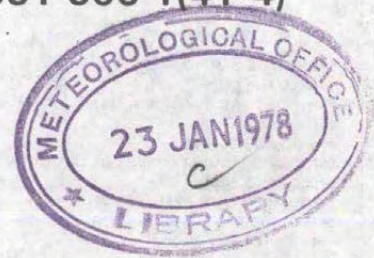


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THE METEOROLOGICAL OFFICE

**MONTHLY
WEATHER
REPORT**

VOLUME 93

1976

LONDON

HER MAJESTY'S STATIONERY OFFICE

FILED

Climatological District Map

showing:—

A DISTRICTS (LARGE FIGURES)

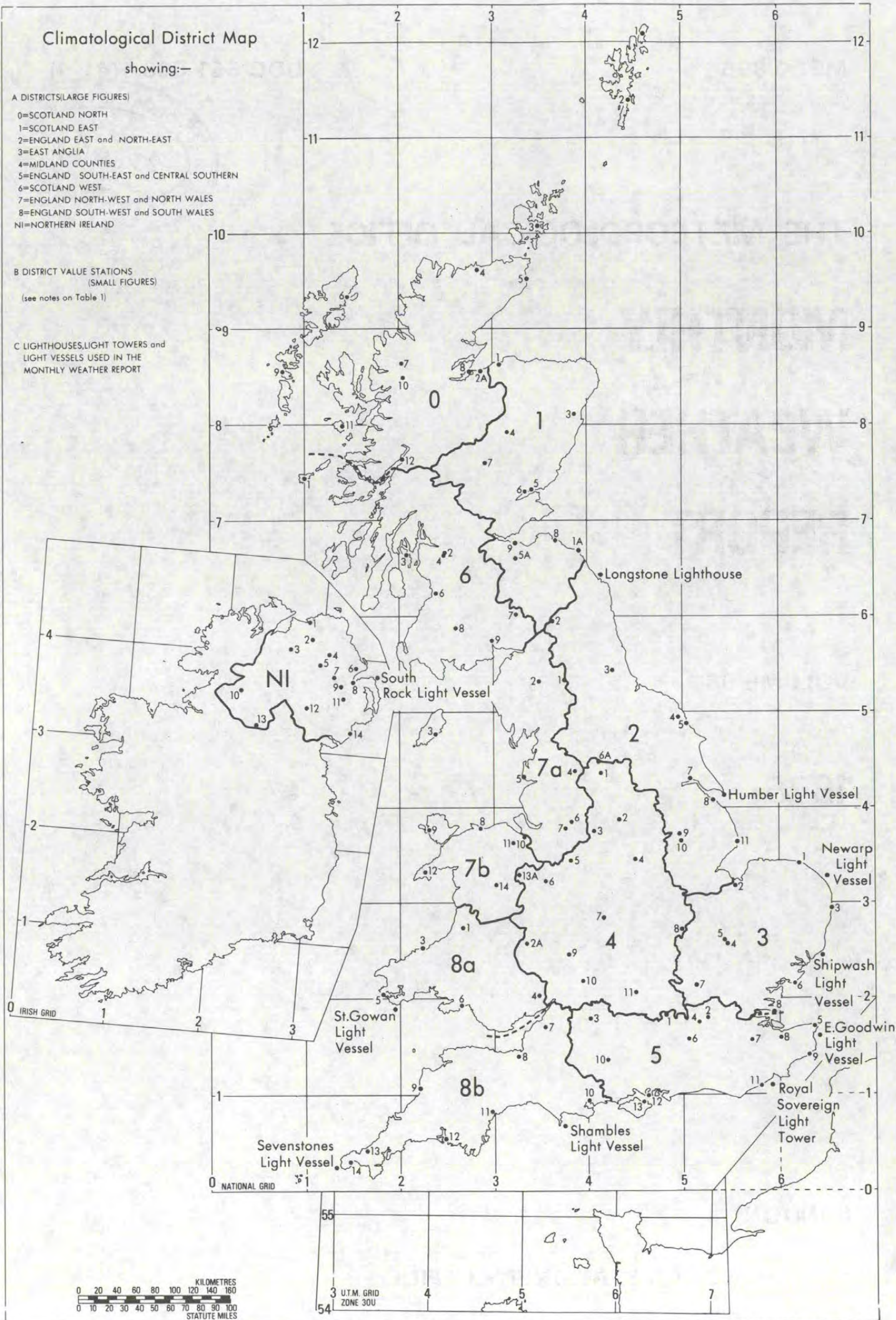
- 0=SCOTLAND NORTH
- 1=SCOTLAND EAST
- 2=ENGLAND EAST and NORTH-EAST
- 3=EAST ANGLIA
- 4=MIDLAND COUNTIES
- 5=ENGLAND SOUTH-EAST and CENTRAL SOUTHERN
- 6=SCOTLAND WEST
- 7=ENGLAND NORTH-WEST and NORTH WALES
- 8=ENGLAND SOUTH-WEST and SOUTH WALES
- NI=NORTHERN IRELAND

B DISTRICT VALUE STATIONS

(SMALL FIGURES)

(see notes on Table 1)

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



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2. The second part is a detailed account of the work done on the various projects.

3. The third part is a summary of the results of the work done during the year.

4. The fourth part is a list of the publications of the year.

5. The fifth part is a list of the names of the persons who have assisted in the work.

6. The sixth part is a list of the names of the persons who have assisted in the work.

7. The seventh part is a list of the names of the persons who have assisted in the work.

8. The eighth part is a list of the names of the persons who have assisted in the work.

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19. The nineteenth part is a list of the names of the persons who have assisted in the work.

20. The twentieth part is a list of the names of the persons who have assisted in the work.

21. The twenty-first part is a list of the names of the persons who have assisted in the work.

22. The twenty-second part is a list of the names of the persons who have assisted in the work.

23. The twenty-third part is a list of the names of the persons who have assisted in the work.

Introduction

The *Monthly Weather Report* summarizes weather observations made at about 600 stations throughout the United Kingdom. Particulars of the standards required by the Meteorological Office and the methods to be adopted in making the observations are given in the *Observer's Handbook**. In addition to many other data, the Report contains almost all the items recommended in the World Meteorological Organization's *Guide to Climatological Practices* for inclusion in publications of climatological data.

The Introduction to the *Monthly Weather Report* is published separately at the end of the year to which it refers and forms an explanatory part of the volume. It gives particulars of any changes made since the previous year both in the observations and in the stations completing returns. It also provides informative notes on the features contained in the Report and gives advance notice, as necessary, of projected changes. Every 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, interpolation

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

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

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

When observations for any station are incomplete it 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.

Contents of the Monthly Weather Report

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

Remarks on the weather

Remarks are given on the prominent features of the weather over the United Kingdom. It should be noted that the term 'sleet' is used when snow occurs with rain or drizzle.

Table 1 District values

Although the system of using the mean of statistics of a selection of stations to represent district values was initiated in the *Weekly Weather Report* in 1878, it was introduced in the *Monthly Weather Report* only in 1908. At first the district values were given in the table of station summaries, but in 1912 they were transferred to a special table called 'District Values' which, in 1914, was numbered Table 1. Elements at first included in this table were air temperature, earth temperature, sunshine, rainfall, cloud amount and pressure at MSL for the Districts 0 to 11. Districts 0 to 8 approximated to the present districts. Districts 9 and 10 (north and south Ireland respectively) and District 11 (English Channel) continued until 1940; in 1941 Northern Ireland, as a separate unnumbered district, was added to Districts 0 to 8. Notable changes during the evolution of this table occurred in the following years: 1928 when data for pressure and cloud were discontinued; 1941 when the table assumed substantially its present form; 1964 when data for the whole of Scotland and the whole of England and Wales were included (although the percentages of average rainfall, based on data from a larger number of stations than those used in the individual districts, had appeared regularly in the text since 1921); 1971 when the individual district values of percentages of average rainfall were also calculated using a larger number of stations, and data for earth temperature at 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, county and regional 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 Stations only. The differences from average of air temperature, earth temperature and number of rain days, also the percentage of average sunshine for each district, are the means of the corresponding values for each District Value Station. In order to obtain a representative areal average, percentages of average rainfall in each district are the means of the corresponding values for a larger number of stations than the District Value Stations used for the other elements. The number varies with district from 28 in the Midland Counties to 11 in Northern Ireland and includes some which report rainfall only. Details of the stations used may be obtained on request. The values given in the table for Scotland and for England and Wales are the means of the values for the several districts within these countries. Since January 1974, 1941-70 averages for each of the District Value Stations, weighted where records are incomplete, have been used to compute anomalies of the various climatic elements in Table 1; these averages may be obtained on request.

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

The stations are numbered to show their position on the map (frontispiece).
Stations marked A are those included in an adjacent instead of in their normal district.
Stations which appear in two districts are numbered in their normal district only.

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 distribution of mean daily bright sunshine is given in hours per day. 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 and illumination

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 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, and data for other stations were added. The table was renumbered Table XIII in 1957 and Table 2 in 1971. From January 1977 the word 'total', referring to both solar radiation and illumination on a horizontal surface, will be replaced by the word 'global': this alteration implies no change in the method of measurement, but will merely bring the nomenclature into line with current WMO practice.

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

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

From January 1977 the 'Bracknell' station will be 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 () have been prepared using estimates to replace missing data. Values of averages used in this table may be obtained on request.

Height of Station. As intimated earlier in the note on heights, the height given in the third column of the table refers to the ground on which the rain-gauge stands. In general it may be assumed that observations of other elements, with the occasional exception of sunshine, are made in the immediate

vicinity of the rain-gauge. A notable exception occurs at Ventnor where all observations other than rainfall are made at 60 metres (m) above MSL.

Air Temperature. 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; the entries in columns four and five refer to periods of 24 hours ending at 09 h, the mean temperature in column six is calculated from these values, and the extremes in columns eight and ten are 24-hour extremes. A maximum temperature read at 09 h is always credited to the previous day. When the entry in the second column is 21-9, the thermometers are read twice each day; the entries in columns four and five are the day maximum and the night minimum respectively, the mean temperature in column six is again calculated from these values, but the extremes in columns eight and ten refer to periods of 24 hours ending at 09 h. The extreme values at the two types of station are thus fully comparable, but as the monthly means are calculated from maxima and minima read at different times, these are not strictly comparable.

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

Earth Temperature. Measurements of earth temperature are taken at 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 the interior.

Rainfall. The rainfall total includes water derived from all forms of precipitation collected in the rain-gauge, i.e. from dew, fog, hoar frost and rime, as well as from rain, drizzle, sleet, snow and hail. 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) during which the total precipitation is at least 0.2 millimetre (mm) and again when it is at least 1.0 mm is counted. A 'trace' of precipitation (less than 0.05 mm) is excluded by the lower limit and thus most occasions on which precipitation is wholly in the form of dew are excluded.

Snow or sleet: Every day when snow or sleet (rain or drizzle and snow) is observed to fall at any time between midnight and midnight is counted even though the quantity is so small that no measurable precipitation is collected in the rain-gauge.

Snow lying at 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 30 m 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 5 mm or more falling either separately or agglomerated into irregular lumps, and the day is between midnight and midnight.

Ice pellets, etc: A day of ice pellets, etc. is counted if, during a period midnight to midnight, any of the following occur: diamond dust (formerly called ice prisms) or snow grains, snow pellets or ice pellets less than 5 mm in diameter.

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

Fog at 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 either 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 thermometer having been set and exposed at 21 h or soon after sunset the previous evening or, at stations where this is not possible, at 09 h the previous day. The time of setting the thermometer should not vary from day to day and the temperature is credited to the day of reading. The grass minimum temperature refers either to the 24-hour period 09 h to 09 h or to the shorter period covering the night, for example, sunset to 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 knots (kt) (force 8 on the Beaufort Scale) over a period of at least several minutes (10 minutes in the case of a station equipped with an anemograph) during the period midnight to midnight.

Sunshine: The sunshine recorder is generally insensitive to sunshine when the sun is at an 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 21 h) 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. The atmospheric pressure is expressed in millibars (mb); 1 mb = 100 newtons per square metre (1000 dynes per square centimetre). Barometer readings are corrected for local conditions of gravity, temperature and elevation so as to obtain values of air pressure at MSL. The average of atmospheric pressure at MSL at 09 h used in this table refer to the period 1941-70 and are given in Climatological Memorandum No 51A obtainable from the Meteorological Office.

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

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

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

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

For the year as a whole this table has been published in the *Monthly Weather Report* since the summary for 1913 and has also appeared monthly since January 1956. Data for about 20 selected stations are given in the table which, in 1913, was called Table IV and, after three years as Table VIII, it became Table IX from 1917 to 1951. The table reverted to Table VIII in 1952 and it was 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 09 h 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 having 366 hours or more missing during a year were not summarized in the annual table and in 1923 this limit was raised to 500 hours. No such limitation appears to have been placed on monthly data, but from 1922 some records described as 'defective' were not published. From 1954 no monthly summaries were published of records with more than 80 hours missing. From the same year entries in the columns headed 'highest velocities' in both monthly and annual tables were placed in parentheses () - which were changed to square brackets [] in 1966 - if it was thought that these values might have been exceeded during a period of defective or missing record. From 1971 the criteria 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 80 hours or less, but there were 40 or more consecutive hours of missing or estimated data.The 80 and 40 hours correspond broadly to 10 per cent and 5 per cent of the month and such a loss is considered acceptable.
2. The distribution of hourly mean values of wind speed 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 800 hours or less, but there were 400 or more consecutive hours of missing or estimated data.
3. The mean hourly wind speed for the month is computed by dividing the sum of the actual and estimated hourly mean wind speeds by the total number of hours for which the data were summed. 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, providing only that the values were deemed (by a comparison with neighbouring stations) as being unlikely to have 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. An entry of 'Defective record' means that some data are available, but for various reasons, which include those stated in 1 and 2, they have not been summarized.

The classification of surface wind speed is based on the Beaufort scale of wind force which ranges from 0 representing no wind to 12 representing hurricane force (see *Observer's Handbook*, 3rd Ed, pages 82 and 83). The equivalent speeds given in the Beaufort scale apply only to an anemograph complying with the exposure specification 'head 10 m above ground in the open'. The table includes some information concerning the actual exposure of the instrument at each station. 'Height of vane' refers to the height of the wind-speed sensor, that is, the vane of a pressure-tube anemograph or the cups of an electrical anemograph. Effective height is the height over open level terrain in the vicinity of the anemograph at which, it is estimated, the same mean wind speeds as those actually recorded would occur. In the columns headed 'number of hours' under the general heading 'distribution of hourly mean values of wind speed' the entries refer to the number of 60-minute periods beginning at exact hours in each of which the mean wind speed (not adjusted to an effective height of 10 m) was between the stated limits. These column limits are the equivalent speeds given in the Beaufort scale and correspond to wind speeds (meaned over an hour) of Force 8 and above (gales), Forces 7 and 6 (strong winds), Forces 5 and 4 (moderate breezes), Forces 3 and 2 (light breezes) and Forces 1 and 0 (calm or nearly calm). The 'highest hourly wind' refers to a period of 60 minutes beginning at an exact hour. The directions shown in the columns headed 'veer from N' are the directions (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 number of hours of gusts has resulted in a slight change in the statistic. Up to and including December 1972, the number of hours of gusts in any windy period was determined by considering the interval of time between the first gust and the last gust to exceed the threshold. From January 1973 the tabulation has included the number of 60-minute periods beginning at exact hours during which gusts above the relevant threshold have occurred. Thus, the new procedure yields slightly higher values of the number of hours of gusts than did the old procedure. An investigation was undertaken to obtain empirical relationships between the old and new statistics and details can be made available on request.

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

A similar table to this appeared in 1908 as an appendix to the *Weekly Weather Report* and was transferred to the *Monthly Weather Report* in 1914 as Table XV. In 1919 and 1920 and from 1923 to 1951 the table number was XIV. In 1952 it was 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 summary for the year and dates from 1913 when, as Table 1, it gave the temperature and date of the coldest day (lowest maximum temperature) and warmest night (highest minimum temperature) in the year at as many stations as possible. In 1914 it became Table V and contained, in addition to the above data, similar details of the coldest night (lowest minimum temperature) and warmest day (highest maximum temperature) in the year. In 1969 the table assumed its present title and in 1971 it was renumbered as Table 10.

For those stations at which extreme temperatures are read at both 09 and 21h 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

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

Stations completing climatological returns

This section contains amendments to the complete list of stations published in the Introduction to the *Monthly Weather Report* in 1975. Stations are categorized into the following types:-

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

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

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

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

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

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

Sun. These stations record duration of bright sunshine.

Additions

Station (Region/County)	Type	First published in MWR	Lat.	Long.	Grid Reference	Authority
<i>Achany</i> (Highland)	C	Not publ.	57 58N	04 27W	NC-566017	North of Scotland College of Agriculture
<i>Altaveedan</i> (Tyrone)	C	Not publ.	54 21N	07 15W	IH-487451	Department of the Environment
<i>Andersonstown</i> (Belfast)	C	Not publ.	54 34N	05 58W	IJ-296722	Mr. M. Cafolla
<i>Astwood Bank</i> (Hereford & Worcester)	C	Not publ.	52 15N	01 56W	SP-045611	Mr. D. Payne
<i>Betws-y-Coed</i> (Gwynedd)	C	Not publ.	53 06N	03 47W	SH-803572	Drapers Field Centre
<i>Bidston</i> (Merseyside)	C	Not publ.	53 24N	03 04W	SJ-287898	Institute of Oceanographic Sciences
<i>Blackwall</i> (Greater London)	SbA	Not publ.	51 31N	00 01E	TQ-394807	Trinity House
<i>Bonchester Bridge</i> (Borders)	C	Not publ.	55 24N	02 39W	NT-587115	Forestry Commission
<i>Butser, Hillhampton</i> (Hampshire)	C	Not publ.	50 58N	00 59W	SU-717187	Butser Ancient Farm Project
<i>Carnlough</i> (Antrim)	C	Not publ.	54 54N	05 57W	ID-285170	Belfast Education & Library Board
<i>Cenarth</i> (Powys)	Sb	Not publ.	52 32N	03 32W	SN-957772	Mr. T.I. Evans
<i>Chatham South</i> (Kent)	C	Not publ.	51 22N	00 31E	TQ-757659	Chatham South Secondary School
<i>Crewkerne</i> (Somerset)	C	Not publ.	50 53N	02 47W	ST-448103	Wadham School
<i>Diabaig</i> (Highland)	C	Not publ.	57 35N	05 41W	NG-794603	Highland River Purification Board
<i>Forehill</i> (Grampian)	C	Not publ.	57 30N	01 50W	NK-095463	Grampian Regional Council
<i>Hazelrigg</i> (Lancashire)	C	Not publ.	54 01N	02 47W	SD-493578	Lancaster University
<i>Herstmonceux</i> (East Sussex)	Sa	Not publ.	50 52N	00 20E	TQ-645099	Meteorological Office
<i>Hurstpierpoint</i> (West Sussex)	C	Not publ.	50 57N	00 10W	TQ-292174	Hurstpierpoint College
<i>Lethamhill Farm</i> (Northumberland)	C	Not publ.	55 39N	02 06W	NT-936389	Ford & Etal Estates
<i>Little Butser</i> (Hampshire)	C	Not publ.	50 59N	00 59W	SU-719209	Butser Ancient Farm Project
<i>Moulton Park</i> (Northamptonshire)	C	Not publ.	52 16N	00 53W	SP-765644	Nene College
<i>Preston Montford</i> (Salop)	C	Not publ.	52 43N	02 50W	SJ-432144	Preston Montford Field Centre
<i>Silent Valley</i> (Down)	C	Not publ.	54 07N	06 00W	IJ-305216	Department of the Environment
<i>Sheffield, Dore</i> (South Yorkshire)	C	Not publ.	53 20N	01 32W	SK-309817	Mr. S.T. Whitaker
<i>Sparsholt</i> (Hampshire)	C	Not publ.	51 05N	01 25W	SU-427319	Hampshire College of Agriculture
<i>Spurn Point</i> (Humberside)	Sb	Not publ.	53 34N	00 07E	TA-399108	Department of Trade & Industry
<i>Torrisdale</i> (Highland)	C	Not publ.	58 31N	04 17W	NC-674621	Maj. L.C.S. Spray
<i>Trowbridge</i> (Wiltshire)	C	Not publ.	51 19N	02 13W	ST-845583	Dr. G.T. Meaden

Since January 1976 fuller climatological data have been published for the Weather Centres at Glasgow, Newcastle, Manchester, London and Southampton. It should be noted, however, that exposures at these stations are non-standard, especially with regard to temperature and rainfall, since the readings are taken at urban roof sites.

Deletions (stations closed or ceased sending returns)

Ashintully Castle	Haverfordwest	Pitlochry
Bailrigg	Heversham	Portadown
Berwick Grammar School	Killough	Poulton-le-Fylde
Ceinws	Kilmarnock	St Austell
Coire Cas Shieling	Kilnsea	Salsburgh
Contin	Larne	Shaftesbury
Corbridge	Letchworth	Southend
Costessey	Little Rissington	Stenness
Cottesmore	Llandrindod Wells High School	Strathy
Crianlarich	Loch Oich	Throwley
Dundurn	Mackworth	Troon
East Dereham	Middleton Camp	Wauchope
Glenceitlein	Nelson	West Raynham
Gleneagles	Newton Abbot	Winnington
Gordon Castle		Wrexham

Changes in station details

Change of Type:-

Dover	CA to A	November 1976
Hampton	CA to C	October 1976
Lyneham	Sa to SaA	November 1976
Oxford	C to CA	December 1976
Thorney Island	SaA to A	November 1976

Change of Authority:-

Banff	—	Grampian Regional Council
Castle Archdale	—	
Forest	—	Grassland Experimental Centre
Cromer	—	North Norfolk District Council
Edinburgh	—	
East Craigs	—	Department of Agriculture & Fisheries
Glenrothes	—	Glenwood High School
Keith	—	Grampian Regional Council
Marchmont	—	Mr. R.L. McEwan
Rothsay	—	Mr. A. Dykes
St. Andrews	—	North East Fife District Council
Stonehaven	—	Grampian Regional Council

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MONTHLY WEATHER REPORT

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

JANUARY 1976

VOLUME 93

NUMBER 1



Mainly mild at first, very cold later; often windy.

After the first few days of the month, when depressions crossed central and northern districts (that on the 2nd was particularly intense), low-pressure centres were generally well to the north of Scotland. Frontal troughs continued to affect all areas at times, but pressure was often high to the south and a separate centre formed over south-western districts around mid month. By the 19th, the Azores anticyclone had receded and from the 24th to 26th the mainly westerly airflow became northerly. An anticyclone began to build over Scandinavia on the 28th and a south-easterly airstream from the continent soon covered the British Isles. A front associated with a depression in Biscay affected south-western England on the 30th.

Weather

Most districts had wet weather during the first week of the month, there was snow in the north, and severe gales swept across the United Kingdom on the 2nd. Rain, wintry showers and local gales continued to affect northern areas and spread to many districts from the 18th; thunder was reported in the north. It became very cold between the 24th and 26th with heavy falls of snow in the north and east. After a short break cold weather returned towards the end of the month and heavy snowfall occurred on Dartmoor.

Wind

The gale on the evening of the 2nd was one of the most severe to affect the British Isles this century. At least 23 deaths were caused, public services were widely disrupted, and the total national damage was estimated to be between £50 million and £100 million. Many stations reported gusts above 70 kt and a number of new records were established: the high level station at Lowther Hill (Strathclyde) recorded a gust of 116 kt and at Wittering (Cambridgeshire) the wind gusted to 91 kt. Both the gust and hourly mean speeds over the south and east Midlands reached a level likely to be exceeded on average only once in 40 years. The gale was followed by a tidal surge along the east coast, but the sea defences were breached in relatively few places, mainly in Humberside and north Norfolk. During the month as a whole, fresh or strong winds occurred frequently on exposed western and northern coasts, reaching gale force locally; gales returned to many areas between the 19th and 22nd, but although these were severe in places, they did not match the severity of the gale on the 2nd. Wind directions during the month were generally between south-west and north-west, but there was a short northerly spell from the 24th, and from the 28th winds were mainly south-easterly.

Temperature

Although the end of the month was very cold, monthly mean temperatures were above average almost everywhere, ranging from 2 to 3 degC above normal in inland areas of England and southern Scotland and from 1 to 2 degC above normal in most other districts: only in Shetland and the extreme north-west of Scotland were mean temperatures below average.

Although many districts had mild weather during the first three weeks, a number of places in northern and eastern Scotland had their coldest night of the month on the 1st/2nd, when Braemar (Grampian Region) recorded -13.0°C. Temperatures exceeded 14°C, however, at several places in south-west England on the 2nd, and in Scotland the temperature rose to 15.1°C at Stonehaven (Grampian Region) on the 11th. Cold conditions spread to almost all districts by the 24th and the rest of the month was often very cold, the temperature falling to -10.6°C at Honington (Suffolk) on the night of the 27th/28th. Frost occurred most frequently in inland areas in the north.

Rainfall (including melted snow)

Monthly rainfall totals were above average almost everywhere in Northern Ireland and over most of Scotland, except in the south-east and in a fairly wide strip extending southwards from Aberdeen. Elsewhere in Scotland totals generally ranged from 100 to 150 per cent of average, but increased towards the north to around 250 per cent of normal in a band from the shores of the Moray Firth to Wester Ross. Parts of North Wales and much of northern England, except for the north-east, were also wetter than usual, with totals exceeding 150 per cent of average in a few places on the western side of the Pennines. In general, however, rainfall totals decreased southwards and were less than half the normal south of a line from South Wales to the Naze (Essex); a number of places in southern England had less than 20 per cent of their usual rainfall. The month started wet everywhere, Ysppyty-lfan (Gwynedd) recording 124 mm in the 24 hours from 1545 GMT on the 1st. Precipitation occurred on almost every day of the month in north and north-west Scotland, but southern districts of England and Wales were often dry between the 7th and 17th. Most areas had rain or wintry showers from the 18th to 26th, but the rest of the month, except in the south-west, was mainly dry.

Snow

Snow or sleet fell mainly in Scotland and over high ground in northern England and Wales during the first week, but occurred in many districts from about the 20th. Heavy falls of snow in Scotland and north-east England on the 24th soon spread southwards, particularly affecting eastern counties until the 26th. Heavy snowfall occurred on Dartmoor on the 30th. Undrifted depths of 20 to 25 cm were reported during the month in the Scottish mountains, and in eastern counties of England one or two places measured undrifted depths of at least 20 cm. Snow lay on high ground during snowy periods and throughout the month on the slopes of the higher Scottish mountains.

Sunshine

Monthly sunshine totals were near or above average in south-east England, in much of central and eastern England and in south-west Scotland and the central lowlands. The London area, with about 180 per cent of average, had the most sunshine. Elsewhere, totals were generally between 50 and 100 per cent of the normal, but the Northern Isles, one or two places on western coasts, and the Channel Isles had only about half their January average. Long sunny periods occurred most frequently in southern and south-eastern England towards the end of the month.

Fog

Fog occasionally formed on coasts and hills, mainly in the north and west and sometimes in precipitation. Patches of overnight fog developed in inland areas on one or two occasions, but dispersed by mid morning: freezing fog patches in extreme eastern England early on the 28th also soon cleared.

Miscellaneous Phenomena

The aurora was observed in Scotland on 5 nights.

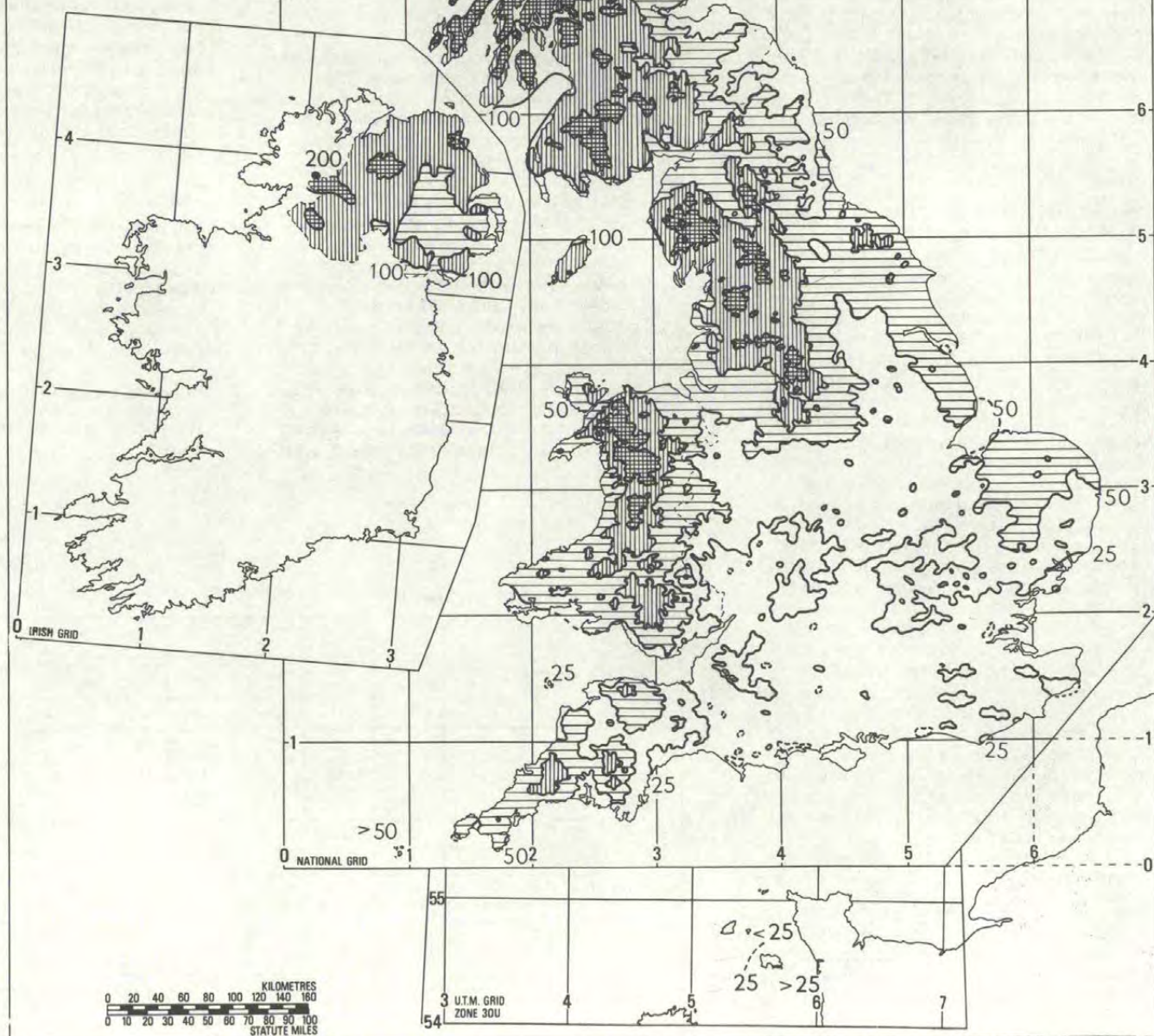
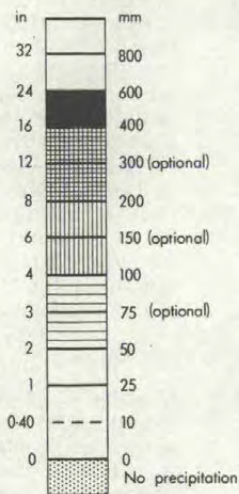
Table 1 District values

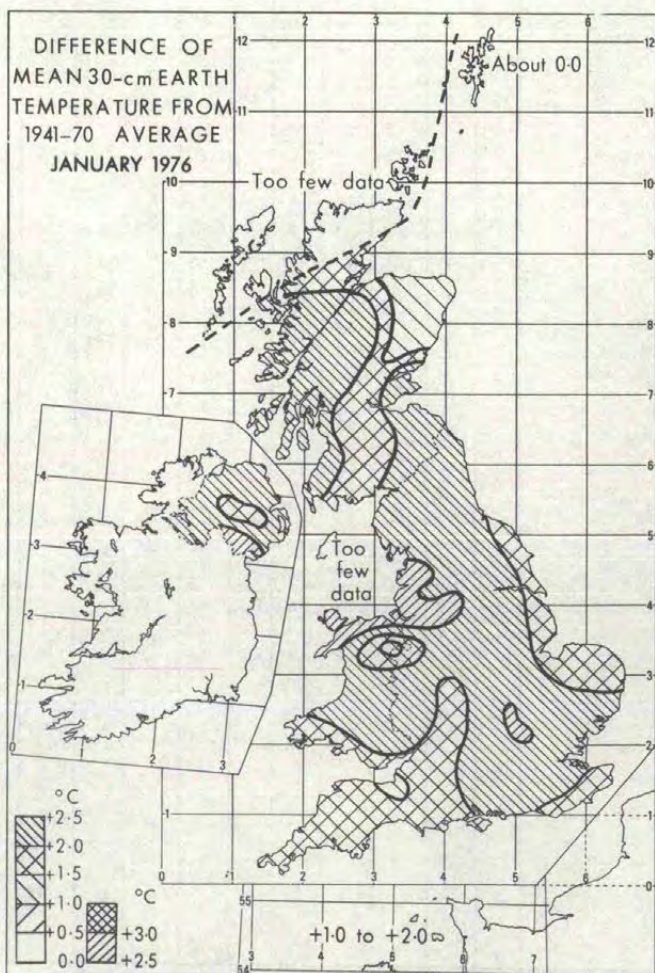
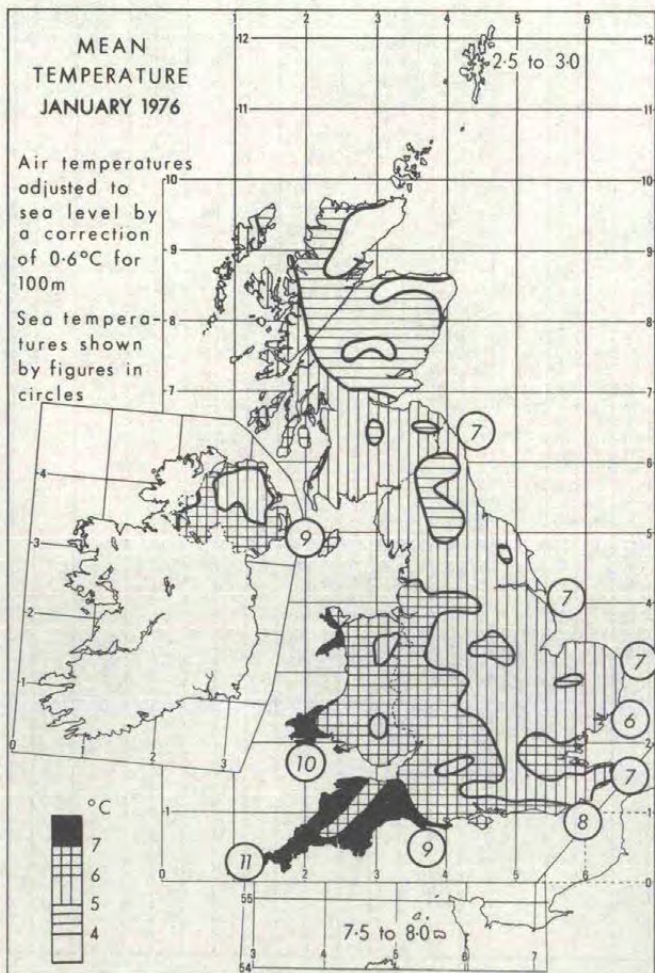
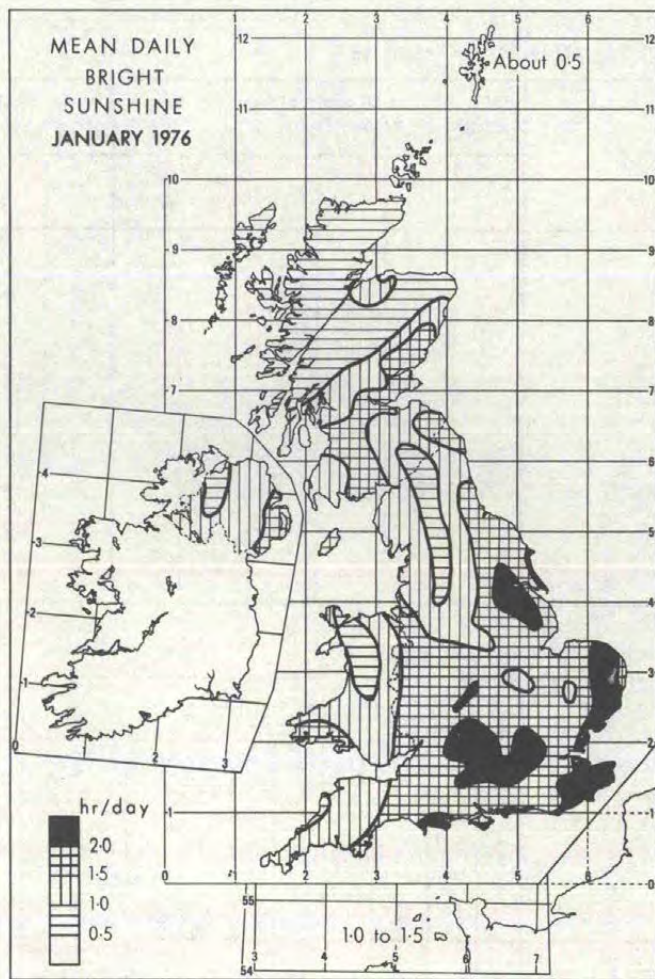
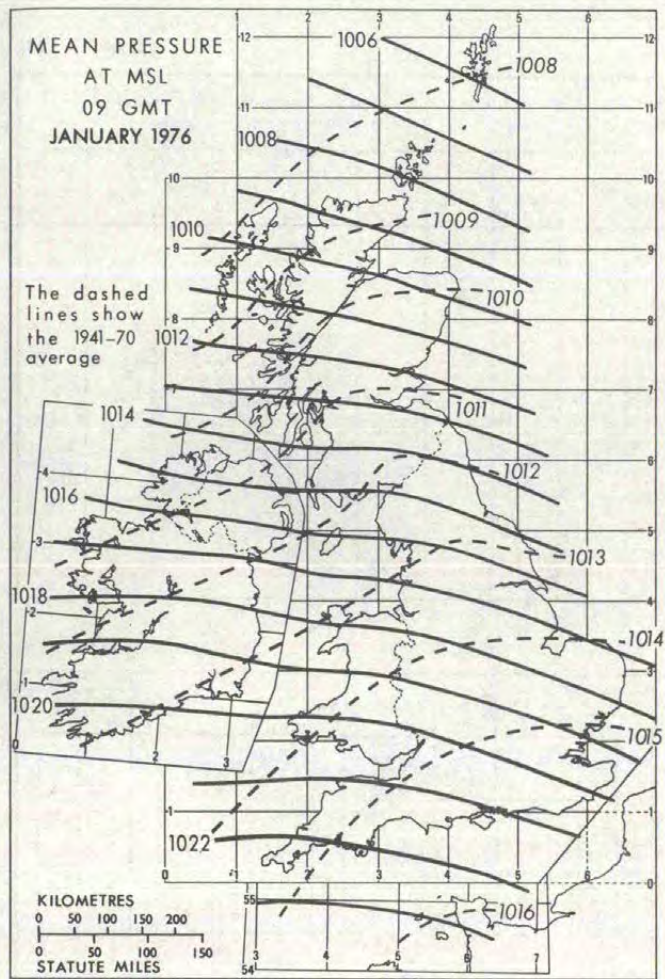
District	air temperature °C					mean 30-cm earth temp °C	rain- days	rainfall	sun- shine
	Highest Max.*	Lowest Min.*	max.	min.	mean				
	difference from average						% of average		
0 Scotland N	12.0	-6.0	+0.7	+0.7	+0.7	+1.3	+3	175	66
1 Scotland E	13.8	-13.0	+1.7	+2.1	+1.8	+1.9	+2	103	79
2 England E & NE	13.0	-5.6	+2.3	+2.0	+2.1	+2.0	-3	97	108
3 East Anglia	13.6	-6.6	+2.9	+1.6	+2.2	+2.3	-4	72	116
4 Midland Counties	13.4	-4.4	+2.4	+2.7	+2.6	+2.2	-4	71	113
5 England SE & Central S	14.0	-6.6	+1.9	+2.3	+2.1	+2.0	-7	24	118
6 Scotland W	12.7	-7.0	+1.8	+2.2	+2.0	+2.0	+4	133	95
7 England NW & Wales N	13.2	-4.8	+1.8	+2.8	+2.3	+2.3	0	116	85
8 England SW & Wales S	14.2	-5.8	+1.3	+2.3	+1.8	+1.9	-4	48	87
N Ireland	12.0	-3.7	+1.5	+2.1	+1.8	+2.2	+3	120	80
Scotland	13.8	-13.0	+1.4	+1.7	+1.5	+1.7	+3	137	80
England & Wales	14.2	-6.6	+2.1	+2.3	+2.2	+2.1	-4	71	105

* Highest maximum and lowest minimum of District Value Stations.

RAINFALL (in millimetres) JANUARY 1976

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





STATION	TOTAL RADIATION ON A HORIZONTAL SURFACE (MILLIWATT-HOURS PER SQUARE CENTIMETRE)						DIFFUSE RADIATION ON A HORIZONTAL SURFACE (MILLIWATT-HOURS PER SQUARE CENTIMETRE)						TOTAL ILLUMINATION ON A HORIZONTAL SURFACE (KILOLUX-HOURS)					
	MAX.	DATE	MIN.	DATE	DAILY MEAN	NO. OF DAYS	MAX.	DATE	MIN.	DATE	DAILY MEAN	NO. OF DAYS	MAX.	DATE	MIN.	DATE	DAILY MEAN	NO. OF DAYS
LERWICK	72	30	6	4.11	21.8	31	50	30	6	4.11	17.5	31	81	30	7	4	28.3	31
ESKDALEMUIR	125	24	4	4	43.4	31	73	31	3	4	27.8	31						
CARDINGTON	150	28	20	2	77.7	29	97	29	20	2	54.9	29						
ABERPORTH	120	14.25	13	2	56.1	31	77	31	12	2	46.5	31						
LONDON WEATHER CENTRE KEW	150	30	18	2	69.0	30	88	30	18	2.7	47.4	30	165	30	26	2.7	85.9	30
BRACKNELL	173	29	27	4.7	81.4	31	87	28	26	4	51.7	31	188	29	33	31	94.9	31
ALDERGROVE	145	25	6	10	49.5	31	67	27	5	10	30.9	31	150	25	9	10	55.3	31
JERSEY	164	15	14	6	68.5	31	90	26	13	6	52.7	31	194	15	23	6.9	86.5	31

JANUARY 1976

DISTRICT REGION/COUNTY AND PLACE	MAX. MIN.	TERMINAL H(GMT) OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C								MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL H 09 GMT)		WEATHER (NUMBER OF DAYS)																BRIGHT SUNSHINE		
				MEANS OF		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	WIND DIR & SPEED	SEA STATE	CLOUD AMOUNT	MOON PHASE	ORACLE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE	
				MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE					AMOUNT (MM)	DATE																	
O SCOTLAND N																																		
SHETLAND																																		
BALTASOUND	9 9	24	4.6	-0.2	2.2	-0.9	9.2	7	-4.7	2	3.8	-	146	115	20	2	28	23	11	11	1	8	1	0	16	-	-	9	0.33	57	-			
LERWICK	21 9	82																																
PSYCHROMETER			4.1	0.9	2.5	-	9.2	6	-3.8	2			160	-	16	2	25	22	19	10	5	8	1	0	15	21	21	13	0.48	61	-			
SCREEN			4.2	0.8	2.5	-0.5	9.0	6	-4.3	2																								
ORKNEY																																		
KIRKALL AIRPORT	21-9	26	5.5	1.7	3.6	0.0	10.0	6.19	-2.6	2			166	158	23	19	24	23	18	4	8	7	1	0	9	17	16	10	0.46	43	-			
WESTERN ISLES																																		
BENNECUOLA	21-9	6	7.2	3.9	5.5	+0.9	11.0	19	-1.2	25			166	-	24	2	29	26	11	2	5	6	0	1	4	11	12	10	0.87	70	-			
SCALPAY	9 9	18																																
STORNOWAY	21-9	3	6.5	2.3	4.4	+0.3	10.9	6.7	-2.3	1.25			165	-	19	2	26	25	10	5	1	12	1	0	9	12	12	4	1.02	86	-			
HIGHLAND																																		
Achnashellach	9 9	67	7.2	1.1	4.1	+1.5	10.9	19	-6.0	2			519	247	58	19	28	26	11	11	0	2	1	0	13	7	-	1	1	-	-	-	-	
BALMACARA	9 9	4	8.2	2.6	5.4	-	11.7	11	-1.7	25			251	161	37	2	27	26	4	1	1	1	0	0	7	-	-	-	-	-	-	-	-	
CAPE WRATH	21-9	112	6.2	2.2	4.2	-0.1	10.2	15	-1.6	24			192	176	23	7	25	24	13	3	0	10	4	0	8	10	10	8	0.74	-	-	-	-	
CORPACH	9 9	8											343	-	(35)	2	27	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CRAIGDOARROCH	9 9	38	7.0	0.6	3.8	-	11.9	19	-7.2	2			195	-	29	2	25	22	10	10	2	1	0	0	15	16	-	0	0	-	-	-	-	
DALWHINNIE	9 9	351	4.9	-0.9	2.0	-	10.0	19	-6.5	10			204	-	39	19	28	25	17	16	0	1	0	20	21	22	-	8	0.64	-	-	-	-	
DOUNREAY	9 9	21	7.1	1.3	4.2	-	12.0	19	-4.0	3			143	164	14	18	27	24	4	3	0	1	0	5	11	16	-	4	0.56	-	-	-	-	
FORTROSE	9 9	5	6.9	2.5	4.7	-	11.5	19	-0.5	25			120	240	30	2	22	13	9	0	0	0	0	0	3	-	0	0	0.95	67	-			
GLENMORE LODGE	9 9	341	4.9	-0.8	2.1	-	10.1	11	-9.4	2			136	142	21	2	26	21	15	18	0	0	0	0	20	23	22	0	0.46	-	-	-	-	
GRANTOWN-ON-SPEY	9 9	229	5.5	-1.0	2.3	-	10.8	19	-10.4	2			103	-	18	2	23	15	11	17	0	0	0	0	20	24	-	0	1.05	-	-	-	-	
HEARSTE	9 9	109	6.9	2.4	4.7	-	10.7	11	-2.2	31			389	-	51	2	28	28	11	6	0	7	1	0	8	15	-	6	-	-	-	-	-	
ISLE OF RHUM	9 9	5	8.1	3.3	5.7	-	11.0	7.12	-1.1	27	6.0	7.4	323	143	46	2	28	26	5	4	0	6	0	0	5	16	-	14	0.63	-	-	-	-	
KETTS	9 9	30	5.9	1.0	3.5	-	10.5	11.19	-5.5	2	3.6	5.1	135	-	16	18	22	21	10	6	3	7	2	0	9	20	-	7	0.85	-	-	-	-	
KINLOCHWE	9 9	23	7.4	1.5	4.5	-	12.0	6	-6.0	2	5.3	-	483	248	54	7	27	26	4	6	0	2	1	0	12	13	-	3	0.55	-	-	-	-	
KNOCKANROCK	9 9	244	5.5	0.4	2.9	-	9.5	7	-3.8	2			355	165	47	6	26	24	5	10	0	0	0	2	13	23	-	3	-	-	-	-	-	
LAGGANLIA	9 9	250	5.7	-0.4	2.7	-	10.3	11	-6.9	10			116	-	20	2	23	18	14	17	0	0	0	0	18	22	-	1	-	-	-	-	-	
LAIRG	9 9	91	5.8	0.2	3.0	-	11.2	7	-5.6	2	3.7	5.3	239	-	18	19	24	22	10	12	6	1	0	2	16	20	-	2	-	-	-	-	-	
LENTRAN	9 9	146	6.1	0.8	3.5	-	11.2	6	-5.3	2			96	-	26	2	24	17	13	10	1	0	1	13	21	-	10	-	-	-	-	-	-	
LOCH OICH	9 9	37	6.8	1.7	4.3	-	11.6	11	-4.5	24			353	-	44	2	27	24	14	10	0	6	1	0	11	17	-	5	0.50	-	-	-	-	
NARN	9 9	6	7.0	1.5	4.5	+1.5	11.5	19	-5.2	2			95	211	24	2	28	26	-	2	-	-	-	10	9	13	-	5	1.10	74	-	-	-	
ONICH	9 9	15	7.6	2.3	4.9	+1.4	12.0	19	-3.0	10.24			365	191	(45)	5	27	23	10	5	0	5	3	0	11	10	-	3	0.75	-	-	-	-	
POOLEWE	9 9	6	7.8	1.5	4.7	-	11.1	19	-2.6	2			253	-	39	6	27	23	10	5	2	7	1	0	8	17	-	11	0.95	-	-	-	-	
PRABOST	9 9	67	6.9	2.2	4.5	-	10.7	19	-1.7	2			225	126	25	6	29	26	8	0	1	2	0	0	2	4	-	5	0	-	-	-	-	
RUBH RE	21-9	16	(7.5)	4.0	(5.7)	-	10.6	6.7	(-0.4)	26			203	-	25	6	28	23	6	0	1	2	0	1	12	-	-	0	-	-	-	-	-	
STRATHCONON	9 9	107	6.6	0.4	3.5	-	11.6	7	-7.3	2			286	-	35	19	25	23	8	9	0	2	1	4	3	-	0	0.58	57	-	-	-	-	
STRATHY	9 9	37	6.2	0.7	3.5	+1.0	11.5	7	-3.3	4			195	193	21	18	27	23	15	2	1	4	0	0	7	-	-	2	-	-	-	-	-	
TARBATNESS	21-9	18	6.2	2.3	4.3	+1.1	12.0	7.19	-1.5	3			80	-	(11)	2	17	15	7	2	0	0	0	0	-	-	-	0	-	-	-	-	-	
TOMATIN	9 9	311	5.0	-0.5	2.3	-	10.1	11	(-10.5)	2			146	-	18	19	27	20	17	-	0	0	0	-	18	11	-	0	-	-	-	-	-	
WICK	21-9	36	5.5	1.4	3.5	+0.4	10.9	7.19	-5.6	2			134	164	17	2	24	21	13	5	5	9	1	0	11	20	17	6	0.85	59	-	-	-	

