCETON		9 9	414	6.6	2.5	4.5	-	11.6	5	-4.7	22	-	-	433	-	90	26	26	24	8	5	0	0	0	0	7	17	9
RUMLION		9 9	38	9.8	3.8	6.8	-	15.0	5	-4.5	23	7.6	9.8	254	-	53	26	24	20	0	0	0	1	1	1	9	13	4
SIDMOUTH		9 9	10	9.9	4.7	7.3	+1.0	15.3	5	-2.0	25	-	-	135	163	35	27	19	15	0	0	0	0	0	0	6	-	1



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DECEMBER 1979

DISTRICT REGION/COUNTY AND PLACE	MAX. TERMINAL HEIGHT OF OBSERVATION MIN. OF STATION ABOVE MSL (METRES)	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C								MEAN SOIL 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 AMOUNT (MM)	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																				
NORTHERN IRELAND																														
LONDONDERRY																														
AGHANLOO ...	99	18	8.3	2.4	5.3	-	13.8	4	-0.8	16	-	-	99	11	26	23	20	1	0	1	0	0	1	2	19	4	-	-	-	
BANAGHER(CAUGH HILL) ...	99	216	6.3	1.7	4.0	-	11.5	1.4	-1.8	25	-	-	152	15	7	24	19	6	5	0	0	0	0	9	18	-	1.37	-	-	
BOOM HALL ...	99	37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CARNONEY ...	99	73	7.9	2.7	5.3	-	13.5	3	-1.0	15.24	-	-	101	11	26	22	17	-	1	-	-	-	0	3	-	-	-	1.13	-	
COLERAINE UNIVERSITY ...	99	23	7.8	2.2	5.0	-	13.4	4	-2.7	24	6.1	8.1	118	17	17	24	20	12	1	1	3	2	0	8	17	-	2	1.04	93	
COOLKEAROH ...	99	3	7.9	2.5	5.2	-	14.0	4	-0.7	24	-	-	118	15	29	20	19	-	-	-	-	-	5	-	-	-	-	-	-	
DERRYNOYD FOREST ...	99	88	7.1	1.5	4.3	-	12.7	4	-2.5	22	-	-	145	108	19	17	22	19	2	1	0	0	0	11	23	-	-	-	-	
GARYVAH FOREST ...	99	88	6.5	1.2	3.9	-	12.5	4	-2.7	15	-	-	124	95	14	26	27	19	-	0	0	0	0	13	25	-	-	-	-	
LOUGHMORE FOREST ...	99	174	6.2	1.0	3.6	-	12.2	4	-2.7	14	-	-	137	108	15	26	26	19	12	3	0	2	14	23	3	-	-	-	-	
MONEYDIO ...	99	34	7.2	1.7	4.5	0.0	13.1	4	-3.6	24	6.3	-	120	108	18	26	26	19	3	0	4	0	2	10	20	14	2	-	-	
TRAID POINT ...	99	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ANTRIM																														
ALDERGROVE AIRPORT ...	21-9	68	6.7	2.3	4.5	-0.1	12.6	4	-3.1	24	5.6	8.4	95	103	19	26	21	17	8	0	2	1	0	1	9	16	14	1	1.30	116
ALTNAMINCH ...	99	213	5.6	1.4	3.5	-	11.0	1.4	-1.8	30	-	-	147	92	23	26	24	20	9	3	3	0	0	0	13	19	6	0.74	-	-
BALLYLUNFORD ...	99	24	7.9	3.4	4.7	-	13.5	1	-0.6	24	-	-	121	-	26	26	21	14	-	-	-	-	-	2	11	-	-	-	-	-
BALLYPATRICK FOREST ...	99	152	6.9	2.4	4.7	-	12.0	4	-0.8	14.17	-	-	150	113	22	26	24	20	3	-	0	3	0	0	6	18	-	1	1.30	-
CARLLOUGH ...	99	12	8.0	2.9	5.5	-	13.6	1	-0.8	23	-	-	177	155	33	17	23	19	0	-	0	0	0	0	5	-	-	-	-	-
DIVIS MOUNTAIN ...	99	363	5.3	0.5	2.9	-	12.3	4	-3.2	12	-	-	150	121	29	27	22	22	6	-	0	0	0	-	18	-	-	-	-	-
GREENMOUNT ...	99	38	7.2	1.9	4.5	-	12.7	4	-2.7	14.24	6.3	-	97	108	19	26	21	19	5	0	0	0	0	-	11	20	-	-	-	-
HYDE PARK (MALLUSK) ...	99	140	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
KILROOT POWER STATION ...	99	12	7.9	2.7	5.3	-	12.9	1	-2.7	25	-	-	112	-	20	27	26	19	0	0	0	0	0	3	17	-	-	-	-	-
LISNAFILLAN ...	99	38	7.0	0.7	3.9	-	12.4	1.4	-5.0	22	-	-	121	115	26	26	23	20	5	0	0	1	0	0	15	20	-	-	1.26	-
LONTOWN ...	99	271	6.2	0.8	3.5	-	10.5	1.4	-4.0	24	5.2	-	146	102	25	26	25	20	4	2	0	0	0	7	13	20	-	2	1.04	-
PARKMORE FOREST ...	99	235	5.5	0.2	2.9	-	10.9	4	-3.3	24	4.7	-	201	118	27	17	25	22	4	7	0	0	1	4	21	21	-	3	-	-
WOODBURN NORTH ...	99	217	5.6	1.7	3.7	-	11.5	1	-1.6	24	-	-	151	126	30	26	24	21	5	0	0	0	0	1	12	19	-	-	-	-
BELFAST																														
ANDERSONSTOWN ...	99	64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HALONE ...	99	35	7.4	1.4	4.4	-	13.4	1	-3.7	24	6.5	-	98	-	18	26	22	19	-	-	-	-	-	14	19	-	-	1.55	-	-
HILLTOWN ...	99	37	7.4	2.0	4.7	-	13.2	1	-2.0	25	-	-	95	-	17	26	22	16	2	0	0	1	0	0	10	19	-	-	-	-
NEWTONABBIE ...	99	32	7.6	3.3	5.5	-	13.4	1	-1.8	24.25	6.3	-	115	108	23	26	20	16	6	0	2	0	0	1	2	20	16	4	1.45	-
ROSEBANK ...	99	47	7.8	2.5	5.1	-	13.2	1	-1.5	23	-	-	93	-	19	26	17	13	0	0	0	0	0	-	6	-	-	-	-	-
ROSETTA ...	99	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SHAW'S BRIDGE ...	99	15	7.4	1.4	4.4	-	13.4	1	-3.2	25	-	-	88	-	17	26	22	13	4	0	0	2	0	-	15	-	-	-	-	-
STORMONT CASTLE ...	99	56	7.2	2.4	4.8	-	12.6	1	-1.7	24	5.7	7.7	97	101	21	26	23	15	1	0	0	0	0	0	7	22	-	-	1.51	-
DOWN																														
BANGOR SEACOURT ...	99	15	7.7	3.6	5.7	-	13.3	1	-0.2	24	6.7	8.9	103	-	22	26	21	15	2	0	0	2	0	0	1	14	12	3	1.29	-
BALLYMATER PARK ...	-	11	-	-	-	-	-	-	-	-	-	-	91	108	20	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BALLYMATTICOCK ...	99	6	7.5	2.9	5.2	-	12.7	1.4	-1.0	15.25	5.3	7.5	93	117	16	26	20	15	1	0	0	0	0	0	3	18	18	1	1.72	-
BRYANSFORD ...	99	85	7.8	3.1	5.5	-	12.6	1	-1.5	25	6.1	8.7	96	-	16	9	21	16	3	-	1	0	0	0	3	19	16	1	1.46	-
DOWNPATRICK ...	99	26	7.9	3.1	5.5	-	13.2	4	-1.1	24.25	-	-	105	-	30	14	20	14	-	-	-	-	-	0	4	16	-	-	-	-
HELENS BAY ...	99	43	7.3	3.3	5.3	-	13.0	1	-0.8	25	-	-	103	120	22	26	23	16	4	0	0	0	0	-	3	14	-	2	1.36	-
HILLSBOROUGH ...	99	116	6.8	2.1	4.6	-0.2	12.6	1	-2.2	24	6.0	7.7	88	99	17	26	22	17	5	1	0	0	0	0	8	17	-	3	1.52	125
LONG KESH ...	21-9	37	7.0	2.2	4.6	-	13.2	1	-4.4	24	5.8	7.7	86	-	16	26	19	17	1	0	0	0	0	0	4	17	-	-	1.71	-
LOUGH CONEY ...	99	10	7.8	2.4	5.1	-	13.0	4	-2.0	25.29	-	-	91	-	23	26	21	15	7	0	1	0	0	0	15	20	-	-	1.41	-
MAGHERALLY ...	99	97	6.4	0.9	3.7	-	12.1	1	-5.2	24	-	-	82	-	15	26	22	15	7	0	1	0	0	-	15	20	-	-	-	-
MURLLOUGH ...	99	9	7.8	2.2	5.0	-	13.8	1	-2.8	25	6.0	7.4	110	-	23	26	22	17	0	0	0	0	0	0	11	18	-	4	1.70	-
NEWRY ...	99	1	7.7	2.7	5.2	-	13.3	4	-1.3	30	-	-	118	-	25	26	19	17	1	0	0	0	0	1	7	18	-	-	1.35	-
SILENT VALLEY ...	99	129	7.1	2.1	4.6	-	12.1	4	-1.9	24	-	-	148	-	29	26	21	17	5	0	0	0	0	1	11	17	-	-	1.75	-
ARMAGH																														
ARMAGH ...	99	62	6.6	2.0	4.3	-0.6	12.5	4	-2.2	22	5.6	7.8	92	105	14	6	21	16	5	0	0	0	0	0	10	21	-	9	1.45	123
LOUGHALL ...	99	25	7.4	2.0	4.7	-	13.1	1.4	-3.0	22	-	-	82	101	14	6	19	14	2	0	0	0	0	0	11	22	-	2	1.49	-
LURGAN ...	99	55	7.1	2.1	4.6	-	12.9	1	-2.4	22	5.8	7.9	81	98	15	26	22	14	0	-	0	0	0	-	10	20	-	-	1.55	-
TANDRAGEE ...	99	43	7.6	1.4	4.5	-	13.5	1	-4.0	24	-	-	64	-	11	10	15	14	3	-	0	0	0	-	13	-	-	-	-	-
TYRONE																														
ALTAVEEDAN ...	99	175	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CARRIGANS ...	21-9	113	6.7	2.0	4.3	-	12.8	1	-2.2	24	-	-	152	125	14	12	26	19	6	2	0	5	1	2	9	21	17	3	1.10	-
COCKSTOWN ...	99	77	6.9	1.5	4.2	-	12.6																							







TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

DECEMBER 1979

DISTRICT, REGION/COUNTY AND PLACE	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 - 39 M	40 - 190 M	200 - 390 M	400 - 990 M	1000 - 1900 M	2000 - 3900 M	4 - 9 KM	10 - 19 KM	20 - 39 KM	40 KM AND OVER	BEAUFORT FORCE								N	NE	E	SE	S	SW	W	NW																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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[illegible]



TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

DISTRICT, REGION/COUNTY AND PLACE	HEIGHT OF BAROMETER ABOVE MSL (METRES)	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT					VISIBILITY					WIND SPEED AND DIRECTION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
			AT MSL (MB)	DIFFERENCE FROM 1941-70 AVERAGE	DRY BULB (DEGREES C)	DEPRESSION OF MET BULB (DEGREES C)	WET BULB (DEGREES C)	VAPOUR PRESSURE (MB)	RELATIVE HUMIDITY (%)	OKTAS					0 - 39 M	40 - 190 M	200 - 390 M	400 - 990 M	1000 - 1900 M	2000 - 3900 M	4 - 9 KM	10 - 19 KM	20 - 39 KM	40 KM AND OVER	BEAUFORT FORCE					N	NE	E	SE	S	SW	W	NW																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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TABLE 5 NUMBER OF DAYS WITH MAXIMUM AND MINIMUM TEMPERATURES BETWEEN GIVEN LIMITS

DECEMBER 1979

TABLE 5. NUMBER OF DAYS WITH MAXIMUM AND MINIMUM TEMPERATURES BETWEEN GIVEN LIMITS																																		
STATION	MAXIMUM °C								MINIMUM °C								STATION	MAXIMUM °C								MINIMUM °C								
	0.0 OR LESS	0.1 TO 5.0	5.1 TO 10.0	10.1 TO 15.0	15.1 TO 20.0	20.1 TO 25.0	25.1 TO 30.0	ABOVE 30.0	-15.0 OR LESS	-14.9 TO -10.0	-9.9 TO -5.0	-4.9 TO 0.0	0.1 TO 5.0	5.1 TO 10.0	10.1 TO 15.0	ABOVE 15.0		0.0 OR LESS	0.1 TO 5.0	5.1 TO 10.0	10.1 TO 15.0	15.1 TO 20.0	20.1 TO 25.0	25.1 TO 30.0	ABOVE 30.0	-15.0 OR LESS	-14.9 TO -10.0	-9.9 TO -5.0	-4.9 TO 0.0	0.1 TO 5.0	5.1 TO 10.0	10.1 TO 15.0	ABOVE 15.0	
LERWICK (PSYCHROMETER)	0	15	16	0	0	0	0	0	0	0	0	6	21	4	0	0	CAMBRIDGE BOTANIC GARDENS	0	8	9	12	2	0	0	0	0	0	0	6	15	10	0	0	
LERWICK (SCREEN)	0	14	17	0	0	0	0	0	0	0	0	5	25	1	0	0	EDOBASTON	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
STORNOWAY	0	8	21	2	0	0	0	0	0	0	0	3	22	6	0	0	KEW (PSYCHROMETER)	0	7	9	14	1	0	0	0	0	0	0	1	4	12	10	4	0
CRAIBSTONE	0	11	17	3	0	0	0	0	0	0	0	8	22	1	0	0	KEW (NORTH-WALL SCREEN)	0	9	9	12	1	0	0	0	0	0	0	0	3	13	11	4	0
ROTHESAY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	HASTINGS	0	6	11	14	0	0	0	0	0	0	0	4	15	7	5	0	
ABBOTSINCH	1	10	17	3	0	0	0	0	0	0	1	13	8	9	0	0	SOUTHAMPTON	0	3	12	15	1	0	0	0	0	0	0	5	13	8	5	0	
ESKDALEMUIR (PSYCHROMETER)	3	12	14	2	0	0	0	0	0	0	1	12	13	5	0	0	RINOWAY	0	11	10	10	0	0	0	0	0	0	0	1	14	12	4	0	
ESKDALEMUIR (SCREEN)	3	12	14	2	0	0	0	0	0	0	2	10	14	5	0	0	VALLEY	0	1	17	13	0	0	0	0	0	0	0	0	1	14	12	4	0
DOUGLAS	0	5	17	9	0	0	0	0	0	0	0	0	17	14	0	0	RHOOSE	0	5	11	15	0	0	0	0	0	0	0	6	10	13	2	0	
BOULMER	0	10	15	6	0	0	0	0	0	0	0	4	21	5	1	0	FALMOUTH	0	1	12	18	0	0	0	0	0	0	0	2	14	11	4	0	
HULL	0	10	11	10	0	0	0	0	0	0	0	4	18	9	0	0	ALDERGROVE	0	12	13	6	0	0	0	0	0	0	0	9	15	7	0	0	
DORLESTON	0	7	11	13	0	0	0	0	0	0	0	3	18	10	0	0	ARMADON	0	14	10	7	0	0	0	0	0	0	0	10	15	6	0	0	

TABLE 6 SUMMARY OF AUTOGRAPHIC RECORDS OF WIND

DECEMBER 1979

DISTRICT REGION/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)					HIGHEST VALUES																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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				ABOVE MSL	ABOVE GROUND	EFFECTIVE	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 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TABLE 6 SUMMARY OF AUTOGRAPHIC RECORDS OF WIND

239  
DECEMBER 1979

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DUPLICATE ALSO

THE METEOROLOGICAL OFFICE

## MONTHLY WEATHER REPORT

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

MET.0.930

UDC 551 506 1 (41-4)

SUMMARY 1979

VOLUME 96

NUMBER 13

- 1 APR 1982



## Cold with widespread snow early in year; wet spring, then changeable.

Apart from brief mild spells, the first few months were mostly cold with widespread snowfall occurring at times until early May. The period from March to May was very wet over the whole of the United Kingdom but the next two months were much drier in most districts. After a cool and wet August, September was another dry month in many areas although temperatures were mostly a little below normal. October was generally mild with mean temperatures above average everywhere. Northern districts were wet during November and rainfall was above average everywhere in December.

## WEATHER

**January** - The month was very cold with only brief milder spells. Snowfall was occasionally heavy and, with winds reaching gale force at times, severe drifting occurred in some areas. Despite the wintry conditions, sunshine totals were above average in many districts.

**February** - Most areas were cold for the first three weeks but the weather then became milder. Snowfall occurred at times until just after mid-month and strong winds led to considerable drifting in places. However, northern districts were often dry with rainfall totals well below average.

**March** - A wet and often windy month. It was rather mild at first but around mid-month very cold weather spread to all areas with heavy snowfall in many places, particularly in north-eastern England and eastern Scotland.

**April** - The month started with a cold and unsettled spell of weather. However, for a few days around mid-month all areas became much warmer and drier before cooler, changeable conditions returned and persisted until the end of the month.

**May** - The first ten days were very cold and unsettled with widespread night frosts. There were showers or longer periods of snow in all areas. Just before mid-month drier and much warmer weather extended to all areas but after a few days cooler, changeable conditions returned again.

**June** - Although there was a fine, warm spell in many areas towards the end of the third week, the weather during most of the month was rather unsettled and often thundery. However, many places had rainfall totals well below the average for the month.

**July** - Warm spells alternated with somewhat cooler weather throughout the month. Apart from north-western parts of Scotland, many areas were dry for much of the month although the weather during the last few days was very unsettled with heavy thunderstorms in places.

**August** - Until the last week the weather was very changeable and mostly cool. Around mid-month there were gales over much of England and Wales, the gales being particularly severe in south-western districts. The last week was warmer and drier in most areas.

**September** - Changeable weather affected north-western areas for most of the month but elsewhere it was often dry and sunny. There were a few warm days in the first half of the month but it then became cooler generally.

**October** - the weather was changeable throughout the month although it was rather warm at first. From mid-month onwards temperatures were mostly near normal with slight frost in many districts during the last few days.

**November** - Unsettled weather affected the United Kingdom for most of the month. North-western areas were wet but, in contrast, some southern parts of England had less than half the normal rainfall. There were a few very mild days in the first and last weeks but the middle of the month was cold with snow in many districts.

**December** - The weather was very unsettled with severe gales at times. The first half of the month was generally mild but colder weather then spread to all districts. Rainfall was occasionally heavy and there was widespread flooding in south-western parts of England and Wales during the last week.

## WIND

In inland areas of the United Kingdom the frequency of gales during the year was about average but in coastal districts there was considerable variation from one area to another. Around the coasts of Scotland the occurrence of gales was about average in the west, except at Stornoway where the frequency was only about 30 per cent of normal; in eastern areas from Orkney to Fife occurrences were also below average. In coastal districts of England, Wales and Northern Ireland gales occurred on about or a little below the average number of days in most places but the frequency was below average in south-western parts of Wales. Around the Irish Sea there were variations from well below average in the Isle of Man to well above average in Anglesey.

Gales occurred on several days during the first half of January with easterly winds giving gusts of between 65 and 70 kt at places in south-western England between the 3rd and 5th. Winds also reached gale force in exposed coastal areas on a few days during the second half of the month. During February winds were often fresh or strong with occasional gales in places and in March gales were frequently reported, particularly in the north and west of Scotland although coastal areas of England and Wales were also affected at times. Winds were light at the beginning of April but on the 12th gales occurred in western areas and at the end of the month

winds reached gale force in northern coastal districts. Throughout May, June and July winds were often light with sea-breezes developing at times; on a few occasions, however, winds increased to reach gale force in exposed coastal areas. There were gales during the second week of August, mostly in southern coastal areas on the 9th and over many parts of England and Wales on the 14th. The gales were severe in south-western districts on the 14th and in the area between Lands End and south-west Ireland 23 yachts taking part in the Fastnet Race were abandoned or sank with the loss of 15 lives; 4 other yachtsmen lost their lives in the same area and there were several fatalities on land. Although the gales were not so severe inland, a number of places recorded their highest gust speeds for any August. Gales occurred again in south-western areas on the 16th but winds were then generally lighter until the end of the month. Throughout September and October winds were frequently fresh or strong in exposed western and northern areas with gales at times but elsewhere winds were generally lighter. During November winds were often fresh or strong; gales occurred at times, becoming severe around Irish Sea coasts on the 25th and 26th. December was a windy month with severe gales at times: on the 4th, during widespread gales over Scotland, north-western England and North Wales a gust of 96 kt was recorded at the Royal Observatory in Edinburgh and on the 15th at least 1000 trees were reported to have been blown down in Cornwall during severe gales in south-western areas. There were severe gales again in places on the 17th and 27th, high winds leading to some loss of life and causing considerable damage.

## TEMPERATURE

Mean temperatures for the year were below average everywhere. Over most of the United Kingdom values were between 0.5 and 1.0 °C below normal but in the extreme north of Scotland and in Co. Down values more than 1 °C below normal were recorded, while in parts of the Greater London area and around the Thames Estuary mean temperatures were less than 0.5 °C below normal. Monthly maximum, minimum and mean temperatures were well below normal in all areas from January to May and continued below average in many areas throughout the summer and early autumn. October was a mild month with temperatures above average but mean temperatures were below average again in November in many northern and eastern areas. In December mean temperatures were above normal over England and Wales and much of Scotland but a little below average elsewhere.

**January** - This was the coldest January over the United Kingdom generally since 1963 and since the early 1940s in some places with monthly mean temperatures away from coastal areas of between 3 and 4 °C below average. Very low night minima occurred in places, particularly at some high-level stations in Scotland where the minimum of -24.6 °C recorded at Carnwath (Strathclyde) on the night of 12th/13th was the lowest temperature recorded in the United Kingdom in any month since 1955 and the second lowest since 1895.

**February** - Mean temperatures for the month were below average almost everywhere with values between 2 and 3 °C below normal in many areas. Most places were cold until after mid-month but temperatures then gradually returned to nearer the normal.

**March** - Although the early part of the month was relatively mild, colder conditions spread to all areas around the middle of the month. Over both Scotland and Northern Ireland it was the coldest March since 1969 with mean temperatures mostly between 1.5 and 2.5 °C below normal. Over England and Wales mean temperatures ranged from just a little below normal in East Anglia to about 1.5 °C below normal in the north.

**April** - Monthly mean temperatures were below average in all areas with values ranging from near normal to about 1.5 °C below normal. The first week was rather cold but during the second week temperatures rose everywhere and around mid-month it became warm in many districts. From the 16th onwards temperatures were generally near or a little below normal again.

**May** - Although there was a warm spell around mid-month, mean temperatures for the month were up to 2 °C below average almost everywhere. During the first week widespread night frost occurred; on the 4th the temperature at Eskdalemuir (Dumfries & Galloway) fell to -7.1 °C the lowest recorded there in any May since records began at the Observatory in 1910.

**June** - Monthly mean temperatures were mostly within 1 °C of normal, being a little above average over much of Scotland and northern England and below average elsewhere. The first few days were warm in many inland areas, particularly in Scotland where a maximum of 29.0 °C was recorded at Corpach (Highland Region) on the 3rd. It became warm again between the 17th and 20th in most districts.

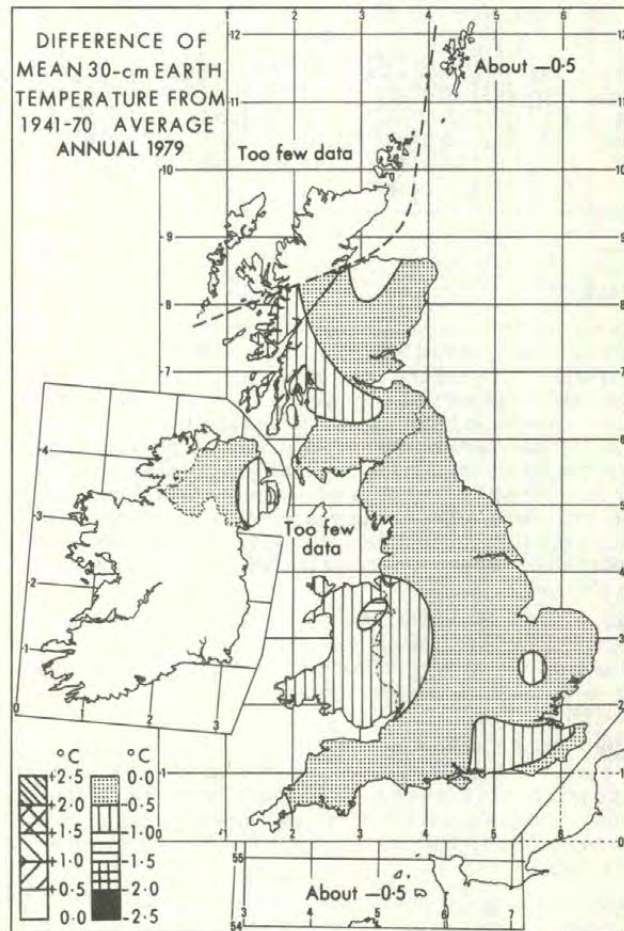
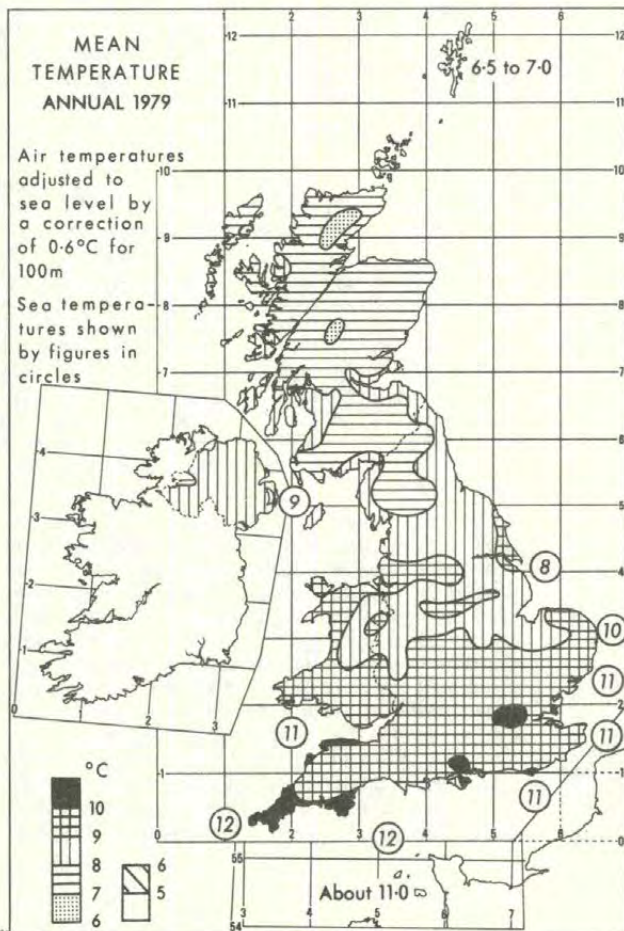
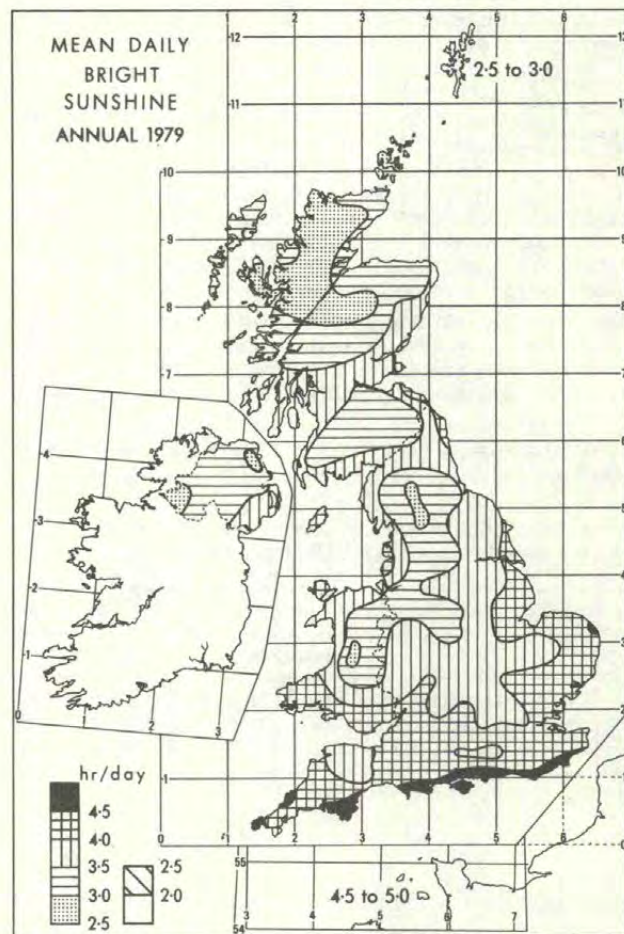
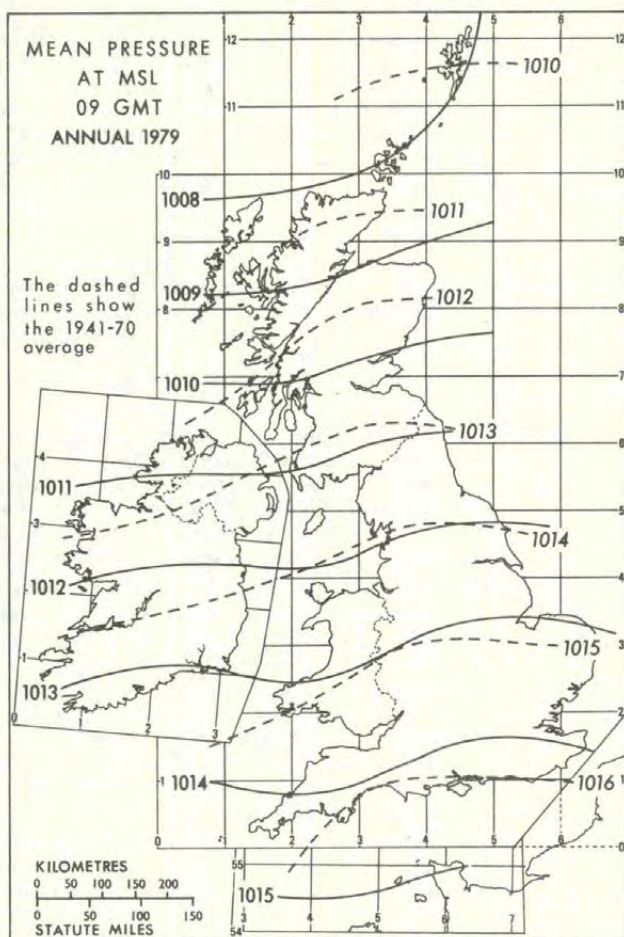
**July** - Monthly mean temperatures were within 1 °C of normal everywhere. Throughout the month warm spells alternated with somewhat cooler weather. Many places in Scotland recorded their highest temperature of the month on the 12th, while in other areas monthly maxima mostly occurred on the 27th when temperatures of at least 30 °C were recorded at several places in southern England.

**August** - There were a few warm days during the month but it was generally rather cool with monthly mean temperatures a little below average everywhere. Many areas had a warm day on the 12th and it became warm again during the last three days when a maximum of 27.0 °C was recorded at Aldenham School in Hertfordshire.











**September** - In a few widely scattered areas monthly mean temperatures were a little above normal but elsewhere were around or a little below average. The first half of the month was generally warmer than the second; the highest temperatures occurred on the 6th when a number of places in eastern and southern England had maxima of at least 26°C.

**October** - Monthly mean temperatures were above average in all districts with values ranging up to a little over 1°C above the normal for the month. The first half of the month was generally rather warm but temperatures then returned to near normal. The night of the 8th/9th was unusually warm in many districts; at Manchester Airport the minimum of 16.8°C on that night was the highest recorded in any October in the Manchester area since records began there in 1877.

**November** - Mild days occurred during the first week and very mild conditions spread to most districts during the last few days of the month. However, the middle of the month was much colder with night frost in many places. Monthly mean temperatures were within 1°C of average almost everywhere with mean maxima over England, Wales and Northern Ireland a little above normal in most places whilst mean minima were mostly below average.

**December** - Over England, Wales and much of Scotland monthly mean temperatures were above average with values in many places between 1 and 2°C above normal. Elsewhere mean temperatures were a little below average. The first half of the month was generally mild but it then became colder with night frost at times.

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 for the District Value Stations from the corresponding 1941-70 averages.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
	degrees Celsius												
(a)	-3.1	-2.3	-0.9	-0.7	-1.3	-0.4	+0.2	-0.7	-0.4	+0.6	+0.1	+1.2	-0.7
(b)	-2.7	-1.8	-1.8	-0.8	-1.6	+0.1	-0.2	-0.8	-0.6	+0.7	-0.4	+0.1	-0.8
(c)	-3.1	-1.7	-1.9	-1.3	-2.2	-0.4	+0.3	-0.8	-0.6	+0.5	+0.2	-0.1	-0.9

The highest and lowest temperatures recorded at any station in each month

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	degrees Celsius											
(a) Max	11.7	11.8	16.0	23.5	27.7	27.6	30.6	27.0	26.7	23.3	17.9	17.0
Min	-16.8	-11.5	-10.0	-8.9	-5.8	-0.5	2.0	0.0	-2.9	-4.6	-10.2	-8.0
(b) Max	10.1	12.9	15.7	17.7	25.0	29.0	26.0	24.4	23.6	21.6	18.1	15.5
Min	-24.6	-16.4	-16.5	-7.5	-7.1	-1.1	0.3	-0.9	-6.1	-2.8	-11.6	-10.7
(c) Max	10.7	12.2	13.0	17.3	20.4	25.7	25.0	23.6	22.0	19.2	18.5	14.0
Min	-15.2	-7.7	-7.0	-5.9	-5.3	1.1	3.0	2.0	-1.1	-1.6	-5.7	-5.2

## RAINFALL

Rainfall totals for the year were above average over much of the United Kingdom with values ranging up to a little over 125 per cent of normal. However, in some eastern parts of Scotland and a few other areas scattered throughout the United Kingdom values just a little below average were recorded. During the winter months of January and February rainfall was about average over England and Wales but Scotland and Northern Ireland were relatively dry. Rainfall was well above average everywhere in the spring and over England and Wales it was the wettest such period for over 150 years. Although rainfall was below average in the summer as a whole, August was a wet month in many places. September was dry in most areas but throughout the rest of the autumn northern areas and particularly Northern Ireland had above-average rainfall. December was another wet month almost everywhere.

**January** - Monthly totals were above average in parts of eastern, central and south-eastern England, in coastal areas along the Channel, in parts of Northern Ireland and also in northern and western Scotland. Elsewhere totals were below average with only about half the normal at some places in eastern Scotland and northern England.

**February** - Rainfall varied from more than twice the normal in parts of south-western England to less than 10 per cent of normal in places along the eastern coast of Scotland where only 2 mm was recorded at Arbroath (Tayside), the lowest February total there since 1934. In general, monthly totals were above average in eastern and southern districts of England but were below average elsewhere in the United Kingdom.

**March** - Above-average rainfall was recorded in all areas and over England and Wales taken together this was the wettest March since 1947. More than twice the normal rainfall occurred over large areas in England, Wales and Scotland, while in parts of north-eastern England more than 400 per cent of normal was recorded.

**April** - Rainfall totals were above average in Northern Ireland, in much of England and Wales and also in eastern Scotland. More than 150 per cent of normal fell in north-eastern Scotland and also in an area extending from West Yorkshire to the Sussex coast.