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

JANUARY 1976

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	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	DEW MIN: BELOW 0 DEG C	WIND 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	6.4	1.1	3.7	+1.4	13.4	19	-7.5	2	-	-	69	89	9	28	16	14	16	8	0	7	1	0	14	24	19	3	1.11	69	-	-	
MANNOFIELD ...	9-9	16	6.8	1.1	3.9	+1.4	13.4	19	-4.6	2	-	-	70	95	12	2	17	14	11	7	0	3	0	0	8	20	2	0	1.32	81	S	-	
BALMORAL ...	9-9	283	5.8	-0.5	2.7	+2.2	12.1	11	-7.4	10	-	-	108	140	21	28	23	17	14	18	0	0	0	0	0	21	24	0	0	1.32	81	S	-
BANCHORY ...	8-8	77	6.8	0.6	3.7	-	13.5	11	-6.5	2	-	-	82	-	26	28	16	14	16	14	0	4	1	0	0	11	23	21	3	1.45	-	S	-
BANFF ...	9-9	24	6.7	1.6	4.1	-	12.0	19	-5.3	2	-	-	125	192	21	12	20	18	1	1	0	0	0	6	11	18	0	0	0.73	-	S	-	
BRAEMAR ...	9-9	339	5.4	-0.7	2.3	+1.9	10.2	12	-13.0	2	-	-	106	129	13	19	28	21	11	17	0	0	0	20	21	18	0	0	0.51	65	S	-	
CRABSTONE ...	9-9	91	6.4	0.8	3.6	+1.2	13.1	19	-5.0	2	3.4	4.6	61	77	9	5	17	14	11	7	0	0	0	1	11	18	0	0	1.30	77	-	-	
CULTERTY ...	9-9	3	6.4	0.6	3.5	-	12.8	11	-6.8	2	-	-	85	128	10	2	19	15	-	-	-	-	-	0	12	20	-	-	-	-	-	-	
ELGIN ...	9-9	15	6.8	1.5	4.1	-	12.0	11-19	-6.5	2	-	-	124	218	24	2	18	15	-	1	-	-	-	0	8	13	-	-	-	0.97	-	S	-
FORRES ...	9-9	50	6.7	1.5	4.1	+1.4	12.0	11	-5.0	2	3.7	4.9	113	-	26	12	20	14	10	9	2	2	0	0	10	20	-	-	-	0.91	57	-	-
FRASERBURGH ...	21-9	19	6.5	2.5	4.5	-	12.6	19	-1.0	2	-	-	110	175	19	12	20	16	9	0	0	3	0	0	5	10	9	13	0.79	-	-	-	-
FYVIE CASTLE ...	9-9	55	6.1	0.2	3.1	-	12.5	19	-8.5	2	-	-	122	151	18	2	22	16	9	-	-	-	0	0	14	20	-	-	-	-	-	-	
GARTLY ...	9-9	146	6.3	0.8	3.5	-	12.2	19	-7.7	2	-	-	95	-	13	22	21	18	-	-	-	-	0	0	14	20	-	-	-	-	-	-	
GLENLIVET ...	21-9	215	5.1	0.5	2.8	-	11.2	19	-11.7	2	-	-	101	136	13	2	21	19	14	15	2	1	0	4	19	20	21	3	0.90	-	-	-	-
INVERURIE ...	9-9	54	6.4	0.2	3.3	-	13.8	19	-10.2	2	-	-	77	102	10	5	16	15	13	9	0	2	0	0	13	24	-	-	-	1.28	-	-	-
KEITH ...	9-9	106	6.1	0.2	3.1	-	12.0	19	-9.9	2	-	-	119	-	21	22	19	16	10	-	-	-	0	0	15	23	-	-	-	0.84	-	-	-
KINLOSS ...	21-9	5	6.3	1.9	4.1	+1.2	11.8	6	-5.5	2	4.7	-	111	242	27	12	19	12	14	4	1	5	0	0	12	18	14	6	0.80	-	-	-	-
LOSSIEMOUTH ...	21-9	6	6.3	1.7	4.0	-	11.6	7-19	-7.2	2	-	-	117	249	24	2	20	15	13	2	0	4	0	0	0	21	18	6	-	-	-	-	-
STONEHAVEN ...	9-9	4	7.2	1.0	4.1	+1.2	15.1	11	-5.1	2	-	-	72	-	9	2	15	15	2	3	0	0	0	0	10	-	-	-	-	1.34	83	-	-
TAYSIDE																																	
ARBROATH ...	9-9	28	7.0	2.0	4.5	-	14.6	11	-3.7	3	-	-	42	72	8	2	17	11	5	2	0	0	0	0	7	12	-	-	-	1.75	-	-	-
ARDALNAIG ...	9-9	130	7.0	1.8	4.4	-	12.6	11	-4.3	2	-	-	167	129	34	28	22	17	11	4	0	1	0	0	11	22	-	-	-	0.81	-	-	-
ASHINTULLY CASTLE ...	9-9	341	4.3	-1.1	1.6	-	10.5	11	-8.6	2	-	-	115	-	26	28	23	20	13	20	0	0	0	1	21	22	-	-	-	-	-	-	-
BLAIRGOWRIE ...	9-9	70	6.6	0.3	3.5	-	12.9	12	-7.5	2	2.8	-	58	80	19	2	20	11	-	-	-	-	-	0	1	21	22	-	-	-	1.57	-	-
DALL ...	9-9	232	5.8	-1.0	2.4	-	10.3	11	-9.0	2	-	-	157	147	29	2	24	19	15	9	0	1	1	1	19	-	-	-	-	-	-	-	-
DRUMMOND CASTLE ...	9-9	113	7.4	0.5	3.9	-	13.0	11	-7.0	2	4.3	-	98	-	35	2	19	17	14	10	0	0	0	1	17	22	-	-	-	1.20	-	-	-
DUNDEE ...	9-9	45	7.0	1.5	4.3	+1.7	13.8	11	-4.8	3	3.5	-	48	76	9	2	15	13	8	1	0	0	0	1	7	25	-	-	-	1.56	94	-	-
FASKALLY ...	9-9	94	6.4	0.5	3.5	-	13.1	11	-8.0	2	5.5	-	121	148	22	28	22	15	11	13	0	0	0	0	13	22	-	-	-	-	-	-	-
GLENARGLES ...	9-9	152	6.9	-0.1	3.4	-	12.0	11	-6.4	4	-	-	106	105	13	2	21	16	9	-	-	1	0	1	17	22	-	-	-	1.47	-	-	-
KINDROGAN ...	9-9	259	4.8	-0.9	1.9	-	11.0	11	-10.5	2	-	-	117	-	23	28	23	19	16	18	0	0	0	0	20	23	-	-	-	5	-	-	-
KINROSS ...	9-9	116	6.6	1.0	3.8	-	11.8	11	-3.7	10	4.1	-	61	-	20	19	19	11	-	-	-	-	-	13	-	-	-	-	-	1.22	-	-	-
MONTROSE ...	9-9	57	6.8	1.0	3.9	-	13.6	11	-5.5	2	-	-	48	73	12	2	18	11	10	4	0	2	0	4	10	22	-	-	-	-	-	-	-
MYLNEFIELD ...	9-9	30	6.8	1.0	3.9	-	13.6	11	-6.2	3	4.3	6.1	52	86	13	2	17	11	8	4	0	0	0	0	12	26	-	-	-	1.80	-	-	-
PERTH ...	9-9	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
STRATHALLAN ...	9-9	41	7.4	1.0	4.2	-	13.1	11	-4.2	10	-	-	55	-	17	2	17	9	8	5	1	2	0	1	10	24	-	-	-	-	-	-	-
USAN ...	21-9	30	6.6	1.7	4.1	-	13.7	11	-3.8	2	-	-	48	-	15	2	13	10	6	4	0	0	0	0	9	16	-	-	-	1.77	-	-	-
WHITEHILLOCKS ...	9-9	258	6.4	-0.1	3.1	-	12.3	19	-8.9	2	-	-	98	85	21	2	24	15	12	16	0	0	0	1	18	-	-	-	-	-	-	-	-
FIFE																																	
BELLISTON ...	9-9	82	6.9	1.9	4.4	-	12.2	11-12	-1.8	26	4.5	-	57	88	12	2	16	11	10	0	2	0	0	2	7	20	-	-	-	-	-	-	-
CUPAR (ELMWOOD) ...	9-9	36	7.2	1.1	4.1	-	13.6	11	-3.4	10	4.1	-	61	-	16	2	18	13	9	3	0	2	0	0	12	23	-	-	-	1.45	-	-	-
GLENROTHES (GLENWOOD) ...	9-9	117	6.9	1.3	4.1	-	12.3	11	-3.3	2	-	-	54	-	21	2	19	13	-	-	-	-	-	0	11	22	-	-	-	1.87	-	-	-
LEUCHARS ...	21-9	10	7.0	2.0	4.5	+1.6	14.2	11	-3.4	10	-	-	58	102	11	2	16	11	13	4	1	0	0	0	9	19	19	8	1.81	103	-	-	-
PITREAVIE ...	21-9	40	7.1	2.7	4.9	-	11.8	10-11	-2.0	10	-	-	59	100	13	19	18	15	9	0	0	0	0	0	7	18	15	5	-	-	-	-	-
ST ANDREWS ...	9-9	18	7.6	2																													

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

JANUARY 1976

DISTRICT REGION/COUNTY AND PLACE	MAX. MIN. TERMINAL HEIGHT OF STATION (ABOVE MSL METRES)	AIR TEMPERATURE IN DEGREES C								MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL H 09 GMT)		WEATHER (NUMBER OF DAYS)										BRIGHT SUNSHINE							
		MEANS OF		DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY	PRECIP- ITATION	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	8.0	3.1	5.5	-	10.6	2.15	-2.7	26	-	253	158	26	2	27	26	-	2	-	-	-	0	6	13	-	-	-	-	-	-
AROS ...	9 9	37	7.9	2.7	5.3	-	11.1	19	(-3.8)	26	-	285	53	28	28	25	3	0	0	2	-	0	3	9	14	-	-	-	-	-	-
AUCHINCRIE ...	9 9	45	7.9	3.0	5.5	+2.1	11.7	2	-7.0	25	6.2	7.3	106	127	14	18	25	20	3	0	0	1	0	6	13	-	-	-	-	-	-
BARRHEAD ...	9 9	30	8.1	2.4	5.3	-	12.2	10	-3.1	26	-	146	134	25	2	21	19	4	1	0	2	0	0	9	16	-	-	-	-	-	-
BENMORE (YOUNGER BOTANIC GARDEN)	9 9	12	8.0	2.5	5.3	-	11.9	19	(-4.0)	2	-	339	145	46	19	27	25	6	0	1	2	0	9	16	-	-	-	-	-	-	-
BRODICK CASTLE ...	9 9	15	8.3	3.5	5.9	-	11.4	10.16	-1.8	25	6.1	-	270	155	35	2	25	24	1	3	5	4	0	5	14	-	-	-	-	-	-
CAMPS RESERVOIR ...	9 9	295	5.5	0.9	3.2	-	9.5	2	-6.6	26	-	133	120	20	2	23	21	11	6	0	1	0	15	20	-	-	-	-	-	-	-
CARNWATH ...	9 9	208	6.2	0.8	3.5	-	9.9	10	-6.3	26	4.5	-	103	150	14	20	20	17	11	4	2	2	0	14	20	-	-	-	-	-	-
COLONSAY ...	9 9	35	8.1	3.9	6.0	-	10.9	2	-1.5	3	-	176	25	19	28	24	3	0	0	9	0	0	13	16	-	-	-	-	-	-	-
CRAWFORD JOHN ...	9 9	274	5.7	0.7	3.2	-	9.8	2	-6.0	3.26	4.6	-	-	-	-	-	-	-	-	-	-	-	13	16	-	-	-	-	-	-	-
CUMBERNAULD ...	9 9	94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CUMNOCK ...	9 9	99	7.1	2.2	4.7	-	10.5	2	-5.6	26	-	140	15	18	26	20	6	0	1	1	0	1	9	14	-	-	-	-	-	-	-
DUNSTAFFRAE ...	9 9	3	8.0	3.0	5.5	-	11.6	19	-2.3	26	-	201	40	2	27	24	4	1	0	1	1	0	7	15	-	-	-	-	-	-	-
EAST KILBRIDE ...	9 9	178	6.6	1.5	4.1	-	10.5	2	-4.5	26	-	146	32	19	23	18	5	2	0	0	0	0	12	19	-	-	-	-	-	-	-
FINNART ...	9 9	15	8.9	3.2	6.1	-	12.3	19	-1.0	3	-	285	151	51	19	23	22	6	0	2	0	0	4	10	-	-	-	-	-	-	-
GIRVAN ...	9 9	8	8.2	4.3	6.3	-	11.6	2	-0.6	26.31	-	119	119	14	20	22	20	2	0	0	2	0	4	10	-	-	-	-	-	-	-
GLASGOW																															
ABBOTSLINCH AIRPORT ...	21-9	5	7.4	2.8	5.1	+2.0	11.3	11	-3.2	25	-	118	22	2	21	18	10	0	0	3	0	0	10	12	-	-	-	-	-	-	-
SPRINGBURN PARK ...	9 9	107	6.9	2.4	4.7	+2.4	10.5	10	-2.0	26	-	122	131	16	18	22	18	8	0	1	0	0	10	20	-	-	-	-	-	-	-
WEATHER CENTRE (X)	21-9	40	7.6	4.0	5.8	-	11.8	19	0.0	25	-	88	14	2	21	17	3	-	0	1	0	0	0	0	-	-	-	-	-	-	-
GLENBRANTER ...	9 9	24	8.9	2.3	5.6	-	14.1	13	-3.7	25	-	319	47	19	25	25	5	1	2	0	0	0	6	12	-	-	-	-	-	-	-
GREENOCK ...	9 9	61	7.5	3.1	5.3	+1.6	11.2	10	-1.3	4	-	209	131	34	19	23	20	2	1	0	1	0	0	16	-	-	-	-	-	-	-
HELENSBURGH ...	9 9	89	7.3	2.1	4.7	+2.0	11.0	11.19	-2.6	25.26	-	221	150	47	2	26	19	-	-	-	-	0	10	-	-	-	-	-	-	-	-
KNAPDALE FOREST ...	9 9	40	7.8	2.6	5.2	-	10.9	2	-4.0	24	-	220	23	2	26	25	2	2	0	0	0	0	10	-	-	-	-	-	-	-	-
LANARK ...	9 9	152	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LEADHILLS ...	9 9	388	5.1	0.3	2.7	-	8.8	6	-6.5	24	-	219	147	27	2	21	19	9	5	2	3	1	16	-	-	-	-	-	-	-	-
MACHRIHANISH ...	21-9	10	8.4	4.4	6.4	-	12.5	2	-1.7	25	-	138	116	23	28	23	23	4	0	1	7	2	0	-	-	-	-	-	-	-	-
MILLPORT ...	9 9	5	8.2	3.7	5.9	(12.0)	19	-0.8	21	-	-	137	124	21	2	25	19	1	0	0	0	0	0	-	-	-	-	-	-	-	-
PAISLEY ...	9 9	32	7.9	3.1	5.5	+2.1	11.4	19	(-3.0)	25	5.1	7.2	132	122	23	2	21	19	5	1	0	1	0	3	13	-	-	-	-	-	-
PRESTWICK ...	21-9	16	7.7	3.7	5.7	-	12.1	2	-3.7	26	-	100	124	14	18	24	17	3	0	2	0	0	8	10	-	-	-	-	-	-	-
RHUVALE ...	21-9	20	8.4	4.8	6.6	-	11.6	2	0.6	25.31	-	202	153	35	2	25	22	2	0	3	1	0	0	0	-	-	-	-	-	-	-
ROTHESAY ...	9 9	43	7.8	3.6	5.7	-	11.5	2	(-1.0)	26	5.5	6.9	171	130	22	19	27	25	1	0	1	0	0	2	14	-	-	-	-	-	-
SLODY ...	21-9	12	7.3	3.2	5.3	-	12.0	6.19	-2.0	10	-	405	61	19	26	24	10	-	-	-	-	0	0	-	-	-	-	-	-	-	-
STRONACHULLIN ...	9 9	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TIREE ...	21-9	9	7.9	4.6	6.3	+1.2	11.0	19	0.0	23	-	136	119	21	2	26	20	5	0	0	9	0	0	7	7	-	-	-	-	-	-
CENTRAL																															
ARROCHMORE ...	9 9	30	8.0	2.3	5.1	-	12.5	19	-2.4	24	-	222	51	2	23	19	-	2	-	-	-	0	12	16	-	-	-	-	-	-	-
CALLANDER ...	9 9	107	7.2	1.1	4.1	-	12.4	11	-5.0	2	-	185	130	30	2	23	19	7	8	0	0	0	12	20	-	-	-	-	-	-	-
EARLS HILL ...	21-9	335	5.0	0.4	2.7	-	9.2	10.11	-4.6	2	-	-	-	-	-	-	-	-	-	-	-	1	3	16	-	-	-	-	-	-	-
FALKIRK (SEWAGE WORKS)	9 9	3	7.9	2.8	5.3	-	12.2	11	-1.9	26	-	78	-	21	19	14	13	3	0	0	0	0	7	-	-	-	-	-	-	-	-
GRANGEMOUTH ...	9 9	2	8.3	3.1	5.7	-	12.0	16	-1.2	24	-	61	-	13	19	17	12	-	-	-	-	4	-	-	-	-	-	-	-	-	-
B.P. REFINERY ...	9 9	107	7.6	2.1	4.9	-	12.5	11	(-2.9)	10	3.9	93	-	21	2	20	16	-	5	-	-	0	12	-	-	-	-	-	-	-	-
PARKHEAD ...	9 9	38	7.8	2.1	4.9	-	13.1	16	-3.5	10	4.5	5.8	105	-	26	2	21	18	6	4	0	2	0	0	-	-	-	-	-	-	-
STIRLING (BATTERFLATS)	9 9	38	7.8	2.1	4.9	-	13.1	16	-3.5	10	4.5	5.8	105	-	26	2	21	18	6	4	0	2	0	0	-	-	-	-	-	-	-
DUMFRIES & GALLOWAY																															
BARGRENNAN ...	9 9	110	6.9	2.1	4.5	-	10.1	10	-3.7	26	-	186	117																		

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

JANUARY 1976

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		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 C BELOW 0 DEG C	CONCRETE MIN C BELOW 0 DEG C	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE					AMOUNT (MM)	DATE																
2 ENGLAND E & NE -CONTINUED																																
DURHAM	9 9	102	7.4	2.1	4.7	+2.0	12.4	11	-3.1	25	5.1	6.4	46	80	9	2	13	12	-	3	-	-	-	-	0	10	21	-	-	1.71	103	-
DURHAM	9 9	377	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HOUGHALL	9 9	513	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WIDDYBANK FELL	9 9	513	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CLEVELAND	9 9	31	7.7	1.9	4.8	-	12.5	11	-5.0	28	-	-	48	101	11	1	14	9	7	9	0	2	2	0	11	17	-	8	1.65	-	-	
HARTBURN GRANGE	9 9	9	7.9	3.3	5.6	+1.9	12.9	11	-1.8	25	-	-	70	135	22	24	14	11	6	8	0	2	1	0	6	17	-	4	1.60	-	-	
NORTH YORKSHIRE	9 9	34	7.8	2.4	5.1	-	12.1	17	-3.3	26	-	-	49	86	11	1	13	11	7	2	0	0	0	2	11	18	-	1	1.63	118	5	
ASKHAM BRYAN	9 9	6	7.9	2.9	5.4	-	12.0	2	-3.0	30	5.5	6.5	48	90	11	1	15	9	4	3	0	0	0	0	9	17	-	2	1.64	-	-	
CWOOD	9 9	175	6.3	(1.3)	(3.8)	-	10.6	11	-5.7	26	4.5	-	125	171	44	24	14	11	6	9	0	2	0	0	11	-	-	2	1.63	-	-	
HIGH MOUTHORPE	9 9	32	7.6	3.5	5.5	-	12.4	11	-2.7	28	4.8	6.5	49	85	14	8	13	7	7	4	0	0	0	1	11	12	11	4	1.78	-	-	
LEEMING	21-9	395	4.5	0.8	2.7	+1.8	8.1	10	-5.6	26	(4.4)	-	208	152	25	19	22	19	10	10	1	1	0	9	13	20	-	2	-	-	-	
MALHAM TARN	9 9	44	7.4	1.9	4.7	-	12.2	11	-6.3	28	-	-	77	121	21	24	16	11	5	9	0	3	0	0	11	17	-	0	-	-	-	
PICKERING	9 9	53	8.0	2.9	5.5	-	13.4	11	-1.8	29	4.6	6.2	79	131	15	1	17	11	6	8	2	1	2	0	9	16	11	9	1.77	131	-	
SCARBOROUGH	9 9	203	6.8	1.1	3.9	-	12.8	11	-3.6	26	4.2	-	91	110	17	2	19	12	4	9	0	0	0	0	14	19	-	0	-	-	-	
SILPHO MOOR	9 9	290	5.5	1.2	3.3	-	9.6	10	-5.3	26	4.6	-	196	-	43	2	22	21	4	2	2	0	0	0	13	16	-	8	0.66	-	-	
SNARZEHOLME	9 9	40	7.8	2.8	5.3	-	12.4	11	-4.1	26	-	-	68	-	12	1	15	12	7	3	3	0	0	1	9	-	-	10	1.84	-	-	
WHITBY	21-9	60	7.6	3.1	5.3	-	12.3	11	-2.0	29	-	-	56	-	11	8	17	10	7	0	1	1	0	1	9	8	8	13	-	-	-	
WHITBY (COASTGUARD)	9 9	20	7.9	2.6	5.3	-	12.4	2	-4.2	28	5.5	-	46	83	10	1	12	9	2	3	0	0	0	0	12	15	-	0	1.91	-	-	
YORK (HESLINGTON)	9 9	48	7.8	2.2	5.0	-	12.7	7	-2.4	28	-	-	72	106	17	1	14	11	5	2	0	3	0	1	10	21	-	6	2.18	-	-	
HUMBERSIDE	9 9	3	7.8	2.5	5.1	-	12.3	12	-8.2	28	-	-	59	99	17	24	13	9	5	8	0	1	0	0	9	16	-	5	-	-	-	
BRIDLINGTON	9 9	7	8.0	3.1	5.5	+2.0	12.5	11	-3.0	28	-	-	48	89	11	1	10	8	-	3	-	-	-	0	8	-	-	-	1.92	122	-	
BRIGG	9 9	2	8.3	3.2	5.7	+2.2	12.9	11	-3.8	28	5.3	6.8	67	115	18	24	16	10	4	6	0	0	0	0	9	12	-	0	-	-	-	
CLEETHORPES	9 9	12	7.3	3.6	5.5	-	11.2	19	-2.2	24	-	-	61	113	12	1	14	9	4	0	0	0	0	0	7	-	11	2.06	-	-	-	
HULL	21-9	108	6.6	2.7	4.7	-	11.4	11	-4.7	28	-	-	41	64	8	1	12	9	6	8	0	1	0	1	10	13	10	5	2.08	-	-	
KILNSEA	9 9	55	7.9	2.1	5.0	-	12.2	19	-9.5	28	-	-	32	-	9	1	9	6	-	-	-	-	-	-	-	-	-	-	-	-	-	
LINCOLNSHIRE	9 9	62	7.7	2.4	5.1	+2.4	12.1	2	-6.7	28	5.0	6.0	48	76	8	1	12	8	4	2	0	0	0	0	9	13	12	3	1.71	97	-	
BINBROOK	9 9	4	7.8	(2.7)	(5.3)	-	12.3	2	-3.9	28	-	-	11	8	4	3	11	8	4	3	0	0	0	0	9	17	-	2	(1.94)	-	-	
CRISTOR	9 9	7	8.0	2.5	5.3	+2.6	12.4	10	-5.1	24	5.5	6.4	38	-	8	1	12	7	4	2	0	0	0	0	14	-	-	2	1.83	-	5	
KIRTON	9 9	5	(8.1)	2.9	(5.5)	(+2.3)	13.0	12	-2.5	28	-	-	40	77	9	24	11	7	-	7	0	0	0	0	7	9	-	3	1.86	110	-	
LINCOLN	21-9	68	7.5	3.4	5.5	+2.6	12.2	2	-4.9	28	-	-	45	87	8	1	12	9	5	2	0	0	0	0	8	17	10	2	1.79	108	-	
SKEGNESS	9 9	17	7.8	3.4	5.6	-	12.8	11	-5.6	28	-	-	61	114	12	1	17	13	5	4	0	5	0	1	8	12	10	2	-	-	-	
WADDINGTON	9 9	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3 EAST ANGLIA																																
NORFOLK	21-9	17	7.8	3.4	5.6	-	12.8	11	-5.6	28	-	-	61	114	12	1	17	13	5	4	0	5	0	1	8	12	10	2	-	-	-	
COLTISHALL	9 9	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
COSTESSEY	9 9	54	8.1	3.1	5.6	+2.2	11.9	11	-2.5	31	-	-	65	129	11	4	14	10	4	1	0	1	0	1	6	10	-	2	2.22	134	-	
CROMER	9 9	53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
EAST DEREHAM	9 9	23	8.4	3.1	5.7	+2.0	13.1	11	-2.0	25	6.1	7.6	51	100	11	24	14	9	4	2	0	0	0	1	6	-	-	2	1.81	111	-	
GORLESTON	21-9	4	7.4	3.1	5.3	-	12.5	2	-7.9	28	-	-	66	-	18	25	15	9	5	7	0	1	0	2	9	12	10	2	1.58	-	-	
MARHAM	9 9	48	7.4	2.4	4.9	-	12.2	11	-6.2	28	5.4	56	-	12	24	15	10	4	7	0	1	0	1	10	11	-	3	1.97	-	-	-	
MORLEY ST BOTOLPH	9 9	24	7.8	1.6	4.7	-	12.8	2	-9.3	28	5.5	6.4	57	100	10	4	12	9	-	0	-	-	-	1	13	17	-	-	1.58	-	-	
SANTON DOWNHAM	9 9	27	7.9	2.4	5.1	-	12.7	2	-5.9	28	5.0	6.0	43	-	9	4	13	8	3	4	0	1	0	1	11	15	-	2	2.08	-	-	
SCOLE	9 9	3	7.7	2.4	5.1	+2.2	12.7	2	-5.6	28	5.6	-	53	108	11	25	14	9	4	3	0	0	0	1	10	13	-	0	1.62	97	-	
TERRINGTON ST CLEMENT	9 9	44	7.9	2.6	5.3	-	13.0	2	-5.4	28	-	-	29	60	6	9	14	9	2	2	0	1	0	0	9	15	-	2	1.61	-	-	-
CAMBRIDGESHIRE	9 9	12	8.2	(2.8)	(5.5)	(+2.3)	13.4	2	-6.6	28	5.7	7.1	25	55	6	4	12	8	4	2	0	0	0	0	8	15	-	2	-	-	-	
BOXMOUTH	9 9	26	8.3	3.1	5.7	-	13.5	2	-5.4	28	-	-	25	56	6	4	13	7	3	0	0	0	0	0	9	15	-	1	1.71	99	-	
CAMBRIDGE	9 9	2	8.0	2.3	5.1	-	13.1	11	-6.6	28	-	-	50	102	13	9	14	8	-	5	-	-	-	0	9	-	-	-	-	-	-	
BOTANIC GARDEN	9 9	40	8.2	2.6	5.4	-	12.7	2	-6.4	28	5.7	7.2	27																			

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

JANUARY 1976

DISTRICT REGION/COUNTY AND PLACE	MAX. TERMINAL (HGMT) MIN.	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C								MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL H 09 GMT)		WEATHER (NUMBER OF DAYS)										BRIGHT SUNSHINE							
			MEANS OF		DAILY MEAN (MEAN OF A-B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY		PRECIP- ITATION	0.2 MM OR MORE	1.0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS FROST BELOW 0 DEG C	CONCRETE MIN. BELOW 0 DEG C	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE					AMOUNT (MM)	DATE																
4 MIDLAND COUNTIES																																
WEST YORKSHIRE																																
BRADFORD ...	9 9	134	7.2	3.0	5.1	+2.4	11.4	2	-2.4	30	5.0	6.5	102	120	23	2	16	13	4	1	1	1	0	0	9	12	-	6	0	1.23	117	5
BRAMHAM ...	9 9	54	7.7	2.8	5.3	-	12.0	2	-3.7	30	-	-	72	118	15	10	18	11	3	1	1	1	0	0	9	14	-	6	0	-	-	-
HUDDESFIELD																																
DAKES ...	21-9	232	6.2	2.7	4.5	+2.0	10.7	2	-3.8	30	4.8	5.8	147	147	35	2	22	16	8	0	0	0	0	0	12	14	13	11	1.24	93	-	-
RAVENSKNOLLE	9 9	99	7.4	(3.4)	(5.4)	(+2.5)	11.5	2.19	-2.5	30	5.4	6.6	118	155	29	2	16	13	6	0	0	0	0	0	9	12	-	4	3	(1.19)	(123)	-
ILKLEY ...	9 9	83	7.6	2.8	5.2	+2.5	12.0	2	-3.0	30	-	-	105	125	20	1	18	14	4	0	0	0	0	0	9	11	-	3	7	1.12	84	-
TODMORDEN	9 9	160	7.0	2.8	4.9	-	11.1	2	-3.2	24.28	-	-	160	-	35	2	21	17	7	2	0	0	0	0	0	0	-	-	-	-	-	-
PONTEFRAC	9 9	78	7.6	2.8	5.2	+2.2	12.0	2	-3.3	30	-	-	48	100	14	1	16	10	6	2	0	0	0	0	11	-	-	-	-	-	-	-
WILSON ...	9 9	262	6.1	-	-	-	10.8	2	-	-	-	-	128	-	33	2	18	15	5	1	1	1	0	0	0	13	13	7	-	-	-	-
SOUTH YORKSHIRE																																
FINNINGLEY	21-9	10	8.0	3.5	5.7	-	12.4	2.19	-4.9	28	-	-	39	81	10	1	14	9	6	1	0	3	0	0	9	15	9	4	1.96	-	-	-
SHEFFIELD	9 9	131	(7.6)	3.2	(5.4)	(+2.0)	11.8	2	-3.9	31	5.5	6.8	94	116	25	1	17	11	7	1	1	0	0	0	8	-	-	2	1.34	109	5	
DERBYSHIRE																																
ASHOVER ...	9 9	178	6.9	2.6	4.7	-	11.5	2	-3.7	30.31	-	-	82	-	19	2	16	11	7	1	1	0	0	0	9	13	-	4	1.51	-	-	-
BUXTON ...	9 9	307	6.2	2.0	4.1	+2.4	10.6	3	-4.4	31	4.7	5.5	176	132	41	1	24	21	8	2	0	1	0	0	3	9	12	-	7	-	-	5
DERBY ...	9 9	48	8.5	3.4	5.9	-	12.7	2	-4.6	28	-	-	37	64	13	1	13	8	1	1	0	0	0	0	9	12	-	2	1.11	-	-	5
MORLEY ...	9 9	107	8.2	2.8	5.5	-	12.0	2.3.10	-3.0	30.31	-	-	67	107	14	1	11	8	1	0	0	0	0	0	8	9	9	2	1.53	-	-	-
WINDERWORTH	9 9	126	7.2	2.3	4.7	-	12.2	2	-6.4	28	5.2	-	72	-	17	1	15	10	7	0	0	1	0	1	12	15	12	5	1.62	-	-	-
NOTTINGHAMSHIRE																																
MANSFIELD	9 9	114	7.5	2.9	5.2	+2.4	12.0	13	-4.0	31	-	-	57	-	13	2.9	15	10	2	0	0	0	0	0	9	10	-	1	-	-	-	-
NEWTHORPE	9 9	58	8.0	2.6	5.3	-	12.4	2	-5.6	28	-	-	80	-	14	1	14	10	-	-	-	-	-	-	0	8	-	-	-	-	-	-
NOTTINGHAM	9 9	59	8.4	3.7	6.1	+2.8	12.5	2	-2.5	31	5.3	6.3	61	113	12	1	14	13	0	0	0	0	0	0	5	13	-	0	1.11	92	-	-
SUTTON BONINGTON	9 9	48	8.5	-	-	-	12.8	8	-	-	6.0	6.7	31	58	8	9	12	9	4	0	0	0	0	0	0	5	15	-	5	1.60	119	-
WARSOP	9 9	46	8.2	2.6	5.4	-	11.6	10	-5.4	28	-	-	47	87	12	1	15	9	1	2	0	0	0	0	9	16	-	2	1.58	-	-	-
WATNALL	21-9	117	7.6	3.6	5.6	+2.7	11.9	10	-3.4	31	-	-	60	91	13	1	20	10	7	2	0	2	0	0	10	13	11	1	1.35	104	-	-
STAFFORDSHIRE																																
KEELE ...	9 9	179	7.2	2.3	4.7	-	11.6	2	-3.8	30	5.3	6.8	52	73	11	9	17	10	4	2	0	4	0	0	9	13	-	1	1.28	-	-	-
DAKEN ...	9 9	125	8.0	2.6	5.3	+2.6	12.5	2	-4.5	31	6.2	-	33	54	7	9	13	7	1	1	0	0	0	0	7	13	-	0	-	-	-	5
PENKIRIDGE	9 9	101	8.3	1.9	5.1	-	12.5	2	-5.0	24.25.26	-	-	36	61	7	1	14	8	0	0	0	0	0	0	9	12	-	3	-	-	-	5
STONE ...	9 9	107	7.7	2.4	5.1	-	12.4	2	-3.6	26	-	-	46	70	9	1	15	9	4	1	1	0	0	0	10	14	-	1	1.55	-	-	-
LEICESTERSHIRE																																
CALDECOTT	9 9	52	7.9	2.2	5.1	-	12.4	2	-5.0	28	-	-	39	79	11	9	12	10	3	0	0	1	0	0	10	13	-	1	1.44	-	-	-
NEWTOWN LINCOLN	9 9	119	7.7	2.3	5.0	-	12.2	2	-4.5	28	-	-	39	66	11	9	14	8	3	0	0	1	0	0	9	12	-	1	1.70	-	-	-
SALOP																																
NEWPORT ...	9 9	64	8.3	2.7	5.5	+2.8	12.8	2	-6.2	26	-	-	44	80	6	1	18	11	3	3	1	1	0	0	8	14	-	4	1.65	120	5	-
OSWESTRY ...	9 9	174	8.2	3.0	5.6	+2.5	11.5	1.10	-4.5	31	-	-	66	75	14	1	15	11	5	2	0	1	0	0	6	13	-	1	1.41	86	-	-
SHAWBURY ...	21-9	72	8.4	3.8	6.1	+2.9	12.5	10	-4.4	26	-	-	38	67	9	1	14	8	4	2	0	1	0	0	10	11	-	0	1.55	102	-	-
SHREWSBURY	9 9	56	8.6	3.5	6.1	+2.8	13.0	2	-4.3	31	6.1	7.8	38	71	9	23	13	9	1	0	0	0	0	0	7	11	-	0	1.65	104	-	-
WEST MIDLANDS																																
BIRMINGHAM																																
EDGBASTON	21-9	163	7.6	4.1	5.9	+2.6	12.0	1	-4.0	31	6.8	-	34	50	12	9	12	8	4	1	2	1	0	0	7	10	9	1	1.66	120	-	-
ELDMON AIRPORT	21-9	96	8.2	3.9	6.1	+3.0	13.4	2	-3.6	31	-	-	26	-	9	9	9	7	5	0	0	2	0	0	8	13	11	0	1.59	112	-	-
KING EDWARD SCHOOL	9 9	137	8.0	3.2	5.6	-	11.9	2	-3.9	31	-	-	46	73	14	9	12	8	0	0	0	0	0	0	0	-	-	-	-	-	-	-
COVENTRY AIRPORT	9 9	81	8.3	2.1	5.2	-	13.0	2.3	-4.6	28	6.4	7.1	19	-	5	4	10	4	4	0	0	0	0	0	11	-	2	2.08	-	-	-	-
WARWICKSHIRE																																
LONG LAWFOED	9 9	87	8.3	2.4	5.3	-	13.2	11	-4.1	31	5.8	-</																				

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

JANUARY 1976

DISTRICT REGION/COUNTY AND PLACE	MAX. MIN.	TERMINAL (HGMT) OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C								MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL H 09 GMT)		WEATHER (NUMBER OF DAYS)										BRIGHT SUNSHINE								
				MEANS OF		DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	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	DRY 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															
5 ENGLAND SE & CENTRAL S. GREATER LONDON																																		
BROMLEY ...	9	9	65	8.7	3.4	6.1	+2.4	13.0	11.12	-4.0	28.30	-	-	14	26	5	4	9	4	4	3	2	0	0	0	6	15	-	-	2	-	-	-	-
ENFIELD ...	9	9	17	9.0	4.2	6.6	-	14.0	11	-2.3	28	6.6	8.3	25	7	7	4	12	7	4	3	0	0	0	4	15	-	-	2	-	-	-	-	
GREENWICH ...	9	9	7	-	-	-	-	-	-	-	-	-	-	15	32	6	4	7	6	1	0	0	0	0	0	9	15	-	-	0	-	-	-	-
HAMPSTEAD ...	9	9	137	(1.79)	(1.27)	(1.53)	(+2.2)	12.9	12	-4.3	31	-	-	21	38	8	4	8	6	2	7	0	0	0	0	9	15	-	-	0	-	-	-	-
HAMPTON ...	9	9	12	8.5	3.3	5.9	+2.0	13.5	2	-4.5	28	-	-	15	30	6	4	12	5	3	0	0	0	0	0	8	15	-	-	1	-	-	-	-
HARROW WEALD ...	9	9	98	8.7	2.2	5.5	-	13.5	2	-4.5	28.30	6.3	7.6	23	3	9	4	12	6	0	0	0	0	0	0	8	12	-	-	0	-	-	-	-
HEATHROW AIRPORT ...	21-9	9	25	8.5	3.6	6.1	+2.4	13.5	2	-4.1	28	-	-	14	27	6	4	9	4	4	1	0	0	0	0	8	12	-	-	0	-	-	-	-
KENSINGTON PALACE ...	9	9	25	8.7	3.9	6.3	+2.2	13.7	2	-3.2	30	6.6	7.8	17	33	7	4	10	5	2	1	0	0	0	0	8	13	-	-	0	-	-	-	-
KEW ...	9	9	25	8.5	3.6	6.1	+2.4	13.5	2	-4.1	28	-	-	14	27	6	4	9	4	4	1	0	0	0	0	8	12	-	-	0	-	-	-	-
PSYCHROMETER ...	21-9	9	6	8.4	3.8	6.1	-	14.1	2	-6.9	28	6.5	7.7	15	30	6	4	8	5	5	0	0	0	0	0	8	14	-	-	0	-	-	-	-
NORTH WALL SCREEN ...	-	-	-	8.3	4.4	6.3	+2.1	14.0	2	-4.5	28	-	-	-	-	-	-	-	-	-	-	-	-	-	8	14	-	-	0	-	-	-	-	
LONDON																																		
WEATHER CENTRE (X)	21-9	9	77	8.9	5.5	7.2	-	13.9	12	-2.5	30	-	-	15	-	6	4	9	5	4	0	0	0	0	3	-	-	-	0	-	-	-	-	-
ST JAMES PARK ...	9	9	4	9.1	4.1	6.6	+2.1	13.8	2	-2.8	30	-	-	17	33	6	4	10	6	-	0	0	0	0	3	-	-	-	0	-	-	-	-	-
SOUTHCOTE ...	9	9	67	(1.87)	(1.32)	(1.59)	(+2.4)	13.5	4	-4.0	28	(6.3)	-	21	40	8	4	9	7	3	1	0	0	0	9	14	-	-	0	-	-	-	-	-
WADDON ...	9	9	59	(1.86)	(1.35)	(1.61)	(+2.4)	13.5	2	-4.0	28	-	-	14	24	5	4	7	4	-	-	-	-	-	6	-	-	-	0	-	-	-	-	-
WEALSTONE ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WILTSHIRE																																		
BOSCOMBE DOWN ...	21-9	9	126	7.9	3.5	5.7	+2.4	12.7	2	-3.8	28	-	-	15	21	4	4	11	6	5	0	1	0	0	0	8	12	-	-	2	-	-	-	-
LADOCK ...	9	9	49	8.4	2.8	5.6	-	13.5	2	-3.2	26.31	-	-	18	27	4	4	11	8	-	0	0	0	0	0	11	13	-	-	2	-	-	-	-
LARKHILL ...	9	9	132	8.1	2.5	5.3	+2.2	13.2	2	-3.3	26.31	-	-	14	19	4	4	12	6	6	0	0	0	0	0	10	13	-	-	1	-	-	-	-
LYNEHAM ...	21-9	9	145	7.5	3.8	5.7	+2.6	12.5	2	-4.5	30	-	-	16	25	4	2.4	10	6	5	0	0	0	0	0	7	13	-	-	1	-	-	-	-
PORTON ...	9	9	110	8.0	2.2	5.1	+2.0	13.1	2	-3.3	26.28	5.7	-	16	25	4	4	10	5	-	0	0	0	0	1	7	13	-	-	1	-	-	-	-
UPAVON ...	21-9	9	179	7.2	3.0	5.1	-	11.8	2	-4.0	30	-	-	18	27	5	4	12	6	5	0	1	1	0	0	8	13	-	-	1	-	-	-	-
BERKSHIRE																																		
EASTHAMPTON ...	9	9	77	8.3	2.2	5.3	-	13.4	2	-6.6	28	5.9	7.0	15	-	7	4	9	4	3	0	0	0	0	0	11	14	-	-	0	-	-	-	-
HURLEY ...	9	9	43	8.3	2.0	5.1	-	13.4	2	-6.5	28	(5.8)	-	23	37	10	4	9	7	3	0	0	0	0	0	11	14	-	-	2	-	-	-	-
LAMBOURN (WARREN FARM)	9	9	192	7.2	2.0	4.6	-	11.6	2	-5.0	30	5.7	-	14	-	5	4	7	5	1	0	0	0	0	0	9	-	-	1	-	-	-	-	-
READING ...	9	9	66	8.4	2.9	5.7	-	13.4	2	-5.0	28	6.6	7.7	14	-	7	4	10	4	4	0	0	0	0	0	9	18	-	-	1	-	-	-	-
SHINFIELD (N.T.R.D.)	9	9	62	8.4	2.8	5.6	-	13.2	2	-4.8	28	-	-	13	-	6	4	10	4	-	0	-	-	-	1	8	-	-	-	-	-	-	-	-
SURREY																																		
MERRIST WOOD ...	9	9	46	8.3	2.8	5.5	-	13.4	2	-5.6	28	5.8	-	13	-	6	4	9	5	3	0	0	0	0	0	9	15	-	-	0	-	-	-	-
MICKLEHAM ...	9	9	55	8.2	2.3	5.3	+2.4	13.0	2	-6.9	28	5.5	6.7	15	22	5	4	9	6	4	2	0	0	0	3	11	19	-	-	0	-	-	-	-
WISLEY ...	9	9	35	8.5	2.8	5.7	+2.2	13.3	2	-6.6	28	5.8	7.1	16	29	6	4	10	5	3	3	0	0	0	2	8	13	-	-	2	-	-	-	-
KENT																																		
DOVER ...	9	9	6	8.2	4.0	6.1	+2.0	13.7	11	-2.7	31	6.5	7.5	31	44	14	4	9	7	5	0	0	0	0	7	10	-	-	4	-	-	-	-	-
DOVER R.M.S. ...	9	9	123	7.1	2.8	4.9	-	12.2	11	-3.6	30	-	-	38	48	18	4	9	7	4	3	0	0	0	0	7	-	-	2	-	-	-	-	-
DUNGENESS ...	9	9	3	7.8	3.5	5.7	-	13.2	11	-3.8	28	-	-	19	29	9	4	7	4	5	1	0	0	0	0	7	-	-	1	-	-	-	-	-
EAST HALLING ...	9	9	32	8.4	3.5	5.9	+2.6	13.1	2	-4.5	28	5.6	6.7	18	30	9	4	6	4	4	0	0	0	0	0	7	13	-	-	3	-	-	-	-
ELMSTONE ...	9	9	5	8.5	3.0	5.7	-	13.8	11	-3.7	28	-	-	12	21	3	24.26	6	4	2	0	0	0	0	0	9	12	-	-	1	-	-	-	-
FAVERSHAM ...	9	9	48	8.2	3.3	5.7	-	13.2	11	-4.5	28	5.9	7.1	17	29	8	4	9	5	4	2	0	0	0	0	9	13	-	-	0	-	-	-	-
FOLKESTONE ...	9	9	31	8.2	3.4	5.8	-	13.2	11	-3.6	30	-	-	7.1	26	39	11	8	7	5	0	0	0	0	0	8	9	-	-	8	-	-	-	-
GILLINGHAM ...	9	9	4	8.7	3.9	6.3	-	13.8	22	-5.2	28	-	-	15	30	8	4	8	3	-	-	-	-	-	8	-	-	-	-	-	-	-	-	-
GOUDHURST ...	9	9	85	7.6	2.6	5.1	+2.2	11.9	11	-5.3	28	-	-	18	22	8	4	10	5	3	2	0	1	0	0	9	16	-	-	1</				

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

JANUARY 1976

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. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE					AMOUNT (MM)	DATE																	
7A ENGLAND NW & I.O.M.																																	
CUMBRIA																																	
CARLISLE ...	21-9	26	7.2	3.5	5.3	-	11.3	2	-3.0	26	5.7	7.0	84	117	15	2	19	16	6	0	2	0	0	0	8	12	11	1	1.24	-	-		
CARTMEL ...	9 9	34	7.4	3.4	5.4	-	10.7	19	-2.8	24.26	-	-	146	19	2	23	20	2	2	0	0	0	0	0	9	18	-	5	6	-	-		
GRIZEDALE ...	9 9	91	7.3	2.5	4.9	-	11.0	16	-3.4	4	5.5	-	183	93	19	1	26	21	6	3	2	1	0	0	0	-	-	-	-	-	-		
HEVERSHAM ...	9 9	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
MOOR HOUSE ...	9 9	556	3.3	-0.7	1.3	-	7.7	10	-8.4	26	3.4	-	258	128	42	10	24	20	8	9	1	3	0	3	17	20	-	13	0.52	-	-		
NEWTON RIGG ...	9 9	171	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SELLAFIELD ...	9 9	13	7.9	3.6	5.7	-	12.2	4	-6.0	3	-	-	103	95	13	2	19	17	-	0	-	-	-	1	7	11	-	-	-	-	-		
LANCASHIRE																																	
BAILRIGG ...	9 9	53	7.3	3.5	5.4	-	11.5	2	-3.3	26	-	-	101	-	20	2	21	15	5	0	0	3	0	0	7	10	-	9	1.27	-	-		
HELMSHORE ...	9 9	260	6.2	2.3	4.3	-	10.5	2	-4.7	30	5.3	-	241	168	40	2	22	19	5	0	2	0	0	0	10	13	-	5	1.33	-	-		
KIRKHAM ...	9 9	24	7.7	3.7	5.7	-	11.7	2	-3.6	24	-	-	102	123	19	2	21	16	3	1	0	1	0	0	7	10	-	2	1.43	-	-		
MORECAMBE ...	9 9	7	7.5	4.1	5.8	+2.2	11.1	2	-1.6	26	-	-	104	120	19	2	22	16	2	0	1	0	0	0	4	-	-	-	-	-	-		
NELSON ...	9 9	165	6.7	2.8	4.7	+2.2	11.0	2	-3.6	31	5.1	6.7	182	175	31	1	19	18	-	-	-	-	-	0	8	13	-	2	0.62	77	S		
PRESTON ...	9 9	33	7.9	4.0	5.9	-	11.9	2	-1.8	26.31	-	-	111	127	21	1	21	18	3	0	2	0	0	0	7	12	-	0	1.20	-	-		
SLAIBURN ...	9 9	192	6.1	2.5	4.3	-	9.8	10	-3.2	24	-	-	222	146	34	2	21	18	4	3	0	1	0	0	8	12	-	0	1.43	-	-		
SOURCES GATE AIRPORT ...	21-9	10	7.8	4.6	6.2	+2.6	11.2	2	-1.9	30	-	-	89	120	15	2	18	14	4	0	0	1	0	0	8	9	-	3	1.43	-	-		
STONYHURST ...	9 9	115	(6.9)	(2.8)	(4.9)	(+2.1)	(10.7)	12	-3.0	26	-	-	199	176	35	1	22	18	-	0	-	-	-	8	11	-	-	-	-	-	-		
MERESIDE																																	
RIGBURTH ...	9 9	12	8.7	4.2	6.5	-	12.6	2	-1.9	31	-	-	78	-	16	1	18	15	3	0	1	2	0	0	5	-	-	4	-	-	-		
ST HELENS ...	9 9	76	7.9	-	-	-	12.5	19	-	-	5.8	-	96	-	20	1	17	15	-	-	-	-	-	-	-	-	-	-	-	-	-		
SOUTHPORT ...	9 9	5	7.8	4.0	5.9	+2.4	12.0	2	-2.1	24.26	6.1	8.5	93	130	19	2	17	15	-	-	-	-	-	6	9	-	-	-	-	-	-		
SPEKE AIRPORT ...	21-9	22	8.6	4.6	6.6	+2.5	12.4	1.2	-2.1	31	-	-	69	-	14	1	17	12	6	0	4	0	0	0	5	9	-	8	1.69	123	-		
WEST KIRBY PARK ...	9 9	8	9.1	4.8	6.9	+3.1	12.7	19	-1.4	31	-	-	65	100	12	1	17	14	0	0	1	0	0	-	2	10	-	0	-	-	-		
GREATER MANCHESTER																																	
BOLTON ...	9 9	107	7.5	3.3	5.4	-	11.9	2	-3.0	26	6.0	6.8	133	-	24	1	20	18	6	0	0	0	0	7	10	-	5	1.05	100	-	-		
MANCHESTER																																	
RINGWAY AIRPORT ...	21-9	75	8.0	4.3	6.1	+2.8	13.1	2	-2.8	30	-	-	91	128	17	1	20	16	6	0	1	0	0	0	5	9	-	8	1.33	105	-		
WEATHER CENTRE (X1)	21-9	69	8.2	4.9	6.5	-	12.6	2	-1.4	26	-	-	116	-	23	1	19	17	-	-	-	-	-	0	5	-	-	-	-	-	-		
CHESHIRE																																	
KNUTSFORD ...	9 9	65	8.1	3.4	5.7	-	12.5	2	-2.6	24	5.9	6.6	85	116	18	1	17	16	3	1	0	0	0	0	6	10	-	7	-	-	-		
MACCLESFIELD ...	9 9	152	7.1	2.7	4.9	+2.2	11.2	2	-5.0	25	-	-	94	118	18	1	20	18	5	1	0	0	0	0	0	-	-	3	-	-	-		
NESS GARDENS ...	9 9	55	8.7	(4.1)	(6.4)	-	12.6	2	-2.4	30	6.4	-	52	82	12	1	15	12	2	0	1	2	0	0	5	18	-	4	1.76	-	-		
WINNINGTON ...	9 9	20	8.5	4.2	6.3	+2.4	12.5	8.10	-1.5	26.30	-	-	78	117	19	1	17	14	4	0	0	1	0	0	6	8	-	4	-	-	-		
ISLE OF MAN																																	
DOUGLAS ...	9 9	87	7.8	4.5	6.1	+1.5	11.4	10	-1.9	26	-	-	142	121	33	1	18	16	1	2	0	0	1	0	3	9	-	17	1.54	86	-		
POINT OF AYRE ...	21-9	9	8.1	5.4	6.7	+1.5	12.4	2	0.4	30	-	-	89	111	13	2	19	15	1	0	0	0	0	0	0	-	-	13	1.43	86	-		
RONALDSWAY AIRPORT ...	21-9	16	8.5	5.2	6.9	+1.8	12.1	10	-1.6	26	-	-	113	125	21	1	21	15	4	0	1	4	0	0	5	8	-	5	1.58	90	-		
7B WALES N																																	
GWYNEDD																																	
ABER ...	9 9	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
BALA ...	9 9	163	7.5	2.6	5.1	-	11.3	10	-4.9	26	6.1	6.7	145	102	29	2	22	16	3	5	2	0	0	1	8	12	-	12	0.64	-	-		
BARDSEY ISLAND ...	21-9	16	8.9	6.5	7.7	-	12.0	2	-1.1	31	-	-	73	80	12	9	20	15	0	0	1	0	0	0	1	3	-	14	1.25	-	-		
BOTANNOG ...	9 9	34	9.0	4.6	6.8	-	11.2	1	-0.6	26	7.5	8.9	81	71	14	9	22	15	1	0	0	1	0	0	0	6	-	-	-	-	-		
CHWYSTROLLYN ...	9 9	204	7.5	(4.0)	(5.7)	-	11.0	5	-5.0	25	-	-	206	-	37	1	25	21	-	-	-	-	-	-	4	-	-	-	-	-	-		
LLYN ALW ...	9 9	44	8.5	4.0	6.3	-	11.5	2	-2.5	31	-	-	85	-	15	3	20	16	-	-	-	-	-	2	-	-	-	-	-	-	-		
PEN-Y-FFRID ...	9 9	84	7.8	3.7	5.7	-	11.1	2	-2.4	31	-	-	131	119	28	8	21	19	5	0	1	0	0	0	4	16	-	4	0.65	-	-		
TRAFYNYDD ...	9 9	193	7.2	(3.0)	(5.1)	-	10.8	2	-4.0	31	-	-	197	111	34	1	22	20	1	3	-	-	-	6	9	-	8	-	-	-	-		
VALLEY ...	21-9	10	8.8	5.7	7.3	+2.1	11.8	2.11	-1.6	30.31	-	-	52	58	10	2	19	14	3	0	2	2	0	0	2	7	-	7	1.20	65	-		
CLWYD																																	
ALWEN ...	9 9	335	6.0	1																													

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

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JANUARY 1976

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	MOST IN A DAY		PRECIP ITATION		SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	DEW MIN. C BELOW 0 DEG C	CONCRETE MIN. BELOW 0 DEG C	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE					AMOUNT (MM)	DATE	0.2 MM OR MORE	1.0 MM OR MORE													
8A WALES CONTINUED																															
WEST GLAMORGAN																															
MUMBLES HEAD	21-9	36	8.5	5.3	6.9	-	11.9	2	-3.1	31	-	-	53	43	10	1	18	13	3	0	1	0	0	0	4	5	6	9	-	-	-
NEATH	9-9	62	8.6	4.2	6.4	-	12.3	2	-3.2	31	-	-	-	-	-	-	-	-	-	-	-	-	-	0	4	10	-	-	-	-	
PENMAFN	9-9	85	8.4	4.5	6.5	-	11.6	2	-2.5	26.31	7.2	7.9	50	42	11	4	19	13	3	1	0	0	0	0	4	11	9	4	1.72	-	
PORT TALBOT	9-9	7	8.8	4.5	6.7	-	12.2	2	-3.0	26	-	-	38	35	8	4	15	10	2	1	0	0	0	0	5	5	1	2	1.44	-	
SWANSEA	9-9	8	9.0	4.8	6.9	+1.8	12.6	2	-1.8	31	6.5	9.0	49	42	10	4	16	11	1	0	0	0	0	0	3	-	-	1	-	-	S
MID GLAMORGAN																															
ABERGARE	9-9	174	(7.6)	(2.7)	(5.1)	-	11.3	2	-4.5	26	-	-	118	24	1	15	13	2	2	1	0	0	0	0	8	12	1	0	-	-	S
LLAYNON	9-9	242	6.7	2.1	4.4	-	10.4	2	-5.2	31	-	-	83	26	1	23	20	6	0	1	0	0	0	3	11	-	-	0	1.15	-	
PORHCRAWL	9-9	6	8.7	4.4	6.5	-	12.0	2	-2.6	26	-	-	40	40	11	4	17	12	1	0	0	0	0	3	6	-	-	6	1.51	-	
SOUTH GLAMORGAN																															
BRIDGEND	9-9	43	8.3	3.5	5.9	-	11.9	2	-3.4	26	7.1	8.6	57	15	4	18	11	-	-	-	-	-	-	9	14	-	-	-	-	-	
RHOOSE AIRPORT	21-9	67	8.0	4.8	6.4	-	12.4	2	-3.2	26	-	-	53	-	14	19	16	11	3	1	1	0	0	0	5	11	10	2	1.53	-	
GWENT																															
CRUMBLAND	9-9	245	7.2	2.7	4.9	-	11.1	1	-4.6	31	5.7	6.7	20	20	6	2	12	6	1	0	0	0	0	2	8	12	-	10	1.80	-	
NEWPORT	9-9	23	8.7	(3.4)	(6.1)	-	12.4	2.8	-3.1	26	7.1	-	36	33	7	4	14	7	1	0	0	0	0	0	5	9	-	1	1.45	-	
USK	9-9	21	-	2.4	-	-	-	-	-5.2	24	6.4	-	21	19	5	2	10	7	2	0	0	0	0	-	11	15	-	1	1.67	114	
8B ENGLAND SW																															
AVON																															
BATH	9-9	118	8.0	-	-	-	11.1	1	-	-	(6.8)	-	23	33	7	4	11	7	2	0	0	0	0	1	-	-	-	1	1.74	-	
FILTON	21-9	59	8.4	4.5	6.5	+2.6	12.6	2	-2.8	31	-	-	19	28	3	4	10	7	1	0	0	1	0	0	5	11	9	1	1.74	120	
LONG AITON	9-9	51	8.3	3.6	5.9	+1.8	13.2	2	-2.6	31	6.5	-	22	28	4	4	11	8	2	0	0	0	0	0	8	13	-	2	1.78	116	
SOMERSET																															
CANNINGTON	9-9	23	9.1	4.6	6.9	+2.3	13.5	2	-1.8	31	7.1	-	27	38	10	28	13	8	0	-	1	0	0	0	3	11	-	3	1.67	98	
DOWNSIDE ABBEY	9-9	183	7.4	2.6	5.0	-	12.0	2	-5.0	31	-	-	36	36	7	19	14	8	1	-	0	0	0	0	9	-	-	3	-	-	
EXTON	21-9	335	6.4	3.3	4.9	-	10.3	2.9	-4.6	31	-	-	38	20	28	17	12	7	2	2	2	1	0	0	9	12	9	0	-	-	
HAWKRISE	9-9	314	6.9	2.5	4.7	-	12.0	2	-4.4	31	-	-	93	58	16	28	20	17	2	3	1	1	0	2	9	13	-	3	1.13	-	
NETTLECOMBE	9-9	96	8.6	3.0	5.8	-	13.0	2	-4.2	26	6.8	-	97	50	2	12	11	0	0	0	1	0	0	0	7	12	-	0	-	-	
RODNEY STONE	9-9	40	8.6	3.7	6.1	-	13.3	2	-2.7	26	6.9	8.2	19	23	6	4	9	7	2	0	0	0	0	1	6	13	-	0	-	-	
WINCANTON	9-9	114	-	2.8	-	-	-	-	-3.0	30	-	-	20	23	5	3	12	8	2	1	0	0	0	2	10	13	-	1	-	-	
YEOVILTON	21-9	18	9.0	3.9	6.5	-	14.1	2	-3.5	15.26	-	-	11	15	2	4	11	4	3	0	0	0	0	1	9	10	9	1	-	-	
DORSET																															
BOURNEMOUTH																															
HURN AIRPORT	21-9	10	8.9	3.8	6.3	-	13.1	2	-3.8	4	-	-	10	11	4	4	9	3	3	1	0	1	0	1	10	13	12	0	1.95	-	
MEYRICK PARK	9-9	40	8.6	4.3	6.5	+2.2	13.1	20	-2.6	31	6.3	7.5	10	12	4	4	12	2	1	1	0	0	0	0	5	11	-	3	2.18	110	
CHRISTCHURCH	9-9	3	8.9	3.8	6.3	-	12.9	20	-2.5	31	-	-	10	12	4	4	8	4	1	0	0	0	0	0	8	14	-	0	-	-	
POOLE	9-9	5	9.0	3.6	6.3	+2.0	13.7	20	-3.0	31	6.8	8.0	10	12	4	4	9	3	1	0	0	0	0	0	8	10	-	0	2.08	106	
PORTLAND BILL (COASTGUARD)	21-9	53	8.5	(5.7)	(7.1)	(+1.1)	12.9	2	-3.8	31	-	-	14	-	9	30	5	2	2	1	0	1	0	0	3	1	3	6	1.74	-	
SWANAGE	9-9	11	8.9	4.9	6.9	+1.8	12.6	12	-1.8	31	-	8.8	11	13	5	4	9	2	1	1	0	0	0	0	2	7	-	5	2.08	109	
WEYMOUTH	9-9	23	9.5	4.7	7.1	-	12.5	2	-2.5	31	-	-	10	-	5	4	8	4	0	0	0	0	0	0	5	-	-	0	2.07	101	
WIMBORNE	9-9	26	9.0	3.8	6.4	-	12.5	2.10.12	-2.5	4.31	-	-	10	11	4	4	7	4	2	0	0	0	0	0	7	12	-	0	-	-	
DEVON																															
CHELDON BARTON	9-9	164	7.9	3.2	5.5	-	12.1	2	-3.1	26.31	7.0	-	45	-	8	28	16	12	4	1	1	1	1	0	8	11	-	1	1.22	-	
EXETER AIRPORT	21-9	32	9.0	5.0	7.0	+2.1	14.2	2	-3.2	26	-	-	24	29	13	28	8	5	6	1	1	1	0	0	9	10	9	1	1.30	75	
EXMOUTH	9-9	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HARTLAND POINT	21-9	91	8.2	6.6	7.4	+1.6	11.7	2	-1.5	31	-	-	34	42	13	28	14	9	1	0	0	3	0	0	2	2	1	9	1.04	58	
ILFRACOMBE	9-9	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NEWTON ABBOT	9-9	83	-	4.4	-	-	-	-	-3.1	4	-	-	27	23	11	28	10	9	3	1	1	0	0	0	4	10	-	1	1.45	76	
PLYMOUTH																															
MOUNT BATTEN	21-9	27	9.1	5.9	7.5	+1.6	13.2	2	-2.3	31	-	-	39	37	12	29	15	8	4	1	0	3	0	0	4	9	7	1	1.27	70	
THE HOE	9-9	36	8.9	5.3	7.1	+1.3	12.8	2	-1.5	31	7.8	8.9	38	36	12	29	13	9	3	0	0	0	0	0	3	10	-	2	1.35	72	
PRAWLE POINT	21-9	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PRINCETOWN	9-9	414	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SLAPTON	9-9	32	9.2	(4.8)	(7.0)	-	12.6	12	-2.																						

DISTRICT REGION/COUNTY AND PLACE	MAX. MIN.	TERMINAL HEIGHT OF OBSERVATION	AIR TEMPERATURE IN DEGREES C								MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL H 09 GMT)		WEATHER (NUMBER OF DAYS)										BRIGHT SUNSHINE									
			MEANS OF		DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY		PRECIP- ITATION	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	WIND TO 160 C	SECONDS OF WIND TO 160 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	9.0	3.6	6.3	-	12.5	11	-1.9	26	-	-	134	-	18	25	23	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BANAGHER CAUGH HILL ...	9	9	216	6.9	2.2	4.5	-	-	-	-2.5	25	-	-	197	-	25	2	27	26	7	5	0	0	0	0	0	0	0	0	0	0	0	0	0
CARMONEY ...	9	9	73	8.3	3.3	5.8	-	12.0	2	-2.0	31	-	-	132	-	14	1	29	24	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
COLERAINE UNIVERSITY ...	9	9	23	8.3	3.4	5.9	-	12.0	2	-0.6	31	5.8	7.4	115	-	14	1	25	24	9	2	1	3	0	0	0	0	0	0	0	0	0	0	0
COOLKEERAGH ...	9	9	3	8.9	3.8	6.3	-	12.2	2	-0.5	31	-	-	126	-	17	2	26	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DERRYNORD FOREST ...	9	9	88	7.6	2.8	5.2	-	11.2	11-16	-1.5	31	-	-	198	167	29	2	27	26	5	4	0	0	0	0	0	0	0	0	0	0	0	0	0
GARVAGH FOREST ...	9	9	88	7.6	2.7	5.1	-	11.2	7	-1.4	31	5.4	7.0	175	149	21	22	27	24	6	6	5	0	0	0	0	0	0	0	0	0	0	0	0
LOUGHMORE FOREST ...	9	9	174	7.1	2.4	4.7	-	10.8	2	-2.9	31	-	-	161	141	17	22	29	25	12	6	3	0	0	0	0	0	0	0	0	0	0	0	0
MONEYDIG ...	9	9	34	8.3	2.9	5.6	+2.1	11.8	2	-1.1	2-31	6.5	-	133	131	19	1	26	23	6	4	1	4	0	0	0	0	0	0	0	0	0	0	0
SOMERSET FOREST ...	9	9	43	8.0	3.4	5.7	-	11.4	19	-0.9	31	-	-	123	126	14	18	23	17	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TRAAD POINT ...	9	9	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ANTRIM																																		
ALDERGROVE AIRPORT ...	21-9	9	68	7.2	3.3	5.3	+1.8	11.7	2	-3.7	26	6.2	8.0	86	99	15	1	24	19	9	3	1	3	0	1	8	12	9	2	1.32	-	92	-	
ALTNAHINCH ...	9	9	226	6.5	2.1	4.5	-	10.5	12	-2.0	26	-	-	155	107	16	2	26	24	8	7	2	1	0	2	10	18	-	5	0.99	-	-	-	
BALLYLUMFORD ...	9	9	24	8.3	4.0	6.1	-	11.7	19	-0.2	1	-	-	104	-	20	1	22	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BALLYMONEY ...	9	9	55	8.1	2.8	5.5	-	11.4	11-19	-1.2	31	-	-	109	116	16	1	26	23	5	-	0	0	0	0	0	2	11	-	7	1.18	-	-	
BALLYPATRICK FOREST ...	9	9	152	7.3	3.2	5.3	-	11.0	2	-0.6	24	-	-	145	121	15	1	25	23	1	-	0	0	0	0	0	0	7	-	-	-	-	-	-
CARNOUGH ...	9	9	12	8.4	3.8	6.1	-	12.0	10	-0.1	28	-	-	140	-	18	1	25	24	2	-	0	0	0	0	4	0	-	-	-	-	-	-	-
DIVIS MOUNTAIN ...	9	9	363	5.8	1.5	3.7	-	9.4	2	-3.0	25	-	-	150	128	23	2	21	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GREENMOUNT ...	9	9	32	8.0	2.5	5.3	-	11.8	2	-3.6	25	5.9	-	98	118	19	1	24	19	2	4	0	0	0	0	-	-	8	10	-	-	-	-	-
KILROOT POWER STATION ...	9	9	12	8.4	3.9	6.1	-	12.5	4	-0.3	1	-	-	110	-	21	1	24	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LARNE ...	9	9	43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LISNAFILLIN ...	9	9	38	8.2	2.9	5.5	-	12.2	10	-2.3	26	-	-	109	114	16	1	27	22	4	2	0	0	0	0	0	6	14	-	-	1.47	-	-	-
LONTOWN ...	9	9	271	6.0	1.8	3.9	-	9.8	10	-3.5	26	5.0	-	151	110	20	2	27	24	6	8	1	0	0	6	12	16	-	10	1.22	-	-	-	
MALLUSK(HYDE PARK) ...	9	9	140	6.9	2.7	4.8	-	11.6	2	-2.0	24	-	-	131	-	27	1	26	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PARKMORE FOREST ...	9	9	235	6.3	1.7	4.0	-	9.9	10	-2.5	31	5.1	-	237	153	27	2	27	27	7	9	2	0	0	0	0	10	18	-	-	-	-	-	-
WOODBURN NORTH ...	9	9	217	6.2	2.4	4.3	-	10.2	2	-2.0	26	-	-	148	128	21	2	27	24	3	8	0	0	0	0	6	9	12	-	-	-	-	-	-
BELFAST																																		
MALONE ...	9	9	35	8.2	3.4	5.8	-	12.8	2	-1.5	27	6.4	-	103	-	21	1	22	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MILLTOWN ...	9	9	37	8.2	3.5	5.9	-	12.3	2	-1.3	24	-	-	103	-	24	1	22	20	4	3	0	1	0	0	0	5	13	-	11	-	-	-	-
NEWTOWNABBEY ...	9	9	32	8.2	4.4	6.3	-	12.9	2	0.4	4-24	6.5	-	119	121	23	1	23	20	4	5	4	0	0	0	0	0	13	8	3	1.68	-	-	-
ROSEBANK ...	9	9	47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ROSETTA ...	9	9	24	8.2	3.7	5.9	-	12.5	2-10	-0.7	28	-	-	99	110	26	1	22	20	2	3	0	0	0	0	0	4	-	-	-	-	-	-	-
STORMONT CASTLE ...	9	9	56	8.2	3.6	5.9	-	12.1	2	-1.0	26-27	6.0	7.4	96	106	21	1	23	21	3	2	0	0	0	0	0	4	12	-	4	1.59	-	-	-
DOWN																																		
BANGOR SEACOURT ...	9	9	15	8.3	4.6	6.5	-	12.1	10	0.7	24	6.9	8.5	84	-	21	1	21	17	3	1	0	0	0	0	0	0	1	-	4	-	-	-	-
BALLYWALTER PARK ...	-	-	11	-	-	-	-	-	-	-	-	-	-	79	93	15	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BALLYWATTICOCK ...	-	-	6	8.3	3.9	6.1	-	12.3	10	-0.8	26	-	-	76	97	19	1	21	17	2	1	0	1	0	0	0	3	6	-	3	1.79	-	-	-
CREIGHTONS GREEN ...	9	9	119	7.6	2.8	5.2	-	11.5	2	-2.5	26	-	-	90	92	24	1	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DOWNPATRICK ...	9	9	26	9.2	4.0	6.6	-	13.7	2	-1.0	24	-	-	82	-	23	1	18	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HELENS BAY ...	9	9	43	8.1	4.2	6.1	-	12.2	2	0.5	24-25	-	-	89	108	20	1	22	18	4	0	0	2	0	2	0	9	-	7	1.87	-	-	-	-
HILLSBOROUGH ...	9	9	116	7.4	3.0	5.2	+1.5	11.7	10	-1.6	24	6.3	7.6	92	109	17	1	25	20	3	0	0	0	0	0	0	6	12	-	1	1.31	-	90	-
KILKEEL ...	21-9	9	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KILLLOUGH ...	21-9	9	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MURLLOUGH ...	9	9	9	8.8	3.7	6.3	-	13.3	2	-1.2	25	6.1	7.1	98	-	25	1	20	14	1	0	0	0	0	0	0	6	7	-	5	1.96	-	-	-
ARMAGH																																		
ARMAGH ...	9	9	62	7.7	3.4	5.5	+1.6	12.0	2	-2.1	24	6.4	7.8	79	101	15	1	25	18	6	3	1	0	0	0	0	6	12	-	7	1.05	-	69	-
LOUGHGALL ...	9	9	25	8.2	3.9	6.1	-	12.6	2	-1.4	27	-	-	73	100	15	1	27	16	5	2	0	0	0	0	0	3	13	-	3	1.23	-	-	-
LURGAN ...	9	9	55	8.0	3.4	5.7	-	12.4	2	-2.8	27	6.4	7.7	83	106	16	1	25	17	2	-	0	0	0	0	-	6	13	-	-	1.07	-	-	-
PORTADOWN ...	9	9	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TANDRAGEE ...	9	9	43	8.6	3.6	6.1	-	13.0	2	-2.8	27	-	-	81	-	19	1	21	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TYRONE																																		
CARRIGANS ...	21-9	9	113	7.5	3.4	5.5	-	11.5	2	-2.2	25	-	-	157	150	26	2	27	24	8	3	3	2	0	0	1	7	14	-	2	0.88	-	-	-
COOKSTOWN ...	9	9	77	7.8	3.1	5.5	-	11.7	2	-1.3	24	5.9	-	113	120	19	1	26	22	4	2	0	0	0	0	0	7	12	-	-	1.48	-	-	-
LOUGH BRADAN ...	9	9	169	7.1	2.3	4.7	-	10.5	2	-2.2	24	-	-	227	174	25	2	27	27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
POMEROY FOREST ...	9	9	174	6.9	2.3	4.6	-	10.8	2	-2.1	25	-	-	147	135	27	28	27	26	5	4	0	0	0	0	2	10	15	-	-	-	-	-	-
STRABANE CONVENT ...	9	9	44	8.5	3.5	6.0	-	12.4	10	-1.9	31	-	-	158	176	19	2-28	28	25	7	2	5	0											

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

JANUARY 1976

	HEIGHT OF BAROMETER ABOVE MSL (METRES)	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT						VISIBILITY						WIND SPEED AND DIRECTION																							
			AT MSL (MB)	DIFFERENCE FROM 1941-70 AVERAGE	DRY BULB DEGREES C	DEPRESSION OF WET BULB DEGREES C	WET BULB DEGREES C	VAPOUR PRESSURE (MB)	RELATIVE HUMIDITY (%)	OKTAS						VISIBILITY						BEAUFORT FORCE																						
										0	1	2	3-5	6-7	8	SKY OBSERVED	0-39M	40-190M	200-390M	400-990M	1000-1900M	2000-3900M	4-9KM	10-19KM	20-39KM	40KM AND OVER	SPEED (KT)																	
																											34 OR MORE	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW					
																																								8 OR MORE	6-7	4-5	1-3	CALM
0 SCOTLAND N SHETLAND																																												
LERWICK	83	3	1005.7	-	2.8	-	6.0	-	6.8	0	1	3	15	12	0	0	0	0	0	0	0	2	3	5	20	0	2	11	10	7	1	4	1	0	1	5	3	7	9					
		9	1006.0	-2.1	2.9	-	6.0	-	7.1	0	0	0	3	14	14	0	0	0	0	0	0	0	6	5	11	14	0	4	9	11	7	0	7	1	0	0	7	5	8	3				
		15	1005.8	-	2.7	-	6.1	-	6.6	0	0	0	8	11	12	0	0	0	0	0	0	2	4	5	12	6	2	6	16	6	16	6	1	6	0	1	0	7	2	7	7			
		21	1006.1	-	2.8	-	6.1	-	5.9	0	4	5	12	10	0	0	0	0	0	0	0	0	7	8	14	0	0	3	9	13	6	0	7	1	2	3	3	8	5					
ORKNEY	26	3	1007.6	-	3.6	0.8	6.9	86	6.4	0	3	5	11	12	0	0	0	0	0	0	0	4	12	14	1	0	12	11	8	0	5	0	0	2	8	3	7	6						
		9	1007.7	-0.9	3.9	1.0	6.9	84	6.6	0	0	7	12	12	0	0	0	0	0	0	0	0	0	0	0	0	12	11	8	0	5	0	0	2	8	3	7	6						
		15	1007.4	-	4.1	1.1	6.9	82	6.4	0	2	4	16	9	0	0	0	0	0	0	0	2	5	7	16	1	2	6	16	5	2	4	2	0	1	7	2	10	3					
		21	1007.9	-	3.7	1.0	6.8	84	6.1	1	3	3	14	10	0	0	0	0	0	0	0	2	6	7	11	5	4	7	11	9	0	5	0	1	3	4	5	9	4					
WESTERN ISLES	7	3	1010.6	-	5.9	0.8	8.2	87	5.9	0	2	9	8	12	0	0	0	0	0	0	0	1	6	5	14	5	2	8	14	7	0	3	0	1	2	5	6	12	2					
		9	1010.5	+2.1	5.7	0.7	8.4	89	6.5	0	1	7	9	13	1	0	0	0	0	0	1	1	7	7	9	5	3	8	14	5	1	3	0	1	4	5	4	11	2					
		15	1010.0	-	6.0	0.9	8.2	86	6.7	0	0	5	14	12	0	0	0	0	0	0	0	2	4	12	8	5	3	10	12	6	0	2	1	1	5	4	5	9	4					
		21	1011.0	-	5.9	0.9	8.1	86	5.9	0	5	4	13	9	0	0	0	0	0	0	0	1	3	7	13	7	2	7	13	9	0	2	0	1	3	8	5	7	5					
STORNOWAY	5	3	1009.5	-	4.8	0.7	7.7	86	5.6	1	5	7	4	14	0	0	0	0	0	0	0	5	9	17	0	0	7	13	10	1	4	0	0	1	4	7	10	4						
		9	1009.3	+1.0	4.7	0.7	7.7	88	6.4	0	2	6	11	12	0	0	0	0	0	0	1	6	9	14	1	0	6	10	15	0	3	0	1	1	5	4	13	4						
		15	1009.1	-	5.2	0.8	7.8	87	6.5	0	2	4	14	11	0	0	0	0	0	0	1	0	6	11	8	5	2	5	13	10	1	4	0	1	4	1	7	8	5					
		21	1009.9	-	4.9	0.9	7.7	86	5.8	0	7	2	9	13	0	0	0	0	0	0	1	0	2	11	15	2	1	4	13	13	0	3	0	0	5	4	7	7	5					
HIGHLAND	113	3	1006.9	-	4.7	0.9	7.5	85	6.0	0	4	8	6	12	1	0	0	0	0	0	0	1	7	10	11	1	8	14	8	0	2	2	2	3	2	5	8	7						
		9	1007.0	-	4.7	0.8	7.5	87	6.9	0	1	5	10	15	0	0	0	0	0	0	0	0	4	8	12	7	3	5	15	8	0	5	1	3	2	3	2	10	5					
		15	1006.9	-	4.8	0.7	7.7	88	6.8	0	2	3	11	15	0	0	0	0	0	0	1	0	5	7	13	4	3	3	13	12	0	3	1	4	2	2	6	9	4					
		21	1007.2	-	4.5	0.7	7.6	88	5.8	0	5	7	4	14	1	0	0	0	0	0	1	0	5	5	9	11	3	4	13	11	0	3	2	4	3	1	7	9	2					
WICK	37	3	1008.5	-	3.4	1.0	6.7	84	6.2	0	3	5	16	7	0	0	0	0	0	0	1	0	9	16	5	0	10	13	8	0	2	1	0	2	8	5	7	6						
		9	1008.5	-0.4	3.6	0.9	6.8	85	5.4	0	2	5	15	9	0	0	0	0	0	0	0	2	4	6	15	4	1	8	11	11	0	4	1	0	3	6	6	7	4					
		15	1008.2	-	4.0	1.0	6.9	83	6.6	0	1	4	19	7	0	0	0	0	0	0	0	3	2	5	15	6	2	7	15	7	0	3	0	1	3	4	6	11	3					
		21	1008.8	-	3.2	0.9	6.6	84	5.6	0	6	4	13	8	0	0	0	0	0	0	1	2	7	14	7	1	7	14	9	0	5	1	0	3	3	7	9	3						
1 SCOTLAND E GRAMPIAN																																												
DYCE	59	3	1010.8	-	3.1	1.1	6.3	81	6.0	0	2	7	15	7	0	0	0	0	0	0	0	2	6	1	9	13	1	2	14	12	2	1	1	1	2	2	6	11	5					
		9	1010.6	+0.2	3.9	1.2	6.6	80	6.6	0	1	3	19	8	0	0	0	0	0	0	0	1	4	5	11	9	0	1	18	11	1	1	0	1	3	7	2	11	5					
		15	1010.1	-	4.8	1.4	6.8	78	6.4	0	4	2	15	10	0	0	0	0	0	0	0	1	6	7	10	6	0	4	15	11	1	2	0	1	3	3	5	6	10	7				
		21	1010.6	-	3.3	1.1	6.3	81	5.7	2	3	6	10	9	1	0	0	0	0	0	0	1	2	6	1	12	9	0	2	13	15	1	2	0	1	4	2	3	11	7				
FRASERBURGH	22	3	1009.9	-	4.3	0.6	7.7	91	5.3	3	2	11	2	13	0	0	0	0	0	0	0	0	9	22	0	4	5	15	7	0	1	1	0	2	5	6	12	4						
		9	1008.7	-1.1	4.6	0.5	7.8	91	7.0	0	1	5	4	21	0	0	0	0	0	0	0	0	10	21	0	2	8	16	5	0	4	0	0	3	8	4	8	4						
		15	1009.4	-	5.2	0.7	8.0	90	6.5	0	2	5	9	15	0	0	0	0	0	0	0	0	0	4	27	0	5	6	12	8	0	2	1	1	3	4	5	11	4					
		21	1009.9	-	4.7	0.6	7.9	91	5.3	2	5	7	3	14	0	0	0	0	0	0	0	0	0	8	23	0	4	5	12	10	0	1	2	0	4	3	8	7	6					
KINLOSS	6	3	1010.3	-	4.2	1.0	7.0	83	6.6	1	0	2	22	6	0	0	0	0	0	0	0	3	5	12	11	0	5	14	12	0	1	0	4	2	3	10	9	2						
		9	1010.1	+0.4	4.6	1.0	7.3	84	6.6	0	1	4	23	4	0	0	0	0	0	0	0	3	4	15	9	0	5	14	12	0	2	0	2	2	4	11	7	3						
		15	1009.7	-	4.9	1.2	7.2	81	6.4	0	1	6	18	6	0	0	0	0	0	0	1	0	5	6	10	9	1	6	12	10	2	2	0	2	3	1	11	7	3					
		21	1010.4	-	4.0	1.0	6.9	84	5.8	2	3	5	13	8	0	0	0	0	0	0	0	0	3	5	13	10	1	5	11	13	1	2	2	3	1	2	12	6	2					
LOSSIEMOUTH	6	3	1010.0	-	3.8	1.1	6.7	81	6.4	1	0	5	20	5	0	0	0	0	0	0	0	1	9	13	8	0	10	12	9	0	1	0	1	5	5	12	2							
		9	1009.8	-	4.3	1.1	6.9	81	6.5	0	1	5	18	7	0	0	0	0	0	0	1	2	4	14	10	0	8	16	7	0	2	0	3	2	4	6	10	4						
		15	1009.4	-	4.9	1.3	7.0	79	6.5	0	1	5	17	8	0	0	0	0	0	0	1	0	1	8	12	9	2	9	11	9	0	1	0	2	4	1	10	10	3					
		21	1010.1	-	3.9	1.1	6.7	81	5.5	2	6	3	11	9	0	0	0	0	0	0	0	7	4	9	11	2	6	9	13	1	2	1	3	1	2	11	8	2						
TAYSIDE																																												
USAN	35	9	1011.9	-	4.3	1.0	7.1	84	5.9	0	4	7	9	11	0	0	0	0	0	0	0	3	1	7	20	1	7	17	5	1	2	0	1	3	4	8	10	2						
		15	1011.4	-	5.7	1.3	7.4	80	5.5	0	7	4	12	8	0	0	0	0	0	0	0	0	1	4	6	20	1	11	9	9	1	5	0	1	3	1	7	12	1					
		21	1011.6	-	4.1	1.0	7.0	84	4.5	4	7	4	9	7	0	0	0	0	0	0	0	2	2	5	22	0	7	14	10	0	4	1	3	1	2	8	8	4						
		FIFE																																										
LEUCHARS	12	3	1012.3	-	3.7	1.1	6.7	83	5.5	0	5	6	13	7	0	0	0	0	0	0	1	4	5	9	12	1	2	16	8	4	1	1	2	1	6	13	2							
		9	1012.2	+1.4	4.1	1.1	6.8	81	5.8	0	5	7	13	6	0	0	0	0	0	0	1	0	5	3	10	12	1	2	16	12	0	2	0	3	2	0	7	14	3					
		15	1011.4	-	5.9	1.8	7.0	74	6.2	0	2	5	17	7	0	0	0	0	0	0	0	1	3	8																				

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

JANUARY 1976

HEIGHT OF BAROMETER ABOVE MSL (METRES)	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT					VISIBILITY						WIND SPEED AND DIRECTION																				
		AT MSL (MB)	DIFFERENCE FROM 1941-70 AVERAGE	DRY BULB DEGREES C	DEPRESSION OF WET BULB DEGREES C	VAPOUR PRESSURE (MB)	RELATIVE HUMIDITY (%)	OKTAS					0 - 39M	40 - 190M	200 - 390M	400 - 990M	1000 - 1900M	2000 - 3900M	4 - 9KM	10 - 19KM	20 - 39KM	40KM AND OVER	BEAUFORT FORCE						SPEED (KT)	N	NE	E	SE	S	SW	W	NW		
								MEAN	0	1 - 2	3 - 5	6 - 7											8	SKY OBSERVED	8 OR MORE	22-33	6-7	4-5										1-3	CALM
NUMBER OF OBSERVATIONS																																							
6 SCOTLAND W-CONTD. DUMFRIES & GALLOWAY																																							
ESKDALEMUIR	237	3	1014.3	-	3.3	0.7	7.1	88	5.8	2	6	2	4	17	0	0	0	0	1	2	6	14	7	1	1	3	17	9	1	2	2	2	3	7	10	2			
		9	1014.2	+2.0	3.7	0.8	7.2	88	6.9	0	2	3	7	19	0	0	0	0	1	0	9	11	8	2	2	0	0	14	8	2	2	1	1	2	5	11	1		
		15	1013.2	-	4.3	1.1	7.1	83	6.5	0	4	3	10	14	0	0	0	2	1	3	12	9	2	3	6	12	4	5	2	2	1	2	4	4	13	3			
		21	1013.4	-	3.5	0.8	7.1	87	5.6	2	2	9	7	11	0	0	0	1	0	5	11	11	1	5	4	12	9	1	2	2	0	3	2	8	10	3			
2 ENGLAND E & NE NORTHUMBERLAND																																							
BOULMER	-	3	1015.5	-	4.5	1.0	7.2	84	4.9	3	6	5	7	10	0	0	0	0	1	2	2	14	11	1	1	6	10	14	0	2	0	1	1	2	6	15	4		
		9	1015.5	-	4.8	1.0	7.4	84	6.3	0	2	6	14	9	0	0	0	0	2	3	5	12	9	0	0	5	18	8	0	3	0	1	1	5	6	12	3		
		15	1012.3	-	6.3	1.4	7.7	78	6.0	0	4	4	16	7	0	0	0	0	2	3	11	7	8	0	0	12	13	6	0	2	0	1	2	5	3	13	5		
		21	1012.4	-	5.1	1.2	7.4	82	4.9	6	4	3	8	9	1	0	0	1	0	2	3	5	9	11	0	0	6	15	8	2	2	1	2	1	4	4	11	4	
SEAHOUSES	12	3	1012.8	-	-	-	-	-	4.6	2	7	9	7	6	0	0	0	0	0	4	6	21	0	3	6	10	12	0	5	0	1	0	4	3	15	3			
		9	1012.7	-	-	-	-	-	6.2	0	9	17	5	0	0	0	0	0	1	4	6	20	0	2	8	14	7	0	3	0	1	1	5	5	15	1			
		15	1011.8	-	-	-	-	-	6.3	0	2	4	19	6	0	0	0	0	1	3	6	19	1	3	11	8	9	0	4	0	1	1	4	5	13	3			
		21	1012.0	-	-	-	-	-	5.0	5	4	4	12	6	0	0	0	0	1	7	5	18	0	1	9	11	10	0	2	1	2	0	6	3	14	3			
TYNE & WEAR																																							
NEWCASTLE	72	3	1014.5	-	5.1	1.4	7.2	79	5.8	4	0	5	10	12	0	0	0	0	1	3	11	11	4	0	0	1	16	13	1	3	0	1	1	3	5	14	3		
WEATHER CENTRE (X)		9	1014.5	-	5.0	1.2	7.3	81	6.6	0	2	2	19	8	0	0	0	0	2	8	9	10	2	0	0	0	18	12	1	1	1	2	1	4	2	15	4		
		15	1013.7	-	6.2	1.7	7.3	74	6.3	0	2	6	15	8	0	0	0	3	0	9	11	6	2	0	0	23	7	1	4	0	1	1	7	2	11	4			
		21	1013.6	-	5.4	1.4	7.2	78	5.4	3	3	5	12	8	0	0	0	2	3	6	13	6	1	0	1	16	14	0	1	0	3	2	4	2	16	3			
TYNEMOUTH	40	3	1014.2	-	5.3	1.1	7.7	82	5.2	4	3	7	6	11	0	0	0	0	0	21	10	0	2	4	14	10	1	1	0	1	1	4	1	16	6				
		9	1014.3	+2.0	5.2	1.0	7.7	84	6.4	0	2	5	14	10	0	0	0	0	3	4	21	3	0	0	7	16	7	1	2	0	1	1	5	1	18	2			
		15	1013.3	-	6.4	1.4	7.9	78	6.3	0	3	5	13	10	0	0	0	0	5	4	21	1	0	2	11	11	7	0	4	0	2	0	7	0	16	2			
		21	1013.3	-	5.6	1.2	7.8	82	5.1	4	4	7	7	9	0	0	0	0	1	2	25	3	0	1	7	10	12	1	3	0	3	0	3	2	16	3			
NORTH YORKSHIRE																																							
LEEMING	33	3	1015.4	-	5.0	1.3	7.2	79	5.4	3	4	4	13	7	0	0	0	0	1	0	4	2	12	1	3	15	12	0	3	1	0	4	2	1	16	4			
		9	1015.7	+2.7	5.2	1.2	7.4	81	6.1	0	5	2	16	8	0	0	0	1	0	3	3	0	15	9	0	2	15	13	1	1	1	5	1	5	13	3			
		15	1014.6	-	6.5	1.7	7.4	75	5.9	0	3	6	16	6	0	0	0	2	0	2	6	13	8	0	2	21	8	0	3	0	2	3	5	4	10	4			
		21	1014.3	-	5.2	1.2	7.4	81	4.9	2	4	9	10	6	0	0	0	2	2	1	1	16	9	0	6	12	13	0	3	2	0	4	1	5	11	6			
WHITBY C.O.	66	3	1014.5	-	5.5	1.3	7.4	81	4.9	3	6	5	7	10	0	0	0	0	0	1	8	11	11	2	11	9	8	1	2	3	0	1	3	5	13	3			
		9	1014.8	-	5.3	1.2	7.5	82	6.3	0	2	3	16	10	0	0	0	1	0	1	6	17	5	2	5	14	9	1	2	2	1	3	2	10	9	1			
		15	1014.0	-	6.6	1.6	7.7	76	6.8	0	0	7	11	13	0	0	0	0	1	3	7	13	7	6	6	12	6	1	2	1	1	2	5	4	10	5			
		21	1013.5	-	5.7	1.3	7.5	80	5.5	3	3	6	6	13	0	0	0	0	1	2	11	14	3	3	9	13	6	0	1	1	2	2	6	11	6				
HUMBERSIDE																																							
KILNSEA	16	3	1015.5	-	5.2	0.8	8.0	88	5.4	6	3	2	4	16	0	0	0	0	0	2	13	16	0	3	6	14	7	1	3	0	1	1	2	6	16	1			
		9	1016.0	+2.7	5.3	0.9	7.8	86	5.9	0	4	7	12	8	0	0	0	0	1	0	6	20	4	0	4	6	16	5	0	2	1	2	1	4	5	16	0		
		15	1015.2	-	-	-	-	-	5.5	0	1	6	13	11	0	0	0	0	1	3	7	17	3	0	3	9	14	4	1	2	1	2	1	7	10	4			
		21	1014.4	-	5.8	0.9	8.1	86	4.8	4	6	6	4	11	0	0	0	0	0	5	18	8	0	4	9	11	6	1	2	0	2	2	2	9	13	0			
LINCOLNSHIRE																																							
BINBROOK	112	3	1016.5	-	4.1	0.8	7.4	87	6.1	1	3	5	12	10	0	0	0	0	0	3	7	8	12	1	0	8	17	5	1	3	0	1	1	2	7	14	2		
		9	1016.9	-	3.9	0.7	7.4	89	6.2	0	3	4	15	9	0	0	0	1	0	2	1	7	14	6	0	4	22	5	0	1	1	2	0	4	6	14	3		
		15	1015.9	-	5.2	1.0	7.6	84	6.7	0	2	2	17	9	1	0	0	1	1	3	7	10	9	0	0	10	15	5	1	0	2	2	1	4	6	9	6		
		21	1015.2	-	4.6	0.8	7.6	87	5.5	3	4	4	9	11	0	0	0	2	0	6	9	3	11	0	1	7	19	3	1	1	1	2	1	8	14	2			
WADDINGTON	70	3	1016.7	-	4.5	0.9	7.4	85	5.7	5	1	3	12	10	0	0	0	0	2	2	3	10	13	1	0	3	12	16	0	0	0	2	2	0	8	15	4		
		9	1017.2	+3.3	4.5	0.8	7.5	86	6.0	0	4	4	18	5	0	0	0	0	1	5	3	9	10	3	0	2	16	13	0	0	0	2	3	0	11	10	5		
		15	1016.2	-	6.0	1.4	7.6	79	6.5	0	3	1	18	9	0	0	0	0	0	3	8	7	12	1	0	5	18	8	0	1	1	2	4	2	6	10	9		
		21	1015.5	-	5.2	1.0	7.7	84	5.2	4	3	4	10	9	0	0	0	0	2	2	5	10	11	1	1	3	15	12	0	0	2	2	0	9	13	3			
3 EAST ANGLIA NORFOLK																																							
COLTISHALL	17	3	1016.3	-	5.2	1.3	7.3	80	5.3	2	6	5	5	13	0	0	0	0	1	2	4																		