**May** - Over much of the United Kingdom rainfall totals were well above average. More than twice the normal was recorded in parts of Wales and in a broad belt extending from Tyne and Wear to Dorset. Heavy rain led to extensive flooding in parts of southern England on the 30th; at Beaminster (Dorset) 61.0 mm fell in 5½ hours from 0800 GMT and at Wokingham (Berkshire) 40.4 mm was recorded in 50 minutes from 1650 GMT.

**June** - In the north of Scotland and a few other small areas scattered throughout the United Kingdom totals were above average. However, most areas had below-average rainfall with many places recording less than half their normal for the month. At the Royal Observatory in Edinburgh only 3.5 mm of rain was measured, the lowest June total since records began there in 1896. In contrast; there were heavy falls in some places; at Embsay Reservoir (North Yorkshire) 29.5 mm fell in 10 minutes from 1333 GMT on the 13th leading to flooding in the nearby town of Skipton.

**July** - Although rainfall totals were above average in north-western Scotland and also in a few isolated areas in southern and eastern England, most parts of the United Kingdom had a dry month with less than half the normal rainfall in many districts. In a few places along the south coast of England there was no measurable rainfall until the 28th. However, on the 29th there were heavy falls in places; 58.6 mm fell in 2 hours from 1400 GMT at Bramdean Woodcote (Hampshire) and at Broadwell Abbey in Buckinghamshire 45.7 mm was recorded in 42 minutes from 1518 GMT.

**August** - Rainfall totals were above average over much of the United Kingdom although there was considerable variation from area to area. In Scotland, Prestwick (Strathclyde) had its wettest August since records began there in 1942, while around Inverness (Highland Region) only about half the normal for the month was recorded. In parts of Bedfordshire almost twice the normal fell but some places in the Greater London area had only about half their normal rainfall.

**September** - Most parts of the United Kingdom away from the north and north-west had a dry month with less than 50 per cent of the normal rainfall in many areas and below 25 per cent in some places in south-eastern Scotland, north-eastern Wales and in parts of southern and eastern England.

**October** - Rainfall totals were very variable. In Scotland, only about half the normal was recorded in some parts of the north-west, while more than twice the normal fell in the Aberdeen area (90.3 mm was recorded in 15 hours on the 4th at Aberdeen Airport). There was similar contrast between totals in parts of England; less than 50 per cent of normal fell in coastal areas of East Anglia but in parts of Bedfordshire and Cambridgeshire around 150 per cent was recorded.

**November** - Most northern and western parts of the United Kingdom had above-average rainfall. In Northern Ireland it was the second wettest November this century and in Scotland Glasgow had its wettest November since 1939. The heaviest daily fall of the year in the United Kingdom occurred at Honister Pass in Cumbria when 185.2 mm was recorded in the 24 hours from 0900 GMT on the 25th.

**December** - Monthly rainfall totals were well above average almost everywhere and in many parts of England and Wales more than twice the normal was recorded. Rainfall was very heavy over much of England, Wales and southern Scotland on the 26th and 27th leading to extensive flooding, particularly in south-western England and South Wales. At Venford Reservoir on Dartmoor 223.4 mm fell in the 48 hours from 0900 GMT on the 26th.

The following table gives monthly and annual rainfall amounts for the District Value Stations, expressed as percentages of the corresponding 1941-70 averages 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)	103	106	222	120	183	66	46	106	46	93	90	183	110
(b)	84	36	196	113	105	81	92	108	80	113	147	138	108
(c)	90	38	130	128	130	71	51	125	70	129	157	108	103

## THUNDER

Thunderstorms were reported at times in each month throughout the year. During the first three months and also in the last four months storms were very scattered but during April thunderstorms occurred on several days and on the 8th eleven players taking part in a soccer match at Caerleon in Gwent were taken to hospital after being struck by lightning. During the second half of May thunderstorms occurred in many parts of the United Kingdom and on the 30th there was extensive flooding in some south-western and southern districts of England following heavy storms. There were thunderstorms in many areas during the first half of June and again on the 24th when storms occurred widely over central and southern parts of England and Wales. Severe thunderstorms occurred in many places during the last few days of July and on the 29th lightning struck a group of people on the beach at Skegness in Lincolnshire, killing a six-year-old child. There were thunderstorms in places during the first three weeks of August with flooding in some southern and eastern parts of England following heavy storms on the 3rd.

## SNOW AND SLEET

January was a snowy month over the whole of the United Kingdom with falls of snow or sleet on more than the average number of days. There was also more than average snowfall in February over parts of the Pennines, north-eastern England, the Southern Uplands of Scotland and over Northern Ireland. During both March and May the frequency of snowfall was again above average over the whole of the United Kingdom and in April Northern Ireland, southern Scotland, the Pennines, Wales and south-western England also had snow or sleet on more than the average



number of days. In Scotland patches of snow remained in sheltered places on high ground throughout the summer and in both September and October snow lay for a few days above about 900 m. During November snowfall was above average over Scotland but about or below average elsewhere. Shetland had above average snowfall in December whilst in remaining parts of the United Kingdom the frequency was about or just a little above average.

**January** - Wintry showers or longer periods of snow occurred frequently and gale-force winds led to extensive drifting at times. Accumulated depths of at least 20 cm were measured at a number of places and undrifted depths in excess of 50 cm were reported at a few places in the north. Drifts of at least 2 m were reported at times in Shetland, over the Pennines and on Dartmoor.

**February** - Snowfall occurred at times in most areas up to about the 17th. There were heavy falls in places, particularly in Shetland at the beginning of the month when strong north-westerly winds led to much drifting and on the 9th/10th in south-western England and South Wales where depths of about 20 cm were reported. Between the 14th and 16th there was widespread snowfall in all districts with blizzard conditions in northern and eastern Scotland and over the Pennines: in East Anglia undrifted depths of between 20 and 30 cm were measured at several places around mid-month, while over the Pennines level depth exceeded 50 cm in places.

**March** - Wintry showers were mostly confined to northern areas during the first two weeks but around mid-month snowfall became more widespread. In the Newcastle upon Tyne area snow fell continuously from the 16th until the morning of the 19th, level snow accumulating to a depth of 45 cm at Gosforth. Around this time depths in excess of 30 cm were reported widely in northern England and North Wales with drifts up to 3 m or more in places. Eastern and southern Scotland were affected by heavy snowfall on the 20th and 21st with snow lying to depths of more than 20 cm on low ground; at Crumond in Lothian a depth of 27 cm was measured on the 22nd, the greatest undrifted depth recorded there in 22 years.

**April** - During the first ten days and again in the last week snow or sleet showers occurred in many areas. Snow did not lie for long on low ground and over the high ground of Scotland and the Pennines the snow cover receded rapidly after about the 10th, although it persisted all month on the higher summits in Scotland.

**May** - Showers or longer periods of snow or sleet occurred in all parts of the United Kingdom between the 1st and 9th with snow showers as far south as the Channel Islands on the 2nd, 3rd and 4th. There were further falls of snow or sleet in Scotland and the Northern Isles on the 18th and 19th. Snow cover was unusually persistent over the higher ground in Scotland and northern England but on low ground snow did not lie for long.

**June** - Over high ground in the north some fresh snow was reported down to about 750 m on the 14th and patches remained in sheltered areas for the rest of the month.

**July, August** - By the end of July only a few patches remained in sheltered areas on the high ground in Scotland.

**September** - Snow showers were reported over high ground in Scotland on the 14th and 21st.

**October** - Sleet was reported on the Orkney Isles on the 20th but the only reports of snowfall elsewhere in the United Kingdom were confined to the higher parts of the Scottish mountains on a few occasions during the second half of the month.

**November** - There were scattered snow or sleet showers over high ground in Scotland at the beginning and end of the month. However, on the 8th and 9th snowfall was widespread over Scotland and also over high ground in England and Wales. On the 14th and 15th snow affected many parts of the United Kingdom and lay for a time on low ground, particularly in western Scotland.

**December** - Until around mid-month reports of sleet or snow were restricted to the high ground in Scotland but from the 14th onwards snowfall occurred at times in all areas. Snow lay all month on the tops of the higher mountains in Scotland but on low ground throughout the United Kingdom snow lay on only a few occasions.

## SUNSHINE

Annual sunshine totals were mostly within about 10 per cent of normal. Values were a little above-average over some eastern parts of Scotland and England and also in a few other well-scattered places throughout the United Kingdom but were below average elsewhere. Monthly totals were very variable although January and September were sunny months in most areas whilst April and May were generally dull with totals below normal in many places.

**January** - Sunshine totals were below average in a few places along the east coast of England, in western parts of Northern Ireland and in northern and western parts of Scotland. Elsewhere totals were above average with more than 150 per cent of normal being recorded in the Edinburgh area and in parts of central and south-western England. At Torbay in Devon it was the sunniest January since records began there towards the end of the last century.

**February** - Above-average sunshine was recorded in most northern and western districts of Scotland, England and Wales and also in some parts of Northern Ireland. Elsewhere totals were below average with some places in East Anglia and Kent recording only about 65 per cent of normal.

**March** - Sunshine was above average over most parts of Northern Ireland and also over much of Scotland. At Tiree in the Inner Hebrides it was the sunniest March since 1937 with 152 per cent of average sunshine being recorded. Except for a few places in the south-east and south-west totals in England and Wales were below normal.

**April** - Apart from small areas in South Devon, along the coast of North Wales, in the Isle of Man and around the Solway Firth sunshine totals were below average. Parts of north-eastern Scotland and Orkney were particularly dull; in the Grampian Region both Kinloss and Dyce had their lowest April totals since their records began in 1952 and 1946 respectively.

**May** - Sunshine totals were a little above average in the Glasgow area, some coastal districts of eastern Scotland and north-eastern England, East Anglia and parts of southern England. Elsewhere values were mostly between 80 and 100 per cent of normal but in western parts of Northern Ireland and at some places in northern Scotland only about 70 per cent of normal was recorded.

**June** - In much of the eastern half of Scotland and in the Glasgow area, in the Isle of Man and in north-eastern England north of the Humber sunshine totals were around or a little above average. Elsewhere below-average sunshine was recorded with values mostly between 75 and 100 per cent of normal. Over Northern Ireland it was the duller June since 1966.

**July** - North-western England, North Wales, parts of the Midlands, East Anglia and south-eastern England had below-average sunshine with values between 75 and 100 per cent of normal in most places. Northern Ireland and much of Scotland also had less than average sunshine, the Hebrides and western parts of the Scottish mainland being particularly dull with less than 50 per cent of normal. Sunshine totals were a little above average elsewhere.

**August** - Over most of England and Wales sunshine totals were within about 10 per cent of normal. In Scotland, south-western districts had above-average sunshine but in remaining areas less than average was recorded with values down to about 65 per cent of normal in Orkney. In Northern Ireland totals varied from about 75 per cent of normal in the west to 125 per cent in Co. Down.

**September** - Sunshine totals were above average over most of the United Kingdom with values in many central and eastern areas in excess of 125 per cent of normal. Only at a few places in the Shetlands and Hebrides, in parts of Northern Ireland, in the Isle of Man and in southern coastal districts of Cornwall and Devon were totals just a little below average.

**October** - Monthly sunshine totals were above average over north-western parts of Scotland, most of Northern Ireland and much of England and Wales, apart from northern counties and some southern and eastern coastal districts. At a few places values exceeded 130 per cent of normal, but, in contrast, some parts of southern and eastern Scotland had only 75 per cent of normal and at Lerwick in Shetland only 41.3 hours of sunshine were recorded, the lowest October total there since 1945.

**November** - Above-average sunshine was recorded in Orkney, Shetland, eastern and southern Scotland, most of Northern Ireland, North Wales and much of England, with values up to 150 per cent of normal at a few places. Totals in remaining areas were mostly between 75 and 100 per cent of the normal.

**December** - Sunshine totals were below average in south-western districts of England and Wales, in western parts of Northern Ireland and in much of the Highland and Grampian Regions of Scotland. Elsewhere in the United Kingdom above-average sunshine was recorded with a few places exceeding 140 per cent of their normal for the month.

The following table gives monthly and annual values of sunshine for the District Value Stations, expressed as percentages of the corresponding 1941-70 averages 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)	121	86	80	81	95	84	98	99	122	105	113	114	97
(b)	109	120	102	79	92	97	75	90	123	89	106	106	96
(c)	110	103	106	84	83	84	73	97	100	112	105	108	92

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

Station	Hours	Station	Hours
L'Ancrese (Guernsey)	1878.2	Hayling Island (Hampshire)	1795.8
Shanklin (Isle of Wight)	1856.2	Gorey Castle (Jersey)	1791.6
Torbay (Torquay) (Devon)	1844.7	Eastbourne (East Sussex)	1779.5
St Helier (Jersey)	1830.9	Littlehampton (East Sussex)	1776.3
Bognor Regis (West Sussex)	1821.5	Portland Bill Coastguard (Dorset)	1775.9

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
Silent Valley (Co. Down)	1397.1	Arbroath (Tayside)	1505.8	Dale Fort (Dyfed)	1679.9
Murlough (Co. Down)	1396.6	Dunbar (Lothian)	1503.2	Porthcawl (Mid Glamorgan)	1569.4
Ballywalter Park (Co. Down)	1382.9	Leuchars (Fife)	1499.3	Rhoose Airport (South Glamorgan)	1569.0

The stations which had the highest sunshine totals in each month are listed below. Where the highest total occurred in the Channel Islands, the station with the next highest total (outside the Channel Islands) has also been included.



Month	Station	Hours
January	Torbay (Torquay) (Devon)	105.1
February	Prabost (Highland)	108.7
March	Tiree (Strathclyde)	171.3
April	St Austell (Bethel) (Cornwall)	193.7
May	Shanklin (Isle of Wight)	256.1
June	Douglas (Isle of Man)	220.0
July	L'Ancrese (Guernsey)	293.3
	Shanklin (Isle of Wight)	282.0
August	L'Ancrese (Guernsey)	234.2
	Torbay (Torquay) (Devon)	228.5
September	Bognor Regis (West Sussex)	209.7
October	Bognor Regis (West Sussex)	138.9
	Littlehampton (West Sussex)	138.9
	Hayling Island (Hampshire)	138.9
November	Bognor Regis (West Sussex)	99.4
December	Exmouth (Devon)	73.9

## MISCELLANEOUS PHENOMENA

During the afternoon of 18 April a small whirlwind was reported at Earlswood Lake near Reigate in Surrey and on 24 June a tornado struck parts of east Berkshire and south Hertfordshire; structural damage to buildings occurred in Windsor (Berkshire) and Kings Langley (Hertfordshire) and many trees were ripped up. Another small tornado was reported near Garstang (Lancashire) on 3 December when a mill was damaged and several trees were uprooted. Funnel clouds were reported from Fairlight (East Sussex) on 17 August and from Lossiemouth (Grampian) on 15 November and there were also reports of waterspouts off the coast of East Anglia and in the Straits of Dover on 21 and 22 September. Unusual deposits of dust and 'coloured rain', probably due to dust carried from the Sahara, occurred at places in the north-west on 28 November.

## FOG

Overnight fog in inland areas was reported at times throughout the year and there were also reports of hill and coastal fog during most months. During the winter freezing fog occurred in some areas, occasionally persisting for much of the day.

**January** - Isolated fog patches formed on many nights during the month and at times fog became widespread. Freezing fog was reported fairly frequently, persisting for much of the day in the Glasgow, Belfast and Manchester areas on the 12th and in parts of the Midlands on the 13th. Many eastern, southern and central districts of England and Wales were affected by fog between the 14th and 16th and again on the 21st.

**February** - Hill fog formed extensively over England and Wales at times during the first three weeks but fog on lower ground was reported less frequently. However, freezing fog persisted for much of the day in the Midlands and eastern England on the 6th and central and southern parts of England were affected by fog patches between the 19th and 22nd. Fog also formed in south-eastern counties of England on the 26th, being slow to clear in some places.

**March** - In general, the month was too windy for the formation of fog apart from hill and coastal fog which occasionally affected south-western England.

**April** - Dense fog patches were reported in some inland areas during the first week, but they mostly cleared quickly after sunrise. During the rest of the month hill and coastal fog formed at times, often associated with precipitation.

**May** - Fog became widespread in England and Wales at times during the second week and between the 10th and 16th persistent fog occurred in southern and western coastal areas. Northern and western coasts of Scotland were also affected at times from the 10th until the end of the month.

**June** - Overnight fog patches were reported occasionally but cleared quickly after sunrise. Hill and coastal fog was widespread at times, particularly around the coasts of northern Scotland.

**July** - Patches of overnight fog were reported on only a few occasions during the month. However, on the night of the 3rd/4th there was thick fog for a time in north-eastern England and southern Scotland but this cleared quickly during the morning. Hill and coastal fog occurred frequently, particularly around the coasts of northern and north-western Scotland, western Wales and along the English Channel.

**August** - Fog patches in inland areas were reported on a few occasions and there were also reports of hill and coastal fog from time to time. Fog was particularly widespread and persistent in south-western coastal districts and the Channel Islands during the second week and on north-eastern coasts of England and Scotland between the 17th and 19th and again on the 31st.

**September** - Hill and coastal fog occurred at times, particularly around the coasts of northern Scotland and south-western England. Patches of overnight fog in inland areas were also reported on occasions.

**October** - Overnight fog patches formed frequently throughout the month, occasionally becoming widespread and clearing only slowly in some areas. Hill and coastal fog was also reported at times, particularly in north-eastern districts of England and Scotland.

**November** - Except during the third week, fog in inland areas was reported on only a few isolated occasions. On the 20th and 21st, however, fog became dense in many areas and persisted throughout the day in places.

**December** - For much of the month winds were too strong for the widespread formation of fog, although on the 24th freezing fog persisted all day in parts of Scotland and on the 25th fog was slow to clear in a few places in central and eastern England.



Table 1 District values

1979

DISTRICT	air temperature °C					mean 30-cm earth temp °C	raindays	rainfall	sunshine
	Highest Max*	Lowest Min*	max difference from average	min	mean				
0 Scotland N	28.5	-12.4	-1.0	-0.9	-1.0	-0.7	+31	114	91
1 Scotland E	25.5	-18.5	-0.8	-0.4	-0.6	-0.2	+18	101	101
2 England E & NE	27.1	-15.4	-0.7	-0.6	-0.6	-0.2	+12	116	100
3 East Anglia	28.5	-15.4	-0.6	-0.4	-0.5	-0.4	+17	112	95
4 Midland Counties	29.5	-15.1	-0.7	-0.6	-0.7	-0.4	+9	111	98
5 England SE & Central S	30.3	-11.8	-0.6	-0.5	-0.6	-0.4	+12	109	96
6 Scotland W	28.5	-17.3	-1.0	-0.8	-0.9	-0.4	+28	108	96
7 England NW & Wales N	27.5	-14.8	-1.1	-0.5	-0.8	-0.7	+19	104	94
8 England SW & Wales S	27.5	-14.0	-0.9	-0.8	-0.9	-0.4	+17	109	97
N Ireland	24.6	-12.1	-0.9	-0.9	-0.9	-0.5	+20	103	92
Scotland	28.5	-18.5	-0.9	-0.7	-0.8	-0.4	+26	108	96
England & Wales	30.3	-15.4	-0.8	-0.6	-0.7	-0.4	+14	110	97

\* Highest maximum and lowest minimum of District Value Stations



Table 2 Solar radiation

1979

Station	Daily global irradiation on a horizontal surface (megajoules per square metre)						Daily diffuse irradiation on a horizontal surface (megajoules per square metre)					
	Max.	Date	Min.	Date	Daily Mean	No. of Days	Max.	Date	Min.	Date	Daily Mean	No. of Days
Lerwick .....	29.9	Jun 2	0.0	Dec 10	7.0	342	14.8	Jul 27	0.0	Dec 10	4.7	339
Aberdeen University .....	28.7	Jul 10	0.2	Jan 21	8.5	364						
Eskdalemuir .....	28.3	Jun 19	0.1	Nov 25	8.0	362	17.0	Aug 9	0.1	Dec 7	5.3	362
Moor House .....	30.8	Jun 17	0.2	Dec 17	8.3	363						
Sutton Bonington .....												
Grafham Water .....												
Aberporth .....	31.2	Jun 25	0.2	Dec 27	10.0	342	14.6	Jun 3	0.2	Dec 27	5.8	342
Cardington .....	27.6	Jul 5	0.4	Dec 23	9.7	360	14.7	Jun 10	0.4	Dec 23	6.0	360
Silsoe .....	28.7	Jun 22	0.5	Jan 19, 22	9.8	363	15.5	Jun 17	0.4	Jan 19, 22	5.9	363
				Dec 23						Dec 23		
Rothamsted .....												
Garston .....	28.4	Jun 22	0.3	Dec 23, 27	8.6	334						
Wallingford .....	27.9	Jun 22	0.3	Dec 27	9.1	365						
London Weather Centre ..												
Kew .....	28.7	Jun 22	0.4	Dec 27	9.2	361	15.0	Jun 23	0.3	Dec 27	5.7	361
Easthampstead .....	28.6	Jun 22	0.4	Dec 27	9.5	360						
East Malling .....	26.7	Jul 12	0.0	Dec 27	9.5	364	14.6	Jun 23	0.4	Dec 27	5.6	358
Rustington .....												
Wareham .....												
Jersey Airport .....	32.2	Jun 22	0.4	Dec 27	11.8	355	16.6	Jun 30	0.4	Dec 27	6.0	355
Aldergrove .....	28.8	Jun 19	0.4	Jan 10	8.7	361	14.9	Jun 9	0.3	Jan 11	5.5	359

Table 3 Summary of daily observations

1979

DISTRICT REGION/COUNTY AND PLACE	MAX. TERMINAL HEIGHT MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEG C						MEAN EARTH TEMPERATURE	RAINFALL (TERMINAL H 09 GMT)				WEATHER (NUMBER OF DAYS)										BRIGHT SUNSHINE					
			MEANS OF		DAILY MEAN (MEAN OF 8-8)	DIFFERENCE FROM 1961-70 AVERAGE	HIGHEST MAX. LOWEST MIN.			NO CH (DEG C)	100 CH (DEG C)	TOTAL FALL (MM)	PERCENTAGE OF 1961-70 AVERAGE	MOST IN A DAY		PRECIP- ITATION	SNOW OR SLEET LYING AT 09H	SNOW LYING AT 09H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 09H	AIR FROST	WINDS GUSTS BELOW 0900 C	WINDS GUSTS ABOVE 0900 C	DAILY MEAN (HOURS)	PERCENTAGE OF 1961-70 AVERAGE EXPOSURE		
			MAX. (A)	MIN. (B)			MAX.	MIN.						AMOUNT (MM)	DATE														
0 SCOTLAND N																													
SHEILAND																													
BALASOUND ... ..	9 9	24	0.7	3.9	6.3	-1.0	17.0	-6.2	6.7	-	1515	132	32	10 APR. 12 SEP	200	226	09	47	0	3	3	6	66	-	46	2.37	85	-	
FAIR ISLE ... ..	9 9	57	0.2	5.3	6.7	-	15.9	-3.6	7.1	7.2	1137	-	39	13 AUG	206	204	94	30	40	55	9	27	20	93	-	14	2.07	-	
LERWICK	21-9	82																											
PSYCHROMETER			7.0	4.2	6.0	-	16.3	-6.6	-	-	1551	-	30	12 SEP	279	219	105	45	15	70	4	20	64	134	114	50	2.52	86	-
SCREEN			0.0	4.2	6.1	-1.0	16.4	-6.2	-	-																			
ORANET	21-9	26	9.2	4.7	6.9	-0.0	19.6	-7.0	-	-	1290	127	55	4 OCT	205	212	93	29	21	63	0	6	52	103	100	16	2.77	86	-
KIRKALL AIRPORT	9 9	24	1 9.3	1 4.9	1 7.1	-	19.3	-4.0	7.4	-	1240	-	51	4 OCT	204	212	84	24	3	15	5	10	39	-	-	12			
WESTERN ISLES																													
BENBECULA	21-9	6	10.2	5.5	7.9	-1.0	21.4	-5.5	-	-	1391	116	36	27 NOV	274	217	72	7	10	57	5	2	57	110	100	31	3.51	93	-
SCALPAY	9 9	18	10.1	5.4	7.7	-	20.6	-5.5	-	-	1549	-	30	27 NOV	274	224	40	14	0	12	6	3	35	100	-	29	2.95	-	
STORMHAY	21-9	15	9.6	4.9	7.3	-1.0	20.3	-6.3	-	-	1212	111	31	27 NOV	274	212	74	21	2	70	4	1	62	120	107	11	3.10	91	-
HIGHLAND																													
ACHARY	9 9	107	9.0	2.5	6.1	-	23.5	-13.7	7.0	-	1095	-	46	20 JUL	274	200	01	77	1	9	6	4	110	-	5	2.60	-		
ACHINASHALLACH	9 9	67																											
CAPE WATH	21-9	112	0.7	4.9	6.0	-1.3	20.0	-5.0	-	-	1452	126	34	27 NOV	291	241	79	14	9	45	1	25	49	63	63	95	2.81	-	
CASSLEY	9 9	99	1 9.8	1 3.3	1 6.5	-	23.0	-11.5	-	-	2077	-	72	2 MAR	200	243	-	-	-	-	-	-	92	150	-	-	-	-	
CORPACH	9 9	8	11.1	-	-	-	29.0	-10.8	-	-	(2106)	-	65	2 MAR	(251 H 214)	33	29	0	5	5	5	-	-	-	-	-	-	-	
DALCROSS	9 9	11	10.7	4.2	7.5	-	23.0	-12.7	-	-	636	90	22	7 DEC	233	153	-	-	-	-	-	-	76	136	-	-	-	-	
DALWHANIE	9 9	351	8.6	-	-	-	25.0	-10.3	-	-	(1279)	-	57	2 MAR	(263 H 199)	100	105	0	6	5	5	-	-	-	-	-	-	-	
DIBBIO	9 9	60	10.6	5.2	7.9	-	24.0	-6.1	-	-	1522	-	29	27 NOV	266	231	60	39	1	51	9	-	40	-	-	12	2.80	8	
DOUMREY	9 9	21	(10.2)	(4.2)	(7.2)	-	23.0	(-10.0)	-	-	(1011)	(113)	28	24 JUN	(252 H 202)	-	40	-	-	-	2	39	100	-	-	-	-	-	
FORT AUGUSTUS	9 9	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FORTROSE	9 9	5	10.1	-	-	-	(24.0)	-	-	-	(600)	(92)	18	24 MAR	224	150	-	17	-	-	-	-	-	-	-	-	3.20	97	
GEISGILL	9 9	12	-	(4.1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.45	-	
GLENMORE LODGE	9 9	341	9.3	1.6	5.5	-	26.4	-15.1	-	-	(1186)	(110)	27	16 DEC	260	204	07	-	3	1	3	4	155	204	-	1	2.69	8	
GRANTOWN-ON-SPEY	9 9	229	9.4	1.0	5.7	-	25.0	-19.4	-	-	919	-	37	12 JUN	246	165	79	96	1	5	7	3	145	212	-	0	3.14	-	
HERSTE	9 9	109	-	-	-	-	(22.0)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
INVERGORDON	9 9	15	-	(4.2)	-	-	23.6	-11.6	-	-	660	-	22	24 MAR	210	156	-	34	-	-	-	3	79	-	-	-	-	-	
INVERNESS	9 9	4	11.0	(4.6)	(7.0)	-	24.9	-10.0	-	-	(620)	(95)	20	16 MAR	(214 H 157)	27	30	0	2	1	5	67	-	-	-	0	5.52	-	
INVERPOLLY	9 9	14	10.5	4.7	7.6	-	24.1	-9.2	-	-	1520	-	29	10 SEP	(293 H 234)	-	52	-	-	-	-	-	0	57	-	-	-	-	
ISLE OF RHUM	9 9	5	(10.7)	4.7	(7.7)	-	24.2	-8.6	0.0	9.0	2020	112	78	2 NOV	269	249	33	-	3	40	12	0	69	155	-	25	-	-	
KEISS	9 9	30	9.7	4.1	6.9	-	20.0	-8.5	7.5	7.6	913	-	33	13 AUG	246	173	56	30	19	27	3	15	60	121	-	31	3.10	-	
KNOCKHARROCK	9 9	244	(8.7)	(3.3)	(6.0)	-	21.9	-9.4	-	-	(2253)	(105)	55	24 MAR	(290 H 252)	-	-	-	-	-	-	-	-	-	-	-	-	-	
LADGALLIA	9 9	250	9.7	1.7	5.7	-	27.7	-23.5	-	-	850	-	25	29 JUL	240	162	95	91	0	3	7	6	140	173	-	6	-	-	
LAIRG	9 9	107	10.0	2.3	6.1	-	24.0	-15.4	6.9	-	1106	-	34	24 MAR	274	214	74	77	11	0	4	13	126	160	-	3	-	-	
LEATHAN	9 9	146	10.0	3.1	6.5	-	22.1	-10.9	-	-	831	-	34	16 MAR	243	160	71	66	4	14	4	10	110	186	-	22	-	-	
LEATHAN	9 9	6	10.0	3.9	7.3	-1.0	24.1	-12.0	-	-	590	96	19	24 MAR	227	146	53	10	11	7	3	2	85	137	-	7	3.63	103	
ONICH	9 9	15	11.3	4.0	7.7	-0.0	20.5	-12.0	-	-	2293	113	47	2 MAR	200	227	-	34	-	-	-	10	81	144	-	-	-	5	
POOLENE	9 9	6	10.7	5.0	7.9	-	25.3	-9.1	-	-	1020	-	59	27 NOV	265	232	55	28	5	43	6	1	65	-	-	17	3.09	-	
PRABOST	9 9	67	10.0	4.2	7.1	-	24.4	-8.1	-	-	1796	99	50	27 NOV	285	237	71	49	6	40	0	2	75	149	-	65	2.91	-	
STRATHCONON	9 9	107	-	-	-	-	25.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TARBATHNESS	21-9	10	10.0	5.0	7.5	-0.0	23.1	-6.9	-	-	640	-	24	24 MAR	230	155	34	26	3	5	2	0	52	-	-	5	-	-	
TOMATIN	9 9	311	1 9.3	1 2.0	1 5.5	-	23.0	-16.5	-	-	(970)	-	35	17 DEC	(254 H 193)	99	-	4	10	4	-	134	-	-	-	-	-	-	
TORRISDALE	9 9	27	10.1	4.3	7.2	-	22.5	-9.0	-	-	1062	-	26	5 NOV	274	205	50	32	26	14	6	5	67	122	-	23	3.05	8	
NICK	21-9	36	9.4	4.5	6.9	-0.0	20.0	-9.2	-	-	937	119	41	4 OCT	254	175	75	31	2	60	3	10	60	134	109	2	3.22	93	-



Table 3 (continued)

DISTRICT REGION/COUNTY AND PLACE	MAX. TERMINAL HIGH MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEG C					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 (DEG C)	100 CM (DEG C)	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY		PRECIP- ITATION	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	WETNESS MIN. 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.	MIN.					AMOUNT (MM)	DATE															
1 SCOTLAND E																													
GRAMPIAN																													
ABERDEEN	21-9	58	10.5	4.1	7.3	-0.4	23.7	-15.6	-	-	962	116	67	4 OCT	201	149	72	34	1	50	5	7	82	151	124	2	3.67	100	-
DUCE AIRPORT	9-9	52	10.2	4.1	7.1	-0.8	21.7	-12.6	-	-	944	117	62	4 OCT	201	144	48	26	1	13	3	5	74	142	124	2	-	-	-
MANNOFIELD	9-9	283	9.5	1.8	5.7	-0.8	25.0	-16.5	-	-	822	99	25	4 OCT	235	159	69	81	0	0	1	-	142	182	125	5	-	-	-
BALMORAL	9-9	94	11.0	3.6	7.3	-	24.8	-12.9	-	-	875	-	40	4 OCT	210	145	80	65	1	16	9	1	95	142	125	8	-	-	-
BRANCHY	9-9	24	10.3	5.2	7.7	-	24.5	-8.7	-	-	742	99	32	25 MAY	222	151	25	12	10	8	6	6	44	-	27	3.26	-	-	
BRANFF	9-9	94	10.3	5.2	7.7	-	24.5	-8.7	-	-	(917)	(104)	27	16 DEC	(257)(171)	-	91	-	-	-	-	2	128	-	-	3.04	99	5	
BRANMAR	9-9	339	(9.5)	(2.0)	(5.7)	(-0.7)	25.5	-18.5	-	-	(956)	-	33	5 JUN	(258)(180)	115	116	12	6	6	7	137	192	124	39	3.06	-	-	
CLASHMOIR	9-9	338	(8.8)	(1.9)	(5.5)	-	24.5	-14.5	6.1	-	(956)	-	33	4 OCT	217	158	49	59	0	4	2	17	78	143	125	8	3.67	100	-
CRABSTONE	9-9	91	10.2	3.9	7.1	-0.6	22.9	-10.2	7.5	7.7	996	118	67	4 OCT	212	156	33	-	0	4	1	14	82	140	125	5	3.55	-	-
CULTERTY	9-9	3	10.4	3.8	7.1	-	21.4	-15.9	-	-	901	129	54	4 OCT	212	156	33	-	0	4	1	14	82	140	125	5	3.55	-	-
ELGIN	9-9	15	(11.1)	(4.4)	(7.7)	-	23.5	-9.8	-	-	694	95	16	13 AUG	(235)(149)	70	26	2	19	4	3	78	(159)	-	0	3.55	-	-	
FOREHILL	9-9	40	9.8	4.3	7.1	-0.6	20.2	-8.3	-	-	898	-	56	4 OCT	220	157	37	20	2	3	1	15	67	111	124	6	3.08	86	-
FORRES	9-9	5	11.2	4.3	7.7	-0.6	25.0	-13.6	8.2	8.1	672	-	18	15 JUL	220	149	65	40	0	30	5	6	75	150	124	20	3.50	-	-
FRASERBURGH	21-9	19	10.0	5.3	7.7	-	22.0	-6.1	-	-	(818)	(119)	36	21 MAR, 4 OCT	(216)(164)	46	12	0	9	1	5	44	70	60	20	3.50	-	-	
FYVIE CASTLE	9-9	55	10.5	3.0	6.7	-	25.0	-16.0	-	-	-	-	-	13 AUG	-	55	-	1	3	8	-	95	163	124	57	3.10	-	-	
GARTLY	9-9	146	10.1	3.4	6.7	-	23.5	-13.8	-	-	942	-	32	13 AUG	240	174	-	-	-	-	-	-	89	165	-	-	3.10	-	-
GLENLIVET	21-9	215	-	-	-	-	-	-17.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
INVERURIE	9-9	54	10.9	3.3	7.1	-	24.5	-16.8	-	-	821	-	42	4 OCT	215	147	67	50	3	6	5	7	95	159	-	0	3.44	-	-
KEITH	9-9	106	10.3	3.1	6.7	-0.6	24.5	-16.0	-	-	915	-	35	24 APR	233	178	68	55	3	14	7	-	102	173	-	3	3.37	-	-
KINLOSS	21-9	5	10.8	4.6	7.7	-0.6	24.2	-12.5	8.1	-	621	97	16	13 AUG	229	140	82	30	6	30	4	2	78	154	115	5	3.41	-	-
LOSSIEMOUTH	21-9	6	10.7	4.3	7.5	-	24.4	-12.6	-	-	654	100	20	13 AUG	235	159	82	23	0	42	3	4	90	133	119	7	3.56	98	-
STONEHAVEN	9-9	4	10.8	(3.9)	(7.3)	(-0.8)	21.9	-12.2	-	-	(872)	(110)	56	4 OCT	194	143	40	-	1	0	3	16	76	-	29	3.56	98	-	
TAYSIDE																													
ARBROATH	9-9	29	(10.5)	5.0	(7.7)	-	(22.9)	-8.4	-	-	686	106	57	7 DEC	167	116	20	13	0	2	2	10	54	134	-	0	4.12	101	-
ARDALNAIG	9-9	130	10.6	3.9	7.3	-	26.5	-12.6	-	-	1259	99	26	12 DEC	(237)(176)	58	44	2	3	15	3	88	159	-	7	3.19	-	-	
DALL	9-9	232	9.7	(1.4)	(5.5)	-	26.3	-17.5	-	-	1169	103	37	16 DEC	235	182	79	74	0	3	4	13	144	-	0	3.77	-	-	
DRUMMOND CASTLE	9-9	113	10.5	3.2	6.9	-	24.6	-13.7	8.1	-	1279	-	45	7 DEC	219	166	57	71	0	0	11	-	107	172	-	5	3.77	-	-
DUNDEE	9-9	45	11.2	4.8	8.0	-0.5	24.6	-9.3	8.6	-	679	90	32	3 OCT	172	125	33	36	2	2	5	7	63	157	-	1	3.89	107	-
FASKALLY	9-9	94	10.7	3.2	6.9	-	25.1	-13.0	8.1	8.4	811	92	31	16 DEC	218	143	57	70	0	4	3	0	103	166	-	1	3.89	107	-
KINDROGAN	9-9	259	9.3	1.5	5.4	-	23.7	-22.0	-	-	(930)	-	28	16 DEC	230	155	80	88	0	8	6	11	153	214	-	5	3.60	-	-
KINROSS	9-9	116	10.7	3.2	6.9	-	25.4	-16.1	7.6	-	940	-	30	2 NOV	181	158	-	36	-	-	-	15	112	164	-	0	3.60	-	-
MONTROSE	9-9	57	10.4	4.3	7.3	-	23.0	-10.5	-	-	716	99	33	3 OCT, 7 DEC	206	117	43	23	12	16	10	8	66	123	-	1	3.49	-	-
MYLNEFIELD	9-9	30	10.8	4.3	7.5	-	23.0	-11.3	8.2	8.2	685	97	29	3 OCT	188	121	34	30	1	6	5	11	79	159	-	0	3.49	-	-
PERTH	9-9	23	-	-	-	-	26.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
STRATHALLAN	9-9	41	11.3	3.9	7.6	-	26.0	-13.8	-	-	740	-	23	3 OCT, 7 DEC	195	134	53	37	7	2	20	6	88	-	11	-	-	-	
USAN	21-9	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WHITEHILLOCKS	9-9	258	10.0	2.7	6.3	-	23.7	-12.8	-	-	(1181)	(99)	45	4 OCT	223	165	74	78	0	0	0	4	121	-	1	-	-	-	
FIFE																													
BELLISTON	9-9	82	10.7	4.7	7.7	-	23.0	-7.2	8.4	-	712	95	34	7 DEC	199	137	34	21	0	10	4	13	66	149	-	6	3.76	-	-
CUPAR	9-9	36	11.2	3.8	7.5	-	24.9	-13.1	8.1	-	680	-	24	7 DEC	203	128	44	36	2	5	7	-	94	160	-	1	4.11	101	-
LEUCHARS	21-9	10	11.1	4.3	7.7	-0.8	24.4	-11.2	-	-	643	97	33	7 DEC	191	120	54	24	7	10	5	5	86	160	124	6	4.11	101	-
PITREAVIE	21-9	40	11.1	4.9	8.0	-	25.1	-12.4	-	-	734	104	39	7 DEC	208	153	48	32	5	12	7	14	72	141	114	7	-	-	-
ST ANDREWS	9-9	18	11.1	4.9	8.0	-	24.5	(-8.4)	8.2	8.6	618	91	27	7 DEC	182	119	22	-	0	1	2	20	67	129	-	2	-	-	-
LOTHIAN																													
BUSH HOUSE	9-9	184	10.3	3.7	7.0	-	23.6	-16.0	7.6	7.7	(888)	(103)	39	13 OCT	224	167	44	47	0	1	0	14	99	169	-	8	3.23	-	-
DUNBAR	9-9	23	11.2	5.3	8.3	-0.4	24.5	-6.5	-	-	(588)	(103)	23	7 DEC	187	116	39	14	0	3	2	12	56	-	2	4.11	99	-	-
EDINBURGH	9-9	134	10.9	4.7	7.8	-0.8	24.3	-8.5	-	-	(626)	(93)	28	7 DEC	(189)(126)	29	34	3	0	1	10	80	113	-	8	3.56	95	-	-
EAST CRAIGS	9-9	61	11.1	4.0	7.5	-	24.5	-17.5	8.5	-	666	98	28	13 OCT	218	139	60	27	4	17	5	4	88	161	126	4	3.52	99	-
ROYAL BOTANIC GARDEN	9-9	26	11.6	4.8	8.2	-0.5	24.4	-11.9	8.3	-	589	89	29	7 DEC	186	122	24	28	0	4	4	5	73	154	-	0	3.79	104	-
ROYAL OBSERVATORY	9-9	134	10.9	4.7	7.8	-0.8	24.3	-8.5	-	-	(626)	(93)	2																



Table 3 (continued)

DISTRICT REGION/COUNTY AND PLACE	MAX. TERMINAL HIGHT MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEG C				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 (DEG C)	100 CM (DEG 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	5.0 MM OR MORE	SNOW OR SLEET 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)									DATE																																						
				MAX.			MIN.																																												
6 SCOTLAND W																																																			
STRATHCLYDE																																																			
ACHAGLACHGACH ...	9 9	12	-	-	-	-	24.8	-10.0	-	-	1957	39	24 MAR. 2 NOV	253	227	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																				
AROS ...	9 9	37	-	4.1	-	-	26.4	-11.7	0.7	8.0	1957	114	30	6 AUG	236	170	37	24	7	1	6	1	87	155	-	-	1	3.57	98	-	-																				
AUCHINCRAIVE ...	9 9	45	11.0	5.0	8.0	-0.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																				
BENMORE (YOUNGER)																																																			
BOTANIC GARDEN	9 9	12	10.8	4.5	7.7	-	24.6	-9.7	0.8	-	2317	101	61	7 DEC	256	216	56	36	3	12	13	9	87	145	-	11	-	-	-	-																					
BRODICK CASTLE ...	9 9	15	11.5	5.3	8.4	-	22.4	-7.8	9.6	-	1950	107	67	7 DEC	241	203	36	20	8	5	3	0	57	123	-	3	-	-	-	-																					
CAMPS RESERVOIR	9 9	295	8.9	2.2	5.5	-	24.4	-15.8	-	-	(1306)	(110)	47	26 DEC	(253)(198)	98	69	3	12	7	40	131	-	-	-	-	29	-	-	-	-																				
CARNMATH ...	9 9	208	9.9	2.2	6.1	-	25.2	-24.6	7.6	-	893	100	43	4 JUN	247	169	89	65	8	7	7	5	133	187	147	49	-	-	-	-	-																				
CORTBRIDGE	9 9	66	10.8	(3.9)	(7.3)	-	26.0	-15.0	-	-	917	100	27	26 DEC	208	165	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																				
COLONSAY ...	9 9	35	(10.7)	(5.5)	(8.1)	-	22.6	-9.0	-	-	(1281)	-	30	1 JAN	(249)(213)	32	4	14	19	6	15	33	-	-	-	16	-	-	-	-	-																				
CRAIGHOUSE	9 9	4	10.9	5.4	8.1	-	22.6	-7.2	-	-	1770	-	33	2 NOV	262	220	45	10	13	18	9	1	58	-	-	51	-	-	-	-	-																				
CRAWFORD JOHN	9 9	274	9.2	2.5	5.9	-	25.6	-21.0	7.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																				
CUMNOCK	9 9	99	10.8	(3.8)	(7.3)	-	26.5	-13.9	8.5	-	1107	-	32	24 NOV	(253)(177)	45	32	1	3	3	8	98	129	-	-	2	3.01	-	-	-	-																				
DUNSTAFFRAGE	9 9	3	10.9	5.0	7.9	-	25.5	-7.5	-	-	(1720)	-	37	2 MAR	(253)(202)	34	24	3	9	9	2	56	113	-	-	19	3.22	-	-	-	-																				
EAST KILBRIDE	9 9	178	10.1	4.0	7.1	-	24.9	-14.5	-	-	1295	-	34	26 DEC	231	180	43	53	0	1	1	-	96	-	-	0	3.82	-	-	-	-																				
GIRVAN ...	9 9	8	(11.5)	(5.6)	(8.5)	-	23.2	-6.9	-	-	1109	116	48	4 OCT	227	176	20	5	0	4	3	1	45	78	-	35	3.59	-	-	-	-																				
GLASGOW																																																			
ABBOTSLINCH AIRPORT	21-9	5	11.1	4.3	7.7	-1.2	24.0	-16.5	-	-	1132	-	35	12 JUN	223	168	68	19	1	22	12	9	99	148	128	2	3.56	103	-	-	-																				
SPRINGBURN PARK	9 9	107	10.4	(4.5)	(7.5)	(-0.9)	25.3	-14.5	-	-	1069	102	35	6 AUG	228	172	60	42	0	15	5	37	82	159	-	6	-	-	-	-	-																				
WEATHER CENTRE (X)	21-9	40	11.1	6.2	8.7	-	25.5	-11.3	-	-	996	-	32	6 AUG	215	169	48	-	2	6	9	2	43	-	-	0	3.45	-	-	-	-																				
GREENOCK ...	9 9	61	-	-	-	-	-	-	-	-	1632	108	51	7 DEC	213	185	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																				
HELENSBURGH	9 9	96	10.1	-	-	-	22.8	-	-	-	1542	109	49	7 DEC	243	194	-	42	-	-	-	-	-	-	-	-	-	3.56	-	-	-																				
HUNTERSTON	9 9	8	11.0	-	-	-	24.0	-	-	-	1029	-	27	6 AUG	209	162	32	14	0	7	4	2	-	-	-	18	-	-	-	-	-																				
KILDONAN ...	9 9	18	10.9	5.1	8.0	-	(23.0)	-5.0	-	-	1387	-	37	7 DEC	277	197	27	-	1	0	5	0	40	98	80	16	3.82	-	-	-	-																				
KILMARNOCK	9 9	34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																				
KNAPDALE FOREST	9 9	12	10.9	3.8	7.3	-	24.5	-12.0	-	-	1896	-	42	24 MAR	248	228	-	26	-	-	-	0	90	143	-	-	-	-	-	-	-																				
LEARNHILLS	9 9	388	8.4	2.2	5.3	-	23.9	-14.1	-	-	(1771)	(113)	60	26 DEC	(273)(217)	96	91	9	6	7	20	126	164	-	35	-	-	-	-	-	-																				
MACHRIHANISH	21-9	10	10.8	5.9	8.3	-	21.7	-8.8	-	-	1200	103	36	7 DEC	243	185	51	6	4	55	13	2	46	95	80	30	3.62	-	-	-	-																				
MILLPORT ...	9 9	5	11.0	5.7	8.3	-	25.2	(-4.5)	-	-	(1139)	(100)	27	1 JAN	(212)(177)	30	-	0	8	3	0	34	-	-	-	11	-	-	-	-	-																				
PAISLEY	9 9	32	11.3	5.0	8.1	-1.1	25.0	-13.9	8.6	9.3	1238	112	36	26 DEC	227	173	41	20	0	4	8	10	67	122	-	11	3.33	100	-	-	-																				
PRESTWICK	21-9	16	11.0	5.1	8.1	-	24.9	-12.2	-	-	1037	114	34	6 AUG	236	172	46	20	6	13	8	1	78	123	104	6	3.63	-	-	-	-																				
RHUVAAL	21-9	20	10.3	6.2	8.3	-	22.4	(-5.0)	-	-	1497	113	41	2 NOV	251	212	29	3	4	8	6	1	17	56	51	32	-	-	-	-	-																				
ROTHESAY ...	9 9	43	-	-	-	-	22.0	-	-	-	1477	107	32	7 DEC	227	202	17	19	0	0	1	0	-	-	-	1	-	-	-	-	-																				
STONACHULLIN	9 9	2	11.2	(4.5)	(7.9)	-	23.4	-8.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																				
TIREE ...	21-9	9	10.4	6.0	8.2	-0.9	20.5	-5.9	-	-	1294	115	41	24 MAR	260	200	47	16	9	73	10	1	32	95	87	31	3.61	93	-	-	-																				
UPLANDMOOR	9 9	128	10.1	3.4	6.7	-	23.2	-15.4	-	-	(1808)	-	43	6 AUG	253	197	65	43	0	16	9	10	103	158	-	3	-	-	-	-	-																				
CENTRAL																																																			
ARROCHMORE	9 9	30	-	-	-	-	-	-	-	-	(1667)	-	46	2 NOV	(233)(189)	27	27	0	1	3	-	-	-	-	-	0	-	-	-	-	-	-																			
CALLANDER	9 9	107	10.8	-	-	-	24.9	-12.3	-	-	1662	111	43	2 NOV	223	192	39	41	0	1	9	0	-	132	-	2	-	-	-	-	-	-																			
EARLS HILL	21-9	335	8.5	(2.8)	(5.7)	-	23.6	-11.6	-	-	1676	-	69	7 DEC	231	188	66	-	1	3	8	45	120	162	155	45	3.54	-	-	-	-																				
FALKIRK ...	9 9	3	(11.4)	(4.6)	(8.0)	-	25.7	-16.0	-	-	(890)	-	37	7 DEC	(208)(161)	40	28	4	2	4	-	75	-	-	-	5	3.33	-	-	-	-																				
PARKHEAD	9 9	107	(11.4)	(4.1)	(7.7)	-	25.5	-15.0	8.4	-	(941)	-	30	7 DEC	(189)(163)	-	-	-	-	-	-	17	79	-	-	-	-	-	-	-	-																				
STIRLING (BATTERFLATS)	9 9	38	11.6	3.9	7.7	-	26.1	-17.1	8.7	8.0	1047	-	46	7 DEC	211	146	49	39	0	4	4	9	100	158	-	2	3.49	-	-	-	-																				
DUMFRIES & GALLOWAY										</																																									



Table 3 (continued)

DISTRICT REGION/COUNTY AND PLACE	MAX. TEMPERATURE MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEG C				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.		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. DEG C	BELCH MIN. DEG C	CONCRETE MIN. DEG C	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE																								
			MAX. (A)	MIN. (B)			MAX.	MIN.																																													
2 ENGLAND E & NE -CONTINUED																																																					
DURHAM	9 9	102	11.3	4.6	7.9	-0.6	24.9	-10.9	8.9	8.9	704	121	51	28 MAR	192 130		48				22	74	146			3.43	94	5																									
DURHAM ...	9 9	155	10.6	3.6	7.1		24.7	-10.9	7.9	8.2	740		39	28 MAR	197 131	81	77	6	7	7	23	104	180	127	18		3.29																										
WIDDYBANK FELL ...	9 9	513	(7.6)	(2.0)	(4.8)		23.1	-13.0	(5.8)		1905		75	26 DEC	(265)(212)							(135)(100)					(3.29)																										
CLEVELAND																																																					
HARTBURN GRANGE ...	9 9	31	11.8	4.1	7.9		26.1	-15.1			706	126	49	28 MAR	187 123	39	32	2	1	12	8	89	145		9	3.51																											
HARTLEPOOL ...	9 9	9	11.6	5.7	8.7	-0.7	24.2	-8.8			793	133	47	28 MAR	149 124	36	28	0	1	11	2	42			4	3.79																											
NORTH YORKSHIRE																																																					
ASKHAM BRYAN ...	9 9	33	(12.1)	(4.3)	(8.2)		26.0	-12.4			690	111	29	20 MAY	179 131		39					(79)(145)																															
CAMOD ...	9 9	6	12.1	4.6	8.3		26.0	-14.6	9.1	9.4	676	114	27	20 MAY	167 123	25	39	0	0	10	12	63	123		2	3.64																											
HIGH MOUTHORPE ...	9 9	175	10.7	4.3	7.5		25.1	-9.5	8.1		944	122	31	20 MAY	185 140	45	68	1	2	10	29	82			3	3.41																											
LEEMING ...	21-9	32	11.9	5.0	8.5		26.9	-12.5	8.7	9.2	730	119	44	28 MAR	179 121	60	36	1	11	9	21	70	129	113	6	3.66																											
MALHAM TARN ...	9 9	395	(8.8)	(3.1)	(5.9)	(-0.9)	23.2	-10.0																																													
PICKERING ...	9 9	44	12.0	3.7	7.9		26.5	-11.3	8.6		876	129	41	28 MAR	190 147	56	61	7	0	18	8	95	139		1	3.83	101																										
SCARBOROUGH ...	9 9	52	11.7	5.7	8.7		24.5	-7.0	8.9	9.3	777	121	24	13 DEC	183 120	40	29	2	2	16		48	100	78	25																												
SILPHO MOOR ...	9 9	203	(10.9)	(4.1)	(7.5)		23.6	-8.1	(7.7)		(996)	(113)	44	28 MAR	(210)(148)	24	(70)	3	0	3		(90)(166)																															
SNRIZEHOLME ...	9 9	290	9.3	3.1	6.2		23.7	-14.2	7.6		1857		74	25 NOV	243 195	50	66	0	3	1	63	110	167		1	2.88																											
WHITBY ...	9 9	41	(11.7)	5.2	(8.5)		25.9	-7.7			747		24	28 MAR-20 MAY	175 124	58	18	3	1	17	0	58	117		24	3.96																											
WHITBY (COASTGUARD)	21-9	60	10.9	5.5	8.2		24.6	-7.4			646		24	20 MAY	178 127							48	87																														
YORK (HESLINGTON)	9 9	19	12.2	4.9	8.5		25.8	-11.0	9.0	9.3	666	112	31	20 MAY	179 124	15	35	0	0	1	14	71	130		0	3.76																											
HUMBERSIDE																																																					
BRIDLINGTON ...	9 9	48																																																			
CLEETHORPES ...	9 9	7	(12.3)	(5.9)	(9.1)	(-0.4)	26.3	-8.0			663	110	29	29 JUL	166 112		23					(49)																															
HULL ...	9 9	2	12.8	5.8	9.3	-0.4	27.1	-8.0	9.5	10.0	706	122	27	13 AUG	198 136	32	29	1	2	7	6	53			5	3.98	108																										
LINCOLNSHIRE																																																					
BINBROOK ...	21-9	108	11.3	4.9	8.1		25.1	-9.2			748	105	28	13 AUG	185 129	70	45	6	18	18	23	85	117	98	4	4.05																											
CAISTOR ...	9 9	21	12.4	4.3	8.3		26.4	-10.5			773		26	13 AUG	187 135							87																															
CONINGSBY ...	21-9	7	12.5	5.1	8.8		26.8	-13.2			614		21	20 MAY	165 121	51	32	6	17	15	16	69	124	98	2																												
CRANWELL ...	9 9	62	12.4	4.6	8.5	-0.7	26.9	-12.5	9.4	9.6	628	106	26	20 MAY	173 117	41	51	2	6	9	19	83	125	105	2	4.14	101																										
KIRTON ...	9 9	4	12.5	4.8	8.7		27.0	-13.7	9.4	9.5	627		25	13 DEC	163 122	38	26	1	0	13	19	73	128		12	4.09																											
LINCOLN ...	9 9	6	12.5	4.4	8.5	-0.7	27.1	-11.6	9.5	9.4	614	102	28	13 AUG	177 113	40	35	0	10	18	89	142		0		3.75																											
SKEDNESS ...	9 9	5		5.8				-9.5			660	111	29	27 MAR	160 123	7	9	0	1	0		44	(83)		1	(4.21)	(101)																										
SUTTON BRIDGE ...	9 9	4																																																			
WADDINGTON ...	21-9	68	12.1	5.3	8.7	-0.6	27.7	-13.8			673	113	26	13 AUG	187 121	57	42	4	15	14	24	73	121	94	1	4.11	100																										
3 EAST ANGLIA																																																					
NORFOLK																																																					
COLTISHALL ...	21-9	17	12.7	5.6	9.1		26.7	-15.3			696	112	37	9 AUG	184 124	56	27	3	23	14	12	59	114	85	2																												
CROMER ...	9 9	54																																																			
DENVER ...	9 9	3	12.6	4.9	8.7		26.5	-14.0		10.1	641		21	27 MAR	175 127	28	27	2	2	16	18	71			3	3.90																											
GORLESTON ...	9 9	4	(12.4)	(6.4)	(9.4)	(-0.4)	26.5	-10.2	(10.0)	(10.3)	558	92	40	14 NOV	151 111	17		2	0	7		40			14	(4.29)	(99)																										
HENSBY ...	21-9	14	12.1	6.0	9.1		27.0	-14.1	9.6	9.9	648		36	14 NOV	172 119	44	26	12	5	10	7	52	108	82	1	4.61																											
MARHAM ...	21-9	23	(12.7)	5.0	(8.9)		26.8	-15.0			717		21	13 DEC	171 134	37	32	3	14	16	14	83	123	99	2	(4.13)																											
MORLEY ST BOTOLPH ...	9 9	46	12.5	4.7	8.6		27.1	-16.5	9.5		689		20	27 DEC	171 125	43	37	1	5	9	21	83	117		0	4.19																											
SANTON DOWNHAM ...	9 9	24	13.1	3.6	8.3		28.2	-13.3	9.2	9.3	689	105	26	28 MAR	172 135							13	102	182			3.80																										
SCOLE ...	9 9	27	13.2	5.0	9.1		28.6	-13.3	9.8	10.1	626		20	13 FEB. 8 AUG	178 124	41	29	0	2	12	14	77	111		2	4.22																											
TERRINGTON ST CLEMENT	9 9	3	(12.8)	4.8	(8.8)	(-0.7)	26.5	-15.4	9.5		675	117	32	27 MAR	185 134	19	22	0	5	7	21	58	128		0	3.95	97																										
CAMBRIDGESHIRE																																																					
BOXMOUTH ...	9 9	53	12.8	5.1	8.9		27.3	-13.6			624	110	25	27 DEC	172 112	36	25	2	2	7	27	78	109		0	3.91				</																							



Table 3 (continued)

DISTRICT REGION/COUNTY AND PLACE	MAX. MIN. TERMINAL (HGT) OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEG C					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.		50 CM (DEG C)	100 CM (DEG 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	WIND GUSTS H 09 GMT	WIND GUSTS H 09 GMT	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE			
			MAX. (A)	MIN. (B)			MAX.	MIN.																								
4 MIDLAND COUNTIES																																
WEST YORKSHIRE																																
BRADFORD ...	9 9	134	11.3	4.8	8.1	-0.7	26.1	-10.0	8.6	8.9	979	113	32	7 APR	194	148	44	68	11	2	10	14	78	166	-	2	3.30	97	5			
BRAMHAM ...	9 9	54	11.8	4.1	7.9	-	25.5	-13.1	-	-	719	108	27	30 MAY	187	119	31	41	1	4	8	19	96	149	-	1	-	-	-			
HUDDESFIELD(OAKES) ...	21-9	232	11.1	4.5	7.8	-0.7	27.2	-9.6	7.8	7.7	1113	111	46	19 JUN	233	169	73	72	5	16	18	25	88	146	101	10	-	-	-			
ILKLEY ...	9 9	85	(11.6)	-	-	-	26.5	-	-	-	1066	116	29	28 MAR-13 JUN	192	147	44	54	9	1	7	-	-	(198)	-	3	(3.43)	(99)	-			
PONTERFRACT ...	9 9	78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
TODMORDEN ...	9 9	160	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
MILSDEN ...	9 9	262	10.4	4.0	7.2	-	26.4	-10.5	-	-	-	-	-	-	-	-	63	74	2	6	7	28	93	-	1	-	-	-	-			
SOUTH YORKSHIRE																																
FINNINGLEY ...	21-9	10	12.7	4.9	8.8	-	27.1	-11.3	-	-	638	110	26	20 MAY	171	114	49	58	0	21	10	8	75	151	-	2	3.73	-	-			
SHEFFIELD																																
DORE ...	9 9	206	11.4	4.9	8.1	-	25.8	-8.7	-	-	1140	-	43	16 MAR	211	154	72	73	8	10	12	25	75	137	-	7	-	-	-			
WESTON PARK ...	9 9	131	12.1	5.6	8.9	-0.6	27.3	-7.9	9.1	9.4	960	120	36	30 MAY	203	142	41	66	4	2	4	-	60	-	-	0	3.66	108	5			
DERBYSHIRE																																
ASHOVER ...	9 9	178	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
BARBROOK ...	9 9	323	-	-	-	-	24.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
BUXTON ...	9 9	307	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
DERBY ...	9 9	48	12.7	5.3	9.0	-	27.6	-11.5	-	-	663	101	28	13 AUG	181	121	39	25	1	3	14	8	67	123	-	1	3.30	-	5			
WINGERWORTH ...	9 9	116	11.7	3.9	7.8	-	26.0	-15.2	8.6	-	887	-	33	30 MAY	212	139	51	64	4	6	20	34	85	190	-	1	3.75	-	-			
NOTTINGHAMSHIRE																																
WANSFIELD ...	9 9	114	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
NEWTHORPE ...	9 9	58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
NOTTINGHAM ...	9 9	59	-	-	-	-	-	-10.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
SUTTON BONINGTON ...	9 9	48	12.7	4.3	8.5	-0.8	26.9	-16.2	9.3	9.5	617	101	26	25 OCT	171	124	29	34	0	1	7	8	90	155	126	3	3.77	104	-			
MARSON ...	9 9	46	12.4	4.1	8.3	-	27.6	-14.4	-	-	731	119	28	25 OCT	170	130	31	46	0	4	22	87	171	-	2	3.61	-	-	-			
WATNALL ...	21-9	117	12.1	5.1	8.6	-0.6	28.1	-9.8	-	-	829	116	32	25 OCT	199	140	66	47	13	17	14	21	80	156	99	0	3.45	97	-			
STAFFORDSHIRE																																
KEELE ...	9 9	179	11.1	4.6	7.9	-	25.3	-9.7	8.4	8.7	835	104	31	27 DEC	208	146	53	70	1	14	13	15	89	141	117	0	-	-	5			
OAKEN ...	9 9	125	11.9	4.5	8.2	-0.7	27.0	-11.6	9.2	-	742	104	35	27 DEC	187	132	38	40	0	7	6	22	78	136	-	0	-	-	5			
PENKIRIDGE ...	9 9	101	12.0	4.5	8.3	-	26.5	-11.2	-	-	628	91	29	27 DEC	179	135	28	29	3	1	2	12	83	121	-	1	-	-	-			
STONE ...	9 9	107	11.5	(4.2)	(7.9)	-	26.4	-11.6	-	-	750	102	26	24 MAY-13 AUG	202	132	57	52	14	1	10	10	95	155	-	5	3.34	-	-			
LEICESTERSHIRE																																
CALDECOTT ...	9 9	53	12.6	4.3	8.5	-	27.5	-13.8	-	-	706	125	35	13 DEC	172	121	34	31	0	4	14	29	83	143	-	0	3.72	-	-			
NEWTOWN LINCOLD ...	9 9	119	12.2	4.3	8.3	-	27.3	-12.7	-	-	729	128	37	27 DEC	186	129	36	40	7	1	14	25	88	122	-	0	3.55	-	-			
SALOP																																
HAMPION LODGE ...	9 9	70	12.8	4.6	8.7	-	28.2	-12.0	-	-	696	-	38	27 DEC	162	129	-	-	-	-	-	-	74	-	-	-	-	-	-	-		
NEWPORT ...	9 9	64	12.3	4.6	8.5	-0.4	26.6	-13.5	-	-	711	108	27	19 JAN	180	133	51	35	1	6	17	13	79	130	-	3	3.75	105	-			
OSWESTRY ...	9 9	174	11.4	4.8	8.1	-0.8	25.5	-12.0	-	-	882	99	36	28 MAR	202	154	55	57	2	11	7	20	73	159	-	0	3.36	89	5			
PRESTON MONTFORD ...	9 9	67	-	-	-	-	-	-12.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
SHARNBURY ...	21-9	72	12.2	4.6	8.4	-0.9	26.6	-14.5	-	-	753	112	36	13 JUN	187	134	64	46	7	23	9	13	85	154	116	1	3.60	96	-			
SHREWSBURY ...	9 9	55	12.3	5.0	8.7	-0.8	27.3	-12.7	9.9	10.3	665	106	28	13 JUN	183	134	28	34	0	3	5	17	71	1281	-	1	-	-	-			
WEST MIDLANDS																																
BIRMINGHAM																																
EDGBASTON ...	21-9	163	-	-	-	-	27.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
ELDON AIRPORT ...	21-9	96	12.3	4.9	8.6	-0.6	28.0	-14.5	-	-	671	-	30	27 DEC	180	128	57	36	7	21	12	16	84	136	103	0	3.84	101	-			
KING EDWARD'S SCHOOL	9 9	137	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
COVENTRY AIRPORT ...	9 9	81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
WARWICKSHIRE																																
LUDDINGTON ...	9 9	56	12.7	4.7	8.7	-	29.2	-13.2	-	-	660	-	27	27 DEC	175	126	33	28	7	3	3	-	81	142	-	1	3.81	-	-			
MORTON MORRELL ...	9 9	85	12.5	4.8	8.7	-	28.4	-15.1	-	-	726	117	28	27 DEC	203	133	23	19	0													



Table 3 (continued)

DISTRICT REGION/COUNTY AND PLACE	MAX. TERMINAL (HOUR) OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEG C					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.		50 CM (DEG C)	100 CM (DEG C)	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	AMOUNT (MM)	DATE	PRECIP- ITATION	0.2 MM OR MORE	1.0 MM OR MORE	3.0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR 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.	MIN.																																															
5 ENGLAND SE & CENTRAL S.																																																							
GREATER LONDON																																																							
BROMLEY ...	9 9	65	-	-	-	-	-	-	-	-	( 713)	(110)	33	27 DEC	(171)(133)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																								
ENFIELD ...	9 9	17	-	-	-	-	28.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																								
GREENWICH ...	9 9	7	(13.8)	( 6.5)	(10.1)	-	30.1	-7.1	-	-	664	112	27	27 DEC	179 123	16	1	1	5	-	( 47)	-	-	-	-	-	-	-	-	-	-																								
HAMPSTEAD ...	9 9	137	(12.7)	( 5.8)	( 9.5)	(-0.4)	29.6	-7.2	-	-	( 810)	(120)	33	27 DEC	(164)(136)	22	31	0	11	-	( 63)(120)	-	-	-	-	-	-	-	-	-	-																								
HAMPTON ...	9 9	12	(13.5)	-	-	-	30.2	-8.2	-	-	693	114	34	27 DEC	168 119	19	13	3	0	10	5	-	-	-	-	-	-	-	-	-	-																								
HARROW WEALD ...	9 9	98	-	-	-	-	29.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																								
HEATHROW AIRPORT ...	21-9	25	13.6	6.5	10.1	-0.3	29.9	-7.5	-	-	686	111	36	27 DEC	165 118	43	19	6	9	16	9	52	103	83	0	-	-	-	-	-	-																								
KENSINGTON PALACE ...	9 9	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																								
KEN	21-9	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																								
PSYCHROMETER ...	-	-	13.3	5.0	9.5	-	29.7	-8.9	10.1	10.3	702	117	34	27 DEC	176 126	40	24	2	16	21	9	65	128	-	0	-	-	-	-	-	-																								
NORTH WALL SCREEN ...	-	-	13.5	6.8	10.1	-0.5	30.3	-6.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																								
LONDON																																																							
WEATHER CENTRE (X)	21-9	77	13.9	8.1	11.0	-	30.6	-6.4	-	-	633	-	21	20 MAY	174 120	46	17	9	10	18	5	22	-	-	-	-	-	-	-	-	-	-																							
ST JAMES'S PARK ...	9 9	9	13.8	7.1	10.5	-0.5	30.1	-6.4	-	-	719	117	29	27 DEC	174 133	-	21	-	-	-	-	43	93	-	-	-	-	-	-	-	-	-																							
SOUTHGATE ...	9 9	67	(13.2)	( 6.0)	( 9.6)	(-0.6)	28.6	-8.6	-	-	-	-	-	-	-	-	-	-	-	-	-	56	-	-	-	-	-	-	-	-	-																								
WADDON ...	9 9	59	(13.5)	( 6.1)	( 9.8)	(-0.4)	29.5	-8.0	-	-	839	125	48	27 DEC	170 138	-	-	-	-	-	-	45	-	-	-	-	-	-	-	-	-																								
MILTSIRE																																																							
BOSCOMBE DOWN ...	21-9	126	12.5	5.3	8.9	-0.7	29.5	-10.9	10.2	10.2	793	110	51	27 DEC	185 136	51	23	2	27	7	17	81	134	99	3	-	-	-	-	-	-																								
LACOCK ...	9 9	49	12.7	( 4.5)	( 8.6)	-	28.7	-13.0	-	-	( 742)	(103)	45	27 DEC	(181)(139)	-	17	-	-	-	-	24	76	-	-	-	-	-	-	-	-																								
LARKHILL ...	9 9	132	12.6	4.7	8.7	-0.6	29.3	-11.2	-	-	800	107	51	27 DEC	176 133	45	22	7	14	7	22	81	128	98	1	-	-	-	-	-	-																								
LYNEHAM ...	21-9	145	12.1	5.5	8.8	-0.5	28.4	-9.6	-	-	729	102	45	27 DEC	180 132	54	34	3	33	7	28	73	130	105	0	-	-	-	-	-	-																								
PORTON ...	9 9	111	(12.5)	( 4.5)	( 8.5)	(-0.8)	28.9	-11.2	( 9.6)	-	848	111	51	27 DEC	177 137	-	21	-	-	-	-	82	-	-	-	-	-	-	-	-	-																								
TROMBRIDGE ...	9 9	37	13.1	4.9	9.0	-	29.8	-13.3	10.2	-	839	-	52	27 DEC	170 132	46	27	6	7	11	12	80	144	-	2	-	-	-	-	-	-																								
UPVAVON ...	21-9	179	(12.1)	( 5.2)	( 8.7)	-	29.0	-11.4	-	-	801	105	50	27 DEC	199 145	55	30	17	8	29	80	-	-	-	-	-	-	-	-	-	-																								
BERKSHIRE																																																							
EASTHAMPTON ...	9 9	77	12.9	4.4	8.7	-	29.7	-12.2	9.7	9.8	731	-	29	27 DEC	182 130	45	28	3	13	22	16	89	125	103	0	-	-	-	-	-	-																								
HURLEY ...	9 9	43	(13.0)	( 4.9)	( 8.9)	-	29.6	-11.8	( 9.8)	-	757	109	27	27 DEC	196 135	31	22	0	2	9	-	78	131	-	1	-	-	-	-	-	-																								
LAMBURN(WARREN FARM)	9 9	192	11.9	4.6	8.3	-	27.8	-10.8	9.5	-	( 785)	-	44	27 DEC	(194)(131)	30	23	0	2	4	-	( 90)	-	-	-	-	-	-	-	-	-																								
READING ...	9 9	66	12.9	5.3	9.1	-	29.2	-9.8	9.9	10.1	665	-	22	27 DEC	178 132	30	23	0	5	8	16	66	144	101	0	-	-	-	-	-	-																								
SHINFIELD(N.T.R.O.)	9 9	62	13.1	5.0	9.1	-	29.6	-11.6	-	-	658	-	22	27 DEC	175 123	29	18	0	4	5	40	69	140	-	0	-	-	-	-	-	-																								
SURREY																																																							
NICKLEHAM ...	9 9	55	-	( 4.4)	-	-	-	-14.2	( 9.8)	-	880	119	53	27 DEC	171 139	23	28	3	2	9	-	86	-	-	-	-	-	-	-	-	-																								
WISLEY ...	9 9	32	13.6	5.2	9.4	-0.6	30.0	-11.8	10.2	10.5	754	116	39	27 DEC	174 129	28	24	5	2	13	39	67	117	-	9	-	-	-	-	-	-																								
KENT																																																							
DOVER R.M.S. ...	9 9	123	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																								
DUNGENESS ...	9 9	6	-	-	-	-	23.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																								
EAST MALLING ...	9 9	52	13.4	5.4	9.4	-0.3	28.7	-11.0	10.3	10.5	700	104	42	27 DEC	176 125	33	24	3	9	12	20	60	132	100	7	-	-	-	-	-	-																								
EDENBRIDGE ...	9 9	45	-	( 3.9)	-	-	28.6	-13.4	-	-	756	-	54	27 DEC	170 131	-	-	-	-	-	-	103	-	-	-	-	-	-	-	-	-																								
ELMSTONE ...	9 9	5	13.8	5.0	9.4	-	29.1	-12.3	-	-	629	98	43	27 DEC	165 119	24	15	1	0	12	-	69	-	-	-	-	-	-	-	-	-																								
FAVERSHAM ...	9 9	48	13.2	5.9	9.5	-	28.7	-11.0	9.7	10.3	702	105	63	27 DEC	185 127	21	23	2	3	6	15	52	-	-	-	-	-	-	-	-	-																								
FOLKESTONE ...	9 9	31	12.6	5.5	9.1	-	25.3	-10.2	-	10.7	797	111	37	27 DEC	176 127	28	21	4	0	8	6	59	116	-	33	-	-	-	-	-	-																								
GILLINGHAM ...	9 9	3	-	-	-	-	-	-	-	-	( 736)	(120)	39	27 DEC	(158)(127)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																								
GOUDHURST ...	9 9	85	12.4	5.1	8.7	-0.6	27.2	-12.2	-	-	828	99	64	27 DEC	183 132	33	24	5	2	10	15	79	120	-	1	-	-	-	-	-	-																								
MADLOW COLLEGE ...	9 9	27	(13.3)	( 4.7)	( 9.0)	-	28.2	-13.5	-	-	( 767)	-	45	27 DEC	(185)(135)	23	19	1	2	5	-	79	-	-	-	-	-	-	-	-	-																								
HERNE BAY ...	9 9	31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																																			