HEIGHT OF BAROMETER ABOVE MSL (METRES)	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY		CLOUD AMOUNT		VISIBILITY		WIND SPEED AND DIRECTION																												
		AT MSL (MB)	DIFFERENCE FROM 1941-70 AVERAGE	DRY BULB DEGREES C	DEPRESSION OF WET BULB DEGREES C	VAPOUR PRESSURE (MB)	RELATIVE HUMIDITY (%)	OKTAS					VISIBILITY					BEAUFORT FORCE																				
								0	1-2	3-5	6-7	8	SKY OBSERVED	0-35M	50-150M	200-350M	400-950M	1000-1900M	2000-3900M	4-9KM	10-19KM	20-39KM	40KM AND OVER	B OR MORE														
																								34 OR MORE	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW		
																																					SPEED (KT)	
NUMBER OF OBSERVATIONS																																						
4 MIDLAND COUNTIES																																						
WEST YORKSHIRE																																						
HUDDESFIELD DAKES	235	3	1016.2	-	3.7	0.5	7.6	92	6.8	0	1	3	9	18	0	0	0	1	0	0	3	3	12	13	0	2	0	2	0	2	6	16	3					
9	1016.8	-	3.9	0.5	7.6	90	6.1	0	2	7	12	10	0	0	0	0	0	0	0	0	2	2	14	12	0	2	0	2	0	1	4	3	10	9				
15	1015.5	-	5.1	0.8	7.8	87	5.1	0	4	3	14	10	0	0	0	0	0	0	0	0	4	9	12	6	0	2	0	2	1	4	5	12	5					
21	1015.2	-	4.4	0.7	7.6	87	5.5	2	5	4	8	12	0	0	1	0	0	1	0	0	5	5	15	6	0	1	2	1	2	1	2	16	6					
WILSDEN	267	3	1016.3	-	3.7	0.4	7.6	92	6.0	1	5	3	8	14	0	0	0	0	0	0	1	6	16	6	2	0	0	2	2	0	2	18	5					
9	1016.5	-	3.7	0.6	7.4	90	5.7	1	4	9	4	13	0	0	0	0	0	0	0	1	6	16	6	2	0	0	1	1	2	3	1	4	16	3				
15	1015.2	-	4.8	0.6	7.9	89	6.1	0	2	8	9	12	0	0	0	0	0	0	0	2	6	19	3	1	1	0	2	3	2	0	4	15	3					
21	1015.1	-	4.0	0.5	7.7	91	6.1	1	2	7	7	14	0	0	0	0	0	0	0	2	6	15	8	1	1	0	2	3	2	0	2	19	2					
SOUTH YORKSHIRE																																						
FINNINGLEY	15	3	1016.4	-	5.3	1.2	7.5	81	6.2	1	4	1	15	10	0	0	0	0	0	0	2	5	15	11	0	1	0	2	2	2	6	14	4					
9	1016.8	+ 3.3	5.1	1.1	7.5	82	5.7	0	5	5	14	7	0	0	0	0	0	0	0	0	2	17	11	0	1	0	2	3	1	7	13	4						
15	1015.7	-	6.7	1.6	7.8	77	6.2	0	4	4	13	9	1	0	0	0	0	0	0	1	4	22	5	0	2	0	2	2	4	5	11	5						
21	1015.2	-	5.4	1.2	7.5	81	5.0	1	7	5	12	6	0	0	0	0	0	0	0	0	6	10	14	1	1	2	1	1	1	6	14	4						
NOTTINGHAMSHIRE																																						
WATNALL	119	3	1017.3	-	4.8	0.9	7.5	85	5.9	2	5	1	11	12	0	0	0	0	1	0	3	10	18	0	1	1	1	2	1	6	16	3						
9	1017.8	+ 3.9	4.8	1.0	7.5	84	6.3	0	3	3	18	7	0	0	0	0	0	0	0	1	2	15	6	7	0	1	0	2	3	1	8	12	3					
15	1016.6	-	6.2	1.4	7.8	79	6.5	0	2	2	20	7	0	0	0	0	0	0	0	1	2	10	7	1	0	3	16	12	0	2	5	13	3					
21	1016.2	-	5.3	1.0	7.7	84	5.6	2	5	3	11	10	0	0	0	0	0	1	4	11	11	3	1	0	3	16	11	1	2	1	6	17	0					
SALOP																																						
SHAWBURY	76	3	1018.3	-	5.5	0.8	8.1	87	6.1	0	2	8	12	8	1	0	1	0	0	0	0	2	16	13	0	3	0	2	2	1	9	12	2					
9	1018.5	+ 4.5	5.3	0.8	8.0	87	6.1	0	3	6	15	7	0	0	0	0	0	0	0	1	4	6	19	1	0	1	0	2	3	1	4	18	2					
15	1017.2	-	7.0	1.2	8.5	82	6.3	0	1	7	18	5	0	0	0	0	0	0	1	0	3	15	13	0	2	1	2	3	2	5	12	4						
21	1017.2	-	6.2	1.0	8.3	85	5.8	1	3	5	13	9	0	0	0	0	0	0	1	0	2	6	22	0	1	3	13	14	0	2	1	7	13	3				
WEST MIDLANDS																																						
EDGBASTON	165	9	1018.8	+ 4.4	5.0	1.2	7.4	81	6.3	0	2	5	16	8	0	0	0	0	0	1	1	6	17	4	2	0	1	15	15	0	4	0	2	6	15	0		
15	1017.5	-	6.4	1.8	7.4	74	6.5	0	1	7	16	7	0	0	0	0	0	0	0	1	0	9	16	3	3	0	3	19	9	0	3	1	1	2	4	7		
21	1017.3	-	5.8	1.3	7.6	79	5.9	1	5	2	13	10	0	0	0	0	0	0	0	0	1	6	18	5	1	1	0	16	14	0	2	1	1	2	5	4		
ELMDON	100	3	1018.3	-	5.4	1.3	7.5	80	5.9	1	6	1	12	10	1	0	1	0	0	0	0	3	6	18	3	0	2	15	13	1	1	0	1	3	1	11	5	
9	1018.7	+ 4.3	5.2	1.2	7.4	80	6.1	0	4	4	17	6	0	0	0	0	0	0	0	0	4	18	8	1	0	2	15	14	0	0	0	2	1	3	7	12		
15	1017.5	-	6.9	1.8	7.5	73	6.5	0	0	5	20	6	0	0	0	0	0	0	0	0	0	5	21	5	0	0	3	20	8	0	2	1	3	4	13	6		
21	1017.3	-	6.1	1.4	7.7	78	5.9	0	6	4	9	12	0	0	0	0	0	0	1	6	13	11	0	1	2	15	13	0	0	1	1	2	7	11	8			
HEREFORD & WORCESTER																																						
PERSHORE	36	3	1018.8	-	5.4	1.2	7.6	82	5.0	1	7	6	9	8	0	0	0	0	0	0	0	1	2	8	13	7	0	3	10	17	1	0	1	1	3	4	10	8
9	1019.3	-	5.5	1.2	7.6	81	6.1	0	4	4	17	6	0	0	0	0	0	0	0	0	0	1	7	16	7	0	1	14	16	0	0	1	1	3	4	5	14	
15	1018.1	-	7.4	1.8	7.9	74	6.5	0	0	7	18	6	0	0	0	0	0	0	0	0	0	2	8	16	5	0	5	14	12	0	2	1	2	7	11	3		
21	1018.0	-	6.0	1.4	7.7	80	5.9	0	4	6	8	13	0	0	0	0	0	0	0	0	3	8	16	4	1	1	14	15	0	1	1	2	1	3	8	13		
GLOUCESTER																																						
INNSWORTH	-	3	1019.2	-	6.2	1.1	8.1	82	5.0	1	6	9	9	6	0	0	0	0	0	0	0	0	2	9	14	6	0	2	10	16	3	1	0	2	1	8	14	
9	1019.8	-	6.1	1.1	8.1	83	6.1	0	3	4	18	6	0	0	0	0	0	0	0	0	0	6	8	12	5	0	0	9	22	0	2	1	0	2	1	3	7	
15	1018.5	-	8.0	1.8	8.3	75	6.1	0	2	6	18	5	0	0	0	0	0	0	0	0	0	7	11	9	4	0	1	13	16	1	2	1	2	1	9	9		
21	1018.5	-	6.7	1.4	8.1	79	5.6	2	5	3	12	9	0	0	0	0	0	0	0	0	1	3	11	15	1	1	0	10	17	3	2	1	2	10	9			
LITTLE RISSINGTON	229	3	1019.3	-	4.5	1.0	7.3	84	4.9	1	9	5	7	9	0	0	0	0	0	0	0	0	3	6	15	7	1	3	16	11	0	2	1	1	2	1	4	17
9	1020.0	+ 5.2	4.1	0.9	7.3	85	6.1	0	4	2	19	6	0	0	0	0	0	0	0	0	0	3	8	17	3	0	1	19	11	0	0	1	2	2	1	7		
15	1018.7	-	5.8	1.4	7.5	78	6.5	0	2	5	16	8	0	0	0	0	0	0	0	0	0	5	16	5	0	5	19	7	0	0	3	2	1	2	7	11		
21	1018.5	-	4.8	1.1	7.4	83	5.6	3	3	4	9	12	0	0	0	0	0	0	0	0	0	6	9	12	4	1	4	16	10	0	1	2	1	2	0	7		
OXFORDSHIRE																																						
BENSON	74	3	1019.4	-	5.3	0.9	7.9	86	5.3	1	7	6	5	12	0	0	0	0	0	0	0	0	0	3	12	16	0	0	12	13	6	1	1	1	1	3	9	
9	1020.0	-	5.0	0.8	7.8	86	6.3	0	3	4	13	11	0	0	0	0	0	0	0	0	0	0	4	15	7	5	0	0	10	19	2	0	1	1	3	0	10	
15	1018.7	-	7.0	1.5	8.0	77	6.5	0	2	4	16	9	0	0	0	0	0	0	0	0	0	1	5	8	9	8	0	1	19	11	0	2	1	2	2	8		
21	1018.6	-	5.6	1.0	8.0	84	5.6	3	2	7	8	11	0	0	0	0	0	0	0	0	0	7	7	16	1	1	0	15	13	2	1	2	1	3	7	11		
BRIZE NORTON	92	3	1019.2	-	5.2	1.2	7.4	81	5.1	2	5	7	8	9	0	0	0	0	0	0	0	1	5	8	14	3	-	-	-	-	-	2	1	2	1	0	5	
9	1019.9	-	4.8	1.0	7.5	84	6.0	0	3	5	16	7	0	0	0	0	0	0	0	0	0	7	12	9	3	-	-	-	-	-	2	1	1	3	1	8		
15	1018.5	-	6.9	1.8	7.6	74	6.4	0	1	5	17	8	0	0	0</																							

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

JANUARY 1976

HEIGHT OF BAROMETER ABOVE MSL (METRES)	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT						VISIBILITY						WIND SPEED AND DIRECTION																											
		AT MSL (MB)	DIFFERENCE FROM 1941-70 AVERAGE	DRY BULB DEGREES C	DEPRESSION OF WET BULB DEGREES C	VAPOUR PRESSURE (MB)	RELATIVE HUMIDITY (%)	OKTAS						0 - 39M	40 - 190M	200 - 390M	400 - 990M	1000 - 1900M	2000 - 3900M	4 - 9KM	10 - 19KM	20 - 39KM	40KM AND OVER	BEAUFORT FORCE						N	NE	E	SE	S	SW	W	NW										
								MEAN	0	1 - 2	3 - 5	6 - 7	8											SKY OBSERVED	8 OR MORE	6-7	4-5	1-3	CALM																		
																																						NUMBER OF OBSERVATIONS									
5 ENGLAND SE & CENT. S.		-CONTO.																																													
HAMPSHIRE																																															
SOUTHAMPTON		9	3	1020.4	-	6.2	1.3	7.9	81	5.2	3	5	7	2	14	0	0	0	0	0	0	3	7	21	0	0	0	9	21	1	0	2	2	1	0	1	21	3									
WEATHER CENTRE (X)		9		1021.0	-	6.0	1.2	7.9	82	6.3	0	5	1	15	10	0	0	0	0	0	0	2	6	8	14	1	0	0	9	22	0	0	1	1	2	1	18	5									
		15		1019.8	-	8.2	2.2	7.8	69	6.5	0	2	4	19	6	0	0	0	0	0	0	6	8	17	0	0	0	13	18	0	0	1	2	0	1	18	6										
		21		1019.8	-	6.9	1.5	8.0	77	5.5	2	6	3	7	13	0	0	0	0	0	0	4	10	17	0	0	0	9	21	0	0	3	1	0	1	19	6										
WEST SUSSEX																																															
GATWICK		60	3	1019.5	-	4.6	0.9	7.6	86	5.5	0	7	4	12	8	0	0	0	0	0	0	3	6	8	14	0	0	1	14	14	2	1	1	1	0	8	12	5									
		9		1020.3	+ 4.9	4.7	0.9	7.7	86	6.5	0	2	4	15	10	0	0	0	0	0	1	2	13	11	2	0	0	1	14	16	0	1	3	1	3	9	10	3									
		15		1019.1	-	7.1	1.8	7.7	73	6.5	0	3	2	17	9	0	0	0	0	0	1	6	9	9	6	0	0	3	18	10	0	2	1	1	3	6	13	4									
		21		1018.8	-	5.5	1.0	7.9	84	6.2	2	4	1	7	16	1	0	0	0	0	1	2	10	8	2	1	1	14	13	2	1	1	2	1	0	10	11	3									
THORNEY ISLAND		5	3	1020.3	-	5.7	1.1	7.9	83	5.6	1	8	2	4	16	0	0	0	0	0	0	6	6	19	0	0	0	3	15	13	0	1	2	2	1	0	2	17	6								
		9		1021.0	+ 5.5	5.5	0.9	8.0	86	6.3	0	4	4	13	10	0	0	0	0	0	3	2	8	17	1	0	0	2	13	15	1	1	3	1	0	4	15	5									
		15		1019.9	-	7.5	1.8	7.9	73	6.2	0	3	4	19	5	0	0	0	0	0	0	5	6	16	4	0	0	3	20	8	0	4	3	1	1	2	4	13	3								
		21		1019.8	-	6.3	1.1	8.2	82	6.0	0	7	2	6	16	0	0	0	0	0	0	8	6	16	1	1	1	3	16	10	1	3	1	2	0	8	12	3									
7A ENGLAND NW & I.O.M.																																															
CUMBRIA																																															
CARLISLE		28	3	1014.8	-	4.9	0.8	7.8	86	6.3	1	2	5	9	14	0	0	0	0	0	0	2	7	8	11	3	0	1	19	11	0	1	0	2	2	3	2	19	2								
		9		1014.8	+ 2.4	5.3	0.9	7.9	86	6.4	0	4	3	11	13	0	0	0	0	0	0	1	4	10	11	5	0	3	16	12	0	2	0	2	1	5	2	17	2								
		15		1013.9	-	6.1	1.2	7.9	82	6.9	0	1	4	12	14	0	0	0	0	0	0	6	11	10	4	0	0	3	16	11	1	2	0	2	4	2	15	3									
		21		1013.9	-	5.2	0.9	7.9	85	5.9	1	4	4	12	10	0	0	0	0	0	0	1	8	10	8	3	0	5	14	12	0	1	0	3	3	1	4	15	4								
LANCASHIRE																																															
SQUIRES GATE		11	3	1016.8	-	5.8	0.8	8.3	86	5.9	2	4	2	11	12	0	0	0	0	0	1	0	5	11	13	1	0	8	17	6	0	4	0	2	3	1	6	12	3								
		9		1017.0	+ 4.0	5.8	0.9	8.1	85	6.6	0	2	3	18	8	0	0	0	0	0	0	5	15	9	2	0	0	9	14	7	1	2	1	2	4	0	4	13	4								
		15		1015.8	-	6.6	1.1	8.4	83	6.3	0	4	3	13	11	0	0	0	0	0	0	2	6	14	8	1	1	6	18	6	0	2	0	4	3	2	5	10	5								
		21		1015.8	-	6.1	0.9	8.5	86	6.4	1	3	2	10	15	0	0	0	0	0	3	5	14	9	0	1	1	8	15	7	0	3	0	3	4	0	5	14	2								
MERSEYSIDE																																															
SPEKE		24	3	1017.3	-	6.2	1.0	8.2	84	6.0	0	5	3	12	10	1	0	1	0	0	0	3	10	14	3	0	0	6	13	12	0	3	1	2	2	1	3	16	3								
		9		1017.5	+ 4.0	5.9	1.1	8.0	83	6.2	0	3	4	20	4	0	0	0	0	0	1	4	6	17	3	0	0	5	16	9	1	1	1	2	3	2	4	13	4								
		15		1016.3	-	7.2	1.4	8.2	79	6.0	0	4	4	14	9	0	0	0	0	0	0	5	14	10	2	0	0	8	16	6	1	2	0	3	4	1	2	13	6								
		21		1016.2	-	6.8	1.2	8.3	81	6.2	0	3	4	16	8	0	0	0	0	1	0	3	12	12	3	1	0	6	12	12	0	2	0	3	3	0	1	16	6								
GREATER MANCHESTER																																															
MANCHESTER		42	3	1017.5	-	5.7	1.1	7.8	82	6.7	0	3	0	18	10	0	0	0	0	0	0	1	12	14	4	0	0	1	13	17	0	3	0	3	2	4	3	13	3								
WEATHER CENTRE (X)		9		1016.3	-	7.0	1.5	8.0	78	6.8	0	1	4	15	11	0	0	0	0	0	0	9	15	7	0	0	0	3	17	11	0	2	1	3	1	5	11	5									
		15		1016.1	-	6.5	1.2	8.2	81	6.1	1	4	4	10	12	0	0	0	0	0	1	0	2	5	15	8	0	0	1	11	19	0	1	1	2	3	0	3	20	1							
		21		1016.1	-	6.5	1.2	8.2	81	6.1	1	4	4	10	12	0	0	0	0	0	1	0	2	5	15	8	0	0	1	11	19	0	1	1	2	3	0	3	20	1							
RINGWAY		84	3	1017.3	-	5.5	1.0	7.9	84	5.8	0	6	4	10	11	0	0	0	0	1	0	0	9	7	14	0	0	2	13	16	0	1	0	2	2	1	8	14	3								
		9		1017.7	+ 4.2	5.5	1.1	7.7	83	6.5	0	1	4	16	10	0	0	0	0	0	1	7	15	7	1	0	0	3	15	13	0	0	0	1	3	6	4	15	2								
		15		1016.4	-	6.8	1.5	7.9	77	6.7	0	1	3	19	8	0	0	0	0	0	0	2	7	15	7	0	0	5	16	10	0	3	0	3	2	3	4	12	4								
		21		1016.2	-	6.2	1.1	8.1	82	6.0	0	5	5	8	13	0	0	0	0	1	0	3	7	12	8	0	0	4	13	14	0	0	1	1	2	3	8	15	1								
ISLE OF MAN																																															
POINT OF AYRE		9	3	1015.8	-	6.7	1.2	8.2	82	6.0	0	6	4	9	12	0	0	0	0	0	0	0	7	9	15	2	0	8	14	6	1	0	3	0	1	3	1	5	15	2							
		9		1015.7	+ 3.9	6.7	1.1	8.3	83	6.4	0	0	10	8	13	0	0	0	0	0	0	0	8	13	9	3	0	14	9	5	0	3	1	1	2	3	8	13	0								
		15		1014.6	-	7.4	1.4	8.4	79	6.2	0	3	5	12	11	0	0	1	0	0	0	0	11	13	5	3	0	11	12	4	1	2	0	2	2	3	8	11	2								
		21		1015.2	-	6.8	1.3	8.1	79	5.2	2	7	6	4	12	0	0	0	0	0	0	2	4	11	14	1	0	12	14	4	0	2	1	2	4	0	4	14	4								
RONALDSWY		21	3	1016.5	-	6.6	1.1	8.3	82	6.2	0	3	7	4	17	0	0	0	0	0	0	1	7	16	7	1	0	9	15	6	0	5	1	2	1	1	6	14	1								
		9		1016.6	+ 4.4	6.5	1.1	8.2	82	6.5	0	1	6	13	11	0	0	0	0	0	0	0	17	10	4	3	0	7	13	8	0	2	1	2	1	3	7	12	3								
		15		1015.2	-	7.3	1.3	8.5	81	6.2	0	2	9	8	12	0	0	0	0	0	0	4	12	10	5	0	0	12	14	5	0	2	0	2	4	1	5	12	5								
		21		1015.9	-	6.7	1.2	8.2	81	5.9	0	3	9	7	12	0	0	0	0	0	0	0	9	16	6	3	0	8	11	9	0	3	2	3	2	1	4	14	2								
7B WALES N																																															

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

JANUARY 1976

STATION	HEIGHT OF BAROMETER ABOVE MSL (METRES)	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT						VISIBILITY						WIND SPEED AND DIRECTION																																					
			AT MSL (MB)	DIFFERENCE FROM 1941-70 AVERAGE	DRY BULB DEGREES C	DEPRESSION OF WET BULB DEGREES C	WET BULB DEGREES C	VAPOUR PRESSURE (MB)	RELATIVE HUMIDITY (%)	OKTAS						0 - 39M	40 - 190M	200 - 390M	400 - 990M	1000 - 1900M	2000 - 3900M	4 - 9KM	10 - 19KM	20 - 39KM	40KM AND OVER	BEAUFORT FORCE						N	NE	E	SE	S	SW	W	NW																			
										0	1 - 2	3 - 5	6 - 7	8	SKY OBSCURED											SPEED (KT)																																
																										18 OR MORE	22-35	11-21	1-10	0	N									NE	E	SE	S	SW	W	NW												
																																															NUMBER OF OBSERVATIONS											
88 ENGLAND SW																																																										
AVON																																																										
FILTON	61	3	1019.8	-	5.9	1.1	7.9	82	5.6	2	5	3	12	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	11	14	1	0	1	17	13	0	2	0	3	2	0	1	20	3	1											
		9	1020.3	+ 5.4	5.7	1.0	8.0	84	6.2	0	3	4	18	6	0	0	0	0	0	0	2	4	12	10	3	0	1	18	12	0	2	0	1	18	12	0	2	0	1	1	3	1	3	19	1	1												
		15	1018.9	-	7.5	1.9	7.8	73	6.4	0	1	5	18	7	0	0	0	0	0	0	0	7	6	15	3	0	6	17	8	0	2	1	1	1	2	3	16	5	2																			
		21	1019.0	-	6.4	1.3	8.0	80	5.8	3	3	2	12	11	0	0	0	0	0	0	2	8	9	12	0	0	5	13	12	1	2	1	1	1	2	2	19	2																				
SOMERSET																																																										
EXTON		3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-														
		9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-														
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-														
		21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-														
YEOVILTON	23	3	1020.8	-	6.3	1.3	8.0	81	6.1	1	2	7	6	15	0	0	0	0	0	0	1	0	9	21	0	0	0	4	9	14	4	1	0	2	2	0	3	12	7	7																		
		9	1021.2	-	5.9	1.2	7.8	82	6.4	0	3	4	12	12	0	0	0	0	0	0	1	0	1	0	1	0	0	3	10	12	6	1	1	1	2	1	5	10	4	4																		
		15	1020.0	-	8.4	2.2	7.9	70	6.3	0	2	6	14	9	0	0	0	0	0	0	0	2	5	19	5	0	0	5	16	9	1	2	1	1	2	0	4	13	7	5																		
		21	1020.0	-	6.9	1.6	8.0	78	5.8	1	7	3	3	17	0	0	0	0	0	0	2	4	24	1	0	1	4	12	11	3	1	1	1	3	0	5	12	5																				
DORSET																																																										
HURN	11	3	1020.4	-	5.6	0.9	8.1	86	5.8	1	4	7	5	14	0	0	0	0	0	0	1	4	7	19	0	0	0	11	17	3	1	1	2	1	0	5	13	5	5																			
		9	1021.1	-	5.5	1.0	8.0	85	6.5	0	4	1	16	10	0	0	0	0	0	0	1	5	12	12	0	0	0	12	18	1	1	2	1	1	1	1	8	13	3	3																		
		15	1019.9	-	8.0	1.9	8.0	73	6.4	0	3	2	22	4	0	0	0	0	0	0	2	4	10	15	0	0	2	18	11	0	3	1	1	2	2	5	12	5																				
		21	1019.9	-	6.2	1.2	8.1	82	6.1	3	1	3	11	13	0	0	0	0	0	0	1	4	14	12	0	0	1	12	17	1	3	0	2	1	1	6	15	2																				
PORTLAND BILL.C.G.	54	3	1020.5	-	7.3	0.6	9.5	90	5.5	3	1	12	0	15	0	0	0	0	0	0	0	7	16	8	0	2	8	15	5	1	6	0	1	3	1	0	13	6	7																			
		9	1021.1	-	7.1	0.7	9.2	89	6.6	1	0	4	13	13	0	0	0	0	0	0	1	6	12	12	0	1	10	14	5	1	5	1	1	2	0	1	13	7	6																			
		15	1020.0	-	7.8	0.8	9.5	88	6.4	0	1	8	10	12	0	0	0	0	0	0	1	2	4	10	14	0	3	8	17	3	0	2	0	2	0	1	16	5	5																			
		21	1020.1	-	7.3	0.7	9.3	89	5.2	5	2	7	3	14	0	0	0	0	0	0	1	4	16	10	0	4	9	14	4	0	6	1	1	3	0	2	12	6	6																			
DEVON																																																										
EXETER	38	3	1021.1	-	6.5	1.1	8.4	83	5.9	3	4	2	6	16	0	0	0	0	0	0	0	2	9	17	3	0	4	13	9	5	2	0	2	2	1	2	10	7	7																			
		9	1021.5	+ 6.3	6.2	1.1	8.2	84	6.5	0	3	2	18	8	0	0	0	0	0	0	1	0	2	5	16	7	0	1	14	12	4	2	1	1	2	4	1	10	6	6																		
		15	1020.3	-	8.1	1.7	8.4	76	6.7	0	2	2	20	7	0	0	0	0	0	0	0	0	8	19	4	0	5	14	10	2	3	1	1	2	0	3	10	9																				
		21	1020.5	-	6.8	1.2	8.3	82	5.4	2	7	2	8	12	0	0	0	0	0	0	0	3	8	15	5	0	3	14	11	3	1	2	0	2	0	3	9	11																				
HARTLAND POINT	93	3	1020.9	-	7.5	1.0	9.1	85	6.0	0	6	5	4	16	0	0	0	0	0	0	0	2	10	10	9	0	13	13	5	0	5	2	1	0	3	0	15	5																				
		9	1020.8	-	7.3	0.9	9.1	86	7.0	0	1	3	13	14	0	0	0	0	0	0	1	2	7	11	10	1	12	13	4	1	4	1	1	0	4	1	14	5																				
		15	1019.8	-	7.8	1.0	9.2	85	7.0	0	0	4	15	12	0	0	0	0	0	0	1	2	8	12	8	4	10	13	3	1	5	1	1	1	1	0	17	4	4																			
		21	1020.1	-	7.6	1.0	9.1	85	6.1	1	2	7	5	16	0	0	0	0	0	0	0	2	10	10	9	3	11	12	3	2	4	1	1	1	2	0	13	7	7																			
MOUNT BATTEN	28	3	1021.7	-	7.2	0.9	9.0	87	6.0	4	3	1	7	16	0	0	0	0	0	0	1	5	15	10	0	0	2	15	12	2	5	1	3	1	2	0	12	5																				
		9	1022.0	+ 6.8	7.3	1.0	9.0	86	6.7	0	3	1	14	13	0	0	0	0	0	0	4	6	9	10	2	0	1	14	15	1	5	1	2	1	3	1	11	6	6																			
		15	1020.8	-	8.5	1.4	9.2	81	6.7	0	2	3	16	10	0	0	0	0	0	0	1	7	8	12	3	0	4	21	5	1	4	1	2	1	1	3	10	8																				
		21	1021.2	-	7.5	1.1	9.0	85	6.1	3	2	2	9	15	0	0	0	0	0	0	0	11	12	7	1	0	5	12	11	3	6	0	1	3	1	2	9	6																				
PRAWLE POINT	-	3	-	-	-	-	-	-	5.6	5	0	7	3	16	0	0	0	0	0	0	1	5	8	16	1	5	10	11	2	3	5	0	1	1	2	0	12	7																				
		9	-	-	-	-	-	-	6.9	0	3	1	7	20	0	0	0	0	0	0	1	4	7	19	0	4	8	12	3	4	2	1	2	0	3	0	15	4																				
		15	-	-	-	-	-	-	6.4	0	3	5	11	12	0	0	0	0	0	0	5	9	16	1	9	9	7	5	1	2	2	3	0	2	0	17	4																					
		21	-	-	-	-	-	-	6.1	2	3	4	4	18	0	0	0	0	0	0	1	6	8	16	0	7	9	8	6	1	5	1	1	1	2	0	15	5																				
CORNWALL																																																										
GWENNAP HEAD	70	3	1021.3	-	8.2	1.2	9.1	82	6.5	2	0	5	5	19	0	0	0	0	0	0	4	5	22	0	0	12	13	5	1	5	1	1	1	2	9	11	0																					
		9	1021.4	-	8.1	1.2	9.2	84	7.0	0	0	5	8	18	0	0	0	0	0	1	0	5	14	9	2	1	11	12	6	1	3	1	2	0	3	10	8	3																				
		15	1020.3	-	8.6	1.3	9.3	82	7.0	0	1	4	6	20	0	0	0	0	0	0	10	9	8	4	2	10	14	3	2	3	1	1	1	1	11	8	3																					
		21	1020.7	-	8.1	1.2	9.1	83	5.6	2	6	4	2	17	0	0	0	0	0	0	4	11	14	2	2	9	15	3	2	5	2	1	1	0	10	8	2																					
ST MAWGAN	107	3	1021.7	-	7.2	1.2	8.6	83	6.9	0	1	4	8	18	0	0	0	0	0	0	1	4	6	17	3	0	6	16	7	2	5	1	1	3	1	4	11	3																				
		9	1021.9	+ 7.3	7.1	1.0	8.8	85	6.9	0	1	4	11	15	0	0	0	0	0	0	2	10	3	12	4	0	4	14	12	1	3	1	2	2	3	4	11	4																				
		15	1020.7	-	8.0	1.5	8.6	78	6.8	0	2																																															

TABLE 6 SUMMARY OF AUTOGRAPHIC RECORDS OF WIND

19
JANUARY 1976

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					
CONTINUATION OF DISTRICT 3 EAST ANGLIA																											
SUFFOLK	WYTON	45	10	10	2	3						5	13	66	461	185	27	0	13.8	260	47	2	22	270	76	2	2248
	HONINGTON	60	13	13	2	3						6	12	85	503	124	26	0	14.7	270	48	2	22	280	78	2	2254
	WATTISHAM	105	17	10	2	3						6	11	80	480	167	11	0	14.6	260	49	2	22	250	84	2	2136
BEDFORDSHIRE	BEDFORD	94	13	9	2	3						7	14	64	436	215	22	0	13.7	260	45	2	21	270	70	2	2205
HERTFORDSHIRE	CARDINGTON	70	41	41	1-3	20						15	16	134	433	149	13	0	16.5	260	54	2	21	270	83	2	2136
	GARSTON	94	15	10								0	3	5	204	463	72	0	8.8	250	31	2	21	250	68	2	2106
ESSEX	ROTHAMSTED	141	13	10								0	3	13	259	332	135	5	8.7	240	30	2	21	240	68	2	2100
	SHOEBURYNESSE	17	14	12								0	5	53	377	286	28	0	12.1	240	32	2	21	240	60	2	2124
	STANSTED	108	10	10	2							4	7	36	386	289	29	0	11.9	240	41	2	21	240	71	2	2130
4 MIDLAND COUNTIES																											
SOUTH YORKSHIRE	FINNINGLEY	19	10	10	2	3	22					4	12	96	376	224	44	0	13.5	270	48	2	22	270	79	2	2224
	SHEFFIELD																										
	UNIVERSITY	146	29	15	2							2	10	74	341	257	64	6	12.4	270	38	2	22	260	83	2	2212
NOTTINGHAMSHIRE	WATNALL	130	13	10	2							1	10	57	400	243	43	0	12.5	280	38	2	22	280	71	2	2212
STAFFORDSHIRE	KEELE	215	15	10								0	3	12	271	332	129	0	9.2	280	33	2	21	300	75	2	2142
LEICESTERSHIRE	COTTESMORE	143	13	13	DEFECTIVE RECORD																						
SALOP	SHAWBURY	84	12	10	2							5	12	61	381	253	44	0	12.4	240	43	2	19	260	69	2	2030
WEST MIDLANDS	BIRMINGHAM																										
	EDGBASTON	196	36	22	2							1	5	15	351	315	62	0	10.5	270	35	2	20	270	70	2	2100
	ELMDON AIRPORT	104	10	10	2							4	9	66	407	236	31	0	13.1	270	44	2	21	260	73	2	2118
HEREFORD & WORCS	PERSHORE	47	10	10	2							4	10	67	335	281	57	0	12.2	260	47	2	20	260	76	2	2036
GLOUCESTERSHIRE	FAIRFORD	88	10	10	2							3	12	58	405	231	47	0	12.6	250	48	2	20	250	74	2	2018
OXFORDSHIRE	LITTLE RISSINGTON	237	12	12	1	2						6	11	109	418	204	7	0	14.8	270	48	2	20	230	72	2	1936
	BENSON	67	10	10	2							1	4	15	356	259	113	0	10.2	240	38	2	20	230	66	2	2024
	BRIZE NORTON	91	13	10	2							1	7	25	344	319	55	0	11.0	250	34	2	20	250	71	2	2006
5 ENGLAND SOUTHEAST & CENTRAL SOUTHERN																											
GREATER LONDON	HAMPTON	42	31	30	2							1	5	23	311	278	131	0	9.8	250	35	2	21	250	63	2	2136
	HEATHROW AIRPORT	34	10	10								0	4	23	305	385	31	0	10.5	270	29	2	21	280	56	2	2124
	KEW	28	23	15								0	3	25	338	286	95	0	10.3	260	29	2	21	260	69	2	2130
	LONDON WEATHER CENTRE	93	70	38	2							1	9	57	509	164	13	0	14.3	250	34	2	21	260	66	2	2136
WILTSHIRE	POST OFFICE TOWER				174	1-3	20					19	23	250	386	82	7	0	18.9	250	52	2	21	260	76	2	2136
	BOSCOMBE DOWN	130	17	17	2							3	12	81	396	216	48	0	13.4	270	39	2	21	260	58	2	2012
	LARKHILL	145	13	10	2							3	12	90	357	259	35	0	13.2	260	36	2	21	250	71	2	2006
KENT	PORTON	120	10	10	2							2	7	26	380	274	62	0	11.7	270	36	2	21	280	58	2	2200
	DUNGENESS	16	10	10	2							3	12	114	453	155	19	0	14.9	260	36	2	21	260	60	2	2148
	ISLE OF GRAIN	15	12	10	DEFECTIVE RECORD																						
	MANSTON	62	18	18	2							4	8	65	471	191	13	0	13.8	240	38	2	21	240	60	2	2142
HAMPSHIRE	FARNBOROUGH	75	10	10								0	2	8	278	363	92	3	9.5	250	28	2	21	250	57	2	2136
	MIDDLE WALLOP	94	10	10	2							2	8	30	349	278	66	19	11.7	270	38	2	21	270	58	2	2200
WEST SUSSEX	GATWICK AIRPORT	69	10	10	2							3	6	23	385	237	96	0	11.2	230	36	2	20	230	56	2	2106
	THORNEY ISLAND	16	10	10	2							4	7	60	377	252	51	0	12.4	240	39	2	20	240	56	2	2030
7A ENGLAND NORTHWEST AND ISLE OF MAN																											
CUMBRIA	CARLISLE	41	13	9								0	10	87	388	208	61	0	12.8	300	32	2	21	310	66	2	2154
	GREAT DUN FELL	857	10	10	2-8	10-14	16	18-24	28-31			336	25	264	108	30	6	0	32.9	250	75	20	06	260	110	20	0618
	MOOR HOUSE	595	13	12	2	3	7	8	10-12	14	19-22	117	25	264	254	63	18	18	22.8	280	55	2	21	280	84	2	2136
	SELLAFIELD	25	12	11	2	30						2	8	98	256	288	100	0	11.6	290	34	2	20	300	57	2	2106
LANCASHIRE	FLEETWOOD	34	15	9	2	3	14	20	21			32	19	200	370	111	20	11	17.8		49	2	21		79	2	2036
	SQUIRES GATE AIRPORT	22	12	11	2	3	20					8	16	163	411	152	10	0	16.2	300	41	2	21	300	69	2	2048
MERSEYSIDE	ALBURN	38	23	11	2	3	10					11	15	138	389	153	47	6	15.2	240	42	2	20	270	82	2	2036
	SPEKE AIRPORT	30	10	10	2							3	15	157	364	164	56	0	15.1	270	42	2	20	290	66	2	2100
GREATER MANCHESTER	MANCHESTER																										
	RINGWAY AIRPORT	80	10	10								0	10	72	395	246	31	0	13.1	290	33	2	21	260	61	20	0812
	WEATHER CENTRE	82	45	17	2							1	11	67	360	286	30	0	12.5	300	34	2	21	300	66	2	2218
ISLE OF MAN	POINT OF AYRE	20	10	10	2	3	20	29				28	22	227	353	96	25	15	18.5	300	49	2	20	300	74	2	2030
	RONALDSWAY	25	10	10	2	20	29	30				36	21	226	318	128	36	0	17.7	300	43	2	20	300	73	2	1954
7B WALES NORTH																											
GWYNEDD	VALLEY	26	16	12	1-3	20	29					18	24	244	358	107	17	0	18.6	290	45	2	20	290	82	2	1954
8A WALES SOUTH																											
DYFED	ABERPORTH	144	10	10	1	2	28	30				16	19	242	368	112	6	0	18.9	220	52	2	18	220	70	2	1842
	BRAWDY	121	10	10	2							6	16	132	445	122	39	0	15.5	250	46	2	18	250	66	2	1818
	MILFORD HAVEN	47	10	10	1	2						12	12	104	440	142	46	0	15.0	260	55	2	18	260	78	2	1842
WEST GLAMORGAN	PORT TALBOT	28	12	11	2						4	13	147	299	193	101	0	13.2	260	40	2	19	260	78	2	1900	
MID GLAMORGAN	CILFYNYDD	210	16	16	1	2					7	11	59	422	145	100	11	13.3		47	2	19		84	2	1924	
SOUTH GLAMORGAN	RHOOSE AIRPORT	74	10	10	2																						

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

(x) Urban rooftop site.

MONTHLY WEATHER REPORT

FEBRUARY

1976

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

VOLUME 93

NUMBER 2



Alternating cold and mild spells; mainly dry.

Pressure was high to the north-east of the British Isles until the 6th and an east or south-easterly airstream covered the country. As the Scandinavian anticyclone drifted south-eastwards on the 7th, frontal troughs moved in from the Atlantic and a westerly airstream became established. A depression with associated fronts which approached north-west Scotland on the 12th, turned south-east to reach the southern North Sea by the 13th; winds became north-easterly for a short time, but were later variable as a ridge built behind the depression. A cold front from the north-west then moved south-eastwards on the 15th, but gradually weakened as pressure continued to rise. A high-pressure centre formed over southern Scandinavia and winds became east to south-east again, but the anticyclone had moved east by the 18th and the airstream became more southerly. Fronts began to edge in from the west on the 21st and a south-west to westerly airflow soon predominated, but with high pressure to the south of the British Isles, fronts mainly affected northern districts.

Weather

The weather was cold at first and although amounts were generally small, outbreaks of rain, snow or sleet occurred in many areas and freezing drizzle fell in England and Wales. It became milder with sunny periods from the 6th, but most districts had some rain and there was snow in the north. Cooler conditions returned generally around mid month, and a little snow fell in places, but the weather became milder again towards the end of the third week and fog, which developed most frequently from about this time, was slow to clear in places on the 20th and 21st. The last week was often mild and there were gales in the north. Isolated thunderstorms occurred during the month.

Wind

Fresh or strong winds were often reported on exposed coasts of northern Britain. Directions were mainly east or south-easterly during the first week and between south-west and north-west later. By the 13th, however, winds had become north to north-easterly in many areas and gales were reported on eastern coasts. Winds were generally lighter from the 14th to 22nd and directions were mostly variable or south-easterly, but from the 23rd until the end of the month south-west to west winds prevailed and there were gales at times in the north. The high-level station at Cairngorm (Highland Region) recorded a gust of 90 kt on the 24th and gusts of 70 and 74 kt were recorded on the 29th at Kirkwall (Orkney) and Lerwick (Shetland) respectively.

Temperature

Monthly mean temperatures were above average almost everywhere, but were near normal in coastal districts of southern England and in South Wales and the Channel Islands. In parts of the west Midlands, however, and north of a line from the

Wash to Merseyside to County Tyrone (excluding extreme north-west Scotland and the Western Isles) values ranged from 1 to 2 degC above average. On the east coast of Scotland mean temperatures around Aberdeen exceeded the average by more than 2 degC. This is the sixth successive year in which monthly mean temperatures for February have been above normal in Scotland and in England and Wales taken together. The month started cold, however; on the night of the 1st/2nd the temperature at Lagganlia (Highland Region) fell to -14.9°C and in parts of southern England and South Wales temperatures occasionally remained below 0°C all day. It became generally milder from the 6th and although colder weather returned around mid month, the last week was very mild in many districts, with temperatures reaching at least 15.0°C in widely scattered places. The temperature of 16.6°C recorded at Aberdeen/Dyce Airport on the 25th has only been exceeded in Scotland during two Februarys this century.

Rainfall (including melted snow)

Monthly rainfall totals ranged from 100 to about 150 per cent of average in parts of northern, western and southern Scotland and slightly exceeded the average in a few scattered places in Wales, the western half of England and the Channel Islands. Rainfall was below normal elsewhere, and in England and Wales this was the fifth successive month with less than average rainfall. Some eastern districts of England were particularly dry: several places had monthly totals of less than 10 mm with as little as 7 mm in parts of Humberside. Although amounts were often small, rain fell on a number of days in the month; the wetter periods were broadly from the 9th to the 12th (Winstitchen (Somerset) recording 75.3 mm in 16 hours 6 minutes on the latter date) and from the 21st to the 24th.

Snow

Snow or sleet fell in many areas until the 6th, but although amounts were generally small, drifted snow still lay in the

West Country from heavy falls at the end of January. Snow and sleet showers from the 10th to the 12th mainly affected northern districts and on the 11th depths of about 23 cm were measured in undrifted snow at one or two places in Scotland. Showers of snow or sleet were occasionally reported in the third week and at the end of the month, but amounts were negligible. Snow lay on the higher slopes of the northern mountains throughout the month, although there was a slight thaw from the third week.

Sunshine

Monthly sunshine totals were above average in parts of northern Scotland and west Wales, and in an arc from North Wales to Cheshire to the north-west Midlands, but were below normal everywhere else. Much of southern Scotland and many places in extreme southern England, mainly along the coasts of Dorset, Hampshire and Sussex, and also the Isle of Wight and Guernsey, had less than half their usual February sunshine, but in spite of this sunny days did occur during the month.

Fog

Fog was mainly reported between the 3rd and the 10th and from the 19th to the end of the month. Although the fog was often patchy, dispersing by morning, it was extensive and slow to clear in eastern, central and southern districts of England on the 7th and on the 20th and 21st. Freezing fog was reported in Fife on the night of the 19th/20th. Fog was frequently reported from the 24th along south and south-western coasts and persisted in the English Channel area. On the night of the 24th/25th the Hastings lifeboat rescued the crew of a coaster which had collided in fog with another vessel off Beachy Head. Hill fog also occurred during the month and was sometimes accompanied by precipitation.

Miscellaneous Phenomena

In Scotland the aurora was observed on 2 nights.

Table 1 District values

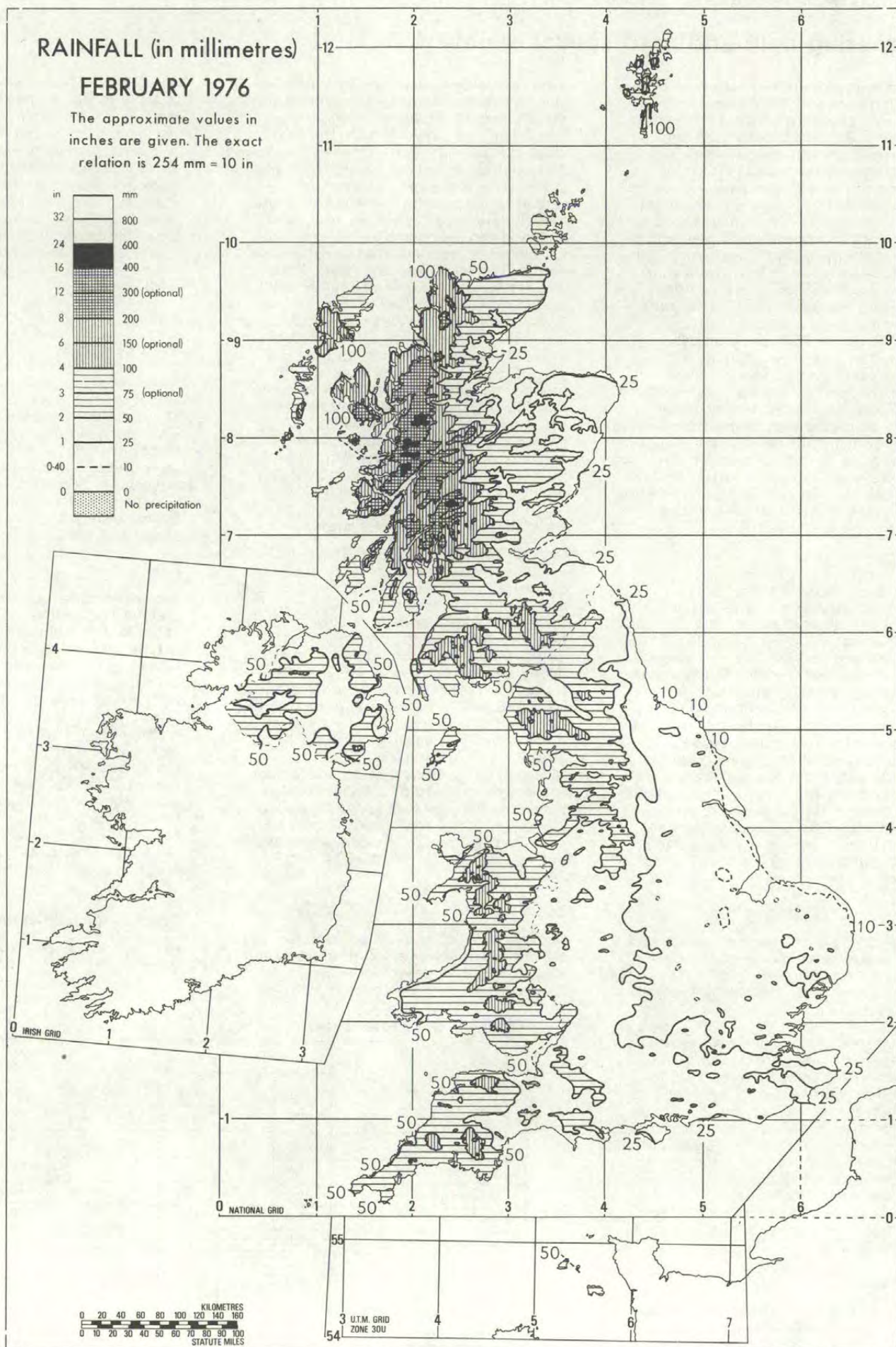
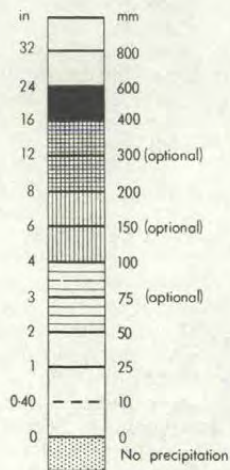
District	air temperature °C					mean 30-cm earth temp °C	rain- days	rainfall	sun- shine			
	Highest	Lowest	max.	min.	mean							
	Max.*	Min.*	difference from average							% of average		
0 Scotland N	12.8	-6.3	+1.0	+1.5	+1.3	+0.4	-3	96	87			
1 Scotland E	14.5	-8.9	+1.3	+2.3	+1.7	+1.3	-3	66	66			
2 England E & NE	15.1	-4.5	+0.8	+1.4	+1.1	+0.7	-1	42	70			
3 East Anglia	15.0	-3.9	+1.2	+0.2	+0.7	+0.5	-3	43	72			
4 Midland Counties	15.5	-4.4	+0.7	+1.3	+1.0	+0.5	+1	64	74			
5 England SE & Central S	14.2	-3.0	+0.3	+1.0	+0.7	+0.3	-2	57	56			
6 Scotland W	12.7	-6.1	+0.8	+2.1	+1.4	+0.8	0	98	52			
7 England NW & Wales N	15.2	-3.8	+0.6	+1.3	+0.9	+0.5	0	80	86			
8 England SW & Wales S	14.0	-4.3	0.0	+0.7	+0.4	+0.5	+1	78	70			
N Ireland	13.5	-4.0	+0.9	+1.0	+1.0	+1.0	-4	73	71			
Scotland	14.5	-8.9	+1.0	+2.0	+1.5	+0.8	-2	87	68			
England & Wales	15.5	-4.5	+0.6	+1.0	+0.8	+0.5	1	61	71			

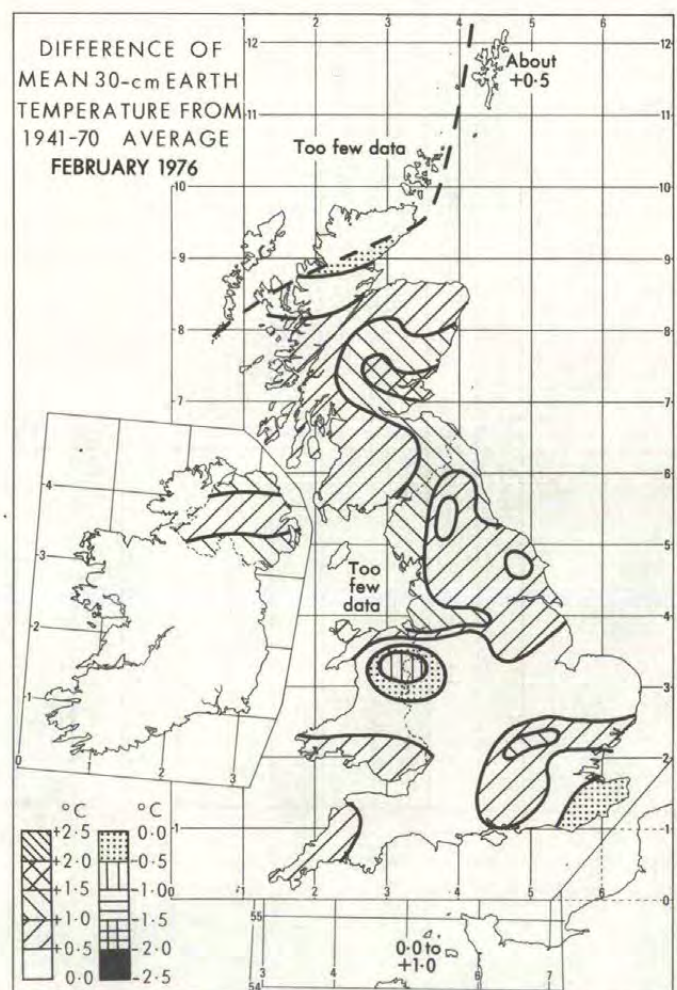
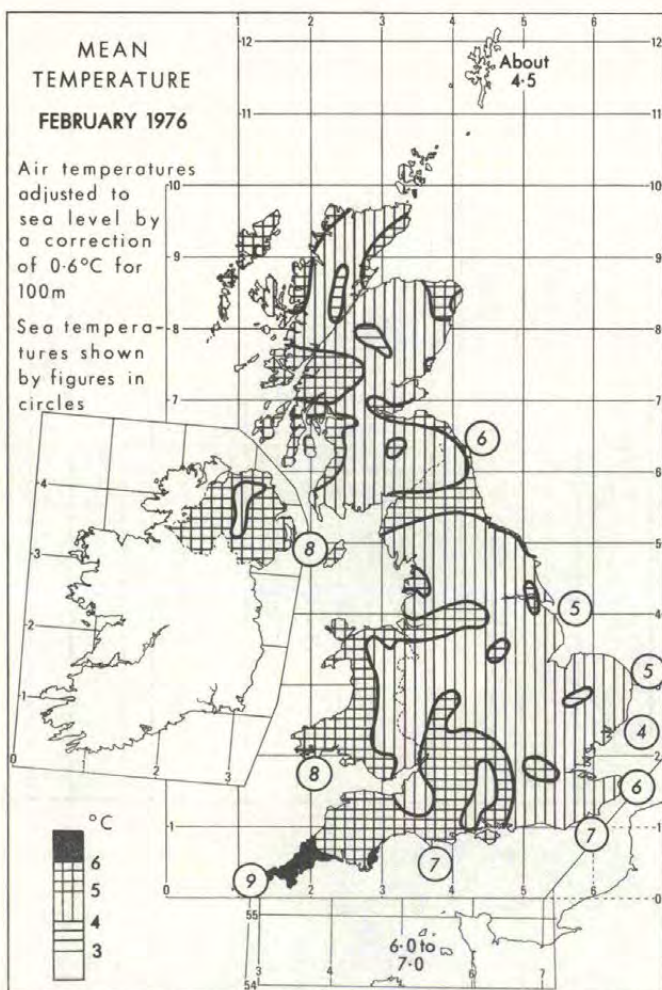
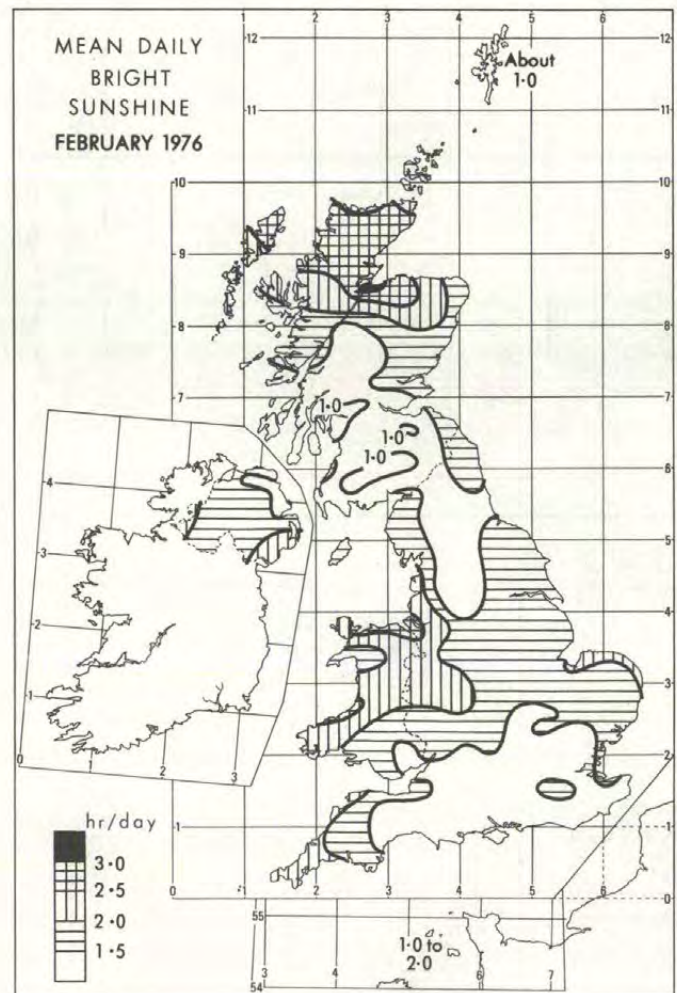
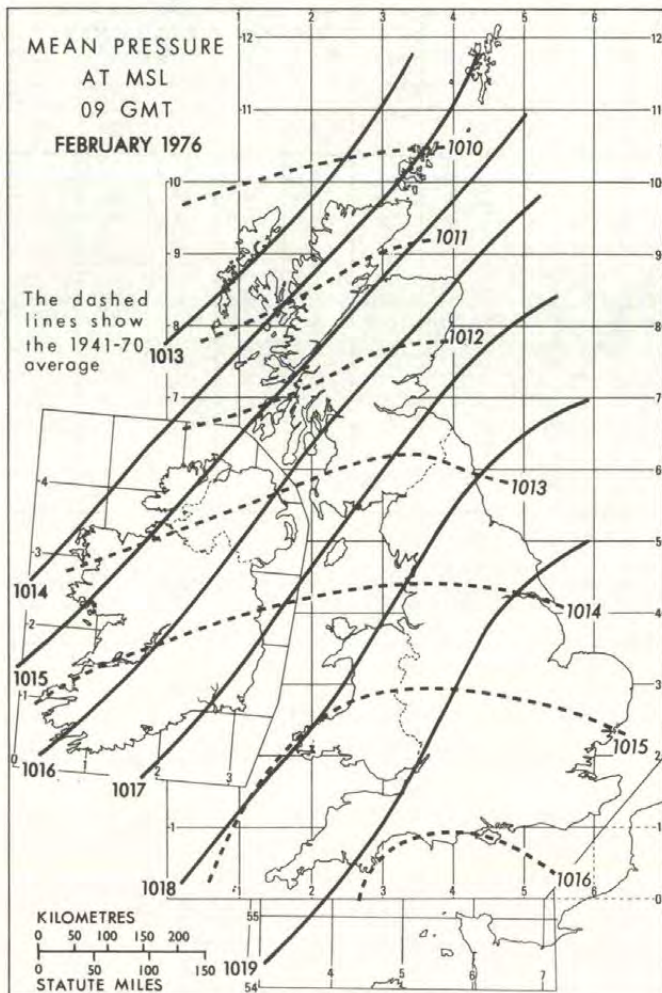
*Highest maximum and lowest minimum of District Value Stations.