Table 3 (continued)

DISTRICT REGION/COUNTY AND PLACE	MAX. TERMINAL (HOUR) MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEG C					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 (DEG C)	100 CM (DEG C)	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY		PRECIP- ITATION	SNOW OR SLEET LYING AT 9H	MAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	DEW OR FROST MIN DEG C	CONDENSE OR FROST MIN DEG C	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	-	-	-	-	-12.3	-	-	-	852	90	33	26 DEC	214 147	51	22	11	6	5	8	-	-	-	3	3.72	-	
CARTMEL ...	9 9	35	11.3	4.4	7.9	-	25.6	-12.9	-	-	1212	-	44	6 JAN	212 174	-	3	-	-	-	3	80	-	-	-	3.79	-	
ESKMEALS ...	9 9	8	-	-	-	-	-9.6	-	-	-	1182	-	38	19 JAN	211 168	-	-	-	-	-	2	-	-	-	8	-	-	
GRIZEDALE ...	9 9	91	11.3	3.5	7.4	-	26.8	-13.1	8.1	-	-	-	-	-	-	47	56	0	7	5	2	97	190	6	-	-		
MOOR HOUSE ...	9 9	556	7.1	1.4	4.3	-	22.4	-15.9	5.8	-	-	-	-	-	-	85	118	11	13	7	59	149	201	61	2.94	-		
NEWTON RIGG ...	9 9	171	10.9	-	-	-	25.0	-14.8	8.6	-	958	103	46	25 NOV	(216)(167)	49	46	4	1	4	6	-	133	-	2	3.12	80 S	
SELLFIELD ...	9 9	13	-	-	-	-	-	-	-	-	1053	97	19	2 NOV	206 163	-	-	-	-	-	-	-	-	-	-	-	-	
LANCASHIRE																												
AUGHTON ...	21-9	94	11.5	6.1	8.8	-	25.8	-7.8	9.3	9.6	781	-	26	4 DEC	199 152	42	23	16	8	8	7	55	-	-	1	4.07	-	
HAZELRIGG ...	9 9	95	10.9	5.5	8.2	-	24.8	-8.1	8.5	-	1211	-	35	19 JAN-26 DEC	227 176	-	33	-	-	-	8	69	112	104	-	2	3.55	-
HELMESHORE ...	9 9	260	(10.1)	4.4	(7.3)	-	24.7	-8.8	-	-	-	-	-	-	-	34	67	1	2	0	-	92	-	-	-	-	-	
KIRKHAM ...	9 9	24	-	-	-	-	-11.9	-	-	-	1011	107	41	8 AUG	206 155	25	15	6	8	7	-	-	-	-	0	-	-	
MORECAMBE ...	9 9	7	11.5	6.3	8.9	-0.6	23.7	-7.7	-	-	969	99	35	26 DEC	216 161	16	17	2	4	0	1	47	-	-	1	3.77	96	
PRESTON ...	9 9	33	11.7	5.5	8.6	-	25.8	-10.3	-	-	1111	111	33	8 AUG-26 DEC	215 172	31	23	4	13	12	3	65	-	-	0	-	-	
SLAIBURN ...	9 9	192	10.6	4.1	7.3	-	25.4	-10.3	-	-	1754	115	50	25 NOV	238 183	65	48	14	2	0	-	90	140	-	0	3.42	-	
SQUIRES GATE AIRPORT	21-9	10	11.6	6.0	8.8	-0.7	26.0	-11.3	-	-	893	104	34	8 AUG	203 155	38	14	3	25	10	5	60	-	-	3	4.19	99	
MERSEYSIDE																												
RIGBURN ...	9 9	12	12.3	6.5	9.4	-	27.1	-6.6	-	-	(812)	-	32	29 DEC	197 143	30	20	9	7	11	12	42	91	86	2	(3.53)	-	
BIDSTON ...	9 9	60	11.6	6.5	9.1	-	26.2	-5.7	-	-	743	102	24	8 AUG	191 138	41	15	15	5	16	8	39	-	-	3	3.93	-	
ST HELENS ...	9 9	76	-	-	-	-	-8.3	-	-	-	885	-	33	4 DEC	207 163	37	-	-	1	12	1	-	-	-	0	-	-	
SOUTHPORT ...	9 9	5	-	-	-	-	24.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WEST KIRBY PARK	9 9	7	-	-	-	-	27.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
GREATER MANCHESTER																												
BOLTON ...	9 9	107	-	-	-	-	-10.0	-	-	-	1244	-	34	3 DEC	216 182	-	47	-	-	-	-	-	-	-	-	-	-	-
MANCHESTER																												
RINGWAY AIRPORT	21-9	75	-	-	-	-	-12.0	-	-	-	824	101	25	14 AUG	213 155	57	25	3	17	9	6	-	-	-	0	3.55	97	
WEATHER CENTRE (X)	21-9	69	12.3	6.8	9.5	-	27.3	-6.6	-	-	947	-	30	4 DEC	206 159	63	-	2	18	13	6	34	-	-	0	3.34	-	
CHESHIRE																												
KNUTSFORD ...	9 9	65	12.2	4.7	8.5	-	26.5	-10.5	9.3	9.5	-	-	-	-	-	-	-	-	-	-	-	75	138	-	-	-	-	
MACCLESFIELD ...	9 9	152	-	-	-	-	26.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NESS GARDENS ...	9 9	30	12.2	5.4	8.8	-	26.9	-8.2	9.4	-	716	100	27	4 DEC	187 130	37	28	9	6	4	10	65	128	-	9	(3.54)	S	
ISLE OF MAN																												
DOUGLAS ...	9 9	85	10.8	6.1	8.5	-0.8	26.8	-6.5	-	-	1087	96	54	26 DEC	206 151	32	4	11	7	5	12	29	78	-	10	4.00	93	
POINT OF AYRE ...	21-9	9	11.7	6.3	9.0	-0.9	26.0	-4.4	-	-	835	100	36	26 DEC	193 137	-	-	-	-	-	-	22	-	-	-	-	3.99	93
RONALDSWAY AIRPORT	21-9	16	11.0	6.3	8.7	-0.8	20.2	-7.3	-	-	831	96	39	26 DEC	208 144	42	2	8	22	4	5	28	91	57	5	4.03	95	
7B WALES W																												
GWYNEDD																												
BALA ...	9 9	163	-	(4.3)	-	-	25.3	-13.0	8.9	9.3	1332	106	55	26 DEC	226 168	49	37	3	9	1	-	88	139	-	5	3.21	-	
BARSEY ISLAND ...	21-9	15	11.2	7.7	9.5	-	21.6	-6.1	-	-	888	100	33	10 MAY	187 143	19	4	3	9	1	14	11	30	-	43	-	-	
BETHS-Y-COED ...	9 9	20	-	-	-	-	-	-	-	-	1540	-	62	4 DEC	235 187	11	17	0	2	0	-	-	-	-	-	0	-	-
BOTHMNOG ...	9 9	34	-	5.9	-	-	22.3	-5.5	10.1	11.0	1090	99	36	26 DEC	206 154	20	6	3	5	2	6	34	83	-	4	3.89	-	
CHWYSTADL LLYN	9 9	204	(10.7)	-	-	-	22.0	(-7.0)	-	-	(2099)	-	57	4 DEC	(232)(198)	-	-	-	-	-	-	-	-	-	-	-	-	-
LLYN ALAM ...	9 9	44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PEN-Y-FFRIDD ...	9 9	84	12.1	5.9	9.0	-	24.5	-5.0	-	-	1139	103	44	4 DEC	223 172	27	19	4	23	4	8	44	156	-	16	3.60	S	
TRANSFYNYDD	9 9	193	-	-	-	-	-	-	-	-	1747	103	61	4 DEC	246 203	-	-	-	-	-	-	-	-	-	-	-	-	-
VALLEY ...	21-9	10	11.8	7.1	9.5	-0.6	22.2	-4.4	-	-	930	107	37	14 NOV	206 145	32	8	0	21	5	4	24	80	64	41	4.27	97	
CLWYD																												
ALWEN ...	9 9	335	-	-	-	-	24.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BMLCHWYN ...	9 9	386	(9.5)	(3.5)	(6.5)	-	23.5	-9.5	(7.1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
COLWYN BAY ...	9 9	18	-	-	-	-	23.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CORNW ...	9 9	144	11.6	3.7	7.7	-	25.4	-16.2	-	-	1179	112	50	26 DEC	244 162	65	57	11	14	4	-	96	164	-	1	-	-	
HAWARDEN BRIDGE ...	9 9	5	12.8	5.8	9.3	-0.6	27.5	-9.3	-	-	742	105	29	4 DEC	198 138	38	26	10	9	4	11	53	-	-	3	-	-	
LOGGERSHEADS ...	9 9	210	10.9	3.9	7.4	-	25.1	-15.9	8.3	8.5	846	95	29	4 DEC	209 160	58	66	1	1	2	12	90	136	-	0	3.52	S	
PRESTATYN ...	9 9	4	(12.2)	(6.8)	(9.5)	(-0.6)	25.4	-6.0	-	-	690	102	25	4 DEC	204 135	-	-	-	-	-	-	(42)	-	-	-	(3.66)	(96)	
RUTHIN ...	9 9	76	12.1	4.9	8.5	-	27.0	-																				



Table 3 (continued)

DISTRICT REGION/COUNTY AND PLACE	MAX. TEMP. (°C)	MIN. TEMP. (°C)	AIR TEMPERATURE IN DEG C						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.			50 CM (DEG C)	100 CM (DEG C)	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY		PRECIPITATION  OR MORE OR MORE	SNOW OR SLEET LYING AT 9M	MAIL	ICE PELLETS.ETC.	THUNDER HEARD	FOG AT 9M	AIR FROST	WIND BELOW 5000 C	CONCRETE MIN. BELOW 0 DEG C	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE
			MAX. (A)	MIN. (B)			MAX.	MIN.						AMOUNT (MM)	DATE													
BA WALES CONTINUED																												
MID GLAMORGAN																												
ABERGEILE FILTER STATION	9.9	17.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CILFYNYDD ... ..	21-9	19.4	-	-	-	-	-	-	-	14.87	-	60	27 DEC	207 163	40	44	1	2	3	9	-	-	-	-	-	-	-	-
LILLYNOYD ... ..	9.9	24.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PORTHCAWL ... ..	9.9	6	12.6	-	-	-	-	-	-	10.11	100	46	10 MAY	175 150	-	-	-	-	-	7	-	-	-	-	-	-	-	
SOUTH GLAMORGAN																												
BRIDGENO ... ..	9.9	40	12.6	5.8	9.2	-	26.4	-8.6	10.5	10.7	1220	63	10 MAY	206 160	33	6	1	6	2	12	65	125	-	-	-	-	-	
CARDOFF (BUTE PARK) ... ..	9.9	9	(13.0)	( 5.7 )	( 9.3 )	-	27.5	-10.0	(10.9)	(10.8)	1072	45	13 AUG	208 158	28	-	-	-	-	-	-	( 64 ) ( 116 )	-	-	-	-	-	
RHOOSE AIRPORT ... ..	21-9	67	12.1	6.1	9.1	-	26.6	-8.0	-	-	1057	54	10 MAY	202 152	46	21	19	21	5	12	57	101	84	2	-	-	-	
GHEINT																												
CRUMBLAND ... ..	9.9	24.5	11.6	4.9	8.3	-	27.5	-8.6	8.8	8.9	1016	98	65	27 DEC	188 133	30	53	0	2	3	55	87 (123)	-	25	-	-	-	
USK ... ..	9.9	21	-	-	-	-	28.5	-	-	-	-	-	-	-	29	34	1	9	5	-	-	-	-	-	-	-	-	
BB ENGLAND SW																												
AVON																												
BATH ... ..	9.9	118	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FILTON ... ..	21-9	59	12.6	6.1	9.3	-0.7	27.3	-12.8	-	-	805	113	41	30 MAY	189 139	43	22	18	7	8	7	58	123	85	0	-	-	
LONG ASHTON ... ..	9.9	51	12.9	5.5	9.2	-0.8	27.5	-11.6	10.4	-	( 969 )	( 111 )	43	27 DEC	195 (151)	34	22	8	4	8	9	67 (107)	-	4	-	-	-	
SOMERSET																												
BRYMORE ... ..	9.9	23	13.4	( 5.6 )	( 9.5 )	-	28.0	-11.5	10.6	-	899	-	45	27 DEC	184 139	26	22	1	11	6	11	56	-	7	-	-	-	
CREWKERNE ... ..	9.9	101	12.6	5.8	9.2	-	27.9	-9.0	10.1	-	1104	-	66	27 DEC	184 142	18	18	1	2	9	-	56	-	10	-	-	-	
DOWNSIDE ABBEY ... ..	9.9	183	-	-	-	-	27.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
EXTON ... ..	21-9	329	11.0	4.7	7.9	-	26.7	-10.1	-	-	1517	-	64	27 DEC	241 183	89	56	25	14	9	34	83	128	97	0	-	-	
HAWKRIIDGE ... ..	9.9	314	(10.7)	-	-	-	24.9	-	-	-	1649	108	41	27 DEC	244 196	42	38	11	2	3	-	-	-	-	-	-	-	
NETTLECOMBE ... ..	9.9	96	12.7	( 4.5 )	( 8.6 )	-	26.0	-10.5	-10.7	-	1090	-	59	27 DEC	196 147	30	24	2	8	2	9	65	121	-	1	-	-	
NETTLECOMBE (BIRDS HILL) ... ..	9.9	280	-	( 4.9 )	-	-	-	-7.1	-	-	( 1182 )	-	57	27 DEC	( 203 ) ( 165 )	33	39	5	5	2	17	64	-	-	-	-	-	
RODNEY STOKE ... ..	9.9	40	(12.7)	( 5.7 )	( 9.2 )	-	28.0	-9.4	10.6	10.6	( 925 )	( 102 )	45	27 DEC	( 199 ) ( 154 )	23	19	3	0	10	12	( 60 ) ( 114 )	-	10	-	-	-	
WINCANTON ... ..	9.9	113	-	-	-	-	-	-11.0	-	-	995	109	42	30 MAY	( 193 ) 161	53	23	0	3	3	-	-	-	-	-	-	-	
YEovilTON ... ..	21-9	18	13.2	5.4	9.3	-	28.8	-12.9	-	-	887	116	55	30 MAY	179 134	21	12	5	5	5	14	70	-	6	-	-	-	
DORSET																												
BOURNEMOUTH																												
HURN AIRPORT ... ..	21-9	10	13.2	5.3	9.3	-	26.4	-12.9	-	-	804	100	48	27 DEC	176 135	26	11	5	18	5	10	79	106	85	3	-	-	
DORSET TECH COLLEGE ... ..	9.9	50	13.2	5.5	9.3	-	25.5	-9.0	10.1	10.1	( 897 )	-	53	27 DEC	( 167 ) ( 146 )	-	-	-	-	-	9	61	112	-	-	-	-	
CHRISTCHURCH ... ..	9.9	4	13.0	6.2	9.6	-	25.0	-9.0	-	-	835	107	45	27 DEC	164 130	17	13	5	2	7	-	51	98	-	3	-	-	
POOLE ... ..	9.9	5	13.5	( 5.6 )	( 9.5 )	(-0.9)	25.9	-14.0	(10.8)	-	889	114	54	27 DEC	( 175 ) 132	15	6	7	1	3	-	65 (120)	-	0	-	-	-	
PORTLAND BILL (COASTGUARD) ... ..	21-9	53	-	( 7.9 )	-	-	23.6	-6.8	-	-	830	-	49	9 DEC	152 119	17	4	4	2	11	18	21	-	-	-	-	-	
SWANAGE ... ..	9.9	11	12.7	6.9	9.8	-0.7	23.2	-7.7	-	11.8	877	108	47	27 DEC	175 136	19	7	7	2	7	4	34	73	-	18	-	-	
WEYMOUTH ... ..	9.9	23	13.3	6.5	9.9	-	25.0	-8.0	-	-	832	-	62	27 DEC	172 137	10	-	2	2	3	-	43	-	-	-	-		
WIMFRITH ... ..	9.9	26	(13.1)	( 5.3 )	( 9.2 )	-	25.5	-11.9	-	-	975	111	62	27 DEC	165 141	17	14	5	1	8	-	65 (138)	-	8	-	-	-	
DEVON																												
CHARLEIGH ... ..	9.9	168	12.2	4.9	8.5	-	27.2	-12.4	10.0	-	1141	-	34	27 DEC	230 171	39	25	19	7	8	-	69	106	-	1	-	-	
EXETER AIRPORT ... ..	21-9	32	13.3	6.2	9.7	-0.6	28.1	-13.1	-	-	841	109	35	27 DEC	187 130	37	15	7	21	10	11	56	106	74	5	-	-	
EXMOUTH ... ..	9.9	59	-	-	-	-	23.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HARTLAND POINT ... ..	21-9	93	11.3	8.0	9.7	-0.6	21.4	-4.3	-	-	895	103	35	27 DEC	209 154	23	4	2	14	6	14	18	31	28	51	-	-	
HEMYOCK ... ..	9.9	165	12.1	( 5.2 )	( 8.7 )	-	28.3	-11.1	-	-	1074	-	41	27 DEC	207 158	-	-	-	-	-	-	-	-	-	-	-	-	
ILFRACOMBE ... ..	9.9	8	12.8	( 7.9 )	(10.5)	-	24.1	-	11.7	11.7	1233	118	45	27 DEC	216 166	22	9	8	9	6	9	-	-	-	-	-	-	
MELBURY ... ..	9.9	14.3	11.9	5.4	8.7	-	23.6	-13.0	-	-	1444	-	53	27 DEC	229 187	-	5	-	-	-	-	57	-	-	-	-	-	
OKEHAMPTON ... ..	9.9	372	10.5	4.8	7.7	-	24.6	-9.9	-	-	1585	-	76	27 DEC	231 187	50	47	8	23	8	-	74 (113)	-	27	-	-	-	
PLYMOUTH																												
MOUNT BATTEEN ... ..	21-9	27	12.9	7.3	10.1	-0.6	24.8	-8.8	-	-	1036	105	33	28 JUL-27 DEC	200 149	20	5	5	26	10	4	35	74	63	11	-	-	
THE HOE ... ..	9.9	36	12.9	7.1	10.0	-0.9	24.8	-8.3	11.1	-	899	93	33	28 JUL	185 147	16	3	7	5	-	4	36	-	-	-	-	-	
PRIMLEY POINT ... ..	21-9	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PRINCETOWN ... ..	9.9	414	10.0	4.5	7.3	-	24.0	-11.5	-	-	2324	-	90	26 DEC	245 212	68	40	3	17	12	-	87	-	-	-	-	-	
RUMLEIGH ... ..	9.9	38	13.3	5.6	9.5	-	26.6	-11.7	10.8	-	1229	-	53	26 DEC	219 161	26	6	6	16	10	9	70	105	-	8	-	-	
SIDMOUTH ... ..	9.9	10	13.0	6.6	9.8	-0.6	23.5	-10.0	-	-	877	111	35	27 DEC	192 141	5	0	0	0	0	8	41	-	-	-	-	-	
SLAPTON ... ..	9.9	32	(13.5)	( 6.7 )	(10.1)	-	24.5	-7.8	-	-	1164	109	41	27 DEC	192 151	18	8	3	14	5	-	28	-	-	-	-	-	
STARACROSS ... ..	9.9	9	13.2	5.9	9.5	-0.8	24.0	-13.6	10.8	-	956	118	44	27 DEC	190 139	24	9	0	6	6	22	51	110	-	20	-	-	
TEIGNMOUTH ... ..	9.9	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TORBAY (TORQUAY) ... ..	9.9	8	13.6	7.0	10.3	-0.6	25.1	-8.1	-	11.6	1057	118	50	27 DEC	192 137	19	6	10	2	5	5	36	69	-	20	-	-	
TRIST ... ..	9.9	186	12.2	5.1	8.7	-	27.5	-10.4	-	-	1118	-	62	27 DEC	193 151	34	17	0	1	11	19	71	-	-	-	-	-	
CORNWALL																												
CAMBORNE ... ..	21-9	87	12.3	7.4	9.9	-	22.6	-6.5	10.7	10.9	1190	-	58	27 DEC	216 167	21	8	32	17	17	18	21	66	41	10	-	-	
BASTREET ... ..	9.9	236	11.5	4.5	8.0	-	24.9	-15.0	-	-	1809	106	66	26 DEC	248 202	34	23	5	14	2	24	69	112	-	4	-	-	
BUDE ... ..	9.9	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CULDROSE ... ..	9.9	81	12.4	6.9	9.7	-	22.3	-7.6	-	-	1192	127	35	28 JUL	218 172	19	7	13	7	13	19	32	-	-	-	-	-	
DELABOLE ... ..	9.9	201	-	-	-	-	-	-	-	-	-	-	-	-														



Table 3 (continued)

DISTRICT REGION/COUNTY AND PLACE	MAX. TERMINAL HIGHT MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEG C				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 (1000 C)	100 CM (1000 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 FOG 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.	MIN.					AMOUNT (MM)	DATE																	
NORTHERN IRELAND																															
LONDONDERRY																															
AGHNAUL	9.9	18	11.6	4.9	8.3	-	24.1	-8.0	-	-	809	27	25 NOV	248	200	33	17	10	5	9	6	48	-	-	-	-	-	-	-	-	-
BANAGHER (CAUGH HILL)	9.9	216	10.5	4.0	7.3	-	23.0	-12.0	-	-	1402	32	25 NOV	284	224	55	-	6	2	11	4	81	-	-	-	-	46	3.20	-	-	
BOON HALL	9.9	37	-	-	-	-	25.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CARHONEY	9.9	73	11.1	5.0	8.1	-	23.5	-7.0	-	-	1007	37	1 SEP	267	207	-	20	-	-	-	1	55	-	-	-	-	-	3.17	-	-	
COLERAINE UNIVERSITY	9.9	23	11.2	4.9	8.1	-	23.0	-11.2	9.0	9.1	963	34	3 OCT	253	198	74	21	10	27	13	4	56	142	-	3	3.17	85	-	-		
COOLKEERAGH	9.9	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DERRYNOYD FOREST	9.9	88	11.5	4.3	7.9	-	24.5	-12.9	-	-	1292	106	29	24 OCT	266	207	37	-	16	0	8	-	81	-	-	-	-	-	-	-	
GARYVACH FOREST	9.9	88	11.0	4.0	7.5	-	23.7	-10.3	-	-	1151	95	31	24 MAR	270	199	-	34	-	-	-	5	88	171	-	-	-	-	-	-	
LOUGHMORE FOREST	9.9	174	10.6	3.5	7.1	-	24.0	-13.2	-	-	1253	108	34	25 NOV	286	238	88	49	22	12	14	12	106	159	-	24	-	-	-		
MONEYDIG	9.9	34	11.7	4.2	7.9	-0.8	24.6	-10.7	9.6	-	1055	102	25	3 OCT	266	199	49	30	12	5	14	-	73	155	105	2	-	-	-	-	
TRADE POINT	9.9	16	-	-	-	-	23.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ANTRIM																															
ALDERGROVE AIRPORT	21.9	68	11.3	5.0	8.1	-0.8	23.4	-10.4	9.1	9.3	947	104	38	13 NOV	240	175	60	17	11	17	11	7	72	122	104	2	3.34	95	-	-	
ALTNAHINCH	9.9	213	9.7	3.7	6.7	-	22.8	-11.5	-	-	1441	94	32	2 SEP	262	222	68	37	7	3	6	6	90	148	-	12	2.87	-	-	-	
BALLYLUMFORD	9.9	24	11.7	5.7	8.7	-	22.3	-4.5	-	-	890	-	32	3 OCT	209	147	-	-	-	-	-	-	26	97	-	-	-	-	-	-	
BALLYPATRICK FOREST	9.9	152	10.2	4.5	7.3	-	22.5	-6.7	-	-	1240	97	35	19 JAN	257	213	29	-	5	3	3	8	64	125	-	4	3.41	-	-	-	
CARNLUGH	9.9	12	11.5	5.1	8.3	-	23.5	-7.3	-	-	1148	-	33	17 DEC	247	190	15	-	5	0	0	5	47	-	-	-	-	-	-	-	
DIVIS MOUNTAIN	9.9	363	9.1	2.6	5.9	-	22.4	-10.2	-	-	1423	117	36	16 AUG	229	226	45	-	2	1	5	-	124	-	-	-	-	-	-	-	
GREENMOUNT	9.9	38	11.5	4.8	8.1	-	23.8	-11.4	9.7	-	909	104	30	13 NOV	225	175	34	17	4	1	8	-	70	127	-	-	-	-	-	-	
HYDE PARK (MALLUSK)	9.9	140	-	-	-	-	22.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
KILROOT POWER STATION	9.9	12	11.7	5.4	8.5	-	23.4	-7.9	-	-	947	-	31	19 JAN, 6 AUG	231	157	22	11	3	0	0	-	40	104	-	-	-	-	-	-	
LISNAFILLAN	9.9	38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LONTOWN	9.9	271	9.6	3.5	6.5	-	21.1	-8.5	7.4	-	1383	97	28	13 NOV	266	218	44	60	4	0	1	43	99	164	-	18	3.00	-	-	-	
PARKMORE FOREST	9.9	235	9.6	2.8	6.2	-	21.3	-10.5	-	-	1788	103	35	20 JAN	260	227	48	61	6	0	7	13	130	160	-	25	-	-	-	-	
WOODBURN NORTH	9.9	217	9.9	4.1	7.0	-	21.5	-7.5	-	-	1259	104	39	13 NOV	248	196	24	20	0	0	0	29	80	146	-	-	-	-	-	-	
BELFAST																															
ANDERSONSTOWN	9.9	64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MALONE	9.9	35	-	-	-	-	-	-9.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MILLTOWN	9.9	37	12.1	4.8	8.5	-	24.4	-9.1	-	-	945	45	13 NOV	219	159	-	19	-	-	-	-	69	-	-	-	-	-	-	-	-	
NEWTONABNEY	9.9	32	11.7	6.1	8.9	-	23.5	-7.2	9.7	-	1003	99	42	13 NOV	214	158	41	11	14	0	8	6	31	116	82	10	3.35	-	5	-	
ROSEBANK	9.9	47	-	-	-	-	23.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ROSETTA	9.9	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SHAW'S BRIDGE	9.9	15	12.0	4.5	8.3	-	24.0	-9.5	-	-	965	45	13 NOV	228	156	46	21	6	13	11	-	84	-	-	-	-	-	-	-	-	
STORMONT CASTLE	9.9	56	11.3	4.8	8.1	-	22.7	-7.6	-	9.5	971	104	32	19 JAN	214	160	20	14	0	1	2	4	64	144	-	-	3.31	-	-	-	
DOWN																															
BANGOR SEACOURT	9.9	15	11.5	6.1	8.8	-	23.0	-4.0	9.7	10.1	836	-	34	3 OCT	209	146	36	5	17	10	12	5	23	80	63	15	3.61	-	-	-	
BALLYWATER PARK	-	11	-	-	-	-	-	-	-	-	830	98	40	3 OCT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BALLYWATICOCK	9.9	6	11.4	5.4	8.4	-	22.7	-8.3	8.7	9.2	832	106	34	3 OCT	200	137	29	11	3	5	7	3	46	112	99	3	3.71	-	-	-	
BRYANSFORD	9.9	85	11.8	5.5	8.7	-	22.5	-7.4	9.9	10.3	1202	-	58	13 NOV	199	160	41	-	5	4	5	4	51	120	99	5	3.78	-	-	-	
DOWNPATRICK	9.9	26	12.0	5.5	8.7	-	23.5	-6.9	-	-	868	-	41	3 OCT	187	133	-	-	-	-	-	-	47	97	-	-	-	-	-	-	
HELENS BAY	9.9	43	11.6	5.8	8.7	-	23.2	-4.9	-	-	902	105	34	3 OCT	212	149	42	11	1	16	8	-	31	102	-	16	3.58	-	-	-	
HILLSBOROUGH	9.9	116	10.9	4.3	7.6	-1.1	22.6	-9.9	8.7	-	950	105	45	13 NOV	232	178	31	28	4	4	5	1	76	148	-	23	3.73	107	-	-	
LONG KESH	21.9	37	11.5	4.8	8.1	-	23.3	-15.2	8.9	9.2	868	-	39	13 NOV	223	159	40	16	25	2	8	11	78	126	111	7	3.61	-	-	-	
LOUGH COWEY	9.9	10	11.4	5.0	8.2	-	24.0	-5.6	-	-	824	-	43	3 OCT	168	139	8	5	1	0	7	5	49	-	-	-	-	3.52	-	-	
MAGHERALLY	9.9	97	11.2	3.5	7.3	-	23.6	-10.8	-	-	968	-	59	13 NOV	216	159	-	24	-	-	-	-	103	144	-	-	-	-	-	-	
MURLOUGH	9.9	9	12.0	4.7	8.3	-	23.7	-8.4	8.7	8.6	955	-	33	3 OCT	202	146	20	4	2	5	4	12	78	117	-	29	3.82	-	-	-	
NEWRY	9.9	1	12.1	5.2	8.7	-	23.6	-9.0	-	-	1003	-	41	13 NOV	207	164	11	6	1	0	5	-	60	115	-	-	-	-	-	-	
SILENT VALLEY	9.9	129	10.8	4.9	7.9	-	22.5	-9.7	-	-	1399	-	42	13 NOV	222	174	43	14	7	1	3	16	57	115	-	-	3.82	-	-	-	
ARMAGH																															
ARMAGH	9.9	62	11.7	4.8	8.3	-1.0	24.1	-9.5	9.8	10.1	868	100	36	3 OCT	244	174	49	25	14	4	8	3	77	-	-	21	3.16	92	-	-	
LOUGHGALL	9.9	25	11.8	4.7	8.3	-	23.8	-9.0	-	-	849	106	38	3 OCT	232	165	33	-	1	2	4	8	75	174	-	5	3.47	-	-	-	
LURGAN	9.9	55	12.0	4.9	8.5	-	24.9	-10.3	-	9.5	915	112	47	13 NOV	232	164	21	-	3	0	0	-	64	143	-	-	3.38	-	-	-	
TANDRAGEE	9.9	43	12.4	4.3	8.3	-	24.6	-10.3	-	-	844	-	45	13 NOV	196	153	23	-	0	0	7	-	83	-	-	-	-	-	-	-	
TYRONE																															
ALTAVEEDAN	9.9	175	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CARRIGANS	21.9	113	11.3	4.6	7.9	-	24.8	-13.0	-	-	1301	115	41	25 NOV	271	221	65	31	21	16	14	11	79	145	93	3	3.06	-	-	-	



Table 4 Summary of observations at fixed hours

DISTRICT, REGION/COUNTY AND PLACE	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 - 39 M	40 - 190 M	200 - 390 M	400 - 990 M	1000 - 1900 M	2000 - 3900 M	4 - 9 KM	10 - 19 KM	20 - 39 KM	40 KM AND OVER	BEAUFORT FORCE					SPEED (KT)										
										MEAN	0	1 - 2	3 - 5	6 - 7											8	SKY OBSERVED	8 OR MORE	22-33	11-21		1-10	0	N	NE	E	SE	S	SW	W	NW
NUMBER OF OBSERVATIONS																																								
O SCOTLAND N SHETLAND																																								
FAIR ISLE	61	9	1008.1	-	6.8	0.8	8.9	87	6.3	0	39	38	174	94	20	1	15	5	6	12	16	42	87	99	82	38	104	139	76	8	44	18	34	51	56	59	56	39		
		15	1008.1	-	7.2	0.9	9.1	86	6.5	0	29	45	165	116	10	0	7	3	12	9	15	55	117	80	67	41	103	144	72	5	43	22	35	51	53	61	58	37		
		21	1008.3	-	6.5	0.8	8.8	88	5.9	1	55	53	133	107	16	1	17	1	2	9	12	44	88	113	78	40	92	132	86	15	54	12	45	45	58	49	56	31		
LERNWICK	83	3	1007.6	-	5.4	-	8.2	-	6.3	3	38	50	113	137	24	0	16	3	7	3	21	69	60	135	51	6	58	161	122	18	35	17	24	46	52	66	61	46		
		9	1007.9	- 2.3	6.1	-	8.4	-	6.4	0	17	61	165	110	12	0	11	2	7	8	26	72	65	111	63	5	68	189	97	6	35	19	27	56	65	68	54	35		
		15	1007.8	-	6.7	-	8.5	-	6.4	0	22	63	151	110	19	0	10	8	13	5	26	60	66	102	75	7	70	201	82	5	28	19	27	49	66	75	59	37		
ORKNEY	21	9	1008.1	-	5.6	-	8.2	-	6.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	60	175	118	10	38	12	23	37	82	60	58	45			
		15	1008.1	-	6.0	0.6	8.8	90	6.1	1	43	56	132	125	8	0	5	3	4	3	11	49	64	168	58	4	40	172	136	13	27	13	27	53	61	59	79	33		
		21	1008.5	- 2.1	7.1	0.9	9.1	86	6.3	0	27	52	182	100	4	0	0	2	4	6	10	38	68	147	90	0	52	207	103	3	40	17	33	48	65	55	80	24		
KIRKNALL	26	9	1008.4	-	8.1	1.3	9.2	82	6.2	0	30	68	172	92	3	0	0	2	1	5	7	34	73	121	122	1	61	208	92	3	35	18	37	56	61	40	77	38		
		15	1008.4	-	8.1	1.3	9.2	82	6.2	0	30	68	172	92	3	0	0	2	1	5	7	34	73	121	122	1	61	208	92	3	35	18	37	56	61	40	77	38		
		21	1008.7	-	6.4	0.7	8.9	88	5.8	1	54	63	141	98	8	0	0	2	9	2	5	46	68	145	87	2	50	177	129	7	32	16	33	53	74	56	68	26		
WESTERN ISLES																																								
BENBECULA	7	3	1008.5	-	6.8	0.7	9.2	90	5.5	2	78	55	109	118	3	0	1	1	1	4	7	30	81	150	90	4	54	160	136	11	51	19	25	26	79	48	73	33		
		9	1008.6	- 2.2	7.8	1.0	9.5	86	5.9	0	41	84	148	91	1	0	0	1	1	3	23	29	62	149	97	2	50	195	109	9	36	29	27	37	70	58	68	31		
		15	1008.6	-	9.1	1.4	9.7	81	5.6	0	54	78	150	83	0	0	0	0	0	7	14	35	48	134	127	8	66	204	84	3	40	19	27	20	63	74	77	42		
STORNOWAY	5	3	1008.9	-	7.3	0.8	9.4	88	5.3	2	79	76	102	104	2	0	0	0	2	3	15	47	48	148	102	4	59	165	128	9	52	22	33	56	63	71	27			
		9	1008.2	-	6.3	0.6	9.0	91	5.5	7	69	61	112	115	1	0	0	0	1	1	2	25	106	201	29	4	16	119	206	20	35	19	27	19	58	75	67	45		
		15	1008.4	- 2.2	7.4	0.9	9.2	86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	25	163	170	6	37	33	23	29	77	70	58	32			
HIGHLAND	21	9	1008.3	-	8.5	1.3	9.4	82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	37	183	141	3	33	40	23	21	78	64	63	40				
		15	1008.3	-	8.5	1.3	9.4	82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	37	183	141	3	33	40	23	21	78	64	63	40				
		21	1008.6	-	6.9	0.7	9.2	89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	24	143	190	7	36	30	34	24	58	69	66	41				
CAPE WRATH	113	3	1007.4	-	6.5	0.5	9.3	93	6.4	0	14	97	95	133	26	3	9	9	5	1	0	4	39	200	95	19	58	93	178	17	29	24	43	21	36	95	66	34		
		9	1007.7	-	6.7	0.4	9.4	93	6.6	0	9	68	138	128	22	0	5	9	11	0	3	10	43	193	91	18	54	104	183	6	32	19	43	31	30	108	53	43		
		15	1007.7	-	7.5	0.6	9.7	91	6.5	0	3	93	135	112	22	2	10	4	6	1	5	6	34	200	97	18	56	99	186	6	37	21	50	29	22	95	70	35		
DALCROSS	12	9	1007.8	-	6.8	0.5	9.5	93	6.5	0	8	89	111	141	16	0	10	5	2	1	1	9	43	198	96	22	53	96	183	11	31	17	56	32	21	96	63	28		
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
		21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
WICK	37	3	1008.3	-	5.8	0.8	8.5	88	5.9	2	42	65	159	86	11	0	7	2	8	5	12	34	57	166	74	0	20	160	183	2	26	11	27	46	66	58	88	41		
		9	1008.5	- 2.5	7.0	1.1	8.8	84	6.3	0	21	59	210	72	3	0	1	3	6	7	13	41	68	134	92	0	28	185	151	1	33	13	28	44	77	44	79	46		
		15	1008.3	-	8.1	1.5	8.9	80	6.4	0	14	52	233	64	2	0	2	1	3	7	11	44	53	128	116	0	41	203	121	0	34	24	35	50	74	31	64	53		
1 SCOTLAND E GRAMPIAN	21	9	1008.7	-	6.4	0.9	8.7	86	5.9	0	43	68	169	79	6	0	3	2	2	2	13	42	48	169	84	0	22	168	171	4	25	15	39	46	67	56	70	43		
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
		21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
OYCE	69	3	1009.3	-	5.6	0.7	8.5	89	5.5	19	55	55	124	107	5	0	3	3	8	15	37	46	63	146	44	0	7	99	190	69	22	12	19	28	59	47	74	35		
		9	1009.5	- 2.4	7.5	1.3	8.9	81	6.0	0	49	50	182	80	4	0	0	3	4	5	26	57	54	94	122	0	0	132	200	27	32	10	26	35	72	54	56	53		
		15	1009.2	-	9.2	1.9	9.3	76	6.2	0	33	48	208	73	3	0	0	0	0	10	28	58	53	108	108	0	10	149	195	11	25	13	36	55	89	34	52	50		
FRASERBURGH	22	3	1009.7	-	6.8	0.9	9.0	86	5.9	7	48	55	149	101	5	0	1	2	3	8	37	78	58	123	55	0	6	102	212	45	24	8	22	40	77	37	68	44		
		9	1009.0	-	6.9	0.9	8.9	86	5.9	1	43	85	93	132	11	0	9	1	2	0	1	12	136	196	8	5	57	134	168	1	18	14	32	58	88	52	71	31		
		15	1009.3	- 2.3	7.8	1.2	9.1	83	6.2	0	23	88	120	129	5	0	4	1	0	2	13	100	242	3	2	63	140	157	3	20	18	34	50	82	44	75	39			
KINLOSS	6	3	1009.0	-	8.8	1.5	9.5	81	6.3	0	12	93	126	131	3	0	3	1	1	1	2	15	79	256	7	5	51	169	140	0	16	14	61	45	69	36	75	49		
		9	1009.4	-	7.7	1.1	9.1	84	5.9	0	41	92	90	127	5	2	2	1	0	1	12	120	224	2	10	37	136	179	3	21	19	29	62	83	42	58	48			
		15	1009.1	-	6.2	1.0	8.4	85	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	11	114	225	15	11	8	37	20	73	134	46	21			
LOSSIEMOUTH	6	3	1009.3	- 2.2	7.6	1.5	8.8	80	-	-	-																													



Table 4 (continued)

DISTRICT, REGION/COUNTY AND PLACE	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)	RELATIVE HUMIDITY (%)	OKTAS						BEAUFORT FORCE						SPEED (KT)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
									0	1-2	3-5	6-7	8	SKY OBSERVED	0-39 M	40-190 M	200-390 M	400-990 M	1000-1900 M	2000-3900 M	4-9 KM	10-19 KM	20-39 KM	40 KM AND OVER	BEAUFORT FORCE						SPEED (KT)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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6 SCOTLAND W -CONTD. DUMFRIES & GALLOWAY																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
ESKDALEHUIR	237	3	1011.1	-	4.4	0.5	8.1	91	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Table 4 (continued)

DISTRICT, REGION/COUNTY AND PLACE	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 - 39 M	40 - 190 M	200 - 390 M	400 - 990 M	1000 - 1900 M	2000 - 3900 M	4 - 9 KM	10 - 19 KM	20 - 39 KM	40 KM AND OVER	BEAUFORT FORCE														
									0	1 - 2	3 - 5	6 - 7	8	SKY OBSERVED											34 OR MORE	SPEED (KT)					N	NE	E	SE	S	SW	W	NW	
																										22-33	6-7	4-5	1-3	0									
																																							NUMBER OF OBSERVATIONS
3 EAST ANGLIA - CONTO.																																							
BEDFORDSHIRE																																							
CARDINGTON	30	3	1013.1	-	6.4	0.4	9.5	93	5.6	38	36	54	96	136	5	0	0	7	6	6	16	35	130	113	51	1	0	1	94	264	6	25	23	31	12	41	97	107	23
		9	1013.6	-1.9	8.9	1.3	10.1	84	6.3	5	26	58	160	111	5	0	0	4	4	4	20	22	143	97	70	1	0	5	100	257	3	29	29	20	27	31	85	105	36
		15	1012.8	-	11.9	2.7	10.2	71	6.5	1	21	46	194	99	4	0	2	2	2	9	13	95	110	128	4	0	9	154	201	1	32	23	29	21	36	74	114	35	
		21	1013.4	-	8.3	1.0	10.1	87	5.8	14	42	61	124	123	1	0	0	1	0	5	5	23	121	136	74	0	0	3	99	254	9	22	34	27	28	35	94	80	36
ESSEX																																							
SHOEBURYNESSE	5	9	1013.7	-2.0	9.8	1.5	10.4	82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	10	130	223	2	36	14	31	23	45	98	64	52	
		15	1013.2	-	12.0	2.5	10.5	72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	10	161	194	0	30	15	57	31	46	91	59	36	
		21	1013.7	-	9.5	1.3	10.6	84	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	9	119	234	3	25	20	40	28	56	105	54	34	
STANSTED	102	3	1013.0	-	6.6	0.6	9.5	91	5.4	41	52	43	86	133	10	0	10	4	14	18	49	120	71	68	11	0	0	73	274	18	37	24	27	26	38	97	69	29	
		9	1013.5	-2.0	8.7	1.4	9.9	83	6.1	9	34	51	170	94	7	0	7	6	8	16	28	94	73	110	23	0	2	109	246	8	44	15	31	22	37	85	77	46	
		15	1012.8	-	11.5	2.8	9.7	70	6.1	2	33	57	188	81	4	0	3	0	2	8	19	55	86	140	52	0	5	159	196	5	42	13	28	32	29	83	93	40	
		21	1013.4	-	8.4	1.2	9.8	84	5.5	18	60	61	120	103	3	0	1	3	4	4	33	106	90	103	21	0	0	84	261	20	29	17	37	36	37	93	63	33	
4 MIDLAND COUNTIES																																							
WEST YORKSHIRE																																							
HUDDESFIELD	235	3	1011.9	-	5.5	0.8	8.3	88	6.3	13	11	80	89	170	2	0	5	7	11	4	40	80	145	73	0	6	8	95	234	22	33	22	9	21	46	78	101	33	
		9	1012.4	-	7.5	1.1	9.4	86	6.1	17	32	51	114	145	6	1	7	5	12	19	23	86	138	74	0	1	13	97	196	58	27	17	12	10	46	57	121	17	
		15	1011.9	-	9.7	2.0	9.7	77	6.4	4	16	62	146	137	0	0	3	3	7	12	19	42	94	185	0	3	10	131	206	15	38	14	14	18	48	63	107	48	
		21	1012.3	-	7.0	0.9	9.2	88	5.8	29	20	66	109	135	6	1	4	2	11	4	19	63	100	160	1	2	11	95	195	62	25	17	12	15	48	45	99	42	
WILSON	267	3	1011.9	-	5.4	0.6	8.6	91	5.4	23	55	68	124	23	1	11	7	5	7	22	134	167	11	0	0	7	102	220	36	13	14	30	19	35	58	138	22		
		9	1012.2	-	6.7	1.0	8.9	86	5.9	8	39	76	103	119	20	0	8	6	14	24	36	88	132	57	0	0	13	140	197	15	26	19	33	30	26	67	113	36	
		15	1012.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		21	1012.3	-	6.4	0.9	8.9	87	5.3	17	68	75	67	126	12	0	5	5	7	13	14	109	195	17	0	1	5	115	220	24	16	15	36	26	38	60	124	26	
SOUTH YORKSHIRE																																							
FINNINGLEY	15	3	1012.0	-	6.3	0.6	9.2	91	5.2	25	74	53	90	114	9	0	7	5	13	10	44	93	86	84	23	0	1	82	262	20	28	15	16	31	75	55	93	32	
		9	1012.5	-2.0	8.7	1.5	9.7	82	5.9	6	50	49	170	84	6	0	3	1	4	16	38	66	108	94	35	0	6	131	223	5	45	17	20	29	57	70	81	41	
		15	1011.9	-	11.4	2.7	9.9	71	5.9	2	42	72	157	89	3	0	0	1	3	5	22	46	101	132	55	0	9	160	195	1	46	21	27	25	43	66	109	27	
		21	1012.4	-	7.9	1.1	9.7	86	5.3	23	64	61	108	106	3	0	3	3	7	17	28	85	113	93	16	0	2	87	263	13	28	15	32	38	66	58	86	29	
NOTTINGHAMSHIRE																																							
WATNALL	119	3	1012.5	-	6.3	0.6	9.2	91	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	2	67	280	16	30	23	22	14	25	122	83	30	
		9	1013.0	-1.7	8.2	1.2	9.7	84	6.1	5	41	51	141	118	9	0	7	6	8	24	52	99	82	82	5	0	5	93	262	5	35	29	27	6	44	109	82	28	
		15	1012.3	-	10.9	2.4	10.0	74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	5	125	233	2	35	27	28	16	42	90	96	29	
		21	1012.9	-	7.9	1.0	9.7	86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	2	75	272	16	28	33	26	15	46	88	82	31	
SALOP																																							
SHRUBBURY	76	3	1012.5	-	6.3	0.6	9.2	91	5.4	26	47	67	106	111	8	0	5	5	6	25	23	45	72	178	6	0	4	63	276	22	17	12	45	18	48	79	95	29	
		9	1013.0	-1.9	8.2	1.1	9.9	85	6.0	4	29	78	152	97	5	0	4	2	7	21	24	77	61	136	33	0	6	100	251	8	36	13	38	31	56	75	79	29	
		15	1012.3	-	11.1	2.3	10.3	74	6.2	0	22	70	188	82	3	0	2	0	4	10	18	55	70	136	70	0	7	150	206	2	46	15	36	26	53	60	94	33	
		21	1012.9	-	7.8	1.0	9.7	87	5.6	8	54	78	120	100	5	0	1	3	4	6	8	29	65	70	162	18	0	5	82	267	11	30	17	35	21	49	73	79	30
WEST MIDLANDS																																							
EDGBASTON	165	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
ELMDON	100	3	1013.0	-	6.3	0.8	9.0	88	5.4	27	60	46	113	111	8	0	6	5	13	16	23	72	118	100	12	0	3	82	234	46	16	20	21	38	65	69	54	36	
		9	1013.4	-1.7	8.5	1.5	9.4	81	6.0	3	51	52	155	93	11	0	2	6	8	15	25	81	145	79	4	0	5	133	216	11	22	26	28	35	55	75	60	53	
		15	1012.7	-	11.3	2.8	9.4	69	6.1	1	34	61	176	86	7	0	3	1	4	7	11	54	156	98	31	0	7	169	187	2	27	25	32	24	65	65	72	53	
		21	1013.3	-	8.1	1.4	9.4	82	5.3	11	80	54	115	98	7	1	3	2	4	6	23	85	145	88	8	0	5	104	236	20	28	19	31	31	58	75	53	50	
GLOUCESTER																																							
INNSWORTH	24	3	1013.0	-	7.3	0.8	9.5	88	5.5	32	52	42	119	114	6	0	8	1	10	8	30	93	110	84	21	0	2	61	246	56	34	15	17	19	113	72	76	13	
		9	1013.6	-	9.1	1.5	9.9	81	5.9	5	53	52	154	95	6	0	4	1	8	8	34	98	86	78	48	0	4	82	265	14	53	17	11	18	96	84	46	26	
		15	1012.8	-	12.0	3.0	9.8	68	6.3	2	23	65	190	83	2	0	1	2	1	5	23	67	87	99	80	0	2	140	220	3	35	32	17	18	75	86	66	33	
		21	1013.3	-	9.1	1.5	9.9	82	5.5	16	54	58	139	96	2	0	1	3	3	9	22	87	110	89	41	0	0	70	266	29	31	19	25	14	103	89	38	17	
OXFORDSHIRE																																							
BENSON	74	3	1013.2	-	7.1	0.7	9.5	89	5.4	32	59	46	89	131	8	0	4	2	6	12	27	110	93	106	5	0	5	72	195	93	29	23	27	17	86	36	36	18	
		9	1013.8	-	8.8	1.4	9.9	83	6.1	10	30	57	147	114	7	0	5	1																					



Table 4 (continued)

DISTRICT, REGION/COUNTY AND PLACE	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 - 39 M	40 - 190 M	200 - 390 M	400 - 990 M	1000 - 1900 M	2000 - 3900 M	4 - 9 KM	10 - 19 KM	20 - 39 KM	40 KM AND OVER	BEAUFORT FORCE					N	NE	E	SE	S	SW	W	NW																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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DUNGENESS	7	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Table 4 (continued)

DISTRICT. REGION/COUNTY AND PLACE	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 - 39 M	40 - 190 M	200 - 390 M	400 - 990 M	1000 - 1900 M	2000 - 3900 M	4 - 9 KM	10 - 19 KM	20 - 39 KM	40 KM AND OVER	BEAUFORT FORCE					N	NE	E	SE	S	SW	W	NW	
									MEAN	0	1 - 2	3 - 5	6 - 7	8											SKY OBSERVED	SPEED (KT)												
																										34 OR MORE	22-33	11-21	1-10									0
NUMBER OF OBSERVATIONS																																						
BA WALES S -CONTO. SOUTH GLAMORGAN																																						
RHOOSE	69	3	1013.2	-	7.3	0.6	9.9	91	5.4	25	63	56	83	127	11	0	1	7	5	4	20	66	104	137	21	1	15	99	241	9	32	47	51	29	36	105	47	
		9	1013.7	-1.9	9.0	1.2	10.3	85																	1	14	137	212	2	19	35	60	25	30	43	108	43	
		15	1013.1		11.2	2.0	10.5	76																	0	12	188	165	0	15	26	41	34	31	40	154	24	
		21	1013.6		8.4	0.9	10.1	87																	0	12	114	232	7	18	41	38	16	21	38	143	43	
BB ENGLAND SW AVON																																						
FILTON	61	3																																				
		9																																				
		15																																				
		21	1013.7		8.9	1.1	10.3	85																														
SOMERSET																																						
EXTON	-	9			7.5	0.8	9.8	89	6.1	3	35	74	107	111	35	0	19	9	6	11	28	119	48	97	26	0	5	72	272	16	58	24	34	13	71	31	88	30
		15																																				
		21			6.7	0.5	9.6	93	5.6	21	66	38	80	124	36	0	23	3	10	8	12	67	67	111	64	0	2	69	273	21	70	8	34	5	76	25	90	36
YEOVILTON	23	3	1013.5		7.1	0.6	9.7	91	5.2	37	55	67	64	134	8	0	8	5	7	20	39	116	130	40	0	0	18	122	163	62	28	16	31	16	47	50	76	39
		9	1014.0		9.2	1.3	10.2	83	5.9	9	41	57	149	104	5	0	6	0	8	28	34	89	129	71	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		15	1013.3		12.2	2.6	10.4	71	6.1	4	23	75	160	102	1	0	1	0	1	8	21	65	125	142	2	0	0	0	0	0	0	0	0	0	0	0	0	0
		21	1013.9		8.9	1.1	10.3	85	5.1	26	59	90	72	117	1	0	0	1	1	9	36	91	122	104	1	0	0	0	0	0	0	0	0	0	0	0	0	0
DORSET																																						
HURN	11	3	1013.7		6.9	0.5	9.8	93	5.1	56	47	54	74	132	2	0	2	8	11	18	30	76	98	121	1	2	6	70	220	67	39	28	16	12	43	55	65	40
		9	1014.3		9.3	1.3	10.4	84	5.5	12	56	72	125	98	2	0	1	2	7	35	78	84	130	21	0	5	100	240	20	48	37	17	18	41	72	64	48	
		15	1013.7		12.1	2.5	10.6	73	5.9	5	39	78	148	95	0	0	0	0	7	2	35	78	84	130	21	0	5	100	240	20	48	37	17	18	41	72	64	48
		21	1014.2		8.9	0.9	10.5	88	4.9	38	68	60	96	103	0	0	0	1	2	7	28	94	68	159	6	0	7	74	251	33	21	27	25	23	36	88	74	38
PORTLAND BILL.C.G.	54	3	1013.6		9.3	0.7	11.1	91	5.0	54	60	47	46	149	9	2	4	4	3	5	23	75	167	82	0	13	52	168	120	12	34	30	38	16	29	43	102	61
		9	1014.3		9.9	0.9	11.2	88	5.8	15	45	74	104	116	11	4	7	1	6	14	25	92	132	83	1	9	70	151	128	7	31	26	47	20	33	50	101	50
		15	1013.8		11.2	1.4	11.6	83	5.8	6	51	65	125	113	5	0	3	1	8	23	29	88	121	86	6	9	65	166	118	7	18	16	38	25	43	91	93	34
		21																																				
DEVON																																						
EXETER	38	3	1013.8		7.6	0.6	10.0	91	5.5	39	47	48	97	124	10	1	7	4	7	12	8	66	102	122	36	2	9	71	251	32	40	43	23	37	62	24	67	37
		9	1014.3	-1.5	9.4	1.2	10.5	84	6.0	4	46	50	173	89	3	0	4	5	2	6	13	61	95	83	96	0	14	118	216	17	40	33	16	38	61	34	69	57
		15	1013.7		12.3	2.3	11.0	74	6.1	3	33	61	177	91	0	0	1	0	0	0	14	49	88	89	124	0	27	194	139	5	22	19	14	62	80	26	87	50
		21	1014.2		9.0	0.9	10.6	87	5.2	27	72	59	89	116	2	0	0	2	2	13	75	93	104	74	0	13	86	241	25	20	26	26	42	73	27	83	43	
HARTLAND POINT	96	3																																				
		9																																				
		15																																				
		21																																				
MOUNT BATTEN	28	3	1013.9		8.6	0.8	10.5	89	5.6	30	42	59	103	125	6	0	1	1	7	2	23	100	112	112	7	2	23	100	218	22	35	32	67	12	28	42	88	39
		9	1014.4	-1.5	10.1	1.3	10.8	83	6.0	3	47	53	162	99	1	0	1	0	3	4	27	81	98	97	54	2	22	130	203	8	44	16	56	14	45	76	69	37
		15	1013.9		11.9	2.0	11.1	77	6.1	4	37	58	167	98	1	0	1	0	1	5	23	60	82	101	92	2	28	192	142	1	34	10	32	23	54	103	63	45
		21	1014.4		9.8	1.1	10.8	85	5.4	14	60	75	101	113	2	0	1	1	2	0	24	88	115	113	21	0	20	129	207	9	37	17	60	13	35	54	93	47
PRAWLE POINT	-	3																																				
		9																																				
		15																																				
		21																																				
CORNWALL																																						
CAMBORNE	88	3	1013.9		8.6	0.8	10.4	89	5.5	21	48	80	79	131	6	0	4	4	13	14	32	51	92	142	13	2	24	128	193	18	36	19	30	33	69	55	6	49
		9	1014.3		9.9	1.2	10.7	84	6.2	2	25	73	146	116	3	0	4	2	12	11	23	67	100	123	23	1	30	159	163	12	42	19	26	35	62	49	65	55
		15	1013.9		11.2	1.8	10.9	79	6.2	1	26	82	136	119	1	0	1	0	7	16	17	57	85	127	55	1	36	201	124	3	59	8	19	31	49	60	62	74
		21	1014.3		9.2	0.9	10.6	88	5.6	14	49	72	109	117	4	0	2	4	12	10	27	62	90	143	15	1	26	125	198	15	37	18	24	26	66	47	75	57
CULDORE	84	3	1014.0		8.7	0.6	10.7	91	5.4	25	51	78	64	126	21	1	10	6	10	10	21	68	114	112	3	1	14	115	225	10	47	29	42	12	27	46	100	52
		9	1014.4		10.0		11.1		5.9	3	24	105	120	104	9	0	5	6	13	38	83	82	125	5	1	19	145	186	14	48	28	45	21	28	51	91	39	
		15	1014.0		11.4		11.4		6.1	0	30	84	134	111	6	0	3	2	10	17	27	72	81	143	10	0	16	206	121	1	48	17	24	27	63	105	77	
		21	1014.5		9.3	0.7	11.0	90	5.2	11	72	92	74	107	9	0	5	5	13	13	21	72	93	142	1	1	14	118	220	12	38	31	36	17	22	50	103	56
GWENNAP HEAD	70	3																																				
		9																																				
		15																																				



Table 5 — number of days with maximum and minum temperatures between given limits in 1979

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).	5	98	133	125	4	0	0	0	0	0	1	55	137	158	14	0	Elmdon	12	53	73	81	97	46	3	0	0	2	12	67	100	116	63	5
Lerwick (Screen).	5	97	130	127	6	0	0	0	0	0	1	54	140	155	15	0	Kew (Psychrometer).	5	44	71	84	92	59	10	0	0	8	52	99	116	78	12	
Stornoway	0	66	117	150	31	1	0	0	0	0	4	54	122	138	47	0	Kew (North-Wall Screen)	4	47	72	77	89	65	10	1	0	4	33	104	102	108	14	
Craibstone	5	81	83	109	76	11	0	0	0	2	8	70	124	125	36	0	Southampton.	3	31	78	98	94	56	5	0	0	7	42	99	112	96	9	
Abbotsinch	6	60	89	100	95	15	0	0	1	3	21	67	95	103	75	0	Hastings	5	41	87	83	129	20	0	0	0	5	39	99	92	121	9	
Rothsay	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Ringway	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Eskdalemuir (Psychrometer)	22	82	84	107	62	8	0	0	1	5	23	93	98	110	35	0	Douglas	1	53	108	122	78	3	0	0	0	0	1	28	118	134	84	0
Eskdalemuir (Screen)	21	80	78	106	70	10	0	0	1	6	20	90	97	111	40	0	Valley.	1	29	106	109	113	7	0	0	0	0	0	23	101	123	116	2
Boulmer	4	70	87	113	76	15	0	0	0	0	5	47	133	123	56	1	Rhoose	4	48	78	103	104	27	1	0	0	5	47	95	127	82	9	
Hull	4	59	70	78	95	54	5	0	0	0	7	52	107	107	84	8	St. Mawgan	2	17	102	122	109	13	0	0	0	4	23	91	116	123	8	
Gorleston	6	59	70	82	108	37	3	0	0	1	3	41	115	87	107	11	Aldergrove	3	60	95	89	100	18	0	0	0	1	9	58	107	116	70	4
Cambridge (Botanic Gardens)	9	52	65	72	92	61	14	0	0	1	11	62	106	99	79	7	Armagh	2	61	86	91	103	22	0	0	0	0	7	73	106	109	66	4

Table 6 Summary of autographic records of wind for 1979

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	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			DATE	TIME	
					NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	VEER FROM N	SPEED-KT	DATE			HOUR BEGINNING	VEER FROM N	SPEED-KT						
0 SCOTLAND N																									
SHETLAND	LERWICK	93	10	10	34	139	171	1579	4337	2233	464	8	15.0	240	54	4	DEC	20	250	76	4	DEC	2048		
	KIRKWALL AIRPORT	41	15	10	13	40	152	1185	4720	2402	413	0	14.0	260	41	4	DEC	20	260	67	4	DEC	2024		
ORKNEY	BENBECULA	16	10	10	25	102	160	1477	4375	2326	480	0	14.6	190	45	4	DEC	13	240	73	16	DEC	2314		
	STORNOWAY	12	10	10	8	29	98	636	3666	3550	878	1	11.2	190	45	4	DEC	13	190	65	4	DEC	1324		
HIGHLAND	DALCROSS	19	10	10	1	1	61	272	3326	3821	1325	15	9.7	220	34	17	DEC	02	230	60	4	DEC	1636		
	DOUNREAY	34	12	9	9	16	117	660	3790	2893	1176	225	11.5	300	37	2	FEB	23	300	60	9	MAR	1506		
	DUIRINISH	38	20	17	DEFECTIVE RECORD																				
	FORT AUGUSTUS	58	16	16	0	0	7	13	1481	3754	3495	17	5.5	240	24	12	SEP	18	210	46	16	DEC	2354		
	WICK	45	10	10	2	2	110	606	4428	3146	578	0	12.1	310	34	9	MAR	16	150	56	12	DEC	1942		
1 SCOTLAND E																									
GRAMPIAN	ABERDEEN.DYCE AIRPORT	68	10	10	2	3	42	173	3122	3754	1708	0	9.0	200	35	4	DEC	15	290	57	12	MAR	1230		
	FRASERBURGH	29	13	11	DEFECTIVE RECORD																				
	KINLOSS	18	13	13	2	2	61	296	3346	3917	1199	0	9.9	280	34	12	MAR	10	190	55	4	DEC	1442		
	LOSSIEMOUTH	17	10	10	3	4	78	375	3602	3712	1059	8	10.4	210	40	4	DEC	14	210	60	4	DEC	1454		
TAYSIDE	BELL ROCK	39	40	38	49	279	205	1781	4270	1663	606	161	15.9	220	59	17	DEC	06	220	88	17	DEC	0606		
	MYLNEFIELD	40	10	10	0	0	16	57	1478	3963	3077	185	6.6	200	28	4	DEC	16	200	54	4	DEC	1624		
	TUMMEL BRIDGE	161	16	16	0	0	4	5	1230	4152	3326	47	5.9	290	23	29	APR	17	260	49	17	DEC	0642		
FIFE	LEUCHARS	25	13	13	5	9	68	478	3182	3876	1212	3	10.2	200	37	4	DEC	16	230	65	4	DEC	1600		
	EDINBURGH																								
LOTHIAN	TURNHOUSE AIRPORT	43	13	10	1	5	52	369	3314	3642	1430	0	9.9	220	36	4	DEC	13	220	61	4	DEC	1306		
	ROYAL OBSERVATORY.																								
	BLACKFORD HILL	159	10	10	17	68	70	445	2578	2179	380	230	12.3	200	60	4	DEC	13	200	96	4	DEC	1454		
	FORTH ROAD BRIDGE	72			DEFECTIVE RECORD																				
6 SCOTLAND W																									
STRATHCLYDE	ABBOTSINCH AIRPORT	16	10	10	2	4	52	296	2740	3945	1775	0	8.9	200	36	4	DEC	16	250	62	17	DEC	0930		
	ARDROSSAN	24	20		14	61	138	1055	4135	2813	663	33	13.0	240	47	17	DEC	04	240	79	17	DEC	0448		
	DUNSTAFFNAGE	13	10	10	3	17	33	177	2492	3060	1134	416	9.6	240	44	17	DEC	05	230	70	17	DEC	0442		
	GREENOCK PORT	51	49		3	12	68	434	3480	3480	1247	107	10.4	250	37	17	DEC	04	250	64	17	DEC	0224		
	INCHTERF	55	15	12	DEFECTIVE RECORD																				
	LOWTHER HILL	754	27		3	25	7	77	131	102	84	325	13.9	110	46	19	JAN	08	130	57	19	JAN	1224		
	MACHRIHANISH	22	12	12	24	119	159	1328	4080	2537	696	0	13.9	260	52	17	DEC	07	260	82	17	DEC	0742		
	PAISLEY	57	25	9	0	0	16	53	1754	4046	2772	135	6.5	230	31	4	DEC	11	320	52	9	MAR	1524		
	PRESTWICK AIRPORT	21	10	10	4	25	72	411	3587	3490	1247	0	10.5	240	40	17	DEC	02	250	67	17	DEC	0130		
	TREE	24	16	12	28	135	172	1562	4397	2357	309	0	15.0	240	54	17	DEC	01	240	82	17	DEC	0112		
DUMFRIES AND GALLOWAY	CHAPELCROSS	64	15	15	0	0	38	270	2130	4316	1708	336	8.3	180	32	4	DEC	16	230	58	17	DEC	0454		
	ESKDALEMUIR	259	10	10	6	20	73	501	2643	3546	2050	0	9.2	300	41	17	DEC	18	270	69	17	DEC	1400		
	WEST FREUGH	25	10	10	1	5	63	378	3641	3551	1089	96	10.5	250	35	17	DEC	06	260	57	17	DEC	0730		
2 ENGLAND E & NE																									
NORTHUMBERLAND	BLYTH	19	10	10	13	93	90	556	3323	3927	693	168	11.2	260	52	17	DEC	11	270	82	17	DEC	1124		
	BOULMER	33	10	10	5	17	54	395	3001	4269	1078	0	9.8	230	42	17	DEC	10	230	71	17	DEC	1036		
TYNE AND WEAR	SOUTH SHIELDS	22	17	13	3	17	59	400	2884	3712	1728	19	9.2	010	44	29	MAR	00	270	54	17	DEC	1624		
	CLEVELAND	28	20	20	30	252	170	1321	4287	2318	566	16	14.6	230	50	17	DEC	09	230	68	17	DEC	1136		
DURHAM	DURHAM	119	16	10	0	0	20	100	1270	2018	1220	480	7.7	240	32	12	MAR	11	360	59	28	MAR	2054		
	LEEMING	42	10	10	2	13	43	248	2857	4289	1353	0	9.3	250	42	17	DEC	13	250	67	17	DEC	1306		
NORTH YORKSHIRE	LINTON-ON-OUSE	23	9	10	1	9	26	98	2517	4323	1722	91	8.3	240	40	17	DEC	11	240	64	17	DEC	1118		
	SILPHO MOOR	207	15	9	0	0	5	18	1077	4157	3345	163	5.6	230	24	17	DEC	13	230	65	17	DEC	1330		
	SPURN POINT				3	17	93	621	4541	3165	354	62	12.4	150	38	10	JAN	05	240	59	17	DEC	1724		
HUMBERSIDE	BINBROOK	118	10	10	2	4	57	405	3666	4028	655	2	10.7	260	36	17	DEC	17	280	56	17	DEC	2030		
	CONINGSBY	16	10	10	1	2	28	137	2653	4499	1468	1	8.6	250	34	17	DEC	18	250	52	17	DEC	1824		
	CRANWELL	68	13	13	2	11	69	424	3963	3735	601	26	11.1	250	39	17	DEC	15	250	56	17	DEC	1530		
	SCAMPTON	68	10	10	0	0	37	212	2990	4430	914	214	9.5	250	32	17	DEC	14	250	51	17	DEC	1454		
	WADDINGTON	80	10	10	1	1	31	187	2911	4767	893	1	9.3	250	35	17	DEC	15	250	59	17	DEC	1506		
3 EAST ANGLIA																									
NORFOLK	COLTISHALL	27	10	10	0	0	36	229	2982	4101	1448	0	9.1	250	33	17	DEC	18	250	53	17	DEC	1824		
	GORLESTON	16	13	13	6	55	80	612	3437	4006	475	175	11.4	160	48	27	DEC	10	160	61	27	DEC	0942		
	HEMSBY	26	13	13	0	0	46	339	3122	4163	1040	96	9.9	330	32	11	JAN	14	300	57	11	JAN	1430		
	MARHAM	29	10	10	0	0	37	235	3322	3736	1450	17	9.6	310	32	11	JAN	13	230	56	12	APR	1530		
CAMBRIDGESHIRE	WITTERING	87	10	10	1	1	33	198	3627	4090	844	0	10.0	260	35	17	DEC	20	260	52	17	DEC	2006		
	WYTON	45	10	10	0	0	33	144	3037	4561	1018	0	9.2	220	29	14	AUG	11	220	47	14	AUG	1212		
SUFFOLK	HONINGTON	60	13	13	0	0	33	176	3308	4308	968	0	9.6	280	32	14	DEC	07	170	50	27	DEC	0854		
	WATTISHAM	105	17	10	0	0	33	189	3930	4281	312	48	10.7	300	31	11	JAN	13	300	47	11	JAN	1321		







Table 7 Number of hours with gusts exceeding 33 knots and 47 knots in each month of 1979