RAINFALL (in millimetres)

FEBRUARY 1976

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





STATION	TOTAL RADIATION ON A HORIZONTAL SURFACE (MILLIWATT-HOURS PER SQUARE CENTIMETRE)						DIFFUSE RADIATION ON A HORIZONTAL SURFACE (MILLIWATT-HOURS PER SQUARE CENTIMETRE)						TOTAL ILLUMINATION ON A HORIZONTAL SURFACE (KILOLUX-HOURS)					
	MAX.	DATE	MIN.	DATE	DAILY MEAN	NO. OF DAYS	MAX.	DATE	MIN.	DATE	DAILY MEAN	NO. OF DAYS	MAX.	DATE	MIN.	DATE	DAILY MEAN	NO. OF DAYS
LERWICK	155	26	6	7	53.5	29	93	26	6	7	40.4	29	195	26	12	7	69.2	29
ESKDALEMUIR	147	25	9	6.9	62.7	27	108	14	9	6.9	49.5	27	174	25	15	6.9	74.0	27
CARDINGTON	221	29	20	3	95.2	26	128	21	19	3.5	72.8	26						
ABERPORTH	295	25	27	4.12	134.3	29	154	26	26	4	79.6	29						
LONDON WEATHER CENTRE	244	25	11	17	90.8	29	138	25	11	17	65.4	29	305	25	18	17	114.1	29
KEW	248	25	7	3	91.6	28	133	28	7	3	70.6	29	309	25	9	3	113.6	29
BRACKNELL	261	25	11	3	100.1	29	133	21	9	3	72.1	29	316	25	12	3	111.7	29
ALDERGROVE	247	15	23	2	99.8	29	128	28	21	2	66.7	29	284	15	28	2	117.7	29
JERSEY	267	19	24	12	126.4	29	166	28	24	12	96.7	29	323	19	37	12	159.0	29

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

FEBRUARY 1976

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 4+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	ORLE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE					RIGHT LIGHT	DATE	0.2 MM OR MORE	1.0 MM OR MORE													
0 SCOTLAND N																															
SHETLAND																															
BALASOUND	9 9	24	6.2	2.2	4.2	+1.1	9.6	24	-2.2	3.5	3.9	-	99	101	16	9	22	18	4	2	1	0	0	0	5	-	-	6	0.79	50	
LERWICK	21 9	82											100	-	17	22	22	18	6	1	2	5	0	1	3	12	11	6	1.04	54	
PSYCHROMETER			5.7	2.7	4.2	-	9.1	24	-1.6	4	-	-		-	17	22	22	18	6	1	2	5	0	1	3	12	11	6	1.04	54	
SCREEN			5.8	2.6	4.2	+1.4	9.2	24	-1.7	4	-	-		-	17	22	22	18	6	1	2	5	0	1	3	12	11	6	1.04	54	
ORKNEY																															
KIRKALL AIRPORT	21-9	26	6.5	2.7	4.6	+1.2	10.7	24	-0.6	12	-	-	79	99	14	14	19	11	4	0	4	0	0	0	4	13	12	3	1.64	73	
WESTERN ISLES																															
BENBECULA	21-9	6	7.3	2.9	5.1	+0.6	10.4	25	-4.6	5	-	-	87	-	19	14	20	15	2	0	0	3	0	0	6	11	11	3	1.97	74	
SCALPAY	9 9	18	-	-	-	-	-	-	-	-	-	-	77	-	18	22	19	14	2	0	0	3	0	0	5	12	11	4	2.55	109	
STORNDAY	21-9	3	7.1	5.1	5.1	+1.0	10.8	24	-4.2	2	-	-																			
HIGHLAND																															
ACHNASHELLACH	9 9	67	7.4	0.8	4.1	+1.4	11.5	22	-6.3	2	-	-	249	144	94	24	16	15	2	1	0	0	0	0	14	-	-	1	-	-	
BALMACARA	9 9	4	8.0	2.8	5.4	-	11.3	9	-2.3	2	-	-	151	124	36	9	19	14	1	0	0	1	0	0	4	-	-	2	-	-	
CAPE WRATH	21-9	112	6.6	3.0	4.8	+0.9	10.2	22	-1.1	2	-	-	112	133	22	22	15	12	3	0	3	1	0	0	3	7	7	4	2.47	-	
CORRACH	9 9	8	7.8	2.0	4.9	-	11.3	9.22	-5.7	2	-	-	198	-	39	24	18	13	2	1	0	0	0	1	9	16	-	-	-	-	
CRAIGDOBRACH	9 9	38	7.6	-1.4	3.1	-	13.1	23	-8.6	2	-	-	62	-	16	9	13	7	3	2	1	0	0	0	20	22	-	-	-	-	
DALWHINNIE	9 9	351	4.6	-0.8	1.9	-	9.4	9.24	-8.5	5	-	-	83	-	21	22	18	14	7	10	0	0	0	8	16	20	-	-	-	-	
DOWNREAY	9 9	21	7.2	1.5	4.3	-	12.0	24.25	-3.0	2	-	-	56	85	13	14	13	9	2	1	0	0	0	1	5	13	-	-	-	-	
FORTROSE	9 9	5	7.0	3.0	5.0	+1.2	11.5	24	-0.5	2	-	-	16	38	5	9	9	6	1	0	0	0	0	4	-	-	-	-	-	-	
GLENMORE LODGE	9 9	341	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
GRANTOWN-ON-SPEY	9 9	229	6.3	-1.0	2.7	-	11.7	25	-9.4	2	-	-	17	-	7	14	12	3	6	8	0	0	0	0	15	26	-	-	-	-	
HEARSTE	9 9	109	6.7	1.7	4.2	-	9.6	9	-3.9	2.3	-	-	168	-	50	24	18	16	-	-	-	-	-	-	7	14	-	-	-	-	
ISLE OF RHUM	9 9	5	7.6	2.2	4.9	-	11.1	9	-5.6	3	4.5	5.9	195	122	34	24	19	16	1	1	0	2	0	0	5	19	-	-	-	-	
KEISS	9 9	30	7.1	2.6	4.9	-	12.2	25	-2.5	11	3.7	4.3	50	-	11	14	14	8	1	1	1	2	0	0	4	11	-	-	-	-	
KINLOCHWE	9 9	23	7.6	1.0	4.3	-	12.6	24	-5.9	2	3.3	-	245	152	93	24	16	14	1	1	0	0	0	0	10	-	-	-	-	-	
KNOCKANROCK	9 9	244	5.7	0.6	3.1	-	9.9	9	-4.2	3	-	-	142	78	31	24	18	13	3	3	0	0	0	0	14	21	-	-	-	-	
LAGGANLUA	9 9	250	6.3	-1.7	2.3	-	11.0	25	-14.9	2	-	-	24	-	5	10	17	11	7	6	0	0	0	0	15	19	-	-	-	-	
LAIRC	9 9	91	7.1	-0.1	3.5	-	13.3	9	-5.2	2	2.6	4.1	61	-	18	24	14	11	4	2	1	0	0	1	17	21	-	-	-	-	
LENTRAN	9 9	146	6.7	-0.2	3.3	-	11.9	25	-9.1	2.3	-	-	31	-	8	24	13	7	4	2	0	0	0	0	11	23	-	-	-	-	
LOCH DICH	9 9	37	6.8	0.7	3.7	-	10.2	24	-7.0	2.3	-	-	200	-	63	24	19	14	3	2	0	3	0	0	13	18	-	-	-	-	
NAIRN	9 9	6	7.7	0.4	4.1	+0.8	13.0	9	-7.3	2	-	-	13	35	4	14	9	6	2	0	0	0	0	0	11	19	-	-	-	-	
ONICH	9 9	15	7.6	2.5	5.1	+1.5	11.0	22	-3.0	16	-	-	203	133	64	24	15	14	-	1	-	-	-	5	17	-	-	-	-	-	
POOLWE	9 9	6	7.8	2.4	5.1	-	11.3	9	-2.9	3	-	-	136	-	26	9	18	14	3	1	0	3	0	0	5	11	-	-	-	-	
PRABOST	9 9	67	6.7	1.5	4.1	-	9.8	9	-4.6	1	-	-	124	93	25	24	17	15	3	2	1	3	0	0	10	20	-	-	-	-	
RUBH RE	21-9	16	7.4	3.6	5.5	-	10.5	9	-2.0	1.2	-	-	79	-	18	9	18	13	2	0	0	0	0	0	5	5	-	-	-	-	
STRATHCONON	9 9	107	7.0	-0.8	3.1	-	11.2	24	-9.2	2	-	-	116	-	25	9	15	11	4	2	0	1	0	0	17	21	-	-	-	-	
STRATHY	9 9	37	6.9	0.7	3.8	+1.3	11.9	25	-4.6	2	-	-	71	88	16	14	14	10	4	1	0	1	0	0	12	-	-	-	-	-	
TARBATNESS	21-9	18	7.2	3.4	5.3	+1.8	12.3	25	-0.6	11	-	-	22	-	10	14	10	5	2	0	0	0	0	0	2	-	-	-	-	-	
TOMATIN	9 9	311	5.6	-1.0	2.3	-	10.0	23.25	-11.1	2	-	-	30	-	5	11	14	7	5	-	0	0	0	0	15	-	-	-	-	-	
WICK	21-9	36	7.0	3.2	5.1	+1.8	12.8	25	-1.8	11	-	-	57	95	12	14	13	8	2	0	0	3	0	0	2	11	9	2	2.49	95	

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

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DISTRICT REGION/COUNTY AND PLACE	MAX. TERMINAL HEIGHT (M)	MIN. TERMINAL HEIGHT (M)	AIR TEMPERATURE IN DEGREES C								MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL H 09 GMT)		WEATHER (NUMBER OF DAYS)										BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
			MEANS OF				DAILY MEAN (MEAN OF A+B)	HIGHEST MAXIMUM		LOWEST MINIMUM		30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY	PRECIPITATION						DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
			MAX. (A)	MIN. (B)	MAX.	DATE		MIN.	DATE	0.2 MM OR MORE	1.0 MM OR MORE						SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H			AIR FROST	WIND DIRECTION DEG C	WIND DIRECTION DEG C	WIND DIRECTION DEG C																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
1 SCOTLAND E																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									</

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

FEBRUARY 1976

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	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	GRAVE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE	
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE																						
6 SCOTLAND W																																
STRATHCLYDE																																
ACHALACHGACH	9 9	12	7.5	2.9	5.2	-	11.7	25	-1.4	16	-	-	96	85	18	11	18	16	-	1	1	0	0	0	3	14	-	0	0	-	-	
AROS	9 9	37	8.0	2.4	5.2	-	11.6	9	-5.5	2	-	-	127	22	24	11	18	15	1	1	0	2	0	0	6	18	-	0	0	-	-	
AUCHINCUIVE	9 9	45	7.2	2.5	4.9	+1.4	11.5	25	-2.5	2	4.6	5.8	46	84	8	9	14	10	2	1	0	0	0	0	4	16	-	0	0	1.39	53	
BARRHEAD	9 9	30	7.2	2.1	4.7	-	11.2	22.25	-2.2	14.20	-	-	79	91	17	22	17	15	3	1	0	0	0	0	5	14	-	0	0	-	-	
BENMORE (YOUNGER)																																
BOTANIC GARDEN	9 9	12	7.0	2.6	4.8	-	11.8	9	-2.2	14	-	-	174	106	26	11.22	19	17	2	1	0	2	0	0	3	14	-	0	0	-	-	
BRODICK CASTLE	9 9	15	7.9	3.5	5.7	-	12.7	26	-1.2	20	5.3	-	97	81	22	11	16	14	2	1	0	0	0	2	12	-	0	0	1.10	5		
CAMPS RESERVOIR	9 9	295	4.9	0.6	2.7	-	11.2	25	-5.7	14	-	-	73	87	15	23	17	13	9	2	0	0	0	0	2	11	-	0	0	-	-	
CARNATH	9 9	208	5.8	0.4	3.1	-	12.0	25	-6.6	14	3.2	-	41	75	7	23	17	9	7	1	2	2	0	0	13	21	-	0	0	-	-	
COLONSAY	9 9	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CRAWFORD JOHN	9 9	274	5.2	0.7	2.9	-	11.5	25	-4.0	14	3.1	-	-	-	-	-	-	5	5	0	0	0	0	1	13	16	-	0	0	1.17	1	
CUMBERNAULD	9 9	94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CUNNOCK	9 9	99	6.7	1.8	4.3	-	12.3	25	-2.6	2	-	-	56	-	10	11	17	12	3	1	0	0	0	1	7	15	-	0	0	-	-	
DUNSTAFFRAGE	9 9	3	7.7	2.6	5.1	-	11.2	9	-2.3	5	-	-	130	-	24	9	18	12	2	0	1	0	0	0	6	13	-	0	0	-	-	
EAST KILBRIDE	9 9	178	6.1	1.3	3.7	-	11.0	9	-2.9	17	-	-	71	-	14	22	19	12	3	1	0	0	0	0	10	20	-	0	0	1.41	4	
FINNART	9 9	15	7.3	3.0	5.1	-	12.1	9	-0.5	16	-	-	155	114	35	9	18	16	3	0	0	0	0	0	2	-	-	-	-	-	-	
GIRVAN	9 9	8	7.6	3.4	5.5	-	12.0	9	-1.5	2	-	-	60	90	13	9	14	10	0	0	2	0	0	0	2	11	-	0	0	1.56	-	
GLASGOW																																
ABBOTSLINCH AIRPORT	21-9	5	7.3	3.0	5.1	+1.6	11.9	26	-2.9	14	-	-	66	-	14	22	17	13	5	0	1	2	0	0	4	13	14	0	0	1.16	53	
SPRINGBURN PARK	9 9	107	6.4	2.2	4.3	+1.6	11.0	9	-2.4	17	-	-	49	69	8	22	17	11	4	0	0	0	0	0	5	19	-	0	0	1.10	51	
WEATHER CENTRE (X)	21-9	40	7.3	4.2	5.7	-	11.5	23	-0.1	17	-	-	50	-	9	22	13	10	3	-	0	1	0	0	1	-	-	-	-	1.18	-	
GLENBRANTER	9 9	24	7.8	2.2	5.0	-	12.5	23	-2.5	14	-	-	139	-	23	9	20	18	2	1	1	0	0	0	4	15	-	0	0	-	-	
GREENOCK	9 9	61	-	-	-	-	-	-	-	-	-	-	118	104	22	9	19	16	-	-	-	-	-	-	-	-	-	-	-	0.91	44	
HELENSBURGH	9 9	89	6.0	1.8	3.9	+1.0	11.0	25	-1.5	14.17	-	-	116	114	25	9	20	15	-	1	0	0	0	0	5	-	-	-	-	0.96	5	
KNOXDALE FOREST	9 9	40	7.1	2.0	4.5	-	11.0	23	-2.4	4	-	-	115	-	16	22	18	14	0	0	2	0	0	0	7	19	-	0	0	-	-	
LANARK	9 9	152	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.38	-	
LEARNHILLS	9 9	388	4.3	0.1	2.2	-	10.4	25	-4.8	14	-	-	118	109	16	22	18	16	5	9	1	5	0	1	17	18	-	1	0	1.35	-	
MACHAR HANISH	21-9	10	7.8	4.0	5.9	-	12.9	9.22	0.0	15	-	-	55	68	10	11	18	16	4	0	2	1	1	0	0	8	7	1	0	-	-	
MILLPORT	9 9	5	7.3	3.9	5.6	-	11.4	25	0.0	1	-	-	61	80	10	11	17	13	2	-	0	0	0	0	0	-	-	-	-	-	-	
PAISLEY	9 9	32	7.4	2.9	5.1	+1.4	11.9	25	-1.5	2	4.2	6.0	75	90	17	22	18	13	3	1	0	0	0	0	2	8	-	1	0	1.02	49	
PRESTWICK	21-9	16	7.3	3.0	5.1	-	12.6	25	-3.5	2	-	-	44	81	7	23	13	10	2	1	2	0	1	0	7	10	10	0	0	1.21	-	
RHIVVAH	21-9	20	7.6	4.0	5.8	-	11.5	9	0.6	10.11	-	-	88	100	15	22	18	14	2	0	0	3	0	0	0	4	2	0	0	-	-	
ROTHESAY	9 9	43	7.4	3.4	5.4	-	11.5	9.25	0.0	17	4.4	5.4	77	82	11	10	19	16	2	1	0	0	0	0	0	13	-	0	0	-	-	
SLOY	21-9	12	7.1	3.3	5.2	-	12.7	25	-1.9	14	-	-	219	-	46	9	23	18	3	-	0	0	0	0	2	-	-	-	-	-	-	
STONACHULLIN	9 9	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TREE	21-9	9	7.4	4.2	5.8	+0.9	10.4	9	-2.0	4	-	-	72	98	12	14	17	13	2	0	1	2	0	0	3	8	9	4	1.44	57	-	
CENTRAL																																
ARROCHMORE	9 9	30	7.0	2.4	4.7	-	11.9	25	-1.7	14	-	-	126	-	22	8	18	13	-	1	-	-	-	0	2	13	-	0	0	1.08	-	
CALLANDER	9 9	107	6.1	1.0	3.5	-	12.3	25	-3.0	14	-	-	121	107	23	9	20	17	3	1	0	0	0	0	8	19	-	0	0	-	-	
EARLS HILL	21-9	335	4.2	(0.3)	(2.3)	-	9.4	25	-4.5	17	-	-	-	-	-	-	-	-	-	-	3	-	0	1	0	5	17	22	21	0.99	-	
FALKIRK (SEWAGE WORKS)	9 9	3	7.3	2.6	4.9	-	12.1	25	-2.0	14	-	-	43	-	9	22	15	11	2	1	0	0	0	0	4	-	-	-	-	1.26	-	
GRANDEMOUTH																																
B.P. REFINERY	9 9	2	8.1	3.1	5.6	-	14.0	25	-0.9	14	-	-	35	-	7	22	14	8	-	-	-	-	-	1	-	-	-	-	-	-	-	
PARKHEAD	9 9	107	7.0	1.9	4.5	-	13.1	25	-2.0	14	3.2	-	50	-	10	22	18	11	-	1	-	-	-	1	4	-	-	-	-	-	-	
STIRLING (BATTERFLATS)	9 9	38	7.2	2.0	4.6	-	12.6	23	-3.1	14	4.1	4.9	65	-	15	22	18	10	3	1	0	0	0	0	6	-	0	0	1.29	-	-	
DUMFRIES & GALLOWAY																																
BARGRENNAN	9 9	110	6.4	1.6	4.0	-	11.2	25	-3.2	14	-	-	125	117	23	23	19	15	3	2	0	1</										

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

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FEBRUARY 1976

DISTRICT REGION/COUNTY AND PLACE	MAX. OF TERMINAL (HGMT) MIN.	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C								MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL H 09 GMT)		WEATHER (NUMBER OF DAYS)										BRIGHT SUNSHINE								
			MEANS OF			DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY		PRECIP- ITATION	0.2 MM OR MORE	1.0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS FROST BELOW 0 DEG C	CONCRETE FROST BELOW 0 DEG C	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE
			MAX. (A)	MIN. (B)	MAX.			DATE	MIN.	DATE	HOURS					DATE																	
2 ENGLAND E & NE -CONTINUED																																	
DURHAM	9 9	102	6.5	1.7	4.1	+1.2	12.2	23.25	-1.8	14	4.0	5.2	17	34	4	6	16	7	-	0	-	-	-	5	5	16	-	-	-	1.40	56	-	
DURHAM ...	9 9	377	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
HOUGHALL ...	9 9	513	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
WIDDYBANK FELL ...	9 9	513	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CLEVELAND																																	
HARTBURN GRANGE	9 9	31	7.0	1.8	4.4	-	12.9	26	-1.4	20	-	-	11	27	4	10	11	5	3	1	0	0	0	3	4	17	-	-	0	1.68	-		
HARTLEPOOL ...	9 9	9	7.2	3.2	5.2	+1.1	13.4	23	0.2	16	-	-	9	20	2	6	11	4	1	1	0	0	0	0	0	-	-	-	0	1.49	-		
NORTH YORKSHIRE																																	
ASKHAM BRYAN	9 9	34	6.9	1.6	4.3	-	14.2	25	-1.4	14	-	-	22	50	5	3	13	7	2	0	0	1	0	8	9	18	-	-	0	1.48	66		
CARWOOD	9 9	6	6.9	1.8	4.3	-	15.6	25	-2.5	16	4.0	4.9	21	49	6	3	13	10	0	0	0	1	0	3	5	18	-	-	0	1.50	-		
HIGH MOWTHORPE	9 9	175	5.4	1.4	3.4	-	11.8	25	-2.4	1	3.0	-	20	34	3	11	18	10	4	6	0	1	0	8	9	14	-	-	1	1.59	-		
LEEMING	21-9	32	6.9	2.3	4.6	-	15.5	23	-2.6	14	3.7	5.2	18	36	4	6	14	5	5	0	1	0	0	7	5	11	8	0	-	1.67	-		
MALHAM TARN	9 9	395	(4.0)	(0.1)	(2.1)	(+1.0)	9.5	25	-2.8	14	2.7	-	68	63	11	21	(18)	(14)	6	10	1	0	0	6	17	(23)	-	-	0	-	-		
PICKERING	9 9	44	6.4	1.2	3.8	-	15.2	25	-3.5	16	-	-	18	34	3	11	17	8	2	4	0	1	0	2	8	13	-	-	0	-	-		
SCARBOROUGH	9 9	53	6.8	2.5	4.7	-	13.0	25	-1.4	16	3.7	5.0	14	29	2	2.10	13	7	2	1	0	1	0	2	3	14	8	2	-	1.75	78		
SILPHO MOOR	9 9	203	6.0	1.1	3.5	-	12.5	26	-3.2	16	3.1	-	25	39	3	3	20	11	2	6	0	0	0	5	9	20	-	-	0	-	-		
SNAIZHOPE	9 9	290	4.7	0.2	2.5	-	10.2	23	-5.4	14	2.8	-	85	-	14	25	18	14	6	2	0	2	0	6	14	17	-	2	0.98	-			
WHITBY	9 9	40	7.0	2.4	4.7	-	14.3	25	-2.2	16	-	-	10	-	2	7	13	4	3	0	0	0	0	1	4	7	-	7	2	1.80	-		
WHITBY (COASTGUARD)	21-9	60	6.8	2.7	4.7	-	13.8	25	-2.1	16	-	-	9	-	2	7	14	3	1	0	0	0	0	1	4	7	-	7	2	-	-		
YORK (HESLINGTON)	9 9	20	6.8	1.5	4.1	-	14.0	25	-2.5	16	4.1	5.0	20	47	4	3	18	6	1	0	0	1	0	6	8	17	-	-	0	1.64	-		
HUMBERSIDE																																	
BRIDLINGTON	9 9	48	6.6	2.0	4.3	-	12.8	25	-1.7	16	-	-	9	16	3	29	9	4	2	0	0	1	1	7	4	16	-	-	1	1.84	-		
BRIDG	9 9	3	7.3	1.8	4.5	-	14.2	26	-4.0	16	-	-	20	42	3	12	16	10	1	4	0	1	1	3	6	15	-	-	0	-	-		
CLEETHORPES	9 9	7	(1.1)	2.5	(4.8)	(+1.1)	14.0	25.26	-1.5	16	-	-	7	16	3	29	5	3	-	-	-	-	-	2	3	-	-	-	-	1.47	64	-	
HULL	9 9	2	7.4	2.7	5.1	+1.2	15.0	25	-2.5	16	4.1	5.5	20	42	4	12	15	9	1	0	1	0	0	2	3	12	-	-	0	-	-		
KILNSEA	21-9	12	6.0	2.6	4.3	-	11.8	26	-0.9	16	-	-	7	16	3	12	7	2	0	0	0	1	5	1	-	-	-	-	1	2.06	-		
LINCOLNSHIRE																																	
BIBBROOK	21-9	108	6.3	1.9	4.1	-	13.4	26	-2.8	16	-	-	22	42	7	12	15	8	5	1	5	1	5	6	16	12	0	-	1	1.98	-		
CRISTON	9 9	55	7.4	1.9	4.7	-	14.2	26	-3.7	16	-	-	19	-	4	12	12	9	-	-	-	-	-	-	-	-	-	-	-	-	-		
CRANWELL	9 9	62	6.8	1.4	4.1	+1.0	13.9	26	-3.9	16	3.4	4.3	15	38	3	7	15	6	2	1	0	2	1	6	10	15	14	1	1.91	75	-		
KIRTON	9 9	4	6.9	1.7	4.3	-	14.1	25	-2.4	15	4.3	5.9	13	-	5	12	11	5	1	0	1	0	0	3	7	14	-	-	0	1.93	-		
LINCOLN	9 9	7	7.3	1.7	4.5	-	14.0	26	-4.5	16	4.1	4.8	15	-	2	6	16	8	2	0	0	0	0	0	0	6	-	-	0	1.88	-		
SKEGNESS	9 9	5	6.8	2.4	4.6	+1.1	14.5	26	0.0	3.9	-	-	11	27	5	12	7	4	0	0	0	0	0	0	0	6	-	1	1.88	77	-		
WADDINGTON	21-9	68	6.8	2.0	4.4	+1.1	14.1	26	-3.4	16	-	-	18	42	3	7	15	9	4	0	0	3	1	5	7	20	12	0	1.86	73	-		
3 EAST ANGLIA																																	
NORFOLK																																	
COLTISHALL	21-9	17	7.2	2.0	4.6	-	15.3	25	-1.8	19	-	-	13	29	3	12	8	6	3	0	0	1	0	4	9	19	9	0	-	-	-		
COSTESSEY	9 9	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CROMER	9 9	54	7.1	2.2	4.7	+1.1	14.9	25	-1.8	1	-	-	10	21	4	12	7	2	2	-	0	0	0	2	5	8	-	-	0	2.50	95	-	
EAST DEREHAM	9 9	53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CORLESTON	21-9	4	6.3	2.2	4.3	+0.4	14.7	25	-1.4	1.2	4.4	6.0	10	24	4	10	4	4	0	-	0	0	0	8	4	-	1	1.99	84	-			
MARHAM	21-9	23	7.0	1.7	4.3	-	14.6	25	-2.3	9	-	-	15	-	7	12	8	5	1	6	0	3	0	2	10	16	13	0	-	1.87	-		
MORLEY ST BOTOLPH	9 9	48	6.6	1.4	4.0	-	14.6	25	-2.3	1	3.8	-	19	-	5	12	8	6	1	5	0	0	0	2	9	19	-	-	0	1.81	-		
SANTON DOWNHAM	9 9	24	7.2	0.2	3.7	-	15.6	25	-4.5	9	3.9	4.9	25	59	9	12	10	7	-	0	-	-	-	2	14	24	-	-	0	1.76	-		
SCOLE	9 9	27	7.2	1.3	4.3	-	15.0	25	-2.4	19	3.7	4.5	19	-	9	12	9	5	1	0	0	0	0	6	9	19	-	-	0	1.83	-		
TERRINGTON ST CLEMENT	9 9	3	7.1	1.4	4.3	+1.0	14.7	25	-2.6	1	3.9	-	14	35	5	12	12	4	0	0	0	0	0	4	8	21	-	-	0	2.09	88	-	
CAMBRIDGESHIRE																																	
BOXWORTH	9 9	44	7.1	1.4	4.3	-	14.4	29	-2.7	15	-	-	15	40	6	12	11	5	0	2	0	2	0	5	10	20	-	-	0	1.54	-		
CAMBRIDGE																																	

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

FEBRUARY 1976

DISTRICT REGION/COUNTY AND PLACE	MAX. TERMINAL (HGT) MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C								MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL H 09 GMT)		WEATHER (NUMBER OF DAYS)										BRIGHT SUNSHINE								
			MEANS OF			DAILY MEAN (MEAN OF A+B)	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 LYING AT 9H	SNOW LYING AT 9H	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)	DATE		MIN.	DATE	DATE	DATE																							
4 MIDLAND COUNTIES																																	
WEST YORKSHIRE																																	
BRADFORD ...	9 9	134	(6.3)	(1.6)	(3.9)	(+1.0)	14.7	25	-2.4	14	3.5	4.9	41	56	6	3	18	13	5	1	0	0	0	0	6	8	1	1	1.34	67	-	-	
BRAMHAM ...	9 9	54	6.7	1.7	4.2	-	13.3	25	-2.6	16	-	-	35	71	7	3	19	10	3	0	0	0	0	7	9	16	-	0	1.12	64	-	-	
HUDDERSFIELD																																	
DAKES ...	21-9	232	5.9	1.6	3.7	+1.1	12.3	25.26	-2.3	16	3.2	4.3	52	63	7	3	21	14	6	0	0	0	2	0	8	9	21	1	1.34	67	-	-	
RAVENSKNOLLE ...	9 9	99	6.9	1.9	4.4	+1.2	13.3	23	-2.3	14	3.7	4.8	32	50	5	3	19	9	3	0	0	0	0	0	8	8	17	0	1.23	57	-	-	
ILKLEY ...	9 9	83	6.7	1.8	4.3	+1.3	12.8	25	-2.0	14	-	-	43	63	6	6	20	13	3	0	0	0	0	1	7	8	8	0	-	-	-	-	
TODMORRE ...	9 9	160	6.2	1.5	3.9	-	12.2	25	-3.8	14	-	-	58	-	7	12	20	12	4	2	0	0	0	3	3	9	0	0	-	-	-	-	
PONTERFRACT ...	9 9	78	6.7	2.0	4.3	+1.0	14.1	25	-2.3	16	-	-	23	59	7	3	14	6	4	0	0	0	0	4	6	6	0	0	-	-	-	-	
WILSON ...	9 9	262	5.4	0.4	2.9	-	11.9	25	-3.6	14	-	-	55	-	7	3	17	14	6	2	0	0	0	2	1	9	15	22	17	0	-	-	-
SOUTH YORKSHIRE																																	
FINNINGLEY ...	21-9	10	7.4	1.8	4.6	-	16.5	25	-4.6	16	-	-	19	47	5	3	16	5	6	0	1	3	1	8	8	17	12	0	1.77	-	-	-	-
SHEFFIELD ...	9 9	131	6.7	2.1	4.4	+0.9	14.7	25	-1.9	16	4.1	5.3	34	50	5	6	19	11	4	2	0	0	0	-	8	-	-	0	1.55	80	-	-	
DERBYSHIRE																																	
ASHOVER ...	9 9	178	5.9	1.2	3.5	-	13.9	26	-3.6	16	-	-	28	-	4	12	20	11	9	4	1	2	0	12	11	16	-	0	1.61	-	-	-	
BUXTON ...	9 9	307	4.9	0.7	2.8	+1.1	11.2	25	-3.1	16	2.7	3.5	76	76	25	12	18	14	7	5	0	0	0	0	11	16	17	0	-	-	-	-	
DERBY ...	9 9	48	7.3	1.8	4.5	-	14.7	26	-2.5	9	-	-	22	48	6	12	13	8	1	0	0	0	0	2	9	18	0	-	1.80	-	-	-	
MORLEY ...	9 9	107	6.7	1.2	3.9	-	13.1	26	-3.5	2	-	-	48	97	14	3	15	9	1	0	0	0	0	10	19	13	0	-	2.03	-	-	-	
WINGERNORTH ...	9 9	126	6.4	0.9	3.7	-	14.3	25	-5.3	16	3.6	-	27	-	4	3	21	11	7	3	0	4	0	14	11	21	15	0	1.78	-	-	-	
NOTTINGHAMSHIRE																																	
MANSFIELD ...	9 9	114	-	-	-	-	-	-	-	-	-	-	21	-	4	12	13	8	-	-	-	-	-	-	6	-	-	-	-	-	-	-	
NEWTORPE ...	9 9	58	6.9	1.4	4.1	-	13.6	26	-4.0	16	-	-	16	40	3	13	13	8	0	0	0	0	0	2	3	15	0	1.44	76	-	-	-	
NOTTINGHAM ...	9 9	59	7.3	2.4	4.9	+1.2	14.0	26	-1.0	1.16	3.6	4.6	16	40	3	13	16	7	2	0	0	0	1	1	10	17	14	0	1.96	87	-	-	
SUTTON BONINGTON ...	9 9	48	7.1	1.5	4.3	+0.9	13.5	26	-3.4	16	4.4	5.0	15	36	3	6	16	7	2	0	0	0	1	0	1	10	17	14	0	-	-	-	-
WARSOP ...	9 9	46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WATNALL ...	21-9	117	6.7	1.9	4.3	+1.0	13.7	26	-3.2	16	-	-	21	41	5	6	16	8	8	0	1	7	0	4	10	19	11	0	1.58	76	-	-	-
STAFFORDSHIRE																																	
KEELE ...	9 9	179	6.0	1.1	3.5	-	13.1	26	-2.6	16	3.5	5.2	51	95	15	12	17	13	5	0	0	3	0	4	12	17	-	0	1.77	-	-	-	
DRAKEN ...	9 9	125	6.6	1.3	3.9	+1.0	13.9	25	-3.2	16	4.5	-	38	83	9	12	14	10	2	0	0	0	0	6	11	19	-	0	-	-	-	-	
PENKRIDGE ...	9 9	101	6.9	0.7	3.8	-	13.2	29	-3.4	16	-	-	50	109	11	12	20	12	1	3	0	0	1	1	12	15	-	0	-	-	-	-	
STONE ...	9 9	107	6.3	1.0	3.7	-	12.9	26	-3.4	16	-	-	48	101	13	12	17	13	6	2	0	0	0	5	10	18	-	0	1.79	-	-	-	-
LEICESTERSHIRE																																	
CALDECOTT ...	9 9	52	7.0	1.1	4.1	-	14.0	25	-3.8	15.16	-	-	13	33	3	12	12	5	2	0	0	0	0	10	10	20	-	0	1.68	-	-	-	
NEWTOWN LINFORD ...	9 9	119	6.6	1.0	3.8	-	13.9	26	-3.0	1.16	-	-	20	43	6	12	15	7	5	3	0	2	0	5	12	17	-	0	1.73	-	-	-	
SALOP																																	
NEWPORT ...	9 9	64	7.2	1.7	4.5	+1.4	14.0	26	-3.6	14	-	-	43	104	8	6	18	10	7	3	1	0	0	0	8	17	-	0	2.31	106	-	-	-
OSWESTRY ...	9 9	174	6.5	1.1	3.8	+0.6	12.6	26	-2.0	1.2.14	-	-	46	70	9	5	16	13	5	6	0	3	0	6	13	21	-	0	2.25	91	-	-	-
SHAWBURY ...	21-9	72	7.3	1.9	4.6	+1.1	15.5	26	-4.4	14	-	-	42	98	9	10	14	10	9	1	2	0	4	10	14	12	-	0	2.29	100	-	-	-
SHREWSBURY																																	
WEST MIDLANDS																																	
BIRMINGHAM																																	
EDGBASTON ...	21-9	163	6.4	2.1	4.3	+0.8	13.4	26	-2.3	3	5.1	-	38	70	11	12	17	10	10	6	0	2	0	7	11	14	13	0	2.03	100	-	-	-
ELMDON AIRPORT ...	21-9	96	6.8	1.5	4.1	+0.8	13.4	26	-4.3	15	-	-	28	-	8	12	14	8	9	4	0	5	0	2	10	18	17	0	2.01	91	-	-	-
KING EDWARD SCHOOL ...	9 9	137	6.7	1.7	4.2	-	13.4	26	-2.6	1	-	-	49	99	11	12	16	10	2	4	0	0	0	3	10	-	-	0	-	-	-	-	-
COVENTRY AIRPORT ...	9 9	81	6.8	0.8	3.8	-	13.5	26	-4.3	16	4.9	5.5	21	-	6	12	15	7	3	2	0	0	0	3	12	-	-	0	1.69	-	-	-	-
WARWICKSHIRE																																	
LONG LAWFORD ...	9 9	87	7.0	1.1	4.1	-	14.6	26	-3.3	14	4.1	-	22	-	6	12	13	6	5	3	0	0	0	8	13	20	-	0	-	-	-	-	
LUDDINGTON ...	9 9	56	6.9	1.6	4.3	-	13.3	26	-2.8	1	-	-	25	-	11	12	14	7	1	2	0	1	0	6	11	19	-	0	1.85	-	-	-	-
MORETON MORRELL ...	9 9	85	7.0	1.4	4.2	-	13.4	29	-3.8	16	-	-	27	67	12	12	13	8	3	2	0	0	0	3	11	16	-	0	1.46	-	-	-	-
RUGBY ...	9 9	117	6.7	1.0	3.9	+0.6	13.8	26	-3.8	1	4.8	-	22	50	8	12	12	6	4	4	0	1	0	3	15	18	16	0	-	-	-	-	-
SHIPSTON-ON-STOUR ...	9 9	111	6.8	1.8	4.3	+1.0	14.4	25	-3.0	1.16	4.2	-	27	65	10	12	17	8	4	3	1	0	0	3	11	16	-	0	1.76	71	-	-	-
STRATFORD-UPON-AVON	9 9	49	7.2	1.4	4.3	+0.8	14.5	26	-3.3	9	4.9	-	27	72	12	12	11	8	1	2	0	0	0	2	10	19	-	0	1.71	74	-	-	-
WELLESBOURNE ...	9 9	47	7.0	1.4	4.2	-	13.8	26	-3.0	9.14	4.0	4.9	25	65	10	12	10																

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DISTRICT REGION/COUNTY AND PLACE	MAX. TERMINAL (HGT) MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C								MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL H 09 GMT)		WEATHER (NUMBER OF DAYS)												BRIGHT SUNSHINE					
			MEANS OF		DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY	PRECIP- ITATION	0-2 MM OR MORE	2-5 MM OR MORE	5-10 MM OR MORE	10-20 MM OR MORE	20-30 MM OR MORE	30-40 MM OR MORE	40-50 MM OR MORE	50-60 MM OR MORE	60-70 MM OR MORE	70-80 MM OR MORE	80-90 MM OR MORE	90-100 MM OR MORE	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	7.8	1.9	4.9	+0.8	16.0	25	-3.0	15	-	-	29	64	17	12	7	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ENFIELD ...	9 9	17	7.9	2.9	5.4	-	15.7	29	-1.3	1	4.9	6.9	24	15	12	11	6	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GREENWICH ...	9 9	7	-	-	-	-	-	-	-	-	-	-	21	53	14	12	10	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0
HAMPSTEAD ...	9 9	137	6.9	1.9	4.4	-	14.2	29	-2.6	1	-	-	26	59	14	12	10	7	4	0	0	0	0	0	0	0	0	0	0	0	0	0
HAMPTON ...	9 9	12	7.5	2.2	4.9	+0.6	13.2	24	-1.6	1	-	-	25	63	15	12	11	5	4	0	0	0	0	0	0	0	0	0	0	0	0	0
HARROW WEALD ...	9 9	98	7.5	1.4	4.5	-	14.5	29	-2.5	1.9, 15	4.9	6.5	22	12	12	11	6	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0
HEATHROW AIRPORT ...	21-9	25	7.7	2.7	5.2	+0.9	15.3	29	-1.9	9	-	-	21	54	13	12	11	5	4	2	0	0	0	0	0	0	0	0	0	0	0	0
KENSINGTON PALACE ...	9 9	25	7.9	2.8	5.3	+0.8	15.6	29	-2.2	2	5.0	6.1	23	54	13	12	12	5	4	0	0	0	0	0	0	0	0	0	0	0	0	0
KEW	21-9	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PSYCHROMETER ...	21-9	6	7.8	2.1	4.9	-	14.8	29	-4.5	9	5.1	6.4	21	55	13	12	10	5	3	2	0	0	0	0	0	0	0	0	0	0	0	0
NORTH WALL SCREEN ...	21-9	6	7.6	3.0	5.3	+0.8	14.0	29	-2.0	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LONDON																																
WEATHER CENTRE (X)	21-9	77	8.0	4.1	6.1	-	15.5	25	-0.8	3	-	-	20	13	12	8	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ST JAMES PARK ...	9 9	4	8.1	(2.6)	(5.3)	(+0.6)	14.8	29	-1.6	15	-	-	21	52	13	12	9	5	3	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHGATE ...	9 9	67	(7.3)	(1.8)	(4.5)	(+0.6)	14.0	24	-2.0	1.2	(4.6)	-	22	48	14	12	7	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WADDON ...	9 9	59	-	-	-	-	-	-	-	-	-	-	30	64	16	12	9	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WEALDSTONE ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WILTSHIRE																																
BOSCOMBE DOWN ...	21-9	126	6.6	2.2	4.4	+0.7	13.1	29	-2.6	9	-	-	30	65	9	12	16	7	4	0	0	0	0	0	0	0	0	0	0	0	0	0
LACOCK ...	9 9	49	7.3	1.6	4.5	-	13.0	29	-3.5	15	-	-	34	72	8	12	12	6	-	0	0	0	0	0	0	0	0	0	0	0	0	0
LARKHILL ...	9 9	132	6.9	1.6	4.3	+1.0	13.4	29	-3.2	16	-	-	30	61	9	12	14	6	3	0	0	0	0	0	0	0	0	0	0	0	0	0
LYNEHAM ...	21-9	145	6.5	2.0	4.3	+1.0	12.9	29	-3.0	1	-	-	33	70	8	5	14	7	7	0	0	0	0	0	0	0	0	0	0	0	0	0
PORTON ...	9 9	110	(6.8)	1.7	(4.3)	(+0.9)	13.5	29	-2.5	1	4.2	-	33	64	10	12	15	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UPAVON ...	21-9	179	6.4	(1.9)	(4.1)	-	13.0	29	-2.7	1	-	-	35	70	10	12	17	9	4	0	0	0	0	0	0	0	0	0	0	0	0	0
BERKSHIRE																																
EASTHAMPTON ...	9 9	77	7.2	1.8	4.5	-	14.8	29	-3.8	16	4.5	5.5	27	-	16	12	10	5	6	1	0	0	0	0	0	0	0	0	0	0	0	0
HURLEY ...	9 9	43	7.3	1.9	4.6	-	14.0	29	-2.5	9	4.3	-	28	60	17	12	12	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0
LAMBOURN (WARREN FARM)	9 9	192	6.0	1.3	3.7	-	12.8	29	-5.9	1	4.0	-	26	-	11	12	15	6	2	4	0	0	0	0	0	0	0	0	0	0	0	0
READING ...	9 9	66	7.3	2.2	4.7	-	14.5	29	-2.5	4	5.2	6.2	28	-	15	12	14	5	3	1	0	0	0	0	0	0	0	0	0	0	0	0
SHINFIELD (N.I.R.D.)	9 9	62	7.3	2.0	4.7	-	14.4	29	-2.2	1	-	-	24	-	13	13	11	4	-	2	-	-	-	-	-	-	-	-	-	-	-	-
SURREY																																
MERRIST WOOD ...	9 9	46	7.2	(2.0)	(4.6)	-	13.8	29	-2.0	1	4.3	-	27	-	15	12	10	5	3	0	0	0	0	0	0	0	0	0	0	0	0	0
MICKLEHAM ...	9 9	55	7.3	1.0	4.1	+0.6	14.2	25	-3.7	15	4.1	5.3	33	63	20	12	13	6	4	3	0	0	0	0	0	0	0	0	0	0	0	0
WISLEY ...	9 9	35	7.5	2.0	4.7	+0.7	14.2	29	-2.5	15	4.5	5.7	30	69	15	12	13	5	4	3	0	0	0	0	0	0	0	0	0	0	0	0
KENT																																
DOVER ...	9 9	6	6.7	2.5	4.6	+0.3	11.5	21	-1.7	3.4	4.8	5.9	40	67	23	12	9	6	4	0	0	0	0	0	0	0	0	0	0	0	0	0
DOVER R.M.S. ...	9 9	123	6.2	1.4	3.8	-	11.6	26	-3.2	3	-	-	45	68	26	12	10	6	2	0	0	0	0	0	0	0	0	0	0	0	0	0
DUNGENESS ...	9 9	3	6.5	3.1	4.8	-	10.0	10	-1.8	3	-	-	26	53	16	12	9	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0
EAST MALLING ...	9 9	32	7.3	1.8	4.5	+0.8	14.0	29	-1.5	4, 19	3.9	4.9	25	54	18	12	8	4	5	1	0	0	0	0	0	0	0	0	0	0	0	0
ELMSTONE ...	9 9	5	7.4	0.8	4.1	-	14.4	29	-4.1	7	-	-	18	38	11	12	10	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0
FAVERHAM ...	9 9	48	7.1	1.5	4.3	-	14.1	29	-2.3	19	3.9	5.2	24	52	19	12	9	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0
FOLKESTONE ...	9 9	31	6.4	1.1	3.7	-	11.4	24	-2.5	4	-	5.2	36	66	21	12	12	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0
GILLINGHAM ...	9 9	4	7.4	1.6	4.5	-	14.9	25	-2.5	1	-	-	23	53	15	12	8	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GOUDHURST ...	9 9	85	6.4	1.6	4.0	+0.7	11.8	29	-2.6	19	-	-	32	50	16	12	13	8	2	1	0	0	0	0	0	0	0	0	0	0	0	0
HAVERHAM COLLEGE ...	9 9	30	7.2	1.4	4.3	-	13.6	24	-2.4	9, 10	4.2	5.7	26	-	17	12	10	5	3	1	0	0	0	0	0	0	0	0	0	0	0	0
HERNE BAY ...	9 9	31	6.9	1.1																												

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

FEBRUARY 1976

DISTRICT REGION/COUNTY AND PLACE	MAX. TERMINAL HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C								MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL H 09 GMT)		WEATHER (NUMBER OF DAYS)										BRIGHT SUNSHINE								
		MEANS OF		DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		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 FROST RELATIVE TO 1941-70 AVERAGE	CONCRETE MIN RELATIVE TO 1941-70 AVERAGE	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	7.3	3.1	5.2	-	-	11.6	9	-3.5	14	4.6	5.6	49	96	27	23	10	6	2	0	0	0	6	14	8	0	0	1.77	-	-	
CARTMEL ...	9 9	34	6.6	2.2	4.4	-	-	10.1	23	-3.9	14	-	-	62	-	14	23	13	10	0	0	0	0	4	7	23	0	0	-	-	-	
GRIZEDALE ...	9 9	91	6.1	1.5	3.8	-	-	9.9	23	-4.1	14	4.1	-	103	75	15	21	19	12	6	1	1	0	0	0	0	0	0	-	-	-	
HEVERSHAM ...	9 9	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MOOR HOUSE ...	9 9	556	2.7	-1.4	0.7	-	-	8.1	23	-7.7	20	1.7	-	123	72	27	23	19	15	10	12	0	6	0	20	25	4	0	1.01	-	-	
NEWTON RIGG ...	9 9	171	6.5	1.5	4.0	+1.5	-	12.7	25	-3.8	14	3.4	-	43	60	11	23	12	10	3	0	0	10	7	23	23	4	0	1.31	54	S	
SELLAFIELD ...	9 9	13	6.9	2.5	4.7	-	-	10.5	22	-4.3	1	-	-	53	70	9	23	14	11	-	-	-	2	4	11	-	-	-	-	-	-	
LANCASHIRE																																
BAILRIGG ...	9 9	53	7.1	2.7	4.9	-	-	12.5	23	-2.4	14	-	-	34	-	8	12	13	7	-	0	-	0	4	12	-	-	-	2.11	-	-	
HELMSHORE ...	9 9	260	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
KIRKHAM ...	9 9	24	7.2	2.0	4.6	-	-	12.9	23, 24	-6.9	14	-	-	43	73	9	12	13	10	0	0	0	1	0	6	15	-	0	2.16	-	-	
MORECAMBE ...	9 9	7	7.1	3.0	5.1	+1.4	-	11.9	23	-2.0	14	-	-	36	60	7	6	14	8	2	0	1	0	0	3	-	0	0	1.88	73	-	
NELSON ...	9 9	165	6.1	1.5	3.8	+1.2	-	12.0	25	-3.5	14	3.4	5.1	53	64	7	11	17	13	-	1	1	0	0	9	18	-	0	-	-	S	
PRESTON ...	9 9	33	7.4	2.9	5.1	-	-	13.2	23	-2.6	14	-	-	40	65	9	12	15	12	4	0	0	1	0	0	4	15	-	0	-	-	
SLAIDBURN ...	9 9	192	5.6	1.3	3.5	-	-	10.5	25	-3.5	14	-	-	72	66	12	6	15	13	4	1	0	1	0	5	8	14	-	0	1.13	-	
SQUIRES GATE AIRPORT	21-9	10	7.2	2.6	4.9	+1.0	-	11.7	23	-3.4	14	-	-	47	87	10	6	14	9	3	0	1	2	1	1	7	8	7	0	2.50	95	-
STONYHURST ...	9 9	115	(6.4)	1.8	(4.1)	(+1.0)	-	12.1	25	-3.0	14	-	-	57	70	13	12	16	11	-	0	-	-	5	8	10	-	0	1.41	64	-	
MERSEYSIDE																																
ALBURNTHORPE ...	9 9	12	7.5	2.8	5.1	-	-	13.6	26	-2.2	14	-	-	(51)	-	13	12	(16)	(10)	0	0	1	0	0	5	3	-	0	-	-	-	
ST HELENS ...	9 9	76	7.2	1.8	4.5	-	-	13.6	25	-2.7	1	4.1	-	54	-	17	12	14	12	-	-	-	-	-	7	7	-	0	2.26	-	-	
SOUTHPORT ...	9 9	5	7.3	2.2	4.7	+1.0	-	13.5	23	-2.7	14	4.4	7.5	47	89	12	6	12	11	-	-	-	-	-	6	10	-	0	2.29	-	89	
SPEKE AIRPORT ...	21-9	22	7.7	2.6	5.1	+0.8	-	14.3	26	-3.1	14	-	-	46	-	14	12	15	10	6	0	1	4	0	0	5	10	6	0	2.54	113	-
WEST KIRBY PARK ...	9 9	8	8.0	2.7	5.3	+1.2	-	15.2	26	-3.1	14	-	-	43	90	9	12	17	9	1	0	1	0	0	5	7	-	0	-	-	-	
GREATER MANCHESTER																																
BOLTON ...	9 9	107	6.7	1.9	4.3	-	-	13.0	25	-3.0	14	4.3	5.2	47	-	12	12	13	11	2	0	0	2	0	3	6	14	-	0	1.63	82	-
MANCHESTER ...	21-9	75	7.3	2.9	5.1	+1.4	-	13.5	26	-2.4	14	-	-	40	75	10	12	12	11	6	0	0	2	0	0	5	7	7	0	2.21	101	-
RINGWAY AIRPORT	21-9	69	8.0	3.9	5.9	-	-	14.0	25	0.2	2	-	-	45	-	11	12	13	10	-	-	-	-	0	0	-	-	0	0	1.83	-	-
CHESHIRE																																
KNUTSFORD ...	9 9	65	7.5	2.0	4.7	-	-	14.2	26	-3.5	14	4.2	4.9	55	103	18	12	13	12	3	1	0	0	0	6	15	-	0	-	-	-	
MACCLESFIELD ...	9 9	152	6.6	2.0	4.3	+1.4	-	13.0	26	-3.2	14	-	-	42	66	15	12	14	10	6	1	0	1	0	0	8	-	0	-	-	-	
NESS GARDENS ...	9 9	55	7.6	2.1	4.9	-	-	14.9	23	-1.8	14	4.8	-	48	102	11	6	15	10	3	0	0	2	0	3	6	20	-	0	2.60	-	S
WINNINGTON ...	9 9	20	8.0	2.8	5.4	+1.1	-	14.1	25	-2.1	14	-	-	45	88	15	12	12	10	1	0	1	0	0	1	3	8	-	0	-	-	
ISLE OF MAN																																
DOUGLAS ...	9 9	87	6.8	3.2	5.0	+0.7	-	11.0	26	0.3	14	-	-	70	89	16	23	18	14	1	0	3	0	1	0	0	7	-	0	1.57	56	-
POINT OF AYRE ...	21-9	9	7.6	4.2	5.9	+0.9	-	12.6	9	-0.7	3	-	-	44	85	10	23	18	9	0	0	0	0	1	1	-	-	0	0	1.84	64	-
RONALDSWY AIRPORT	21-9	16	7.4	4.2	5.8	+1.1	-	10.6	26	-0.9	14	-	-	49	82	11	23	16	14	5	0	0	0	3	0	2	4	1	0	1.70	61	-
7B WALES N																																
GWYNEDD																																
ABER ...	9 9	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BALA ...	9 9	163	6.6	1.0	3.8	-	-	12.4	28	-4.7	14	4.0	4.6	57	56	12	12	15	11	4	0	1	1	0	1	19	19	0	0	2.00	-	-
BARDSEY ISLAND ...	21-9	16	7.4	4.8	6.1	-	-	10.9	26	0.3	2	-	-	47	82	14	11	15	11	1	0	0	0	1	0	2	0	4	1	0	-	-
BOTWNOG ...	9 9	34	7.8	2.6	5.2	-	-	12.4	26	-1.5	15	5.6	7.2	56	78	15	11	17	12	0	0	0	1	0	1	5	13	-	0	1.82	-	-
CWMYSTADLWYLL ...	9 9	204	6.2	1.8	4.0	-	-	11.0	28	-1.0	1,2,17	-	-	130	-	37	11	17	17	-	-	-	-	-	8	-	-	0	0	2.01	-	-
LLYN ALAW ...	9 9	44	(7.5)	3.1	(5.3)	-	-	13.0	26	-0.5	2	-	-	44	-	14	11	15	10	-	-	-	-	-	1	-	20	-	0	2.73	-	-
PEN-Y-FFRIDD ...	9 9	84	8.0	2.6	5.3	-	-	13.8	26	-1.6	3	-	-	56	74	13	11	14	10	0	0	0	1	0	0	5	16	19	0	0	-	-
TRAWSFYNYDD ...	9 9	193	6.7	1.3	4.0	-	-	11.9	28	-4.0	1	-	-	88	70	30	12	16	13	-	-	-	0	0	7	6	10	8	0	2.23	76	-
VALLEY ...	21-9	10	7.6	3.6	5.6	+0.6	-	11.4	26	-2.0	3	-	-	40	67	10	11	16	10	5	0	2	0	1	6	10	-	0	0	-	-	
CLWYD																																
ALWEN ...	9 9	335	5.1	-0.4	2.3	-	-	11.1	26	-4.5	14, 15	-	-	66	68	19	12	17	14	-	-	-	-	-	18	24	-	-	-	-	-	
BWLCHGWYN ...	9 9	386	4.9	0.0	2.5	-	-	11.0	26	-4.0	2	3.0	-	79	91	24	12	18	15	7	7	0	0	0	6	14	19	-	1	-	-	
COLWYN BAY ...	9 9	24	7.8	3.0	5.4	-	-	13.4	23	-0.8	2	4.7	-	35	62	9	12	14	11	1	0	0	0	0	3	3	-	0	3.11	126	-	
CORWEN ...	9 9	144	7.1	0.7	3.9	-	-	13.1	26	-5.5	14	-	-	57	69	10	12	15	10	5	3	0	0	0	15	22	-	0	-	-	-	
HAWARDEN BRIDGE ...	9 9	5	7.8	2.3	5.1	+0.8	-	15.2	26	-2.3	14	-	-	51	102	12	12	14	12	3	0	1	0	0	0	5	-	0	0	-	-	
LOGGERHEADS ...	9 9	210	6.3	0.2	3.3	-	-	12.5	23	-5.2	14	3.9	5.0	58	90	21	12	15	11	4	4	1	2	0	6	14	16	-	0	2.25	-	S
RUTHIN ...	9 9	76	7.8	1.9	4.9	-	-	13.8	23	-3.5	14	-	-	41	-	12	12	14	9	1	0	0	0	0	6	6	-	0	2.37	-	-	
POWYS(NORTH)																																
CEINNS ...	9 9	61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LAKE VYRNWY ...	9 9	303	5.0	0.1	2.5	+0.2	-	10.2	28	-3.8	14, 15	2.9	-	88	-	16	12	19	12	7	6	0	0	0	8	15	19	-	0	-	-	
MOEL CYNNEDD ...	9 9	358	4.9	-0.7	2.1	-	-	10.2	24	-5.1	14, 19	(3.9)	-	142	-	58	12	20	12	4	6	1	0	0	3	16	24	-	0	-	-	
7B WALES S																																
DYFED																																
ABERPORTH ...	21-9	134	7.0	3.0	5.0	+0.4	-	11.5	26	-1.7	1	-	-	41	65	11	12	13	9	4	0	1	2	0	2	4	16	8	0	2.85	103	-
ABERYSTWYTH ...	9 9	4	-	-	-	-	-	-	-	-	-	-	-	43	70	10	23	11	9	0	0	0	0	0	2	-	-	0	0	-	-	
BRAWDY ...	21-9	111	6.7	2.7	4.7	-	-	11.5	26	-5.1	1	-	-	48	-	10	11	14	12	5	0	1	7	0	7	9	11					

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

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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 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 FROST BELOW 0 DEGC	CONCRETE FROST BELOW 0 DEGC	RAIL	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE		
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE																							
8A WALES CONTINUED																																	
WEST GLAMORGAN																																	
MUMBLES HEAD	21-9	36	6.6	3.4	5.0	-	10.0	12-24	-2.0	1	-	-	75	89	22	12	18	12	2	0	0	0	0	3	4	5	3	2	-	-	-	-	
NEATH	9-9	62	7.2	2.1	4.7	-	11.6	28	-3.0	1	-	-	81	102	19	12	18	11	3	0	0	0	1	2	10	14	0	0	1.80	-	-	-	
PENMAEN	9-9	85	6.8	2.6	4.7	-	11.2	26	-3.5	1	5.2	6.1	58	79	17	12	15	12	0	0	0	0	1	6	16	14	0	0	1.88	-	-	-	
PORT TALBOT	9-9	7	7.9	3.2	5.5	-	12.3	28	-2.1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SWANSEA	9-9	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MID GLAMORGAN																																	
ABERDARE	9-9	174	6.5	1.5	4.0	-	11.9	24	-3.2	1	-	-	86	26	12	12	14	12	6	3	0	0	0	7	11	16	0	0	1.80	-	-	-	
LLWYNON	9-9	242	5.6	0.4	3.0	-	11.3	24	-4.0	1	-	-	87	65	25	12	19	13	4	0	0	0	13	17	16	0	0	1.48	-	-	-	-	
PORTHAWL	9-9	6	7.2	2.6	4.9	-	13.1	28	-1.5	1	-	-	59	90	19	12	17	14	1	0	0	0	12	5	-	-	0	1.94	-	-	-	-	
SOUTH GLAMORGAN																																	
BRIDGEND	9-9	43	7.1	2.2	4.7	-	12.2	29	-2.4	1	5.2	6.9	78	28	12	12	17	13	-	-	-	-	9	7	17	12	0	-	-	-	-	-	
RHOOSE AIRPORT	21-9	67	6.6	2.7	4.7	-	12.2	28	-1.7	1.3	-	-	63	-	21	12	17	12	5	0	0	7	0	3	7	14	12	0	1.69	-	-	-	-
GWENT																																	
CRUMBLAND	9-9	245	5.7	1.1	3.4	-	11.7	26	-4.6	1	4.1	5.1	58	79	13	5	17	9	3	2	0	0	9	12	17	0	0	1.93	-	-	-	-	
NEWPORT	9-9	23	6.8	1.9	4.3	-	12.5	24	-3.0	2	5.1	-	60	82	11	5	17	10	2	0	0	0	3	7	13	-	0	1.51	-	-	-	-	
USK	9-9	21	-	1.8	-	-	-	-	-3.0	15	5.0	-	56	71	10	5	14	11	1	0	0	0	-	9	13	-	0	1.41	61	-	-	-	
8B ENGLAND SW																																	
AVON																																	
BATH	9-9	118	6.7	2.1	4.4	-	11.4	24	-3.1	15	5.3	-	(151)	(27)	(7)	12	(51)	(21)	1	0	0	0	1	0	2	10	-	0	-	-	-	-	
FILTON	21-9	59	7.1	2.7	4.9	+0.7	13.2	29	-2.9	1	-	-	41	81	9	5	14	9	4	0	0	0	2	7	12	11	0	1.44	64	-	-	-	
LONG ASHTON	9-9	51	7.2	2.2	4.7	+0.4	12.9	29	-2.4	1	4.8	-	45	78	9	5	14	10	6	0	0	1	0	2	9	18	-	0	1.46	61	-	-	-
SOMERSET																																	
CANNINGTON	9-9	23	7.3	2.1	4.7	0.0	13.0	23	-2.5	15	5.5	-	49	100	17	12	12	9	2	-	0	0	5	7	20	-	0	1.58	59	-	-	-	
DOWNSIDE ABBEY	9-9	183	6.0	1.2	3.6	-	11.5	29	-4.0	1	-	-	68	91	18	12	13	12	4	1	0	1	0	4	10	-	0	-	-	-	-	-	
EXTON	21-9	335	5.3	1.3	3.3	-	11.9	24	-4.0	1	-	-	78	-	31	12	20	13	9	5	1	0	9	12	16	13	0	-	-	-	-	-	
HAWKRIIDGE	9-9	314	5.5	1.1	3.3	-	10.7	23	-4.2	1	-	-	89	73	35	12	(191)	13	6	1	0	3	0	9	12	16	0	1.37	-	-	-	-	
NETTLECOMBE	9-9	96	(7.4)	1.6	(4.5)	-	13.4	24	-2.6	1	4.8	-	49	-	19	12	15	9	3	0	0	0	0	12	19	-	0	-	-	-	-	-	
RODNEY STOKE	9-9	40	7.1	2.5	4.8	-	11.5	29	-2.3	1	5.2	6.5	49	80	14	12	12	9	1	0	0	1	0	7	8	13	-	0	-	-	-	-	
WINCANTON	9-9	114	-	1.6	-	-	-	-	-2.9	15	-	-	(52)	(82)	15	12	(151)	(11)	4	2	0	0	0	9	10	15	-	0	-	-	-	-	
YEDVILTON	21-9	18	7.5	2.2	4.9	-	13.4	24	-4.7	15	-	-	38	72	13	12	13	8	4	0	0	0	3	9	12	12	0	-	-	-	-	-	
DORSET																																	
BOURNEMOUTH																																	
HURN AIRPORT	21-9	10	7.4	2.4	4.9	-	13.6	24	-3.7	9	-	-	34	63	6	12	18	11	4	0	0	3	0	2	9	11	10	0	1.33	-	-	-	
METTRICK PARK	9-9	40	7.0	2.6	4.8	+0.3	13.0	24	-2.0	1	5.0	6.0	41	77	7	5	19	11	3	0	0	0	2	8	12	-	0	1.26	44	-	-	-	
CHRISTCHURCH	9-9	3	7.4	2.7	5.1	-	13.6	24	-3.0	9	-	-	39	75	7	12	17	12	2	0	0	1	0	7	19	-	0	-	-	-	-	-	
POOLE	9-9	5	7.7	2.7	5.2	+0.7	14.0	24	-2.4	9	5.3	6.4	39	73	9	5	11	11	3	0	0	0	3	8	11	-	0	1.28	45	-	-	-	
PORTLAND BILL (COASTGUARD)	21-9	53	6.7	3.4	5.1	-0.4	10.0	24	-2.1	1	-	-	41	-	9	5	17	10	4	0	0	0	2	5	6	4	0	1.21	-	-	-	-	
SWANAGE	9-9	11	7.6	3.6	5.6	+0.5	13.0	24	-0.9	1.15	-	7.3	44	79	8	5	17	13	3	0	0	0	1	4	8	-	0	1.21	44	-	-	-	
WYMOUTH	9-9	23	7.4	3.0	5.2	-	12.8	24	-1.6	1	-	-	41	-	8	12	14	9	1	0	0	0	0	0	8	-	0	1.28	43	-	-	-	
WIMBORNE	9-9	26	(7.4)	(2.7)	(5.1)	-	13.0	29	-2.9	19	-	-	47	78	12	12	16	12	1	2	0	0	0	1	10	14	0	-	-	-	-	-	
DEVON																																	
CHELDON BARTON	9-9	164	6.9	2.0	4.5	-	12.3	23	-2.9	14	5.3	-	59	-	24	12	16	9	5	1	0	2	4	9	14	-	1	1.46	-	-	-	-	
EXETER AIRPORT	21-9	32	7.6	3.2	4.4	+0.5	13.4	24	-2.6	14	-	-	30	52	7	12	11	7	5	0	1	4	0	1	8	12	8	0	1.29	48	-	-	-
EXMOUTH	9-9	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HARTLAND POINT	21-9	91	7.0	3.8	5.4	+0.2	13.5	28	-2.1	1	-	-	46	83	11	12	15	11	0	0	0	1	0	3	2	4	3	(2.26)	(83)	-	-	-	
ILFRACOMBE	9-9	8	8.3	4.0	6.1	-	13.0	23	-0.8	1	6.2	8.5	58	-	17	12	16	12	0	0	0	0	0	3	9	-	0	2.30	-	-	-	-	
NEWTON ABBOT	9-9	83	-	2.8	-	-	-	-	-2.5	1	-	-	47	57	9	5	20	12	2	0	0	0	0	3	7	(14)	0	0	1.54	55	-	-	-
PLYMOUTH																																	
MOUNT BATTEN	21-9	27	7.8	3.9	5.9	+0.4	12.1	24	-3.8	1	-	-	57	76	14	12	17	13	6	0	0	2	0	1	5	9	5	0	2.02	71	-	-	-
THE HOE	9-9	36	7.8	3.7	5.7	+0.1	11.5	24	-3.5	1	6.2	7.3	48	65	8	12	17	13	1	0	0	0	0	5	11	-	0	2.04	71	-	-	-	
PRIMLE POINT	21-9	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2														

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

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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		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	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														
NORTHERN IRELAND																																
LONDONDERRY																																
AGHANLOO	9 9	18	8.5	2.9	5.7	-	12.9	9	-1.0	18	-	-	31	-	8	10	9	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BANAGHER(CAUGH HILL)	9 9	216	6.8	1.4	4.1	-	11.4	26	-2.2	1	-	-	67	-	23	11	18	11	5	-	-	-	-	-	-	-	-	-	-	-	-	-
CARMONEY	9 9	73	7.7	1.9	4.8	-	11.8	9.25	-1.0	3.4.16	-	-	48	-	16	11	13	7	1	-	-	-	-	-	-	-	-	-	-	-	-	
COLERAINE UNIVERSITY	9 9	23	7.7	2.1	4.9	-	12.5	9.25	-2.9	16	4.6	-	36	-	10	10	12	8	5	-	-	-	-	-	-	-	-	-	-	-	-	
COOLKEERAGH	9 9	3	8.5	3.1	5.8	-	12.7	22	-1.4	16	-	-	44	-	15	10	10	7	-	-	-	-	-	-	-	-	-	-	-	-	-	
DERRYNOYD FOREST	9 9	88	7.3	1.6	4.5	-	11.9	9	-2.7	18	-	-	67	-	74	20	17	12	4	2	-	-	-	-	-	-	-	-	-	-	-	
GARYVAGH FOREST	9 9	88	7.3	1.5	4.4	-	12.2	25	-2.8	18	4.0	-	64	-	76	17	16	10	4	2	-	-	-	-	-	-	-	-	-	-	-	
LOUGHMORE FOREST	9 9	174	7.2	1.2	4.2	-	11.8	25	-5.5	16	-	-	52	-	59	15	18	11	4	3	-	-	-	-	-	-	-	-	-	-	-	
MONEYDIO	9 9	34	8.1	1.5	4.8	+1.1	13.5	25	-2.7	16	5.3	-	51	-	70	12	12	11	4	2	-	-	-	-	-	-	-	-	-	-	-	
SOMERSET FOREST	9 9	43	8.2	2.3	5.3	-	13.6	25	-1.5	18	-	-	33	-	46	5	19	17	13	1	-	-	-	-	-	-	-	-	-	-	-	
TRAOD POINT	9 9	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ANTRIM																																
ALDERGROVE AIRPORT	21-9	68	7.5	2.8	5.1	+1.3	11.9	9	-2.3	18	5.1	6.9	46	-	76	11	23	14	9	6	1	-	-	-	-	-	-	-	-	-	-	
ALTNAHINCH	9 9	226	6.2	1.4	3.8	-	10.3	9	-3.5	2	-	-	70	-	67	19	11	17	14	3	2	-	-	-	-	-	-	-	-	-	-	-
BALLYLUMFORD	9 9	24	8.1	3.3	5.7	-	12.4	25	0.0	8	-	-	51	-	11	11	17	10	-	-	-	-	-	-	-	-	-	-	-	-	-	
BALLYMONEY	9 9	55	7.6	1.9	4.7	-	12.7	25	-2.7	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BALLYPATRICK FOREST	9 9	152	7.1	2.8	4.9	-	12.1	9	-3.7	18	-	-	54	-	63	22	11	16	12	1	-	-	-	-	-	-	-	-	-	-	-	
CARLLOUGH	9 9	12	8.4	3.1	5.7	-	12.8	26	-3.0	18	-	-	64	-	24	11	16	9	2	-	-	-	-	-	-	-	-	-	-	-	-	
DIVIS MOUNTAIN	9 9	363	5.5	0.5	3.0	-	9.3	22	-3.1	1	-	-	61	-	75	21	11	13	11	-	-	-	-	-	-	-	-	-	-	-	-	
GREENMOUNT	9 9	32	8.1	1.9	5.0	-	12.2	9	-3.4	18	4.8	-	40	-	71	8	13	13	9	2	1	-	-	-	-	-	-	-	-	-	-	
KILROOT POWER STATION	9 9	12	8.2	2.8	5.5	-	13.1	26	-2.1	18	-	-	40	-	9	11	15	11	-	-	-	-	-	-	-	-	-	-	-	-	-	
LARNE	9 9	43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LISNAFFILLAN	9 9	38	7.9	2.6	5.3	-	12.7	25	-2.5	18	-	-	49	-	75	11	11	14	10	0	-	-	-	-	-	-	-	-	-	-	-	
LOWTOWN	9 9	271	5.9	1.5	3.7	-	10.2	26	-2.1	18	3.8	-	77	-	82	21	11	24	14	4	5	-	-	-	-	-	-	-	-	-	-	
MALLUSK(HYDE PARK)	9 9	140	7.1	2.1	4.6	-	11.6	9	-3.0	18	-	-	57	-	12	11	17	13	-	-	-	-	-	-	-	-	-	-	-	-	-	
PARKMORE FOREST	9 9	235	6.3	0.5	3.4	-	10.3	26	-3.7	18	3.9	-	104	-	94	35	11	18	14	3	2	-	-	-	-	-	-	-	-	-	-	
WOODBURN NORTH	9 9	217	6.5	1.9	4.2	-	10.5	9	-2.0	14	-	-	59	-	75	13	11	19	14	3	2	-	-	-	-	-	-	-	-	-	-	
BELFAST																																
MALONE	9 9	35	8.1	2.4	5.3	-	12.8	9	-2.5	18	5.1	-	48	-	16	1	17	12	-	-	-	-	-	-	-	-	-	-	-	-	-	
MILLTOWN	9 9	37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NEWTOWNABBEY	9 9	32	8.0	3.6	5.8	-	12.6	9	-0.6	18	5.4	-	45	-	64	9	11	15	12	3	1	-	-	-	-	-	-	-	-	-	-	
ROSEBANK	9 9	47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ROSETTA	9 9	24	8.1	3.1	5.5	-	12.6	9	-0.3	18	-	-	46	-	72	15	11	15	11	-	-	-	-	-	-	-	-	-	-	-	-	
STORMONT CASTLE	9 9	56	7.7	2.9	5.3	-	12.1	9.26	-1.0	1	5.0	6.3	43	-	68	10	11	14	11	3	1	-	-	-	-	-	-	-	-	-	-	
DOWN																																
BANGOR SEACOURT	9 9	15	8.0	3.9	5.9	-	13.2	26	0.2	11	5.9	7.4	38	-	9	25	15	11	1	1	-	-	-	-	-	-	-	-	-	-	-	
BALLYWALTER PARK	-	11	-	-	-	-	-	-	-	-	-	-	33	-	12	23	14	10	-	-	-	-	-	-	-	-	-	-	-	-	-	
BALLYWATTCOCK	-	6	7.8	2.9	5.3	-	12.6	26	-1.7	18	-	-	36	-	68	9	23	16	10	3	1	-	-	-	-	-	-	-	-	-	-	
CREIGHTONS GREEN	9 9	119	7.3	2.7	5.0	-	11.4	9	-1.6	11	-	-	40	-	60	9	23	11	11	-	-	-	-	-	-	-	-	-	-	-	-	
DOWNPATRICK	9 9	26	8.5	3.0	5.7	-	12.6	9	-4.1	18	-	-	46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HELENS BAY	9 9	43	7.7	3.3	5.5	-	12.4	9	-0.9	18	-	-	39	-	68	9	11	15	10	3	1	-	-	-	-	-	-	-	-	-	-	
HILLSBOROUGH	9 9	116	7.4	1.4	4.4	+0.7	11.9	9	-3.0	18	5.1	6.5	44	-	77	10	23	14	10	2	1	-	-	-	-	-	-	-	-	-	-	
KILKEEL	21-9	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
KILLLOUGH	21-9	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MURLLOUGH	9 9	9	8.5	2.0	5.3	-	14.4	26	-8.1	18	4.9	5.9	56	-	12	23	14	12	2	1	-	-	-	-	-	-	-	-	-	-	-	
ARMAGH																																
ARMAGH	9 9	62	7.6	2.1	4.9	+0.6	12.0	9	-1.9	7	5.2	6.8	40	-	71	9	11	15	10	3	1	-	-	-	-	-	-	-	-	-	-	
LOUGHGALL	9 9	25	7.9	1.6	4.7	-	12.5	9	-3.1	20	-	-	38	-	72	8	23	15	7	4	1	-	-	-	-	-	-	-	-	-	-	
LURGAN	9 9	55	8.0	2.4	5.2	-	12.4	9	-2.4	18	5.0	6.4	39	-	73	9	23	12	8	1	-	-	-	-	-	-	-	-	-	-	-	
PORTADOWN	9 9	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TANDRAGEE	9 9	43	8.7	2.3	5.5	-	14.2	26	-2.5	18	-	-	39	-	8	20	9	9	3	-	-	-	-	-	-	-	-	-	-	-	-	
TYRONE																																
CARRIGANS	21-9	113	7.6	2.5	5.1	-	12.0	25	-3.2	16	-	-	55	-	72	15	10	14	11	4	1	-	-	-	-	-	-	-	-	-	-	
COOKSTOWN	9 9	77	7.5	1.4	4.5	-	12.1	26	-3.2	18	4.6	-	49	-	69	10	20	14	13	3	1	-	-	-	-	-	-	-	-	-	-	
LOUGH BRADAN	9 9	169	7.1	0.9	4.0	-	10.9	26	-4.0	16	-	-	69	-	71	23	11	16	12	-	-	-	-	-	-	-	-	-	-	-	-	
POMEROY FOREST	9 9	174	6.7	1.6	4.1	-	11.1	25	-1.0	18	4.6	-	58	-	68	12	10	15	11	2	1	-	-	-	-	-	-	-	-	-	-	
STRABANE CONVENT	9 9	44	8.3	2.6	5.5	-	12.3	9	-3.1	16	-	-	51	-	78	15	11	14	9	2	1	-	-	-	-	-	-	-	-	-	-	
TIEVENNY	9 9	41	-	1.8	-	-	-	-	-4.5	16	-	-	52	-	-	14	11	14	10	-	-	-	-	-	-	-	-	-	-	-	-	
FERMANAGH																																
CASTLE ARCHOALE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FOREST	9 9	66	8.2	2.0	5.1	+1.2	12.8	9	-4.0	16	5.4	6.2	45	-	59	11	10	13	10	5	-	-	-	-	-	-	-	-	-	-	-	
CORGARY	9 9	156	7.5	2.0	4.7	-	11.0	28	-2.0	1	-	-	55	-	12																	

TABLE 4. SUMMARY OF OBSERVATIONS AT FIXED HOURS

FEBRUARY 1976

[illegible]

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

FEBRUARY 1976

HEIGHT OF BAROMETER ABOVE MSL (METRES)	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT							VISIBILITY							WIND SPEED AND DIRECTION																		
		AT MSL (MB)	DIFFERENCE FROM 1941-70 AVERAGE	DRY BULB DEGREES C	DEPRESSION OF WET BULB DEGREES C	WET BULB DEGREES C	VAPOUR PRESSURE (MB)	RELATIVE HUMIDITY (%)	OKTAS							VISIBILITY							BEAUFORT FORCE																	
									MEAN	0	1-2	3-5	6-7	8	SKY OBSERVED	0-39M	40-190M	200-390M	400-990M	1000-1900M	2000-3900M	4-9KM	10-19KM	20-39KM	40KM AND OVER	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																																								
ESKDALEMUR	237	3	1016.8	-	2.2	0.5	6.7	92	7.2	1	0	3	5	19	1	0	0	1	0	1	17	6	3	0	0	0	2	9	10	8	2	4	1	2	8	2	0	0	0	
	9	9	1017.3	+4.1	2.4	0.4	6.8	93	7.4	0	1	1	6	20	1	0	1	0	1	2	6	12	3	4	0	0	0	4	10	13	5	3	4	2	3	10	3	0	0	
	15	15	1016.3	-	4.4	1.0	7.3	85	6.9	0	1	3	11	14	0	0	0	1	1	2	9	10	5	0	0	0	4	10	15	2	4	1	3	7	5	2	0	1		
	21	21	1016.9	-	3.0	0.7	6.9	89	6.9	2	1	1	5	20	0	0	0	0	0	3	13	10	2	1	0	0	1	9	12	7	1	5	1	10	1	2	0	1		
2 ENGLAND E & NE NORTHUMBERLAND																																								
BOULMER	-	3	1017.1	-	4.0	0.6	7.4	89	6.6	1	3	1	7	17	0	0	0	0	1	1	7	8	1	4	7	0	1	11	17	0	1	0	5	4	6	6	7	0	0	
	9	9	1017.5	-	4.3	0.6	7.6	90	6.9	0	3	2	6	18	0	0	0	0	3	8	8	2	3	5	0	0	1	17	10	1	0	2	4	4	7	4	7	0	0	
	15	15	1016.7	-	6.2	1.2	7.9	82	6.3	0	2	7	10	10	0	0	1	0	0	4	11	5	2	6	0	0	1	17	11	0	0	2	4	4	8	7	5	0	0	
	21	21	1017.2	-	4.8	0.8	7.6	87	6.1	2	3	3	5	15	1	0	1	1	0	1	3	10	2	3	8	0	0	1	13	14	1	0	0	4	4	8	5	5	2	0
SEAHOUSES	12	3	1016.7	-	-	-	-	-	6.2	3	1	4	4	16	1	0	0	0	1	0	6	6	3	12	1	0	4	12	12	1	1	0	5	2	7	6	7	0	0	
	9	9	1017.1	-	-	-	-	-	6.8	0	2	2	11	14	0	0	0	0	0	10	6	3	9	0	0	3	12	14	0	1	0	5	0	13	4	6	0	0		
	15	15	1016.3	-	-	-	-	-	6.3	0	3	4	13	9	0	0	0	0	0	2	7	6	3	9	2	0	1	19	9	0	0	1	5	1	9	3	9	1	0	
	21	21	1016.7	-	-	-	-	-	5.8	2	4	2	9	12	0	0	0	0	1	1	5	5	6	11	0	0	2	15	11	1	0	3	3	1	9	7	5	0	0	
TYNE & WEAR																																								
NEWCASTLE	72	3	1017.7	-	4.5	1.0	7.2	84	6.8	2	0	2	7	18	0	0	0	0	1	3	6	7	6	6	0	0	0	4	22	3	0	1	4	2	11	2	6	0	0	
WEATHER CENTRE (X)	15	9	1018.3	-	4.5	1.0	7.2	85	6.8	0	2	3	8	16	0	0	0	0	1	4	8	5	2	1	0	0	0	8	20	1	0	1	5	1	12	5	4	0	0	
	15	15	1017.4	-	6.6	1.8	7.4	74	6.7	0	3	1	10	15	0	0	0	0	0	1	7	9	7	4	1	0	0	12	17	0	1	2	5	9	6	4	0	0		
	21	21	1017.9	-	5.5	1.1	7.6	82	6.4	2	2	2	9	14	0	0	0	0	0	5	4	8	9	2	1	0	0	8	20	1	1	0	4	3	9	5	6	0	0	
TYNEMOUTH	40	3	1017.7	-	4.7	0.9	7.5	85	6.4	4	1	0	6	18	0	0	0	0	1	4	5	14	5	0	1	4	12	12	1	0	5	1	15	1	6	0	0	0		
	9	9	1018.3	+5.0	4.7	0.9	7.5	86	6.8	0	3	3	6	17	0	0	0	0	0	12	7	9	1	0	0	3	15	11	0	1	0	5	2	13	3	5	0	0		
	15	15	1017.4	-	6.4	1.5	7.7	78	6.6	1	1	5	8	14	0	0	0	0	1	7	6	12	3	0	0	3	16	10	0	2	0	4	3	11	3	6	0	0		
	21	21	1017.8	-	5.6	1.1	7.9	84	6.3	2	2	3	8	14	0	0	0	0	1	6	5	12	5	0	0	0	2	17	10	0	0	1	6	0	12	2	8	0	0	
NORTH YORKSHIRE																																								
LEEMING	33	3	1017.8	-	3.6	0.8	7.0	87	6.5	1	4	1	4	18	1	0	0	1	5	2	7	3	2	1	8	0	1	7	19	2	4	3	3	10	2	1	4	0	0	
	9	9	1018.8	+5.0	3.5	0.7	7.1	89	7.0	1	1	2	8	15	2	0	0	3	4	6	3	0	4	5	0	0	0	8	18	3	4	1	11	4	2	3	0	0		
	15	15	1017.7	-	6.3	1.6	7.5	77	6.4	0	3	4	8	14	0	0	0	0	3	6	7	3	4	6	0	0	0	12	17	0	3	1	3	6	8	4	0	0		
	21	21	1018.3	-	4.5	1.0	7.2	84	6.2	3	2	1	8	14	1	0	1	0	1	4	3	8	4	1	7	0	0	8	20	1	2	1	3	6	7	1	7	1	0	
WHITBY C.O.	66	3	1017.8	-	4.3	0.9	7.2	85	5.7	5	2	3	2	17	0	0	0	0	0	4	5	10	6	4	0	0	1	16	11	1	1	3	3	9	7	1	1	0	0	
	9	9	1018.6	-	4.2	0.9	7.2	86	6.8	0	1	5	7	16	0	0	0	1	0	2	2	9	4	9	2	0	2	13	12	2	0	2	4	3	14	2	2	0	0	
	15	15	1017.7	-	5.9	1.3	7.7	81	6.6	1	2	0	14	12	0	0	0	0	4	4	6	5	9	1	0	1	14	13	1	1	1	3	5	8	7	3	0	0		
	21	21	1018.2	-	5.0	1.0	7.4	84	5.2	4	4	4	13	0	0	0	0	0	4	4	6	6	7	3	0	0	2	13	13	1	0	3	2	4	10	5	4	0	0	
HUMBERSIDE																																								
KILNER	16	3	1018.1	-	4.0	0.4	7.6	92	6.2	3	2	2	4	17	1	0	0	0	2	2	3	7	14	1	0	0	4	12	11	2	0	4	4	4	7	4	3	1	0	
	9	9	1019.1	+5.2	4.0	0.5	7.5	91	6.7	1	1	4	5	14	4	0	1	1	3	3	9	6	1	0	1	0	1	19	7	2	0	3	6	5	6	3	4	0	0	
	15	15	1018.3	-	5.3	1.0	7.7	86	6.8	0	1	5	7	14	2	0	2	0	0	4	6	5	12	0	0	0	5	10	14	0	0	1	7	5	7	4	4	0	0	
	21	21	1018.7	-	4.5	0.6	7.7	91	5.7	4	3	3	4	15	0	0	0	0	1	1	4	10	12	1	0	0	5	13	9	2	0	2	7	3	7	4	4	0	0	
LINCOLNSHIRE																																								
BINBROOK	112	3	1018.6	-	3.0	0.5	7.1	92	6.6	2	1	3	5	17	1	0	2	1	1	2	10	5	6	2	0	0	0	16	13	0	1	0	7	2	8	7	3	1	0	
	9	9	1019.6	-	3.0	0.4	7.1	92	7.3	0	1	1	9	16	2	0	2	0	3	4	6	5	4	0	0	0	2	14	13	0	2	1	7	4	8	4	3	0	0	
	15	15	1018.6	-	5.6	1.2	7.5	81	6.9	0	1	2	13	13	0	0	0	0	2	5	10	6	6	0	0	0	2	15	12	0	0	1	10	2	7	4	7	0	0	
	21	21	1019.3	-	3.8	0.7	7.3	89	5.9	3	2	5	1	18	0	0	1	1	0	3	5	11	6	2	0	0	0	1	16	9	3	0	1	7	2	6	5	5	0	0
WADDINGTON	70	3	1018.2	-	3.2	0.5	7.2	92	6.4	1	4	2	4	16	2	0	3	0	1	3	7	5	6	4	0	0	0	13	16	0	0	3	6	4	6	6	2	2	0	
	9	9	1019.2	+4.7	3.2	0.5	7.2	91	7.0	0	2	1	12	11	3	0	2	1	2	3	7	6	4	4	0	0	0	12	17	0	2	4	5	3	9	3	3	0	0	
	15	15	1018.3	-	6.0	1.4	7.5	80	6.7	0	2	4	9	13	1	0	1	0	1	3	2	7	7	8	0	0	0	14	15	0	1	3	6	4	6	7	2	0	0	
	21	21	1019.0	-	4.1	0.7	7.4	89	5.6	3	6	0	6	14	0	0	0	0	3	3	4	4	11	4	0	0	0	12	17	0	1	3	8	4	4	5	4	0	0	
3 EAST ANGLIA NORFOLK																																								
COLTISHALL	17	3	1018.7	-	3.8	0.9	6.9	85	6.6	3	1	0	9	15	1	1	0	0	0	6	6	8	7	1	0	0	0	11	16	2	0	2	9	4	3	4	4	1	0	
	9	9	1019.5	-	3.8	0.8	7.0	86	6.9	1	2	0	11	14	1	0	1	0	3	3	10	3	7	2	0	0	1	14	11	3	1	2	7	5	3	4	4	0	0	
	15	15	1018.8	-	6.5	1.9	7.3	74	6.8	0	2	2	10	15	0	0	0	0	3	7	5	9	5	0	0	0	1	12	16	0	1	0	8	5	7	4	4	0	0	
	21	21	1019.4	-	4.2	0.8	7.2	86	6.4	2	3	1	7	15	1	0	0	1	1	8	4	8	4	3	0	0	0	10	18	1	0	3	9	2	5	4	5	0	0	
MARHAM	24	3	1018.6	-	3.1	0.3	7.4	94	6.6	3	2	0	3	18	3	0	1	3</																						

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

FEBRUARY 1976

HEIGHT OF BAROMETER ABOVE MSL (METRES)	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT						VISIBILITY						WIND SPEED AND DIRECTION																									
		AT MSL (MB)	DIFFERENCE FROM 1941-70 AVERAGE	DRY BULB DEGREES C	DEPRESSION OF WET BULB DEGREES C	VAPOUR PRESSURE (MB)	RELATIVE HUMIDITY (%)	OKTAS						0 - 39M	40 - 190M	200 - 390M	400 - 990M	1000 - 1900M	2000 - 3900M	4 - 9KM	10 - 19KM	20 - 39KM	40KM AND OVER	BEAUFORT FORCE								N	NE	E	SE	S	SW	W	NW						
								MEAN	0	1 - 2	3 - 5	6 - 7	8											SKY OBSERVED	SPEED (KT)																				
																									18 OR MORE	22-33	11-21	1-10	0																
NUMBER OF OBSERVATIONS																																													
4 MIDLAND COUNTIES																																													
WEST YORKSHIRE																																													
HUDDERSFIELD DAKES	235	3	1017.9	-	2.1	0.4	6.7	93	7.4	0	0	1	7	19	2	0	3	0	7	0	1	7	7	4	0	0	0	7	20	2	2	1	5	5	3	2	7	2	2	1	5	5	3	2	
	9	1018.7	-	2.9	0.5	7.0	91	6.9	0	1	5	6	17	0	0	0	0	3	5	1	1	7	7	5	0	0	0	8	21	0	1	5	5	3	4	6	3	2	1	5	5	3	2		
	15	1018.0	-	5.2	1.1	7.5	84	7.0	0	1	3	8	17	0	0	1	0	5	1	2	3	10	7	0	0	0	3	10	16	0	0	5	5	2	5	5	6	1	5	5	6	1			
21	1018.6	-	3.6	0.6	7.2	90	6.3	3	0	4	7	15	0	0	0	0	1	5	1	2	7	5	8	0	0	0	4	8	17	0	1	3	6	2	4	5	5	5	5	5	3	3			
WILSDEN	267	3	1017.9	-	2.5	0.4	6.9	93	6.9	1	2	2	18	4	0	1	2	0	5	3	8	10	0	0	0	0	13	13	3	1	2	6	3	6	3	5	0	4	1	6	3	5	0		
	9	1018.8	-	2.4	0.4	6.9	93	6.8	0	0	8	4	8	9	0	2	3	4	0	2	8	10	0	0	0	0	14	13	2	1	1	6	5	5	4	4	1	1	6	5	4	1			
	15	1017.8	-	4.6	0.9	7.3	86	6.8	0	1	4	10	6	8	0	1	4	3	2	1	8	10	0	0	0	2	12	11	4	1	2	5	1	4	5	7	0	1	2	5	7	0			
21	1018.4	-	3.3	0.5	7.2	92	6.4	1	1	6	4	12	5	0	1	3	1	1	3	11	9	0	0	0	0	13	16	0	1	1	6	6	6	2	7	0	1	6	6	2	7	0			
SOUTH YORKSHIRE																																													
FINNINGLEY	15	3	1018.1	-	3.5	0.7	7.1	89	6.5	2	2	1	8	16	0	0	0	1	6	1	7	5	4	4	1	0	0	7	22	0	3	1	5	4	9	2	4	1	5	4	1	5	4	1	
	9	1019.1	+4.7	3.5	0.6	7.2	91	7.0	0	2	1	10	15	1	0	1	1	6	3	6	4	4	4	1	0	0	0	6	21	2	4	2	4	5	8	1	3	0	1	4	5	8	1		
	15	1018.1	-	6.7	1.8	7.4	76	6.6	0	3	1	14	11	0	0	0	0	2	2	3	7	6	1	0	0	0	9	20	0	2	2	6	2	9	5	3	0	2	6	2	9	5	3	0	
21	1018.8	-	4.2	0.8	7.3	86	5.7	5	2	4	2	16	0	0	0	0	0	4	3	5	7	7	3	0	0	0	9	20	0	1	4	6	4	6	4	4	0	1	4	6	4	4	0		
NOTTINGHAMSHIRE																																													
WATNALL	119	3	1018.3	-	3.2	0.4	7.2	93	6.2	2	3	2	4	18	0	0	0	1	4	1	8	7	6	2	0	0	0	7	18	4	1	4	7	1	4	5	3	0	1	4	5	3	0		
	9	1019.2	+4.7	3.2	0.5	7.1	92	7.0	0	1	3	7	17	1	0	1	2	1	8	6	8	2	1	0	0	0	11	15	3	1	4	5	2	5	5	3	1	1	4	5	3	1			
	15	1018.3	-	6.0	1.3	7.7	82	6.5	0	5	3	4	17	0	0	0	1	1	5	5	5	5	7	0	0	0	11	18	0	1	4	7	1	7	5	4	0	1	4	7	5	4	0		
21	1019.1	-	4.2	0.6	7.6	90	5.6	2	6	2	3	16	0	0	0	0	0	1	5	7	10	5	1	0	0	0	10	16	3	1	3	6	1	4	5	6	0	1	3	6	1	4	5	6	0
SALOP																																													
SHAWBURY	76	3	1018.0	-	3.5	0.5	7.3	91	7.1	0	1	3	6	18	1	0	0	1	2	3	7	4	6	5	1	0	1	5	22	1	1	4	8	5	2	2	4	2	1	4	8	5	2		
	9	1018.8	+4.0	3.6	0.6	7.3	90	6.3	2	3	1	8	15	0	0	0	3	1	5	4	7	4	4	1	0	0	4	23	2	1	3	8	2	6	4	3	0	1	3	8	2	6	4	3	
	15	1018.0	-	6.7	1.5	7.9	79	6.1	0	4	5	7	13	0	0	0	0	0	5	3	4	9	4	4	0	0	10	19	0	1	1	7	3	9	1	7	0	1	7	3	9	1	7	0	
21	1018.8	-	4.3	0.7	7.5	88	6.2	2	3	2	6	16	0	0	0	0	0	1	5	6	3	3	8	3	0	0	8	19	2	1	2	6	3	5	5	4	1	1	2	6	3	5	4	1	
WEST MIDLANDS																																													
EDGBASTON	165	9	1019.1	+4.0	3.2	0.5	7.2	91	7.1	1	1	2	4	18	3	0	1	0	6	1	7	9	4	1	0	0	1	5	21	2	2	2	6	2	9	3	3	0	1	2	6	2	9	3	0
	15	1018.2	-	5.8	1.5	7.3	78	6.8	0	2	4	7	16	0	0	0	0	2	5	3	6	6	4	3	0	0	9	20	0	1	1	9	1	8	4	5	0	1	1	8	4	5	0		
	21	1019.0	-	4.4	0.8	7.5	88	6.0	3	3	3	2	18	0	0	0	0	1	4	3	9	9	2	1	0	0	8	16	5	1	1	6	2	6	3	3	2	1	6	2	6	3	3	2	
ELMDON	100	3	1018.3	-	3.1	0.5	7.1	91	6.6	2	2	2	4	19	0	0	0	1	7	5	7	3	6	0	0	0	1	4	24	0	1	1	8	6	7	3	2	1	1	8	6	7	3	2	
	9	1019.1	+4.1	3.4	0.6	7.2	90	7.0	0	2	0	11	15	1	0	0	1	1	7	5	8	5	2	0	0	0	1	5	21	2	1	3	7	3	7	3	3	0	1	3	7	3	3	0	
	15	1018.3	-	6.3	1.7	7.3	76	6.9	0	2	5	4	18	0	0	0	0	0	4	4	8	8	5	0	0	1	10	18	0	1	4	6	2	8	3	5	0	1	4	6	2	8	3	5	0
21	1019.2	-	4.0	0.7	7.4	89	5.8	3	5	0	5	16	0	0	0	0	1	4	5	8	7	4	0	0	0	0	7	21	1	2	1	6	4	7	4	3	1	2	6	4	3	1			
HEREFORD & WORCESTER																																													
PERSHORE	36	3	1018.2	-	3.8	0.6	7.4	91	6.7	2	1	2	6	18	0	0	0	0	2	9	9	3	6	0	0	0	8	18	3	1	4	7	2	5	2	4	1	1	4	7	3	1	2		
	9	1019.0	-	3.9	0.6	7.5	90	6.9	2	0	1	10	16	0	0	0	0	1	3	6	11	5	3	0	0	0	8	20	1	1	4	6	4	7	3	1	1	1	4	6	4	7	3	1	
	15	1018.3	-	6.6	1.5	7.8	78	6.9	0	0	5	8	16	0	0	0	0	0	8	4	9	5	3	0	0	0	12	16	1	1	5	6	1	6	5	4	0	1	5	6	1	4	5	4	0
21	1019.0	-	4.4	0.6	7.7	90	6.1	3	4	1	3	18	0	0	0	0	0	3	6	10	5	3	2	0	0	8	18	3	1	3	6	1	7	5	3	0	1	3	6	1	7	5	3	0	
GLOUCESTER																																													
INNSWORTH	-	3	1018.1	-	4.5	0.7	7.6	88	7.0	0	2	3	7	16	1	0	0	0	2	0	4	14	6	2	1	0	0	5	18	6	1	3	5	0	7	4	2	1	1	3	5	0	1		
	9	1019.1	-	4.7	0.8	7.6	87	6.6	2	1	2	6	17	1	0	0	0	1	10	13	4	0	0	0	0	1	6	17	5	2	3	5	7	1	5	3	0	2	5	3	0				
	15	1018.2	-	7.2	1.6	8.0	77	6.9	0	1	5	8	15	0	0	0	0	0	3	7	9	5	4	1	0	0	9	19	1	1	4	6	2	5	5	5	0	1	4	6	2	5	5	0	
21	1019.2	-	5.3	0.9	7.8	86	6.4	1	5	0	6	16	1	0	0	0	1	0	5	14	3	5	1	0	0	5	21	3	1	4	5	0	7	5	3	1	1	4	5	0	7	5	3	1	
LITTLE RISSINGTON	229	3	1018.8	-	2.7	0.4	7.1	93	6.8	1	3	0	6	16	3	0	2	2	3	6	8	2	3	1	0	0	15	9	5	1	2	7	1	6	5	1	1	1	6	5	1	1	6	5	1
	9	1019.7	+4.4	2.7	0.4	7.0	92	6.9	1	3	0	9	12	5	0	5	0	4	3	9	2	2	1	0	0	0	14	13	2	3	4	6	2	6	4	2	0	2	4	5	5	4	2	0	
	15	1018.7	-	5.2	1.2	7.3	82	7.1	0	0	3	10	14	2	0	1	1	2	1	6	4	5	7	2	0	0	16	13	0	2	4	5	3	5	5	4	1	2	4	5	5	4	1		
21	1019.7	-	3.6	0.5	7.4	92	6.7	1	2	2	5	16	3	0	3	0	2	4	5	5	4	3	3	0	0	15	13	1	2	3	7	2	5	3	5	1	2	3	7	2	5	3	5	1	
OXFORDSHIRE																																													
BENSON	74	3	1018.7	-	3.8	0.5	7.6	92	7.1	1	1	1	6	20	0	0	0	0	3	11	6	3	4	1	0	0	4	18	7	1	9	0	1	6	3	1	1	1	6	3	1	1	6	3	1
	9	1019.5	-	4.0	0.6	7.5	90	7.2	0	2	0	7	20																																