DISTRICT COUNTY AND PLACE		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
0 SCOTLAND N																											
SHEPHERD	LERWICK	106	134	247	50	69	16	8	33	165	250	170	286	1534	12	2	35	2	3	0	0	0	13	21	48	81	217
ORKNEY	KIRKWALL AIRPORT	105	91	203	55	14	44	29	12	103	154	102	164	1076	11	3	28	11	0	1	0	0	7	6	13	21	101
WESTERN ISLES	BENBECULA	148	153	281	65	89	50	39	21	155	154	193	235	1583	12	24	87	5	5	0	0	3	7	25	39	63	270
	STORNOWAY	63	22	157	24	33	8	5	5	81	23	69	136	626	1	0	11	0	1	0	0	0	4	0	11	16	44
HIGHLAND	DALCROSS	31	9	134	12	8	9	6	5	50	7	55	62	388	0	0	4	0	0	0	0	0	3	0	0	7	14
	DOUNREAY	56	52	73	29	14	22	7	9	57	77	58	51	505	1	1	5	0	0	0	0	0	6	1	2	8	24
	DUIRINISH	-	79	232	40	-	21	15	-	-	-	-	-	-	-	5	67	1	-	1	0	-	-	-	-	-	-
	FORT AUGUSTUS	2	1	9	0	0	4	0	0	7	0	2	19	44	0	0	0	0	0	0	0	0	0	0	0	0	0
	WICK	75	45	130	33	6	39	6	5	53	104	39	74	609	0	0	5	2	0	0	0	0	2	1	1	10	21
1 SCOTLAND E																											
GRAMPIAN	ABERDEEN DYCE AIRPORT	24	7	76	23	8	5	0	0	33	15	22	51	264	0	0	5	0	0	0	0	0	2	0	1	4	12
	FRASERBURGH	86	70	153	40	30	41	-	13	76	56	80	116	-	3	1	19	14	0	0	-	2	11	0	2	8	-
	KINLOSS	18	12	126	29	14	4	9	6	58	14	29	54	373	3	0	8	0	0	0	0	0	3	0	0	7	21
TAYSIDE	LOSSIEMOUTH	33	15	166	25	13	3	12	8	63	43	29	54	464	1	0	6	2	0	0	0	0	6	1	0	6	22
	BELL ROCK	130	108	287	17	16	-	5	2	136	105	138	131	-	18	3	45	1	0	-	0	0	11	3	7	38	-
	MYLNEFIELD	20	6	-	3	0	0	0	0	0	21	2	10	46	-	0	0	-	0	0	0	0	0	0	0	0	6
	TUMMEL BRIDGE	7	3	45	7	0	2	5	0	20	1	11	37	138	0	0	0	0	0	0	0	0	0	0	0	1	1
FIFE	LEUCHARS	40	81	165	18	3	6	5	0	58	12	51	61	500	3	0	13	0	0	0	0	0	0	0	0	14	30
LOTHIAN	EDINBURGH																										
	TURNHOUSE AIRPORT	25	90	207	14	7	21	1	1	59	2	73	59	559	0	0	18	0	0	0	0	0	0	0	3	18	39
	ROYAL OBSERVATORY	-	-	-	-	30	57	18	37	155	62	-	164	-	-	-	-	-	0	0	0	0	26	8	-	77	-
	BLACKFORD HILL	-	-	-	-	30	57	18	37	155	62	-	164	-	-	-	-	-	0	0	0	0	26	8	-	77	-
	FORTH ROAD BRIDGE	56	130	200	163	-	78	34	24	159	31	205	-	-	2	24	32	12	-	1	0	0	17	1	31	-	-
6 SCOTLAND W																											
STRATHCLYDE	ABBOTSINCH AIRPORT	16	52	103	13	2	9	6	0	29	3	48	55	336	0	0	0	1	0	0	0	0	0	0	1	13	15
	ARDROSSAN	55	116	187	61	15	55	19	13	102	25	171	145	964	1	11	26	5	0	1	0	0	16	0	15	38	113
	DUNSTAFFNAGE	35	-	-	-	-	6	0	0	24	24	65	-	-	0	-	-	-	0	0	0	0	1	4	3	-	-
	GREENOCK PORT	16	33	185	28	5	15	0	6	32	13	67	76	476	0	0	24	1	0	0	0	0	1	0	5	26	57
	INCHTERF	29	-	147	21	0	20	-	-	-	-	-	-	-	0	-	2	0	0	0	-	-	-	-	-	-	-
	LOWTHER HILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	MACHRIHANISH	128	188	246	63	39	27	2	8	86	110	197	172	1266	10	42	43	4	0	0	0	0	10	6	39	48	202
	PAISLEY	10	54	137	13	4	13	8	0	46	8	54	56	403	0	0	6	1	0	1	0	0	0	0	0	5	13
	PRESTWICK AIRPORT	54	75	186	31	10	28	2	1	51	16	109	100	663	0	2	12	0	0	0	0	0	1	0	4	33	52
	TIREE	153	123	253	24	37	31	0	11	80	110	160	201	1183	8	0	39	1	0	0	0	0	5	3	18	61	135
DUMFRIES AND GALLOWAY	CHAPELCROSS	-	66	118	4	1	-	0	0	-	10	62	63	-	-	0	0	0	0	-	0	0	0	1	16	-	-
	ESKDALEMUIR	51	107	236	48	14	19	10	16	86	24	150	109	870	0	2	43	5	0	2	0	0	13	0	10	34	109
	WEST FREUGH	17	43	82	17	1	14	0	0	22	36	59	86	377	0	0	3	0	0	0	0	0	0	0	0	14	17
2 ENGLAND E & NE																											
NORTHUMBERLAND	BLYTH	73	118	225	14	1	14	15	-	77	6	84	100	-	15	20	38	0	0	0	0	-	10	0	9	24	-
	BOULMER	59	95	146	10	0	6	1	0	38	7	33	67	462	5	0	10	1	0	0	0	0	1	0	3	13	33
TYNE AND WEAR	SOUTH SHIELDS	28	42	59	1	0	0	1	1	19	0	17	30	198	0	0	8	0	0	0	0	0	0	0	0	8	16
CLEVELAND	SOUTH GARE	129	159	245	33	17	23	19	18	119	29	122	181	1094	37	44	60	3	0	1	0	4	10	0	11	33	203
DURHAM	DURHAM	36	-	124	12	-	-	9	-	-	-	-	-	-	0	-	21	1	-	-	0	-	-	-	-	-	-
NORTH YORKSHIRE	LEEMING	23	24	96	3	0	2	0	7	35	0	33	80	303	0	0	8	0	0	0	0	0	2	0	7	19	36
	LINTON-ON-OUSE	11	17	54	5	0	1	0	5	16	1	18	39	167	0	0	6	0	0	0	0	0	2	0	1	17	26
	SILPHO MOOR	8	16	-	5	6	6	1	14	29	6	49	125	-	0	1	-	0	0	0	0	0	2	0	1	15	-
HUMBERSIDE	SPURN POINT	82	74	126	16	19	9	3	18	14	34	45	108	548	5	1	4	0	1	0	0	1	1	0	0	19	32
LINCOLNSHIRE	BINBROOK	31	53	80	8	14	1	1	11	20	0	30	78	327	3	0	0	0	0	0	0	3	0	0	0	16	22
	CONINGSBY	16	31	36	4	11	0	0	11	4	0	8	49	170	0	0	1	0	0	0	0	2	0	0	0	4	7
	CRANWELL	21	36	87	11	17	5	0	12	19	2	27	82	319	0	0	1	0	1	0	0	3	0	0	0	11	16
	SCAMPTON	9	40	44	5	9	0	0	-	7	-	16	-	-	0	0	0	0	0	0	0	-	0	-	0	-	-
	WADDINGTON	12	29	49	7	11	0	1	12	7	1	12	57	198	0	1	0	0	0	0	0	1	0	0	0		



Table 7 (continued)

DISTRICT COUNTY AND PLACE		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
4 MIDLAND COUNTIES CONTINUED																											
OXFORDSHIRE	EDGBASTON	9	8	51	1	4	1	0	-	-	-	-	-	0	0	0	0	0	0	0	-	-	-	-	-	-	
	ELMDON AIRPORT	9	13	66	11	12	3	0	10	7	0	9	64	204	0	0	0	1	0	0	0	4	0	0	0	3	8
	BENSON	22	23	59	5	11	0	0	15	0	0	8	64	207	0	0	1	0	0	0	0	0	0	0	0	7	8
	BRIZE NORTON	12	21	61	6	16	0	0	13	0	0	17	56	202	0	0	1	0	1	0	0	1	0	0	0	0	3
	OXFORD	10	21	92	5	23	1	0	17	4	0	21	97	291	1	0	3	0	0	0	0	6	0	0	0	0	10
5 ENGLAND SE & CENTRAL S																											
GREATER LONDON	HEATHROW AIRPORT	11	9	22	2	9	0	0	9	0	0	2	35	99	0	0	0	0	0	0	0	0	0	0	0	0	0
	KEW	48	29	51	8	22	2	0	17	0	3	12	79	271	1	0	3	0	0	0	0	0	0	0	0	2	6
	LONDON WEATHER CENTRE	32	27	69	8	24	5	0	15	3	3	22	103	311	1	0	2	0	0	0	0	2	0	0	0	5	10
WILTSHIRE	POST OFFICE TOWER	51	37	155	52	-	-	-	-	0	2	23	65	-	2	0	5	0	-	-	-	0	0	0	0	-	-
	BOSCOMBE DOWN	32	17	93	10	15	0	0	18	0	1	33	88	307	2	0	2	0	1	0	0	0	0	1	7	13	
	LARKHILL	21	13	46	2	14	0	0	10	0	0	19	88	213	0	0	0	0	0	0	0	0	0	0	0	9	9
KENT	LYNEHAM	36	29	65	5	10	0	1	16	0	0	10	62	234	0	0	2	0	0	0	0	0	0	0	0	3	5
	PORTON	15	13	67	7	11	0	0	17	0	0	19	85	234	3	0	0	0	1	0	0	0	0	0	0	13	17
	DOVER	128	68	175	-	-	-	24	72	46	65	104	240	-	31	14	33	-	-	-	0	11	0	0	12	53	-
HAMPSHIRE	DUNGENESS	80	47	73	2	13	4	1	20	7	30	58	-	13	0	3	0	0	0	0	0	0	0	2	-	-	
	EAST MALLING	21	-	-	-	19	1	0	9	1	0	8	72	-	0	-	-	-	0	0	0	0	0	0	0	1	-
	ISLE OF GRAIN	-	21	51	1	22	1	-	-	0	1	9	78	-	-	0	0	0	0	-	-	0	0	0	0	0	-
WEST SUSSEX	MANSTON	50	51	104	8	42	2	1	17	1	8	21	113	418	5	1	10	0	2	0	0	0	0	0	0	8	26
	CALSHOT	41	5	60	2	24	0	1	27	0	1	15	65	241	4	0	0	0	0	0	0	0	0	0	1	14	19
	FARNBOROUGH	6	3	33	3	12	0	1	12	0	0	4	44	118	0	0	0	0	0	0	0	0	0	0	0	2	2
	MIDDLE WALLOP	9	2	35	1	3	0	0	5	0	0	5	51	111	0	0	0	0	0	0	0	0	0	0	0	5	5
	GATWICK AIRPORT	23	12	55	3	19	0	0	17	0	1	8	71	209	2	0	2	0	0	0	0	0	0	0	1	9	14
7A ENGLAND NW & I O M																											
CUMBRIA	CARLISLE	13	65	151	7	0	4	0	0	43	7	71	72	433	0	0	4	0	0	0	0	0	0	6	20	30	
	ESKMEALS	52	73	107	32	5	-	1	5	32	49	93	115	-	13	31	5	7	0	-	0	0	7	4	6	34	-
	GREAT DUN FELL	-	194	293	66	36	47	36	27	113	78	290	253	-	-	118	74	6	0	0	0	7	1	120	127	-	
LANCASHIRE	MOOR HOUSE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	SELLAFIELD	9	12	14	1	-	1	0	0	9	1	1	47	-	0	0	0	0	-	0	0	0	0	0	0	9	-
	AUGHTON	17	50	111	32	6	14	0	3	15	2	40	75	365	0	0	0	1	0	0	0	0	0	0	0	23	24
MERSEYSIDE	FLEETWOOD	-	37	84	30	2	-	1	5	42	4	45	83	-	-	0	8	1	0	-	0	0	6	0	1	28	-
	SQUIRES GATE AIRPORT	15	28	46	10	0	6	0	7	35	1	53	78	279	0	0	0	0	0	0	0	2	0	0	19	21	
	RIOBURTH	12	20	88	20	0	11	1	5	19	2	35	65	278	0	0	1	0	0	0	0	0	0	0	19	20	
GREATER MANCHESTER	MANCHESTER																										
	RINGWAY AIRPORT	19	58	59	5	1	2	0	6	5	0	13	45	213	0	0	0	0	0	0	1	0	0	0	6	7	
ISLE OF MAN	WEATHER CENTRE	25	62	77	16	0	7	2	7	14	1	27	66	304	0	4	0	0	0	0	1	0	0	0	14	19	
	POINT OF AYRE	42	80	183	49	1	12	0	0	47	66	120	131	731	0	0	2	1	0	0	0	1	4	7	29	44	
	RONALDSWAY	54	30	121	42	1	19	2	25	54	76	92	169	685	0	0	3	0	0	0	0	4	1	4	27	39	
7B WALES N																											
GHYNEDD	VALLEY	89	108	167	36	17	9	4	25	55	60	199	257	1026	9	2	36	0	0	0	5	0	0	37	65	154	
8A WALES SOUTH																											
DYFED	ABERPORTH	45	29	158	36	27	1	0	28	19	19	149	184	695	1	0	24	0	0	0	0	0	0	1	26	52	
	BRANDY	40	39	105	22	9	0	0	24	1	32	68	172	512	2	0	19	0	0	0	4	0	0	1	9	35	
	MILFORD HAVEN	73	80	108	24	12	0	0	32	13	60	105	217	724	4	6	3	0	0	0	9	0	0	1	23	46	
MID GLAMORGAN	CILFYNYDD	25	27	115	7	16	1	4	21	6	5	83	116	426	0	0	14	0	0	0	5	0	0	7	4	30	
SOUTH GLAMORGAN	RHOOSE AIRPORT	57	25	59	7	4	1	0	24	6	3	56	114	356	0	0	0	0	0	0	2	0	0	4	11	17	
8B ENGLAND SW																											
AVON	AVONMOUTH	9	25	72	17	12	1	2	22	-	0	27	107	-	0	0	2	0	0	0	0	-	0	0	13	-	
	YEovilTON	37	37	99	38	28	14	0	35	6	15	39	144	492	0	1	7	0	0	0	5	0	0	0	30	43	
	DORSET	HURN AIRPORT	31	13	68	6	21	0	0	20	0	0	14	98	271	4	0	1	0	0	0	0	0	0	0	21	26
DEVON	PORTLAND BILL CG	-	131	190	29	50	14	1	-	34	64	202	264	-	-	5	29	0	1	0	0	-	0	0	35	101	-
	BURRINGTON	107	45	147	36	27	11	1	37	4	23	98	170	706	6	0	18	0	0	0	1	0	0	2	32	59	
	MOUNT BATTEN	142	82	112	25	37	6	1	41	1	16	81	164	708	13	0	6	0	0	0	0	0	0	1	55	75	
CORNWALL	CAMBORNE	140	103	199	37	30	3	1	27	8	56	81	200	885	21	20	17	0	1	0	0	0	0	1	49	109	
	C																										



Table 8 Dates on which gusts exceeded 47 knots during 1979

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 Place	Dates	District and Place	Dates
<b>0 SCOTLAND N</b>		<b>4 MIDLAND COUNTIES</b>	
Lerwick	Jan 6 7; Feb 3; Mar 1-6 11 16 17 23; Apr 30; May 14; Sep 13 16 19 25; Oct 19 20 25 30; Nov 3 4 17 22 23 26 29; Dec 1-6 9 10 12-15	Wilsden	Mar 3; Nov 25 26; Dec 4 15 17 18
Kirkwall Airport	Jan 7; Feb 1 2; Mar 2-4 9 17; Apr 29 30; Jun 26; Sep 13 18 20; Oct 19 30; Nov 3 4 22 26; Dec 4 5 12 13 15	Finningley	Mar 12; Aug 14; Sep 20; Dec 17
Benbecula	Jan 7 9 28; Feb 2 19 20; Mar 3-6 8 9 11 12 28; Apr 29 30; May 13 19; Aug 5 6; Sep 12 20; Oct 18 19 22-25; Nov 1-5 10 17 18; Dec 1 3 4 12 13 16 17 25	High Bradfield	Jan 2 7 10; Aug 14; Nov 3-6 17 18 23 25 26 30; Dec 1-4 9 10 15-18 26 27 (Defective Feb-May, Sept, Oct)
Stornoway	Jan 20; Mar 2-4 6 11 12; May 13; Sep 12 16 20; Nov 2-4 17; Dec 1 4 13 25	Sheffield University	Mar 11 12; Apr 29; Sep 20; Nov 26 30; Dec 4 16 17
Oalcross	Mar 2 12; Sep 12; Dec 4 16 17	Watnall	Aug 14; Dec 17
Dounreay	Jan 7; Feb 2; Mar 9; Sep 12 13 20; Oct 25; Nov 17 26; Dec 4 12	Cellarhead	Dec 15 17
Duirinish	Feb 27; Mar 1-6 8 9 11 12 17 28; Apr 29; Jun 29 (Defective Jan, May, Aug-Dec)	Keele	Aug 14; Dec 15 17 27
Wick	Mar 3 9; Apr 29 30; Sep 12 13; Oct 22; Nov 3; Dec 4 12	Shawbury	Mar 28 29; Aug 14; Dec 17
<b>1 SCOTLAND E</b>		Birmingham	
Aberdeen, Dyce Airport	Mar 12; Sep 12 13; Nov 3; Dec 4 12	Elmdon Airport	Apr 30; Aug 14; Dec 17 27
Fraserburgh	Jan 7 19; Feb 3; Mar 9 12 21 22; Apr 29 30; Aug 14 20; Sep 12 13 20; Nov 26; Dec 4 12 15 (Defective July)	Benson	Mar 9; Dec 13 17 27
Kinloss	Jan 7; Mar 6 9 11 12; Sep 12 13 20; Dec 4 12	Brize Norton	Mar 9; May 17; Aug 14
Lossiemouth	Jan 7; Mar 2 9 12; Apr 29 30; Sep 12 13 20; Oct 23; Dec 4 13	Oxford	Jan 10; Mar 26; Aug 14
Bell Rock	Jan 19 20 28; Feb 13; Mar 2-4 6 12 16 21 24 28 29; Apr 29; Sep 12 18 20; Oct 23 25; Nov 17 18 25; Dec 3 4 12 16 17 (Defective June)	<b>5 ENGLAND SE &amp; CENTRAL</b>	
Mylnfield	Dec 4 17 (Defective March)	Kew	Jan 10; Mar 25 26; Dec 9 27
Tunnel Bridge	Dec 17	London Weather Centre	Jan 10; Mar 9 26; Aug 14; Dec 9 27
Leuchars	Jan 19; Mar 2 3 5 12; Dec 4 16 17	Post Office Tower	Jan 10; Mar 26 (Defective May-Aug)
Edinburgh		Boscombe Down	Jan 10; Mar 9; May 30; Nov 6; Dec 9 11 27
Turnhouse Airport	Mar 2 3 5 6 12; Nov 3 17; Dec 4 17	Larkhill	Dec 9 11 27
Blackford Hill	Sep 12 13 16-18 20 25; Oct 18 19 30; Dec 1-4 12 13 16 17 25-27 (Missing Jan-Apr, Defective Nov)	Lyneham	Mar 9 26; Dec 11 27
Forth Road Bridge	Jan 19; Feb 13 14; Mar 2-6 11 12; Apr 29 30; Jun 14; Sep 12 13 17 18 20 25; Oct 19; Nov 1 3 4 17 18 25 26 28 30 (Defective May, Dec)	Porton	Jan 10; May 30; Dec 9 11 15 17 27
<b>6 SCOTLAND W</b>		Dover	Jan 4 5 10 11; Feb 14; Mar 6 8 9 21 26 27; Aug 14 23; Nov 11 12 25 26; Dec 9-11 14 15 17 27 28 (Defective April-June)
Abbotsinch Airport	Apr 29; Nov 30; Dec 4 17	Dungeness	Jan 4 5 10; Mar 9 26; Nov 11 (Defective Dec)
Ardrossan	Jan 5; Feb 12 13; Mar 2 4 6 9 11 12; Apr 8 29; Jun 14; Sep 12 13 20 25; Nov 2 5 6 17 18 30; Dec 4 16-18	East Malling	Dec 9
Dunstaffnage	Sep 12; Oct 22; Nov 5 10 (Defective Feb-May, Dec)	Isle of Grain	Jan 10 (Defective July, Aug)
Greenock Port	Mar 4-6 8 9 12; Apr 29; Sep 12; Nov 3 17 30; Dec 4 16 17	Manston	Jan 10 11; Feb 14; Mar 9 26; May 1 26; Dec 9 15 27
Inchterf	Mar 4 12 (Defective July-Dec)	Calshot	Jan 10; Nov 11; Dec 9 11 15 27
Machrihanish	Jan 18-20; Feb 11-14 20; Mar 4 6 9 11 12 24 28; Apr 8 29; Sep 12 20; Oct 18 25; Nov 2 3 5 6 17 18 25 30; Dec 4 12 15-18	Farnborough	Dec 9 27
Paisley	Mar 6 9 12; Apr 29; Jun 21; Dec 4 17	Middle Wallop	Dec 11 27
Prestwick Airport	Feb 13; Mar 6 9 11 12; Sep 20; Nov 5 18 26; Dec 4 12 16 17	Gatwick Airport	Jan 10; Mar 26; Nov 7; Dec 9 11 15 27
Tiree	Jan 20 28; Mar 3 4 6 8 9 11 12 28; Apr 29; Sep 12; Oct 17 22; Nov 2 17 18; Dec 1 2 4 12 13 16 17 26	<b>7A ENGLAND NW &amp; I O M</b>	
Chapelcross	Nov 26; Dec 4 17 (Defective June, Sept)	Carlisle	Mar 8 28; Nov 25 26; Dec 4 17
Eskdalemuir	Feb 11; Mar 3-6 8 9 12 16 17 21 28 29; Apr 13 29; Jun 14; Sep 12 13 16 20; Nov 17 25 26 30; Dec 1 4 17 18	Eskmeals	Jan 19 20; Feb 10 11 13; Mar 9 25; Apr 8; Sep 20; Oct 19 22; Nov 25 26; Dec 4 12 15-18 27 (Defective June)
West Freugh	Mar 9; Dec 4 16 17	Great Dun Fell	Feb 11-16 27; Mar 2 3 5 6 8 9 12 16 17 28 29; Apr 29; Sep 12 13 20; Oct 19; Nov 3 17 18 22 26-30; Dec 1-4 9 10 12 13 17 18 26 27 (Defective Jan)
<b>2 ENGLAND E &amp; NE</b>		Sellafield	Dec 17 (Defective May)
Blyth	Jan 19; Feb 14 15; Mar 2 3 9 12 16 17 28 29; Sep 12 17 18 20; Nov 17 25 26 30; Dec 2 4 16 17 (Defective Aug)	Aughton	Apr 29; Dec 15 17 27
Boulmer	Jan 19; Mar 3 12 28 29; Apr 29; Sep 20; Nov 25; Dec 4 17	Fleetwood	Mar 9 28 29; Apr 29; Sep 20; Nov 6; Dec 3 15-18 (Defective Jan, June)
South Shields	Mar 28 29; Dec 17	Squires Gate Airport	Sep 20; Dec 17
South Gare	Jan 10 11 17 19 20; Feb 12-15; Mar 2 3 8 9 12 16 17 21 28 29; Apr 29; Jun 14; Aug 14; Sep 12 20; Nov 25 26 30; Dec 3 4 13 16 17 27	Algburth	Mar 2; Dec 15 17 27
Durham	Mar 3 12 16 21 28 29; Apr 29 (Defective Feb, May, June, Aug-Dec)	Manchester	
Leeming	Mar 12 28; Sep 20; Nov 26 30; Dec 16 17	Ringway Airport	Aug 14; Dec 17 27
Linton-On-Ouse	Mar 12; Sep 20; Nov 30; Dec 17	Weather Centre	Feb 10 11; Aug 14; Dec 15 17
Silpho Moor	Feb 15; Sep 20; Nov 25; Dec 4 17 (Defective March)	Point of Ayre	Mar 9; Apr 29; Sep 20; Oct 22 25; Nov 25 26; Dec 4 17
Spurn Point	Jan 10 11; Feb 14; Mar 9 12; May 17; Aug 14; Sep 21; Dec 14 17 27	Ronaldsway	Mar 9 28 29; Sep 20; Oct 25; Nov 17 26; Dec 4 16 17
Binbrook	Jan 10 11; Aug 14; Dec 17 27	<b>7B WALES N</b>	
Coningsby	Mar 9; Aug 14; Dec 17	Valley	Jan 9 10 18 28; Feb 11; Mar 6 8 9 24 26 28 29; Aug 13 14 16; Nov 2-5 7 11 14 17 18 25 26; Dec 3 4 9-13 15-17 27
Cranwell	Mar 9; May 23; Aug 14; Dec 17 27	<b>8A WALES SOUTH</b>	
Waddington	Feb 14; Aug 14; Dec 17 27	Aberporth	Jan 10; Mar 9 24 26 28 29; Nov 6; Dec 11 15 17 26 27
<b>3 EAST ANGLIA</b>		Brawdy	Jan 9 10; Mar 26 28 29; Aug 14; Nov 4; Dec 10 11 14 15 17 27
Coltishall	Jan 10 11; Aug 14; Dec 17 27	Milford Haven	Jan 9 10; Feb 8; Mar 26 28 29; Aug 14 16; Nov 11; Dec 5 9-12 14 15 26 27
Gorleston	Jan 10; Dec 9 20 27 28	Cillynydd	Mar 8 9 26; Aug 14; Nov 6 7 26; Dec 5 11
Hemaby	Jan 2 10 11; Feb 14 15; Dec 9 17 27	Rhoose Airport	Aug 14; Nov 6 7; Dec 10 11 14 17
Marham	Jan 11; Feb 15; Mar 9; Apr 12; Aug 14; Dec 17 27	<b>8B ENGLAND SW</b>	
Wittering	Aug 14; Dec 17	Avonmouth	Mar 9 26; Dec 11 27 (Defective Sept)
Honington	Dec 17 27	Yeovilton	Feb 28; Mar 9 25; Aug 9 14; Dec 9-11 15 27
Cardington	Aug 14; Dec 17 27	Hurn Airport	Jan 10; Mar 26; Dec 9-11 14 15 27
Shoeburyness	Mar 28; Dec 27	Portland Bill CG	Feb 8; Mar 6 9 21 26 28 29; May 1; Nov 4-7 18 26; Dec 9-11 14 15 17 18 27 28 (Defective Jan, Aug)
		Burrington	Jan 4 10 18; Mar 9 25 26 28 29; Aug 14; Nov 6 7; Dec 10 11 14 15 18 26 27
		Mount Batten	Jan 3 4 9 10 18; Mar 25 26 28 29; Nov 6; Dec 9-11 14 15 18 27
		Camborne	Jan 3 4 9-11 19; Feb 8-10; Mar 25 26 28 29; May 1; Nov 6; Dec 9-11 14 15 17 18 26 27
		Culdrose	Jan 3 4 10 11; Dec 9-11 14 15 18 26 27
		Lizard	Feb 1 8-10; Mar 6-9 25 26 28 29; Apr 12; May 1; Oct 24; Nov 4-7 11 18; Dec 9-11 14 15 17-19 26-29 (Defective Jan)
		St Mawgan	Mar 28; Dec 9-11 14 15 17 18 26 27
		Scilly (St Marys)	Jan 3-5 9 10 17-19 22 28; Feb 1 8 9; Mar 6 7 9 25 26 28 29; May 1 2 17; Aug 14; Oct 24; Nov 18; Dec 9-11 14 15 17-19 26 27
		<b>CHANNEL ISLANDS</b>	
		Guernsey Airport	Jan 4 5 10 11 28; Mar 6 9 26 28 29; May 1; Nov 5 6 18; Dec 9-11 14 15 17 18 27-29
		Jersey Airport	Jan 10 11; Mar 21 29; Apr 23; May 1; Nov 5 6 18; Dec 9-11 13-15 18 28
		<b>NORTHERN IRELAND</b>	
		Coleraine University	Dec 16 17 (Missing Jan, Defective Feb, Oct)
		Aldergrove	Mar 9 11 28; Jun 14; Dec 4 17
		Ballypatrick Forest	Mar 8 9 12; Sep 12 20; Oct 22 25; Nov 2 17 18 25 30; Dec 4 13 16 17 (Defective Jan, Feb, May)
		Belfast Harbour	Mar 28 (Defective April, Dec)
		Kilkeel	Jan 19 28; Mar 28 29; Sep 20; Oct 25; Nov 18; Dec 12 17 27
		Kilrough	Jan 19 20; Feb 10 11 14; Mar 6 9; Apr 29; Sep 20; Dec 4 12 16 17 27 (Defective Oct, Nov)
		Orlock Head	Jan 19 20; Feb 10-15 27; Apr 8 29; Sep 20; Oct 25; Nov 25; Dec 17 (Defective March)
		Carrigans	Mar 28; Sep 20; Nov 17 18; Dec 4 16 17 (Defective Jan)
		Castle Archdale Forest	Nov 17; Dec 4 16 17 (Defective Jan, July, Aug)



Table 9 Occasions on which the maximum hourly mean wind was 41 knots or more (strong gale) during 1979

DISTRICT & PLACE	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 33 KT ON THE DATE IN THE SECOND COLUMN
		HOUR BEGINNING	DIRECTION	SPEED	TIME	DIRECTION	SPEED	
0 SCOTLAND N								
LERWICK	3 NOV	05	160	45	0606	150	64	0-8 21
	4 DEC	20	240	54	2048	250	76	12-23
	13 DEC	04	140	42	0448	140	66	0-7 9 10
	15 DEC	06	080	43	0824	110	63	0-10
KIRKWALL AIRPORT	4 DEC	20	260	41	2024	260	67	18-22
BENBECULA	9 MAR	14	330	42	0342	280	60	10-18
	17 NOV	23	250	41	2336	250	65	7 18-23
	4 DEC	13	190	45	1330	200	66	7 9-18
	16 DEC	20	220	43	2318	240	73	14-23
STORNOWAY	4 DEC	13	190	45	1324	190	65	6-14
QUIRINISH	12 MAR	05	250	43	-	-	55	2-6
	1 DEC	23	200	43	2354	200	57	15 16 18-23
	2 DEC	00	200	44	0024	210	57	0-2
	4 DEC	12	200	46	1218	200	70	8-16
	17 DEC	01	240	42	0018	240	63	1
1 SCOTLAND E								
FRASERBURGH	9 MAR	18	270	41	1836	260	55	17-22
	12 MAR	10	260	43	1036	260	58	10-13
	30 APR	01	300	41	0118	300	56	0-9
	13 SEP	00	250	47	0030	250	63	0-7
	20 SEP	20	270	45	1948	270	62	18-22
BELL ROCK	19 JAN	14	110	43	1806	110	54	9-23
	3 MAR	01	230	43	0100	230	53	0-10 12
	12 MAR	04	240	44	0418	240	59	1-13
	21 MAR	13	350	46	1348	360	61	11-16
	28 MAR	23	360	41	2354	360	53	18-23
	29 MAR	01	360	45	0406	360	59	0-8
	12 SEP	21	240	41	1948	240	57	16 18-23
	18 SEP	03	250	41	0312	250	51	1-4
	25 NOV	12	200	41	1212	210	54	9 12-14
	4 DEC	12	190	46	1624	200	64	10-13 16-20
	12 DEC	19	140	48	1906	140	64	15-23
	17 DEC	06	220	59	0606	220	88	0-16
BLACKFORD HILL	3 NOV	03	220	47	0348	220	71	3-7 12 14 17
	25 NOV	09	250	46	0942	250	70	9-13
	4 DEC	13	200	60	1454	200	96	8 9 11-18
	17 DEC	07	230	42	0442	240	72	2-11 15
FORTH ROAD BRIDGE	13 FEB	22	080	44	2206	080	55	0-23
	29 APR	22	230	49	2142	220	62	12-23
	12 SEP	23	250	43	2324	260	58	20-23
	13 SEP	00	260	42	0024	260	58	0 2-4
	30 NOV	17	250	44	1712	250	64	11 16-21
6 SCOTLAND W								
ARDROSSAN	17 DEC	04	240	47	0448	240	79	0-20 23
DUNSTAFFNAGE	17 DEC	05	240	44	0442	230	70	0-11 13 14
LOWTHER HILL	19 JAN	08	110	46	1224	130	57	1 4 7-19
MACHRIHANISH	13 FEB	23	080	46	2342	080	69	1-6 17-23
	14 FEB	00	080	48	0018	080	71	0 1
	12 MAR	06	270	43	0612	270	65	1-9
	2 NOV	23	170	45	2300	170	61	21-23
	18 NOV	05	260	41	0242	250	61	0-9 13
	16 DEC	23	250	44	2042	250	63	13 14 18 20-23
	17 DEC	07	260	52	0742	260	82	0-23
TIREE	4 DEC	14	200	41	1448	230	60	10-16
	12 DEC	14	140	43	1748	190	57	10-17 22 23
	16 DEC	22	240	52	2130	240	76	13-23
	17 DEC	01	240	54	0112	240	82	0-10 12-17
ESKDALEMUIR	17 DEC	18	300	41	1400	270	69	14-21
2 ENGLAND E & NE								
BLTTH	28 MAR	21	020	43	2100	010	61	14-23
	29 MAR	01	020	44	0112	020	62	0-4
	17 DEC	11	260	52	1124	270	82	5-16
BOULMER	17 DEC	10	230	42	1036	230	71	4-13
SOUTH SHIELDS	28 MAR	22	010	43	2200	010	53	15-23
	29 MAR	00	010	44	0106	010	51	0-3
SOUTH GARE	19 JAN	15	120	43	1136	120	54	0-23
	20 JAN	02	110	45	0230	110	55	0-13
	13 FEB	20	090	43	1954	090	54	0-2 9-23
	14 FEB	10	080	41	2200	070	55	0-15 18 19 21-23
	15 FEB	12	070	42	0806	070	57	0-21
	12 MAR	11	270	43	1512	280	62	4-16
	16 MAR	10	060	42	2254	070	54	2-10 12-23
	20 SEP	14	250	42	1430	250	58	7-16
	4 DEC	16	210	41	1612	210	58	15-20
	17 DEC	09	230	50	1136	230	68	3-23
LEEMING	17 DEC	13	250	42	1306	250	67	9-17
3 EAST ANGLIA								
GORLESTON	27 DEC	10	160	48	0942	160	61	6-23



Table 9 (continued)

DISTRICT & PLACE	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 33 KT ON THE DATE IN THE SECOND COLUMN
		HOUR BEGINNING	DIRECTION	SPEED	TIME	DIRECTION	SPEED	
4 MIDLAND COUNTIES								
HIGH BRADFELD	10 JAN	09	270	42	0912	260	63	4-12 19 22 23
	29 APR	17	270	47	1712	270	67	13-21
	14 AUG	13	210	41	1306	210	59	12-15
	3 NOV	15	240	41	1542	240	58	5-10 15 16 22 23
	25 NOV	13	230	44	1230	220	66	10-21
	26 NOV	06	230	60	0606	230	78	3-11
	30 NOV	14	240	46	1442	240	67	10-23
	1 DEC	23	240	44	2330	240	63	0 15 20-23
	4 DEC	18	220	51	1718	220	68	0 15-21
	15 DEC	16	280	45	1618	280	66	13-23
	16 DEC	22	250	52	2354	250	74	0-2 21-23
	17 DEC	19	270	54	1900	270	80	0-23
	27 DEC	08	190	42	0854	190	61	6-12
5 ENGLAND SE & CENTRAL S								
DOVER	4 JAN	11	100	43	2042	080	55	4-23
	5 JAN	00	080	41	0118	080	54	0-8
	9 MAR	06	230	44	1336	260	57	0-13
	26 MAR	09	230	46	0900	230	62	2 5-13 20-23
	14 AUG	12	230	46	1348	230	59	10-19
	26 NOV	09	220	42	0948	220	56	0-13
	9 DEC	21	240	49	2100	230	70	8-10 12-23
	15 DEC	06	240	56	0624	250	86	0 2-12
	27 DEC	21	190	43	2248	190	64	8 9 12-23
DUNGENESS	9 DEC	21	210	44	-	-	62	19-21
7A ENGLAND NW & I O M								
ESKMEALS	11 FEB	09	100	45	0906	100	66	0-13 17-20
GREAT DUN FELL	19 JAN	07	090	44	0706	090	49	1-23
	11 FEB	20	090	57	2006	090	65	0-3 5-23
	12 FEB	15	090	63	1548	090	69	0-23
	13 FEB	07	100	54	1324	100	56	0-23
	14 FEB	12	090	63	1248	090	69	0-23
	15 FEB	15	080	69	1630	080	75	0-23
	16 FEB	00	090	51	0018	090	55	0-9
	27 FEB	10	250	47	1200	240	54	0-11
	2 MAR	22	220	48	2242	220	57	3-7 14 16-23
	3 MAR	03	220	42	0012	220	49	0-7 10-13
	5 MAR	23	210	41	2330	210	52	0-9 12-18 21-23
	6 MAR	00	210	41	0006	210	53	0-2 5-11
	8 MAR	14	220	45	1506	220	54	6-9 12 14-22
	16 MAR	16	050	58	1642	050	63	0-23
	17 MAR	00	050	50	0030	050	55	0-23
	28 MAR	22	010	47	2218	010	51	14-23
	29 MAR	00	010	42	0000	010	48	0-6
	29 APR	20	260	45	2112	270	59	9-21
	12 SEP	23	270	41	2300	270	56	12-18 20-23
	13 SEP	00	260	42	0000	260	55	0 1
	3 NOV	17	220	41	1642	220	50	13 15-18
	17 NOV	15	220	53	1554	230	63	8-23
	18 NOV	00	250	45	0048	250	59	0 1 4 6 10
	22 NOV	16	220	43	1618	220	54	8-19
	25 NOV	23	230	54	2300	230	68	4-23
	26 NOV	04	220	62	0442	220	77	0-8
	27 NOV	15	220	45	1530	220	59	14-23
	28 NOV	19	220	51	1930	220	60	0-23
	29 NOV	03	220	47	0342	220	61	0-12 14-23
	30 NOV	14	230	48	1400	230	60	0 2-23
	1 DEC	22	220	51	2200	220	65	0-8 13-23
	2 DEC	09	220	51	1142	220	65	0-14
	3 DEC	15	220	46	1636	250	59	7 8 12-16
	4 DEC	17	220	63	1700	220	80	0 5-21
	12 DEC	22	220	42	1806	180	55	14 16-18 21-23
	13 DEC	02	220	43	0642	220	64	0-9
	17 DEC	11	250	63	1012	250	81	0-23
	18 DEC	02	270	48	0306	270	60	0-8
	26 DEC	09	210	46	0624	200	62	4-15 21-23
	27 DEC	02	200	41	0218	200	59	0-5 7-9
MOOR HOUSE	12 FEB	13	100	43	1324	090	53	5-13
	29 APR	19	290	43	1912	290	63	16-21
	12 SEP	23	270	47	2354	270	70	15-18 20-23
	13 SEP	00	270	51	0000	270	72	0-2
	17 NOV	14	220	44	1424	220	57	13-16 23
	17 DEC	16	280	44	1254	270	69	2-22
FLEETWOOD	17 DEC	16	280	42	1642	280	64	11-20
POINT OF AYRE	17 DEC	11	250	43	1148	240	62	2-20
RONALDSWAY	17 DEC	15	270	43	1154	260	66	1-19
7B WALES N								
VALLEY	10 JAN	00	160	42	0048	160	57	0 3
	25 NOV	11	210	42	1136	210	57	6-17
	26 NOV	05	220	41	0436	220	58	1-6
	17 DEC	12	260	46	1436	270	65	0-19
	27 DEC	04	150	46	0324	150	63	0-6
8A WALES SOUTH								
ABERPORTH	29 MAR	07	340	41	0748	340	58	0-10