[illegible]

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

FEBRUARY 1976

HEIGHT OF BAROMETER ABOVE MSL (METRES)	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT							VISIBILITY							WIND SPEED AND DIRECTION																	
		AT MSL (MB)	DIFFERENCE FROM 1941-70 AVERAGE	DRY BULB DEGREES C	DEPRESSION OF WET BULB DEGREES C	VAPOUR PRESSURE (MB)	RELATIVE HUMIDITY (%)	OKTAS							0 - 39M	40 - 190M	200 - 390M	400 - 990M	1000 - 1900M	2000 - 3900M	4 - 9KM	10 - 19KM	20 - 39KM	40MM AND OVER	BEAUFORT FORCE					N	NE	E	SE	S	SW	W	NW		
								0	1 - 2	3 - 5	6 - 7	8	SKY OBSERVED	34 OR MORE											SPEED (KT)														
																									22-33	11-21	1-10	0											
																													NUMBER OF OBSERVATIONS										
BB ENGLAND SW																																							
AVON																																							
FILTON	61	3	1018.1	-	4.0	0.6	7.5	89	6.9	0	3	1	7	18	0	0	0	0	0	2	9	10	5	3	0	0	0	10	19	0	1	3	10	3	4	1	6	1	
		9	1019.0	+ 3.4	4.2	0.6	7.6	89	6.7	1	2	2	8	14	2	0	0	1	1	0	3	7	7	7	3	0	0	0	10	18	0	1	1	3	9	4	2	4	0
		15	1018.3	-	6.4	1.4	7.9	79	6.9	0	2	2	10	15	0	0	0	0	0	1	7	9	4	6	2	0	0	0	12	17	0	1	5	6	1	5	4	7	0
		21	1019.1	-	4.9	0.8	7.8	87	6.2	2	3	2	5	17	0	0	0	0	0	5	6	9	4	4	1	0	0	0	10	19	0	1	2	10	5	3	2	6	0
SOMERSET																																							
EXTON																																							
		3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
YEOVILTON	23	3	1018.4	-	4.4	0.7	7.6	88	6.6	1	2	3	3	19	1	0	0	1	1	4	5	16	2	0	0	0	0	9	12	8	1	3	5	1	3	2	3	3	
		9	1019.2	-	4.7	0.7	7.8	88	6.8	0	3	2	6	18	0	0	0	0	3	5	14	4	0	0	0	0	0	7	13	9	1	5	4	1	4	2	2	1	
		15	1018.7	-	6.9	1.3	8.3	81	7.2	0	0	4	4	21	0	0	0	0	0	4	7	12	4	2	0	0	0	12	13	3	2	4	5	2	4	3	4	2	
		21	1019.6	-	5.0	0.6	8.1	89	6.4	2	3	2	3	17	2	0	1	1	0	5	7	9	6	0	0	0	1	4	16	8	1	2	5	4	4	1	3	1	
DORSET																																							
HURN																																							
		3	1018.4	-	4.0	0.3	7.9	94	6.6	0	4	3	4	18	0	0	0	0	1	7	6	7	3	5	0	0	0	2	22	5	3	6	4	3	3	3	1	1	
		9	1019.2	-	4.5	0.5	8.0	92	7.0	0	3	1	9	16	0	0	0	0	2	4	9	6	5	3	0	0	0	3	23	3	3	4	5	2	3	3	5	1	
		15	1018.6	-	6.6	1.1	8.3	84	7.2	0	0	4	5	20	0	0	0	0	1	4	8	8	1	5	2	0	0	8	20	1	3	3	5	4	6	2	4	1	
		21	1019.5	-	5.0	0.4	8.3	93	6.7	2	2	1	6	17	1	0	0	1	0	3	8	9	5	3	0	0	0	5	22	2	3	6	4	2	3	4	4	1	
PORTLAND BILL.C.O.	54	3	1018.3	-	5.1	0.2	8.6	96	6.5	1	3	3	1	19	2	0	0	1	3	2	4	7	10	2	0	0	4	11	11	3	1	4	8	1	2	4	4	2	
		9	1019.1	-	5.2	0.3	8.7	96	7.1	0	2	2	4	21	0	0	1	1	7	5	6	5	3	0	0	0	3	14	11	1	2	4	8	1	4	1	7	1	
		15	1018.5	-	6.0	0.4	8.9	93	7.1	1	1	3	1	21	2	0	3	2	2	6	4	5	2	5	0	0	3	15	10	1	2	1	10	3	5	2	4	1	
		21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
DEVON																																							
EXETER																																							
		3	1018.1	-	4.7	0.6	8.0	90	6.6	1	3	2	4	18	1	0	0	1	0	1	3	12	7	3	2	0	0	6	16	7	0	3	6	3	4	0	2	4	
		9	1019.0	+ 3.1	5.0	0.6	8.1	89	6.7	0	4	2	6	16	1	0	0	1	0	2	5	9	5	6	1	0	0	6	22	1	2	7	3	4	4	2	6	0	
		15	1018.4	-	7.0	1.1	8.7	84	7.3	0	0	3	6	19	1	0	0	1	0	1	3	11	6	3	4	0	0	8	20	1	4	5	3	4	6	1	2	3	
		21	1019.3	-	5.3	0.5	8.4	91	6.0	2	3	4	1	19	0	0	0	0	2	2	13	4	8	0	0	0	0	4	19	6	3	3	4	4	3	1	2	3	
HARTLAND POINT																																							
		3	1017.5	-	5.3	0.8	8.0	87	6.2	1	3	3	6	15	1	0	1	0	1	1	0	5	11	9	1	0	3	16	9	1	1	2	8	3	6	2	6	0	
		9	1018.0	-	5.0	0.8	7.9	86	6.7	0	1	6	7	14	1	0	3	0	0	0	3	5	10	7	1	1	1	3	19	6	0	1	1	9	4	5	1	6	2
		15	1017.9	-	6.6	1.2	8.3	83	6.6	0	1	8	3	15	2	1	1	0	0	1	1	8	9	3	5	0	3	18	8	0	1	4	5	2	3	7	6	1	
		21	1018.5	-	5.6	0.8	8.1	86	6.1	2	2	5	3	15	2	1	1	0	0	1	5	12	7	2	0	5	14	10	0	2	1	7	5	6	1	6	1		
MOUNT BATTEN																																							
		3	1017.9	-	5.6	0.6	8.5	90	7.0	1	2	1	5	21	0	0	0	0	2	2	17	7	1	0	0	0	5	23	1	1	2	11	4	3	2	3	2		
		9	1018.7	+ 2.9	5.6	0.6	8.5	90	7.0	1	1	1	8	18	0	0	0	0	1	0	8	15	4	1	0	0	1	9	18	1	2	0	8	4	5	2	6	1	
		15	1018.2	-	7.3	1.1	8.8	83	6.6	1	2	3	7	16	0	0	2	0	0	0	6	12	3	5	1	0	1	12	16	0	1	1	8	2	3	8	3	3	
		21	1019.1	-	6.1	0.6	8.7	90	6.6	1	2	3	7	15	1	0	0	0	1	0	8	15	4	1	0	0	0	9	18	2	2	3	9	3	3	3	3	1	
PRAWLE POINT																																							
		3	-	-	-	-	-	-	-	6.8	1	1	5	120	1	0	1	0	1	1	3	8	13	2	0	2	4	15	7	1	1	3	7	3	4	2	5	3	
		9	-	-	-	-	-	-	-	7.2	0	4	5	18	2	0	3	0	1	4	0	10	3	0	2	4	11	11	1	3	2	5	4	4	1	8	1	1	
		15	-	-	-	-	-	-	-	6.7	0	3	5	1	18	2	2	0	2	2	2	10	6	3	0	4	3	14	8	0	0	2	7	4	4	1	10	1	
		21	-	-	-	-	-	-	-	6.0	1	5	3	15	2	0	2	0	2	0	2	9	10	3	0	3	0	9	10	1	4	2	9	1	3	2	7	0	
CORNWALL																																							
GWHENAP HEAD																																							
		3	1016.6	-	6.6	0.5	9.2	92	6.7	3	1	0	4	20	1	0	1	0	0	0	12	10	6	0	0	0	5	14	10	0	0	6	3	4	5	6	4	1	
		9	1017.4	-	6.7	0.6	9.0	90	7.0	0	2	3	4	17	3	0	1	1	1	0	3	11	5	6	1	0	5	14	8	2	1	4	7	1	2	8	3	1	
		15	1017.3	-	7.7	0.9	9.3	87	6.5	1	1	4	9	13	1	0	1	0	1	1	4	12	3	7	0	0	2	19	7	1	1	3	3	4	3	11	3	0	
		21	1017.8	-	7.0	0.7	9.2	90	6.0	3	2	4	4	15	1	0	0	0	1	0	2	10	7	8	1	0	5	15	8	1	2	4	4	4	3	7	4	0	
ST MARGAN																																							
		3	1017.6	-	5.3	0.6	8.3	90	7.5	1	0	1	2	23	2	0	1	0	2	0	6	10	4	6	0	0	1	12	15	1	0	3	7	5	5	2	4	2	
		9	1018.3	+ 2.8	5.2	0.6	8.3	91	6.7	0	4	1	8	15	1	0	1	1	1	3	2	13	3	5	0	0	0	11	18	0	1	2	9	5	5	2	3	0	
		15	1017.9	-	7.2	1.3	8.5	81	6.2	0	3	5	9	12	0	0	0	0	1	1	4	12	5	4	2	0	2	14	13	0	1	3	4	5	5	7	4	0	
		21	1018.8	-	5.7	0.5	8.6	91	6.5	0	3	3	8	15	0	0	0	1	1	2	4	14	1	5	1	0	1	11	16	1	1	3	4	9	4	3	4	0	
SCILLY																																							
		3	1017.5	-	7.3	0.7	9.4	89	6.6	2	2	3	1	21	0	0	0	0	0	1	7	14	4	3	0	1	12	13	3	0	3	3	2	5	5	6	2	1	
		9	1018.2	+ 3.0	7.3	0.7	9.3	88	6.7	0	1	6	6	14	2	0	1	1	0	0	3	4	12	5	3	0	2	7	17	3	1	0	4	5	3	5	5	3	
		15	1018.0	-	8.4	1.1	9.4	84	6.2	0	2	6	10	10	1	0	1	0	0	0	2	9	7	8	2	0	1	13	13	2	1	0	4	3	6	4	7		

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	14	15	0	0	0	0	0	0	0	0	4	19	6	0	0	CAMBRIDGE BOTANIC GARDENS	0	9	11	9	0	0	0	0	0	0	0	0	0	9	19	1	0	0
LERWICK (SCREEN)	0	12	17	0	0	0	0	0	0	0	0	4	23	2	0	0	EDOBASTON	0	8	14	5	0	0	0	0	0	0	0	0	0	12	12	5	0	0
STORNOWAY	0	8	18	3	0	0	0	0	0	0	0	5	15	9	0	0	KEW (PSYCHROMETER)	0	7	13	9	0	0	0	0	0	0	0	0	9	13	6	1	0	
CRAIBSTONE	0	11	12	6	0	0	0	0	0	0	0	5	22	2	0	0	KEW (NORTH-WALL SCREEN)	0	8	13	8	0	0	0	0	0	0	0	0	6	15	8	0	0	
ROTHERAY	0	9	16	4	0	0	0	0	0	0	0	1	22	6	0	0	HASTINGS	0	9	19	1	0	0	0	0	0	0	0	0	6	17	6	0	0	
ABBOTTSINCH	0	9	13	7	0	0	0	0	0	0	0	4	17	8	0	0	SOUTHAMPTON	0	8	12	9	0	0	0	0	0	0	0	0	5	13	11	0	0	
ESKDALEUIR (PSYCHROMETER)	0	16	13	0	0	0	0	0	0	1	10	14	4	0	0	0	STONTHURST	0	12	13	4	0	0	0	0	0	0	0	0	8	16	5	0	0	
ESKDALEUIR (SCREEN)	0	16	13	0	0	0	0	0	0	1	7	17	4	0	0	0	VALLEY	0	7	17	5	0	0	0	0	0	0	0	4	13	12	0	0		
DOUGLAS	0	8	18	3	0	0	0	0	0	0	0	0	22	7	0	0	RHOOSE	1	9	14	5	0	0	0	0	0	0	0	7	14	8	0	0		
BOULMER	0	10	12	7	0	0	0	0	0	0	0	4	20	5	0	0	FALMOUTH	0	5	14	10	0	0	0	0	0	0	0	4	14	11	0	0		
HULL	0	10	11	8	0	0	0	0	0	0	0	3	21	5	0	0	ALDERGROVE	0	7	17	5	0	0	0	0	0	0	0	3	19	7	0	0		
GORLESTON	0	12	12	5	0	0	0	0	0	0	0	4	23	2	0	0	ARMAGH	0	6	16	7	0	0	0	0	0	0	0	9	15	5	0	0		

FEBRUARY 1976

[illegible]

TABLE 6 SUMMARY OF AUTOGRAPHIC RECORDS OF WIND

FEBRUARY 1976

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		VEES FROM N			SPEED-KT	DAY	HOUR BEGINNING	VEES FROM N	SPEED-KT	DAY	TIME		
CONTINUATION OF DISTRICT 3 EAST ANGLIA																								
SUFFOLK	WYTON	45	10 10						0	2	12	225	345	114	0	8.8	350	29	13	08	270	46	13	0730
	HONINGTON	60	13 13						0	1	5	230	394	67	0	8.9	010	24	13	08	350	44	29	2012
BEDFORDSHIRE	WATTISHAM	105	17 10						0	2	11	212	390	83	0	8.7	010	27	13	09	010	41	13	1030
	BEDFORD	94	13 9						0	2	9	181	426	80	0	8.5	010	27	13	08	020	43	13	1306
HERTFORDSHIRE	CARDINGTON	70	41 41						0	6	23	312	296	65	0	10.6	020	30	13	08	010	51	13	0830
	GARSTON	94	15 10						0	0	0	50	465	181	0	5.5	010	21	13	11	340	41	13	0724
ESSEX	ROTHAMSTED	141	13 10						0	0	0	54	308	310	24	4.8	350	20	13	08	340	42	13	0754
	SHOEBURYNES	17	14 12						0	0	0	227	382	87	0	8.5	200	21	12	14	360	35	13	1742
	STANSTED	108	10 10						0	1	6	155	432	103	0	7.7	350	25	13	09	340	42	13	0742
4 MIDLAND COUNTIES																								
SOUTH YORKSHIRE	FINNINGLEY	19	10 10						0	1	3	157	377	159	0	7.6	350	23	13	05	260	51	29	1754
	SHEFFIELD																							
NOTTINGHAMSHIRE	UNIVERSITY	146	29 15						0	1	4	168	342	182	0	7.4	360	26	13	05	260	54	29	1736
	WATNALL	130	13 10						0	1	3	266	342	85	0	9.2	360	24	13	06	360	49	13	0642
STAFFORDSHIRE	KEELE	215	15 10						0	0	0	80	382	234	0	5.6	300	21	13	02	300	46	29	1712
LEICESTERSHIRE	COTTESMORE	143	13 13																					
SALOP	SHAWBURY	84	12 10						0	1	4	165	366	161	0	7.5	340	25	13	05	310	38	29	1724
WEST MIDLANDS	BIRMINGHAM																							
	EDGBASTON	196	36 22						0	1	2	94	381	219	0	6.3	360	22	13	07	290	41	29	1806
HEREFORD & WORCS	ELMDON AIRPORT	104	10 10						0	2	6	184	348	158	0	7.8	290	23	11	13	300	45	29	1830
	PERSHORE	47	10 10						0	2	4	196	356	140	0	8.1	260	23	11	03	260	43	11	0330
GLOUCESTERSHIRE	FAIRFORD	88	10 10						0	0	0	242	304	134	16	8.4	360	21	13	09	360	37	13	0836
	LITTLE RISSINGTON	237	12 12						0	2	9	355	260	71	1	10.6	060	23	5	13	010	38	13	0848
OXFORDSHIRE	BENSON	67	10 10						0	0	0	148	400	148	0	7.2	360	21	13	08	360	36	13	1000
	BRIZE NORTON	91	13 10						0	1	4	198	356	138	0	8.0	010	24	13	08	010	40	13	0836
5 ENGLAND SOUTHEAST & CENTRAL SOUTHERN																								
GREATER LONDON	HAMPTON	42	31 30						0	2	2	139	287	267	1	6.0	010	23	13	09	010	47	13	0942
	HEATHROW AIRPORT	34	10 10						0	1	7	159	445	85	0	8.0	020	24	13	10	030	38	13	0954
	KEN	28	23 15						0	1	2	160	384	150	0	7.4	020	23	13	11	010	46	13	0954
	LONDON WEATHER CENTRE	93	70 38						0	2	12	286	356	42	0	10.2	010	28	13	10	010	48	13	0948
WILTSHIRE	POST OFFICE TOWER	174							0	7	75	327	256	38	0	12.6	360	33	13	09	360	50	13	0918
	BOSCOMBE DOWN	130	17 17						0	1	3	245	364	84	0	9.2	290	23	11	11	290	37	11	0342
	LARKHILL	145	13 10						0	1	7	240	335	114	0	8.9	360	29	13	10	260	48	11	0330
	PORTON	120	10 10						0	1	1	239	369	87	0	9.0	220	22	12	12	290	38	11	0342
KENT	DUNGENESS	16	10 10						0	3	22	388	255	31	0	11.7	210	31	12	15	010	44	13	1548
	ISLE OF GRAIN	15	12 10						0	1	1	207	316	172	0	7.6	210	22	12	14	270	34	29	2142
	MANSTON	62	18 18						0	2	18	272	361	45	0	10.2	360	26	13	16	360	40	13	1636
	FARNBOROUGH	75	10 10						0	0	0	88	433	175	0	6.4	350	19	13	08	360	35	13	1200
HAMPSHIRE	MIDDLE WALLOP	94	10 10						0	0	0	180	363	128	25	8.0	010	21	13	13	020	43	13	1342
	GATWICK AIRPORT	69	10 10						0	0	0	192	400	104	0	8.0	360	20	13	11	360	40	13	1154
WEST SUSSEX	THORNEY ISLAND	16	10 10						0	2	3	181	395	117	0	8.0	350	25	13	10	350	41	13	1024
7A ENGLAND NORTHWEST AND ISLE OF MAN																								
CUMBRIA	CARLISLE	41	13 9						0	1	2	292	308	94	0	9.2	240	22	9	19	030	44	13	0200
	GREAT DUN FELL	857	10 10	1-5 9 10 12 13 22-26 29					168	26	293	160	66	0	9	25.8	240	55	9	20	240	70	9	2006
	MOOR HOUSE	595	13 12	9 13 25					8	14	161	272	219	29	7	14.9	220	37	9	17	250	53	25	1754
	SELLAFIELD	25	12 11						0	0	0	182	380	134	0	7.8	010	20	13	02	360	35	13	0118
LANCASHIRE	FLEETWOOD	34	15 9						0	5	28	281	337	49	1	10.3	32	11	03		45	13	0354	
	SQUIRES GATE AIRPORT	22	12 11						0	1	6	305	361	24	0	10.3	270	24	11	02	260	42	11	0118
MERSEYSIDE	AIGBURTH	38	23 11						0	5	19	222	356	75	24	9.3	240	28	29	16	270	43	29	1630
	SPEKE AIRPORT	30	10 10						0	4	9	225	375	87	0	8.8	250	27	29	16	270	53	29	1630
GREATER MANCHESTER	MANCHESTER																							
	RINGWAY AIRPORT	80	10 10						0	1	1	288	330	77	0	9.5	270	22	29	17	260	50	29	1700
ISLE OF MAN	WEATHER CENTRE	82	45 17						0	0	0	212	405	79	0	8.5	230	21	29	16	250	45	29	1654
	POINT OF AYRE	20	10 10						0	10	47	407	214	17	11	13.3	260	29	11	01	260	42	11	0112
	RONALDSWAY	25	10 10						0	14	102	415	144	35	0	14.6	190	29	23	02	320	46	12	2312
7B WALES NORTH																								
GWYNEDD	VALLEY	26	16 12						0	14	99	336	223	38	0	13.6	270	31	11	01	280	57	29	1506
8A WALES SOUTH																								
DYFED	ABERPORTH	144	10 10						0	11	59	401	215	21	0	13.5	270	31	11	06	290	48	11	0142
	BRAWDY	121	10 10						0	3	14	333	330	19	0	11.1	360	26	13	06	360	43	13	0630
	MILFORD HAVEN	47	10 10						0	3	7	336	328	25	0	10.9	230	27	12	08	230	42	12	0818
	PORT TALBOT	28	12 11						0	2	2	234	327	133	0	8.4	250	23	10	23	250	46	10	2354
WEST GLAMORGAN	CILFYNYDD	210	16 16						0	1	5	192	337	160	2	8.0	240	26	12	10	240	42	12	1036
SOUTH GLAMORGAN	RHOOSE AIRPORT	74	10 10						0	2	5	260	362	69	0	9.4	240	24	12	12	260	39	11	0012
8B ENGLAND SOUTHWEST																								
AVON	AVONMOUTH	28	19 10						0	1	2	198	363	131	2	8.4	230	24	12	13	230	42	12	1318
	DORSET	23	13 11						0	1	1	171	373	151	0	7.7	300	22	11	13	300	38	11	0406
	PORTLAND BILL CO	60	13 13						0	7	47	320	221	53	55	12.2	250	30	12	13	290	40	11	0108
	MOUNT BATTEN	64	13 13						0	1	12	249	352	83	0	9.2	250	26	12	09	280	55	11	0318
</																								

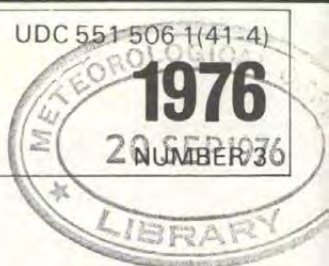
TABLE 3 ADDITIONS AND CORRECTIONS

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	AMOUNT (MM)	DATE	PRECIPITATION 0.2 MM OR MORE 1.0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	SEA SURFACE TEMPERATURE DEG C	CONCRETE SURFACE TEMPERATURE DEG C	GALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE			
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE																							
1975	AUGUST	KILNSEA	26.1	12.8	19.5		33.4	8	6.7	26			9	15	5	19	8	1	0	0	0	0	3	0	0	0							
		COSTESSEY											51	69	2	21	8	1	0	0	0	0	0	0	0	0							
		SHEFFIELD											44	59																			
		MORLEY																															
		MANSFIELD										19.7																					
		NEWTORPE												44				10															
		NOTTINGHAM	25.0	14.7	19.9	+3.8	33.0	8	7.5	23	19.8	18.1	33	47	10	14,30	10	6	0	0	0	0	0	0	0	0	0			7.06	150		
		RUGBY															19	8															
		PRESTON																															
		BROMLEY											18	27	6	14	8	6															
		GILLINGHAM																															
		HADLOW COLLEGE			12.4	18.6																											
		SANDOWN																15															
		BOGNOR REGIS	21.8			18.5	+2.0							71	75	24	9	11	10														
		SELLAFIELD																															
		POINT OF AYRE	19.9			16.3	+1.2																										
		BARDSEY ISLAND												76	101			13	9														
		HAWARDEN BRIDGE												45	68	(12)	14	11	8														
		LLETY-EVAN-HEN												69	51			13	12														
		NEWPORT (GWENT)															4																
		USK												88	102			8	7														
		FALMOUTH																15	14														
		SCILLY (ST MARYS)												87	122	18	9																
		KILLLOUGH																															
	SEPTEMBER	FAIR ISLE	11.9	8.5	10.2		15.8	2	3.6	7			117		23	16	23	17	0	0	3	0	0	0	1	0	1				4		
		ISLE OF RHUM											325	119			23	19															
		BLACKBURN (SEWAGE WORKS)																15															
		ROSLIN											162				17																
		GLENTRESS																															
		MARCHMONT																															
		ACHAGLACHGACH																															
		AROS																															
		COATBRIDGE	14.9	7.4	11.1		20.0	1,2	-0.5	28			211					25	23														
		HELENSBURGH	13.9	7.5	10.7	-1.5	19.4	1	0.4	28			107	121	25	17	20	16															
		COSTESSEY	19.4	9.9	14.7		24.3	1	3.7	16			187	134	35	24	26	22															
		LUTON		9.8	13.9								89		16	13	18	13		0	0	0	0	2	0	0	0	1					
		STANSTEAD ABBOTTS	(19.2)	(9.8)	(14.5)								114	197	(25)	13	15	13															
		NOTTINGHAM	18.2	9.5	13.9	-0.2	23.0	1	3.0	16	14.7	16.1	55	111	10	10	15	11	0	0	0	0	0	0	0	0	0			4.22	108		
		WARSOP	18.0	6.6	12.3		22.9	1	-3.2	16			34	68	13	25	13	6	0	0	0	0	0	0	0	0	1	7			4.47		
		PENKIRIDGE											64	105																			
		STONE		7.3	12.3																												
		SHREWSBURY	17.7	8.6	13.1	-0.6	22.4	2	-1.4	16	14.9	16.5	36	62	6	30	14	12	0	0	0	0	0	0	1	1	2				4.91	125	
		BIRMINGHAM KES																															
		STRATFORD-UPON-AVON																															
		WELLESBOURNE																															
		BUGBROOKE MILLS																															
		LETCOMBE REGIS	18.1																														
		WALLINGFORD	19.0			13.9																											
		AYLESBURY																															
		MEDMENHAM																															
		BROMLEY																															
		KEW (PSYCHROMETER)		9.3	14.1																												
SOUTHGATE	19.0			14.6	-0.2																												
LACOCK																																	
HADLOW COLLEGE		8.6																															
LECKFORD		8.8																															
LONG SUTTON																																	
MARTYR WORTHY																																	
SANDOWN		11.3	14.9	-0.6				6.8	13																								
BOGNOR REGIS	17.9	11.3	14.6	-0.3																													
NORTH HEATH	18.9	8.6	13.7																														
ROGATE	18.5		13.9		22.6	7																											
PLUMPTON		10.6																															
CARTMEL		7.8	11.8																														
GRIZEDALE																																	
SOUTHPORT		9.7	13.1	-0.6					15																								
WEST KIRBY PARK		9.9	13.7	-0.6																													
BOLTON		8.3	12.1																														
POINT OF AYRE		10.2	13.3	-0.6				3.5	28																								
LLYN ALAW		9.3	12.6																														
HAWARDEN BRIDGE		9.4	13.6	-0.5																													
RUTHIN																																	

MONTHLY WEATHER REPORT

MARCH

VOLUME 93

197620 SEP 1976
NUMBER 36

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

Cool: dry in eastern England.

An anticyclone centred over south-west England at the beginning of the month drifted north-eastwards to Scandinavia during the first week. Airflow over the British Isles was then mostly between east and south, but became southerly to south-westerly as fronts began to edge into western districts on the 9th. A deepening depression reached south-west England on the 12th and moved south-eastwards into France, leaving a slack gradient over the United Kingdom. High pressure to the north-east then became a dominant feature again and maintained an east or south-east airstream over much of the country until the 23rd, slow-moving fronts mainly affecting the west and north. From the 24th until the 31st, however, the airflow was mainly westerly and fronts crossed all areas.

Weather

The first week of the month was mainly dry with night frosts, but there were some mild, sunny days. Much colder weather reached all areas from the 6th and snow and sleet fell in the north and east. Many districts had rain between the 9th and 14th and there were gales on the 12th. After a temporary return to near normal temperatures, it remained generally cold until the 24th, with rain or drizzle and hill fog. Milder weather then reached most districts and although rain fell at times and there were wintry showers and gales in the north, sunny periods also occurred and the south-east became warm.

Wind

Winds were frequently fresh or strong on northern and western coasts and blew predominantly from between east and south until the 23rd. Gales, which affected much of England, Wales and eastern Scotland on the 12th, veered south-west to west over Devon, Cornwall and the Channel Islands. There were many distress calls from shipping in the western approaches to the English Channel and lives were lost. From the 24th directions were mainly westerly and gales, which were sometimes severe, became more frequent in the north towards the end of the month: a gust of 94 kt was recorded at Cairngorm (Highland Region) (1075 m) on the 28th.

Temperature

Monthly mean temperatures were below normal in all areas, but were nearest to the average in northern Scotland. They ranged from 1.0 to around 1.5 degC below average in parts of southern Scotland, north-west England, Wales, the west Midlands and southern England, and were generally between 0.5 and 1.0 degC below normal in remaining districts. Although there were some cold nights at the beginning of the month, the days were often mild. It became much colder by the 6th, however, and a number of places in the north of Scotland and in most western districts had their lowest temperatures for the month on the night of the 8th/9th, when Alwen (Clwyd) recorded -10.5 °C. A temporary return to milder conditions occurred in the second week, but it remained rather cold generally, particularly in eastern districts, until the 24th. Many areas had a cold night on the 23rd/24th, but it soon became warmer. The highest temperatures of the

month occurred mainly during the last week and it was very warm in parts of south-east England on the 28th, when the temperature reached 17.1 °C at Gillingham (Kent).

Rainfall (including melted snow)

Rainfall was above average almost everywhere in Scotland and Northern Ireland, in extreme northern England, north-west and south-west England and in parts of the West Midlands and South Wales. Monthly totals in these areas were generally between 100 and 150 per cent of average, but parts of west Cornwall and eastern Scotland had about twice their normal rainfall and on the south-eastern slopes of the Grampians rainfall exceeded 250 per cent of the average. Remaining districts of England and Wales had less rain than is usual in March and in most of the eastern half of England rainfall was below 50 per cent of the normal, the dry areas contrasting sharply with the rest of Great Britain. A number of places round the Thames Estuary had less than a quarter of their normal rainfall. The month was mainly dry at first, but many areas had rain at times from the 9th until the end of the month. Amounts were often small in eastern England, but heavy rain fell in the west and in Scotland and Northern Ireland: in the 24 hours from 09 GMT on the 20th Spelga Dam (County Down) recorded 125.0 mm and in a similar period on the 21st/22nd, 81.7 mm were measured at Bugle, near St Austell in Cornwall.

Snow

Except during the first week, snow or sleet showers occurred fairly frequently in Scotland. Avalanches were reported in the Cairngorms on the 12th and seven injured climbers were taken to hospital. In England snow or sleet, which fell mainly in northern, central and eastern districts between the 7th and 9th, continued intermittently in the north until about the 17th. Snowfall was much more general on the 21st and 22nd, blocking roads and mountain passes in Scotland, Cumbria and North Wales and affecting roads in south-west England.

Measurements in undrifting snow on high ground during this period ranged from 10 to 21 cm in Scotland and from 10 to 16 cm in northern England, Wales and south-west England. A heavy fall of snow was reported in Shetland on the 31st. Snow lay throughout the month on the slopes of the higher mountains in the north and on high ground elsewhere at times.

Sunshine

Monthly sunshine totals were between 100 and 125 per cent of average in parts of northern Scotland, northern England, the north Midlands and East Anglia and in most of south-eastern and central southern England. Elsewhere monthly totals were mostly a little below average, but Northern Ireland and parts of south-west England had only about 75 per cent of their usual March sunshine and some places in western and southern Scotland were very dull: Eskdalemuir (Dumfries and Galloway) with 57.4 hours of sunshine had its dullest March since 1936. Although monthly sunshine totals were not exceptional, many places had long, sunny periods during the first week and there were some sunny days in the second half of the month.

Fog

Overnight fog, sometimes dense locally, occurred in England between the 2nd and the 5th and freezing fog was reported from Derbyshire on the 4th. Fog also developed in parts of England between the 12th and the 20th. Much of this was hill fog, which was persistent in some districts around mid month and on the 19th, when South Wales was also affected. Hill fog was observed fairly frequently in Scotland during the month. Coastal fog was reported from time to time and, as with the hill fog, was often accompanied by precipitation.

Miscellaneous Phenomena

The aurora was observed in Scotland on one night.

Table 1 District values

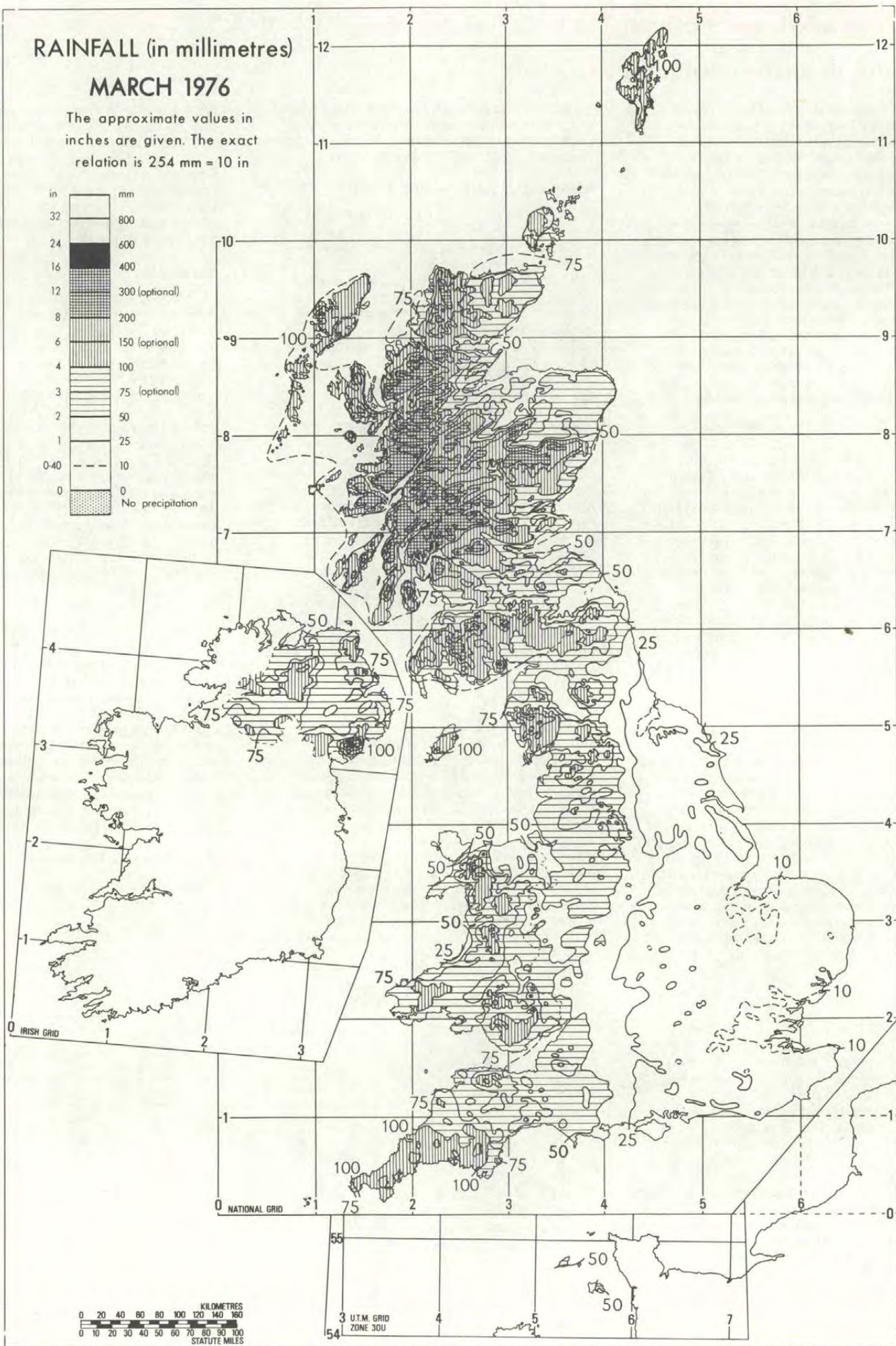
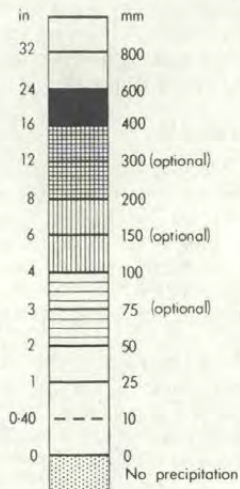
District	air temperature °C					mean 30-cm earth temp °C	rain- days	rainfall	sun- shine
	Highest	Lowest	max.	min.	mean				
	Max. *	Min. *	difference from average						
0 Scotland N	13.2	-5.0	-0.6	-0.2	-0.3	+0.3	+1	130	95
1 Scotland E	12.9	-6.6	-1.0	+0.1	-0.6	+0.7	+2	161	92
2 England E & NE	16.0	-4.7	-1.2	-0.1	-0.7	+0.3	0	65	100
3 East Anglia	16.4	-4.3	-0.1	-1.2	-0.7	+0.1	-4	34	100
4 Midland Counties	14.9	-6.3	-1.1	-0.6	-0.9	-0.1	-2	75	96
5 England SE & Central S	15.5	-6.5	-1.0	-0.6	-0.8	-0.1	-3	47	108
6 Scotland W	13.0	-6.6	-1.0	-0.2	-0.6	+0.3	+1	154	82
7 England NW & Wales N	14.7	-6.8	-1.3	-0.7	-1.0	-0.1	-1	99	89
8 England SW & Wales S	14.6	-5.5	-1.1	-0.8	-0.9	+0.2	-2	107	88
N Ireland	14.0	-5.5	-0.8	-0.2	-0.5	+0.5	0	122	77
Scotland	13.2	-6.6	-0.9	-0.1	-0.5	+0.4	+1	148	90
England & Wales	16.4	-6.8	-1.0	-0.7	-0.8	+0.1	-2	71	97

*Highest maximum and lowest minimum of District Value Stations.