Table 9 (continued)

DISTRICT & PLACE	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 33 KT ON THE DATE IN THE SECOND COLUMN
		HOUR BEGINNING	DIRECTION	SPEED	TIME	DIRECTION	SPEED	
<b>88 ENGLAND SW</b>								
PORTLAND BILL CO	6 NOV	10	270	42	0712	280	56	7-15
	10 DEC	23	240	46	2336	240	71	18-23
	11 DEC	01	260	54	0124	250	72	0-9
	15 DEC	06	240	54	0606	240	78	0-19
	27 DEC	04	160	42	0412	160	62	1-12 14-19
MOUNT BATTEN	10 JAN	02	220	46	0236	220	67	0-2
	10 DEC	23	260	44	2330	260	68	21-23
	11 DEC	00	280	41	0012	260	63	0
	15 DEC	01	240	50	0142	250	75	0-9
	27 DEC	13	200	47	1430	190	67	2-16
CAMBORNE	10 DEC	22	250	43	2236	250	68	21-23
	15 DEC	08	290	50	0342	-	81	0-2 5 8 10-12
CULROSE	10 DEC	22	240	43	2306	250	65	19-23
	15 DEC	02	250	49	0830	270	77	0-12
LIZARD	3 JAN	14	140	48	1354	140	67	9-14
	9 JAN	23	240	43	2354	240	61	22-23
	10 JAN	00	240	46	0000	240	67	0 1
	8 FEB	09	100	44	1112	100	55	6-18
	25 MAR	23	260	41	2330	260	55	6-12 20-23
	26 MAR	00	260	45	0036	270	60	0-3 16-18
	5 NOV	23	280	42	2236	280	51	1 17-23
	6 NOV	05	280	45	0124	280	60	0-15 17 18
	9 DEC	16	220	46	1612	220	67	1 5-22
	10 DEC	22	260	66	2248	270	84	16-23
	11 DEC	00	280	56	0006	280	73	0
	14 DEC	23	240	50	2354	240	71	1 15-23
	15 DEC	01	250	66	-	-	91	0 1 16-21
	26 DEC	23	170	48	2330	170	67	18-23
	27 DEC	00	180	52	1324	200	71	0-15
ST MAWCAN	15 DEC	05	300	52	0500	300	83	1-15
SCILLY (ST MARYS)	3 JAN	21	130	42	1912	130	69	6 9-23
	10 DEC	22	280	53	2154	270	79	17 19-23
	14 DEC	23	240	45	2336	240	71	21-23
	15 DEC	01	270	60	0224	280	99	0-14
<b>CHANNEL ISLANDS</b>								
GUERNSEY AIRPORT	10 DEC	23	260	43	2336	260	71	21-23
	11 DEC	00	260	47	0042	270	77	0-4
	15 DEC	10	270	54	1030	270	83	0-19
	28 DEC	02	340	43	0230	350	69	1-3
JERSEY AIRPORT	11 DEC	01	270	41	0212	270	66	0-5
	15 DEC	11	270	46	1054	270	71	2-19
<b>NORTHERN IRELAND</b>								
KILLOUGH	12 DEC	14	160	41	1406	160	58	12-15
	17 DEC	10	270	49	1012	270	69	3-7 10 11 13-15
ORLOCK HEAD	20 JAN	03	130	45	0312	130	58	0-13
	10 FEB	23	110	43	2342	110	53	3-11 13-23
	11 FEB	00	110	41	0030	110	52	0-23
	13 FEB	22	090	44	2154	090	58	0-23
	14 FEB	00	090	43	0012	090	59	0-10 12
	17 DEC	12	280	41	0324	260	66	3 5-16



Table 10 Highest and lowest maximum and minimum temperatures during 1979 at each station

District and Place	highest maximum and date	highest minimum and date	lowest maximum and date	lowest minimum and date
<b>0 SCOTLAND N</b>				
Baltaound	Sep 5 17.0	Aug 19 11.5	Jan 1 -0.9	Jan 11 -6.2
Fair Isle	Sep 5 15.9	Aug 18 11.4	Feb 14 -0.1	Jan 1 -3.6
Lerwick	Sep 5 16.3	Aug 19 11.5	Feb 7 -1.1	Jan 25 -6.6
Screen	Sep 5 16.6	Aug 19 11.6	Feb 7, 14 -0.6	Jan 25 -6.2
Kirkwall Airport	Sep 5 19.3	Aug 13 12.0	Jan 27 -1.3	Jan 27 -7.0
Weyland	Sep 5 21.4	Jul 28 14.0	Jan 11 1.4	Jan 5, 13 -4.8
Benbecula	Jun 3 20.6	Oct 9 12.7	Feb 14, 15 1.6	Jan 27 -5.5
Scalpay	Jun 4 20.3	Sep 5 13.0	Feb 11 0.8	Jan 27 -5.5
Stornoway	Jul 12 22.5	Sep 6 13.4	Jan 13 -4.4	Jan 1, 2 -6.3
Achnahellach	—	—	Jan 12 -4.0	Jan 1 -12.4
Cape Wrath	Oct 9 20.0	Oct 8 13.1	Feb 14, 16 0.0	Jan 1 -5.0
Cassidy	Jul 12 23.0	Jul 28 13.5	Jan 13 -5.5	Jan 2, 14 -10.8
Cornach	Jun 3 29.0	Sep 6 15.2	Jan 13 -3.1	Jan 14 -12.7
Dalness	Jun 10 23.9	Sep 8 15.2	Jan 13 -3.1	Jan 14 -18.3
Dalwhinnie	Jun 19 25.0	—	Jan 12 -5.1	Jan 14 -6.1
Diabail	Jun 3 24.0	Jul 28 14.6	Feb 14 0.5	Jan 1 -10.0
Dounreay	Aug 12 23.0	Sep 6 13.5	Feb 14 0.0	Jan 13 -14.2
Fort Augustus	—	—	Jan 13 -2.0	—
Fortrose	Jul 12 24.0	Sep 6 14.0	Jan 13 -2.0	—
Gargall	—	—	Jan 13 -1.7	—
Glenmore Lodge	Jun 3 26.4	Sep 6 13.6	Jan 13 -8.5	Jan 14 -15.1
Grantown-on-espoy	Jun 3 25.8	Sep 6 14.5	Jan 13 -8.9	Jan 14 -19.4
Heaste	Jun 3 22.0	—	—	—
Invergordon	Jun 20 23.6	Jul 29 14.5	Jan 13 -3.0	Jan 14, 15 -10.0
Inverness	Jun 20 24.9	Sep 6 15.2	Jan 13 -3.0	Jan 14, 15 -9.2
Inverpolly	Jun 4 24.1	Jul 28 14.8	Jan 27 -0.8	Feb 15 -8.6
Isle of Rhum	Jun 3 24.2	Jul 28 13.8	Jan 12 1.0	Jan 1 -8.5
Keiss	Jul 5 20.0	Jul 29 12.7	Jan 13 1.0	Jan 28 -9.4
Knocknack	Jun 2 21.9	Jul 28 13.1	Feb 15 -3.0	Feb 16 -23.5
Laggan	Jul 12 22.7	Sep 6 13.9	Jan 13 -8.6	Jan 14 -15.4
Lairg	Jul 12 24.0	Jul 29 13.4	Jan 13 -6.5	Jan 1 -10.9
Lerwick	Jun 20, Jul 12 22.1	Jul 29 13.4	Jan 13 -2.7	Feb 16 -12.0
Nairn	Jul 12 24.1	Jul 29, Sep 2 13.8	Jan 13 -2.7	Jan 14 -12.0
Onich	Jun 3 28.5	Jul 28, Oct 9 14.0	Jan 10 -0.5	Jan 13 -12.0
Poolevie	Jun 3 25.3	Jul 28 15.3	Jan 10 -0.6	Jan 1 -8.1
Prabost	Jun 4 24.4	Jul 28 15.0	Feb 15 0.0	Jan 1 -15.2
Strathdonon	Jun 19 25.6	Jul 28 13.5	—	Feb 16 -6.9
Tarbatness	Jul 12 23.1	Sep 5 13.9	Jan 13 -2.3	Jan 1, 14 -16.5
Tomatin	Jun 19 25.0	Jul 27 12.9	Feb 14 -4.4	Jan 13 -9.9
Tornadale	Jun 4 22.5	Sep 6 14.3	Jan 27 -1.0	Jan 1 -9.2
Wick	Jul 4 20.9	Sep 5 13.9	Jan 27 -0.8	Feb 6 -9.2
<b>1 SCOTLAND E</b>				
Aberdeen	Jul 4, 12 23.7	Jul 29 14.5	Feb 14 -3.1	Jan 14 -15.6
Dyce Airport	Jul 12 21.7	Sep 2 13.6	Jan 13 -0.6	Jan 14, 15 -12.6
Manofact	Jul 12 25.0	Jul 29 13.5	Feb 14 -4.8	Jan 28 -16.5
Balmoral	Jul 4 24.8	Jun 21 14.6	Feb 14, 15 -1.0	Jan 14 -12.9
Banchory	Jun 20 24.5	Jul 29, Sep 2 14.6	Feb 14 -1.0	Jan 28 -8.7
Brann	Jun 3, 19 25.5	Jul 28, 29 13.6	Jan 13 -5.8	Jan 28 -14.5
Cashmore	Jun 3, 19 24.5	Jul 28 14.0	Feb 14 -5.8	Mar 19 -10.2
Craibstone	Jul 12 22.9	Jul 29 14.0	Feb 14 -2.6	Jan 15 -10.2
Cullterry	Aug 29 21.4	Sep 5 13.0	Jan 13 -2.3	Jan 28 -13.9
Elgin	Sep 5 23.5	Sep 2 14.8	Jan 27 -0.4	Feb 16 -9.8
Forhill	Aug 29 20.2	Sep 2 13.0	Feb 14 -2.3	Jan 28 -8.3
Forres	Jul 12 25.0	Sep 6 15.0	Jan 13 -2.4	Feb 16 -6.1
Fraserburgh	Jul 12, Sep 5 22.0	Sep 5 14.9	Feb 14 -0.2	Jan 1 -17.5
Fyvie Castle	Jul 12 25.0	Sep 2 14.5	Jan 13 -3.0	Jan 28 -16.0
Gartly	Jul 12 23.5	Jul 29 13.9	Feb 14 -2.0	Jan 14 -13.8
Glenlivet	—	—	—	—
Inverurie	Jul 12 24.5	May 14 13.6	Jan 13 -5.8	Jan 14 -13.0
Kiln	Jun 20 24.5	Sep 6 14.1	Jan 13 -2.9	Jan 28 -16.0
Kintore	Jul 12 24.2	Sep 5 16.1	Jan 13 -2.6	Feb 16 -12.5
Lossiemouth	Aug 12 24.4	Sep 5 16.0	Jan 22 -1.5	Mar 19 -12.5
Stonehaven	Jul 6 21.9	Sep 2 13.2	Feb 14 -0.9	Jan 28 -12.2
Arbroath	Jul 4 22.9	Jul 29 13.5	Feb 14 -1.4	Jan 14 -12.6
Ardnamain	Jun 19 26.5	Jun 21 14.4	Feb 14 -3.3	Jan 13 -17.5
Dull	Jun 19 26.3	Jul 29 13.5	Jan 12 -3.2	Jan 14 -13.7
Drummond	—	—	—	—
Castle	Jun 19 24.6	Jul 29 13.9	Jan 13 -3.7	Jan 13 -13.7
Dundee	Jun 20 24.6	Jul 27 14.1	Jan 13 -1.7	Jan 13 -13.0
Falkirk	Jun 19 25.1	Jul 28 14.6	Jan 13 -5.4	Jan 14 -22.0
Kindrogan	Jun 18 23.7	Jul 29 12.7	Feb 14 -5.3	Jan 13 -16.1
Kinross	Jun 19 25.4	Aug 13 13.5	Jan 13 -2.4	Jan 13 -10.5
Montrose	Jul 12 23.0	Sep 2, 11 13.0	Jan 4, Feb 14 -0.5	Jan 14 -11.3
Mythenfield	Jul 12 23.0	Jun 21 14.0	Jan 13 -3.5	Jan 14 -14.9
Perth	Jun 19 26.5	Jun 21, Jul 7 14.5	—	Jan 13 -13.8
Strathallan	Jun 19 26.0	Jun 21 14.1	Jan 4, 13 -2.0	Jan 13 -13.8
Udd	—	—	—	—
Whithilllocks	Jun 3 23.7	Jul 29 13.8	Jan 27 -1.2	Jan 1, 28 -12.8
Ballintra	Jun 19 23.0	Jul 29 14.3	Feb 14 -1.6	Jan 1 -7.2
Cupar	Jun 19 24.9	Aug 13 14.4	Jan 4 -3.4	Jan 14 -13.1
Leuchars	Jul 12 24.4	Aug 6 14.4	Jan 4 -3.3	Jan 14 -12.4
Pirbright	Jun 19 25.1	Jul 29 14.6	Jan 13 -2.3	Jan 14 -8.4
St. Andrews	Jun 19 24.5	Jul 29 14.3	Jan 13, Feb 14 -2.5	Jan 13 -16.0
Blath House	Jun 19 23.6	Jul 29 14.3	Jan 13, Feb 14 -1.0	Jan 1 -6.5
Dunbar	Jun 20 24.5	Aug 13 15.0	Feb 14 -1.0	Jan 1 -17.5
Edinburgh	—	—	—	—
East Craigs	Jul 12 24.5	Jun 21 14.4	Feb 14 -0.6	Jan 13, 14 -11.9
Royal Botanic Garden	Jun 19 24.0	Jun 21, Jul 29 14.9	Jan 13 -1.6	Jan 13 -11.9
Observatory	—	—	—	—
Blackford Hill	Jul 12 24.3	Jun 20 15.3	Feb 14 -2.1	Jan 2 -8.5
Turnhouse	Jul 12 25.4	Aug 6 15.0	Jan 13 -5.6	Jan 13 -17.0
Haddington	—	—	—	—
Livingston	—	—	—	—
Nunraw Abbey	Jun 19 23.3	Jul 28 15.0	Feb 14 -2.6	Jan 13 -11.5
Pathhead	Jul 12 24.1	Jun 20 14.4	Feb 15 -1.3	Jan 13 -12.5
Penicuik	Jun 19 26.3	Jul 29 13.9	Feb 14 -2.5	Jan 13 -15.5
Roslin	Jul 12 24.0	Jul 28, 29, Oct 9 13.5	Feb 14 -2.4	Jan 13 -14.5
Blyth Bridge	Jun 19 24.5	Jul 28 13.5	Jan 12 -1.9	Jan 14 -19.9
Blythe	Jun 19 23.2	Jul 7 12.6	Feb 14 -3.8	Jan 13 -11.3
Bonchester Bridge	—	—	—	—
Bowhill	—	—	—	—
(Selkirk)	—	—	—	—
Floors Castle	Jun 19 26.7	Aug 13 12.6	Jan 13 -5.0	Jan 13 -15.2
Galashiels	Jun 19 25.0	Jul 29 15.6	Jan 13 -3.9	Jan 13 -15.0
Glenelg	Jun 19 24.4	Jul 26, 29 13.4	Jan 13 -4.4	Jan 13 -15.6
Greyrook	Jun 19 27.2	Jul 29 14.6	Jan 12 -6.5	Jan 13, 14 -17.5
Kello	—	—	—	—
St Abbs Head	Jul 12 25.6	Aug 13 15.0	Jan 13 -6.5	Jan 13 -13.2
Stanhope Farm	Jul 12, Aug 12 22.7	Jul 7 14.2	Feb 14 -6.8	Jan 1 -6.8
West Linton	Jun 19 24.8	Jul 29 14.2	Jan 12 -6.9	Jan 13 -16.7
Whitchester	Jun 19 23.5	Jul 29 14.1	Jan 12 -5.8	Jan 13 -22.4
Whitchester	Jun 18 23.3	Jun 20 13.5	Feb 14 -3.4	Jan 13 -9.1
<b>2 ENGLAND E &amp; N</b>				
Crawfordjohn	Jun 3 26.6	Oct 9 14.1	Jan 12 -7.5	Jan 14 -21.0
Cumock	Jun 3 26.5	Aug 12 14.9	Jan 12 -4.6	Jan 13 -13.9
Dunstaffnage	Jun 3 25.5	Oct 9 14.4	Jan 11 -0.8	Jan 1 -7.5
East Kilbride	Jun 19 24.9	Oct 9 14.1	Feb 15 -2.4	Jan 13 -14.5
Glasgow	Jul 12 23.2	Sep 1 14.1	Feb 15 -1.9	Jan 13 -6.9
Abbotsinch	—	—	—	—
Airport	Jun 19 24.0	Jul 29 14.9	Jan 13 -6.5	Jan 13 -16.5
Springburn Park	Jun 19 25.3	Jul 28 14.5	Jan 12 -3.0	Jan 13 -14.5
Weather Centre (G)	Jun 19 25.5	Jun 20 16.6	Jan 13 -4.8	Jan 13 -11.3
Greenock	—	—	—	—
Helensburgh	Jun 19 22.8	Jul 29 14.1	Jan 13 -1.8	Jan 14 -10.0
Hunterston	Jun 3 24.0	—	Feb 15 -0.3	Jan 1 -7.1
Kildonan	Jul 12 23.0	Jul 28 13.5	Feb 15 -0.5	Jan 13 -12.3
Kilmarnock	—	—	—	—
Knapdale Forest	Jun 2 24.5	Jul 28 14.3	Feb 15 0.4	Jan 1 -12.0
Leadhills	Jun 3 23.9	Sep 1 13.6	Feb 14 -5.0	Jan 1 -14.1
Macbratney	Aug 12 21.7	Aug 12 14.6	Feb 15 -0.3	Jan 1 -6.8
Millport	Jun 3 23.2	Oct 9 14.5	Feb 14 -1.2	Jan 1 -13.9
Paigley	Jun 19 25.0	Jul 28 15.5	Feb 14 -2.0	Jan 1 -12.2
Preswick	Jun 3 24.9	Sep 1 15.3	Jan 12 -3.0	Jan 1 -5.0
Rhodes	Jun 3 22.4	Jul 28, Aug 12 14.0	Feb 15 -0.1	Jan 1 -8.6
Rothsay	Jun 19 22.0	Oct 9 14.8	—	—
Strathcathol	Jun 3 23.4	Aug 6 13.3	Feb 15 0.0	Jan 1 -15.1
Tiree	Jun 3 20.5	Oct 9 13.2	Feb 15 0.8	Jan 1 -15.4
Uplawmoor	Jun 19 23.2	Oct 9 14.2	Jan 12 -1.1	—
Arroch	—	—	—	—
Callander	Jul 17 24.9	—	Feb 14 -2.0	Jan 5 -12.3
Earle Hill	Jul 29 23.6	Jul 29 12.8	Feb 14 -4.9	Jan 1 -11.6
Falkirk	Jun 19 25.7	Jul 29 15.3	Jan 4 -2.6	Jan 13, 14 -16.0
Parkhead	Jun 19, 20 25.5	Jul 28, Oct 9 14.5	Jan 13 -1.2	Jan 13 -15.0
Stirling	—	—	—	—
(Batterfield)	Jun 19 26.1	Jul 29 14.7	Jan 13 -2.6	Jan 13 -17.1
Barnharrow	Jun 3 27.3	Aug 12, Oct 9 14.4	Feb 15 -1.3	Jan 13 -11.8
Clatteringshaw	Jun 3 25.2	Aug 12 13.6	Feb 15 -2.7	Jan 13 -12.7
Dumfries	Jun 3, 4 25.4	Oct 9 14.5	Jan 13 -2.5	Jan 13 -12.7
Dundee	Jun 3 25.9	Oct 9 13.9	Jan 12 -4.7	Jan 13 -17.9
Eskeleir	—	—	—	—
Pyndrometer	Jun 19 23.4	Sep 1, Oct 9 13.8	Jan 13 -6.8	Jan 13 -17.4
Soreen	Jun 19 24.2	Sep 1 14.3	Jan 13 -6.6	Jan 13 -17.3
Girdlewood	—	—	—	—
Glenelg	Jun 3 26.5	Aug 12 14.4	Dec 23 -2.5	Jan 13 -17.5
Berridge	—	—	—	—
Newton Stewart	Jun 3 25.2	Oct 9 14.7	Jan 26 -2.0	Jan 27 -13.8
Palmer	Jun 3 25.0	—	Feb 14 -0.8	Feb 3 -10.5
Threave	Jun 3 25.4	Aug 12 14.8	Feb 15 -0.7	Jan 27 -10.6
Threave	Jun 3 26.0	Jul 28 15.4	Jan 26 -2.1	Jan 13 -13.4
<b>3 EAST ANGLIA</b>				
Boulmer	Aug 12 23.0	Jul 29 15.4	Feb 14 -1.1	Feb 14 -7.0
Cockle Park	Jun 20 22.9	—	Feb 14 -2.4	Jan 4 -9.3
Haydon Bridge	Jun 19 25.7	Aug 13 15.6	Jan 4 -3.5	Jan 13 -13.1
Kielder Castle	Jun 19 25.1	Jul 29 14.0	Jan 4 -5.5	Jan 13 -16.0
Redcliffe	Jun 19 23.4	Aug 7 13.5	Feb 14 -4.6	Jan 13 -12.0
Seahouses	—	—	—	—
Stonehouse	Jun 19 24.6	Aug 13 14.8	Feb 15 -3.8	Jan 28 -13.2
Chopwellwood	Jun 20 24.5	—	Feb 14 -2.5	Jan 5 -9.0
Newcastle	—	—	—	—
Weather Centre (G)	Jun 20 25.1	Aug 13 16.4	Jan 1 -2.8	Jan 5 -8.3
Tynemouth	Aug 12 24.0	Jul 29 15.9	Jan 1 -3.5	Jan 5 -6.4
Washington	Jun 20 24.5	Aug 13 16.5	Feb 14 -2.5	Jan 5 -11.2
Durham	Jun 18 24.9	Aug 13 17.0	Feb 14 -2.8	Jan 5 -10.9
Low Etherley	Jun 19 24.7	Jul 28, Aug 13 16.7	Feb 14 -3.2	Jan 5, 13, 26 -13.0
Widdysbank Fell	Jun 19 23.1	Jul 28 16.3	Jan 3 -7.2	Jan 5 -15.1
Harburn Grange	Jul 27 26.1	Aug 13 17.3	Jan 3 -2.0	Jan 5 -8.8
Hartlepool	Aug 12 24.2	Aug 13 15.3	Jan 3 -3.8	Jan 28 -12.4
Ashham Bryan	Jul 27 26.0	Aug 13 15.0	Jan 3 -4.3	Jan 28 -14.6
Cawood	Jun 20 25.0	Aug 13, Sep 18 15.0	Jan 3 -5.0	Jan 28 -9.5
High Mowthorpe	Jul 27 25.1	Aug 13 14.4	Feb 14 -5.0	Jan 5 -12.5
Leeming	Jun 19 26.9	Jul 29 13.6	Feb 14 -5.7	Jan 1 -10.0
Masham Tarn	Jun 3 23.2	Jul 29 14.7	Jan 3 -4.0	Jan 2 -11.3
Pickering	Jul 27 26.5	Jul 29 15.2	Feb 14 -1.4	Jan 26 -7.0
Scarborough	May 13 24.6	Jul 29 23.6	Jul 28 14.1	Feb 14 -3.1
Silpho Moor	May 13, Sep 6 23.5	Jul 28 14.2	Feb 14 -5.2	Jan 13 -14.2
Snizewell	Jun 19 23.7	Aug 13 14.4	Feb 14 -5.2	Jan 13 -7.7
Whitby	Jun 20 25.9	Jul 28 16.4	Feb 14 -2.4	Jan 5 -7.4
Whitby (Coastguard)	Jun 20 24.6	Aug 13 15.9	Feb 14 -2.5	Jan 5 -7.4
York	—	—	—	—
(Heslington)	Jul 27 25.8	Jul 28, 31 15.2	Jan 3 -3.0	Jan 3 -11.0
Bridlington				



Table 10 (continued)

District and Place	highest maximum and date	highest minimum and date	lowest maximum and date	lowest minimum and date
Garsdon	Jul 27	26.9	Jul 29, Aug 13	17.0
Huddersdon	Jul 27	28.5	Jul 29	17.2
Rothamsted	Jul 27	28.0	Jul 29	16.2
St. Albans	Jul 27	28.0	Aug 13	16.9
Stamsted	—	—	—	—
Abbotts	—	—	—	—
Clacton-on-sea	Jul 17	27.0	Jul 29	17.7
Halstead	Jul 27	28.5	Jul 29	17.1
High Beach	—	—	Jul 29, Aug 13	16.7
Shoeburyness	Jul 28	28.5	Jul 29, Aug 13	17.3
Stanford-le-hope	Jul 28	28.0	Jul 9, Aug 13, 14	16.5
Stansted	Jul 27	27.6	Jul 29	16.4
Wixoe	Jul 27	28.3	—	—
Writtle	Jul 27	29.2	Aug 13	17.4
4 MIDLAND COUNTIES				
Bradford	Jun 19	26.1	Aug 13	16.2
Bramham	Jun 19	25.5	Sep 26	15.3
Huddersfield	—	—	—	—
(Oakes)	Jun 19	27.2	Jul 17	14.4
Ilkley	Jun 20	26.5	—	—
Pontefract	—	—	—	—
Todmorden	—	—	—	—
Wilsden	Jun 19	26.4	Aug 13	15.4
Pinningley	Jun 19	27.1	Aug 14	15.6
Sheffield	Jul 27	25.8	Jul 28	16.0
Dore	Jun 19	27.3	Jul 28	16.8
Weston Park	Jul 27	25.6	—	—
Ashover	Jun 19	24.3	Aug 13	14.3
Barbrook	Jun 19	25.6	—	—
Buxton	Jul 27	27.6	Jul 28	16.3
Derby	Jul 27	26.0	Aug 14	14.7
Wingerworth	—	—	—	—
Mansfield	—	—	—	—
Newthorpe	—	—	—	—
Nottingham	—	—	—	—
Sutton	—	—	—	—
Bolton	Jul 27	26.9	Jul 28	15.6
Warson	Jul 27	27.6	Aug 14	15.2
Warrall	Jul 27	28.1	Jul 28	16.4
Keele	Jul 27	25.3	Aug 13	15.3
Oaken	Jul 27	27.0	Jul 18, Aug 13	15.3
Penkridge	Jul 27	26.5	Aug 13	15.7
Stone	Jul 27	26.4	Aug 13	15.6
Caldecott	Jul 27	27.5	Jul 29	15.8
Newtown	—	—	—	—
Linton	Jul 27	27.3	Aug 14	15.3
Hampson Lodge	Jul 27	28.2	Jul 18	17.0
Newport	Jul 27	26.6	Aug 13	16.2
Oswestry	Jul 27	25.5	Aug 13	15.3
Preston	—	—	—	—
Montford	—	—	—	—
Shawbury	Jul 27	26.6	Oct 9	16.5
Shrewsbury	Jul 27	27.3	Aug 13	17.3
Birmingham	Jul 27	27.6	—	—
Edgbaston	Jul 27	28.0	Jul 18	16.9
Edmond Airport	—	—	—	—
King Edward's	—	—	—	—
School	May 14, 15	24.3	—	—
Coverley Airport	—	—	—	—
Ludington	Jul 27	29.2	Jul 29	16.6
Moreton Morrell	Jul 27	26.4	Aug 12	16.2
Rugby	Jul 27	28.5	Jul 29	16.0
Shipton-on-stour	Jul 27	28.4	Sep 19	16.1
Stratford-upon-avon	Jul 27	29.0	Jul 18, 29	16.2
Wellesbourne	Jul 27	29.4	Jul 29	16.4
Moulton Park	Jul 27	27.6	Jul 28	16.4
Ruims	Jul 27	28.3	Aug 14	15.9
Astwood Bank	Jul 27	29.3	Jul 29	15.9
Lyonsford	—	—	—	—
Lyonsford	Jul 27	27.5	Jul 18, 29, Aug 12	15.5
Malvern	Jul 27	28.7	Jul 18	17.3
Pershore College	—	—	—	—
of Hart	Jul 27	29.0	Jul 29	16.8
Preston Wynne	Jul 27	28.0	Jul 29	16.0
Cheltenham	Jul 27	28.5	Aug 13	17.3
Innsworth	Jul 27	28.7	Jul 29	17.2
Bencon	Jul 27	30.4	Jul 29	16.9
Brize Norton	Jul 27	28.9	Jul 29, Aug 13	17.0
Letcombe Regis	Jul 27	28.6	Jul 29	16.6
Maidenhead	Jul 27	28.8	Jul 29	16.0
Oxford	Jul 27	29.5	Jul 29	17.5
Shirburn	—	—	—	—
(Model Farm)	Jul 27	28.8	Jul 29	16.7
Wallingford	Jul 27	30.0	Jul 29, Aug 13	17.0
Aylesbury	Jul 27	28.0	Jul 29	17.0
Grendon	Jul 27	28.1	Jul 29	16.6
Underwood	—	—	—	—
Medmenham	—	—	—	—
5 ENGLAND SE & CENTRAL S				
Bromley	Jul 27	30.0	Jul 29	17.0
Enfield	Jul 27	29.9	Aug 13	17.6
Greenwich	Jul 27	30.1	Jul 29, Aug 13	17.4
Hamstead	Jul 27	29.8	Jul 28	17.0
Hampton	Jul 27	30.2	—	—
Harrow Weald	Jul 27	29.0	—	—
Hastings	—	—	—	—
Airport	Jul 27	29.9	Jul 29	17.3
Kew	—	—	—	—
Psychrometer	—	—	—	—
North Wall	Jul 27	29.7	Aug 14	17.2
Screen	Jul 27	30.3	Jul 29, Aug 13	17.2
London Weather	—	—	—	—
Centre (X)	Jul 27	30.6	Jul 28	19.6
St. James's Park	Jul 27	30.1	Aug 13	17.7
Southgate	Jul 27	28.6	Jul 29	16.9
Waddon	Jul 27	29.5	Jul 29	17.0
Boscombe Down	Jul 27	29.5	Jul 9	15.9
Lacock	Jul 27	28.7	Jul 29	16.8
Larkhill	Jul 27	29.3	Jul 29	15.7
Lyneham	Jul 27	28.4	Jul 29	16.3
Porton	Jul 27	28.9	Jul 9	15.9
Trowbridge	Jul 27	29.8	Jul 29, Aug 12	16.5
Uxbridge	Jul 27	29.0	Jul 29	15.5
East Hampstead	Jul 27	29.7	Jul 29	16.7
Hurley	Jul 27	29.6	Jul 29	16.9
Lambourn	—	—	—	—
(Warren Farm)	Jul 27	27.8	Jul 29, Aug 13	15.7
Reading	Jul 27	29.2	Jul 29	16.7
Shinfield	Jul 27	29.8	Jul 29	16.8
(N. R. D.)	Jul 27	29.9	Aug 14	16.4
Mickleham	Jul 27	29.2	Jul 29	16.7
Witley	Jul 27	30.0	Jul 29	16.7
Dover R.M.S.	—	—	—	—
Dungeness	Jul 13	23.0	Sep 2	16.5
East Malling	Jul 27	28.7	Jul 9	16.9
Eastbridge	Jul 27	28.6	Jul 29	15.8
Elmstone	Jul 27	29.1	Jul 29	16.2
Faversham	Jul 27	28.7	Jul 29	16.5

District and Place	highest maximum and date	highest minimum and date	lowest maximum and date	lowest minimum and date
Folkstone	Jul 28	25.3	Sep 19	15.9
Gillingham	—	—	—	—
Goudhurst	Jul 27, 28	27.2	Jul 9	16.4
Hedlow College	Jul 27	28.2	Jul 9	16.6
Herne Bay	—	—	—	—
Manston	Jul 28	27.9	Jul 29	16.1
Margate	Jul 28	26.4	Sep 2	16.8
Ulcombe	—	—	—	—
Wye	Jul 28	27.7	Jul 29	15.9
Alce Holt	—	—	—	—
Lodge	—	—	—	—
Everton	Jul 27	25.9	Aug 7, 14	16.2
Hayling Island	Jul 12	25.2	Jul 18	16.9
Lackford	Jul 27	29.0	Jul 9	15.5
Long Sutton	Jul 27	29.3	Jul 9, 29	15.5
Martyr Worthy	Jul 27	29.0	Jul 9	16.2
Southampton	—	—	—	—
Mayflower Park	Jul 12	26.8	Jul 9, 29, Aug 14	16.5
Weather Centre	—	—	—	—
(X)	Jul 13	26.9	Jul 9	16.8
Southsea	Jul 12	25.2	Aug 7	16.6
Sparsloft	Jul 27	28.0	Jul 9	15.8
Ryde	Jul 13	25.4	Aug 12	16.8
St. Catherine's	—	—	—	—
Point	Jul 12	23.8	Jul 13, 29, Aug 7	15.5
Sandown	Jul 13	24.7	Aug 7, 14	16.6
Shanklin	—	—	—	—
Ventnor	—	—	—	—
Bognor Regis	Jul 13	25.1	Jul 18, Aug 7	16.6
Fernhurst	Jul 27	28.3	Jul 9	16.6
Gatwick	—	—	—	—
Airport	Jul 27	28.5	Jul 29	16.3
Hurstpierpoint	—	—	—	—
Littlehampton	Jul 13	25.0	Aug 3	16.5
Rogate	Jul 27	28.0	Jul 9, 29	16.0
Rustington	Jul 13	24.7	Jul 9, Aug 7, Sep 19	16.3
Westgate	Jul 28	25.0	Aug 14, Sep 19	16.2
Worthing	Jul 12, 13	25.0	Sep 19	16.3
Bexhill	Jul 28	25.0	Aug 7, Sep 2	16.5
Brighton	—	—	—	—
Eastbourne	Jul 13	24.7	Aug 7, 14	16.3
East Hove	—	—	—	—
Hastings	Jul 28	24.5	Sep 2, 19	15.8
Herstmonceux	Jul 28	26.8	Sep 19, Oct 9	15.9
Plumpton	Jul 27	27.0	—	—
7A ENGLAND NW & I.O.M.				
Carlisle	Jun 19	24.2	Oct 9	15.9
Carlisle	Jun 2, 3	25.6	Jul 17	15.7
Eskmeals	Jul 27	23.1	Sep 1	15.4
Grizedale	Jun 3	26.8	Oct 9	15.2
Moor House	Jun 19	22.4	Jul 28	12.6
Newton Flugs	Jul 27	22.0	—	—
Salford	Jul 27	25.8	Oct 9	16.4
Hazellrigg	Jun 3	24.8	Sep 1	15.9
Heimshore	Jun 19	24.7	Jun 20	15.5
Kirkham	—	—	—	—
Moscombe	Jun 19	23.7	Oct 9	16.8
Preston	Jun 19	25.8	Oct 9	16.7
Stalldun	Jun 19	25.4	Jul 28	15.2
Squires Gate	—	—	—	—
Airport	Jul 27	26.0	Oct 9	16.6
Alghoth	Jul 27	27.1	Aug 13	17.0
Slidton	Jul 27	26.2	Sep 1	16.7
St. Helens	—	—	—	—
Southport	Jul 27	24.9	Aug 12	15.5
West Kirby Park	Jul 27	27.0	—	—
Botton	—	—	—	—
Manchester	—	—	—	—
Ringway Airport	Jun 19	26.2	Oct 9	16.8
Weather	—	—	—	—
Centre (X)	Jun 19	27.3	Jun 20	18.8
Knightsford	Jul 27	26.0	Aug 13	16.2
Middlefield	Jun 19	26.0	Jun 20	16.6
New Gardens	Jul 27	26.9	Aug 13	16.5
Douglas	Jul 12	20.8	Jul 17	14.6
Point of Ayr	Aug 12	26.0	Sep 1	15.0
Ronaldsway	—	—	—	—
Airport	Jul 12	20.2	Jul 17	14.7
7B WALES N				
Bala	Jun 19	25.3	Jul 29	15.6
Bardsey Island	Jun 19	21.6	Sep 1	14.8
Betws-y-Coed	Jul 27	27.5	Jul 28	16.6
Bosworth	Jun 19	22.3	Sep 1	15.1
Cwmystadlyn	Jun 19	22.0	—	—
Llyn Alaw	—	—	—	—
Pen-y-Ffridd	Aug 31	24.8	Jul 28	16.5
Trawsfynydd	Jul 27	23.1	Sep 1	16.5
Valley	Jul 12	22.2	Sep 1	15.7
Alwen	Jul 27	24.5	Jul 28	14.5
Bwlchgwyn	Jul 27	23.5	Jun 20, Aug 12	14.0
Colwyn Bay	Jul 17	23.7	—	—
Conwy	Jul 27	26.4	Aug 12	15.3
Harolden Bridge	Jul 27	27.5	Aug 13	17.6
Logghead	Jul 30	25.1	Aug 13	15.4
Prestatyn	Jul 12	25.4	Sep 1	17.3
Ruthin	Jul 27	27.0	Aug 7	15.7
Forden	Jul 27	27.9	Aug 13	16.3
Lake Vymwy	Jul 27	23.7	Jul 28	14.7
Llanfair	—	—	—	—
Caeiroion	Jul 27	26.8	Jul 29	15.6
Moel Cynnedd	Jul 27	23.8	Jul 29	14.9
8A WALES S				
Aberporth	Jul 27	23.2	Jul 28	16.0
Aberystwyth	—	—	—	—
Brawdy	Jul 26	21.5	Jul 28	16.1
Brynmam	Jul 27	26.1	Jul 29	15.9
Carmarthen	—	—	—	—
Cwmystwyth	Jul 27	24.4	Jul 29	14.4
Dale Fort	—	—	—	—
Gogerddan	Jul 27	23.9	Jul 28	17.2
Milford Haven	—	—	—	—
(Conservancy Board)	Jul 12	23.0	Jul 28, 29	15.5
Orielton	Jul 26	22.9	Jul 28	16.5
Skokholm	—	—	—	—
Island	Jul 27	20.0	—	—
Tenby	Jul 12	23.4	Aug 6	16.6
Trawscod	Jul 27	26.0	—	—
Tregeon	Jul 27	25.7	Jul 28	16.0
Whitchurch	Jul 27	24.9	Jul 28	16.0
Cenarth	Jul 27	25.8	—	—
Llangenny	Jul 27	29.1	—	—
Mumbles Head	Jul 27	23.6	Jul 27, 28	16.0
Naeth	Jul 27	25.8	Jul 29	16.6
Penman	Jul 27	25.4	Jul 28, 29	16.0
Port Talbot	—	—	—	—



Table 10 (continued)

District and Place	highest maximum and date	highest minimum and date	lowest maximum and date	lowest minimum and date
Swansea	Jul 27 26.0	Jul 28 16.2	—	Jan 1 -8.2
Whiteford	—	—	—	—
Burrows	Jul 27 24.4	Jul 28 16.5	Feb 15 0.0	Jan 1 -8.1
Aberdare Filter Station	—	—	—	—
Cliffydd	—	—	—	—
Llwynon	—	—	—	Jan 3 -10.8
Portcawl	Jul 26 24.0	—	Feb 15 -0.4	Jan 2 -12.2
Bridgeford	Jul 27 26.4	Jul 29 16.5	Jan 1 -0.6	Jan 1 -7.3
Cardiff	—	—	—	Jan 1 -8.9
(Birds Park)	Jul 27 27.5	Jul 28 16.7	Jan 1 -1.0	Jan 1 -10.0
Rhose Airport	Jul 27 26.6	Jul 29 16.8	Feb 15 -2.0	Jan 1 -8.0
Crumbland	Jul 27 27.5	Jul 28 16.0	Jan 5 -2.3	Jan 1 -8.8
Uk	Jul 27 28.5	Jul 18, 28 16.8	Feb 15 -0.8	Jan 1, 2, 24 -14.0
<b>88 ENGLAND SW</b>				
Bath	Jul 27 (28.6)	—	—	—
Filton	Jul 27 27.3	Jul 28, 29 17.0	Jan 1 -2.8	Jan 24 -12.8
Long Ashton	Jul 27 27.5	Jul 29 16.9	Feb 15 -1.0	Jan 1 -11.8
Brymore	Jul 27 28.0	Jul 29 16.5	Feb 15 -0.8	Jan 25 -11.5
Crewkerne	Jul 27 27.9	Jul 29 15.9	Feb 15 -1.8	Jan 3 -9.0
Downside Abbey	Jul 27 27.6	Jul 18 16.3	—	Jan 1 -11.4
Exton	Jul 27 26.7	Jul 29 15.4	Feb 15 -4.1	Jan 1 -10.1
Hawkrig	Jul 27 24.9	—	Feb 15 -3.0	Jan 28 -11.1
Nettlecombe	Jul 27 26.0	Jul 18, Sep 19 16.0	Jan 5 -1.2	Jan 1, 2 -10.5
Nettlecombe (Birds Hill)	—	—	—	—
Rodney Stoke	Jul 27 28.0	Jul 29 15.8	—	Jan 1 -7.1
Wincanton	Jul 27 28.8	Jul 29 16.8	Jan 5 -1.3	Jan 2 -9.4
Yeovilton	Jul 27 28.8	Jul 29 16.7	Jan 2 -1.7	Jan 2 -11.0
Bournemouth	Jul 27 28.8	Jul 29 16.7	Jan 2 -2.2	Jan 2 -12.9
Bournemouth (Hurn Airport)	Jul 27 26.4	Aug 7 16.4	Jan 1 -4.0	Jan 3 -12.9
Dorset Tech	—	—	—	—
College	Jul 27 25.5	Jul 29 15.7	Jan 1 -2.0	Jan 2 -9.0
Christchurch	Jul 13 25.0	Jul 9 16.3	Jan 1 -3.1	Jan 2 -9.5
Poole	Jul 27 25.9	Jul 29, Aug 7 16.1	Feb 15 -0.7	Jan 2 -14.0
Portland Bill (Coastguard)	Jul 12 23.6	Aug 12 15.5	—	Jan 1 -6.8
Seawage	Jul 13 23.2	Jul 28, 29, Aug 12 16.0	Feb 15 -0.7	Jan 1, 28 -7.7
Weymouth	Jul 12 25.0	Sep 19 16.0	Feb 15 -0.7	Jan 1 -8.0
Winfrith	Jul 27 25.5	Jul 29, Aug 12, 13 16.0	Feb 15 -1.0	Jan 3 -11.9
Chawleigh	Jul 27 27.2	Jul 29 16.4	Jan 1 -2.8	Jan 2 -12.4
Exeter Airport	Jul 27 28.1	Aug 12 17.1	Jan 1 -4.6	Jan 2 -13.1
Exmouth	Jul 27 23.5	Aug 12 16.6	Jan 1 -1.5	Jan 2 -10.1
Hartland Point	Jul 26 21.4	Jul 28 16.0	Feb 15 -1.0	Feb 15 -4.3
Hemyock	Jul 27 26.3	—	Jan 5 -2.7	Jan 1 -11.1
Ilfracombe	Aug 30 24.1	Jul 28 17.6	Feb 15 1.0	Jan 2 -3.5
Melbury	Aug 30 23.6	Jul 28, 29 16.0	Feb 15 -1.6	Jan 1 -13.0
Okehampton	Jul 27 24.6	Jul 29 15.4	Feb 15 -3.8	Jan 1 -9.9
Plymouth	—	—	—	—
Mount Batten	Jul 26 24.8	Aug 7 16.3	Feb 15 -0.7	Jan 2 -8.8
The Hoe	Jul 26 24.8	Jul 28 16.6	Jan 1 -1.2	Jan 2 -8.3
Prandle Point	—	—	—	—
Princetown	Jul 27 24.0	Jul 28, 29 14.8	Feb 15 -4.9	Jan 1, 2 -11.5
Rumleigh	Jul 27 26.6	Jul 29 17.0	Jan 1 -0.9	Jan 3 -11.7
Slidmouth	Jul 12 23.5	Aug 12 17.0	Feb 15 -1.0	Jan 1 -10.0
Stapton	Jul 27 24.5	Jul 29, Aug 7 16.6	Feb 15 0.0	Jan 2 -7.8
Starcross	Jul 27 24.0	Jul 29 16.6	Jan 1 -4.2	Jan 2 -13.6
Teignmouth	—	—	—	Jan 2 -10.5
Torbay	—	—	—	—
(Torquay)	Jul 27 25.1	Aug 12 17.1	Jan 1 -1.8	Jan 2 -8.1
Twist	Jul 27 27.5	Jul 29, Aug 12 15.4	Jan 5 -2.6	Jan 1 -10.4
Camboorne	Jul 26 22.6	Jul 28 16.5	Jan 1 -1.6	Jan 1 -6.5
Battersea	Jul 27 24.9	Jul 29 15.7	Feb 15 -2.4	Jan 1 -15.0
Bude	Jul 26 24.9	—	—	Jan 2 -10.3
Culdrose	Jul 26, 27 22.3	Jul 28, 29 15.6	Jan 1 -2.2	Jan 1 -7.6
Delabole	—	—	—	—
Falmouth	Jul 27 24.0	Jul 18 17.0	—	—
Fowey	Jul 27 24.0	Jul 28 16.8	Jan 1 -1.5	Jan 2 -10.0
Greenmap Head	Jul 15 20.7	Jul 28 16.2	Jan 1 -1.0	Feb 15 -4.8
Ladock	Jul 27 24.0	—	Jan 1 -1.0	Jan 2 -16.0
Lizard	Jul 12 27.4	Jul 28 15.8	Feb 15 0.2	Feb 15 -9.2
Newquay	—	—	—	—
Penzance	Jul 27 23.5	Jul 28 16.7	Jan 1 -0.5	Feb 15, Dec 23 -3.6
Rosewarne	Jul 26 22.8	Jul 28 16.6	Jan 1 -2.5	Jan 2 -7.5
St. Austell	—	—	—	—
(Bethel)	Jul 27 24.1	Jul 28 17.1	Jan 1 -1.7	Jan 2 -8.5
St. Johns	Jul 27 25.0	Jul 29 16.5	—	Jan 2 -12.7
St. Marys	Jul 26 23.0	Jul 28 17.0	Jan 1 -0.9	Jan 1, 2 -8.2
Solly (St Marys)	Jul 26 21.9	Jul 28 15.7	Feb 15 1.4	Jan 1 -3.0
Tregatic	Jul 27 26.0	Jul 29 15.6	Jan 1 -1.7	Jan 1 -9.0

District and Place	highest maximum and date	highest minimum and date	lowest maximum and date	lowest minimum and date
Alderney	—	—	—	—
Guernsey	—	—	—	—
Airport	Jul 26 23.0	Sep 19 15.3	Feb 15 -1.0	Feb 15 -3.4
L'Ancrese	Jun 20 23.0	Aug 7 16.5	Feb 15 2.5	Feb 27 -3.3
<b>Jersey</b>				
Airport	Jul 26 26.1	Aug 7, Sep 19 15.7	Jan 18 0.0	Jan 6 -6.1
Gorey Castle	Jul 26 27.1	Aug 7 16.4	Jan 5 -0.6	Jan 6 -7.2
St. Helier	—	—	—	—
<b>NORTHERN IRELAND</b>				
Aghaloo	Jun 19 24.1	Jul 17 15.4	Feb 15 0.2	Jan 13 -8.0
Benagher	Jun 19 23.0	Jul 28 16.0	Jan 1, Feb 15 -0.5	Jan 13, 14 -12.0
(Caugh Hill)	Jun 19 25.1	—	—	Jan 13 -9.7
Boon Hall	Jun 19 23.5	Jul 28 16.5	Feb 15 0.0	Jan 13 -7.0
Carmoncy	—	—	—	—
Coleraine	—	—	—	—
University	Jul 12 23.0	Jul 28 16.2	Jan 12 -0.6	Jan 1 -11.2
Cooleteeragh	—	—	—	—
Derryvally	—	—	—	—
Forest	Jun 19 24.5	Jul 28 16.3	Jan 2, Feb 14 0.3	Jan 13 -12.9
Garvagh Forest	Jun 19 23.7	Jul 28 15.7	Jan 26 -1.9	Jan 13, 14 -10.3
Loughmore	—	—	—	—
Forest	Jun 19 24.0	Jul 28 15.9	Feb 15 -0.5	Jan 1 -13.2
Moneysig	Jun 19 24.6	Jul 28 16.1	Jan 12 -1.6	Jan 1 -10.7
Tradd Point	Jun 18 23.2	—	—	Jan 13 -9.0
Aldergrove	—	—	—	—
Airport	Jul 12 23.4	Jul 28, Aug 12 16.5	Jan 27 -2.3	Jan 13 -10.4
Altnahinch	Jun 19 22.8	Jul 28 15.7	Feb 15 -2.2	Jan 1 -11.5
Ballylumford	Jul 28 22.3	Aug 12 15.0	Feb 15 -0.3	Jan 13 -4.8
Ballypatrick	—	—	—	—
Forest	Jun 18 22.5	Jul 28 16.2	Feb 15 -1.0	Jan 1 -6.7
Carnlough	Jul 12 23.5	Aug 12, Oct 9 14.2	Feb 15 0.4	Jan 13 -7.3
Divis Mountain	Jun 18 22.4	Sep 1 12.4	Jan 1 -2.8	Jan 13 -10.2
Greenmount	Jun 19 23.8	Jul 28 16.3	Jan 12 -2.1	Jan 13 -11.4
Hyde Park (Mallusk)	Jun 18 22.9	Jul 17 15.3	—	Jan 13 -10.1
Kilnool Power Station	Jul 27 23.4	Aug 12 15.7	Jan 1 -0.2	Jan 13 -7.9
Lisnafillan	—	—	—	Jan 14 -12.0
Lowtown	Jun 18 21.1	Jul 17 13.7	Feb 15 -2.4	Jan 1 -8.5
Parkmore	—	—	—	—
Forest	Jun 18 23.4	Jul 26, 29 13.4	Feb 15 -2.5	Jan 10 -10.5
Woodburn North	Jul 12, 28 21.5	Jul 17, 28, 29 14.0	Jan 1, Feb 15 -2.0	Jan 1 -7.5
Andersonstown	—	—	—	—
Malone	—	—	—	—
Milltown	Jul 29 24.4	Jul 17 15.6	Jan 12 -1.0	Jan 2 -9.5
Newtownabbey	Jun 18, Jul 12 23.5	Jul 17 16.4	Feb 15 -0.4	Jan 13 -7.2
Roselank	Jul 28 23.3	—	—	Jan 13 -8.3
Rosetta	—	—	—	Jan 2, 14 -9.0
Shaw's Bridge	Jul 12 24.0	—	—	Jan 1, 13 -9.5
Stormont Castle	Jul 28 22.7	Aug 12 15.4	Feb 15 -0.6	Jan 1 -7.6
Bangor Seacourt	Aug 12 23.0	Aug 12 15.5	Feb 15 -0.3	Jan 1 -4.0
Ballywater Park	—	—	—	—
Ballywatrick	Jul 6 22.7	Jul 17 15.9	Feb 15 -0.3	Jan 13 -8.3
Bransford	Jul 28 22.5	Jul 17 16.2	Jan 1 -0.4	Jan 1 -7.4
Downpatrick	Jul 6, 28 23.5	Jul 17 16.0	Jan 26 -1.5	Jan 1 -6.9
Helen's Bay	Jul 12 23.2	Aug 12 16.5	Feb 15 -0.4	Jan 13 -4.9
Hillsborough	Jun 18 22.6	Jul 28 15.3	Jan 1 -1.8	Jan 1 -9.9
Long Kesh	Aug 12 23.3	Aug 12 16.7	Jan 12 -1.9	Jan 1 -15.2
Lough Coney	Jul 4 24.0	Jul 17, 26 15.0	Jan 26 -0.5	Jan 1 -5.6
Maghera	Jul 12 23.6	Jul 28 14.6	Jan 1 -1.6	Jan 2 -10.8
Murlough	Jul 6 23.7	Jul 17 15.1	Jan 1 -0.6	Jan 1 -8.4
Newry	Aug 12 23.6	Aug 12 16.3	Feb 15 0.4	Jan 14 -9.0
Silent Valley	Jul 28 22.5	Jul 28, Aug 12 15.0	Mar 17 0.1	Jan 2 -9.7
Armagh	Jun 19 24.1	Aug 12 16.9	Jan 1 -1.5	Jan 1 -9.5
Loughgall	Jun 19 23.8	Jul 28 16.5	Jan 12, Feb 15 0.0	Jan 1 -9.0
Lurgan	Jul 29 24.9	Jul 28 16.5	Jan 12 0.6	Jan 2 -10.3
Tandragee	Jun 19 24.6	Aug 12 16.0	Jan 1 -0.3	Jan 1 -10.3
Altaviedan	—	—	—	—
Carrigans	Jun 19 24.8	Jul 28 16.7	Jan 27 -2.2	Jan 13 -11.1
Cookstown	Jun 19 22.9	Jul 28 16.0	Feb 15 -1.0	Jan 1 -9.2
Lough Bradan	Jun 19 23.6	Jul 28 15.4	Feb 15 -1.0	Jan 2 -11.5
Pomeroy	—	—	—	—
Forest	—	—	—	—
Strabane	—	—	—	—
Convent	Jun 19 25.7	Jul 28 16.8	Jan 12 -0.9	—
Tieveeny	Jun 19 25.0	Jul 28 17.0	Jan 27 0.3	Jan 13 -11.5
Castle Archdale	—	—	—	—
Forest	Jun 19 24.5	Jul 28 16.4	Jan 1, 12, Feb 15 -0.3	Jan 13 -12.1
Corry	Jun 19 23.0	Jul 28 15.4	Jan 1 -1.2	Jan 13 -10.0
Knock Anivan	Jun 19 25.3	Jul 28 15.8	Jan 1 0.2	Jan 13 -9.8
Lisnakea	Jun 19 24.5	Jul 17, 28 16.5	Feb 15 -0.3	Jan 13 -11.0
Lough Neale	—	—	—	—
Forest	Jun 19 25.0	Jul 28 15.5	Jan 1 -0.7	Jan 1 -12.1

NOTE: In Tables 3, 4 & 10 the symbol (X) against certain stations denotes an urban roof top site.



Table 11 - Number of days on which the duration of sunshine in hours was between given limits in each month in 1979

Station	January					February					March					April					May					June				
	0.0	0.1-3.0	3.1-6.0	6.1-9.0	>9.0	0.0	0.1-3.0	3.1-6.0	6.1-9.0	>9.0	0.0	0.1-3.0	3.1-6.0	6.1-9.0	>9.0	0.0	0.1-3.0	3.1-6.0	6.1-9.0	>9.0	0.0	0.1-3.0	3.1-6.0	6.1-9.0	>9.0	0.0	0.1-3.0	3.1-6.0	6.1-9.0	>9.0
Lerwick	17	13	1	0	0	4	17	4	3	0	6	11	10	4	0	5	8	11	4	2	6	9	9	3	4	7	12	2	5	4
Stornoway	10	18	3	0	0	3	12	9	4	0	5	8	12	6	0	4	7	8	10	1	2	6	7	10	6	3	11	3	4	9
Craibstone	10	10	10	1	0	6	11	4	7	0	6	6	5	11	3	6	9	4	9	2	0	10	3	5	13	5	7	4	4	10
Leuchars	10	10	7	4	0	6	10	7	5	0	4	11	6	7	3	5	11	4	5	5	1	9	5	9	7	2	8	4	6	10
Abbotsinch	14	9	7	1	0	9	7	7	5	0	7	8	10	5	1	2	12	5	7	4	2	6	7	6	10	1	9	4	6	10
Eskdalemuir	15	8	4	4	0	11	5	7	5	0	8	13	7	1	2	4	10	9	3	4	4	10	6	7	4	3	5	6	7	9
Boulmer	8	14	6	3	0	10	10	4	4	0	4	11	7	5	4	4	6	10	10	0	1	7	8	7	8	1	9	5	5	10
Gorleston	13	13	4	1	0	14	5	6	3	0	9	10	3	7	2	1	11	9	3	6	2	6	5	8	10	2	5	4	12	7
Cambridge (N.I.A.B.)	12	11	7	1	0	15	6	6	1	0	8	12	3	7	1	2	11	10	4	3	1	8	3	8	11	0	7	8	8	7
Finningley	16	5	8	2	0	12	8	3	5	0	6	15	6	1	3	3	11	12	3	1	3	8	9	4	7	0	4	11	9	6
Elmdon	13	10	6	2	0	14	4	5	5	0	6	12	7	4	2	2	9	13	5	1	5	5	4	10	7	1	13	6	4	6
Kew	15	8	4	4	0	13	9	3	3	0	8	8	8	6	1	2	13	7	4	4	2	7	2	6	14	2	10	6	8	4
Southampton	13	7	4	7	0	14	5	6	3	0	8	7	8	6	2	1	8	10	7	4	3	5	2	7	14	6	7	4	6	7
Hastings	12	8	7	4	0	12	8	5	2	1	8	6	5	10	2	2	8	7	10	3	0	8	3	7	13	4	7	3	9	7
Squires Gate	13	6	7	5	0	9	8	3	8	0	5	12	8	5	1	4	6	5	9	6	2	8	7	3	11	2	6	6	4	12
Douglas	13	7	8	3	0	10	8	5	4	1	7	12	5	5	2	7	1	4	12	6	5	3	5	12	1	6	5	5	13	
Valley	9	10	6	6	0	8	11	3	6	0	6	11	5	4	5	3	7	4	7	9	6	3	5	11	3	3	8	3	13	
St. Mawgan	9	7	11	4	0	12	6	4	4	2	8	8	8	4	3	2	7	5	8	8	6	3	0	6	16	4	7	5	4	10
Aldergrove	12	10	8	1	0	7	10	8	3	0	4	11	11	2	3	6	8	6	7	3	3	7	7	7	7	2	10	9	4	5
Armagh	11	13	5	2	0	10	9	3	6	0	5	13	5	8	0	4	10	5	7	4	4	6	9	7	5	2	14	5	4	5

Station	July					August					September					October					November					December				
	0.0	0.1-3.0	3.1-6.0	6.1-9.0	>9.0	0.0	0.1-3.0	3.1-6.0	6.1-9.0	>9.0	0.0	0.1-3.0	3.1-6.0	6.1-9.0	>9.0	0.0	0.1-3.0	3.1-6.0	6.1-9.0	>9.0	0.0	0.1-3.0	3.1-6.0	6.1-9.0	>9.0	0.0	0.1-3.0	3.1-6.0	6.1-9.0	>9.0
Lerwick	6	12	8	2	3	5	13	8	2	3	6	10	5	9	0	16	10	2	3	0	8	15	7	0	0	17	12	2	0	0
Stornoway	6	17	4	3	1	6	13	4	6	2	5	9	7	8	1	7	10	9	5	0	8	18	3	1	0	15	15	1	0	0
Craibstone	1	14	6	5	5	3	17	6	2	3	1	10	6	9	4	12	9	6	3	1	9	10	6	5	0	10	14	7	0	0
Leuchars	0	10	8	5	8	3	7	12	6	3	1	8	3	13	5	12	6	7	5	1	7	10	9	4	0	10	12	9	0	0
Abbotsinch	2	15	7	3	4	3	8	7	9	4	4	9	2	14	1	9	11	8	3	0	15	9	3	3	0	16	8	7	0	0
Eskdalemuir	4	13	6	4	4	4	8	12	4	3	6	6	7	9	2	13	9	7	2	0	15	6	7	2	0	14	9	7	1	0
Boulmer	0	9	8	9	5	2	9	7	6	7	1	11	5	3	10	10	9	5	7	0	6	9	8	7	0	9	13	9	0	0
Gorleston	0	7	8	10	6	1	6	7	13	4	2	3	5	12	8	4	12	5	9	1	9	9	4	8	0	11	12	8	0	0
Cambridge (N.I.A.B.)	0	10	7	7	7	0	8	10	9	4	3	3	8	7	9	4	10	7	8	2	10	10	6	4	0	9	12	9	1	0
Finningley	0	11	8	7	5	2	8	7	11	3	0	9	8	8	5	7	11	7	5	1	7	12	9	2	0	7	15	8	1	0
Elmdon	1	9	6	9	6	0	12	6	8	5	3	8	5	6	8	7	7	8	8	1	8	10	8	4	0	9	13	7	2	0
Kew	0	8	10	8	8	0	7	9	8	7	2	5	6	9	8	4	7	11	7	2	9	12	5	4	0	9	12	9	1	0
Southampton	0	5	9	6	11	2	5	7	12	5	2	6	8	6	8	3	7	14	6	1	12	6	4	8	0	10	9	11	1	0
Hastings	1	5	10	3	12	0	8	3	12	8	4	5	3	8	10	5	8	11	4	3	11	4	7	8	0	11	11	8	1	0
Squires Gate	1	10	6	7	7	1	10	7	3	10	4	7	5	9	5	3	13	7	7	1	10	14	4	2	0	12	12	6	1	0
Douglas	3	10	8	7	3	2	8	4	8	9	3	11	7	5	4	4	12	7	4	1	10	9	8	3	0	11	13	6	1	0
Valley	0	8	13	2	8	0	10	9	1	11	3	7	7	9	4	7	12	8	4	3	8	14	5	3	0	10	14	7	0	0
St. Mawgan	0	12	4	3	12	4	7	5	4	11	9	2	4	6	9	4	10	11	4	2	10	7	12	1	0	12	11	5	3	0
Aldergrove	0	19	7	2	3	2	11	7	7	4	3	12	7	4	4	5	13	8	4	1	13	5	10	2	0	11	16	4	0	0
Armagh	0	18	7	4	2	1	14	7	7	2	5	11	5	8	1	4	14	9	3	1	10	9	10	1	0	10	17	4	0	0



Table 12 Number of days with rainfall between given limits during 1979

Station	0.0 - 0.1mm	0.2 - 1.0mm	1.1 - 5.0mm	5.1 - 10.0mm	10.1 - 15.0mm	15.1 - 20.0mm	20.1 - 25.1mm	over 25.1mm	Station	0.0 - 0.1mm	0.2 - 1.0mm	1.1 - 5.0mm	5.1 - 10.0mm	10.1 - 15.0mm	15.1 - 20.0mm	20.1 - 25.1mm	over 25.1mm
Lerwick	86	65	102	61	32	11	5	3	Bradford	171	49	78	36	16	11	3	1
Stornoway	91	66	125	53	23	4	2	1	Elmdon	185	55	88	21	9	4	0	3
Nairn	138	86	110	22	7	2	0	0	Preston Wynne	178	65	83	20	12	3	3	1
Craibstone	148	62	94	35	14	4	4	4	Kew	189	55	75	29	10	3	2	2
Leuchars	174	74	80	25	5	3	3	1	Southampton	193	45	72	34	9	8	3	1
Abbotsinch	142	58	89	45	14	9	3	5	Hastings	197	47	64	39	9	6	2	1
Rothsay	138	32	101	47	21	12	6	8	Squires Gate	162	50	88	45	15	1	2	2
Eskdalemuir	112	57	99	43	23	14	9	8	Aigburth	167	58	83	38	14	1	2	2
Boulmer	184	53	82	30	8	6	1	1	Douglas	159	62	71	40	18	10	2	3
Durham	173	66	79	27	13	3	2	2	Valley	159	64	83	32	16	6	1	4
Scarborough	182	73	53	31	16	7	3	0	Aberporth	158	59	85	33	19	7	1	3
Cranwell	192	58	75	22	13	3	1	1	Long Ashton	170	49	81	38	18	3	2	4
Gorleston	214	43	73	26	5	2	1	1	St. Mawgan	132	65	94	39	22	7	3	3
Cambridge (Botanic Gardens)	188	55	87	25	2	4	0	0	Aldergrove	125	70	113	37	11	5	2	2
Shoeburyness	203	50	76	24	9	2	1	0	Armagh	122	80	110	36	13	2	0	2

Table 2 Additions and Corrections

Year, Month and Station	Daily global irradiation on a horizontal surface (megajoules per square metre)						Daily diffuse irradiation on a horizontal surface (megajoules per square metre)					
	Max.	Date	Min.	Date	Daily Mean	No. of Days	Max.	Date	Min.	Date	Daily Mean	No. of Days
<b>1979</b>												
<b>January</b>												
Eskdalemuir			0.6	20								
Moor House				18								
Aberporth	6.1	27		7			3.0	31				
Cardington	6.1	27	0.7	19	2.8	29	3.6	31	0.7	19	1.7	29
Silsoe	5.6	1	0.5	19, 22	2.6	31	3.7	28	0.4	19, 22	1.7	31
Rothamsted	3.9	27	0.3	22	1.7	31						
Garston	6.4	13	0.5	14, 22	2.8	31						
Easthampstead					3.0	30						30
Jersey Airport											2.2	31
Aldergrove									0.3	11		
<b>February</b>												
Lerwick			0.4	19								
Eskdalemuir	9.8	23				28					2.8	28
Cardington									0.7	1		
Rothamsted	7.1	25	0.4	1	2.6	28						
Garston	9.9	26	0.7	1	3.9	28						
Wallingford	9.6	26										
Kew			0.7	1								
Easthampstead	11.1	25	0.6	1	4.0	27						26
<b>March</b>												
Eskdalemuir									1.1	8		
Aberporth							19					
Rothamsted	11.1	21	1.2	8, 16	4.3	31						
Easthampstead				13						13	4.3	29
East Malling			1.3	15	7.5	30						
Wareham	22.6	20	1.6	14	8.3	31						
Jersey Airport	19.9	23										
Aldergrove	17.3	23			7.5	30					4.6	30
<b>April</b>												
Lerwick					10.4	28	10.0	28				28
Aberdeen University					10.7	29						
More House	20.0	30										
Cardington	24.7	30			11.3	30			3.3	8	7.5	30
Rothamsted	13.1	18	1.9	8	7.0	30						
Garston												
Jersey Airport					15.4	29					8.8	29
Aldergrove	20.5	26			11.6	30			2.4	9		30
<b>May</b>												
Lerwick					12.9	30					8.4	30
Eskdalemuir									4.4	14	8.8	31
Rothamsted	17.0	14	1.8	20	10.3	31						
Garston												
Kew					16.6	29	13.1	27			9.0	29
Aldergrove					16.0	31					9.5	31



Year, Month and Station	Daily global irradiation on a horizontal surface (megajoules per square metre)						Daily diffuse irradiation on a horizontal surface (megajoules per square metre)					
	Max.	Date	Min.	Date	Daily Mean	No. of Days	Max.	Date	Min.	Date	Daily Mean	No. of Days
June												
Eskdalemuir							14.5	20				
Moor House					16.7	30						
Rothamsted	17.8	22	4.8	12	10.5	30						
Garston	28.4	22										
Kew	28.7	22	5.9	12	15.4	30	15.0	23				
Easthampstead	28.6	22										
Wareham			3.2	27	16.2	30						
Jersey Airport			7.0	4	21.8	25	16.6	30	5.0	24	10.9	25
July												
Lerwick			1.1	31	12.7	30			1.0	31	9.0	30
Eskdalemuir					14.2	29					9.8	29
Moor House					13.4	28					11.5	31
Cardington					17.8	31						
Rothamsted	17.0	5	5.2	23	11.1	31						
Kew	25.9	12	6.9	19	16.8	31	14.1	8	6.7	29	10.9	31
Easthampstead	25.7	14	7.2	19	17.6	30	14.3	4	6.9	19	11.0	30
Jersey Airport					22.1	29						29
Aldergrove	26.4	12									10.1	31
August												
Lerwick					11.0	25	10.5	15		17	7.6	23
Eskdalemuir							17.0	9				
Moor House			3.3	17		30						
Aberporth				16	14.0	20					8.1	20
Cardington			7.1	18					4.4	28		
Silsoe					14.8	30						
Rothamsted	13.4	28	3.2	13	8.6	31						
Kew	20.7	28	6.0	17	13.8	31	11.5	4	4.3	28	8.3	31
Easthampstead					14.2	30						
Wareham												
September												
Lerwick	13.0	11	2.0	6	8.3	23			2.0	6	5.4	23
Eskdalemuir								5				
Moor House	17.8	5	1.1	25	8.7	30						
Aberporth					10.9	24	9.3	14			6.0	24
Cardington	17.1	16			11.5	28						
Rothamsted	11.6	5	1.8	18	7.5	30						
Kew			2.8	19	12.3	29	8.5	1	2.6	19	5.8	29
Easthampstead	18.6	5	3.1	19	11.7	30	8.8	4	2.8	16	5.6	30
East Malling		11										
Wareham												
October												
Lerwick									0.2	5		
Moor House					4.8	31						
Rothamsted	7.6	5	0.5	10	4.0	31						
Garston	11.9	5	0.7	10	6.3	31						
Kew			1.1	10	6.8	31					4.0	31
Easthampstead			1.0	10	6.9	31						
East Malling	9.9	5	1.4	25	5.9	31						
Aldergrove	9.4	9			5.1	29			0.6	26	3.4	28
November												
Moor House	6.1	12	0.2	25	2.4	30						
Cardington									0.8	16		
Rothamsted	4.8	2	0.5	16	2.0	30						
Garston	6.9	2	0.7	26	2.9	30						
East Malling	7.3	2	0.2	14	3.0	30						
Aldergrove	5.6	1										
December												
Moor House	3.5	30	0.2	17	1.3	31						
Rothamsted	2.5	25	0.1	27	1.3	31						



Year, Month and Station	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 (%)	mean	oktas						0.39m	40-190m	200-390m	400-990m	1000-1900m	2000-3900m	4-9 km	10-19 km	20-39 km	40 km or over	34 or more	8 or more	6-7	4-5	1-3	calm	N	NE	E	SE	S	SW	W	NW																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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