RAINFALL (in millimetres)

MARCH 1976

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



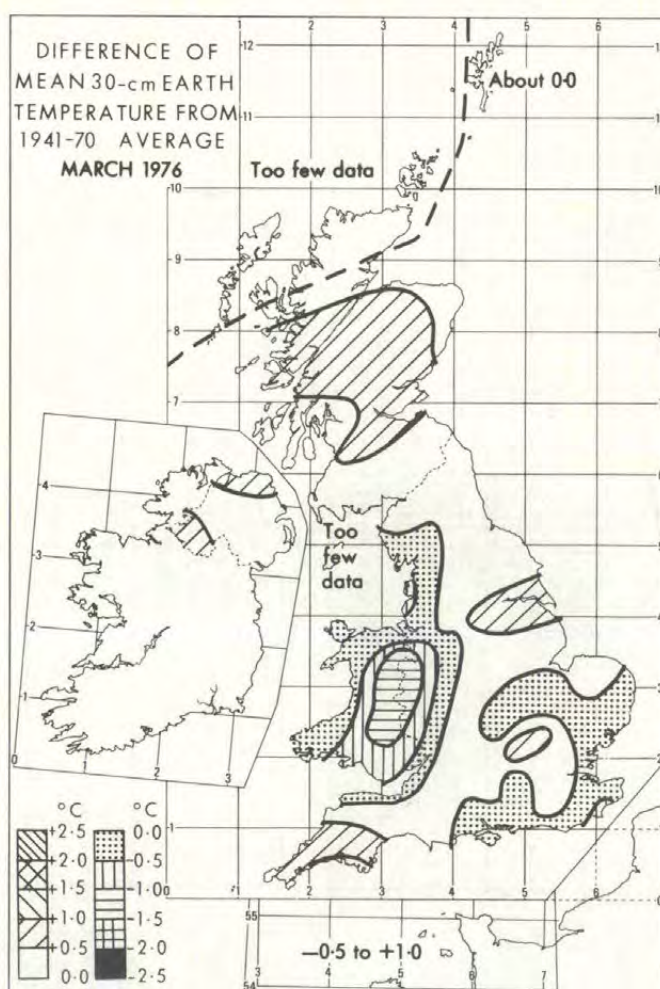
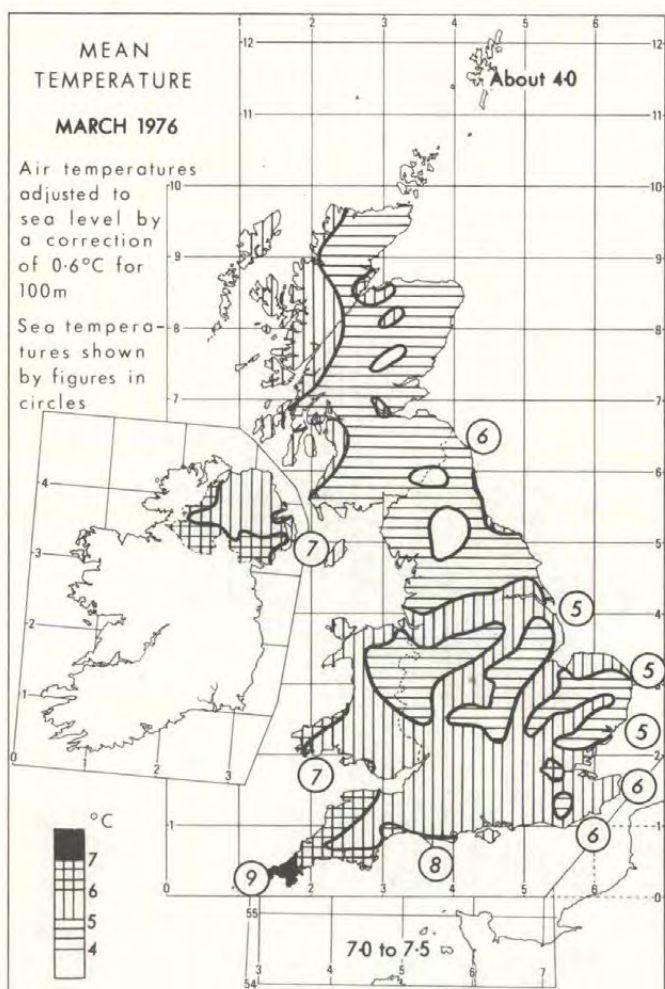
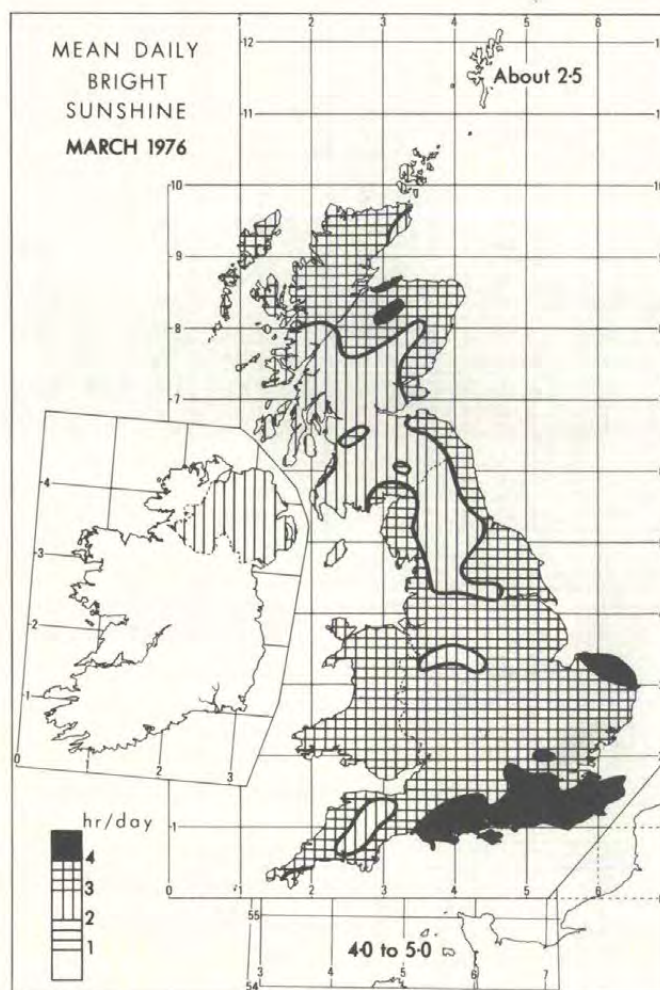
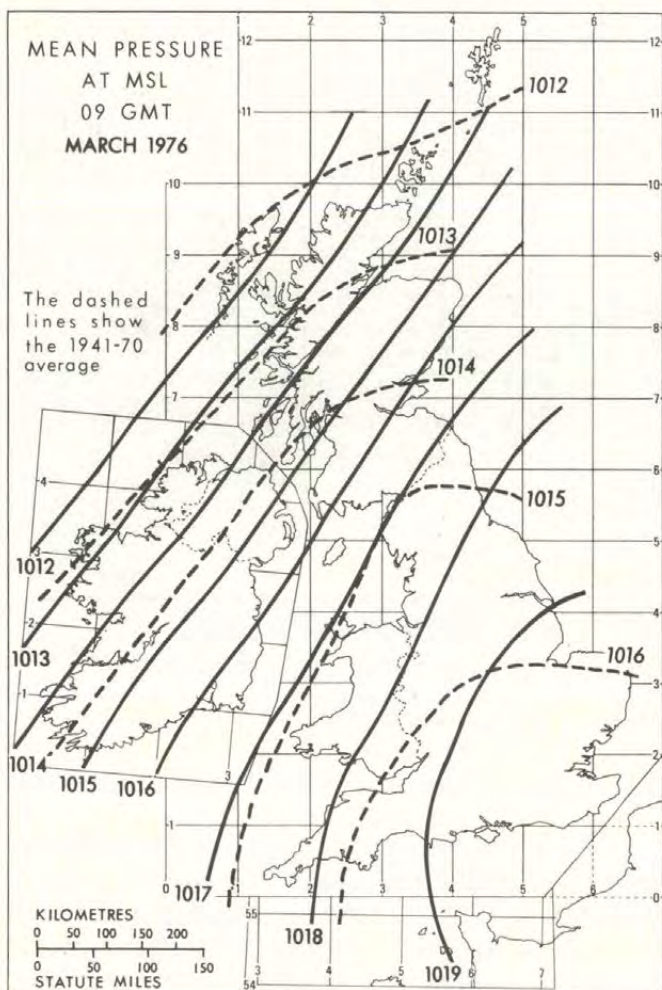


TABLE 2 SOLAR RADIATION AND ILLUMINATION

MARCH 1976

STATION	TOTAL RADIATION ON A HORIZONTAL SURFACE (MILLIWATT-HOURS PER SQUARE CENTIMETRE)						DIFFUSE RADIATION ON A HORIZONTAL SURFACE (MILLIWATT-HOURS PER SQUARE CENTIMETRE)						TOTAL ILLUMINATION ON A HORIZONTAL SURFACE (KILOLUX-HOURS)					
	MAX.	DATE	MIN.	DATE	DAILY MEAN	NO. OF DAYS	MAX.	DATE	MIN.	DATE	DAILY MEAN	NO. OF DAYS	MAX.	DATE	MIN.	DATE	DAILY MEAN	NO. OF DAYS
LERWICK	316	26	22	11	157.3	31	168	20	22	11	103.3	31	301	26	33	11	191.8	31
ESKDALEUIR	418	23	17	10	171.2	31	242	22	17	10	118.7	31	465	23	26	10	198.7	31
CARDINGTON	457	28	39	17	234.9	31	248	22	37	17	150.3	31						
ABERPORTH	490	26	57	21	260.6	29	229	30	57	21	154.5	29						
LONDON WEATHER CENTRE	505	28	18	16	235.8	31	227	22	17	16	138.8	31	614	28	25	16	282.9	31
KEW	491	28	54	17	239.9	31	232	22	54	17	146.7	31	588	28	79	17	285.3	31
BRACKNELL	508	28	61	15	260.6	31	229	19	59	15	155.4	31	598	28	79	15	300.7	31
ALDERGROVE	465	17	37	11	191.8	31	201	23	35	11	125.2	31	509	17	47	11	223.3	31
JERSEY	549	28	77	22	298.8	31	243	29	75	22	161.9	31	664	28	115	22	366.8	31

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

MARCH 1976

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	WIND CHILL DEGREES C	WIND CHILL DEGREES F	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE	
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE					AMOUNT (MM)	DATE																
0 SCOTLAND N																																
SHEPHERD	9 9	24	5.8	1.5	3.7	-0.5	8.7	3	-1.0	9	4.1	-	126	140	36	31	21	17	9	1	0	2	0	0	6	-	10	2.71	105	-	-	
BALASOUND	21 9	82	5.1	1.8	3.5	-	8.4	27	-1.5	2	-	-	105	-	29	31	21	15	14	1	2	10	1	0	5	16	10	2.64	95	-	-	
LERWICK			5.3	1.2	3.3	-0.5	8.5	27	-2.1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PSYCHROMETER																																
SCREEN																																
ORKNEY																																
KIRKWALL AIRPORT	21-9	26	6.3	2.2	4.3	-0.4	11.0	28	-0.7	30	-	-	93	126	15	20	21	14	10	0	7	2	0	0	2	11	8	7	2.78	87	-	-
WESTERN ISLES																																
BENBECULA	21-9	6	7.8	3.4	5.6	-0.3	10.0	2.27	-2.6	18	-	-	96	-	17	20	21	18	5	0	1	4	0	0	2	6	8	3	2.96	81	-	-
SCALPAY	9 9	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
STORNOWAY	21-9	3	7.7	3.2	5.5	-0.1	10.2	5	-2.3	9	-	-	102	-	17	20	20	18	5	0	0	7	0	0	6	10	8	3	3.56	102	-	-
HIGHLAND																																
ACHNASHELLACH	9 9	67	8.4	0.9	4.7	-0.3	13.2	3	-5.0	9	-	-	197	123	33	26	21	16	3	1	0	1	1	0	9	-	-	0	-	-	-	
BALMACARRA	9 9	4	8.9	3.1	6.0	-	13.3	5	-2.4	9	-	-	123	115	17	28	19	17	0	0	0	1	0	0	4	-	-	0	-	-	-	
CAPE WRATH	21-9	112	6.8	2.5	4.7	-0.4	12.8	5	-1.2	30	-	-	96	124	18	28	19	14	6	0	5	3	0	0	3	4	4	6	3.66	-	-	
CORPACH	9 9	8	8.5	2.1	5.3	-	13.0	5	-4.1	9	-	-	195	-	26	28	20	17	0	0	0	0	0	1	5	-	-	0	-	-	-	
CRAIGGARROCH	9 9	38	8.6	0.5	4.5	-	12.4	28	-6.6	9	-	-	82	-	13	30	18	13	6	0	2	0	0	0	12	16	-	-	-	-	-	
DALWHINNIE	9 9	351	4.9	-0.8	2.1	-	9.0	28	-6.5	18	-	-	141	-	39	20	19	16	14	1	0	0	0	17	22	25	-	1	3.64	-	-	
DOUNREAY	9 9	21	7.4	1.6	4.5	-	12.1	28	-2.0	19	-	-	104	168	123	1	22	19	2	0	0	0	0	3	3	9	-	2	3.72	-	-	
FORTROSE	9 9	5	7.5	2.8	5.1	-0.2	11.0	5	-0.6	7	-	-	49	132	9	30	14	11	0	0	0	0	0	0	3	-	-	0	3.70	110	-	
GLENMORE LODGE	9 9	341	6.6	-0.6	3.0	-	10.6	10	-6.8	19	-	-	58	86	11	20	18	13	11	4	0	0	0	0	20	26	23	1	4.09	-	-	
GRANTOWN-ON-SPEY	9 9	229	6.8	-0.8	3.0	-	10.9	5.28	-6.4	9	-	-	39	-	12	30	16	8	9	1	0	1	0	0	18	28	-	0	3.75	-	-	
HEARST	9 9	109	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ISLE OF RHUM	9 9	5	8.0	2.8	5.4	-	11.5	2	-2.6	9	5.8	6.5	246	154	33	20	20	17	4	0	0	7	1	0	4	17	-	3	3.25	-	-	
KEISS	9 9	30	6.6	2.0	4.3	-	12.4	28	-1.5	9.18	4.2	4.9	65	-	8	29	20	17	7	1	1	4	0	0	6	9	-	3	3.15	-	-	
KINLOCHWE	9 9	23	8.8	1.3	5.1	-	13.4	5	-4.4	18	4.7	-	220	148	51	27	21	16	-	-	-	-	-	-	-	-	-	-	-	-	-	
KNOCKANROCK	9 9	244	6.3	0.5	3.4	-	11.1	3	-3.2	8	-	-	171	114	34	27	24	22	4	5	0	1	0	2	12	27	-	2	-	-	-	
LAGGANLIA	9 9	250	6.7	-0.8	2.9	-	10.3	2.28	-9.6	19	-	-	55	-	13	26	13	10	12	1	0	0	0	0	15	24	-	-	-	-	-	
LAIRG	9 9	91	7.1	0.2	3.7	-	10.9	28	-5.7	9.18	3.9	4.8	117	-	15	31	22	17	11	1	3	0	0	2	14	19	-	0	-	-	-	
LENTAN	9 9	146	7.3	0.6	3.9	-	11.7	28	-4.9	9.19	-	-	52	-	11	26	13	11	4	2	0	1	0	1	9	25	-	4	-	-	-	
LOCH OICH	9 9	37	8.1	1.7	4.9	-	11.4	3	-5.5	9	-	-	200	-	42	20	18	13	4	0	0	6	0	0	7	16	-	2	2.53	-	-	
NAIRN	9 9	6	8.3	1.2	4.7	-0.5	12.0	28	-4.9	9	-	-	41	125	9	30	16	10	4	0	3	0	0	0	8	17	-	3	4.48	124	-	
ONICH	9 9	15	8.0	2.0	5.0	-0.5	13.0	5	-5.0	9	-	-	194	137	135	20	18	18	-	0	-	-	-	-	4	14	-	-	2.71	91	-	
POOLEWE	9 9	6	8.8	2.9	5.9	-	13.3	5	-1.5	9	-	-	99	-	15	30	19	16	2	0	1	5	0	0	3	9	-	2	3.64	-	-	
PRABOST	9 9	67	7.8	2.3	5.1	-	11.3	5	-2.0	9	-	-	117	94	17	28	19	16	4	1	1	4	0	0	5	19	-	3	3.20	-	-	
RUBH RE	21-9	16	8.0	3.0	5.5	-	10.7	20	0.0	9	-	-	81	-	11	24	20	16	0	0	0	0	0	0	0	2	3	3	-	-	-	-
STRATHCONON	9 9	107	8.1	0.4	4.3	-	12.0	10	-7.1	9	-	-	139	-	25	26	20	12	5	3	0	0	0	-	13	20	-	1	-	-	-	
STRATHY	9 9	37	7.4	0.8	4.1	-0.4	12.2	28	-4.4	9	-	-	106	151	11	11	22	20	5	0	0	2	1	0	9	-	-	1	3.64	113	-	
TARBATNESS	21-9	18	7.4	3.1	5.3	+0.2	12.8	28	-2.5	9	-	-	51	-	7	9	16	14	2	0	0	0	0	0	-	-	-	0	-	-	-	
TOMATIN	9 9	311	6.0	-0.3	2.9	-	10.8	2	-6.8	19	-	-	70	-	18	29	16	11	12	-	0	0	0	0	19	-	-	0	-	-	-	
WICK	21-9	36	6.5	2.2	4.3	-0.4	12.6	28	-2.3	18	-	-	75	142	14	1	23	16	9	1	1	4	0	0	3	11	9	2	2.91	83	-	

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

45
MARCH 1976

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	REL. HUM. 0700 C	REL. HUM. 0000 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	6.7	1.5	4.1	-0.4	14.1	28	-3.5	9	-	-	61	122	15	21	15	12	15	0	1	12	0	0	0	0	13	0	3.14	92	-	-	
MANNOFIELD	9-9	16	6.4	1.8	4.1	-0.4	13.0	28	-1.6	9	-	-	64	130	30	21	14	10	6	0	0	0	0	0	0	3	11	2	3.34	-	-	-	
BALMORAL	9-9	283	5.4	-0.1	2.7	-0.2	10.6	28	-3.1	8	-	-	67	136	20	20	17	16	15	4	0	0	0	0	0	16	25	1	3.43	-	-	-	
BANCHORY	8-8	77	6.8	1.1	3.9	-	13.3	27	-3.0	9	-	-	96	21	21	21	17	13	14	2	0	0	0	0	0	7	15	11	2	3.43	-	-	
BANFF	9-9	24	6.7	2.0	4.3	-	13.6	28	-1.4	9	-	-	40	90	7	30	14	11	11	0	0	2	0	0	0	4	21	2	3.28	99	-	-	
BREMAR	9-9	339	5.2	-0.4	2.4	-0.3	9.3	2.5	-4.4	18	-	-	50	111	13	21	17	17	17	0	0	0	0	0	0	21	27	1	2.94	97	-	-	
CRAIBSTONE	9-9	91	6.1	1.2	3.7	-0.7	12.9	28	-2.2	9	3.9	4.5	64	126	16	21	16	11	10	1	0	0	0	2	4	17	1	3.41	-	-	-		
CULTERTY	9-9	3	6.8	1.9	4.3	-	14.3	28	-5.1	9	-	-	51	125	13	21	16	11	11	0	0	0	0	0	0	4	12	2	3.69	-	-	-	
ELGIN	9-9	15	7.8	1.6	4.7	-	12.5	4.28	-4.3	9	-	-	125	13	21	21	16	11	11	0	0	0	0	0	0	4	12	2	3.41	-	-	-	
FORRES	9-9	50	8.1	1.6	4.9	-0.2	12.3	5	-3.5	8	4.4	4.9	51	-	10	30	17	11	4	1	1	2	0	0	0	7	20	2	3.69	-	-	-	
FRASERBURGH	21-9	19	6.6	2.1	4.3	-	14.4	28	-1.0	9	-	-	49	117	10	24	13	9	4	0	0	0	0	0	0	2	12	10	1	3.31	-	-	
FYVIE CASTLE	9-9	55	6.8	0.7	3.7	-	14.5	28	-5.0	9	-	-	66	118	17	12	17	13	6	0	0	0	0	0	0	11	15	1	3.31	-	-	-	
GARTLY	9-9	146	6.2	0.4	3.3	-	13.2	28	-4.0	8.19	-	-	63	-	18	12	19	13	-	-	-	-	-	-	12	22	22	1	4.04	-	-	-	
GLENLIVET	21-9	215	6.8	0.4	3.6	-	12.1	2	-4.9	8	-	-	47	89	11	30	19	11	18	1	1	0	0	0	0	12	23	22	1	4.04	-	-	-
INVERURIE	9-9	54	6.7	0.9	3.8	-	13.3	28	-5.2	9	-	-	66	133	18	12	18	14	12	1	0	1	0	0	0	11	17	1	3.46	-	-	-	
KEITH	9-9	106	6.8	0.5	3.7	-	12.5	28	-4.9	8	-	-	56	-	13	30	17	14	8	-	0	0	0	0	0	12	21	3	3.65	-	-	-	
KINLOSS	21-9	5	8.1	1.7	4.9	-0.2	12.7	28	-4.8	9	5.1	-	39	115	8	30	16	10	13	0	0	3	0	0	0	5	17	15	2	4.08	-	-	-
LOSSIEMOUTH	21-9	6	8.0	1.3	4.7	-	13.2	28	-5.4	8	-	-	45	127	7	11	16	11	11	0	1	1	0	0	0	8	16	16	3	-	-	-	-
STONEHAVEN	9-9	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TAYSIDE																																	
ARBROATH	9-9	28	6.5	2.5	4.5	-	11.5	28	-1.0	8	-	-	61	158	19	20	15	12	0	0	0	0	0	0	0	2	7	0	3.31	89	-	-	
ARDTALNAIG	9-9	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ASHINTULLY CASTLE	9-9	341	4.4	-0.9	1.7	-	9.2	28	-5.6	24	-	-	130	-	18	12	19	16	15	17	0	0	0	0	8	24	21	0	-	-	-	-	
BLAIRGOMRIE	9-9	70	7.0	1.2	4.1	-	12.3	27	-1.5	24	4.1	-	90	188	16	21	18	14	-	-	-	-	-	-	-	8	18	-	2.96	-	-	-	
DALL	9-9	232	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DRUMMOND CASTLE	9-9	113	6.5	0.5	3.5	-	11.7	27	-2.1	18	4.4	-	145	32	20	20	18	7	5	0	0	0	0	0	0	12	24	1	2.88	-	-	-	
DUNDEE	9-9	45	7.1	1.7	4.4	-0.6	12.6	28	-0.7	23	4.8	-	87	194	23	20	18	15	1	0	0	2	0	0	4	3	21	0	2.67	81	-	-	
FASKALLY	9-9	94	6.6	0.9	3.7	-	12.5	28	-3.1	18	4.4	5.2	92	180	11	21	18	16	9	1	0	1	0	0	0	9	17	0	2.64	-	-	-	
GLENARGLES	9-9	152	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
KINDROGAN	9-9	259	4.6	-0.5	2.1	-	9.7	28	-5.9	24	-	-	121	13	21	19	17	18	15	0	2	0	0	1	18	22	1	2.67	-	-	-	-	
KINROSS	9-9	116	6.6	0.6	3.6	-	10.7	27.28	-3.8	18	4.4	-	112	-	22	20	17	15	-	0	-	-	-	-	9	-	-	-	-	-	-	-	
MONTROSE	9-9	57	6.5	1.7	4.1	-	12.3	27	-1.6	8	-	-	72	164	22	21	14	10	1	0	0	1	0	0	0	3	16	-	1	3.42	-	-	-
MYLNEFIELD	9-9	30	6.9	1.8	4.3	-	12.2	27	-1.2	18	4.8	5.7	71	162	12	21	14	10	5	0	0	1	0	0	0	1	13	13	-	0	-	-	-
PERTH	9-9	23	7.2	0.8	4.0	-1.0	12.5	27	-3.1	24	-	-	73	159	13	21	20	15	-	0	0	0	0	0	6	13	13	-	0	-	-	-	
STRATHALLAN	9-9	41	7.2	1.1	4.1	-	12.5	27	-2.5	18	-	-	69	-	15	20	20	15	5	1	0	2	0	0	0	1	7	21	9	6	3.42	-	-
USAN	21-9	30	6.7	2.0	4.3	-	12.5	27	-1.3	8	-	-	80	-	30	20	15	11	1	0	0	0	0	0	0	2	11	9	6	3.42	-	-	-
WHITEHILLOCKS	9-9	258	5.3	-0.1	2.6	-	10.2	27	-4.4	8	-	-	205	269	1461	21	22	15	9	14	0	1	0	0	0	18	23	0	-	-	-	-	-
FIFE																																	
BELLISTON	9-9	82	6.6	1.7	4.1	-	11.5	27	-1.8	20	4.5	-	91	189	30	20	19	16	5	0	0	2	0	0	1	4	21	0	0	3.34	-	-	-
CUPAR (ELMWOOD)	9-9	36	7.2	1.0	4.1	-	12.1	27	-3.0	3	4.9	-	71	-	24	20	18	13	4	0	1	1	0	0	0	7	22	1	0	3.34	-	-	-
GLENROTHES (GLENWOOD)	9-9	117	6.4	1.1	3.7	-	11.0	27	-1.4	3.18.24	-	-	95	-	20	21	19	17	-	0	-	-	-	-	-	7	14	15	2	2.98	-	-	-
LEUCHMARS	21-9	10	7.3	1.7	4.5	-0.6	13.0	27	-1.9	3	-	-	64	161	20	20	18	13	11	0	0	3	0	0	0	8	14	15	2	3.55	97	-	-
PITREAVIE	21-9	40	7.4	1.9	4.7	-	12.1	5	-1.8	18	-	-																					

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

MARCH 1976

DISTRICT REGION/COUNTY AND PLACE	MAX. TERMINAL (H)GT) OF OBSERVATION	MIN.	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C								MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL H 09 GMT)		WEATHER (NUMBER OF DAYS)												BRIGHT SUNSHINE						
				MEANS OF		DAILY MEAN (MEAN OF A-B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY		PRECIP- ITATION	0.2 MM OR MORE OR MORE	1.0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	DEW POINT BELOW 0 DEG C	CONCRETE MIN BELOW 0 DEG C	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE	
				MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE					AMOUNT	DATE																	
6 SCOTLAND W																																		
STRATHCLYDE																																		
ACHAGLACHGACH	9 9	12	7.7	2.0	4.9	-	11.0	1.5	-3.6	9	-	-	146	139	21	20	18	17	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AROS	9 9	37	8.2	2.4	5.3	-	13.0	1	-5.0	9	-	-	184	144	20	20	19	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AUCHINCUIVE	9 9	45	7.8	1.9	4.9	-0.6	11.1	5	-4.0	9	5.4	6.1	74	145	11	20	16	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
BARRHEAD	9 9	30	7.9	1.2	4.5	-	11.7	5	-5.1	9	-	-	131	179	24	28	18	14	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
BENMORE (YOUNGER)	9 9	12	7.2	1.5	4.3	-	10.8	5	-4.7	9	-	-	268	173	56	20	20	18	6	0	0	1	2	0	0	0	0	0	0	0	0	0	0	
BOTANIC GARDEN	9 9	15	8.1	2.7	5.4	-	11.3	2	-2.6	9	6.1	-	163	142	39	20	17	16	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
BRODICK CASTLE	9 9	295	5.2	-1.0	2.1	-	9.0	25	-7.4	9	-	-	80	108	17	21	17	14	21	2	0	0	0	0	0	0	0	0	0	0	0	0	0	
CAMPS RESERVOIR	9 9	208	6.4	-0.6	2.9	-	10.6	5	-7.9	9	4.2	-	49	102	6	21	17	11	11	1	1	1	4	0	0	0	0	0	0	0	0	0	0	
CARNWATH	9 9	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
COLONSAY	9 9	274	5.7	-1.1	2.3	-	9.3	25	-9.2	9	3.9	-	-	-	-	-	-	-	5	1	0	0	0	0	2	18	23	18	5	2.56	-	-		
CRAWFORD JOHN	9 9	94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CUMBERNAULD	9 9	99	7.3	0.9	4.1	-	11.0	25	-4.4	9	-	-	69	-	11	28	17	12	2	0	0	0	1	0	1	11	16	0	0	0	0	0		
CUMNOCK	9 9	3	7.6	2.9	5.3	-	11.7	2.5	-1.7	9	-	-	126	-	23	20	20	17	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
DUNSTAFFNAGE	9 9	178	6.5	0.3	3.4	-	10.4	5	-5.6	9	-	-	110	-	18	20	16	14	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
EAST KILBRIDE	9 9	15	-	-	-	-	-	-	-	-	-	-	257	200	(51)	20	20	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
FINNART	9 9	8	8.3	2.7	5.5	-	10.6	18	-2.7	9	-	-	88	146	15	20	15	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
GIRVAN	9 9	5	7.9	1.8	4.9	-0.6	12.5	5	-6.4	9	-	-	100	-	19	28	15	13	7	0	0	0	3	0	0	0	0	0	0	0	0	0	0	
GLASGOW	9 9	107	6.8	1.0	3.9	-1.0	11.1	5	-4.5	9	-	-	100	159	16	28	19	14	6	1	0	0	3	0	0	0	0	0	0	0	0	0	0	
ABBOTSINCH AIRPORT	21-9	40	7.6	3.1	5.3	-	12.2	5	-1.7	9	-	-	77	-	13	28	14	13	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SPRINGBURN PARK	9 9	24	8.0	1.5	4.7	-	10.8	5	-5.5	9	-	-	223	-	53	20	20	19	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WEATHER CENTRE (X)	9 9	61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
GLENBRANTER	9 9	89	6.4	1.0	3.7	-1.1	10.5	5	-3.7	9	-	-	141	147	23	26	19	15	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
GREENOCK	9 9	40	7.4	1.8	4.6	-	10.2	2	-4.5	9	-	-	200	-	32	20	19	18	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	
HELENSBURGH	9 9	152	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
KNAPDALE FOREST	9 9	388	4.6	-1.2	1.7	-	8.4	25	-7.7	8	-	-	150	150	31	20	19	16	15	5	0	3	0	0	0	0	0	0	0	0	0	0	0	
LANARK	21-9	10	7.8	3.2	5.5	-	10.7	28	-2.5	9	-	-	128	175	22	20	16	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
LEADHILLS	9 9	5	7.7	3.0	5.3	-	10.4	6	-0.5	9	-	-	107	149	(20)	20	16	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
MACHRIHANISH	9 9	32	7.9	1.8	4.9	-0.9	12.0	5	(-3.8)	18	5.1	6.5	118	169	25	20	16	14	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
MILLPORT	21-9	16	7.9	2.0	4.9	-	11.4	5	-4.4	9	-	-	71	136	11	28	15	13	2	0	0	0	3	1	0	0	0	0	0	0	0	0	0	
PAISLEY	21-9	20	7.6	3.7	5.7	-	10.1	25	-0.6	9	-	-	160	190	24	20	18	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PRESTWICK	9 9	43	7.5	2.7	5.1	-	11.0	5	-1.5	9	4.9	5.7	130	151	23	9	19	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
RHUVAAL	21-9	12	7.0	2.1	4.5	-	10.7	5	-4.8	9	-	-	291	-	46	20	21	18	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	
ROTHESAY	9 9	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SLOY	21-9	9	7.7	4.2	5.9	-0.3	9.8	1.27	0.5	18	-	-	98	140	13	10	17	15	1	0	1	4	0	0	0	0	0	0	0	0	0	0	0	
STROMMCHULLIN	9 9	30	7.3	1.4	4.3	-	11.4	5	-4.5	9	-	-	187	-	28	20	17	15	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TIREE	9 9	107	6.7	0.5	3.6	-	10.9	5	-4.7	9	-	-	230	228	(60)	20	19	18	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
CENTRAL	21-9	335	4.7	-0.6	2.1	-	9.5	5	-4.6	6.9	-	-	-	-	-	-	-	-	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ARROCHMORE	9 9	3	7.7	1.8	4.7	-	11.9	3	-3.0	9	-	-	95	-	17	28	20	15	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
CALLANDER	9 9	2	8.4	2.1	5.3	-	12.7	3	-2.1	18	-	-	79	-	14	26	20	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
EARLS HILL	9 9	107	7.4	1.4	4.4	-	12.0	27	-1.0	24	4.4	-	100	-	25	20	17	17	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
FALKIRK (SEWAGE WORKS)	9 9	38	7.7	1.0	4.3	-	12.6	27	-5.0	9	5.0	5.5	120	-	29	20	18	14	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
GRANGE MOUTH	9 9	110	7.1	0.6	3.9	-	11.7	27	-6.6	9	-	-	119	119	39	20	15	15	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	
B-P REFINERY	9 9	178	6.3	0.2	3.3	-	10.8	25	-6.4	9	-	-	197	149	41	20	19	17	7	0	0	0	4	0	0	0	0	0	0	0	0	0	0	
PARKHEAD	9 9	49	7.6	1.0	4.3	-0.8	12.5	27	-4.2	9																								

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

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MARCH 1976

DISTRICT REGION/COUNTY AND PLACE	MAX. MIN.	TERMINAL (HGMT) 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 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	WETTED GROUND 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
2 ENGLAND E & NE -CONTINUED																																	
DURHAM	9 9	102	7.1	1.1	4.1	-0.8	14.0	25	-2.7	24	4.5	5.5	26	70	4	21	14	10	2	0	0	0	0	6	8	21	-	-	3.25	97	-		
DURHAM ...	9 9	377	7.8	0.6	4.2	-	14.2	25	-7.5	7	-	-	27	-	5	21	15	11	2	0	0	0	0	0	12	-	-	-	-	-	-		
HOUGHALL ...	9 9	513	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
WIDDYBANK FELL ...	9 9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CLEVELAND																																	
HARTBURN GRANGE	9 9	31	7.8	0.9	4.3	-	13.6	25	-4.0	23	-	-	10	35	3	17	11	6	4	0	0	0	0	0	12	18	-	1	2.65	-	-		
HARTLEPOOL ...	9 9	9	7.8	2.5	5.1	-0.8	13.8	25	-1.4	24	-	-	14	44	3	9	11	6	2	0	0	0	0	0	0	12	-	-	3.25	-	-		
NORTH YORKSHIRE																																	
ASKHAM BRYAN	9 9	34	7.7	1.1	4.4	-	13.6	31	-2.6	2.24	-	-	14	38	3	12	12	5	4	0	0	0	0	0	10	16	-	2	3.17	99	-		
CANOD ...	9 9	6	7.9	1.3	4.6	-	13.8	31	-4.0	4	4.7	5.5	13	37	3	16	9	5	5	1	0	0	0	0	0	11	15	-	0	2.94	-		
HIGH MONTHORPE ...	9 9	175	6.0	0.8	3.4	-	11.9	31	-2.9	23	3.6	-	19	40	4	12	14	6	5	2	0	0	0	0	0	1	9	-	0	2.98	-		
LEEMING ...	21-9	32	7.5	1.6	4.5	-	13.6	31	-4.0	23	4.6	5.6	11	29	3	16	11	4	7	0	0	0	0	0	1	13	-	0	3.02	-			
MALHAM TARN ...	9 9	44	4.4	-0.9	1.7	-1.2	7.6	2	-5.2	22.23	3.5	-	85	92	16	24	19	14	8	8	0	0	0	0	2	20	-	0	-	-	-		
PICKERING ...	9 9	395	7.2	1.2	4.2	-	13.2	31	-3.6	2	-	-	18	44	3	11	13	8	7	0	0	0	0	0	0	17	-	0	-	-	-		
SCARBOROUGH ...	9 9	53	6.9	2.3	4.6	-	13.4	31	-1.0	20	4.7	5.7	23	61	9	8	15	7	4	1	0	0	0	0	0	3	13	-	0	3.48	101	-	
SILPHO MOOR ...	9 9	203	6.1	0.7	3.4	-	11.6	31	-2.9	24	3.6	-	52	60	5	8	18	9	4	2	0	0	0	0	0	13	22	-	3	2.72	-		
SNATZEHOLME ...	9 9	290	5.0	-0.9	2.1	-	9.4	2	-5.3	23	3.4	-	85	-	12	20	19	14	6	2	0	0	0	0	0	6	17	-	0	3.46	-		
WHITBY ...	9 9	40	7.2	2.0	4.6	-	13.4	25	-3.6	20	-	-	18	-	3	8	12	6	6	1	0	0	0	0	0	6	-	1	3.46	-	-		
WHITBY (COASTGUARD)	21-9	60	6.8	2.1	4.5	-	13.2	25	-2.4	20	-	-	18	-	4	17	15	8	6	1	0	0	0	0	0	7	10	-	9	2	-		
YORK (HESLINGTON)	9 9	20	7.8	1.7	4.7	-	12.8	25	-2.2	20	5.0	5.6	13	37	3	17	11	5	1	0	0	0	0	0	1	17	-	0	3.30	-	-		
HUMBERSIDE																																	
BRIOLINGTON ...	9 9	48	6.8	2.2	4.5	-	14.2	31	-1.0	24	-	-	24	54	9	8	12	6	6	1	0	0	0	0	0	2	5	-	1	3.41	-		
BRIOL ...	9 9	3	8.4	1.7	5.1	-	15.3	28	-3.1	2	-	-	21	49	4	11.16	13	6	4	0	0	0	0	0	0	10	16	-	0	-	-		
CLEETHORPES ...	9 9	7	7.6	2.4	5.0	-0.7	15.5	28.31	-1.0	20	-	-	15	39	3	12	9	5	-	0	0	0	0	0	0	2	-	-	-	-	-		
HULL ...	9 9	2	7.8	2.6	5.2	-0.5	15.6	28	-1.0	20	5.4	6.4	29	70	3	14	15	9	2	0	0	0	0	0	0	3	16	-	0	3.62	116	-	
KILNSEA ...	21-9	12	6.6	3.0	4.8	-	14.4	31	-1.0	8	-	-	14	38	3	25	12	6	4	0	0	0	0	0	0	3	-	-	1	3.57	-		
LINCOLNSHIRE																																	
BINBROOK ...	21-9	108	7.0	1.5	4.3	-	14.3	31	-2.0	20	-	-	29	65	6	25	13	9	9	2	0	0	0	0	0	1	9	-	15	14	1	3.69	
CAISTON ...	9 9	55	8.4	1.8	5.1	-	15.5	31	-3.8	2	-	-	18	-	4	12	11	8	-	-	-	-	-	-	7	-	-	-	-	-	-		
CRANWELL ...	9 9	62	7.9	0.6	4.3	-1.0	14.5	31	-4.2	5	4.6	5.3	22	56	6	12	9	6	6	0	0	0	0	0	0	1	15	-	17	16	0	3.54	
KIRTON ...	9 9	4	8.3	1.5	4.9	-	15.7	31	-2.5	2	5.4	6.4	12	-	3	12	9	4	3	0	0	0	0	0	0	1	15	-	17	16	0	3.86	
LINCOLN ...	9 9	7	8.2	1.6	4.9	-0.6	14.7	31	-4.1	2	5.0	5.5	23	-	5	12	10	7	4	0	0	0	0	0	0	4	10	-	0	3.82	-		
SKEGNESS ...	9 9	5	7.5	2.7	5.1	-0.2	16.0	28	-1.0	2.8	-	-	16	42	5	15	9	6	1	-	0	0	0	0	0	2	9	-	1	3.29	88	-	
WADDINGTON ...	21-9	68	7.8	1.4	4.6	-0.8	14.0	28	-2.8	20	-	-	22	55	5	12	11	8	5	0	0	0	0	0	0	2	14	-	16	15	0	3.71	
3 EAST ANGLIA																																	
NORFOLK																																	
COLTISHALL ...	21-9	17	7.6	1.6	4.6	-	15.3	28	-3.6	20	-	-	18	43	5	12	12	6	5	1	0	0	0	0	0	1	15	-	17	17	0	-	
COSTESSEY ...	9 9	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CROMER ...	9 9	54	7.7	2.1	4.9	-0.6	16.2	28	-1.2	8	-	-	19	50	6	12	10	5	3	-	0	0	0	0	0	1	4	-	10	-	0	4.36	
EAST DEREHAM ...	9 9	53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
GORLESTON ...	21-9	4	7.0	2.7	4.9	-0.5	15.8	28	-1.4	9	5.2	6.5	13	36	7	12	4	3	3	0	0	0	0	0	0	1	2	-	-	0	3.85		
MARHAM ...	21-9	23	8.1	1.9	5.0	-	15.5	28	-3.4	2	-	-	8	-	2	17	7	3	3	1	1	0	0	0	0	0	10	16	-	0	3.67		
MORLEY ST BOTOLPH ...	9 9	48	7.6	1.6	4.6	-	14.7	28	-2.5	20	4.7	-	13	-	4	12	7	4	3	0	0	0	0	0	0	2	6	-	17	-	0	3.75	
SANTON DOWNHAM ...	9 9	24	8.3	0.4	4.3	-	14.8	28	-7.0	2	4.7	5.5	13	30	4	12	10	4	-	0	0	0	0	0	0	1	16	-	18	-	0	3.48	
SCOLE ...	9 9	27	8.0	1.7	4.9	-	15.6	28	-3.5	2	4.8	5.6	18	-	5	12	11	6	3	0	0	0	0	0	0	8	20	-	0	3.69	-	-	
TERRINGTON ST CLEMENT	9 9	3	8.3	1.6	4.9	-0.7	15.6	31	-2.9	2	5.1	-	14	38	3	17	12	6	2	1	0	0	0	0	0	1	10	-	16	-	0	3.59	
CAMBRIDGESHIRE																																	

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

MARCH 1976

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	MOST IN A DAY	PRECIP- ITATION	0-2 MM OR MORE	1-0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	DEW AT 9H	WIND DIRECTION AND SPEED	WIND DIRECTION AND SPEED	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE		
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE																						DATE	
4 MIDLAND COUNTIES																																	
WEST YORKSHIRE																																	
BRADFORD ...	9 9	134	6.7	1.0	3.9	-1.0	13.3	31	-2.7	9	4.0	5.1	57	99	22	21	17	11	8	0	0	0	0	0	0	0	0	0	2.89	99	5		
BRAMHAM ...	9 9	54	7.8	1.0	4.4	-	13.3	31	-3.9	4	-	-	19	45	5	16	14	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HUDDESFIELD																																	
ORKES ...	21-9	232	6.5	0.8	3.7	-1.0	12.3	31	-4.0	24	3.9	4.7	62	89	20	21	15	11	10	0	0	0	0	0	0	0	0	0	3.25	111	5		
RAVENSKNOLLE ...	9 9	99	7.4	1.4	4.4	-0.7	13.4	31	-3.9	24	4.5	5.3	42	75	8	21	12	10	5	0	0	0	0	0	0	0	0	0	3.22	125	5		
ILKLEY ...	9 9	83	6.9	1.0	3.9	-1.0	12.2	31	-4.7	24	-	-	51	87	13	21	19	13	5	0	0	0	0	0	0	0	0	0	3.22	125	5		
TODMORDEN ...	9 9	160	6.6	0.5	3.5	-	12.1	31	-5.0	24	-	-	71	-	19	21	15	10	6	1	0	0	0	0	0	0	0	0	0	0	0	0	
PONTEFRAC ...	9 9	78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WILSON ...	9 9	262	5.8	-0.4	2.7	-	12.2	31	-4.5	23	-	-	72	-	13	21	18	13	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTH YORKSHIRE																																	
FINNINGLEY ...	21-9	10	8.5	1.2	4.9	-	15.6	31	-4.0	4	-	-	19	51	6	16	9	5	7	0	0	0	0	0	0	0	0	0	3.52	-	-	-	
SHEFFIELD ...	9 9	131	7.8	1.4	4.6	-0.9	13.6	31	-2.0	4	5.0	(5.8)	40	69	12	26	13	9	6	0	0	0	0	0	0	0	0	0	3.51	118	-	-	
DERBYSHIRE																																	
ASHOVER ...	9 9	178	6.9	0.6	3.7	-	12.0	31	-3.6	4	-	-	31	-	7	12	13	8	0	0	0	0	0	0	0	0	0	0	3.30	-	-	-	
BUXTON ...	9 9	307	5.4	-0.1	2.7	-1.1	11.2	31	-4.4	24	3.4	4.2	75	90	23	25	16	12	10	0	0	0	0	0	0	0	0	0	0	0	0	0	
DERBY ...	9 9	48	8.4	1.5	4.9	-	14.5	31	-3.7	9	-	-	28	62	5	16	11	8	2	0	0	0	0	0	0	0	0	0	3.04	-	-	-	
MORLEY ...	9 9	107	7.6	0.5	4.1	-	13.4	31	-4.6	19	-	-	39	81	7	12	13	10	1	0	0	0	0	0	0	0	0	0	3.17	-	-	-	
WINGERWORTH ...	9 9	126	7.1	0.1	3.6	-	12.9	31	-5.6	2	4.4	-	29	-	6	16	17	6	7	0	0	0	0	0	0	0	0	0	3.21	-	-	-	
NOTTINGHAMSHIRE																																	
MANSFIELD ...	9 9	114	7.5	0.9	4.2	-1.1	13.0	31	-4.5	4.5	-	-	30	-	7	16	14	9	2	0	0	0	0	0	0	0	0	0	0	0	0	0	
NEWTHORPE ...	9 9	58	8.2	0.0	4.1	-	13.8	31	-5.5	10.24	-	-	24	-	6	16	8	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NOTTINGHAM ...	9 9	59	8.5	1.9	5.2	-0.6	14.0	28.31	-2.5	9	4.8	5.4	22	53	7	16	9	8	0	0	0	0	0	0	0	0	0	0	2.41	81	-	-	
SUTTON BONINGTON ...	9 9	48	8.3	0.9	4.6	-0.9	14.2	28	-4.3	9	5.1	5.6	21	50	6	16	8	7	2	0	0	0	0	0	0	0	0	0	3.60	111	-	-	
WARSOP ...	9 9	46	8.0	1.2	4.6	-	14.2	31	-4.8	5	-	-	23	54	7	16	13	6	3	0	0	0	0	0	0	0	0	0	3.37	-	-	-	
WATNALL ...	21-9	117	7.9	1.2	4.5	-0.8	13.5	31	-2.6	6	-	-	25	51	6	16	11	7	7	0	0	0	0	0	0	0	0	0	3.01	96	-	-	
STAFFORDSHIRE																																	
KEELE ...	9 9	179	6.7	0.5	3.6	-	12.0	31	-4.1	9	4.0	5.4	55	111	21	21	11	9	6	2	0	0	0	0	0	0	0	0	2.85	-	-	-	
OAKEN ...	9 9	125	7.9	0.6	4.3	-0.8	13.9	28	-4.6	8.23	5.0	-	49	105	17	21	11	8	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
PENKIRIDGE ...	9 9	101	8.1	0.1	4.1	-	13.5	31	-6.2	9	-	-	53	115	13	21	11	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
STONE ...	9 9	107	7.5	0.4	3.9	-	13.0	31	-5.8	9	-	-	59	125	18	21	11	9	6	1	0	0	0	0	0	0	0	0	2.85	-	-	-	
LEICESTERSHIRE																																	
CALDECOTT ...	9 9	52	8.3	0.4	4.3	-	14.7	29	-6.5	2	-	-	22	53	7	12	9	7	1	0	0	0	0	0	0	0	0	0	3.11	-	-	-	
NEWTOWN LINFORD ...	9 9	119	8.2	0.6	4.4	-	14.2	31	-4.3	24	-	-	20	43	5	16	8	6	4	0	0	0	0	0	0	0	0	0	3.16	-	-	-	
SALOP																																	
NEWPORT ...	9 9	64	8.0	0.7	4.3	-0.8	13.3	31	-6.3	9	-	-	44	103	16	21	11	8	5	1	0	0	0	0	0	0	0	0	3.22	101	-	-	
OSWESTRY ...	9 9	174	7.1	0.5	3.8	-1.3	11.4	29	-4.3	23	-	-	64	104	28	21	13	10	4	2	0	0	0	0	0	0	0	0	3.21	91	-	-	
SHAWBURY ...	21-9	72	8.2	0.8	4.5	-1.1	12.9	29	-6.1	24	-	-	50	116	21	21	10	9	5	0	0	0	0	0	0	0	0	0	3.01	88	-	-	
SHREWSBURY ...	9 9	56	8.2	1.0	4.6	-1.3	12.6	31	-5.6	9	5.0	6.5	42	102	14	21	11	9	0	0	0	0	0	0	0	0	0	0	3.04	90	-	-	
WEST MIDLANDS																																	
BIRMINGHAM																																	
EDGBASTON ...	21-9	163	7.6	1.7	4.7	-1.0	13.0	31	-3.0	8	5.6	-	42	77	12	21	12	9	7	1	0	0	0	0	0	0	0	0	3.35	107	-	-	
ELMDON AIRPORT ...	21-9	96	8.3	0.8	4.5	-0.9	13.2	29.31	-6.3	8	-	-	28	-	10	12	11	8	6	0	0	0	0	0	0	0	0	0	3.39	100	-	-	
KING EDWARD SCHOOL ...	9 9	137	7.7	1.4	4.5	-	12.9	31	-3.1	8	-	-	54	105	13	14	11	8	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
COVENTRY AIRPORT ...	9 9	81	8.4	-0.1	4.1	-	13.8	28	-6.6	9	5.4	5.9	15	-	4	12	9	6	2	0	0	0	0	0	0	0	0	0	3.57	-	-	-	
WARWICKSHIRE																																	
LONG LAWford ...	9 9	87	8.9	0.2	4.5	-	15.1	28	-7.2	8	5.2	-	15	-	4																		

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

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DISTRICT REGION/COUNTY AND PLACE	MAX. MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE HSL (METRES)	AIR TEMPERATURE IN DEGREES C								MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL H 09 GMT)		WEATHER (NUMBER OF DAYS)										BRIGHT SUNSHINE						
			MEANS OF		DAILY MEAN (MEAN OF A-B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY	PRECIP- ITATION	0.2 MM OR MORE	1.0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	WIND DIRECTION DEG C	WIND SPEED DEG C	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE	
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE																					DATE
5 ENGLAND SE & CENTRAL S.																															
GREATER LONDON																															
BROMLEY ...	9 9	65	9.1	2.2	5.7	-0.6	16.0	28	-2.0	2.6.10	-	-	13	32	5	12	10	5	-	-	-	-	-	-	-	-	-	-	-	-	-
ENFIELD ...	9 9	17	9.4	3.0	6.2	-	15.7	28	0.1	2.6.10	6.1	7.1	11	-	4	12	9	5	2	-	-	-	-	-	-	-	-	-	-	-	-
GREENWICH ...	9 9	7	-	-	-	-	-	-	-	-	-	-	9	25	3	12	10	4	0	0	0	0	0	0	0	0	0	0	0	0	0
HAMPSHIRE	9 9	137	8.2	2.0	5.1	-0.6	14.5	28	-1.9	8	-	-	10	24	3	15	7	4	0	0	0	0	0	0	0	0	0	0	0	0	0
HAMPTON ...	9 9	12	9.1	2.1	5.6	-0.9	14.0	28	-2.0	2.10	-	-	11	29	4	12	8	3	1	0	0	0	0	0	0	0	0	0	0	0	0
HARROW WEALD ...	9 9	98	9.2	1.2	5.2	-	14.5	28	-3.0	10	6.2	7.0	19	-	5	12	10	7	0	0	0	0	0	0	0	0	0	0	0	0	0
HEATHROW AIRPORT ...	21-9	25	9.5	2.3	5.9	-0.6	15.1	31	-2.3	9	-	-	11	29	3	12	10	5	3	0	0	0	0	0	0	0	0	0	0	0	0
KENSINGTON PALACE ...	9 9	25	9.2	2.9	6.1	-0.8	15.5	28	-0.7	8.10	6.5	7.0	10	25	2	12	9	5	1	0	0	0	0	0	0	0	0	0	0	0	0
KEN	21-9	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PSYCHROMETER ...	21-9	-	9.1	2.0	5.5	-	14.4	28	-5.1	2	6.1	6.9	9	23	3	12	9	3	2	0	0	0	0	0	0	0	0	0	0	0	0
NORTH WALL SCREEN ...	9 9	9.0	2.9	5.9	-0.7	14.0	28	-2.0	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LONDON																															
WEATHER CENTRE (X)	21-9	77	9.4	3.8	6.6	-	16.5	28	-0.1	7.8	-	-	10	-	4	16	8	4	2	0	0	0	0	0	0	0	0	0	0	0	0
ST JAMES PARK ...	9 9	4	9.4	2.6	6.0	-1.0	15.2	28	-1.5	10	-	-	11	28	3	16	9	4	2	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHGATE ...	9 9	67	-	-	-	-	-	-	-	-	-	-	8	19	2	12.15	7	3	1	0	0	0	0	0	0	0	0	0	0	0	0
WOODON ...	9 9	59	-	-	-	-	-	-	-	-	-	-	13	31	7	11	8	3	-	-	-	-	-	-	-	-	-	-	-	-	-
WEALSTONE ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WILTSHIRE																															
BOSCOMBE DOWN ...	21-9	126	8.6	0.9	4.7	-1.2	12.9	31	-5.2	24	-	-	28	58	12	12	9	5	1	0	0	0	0	0	0	0	0	0	0	0	0
LACOCK ...	9 9	49	9.8	-0.1	4.9	-	12.8	3	-6.5	9	-	-	47	99	17	12	11	7	-	0	0	0	0	0	0	0	0	0	0	0	0
LARKHILL ...	9 9	132	8.8	0.7	4.7	-0.9	13.3	31	-5.2	8.24	-	-	32	62	13	12	8	6	1	0	0	0	0	0	0	0	0	0	0	0	0
LYNEHAM ...	21-9	145	8.2	1.1	4.7	-0.8	12.0	27	-5.3	23	-	-	36	77	10	12	10	6	3	0	0	0	0	0	0	0	0	0	0	0	0
PORTON ...	9 9	110	8.9	0.3	4.6	-1.0	13.2	3	-6.5	24	5.0	-	28	54	13	12	8	4	-	0	0	0	0	0	0	0	0	0	0	0	0
UPAVON ...	21-9	179	8.4	1.0	4.7	-	12.9	28	-4.3	7	-	-	32	63	13	12	13	6	1	0	0	0	0	0	0	0	0	0	0	0	0
BERKSHIRE																															
EASTHAMPTON ...	9 9	77	9.0	0.3	4.7	-	13.9	31	-6.3	2	5.6	6.4	16	-	6	12	8	5	2	0	0	0	0	0	0	0	0	0	0	0	0
HURLEY ...	9 9	43	9.1	0.9	5.0	-	13.8	28	-5.0	10	5.3	-	14	32	4	12.15	8	5	2	0	0	0	0	0	0	0	0	0	0	0	0
LAMBOURN (WARREN FARM)	9 9	192	7.9	0.6	4.3	-	12.4	25.27	-4.4	23	-	-	20	-	6	12	10	6	2	0	0	0	0	0	0	0	0	0	0	0	0
READING ...	9 9	66	8.9	1.3	5.1	-	13.4	25.27.28	-3.4	2	5.9	6.7	15	-	5	15	8	4	2	0	0	0	0	0	0	0	0	0	0	0	0
SHINFIELD (N.I.R.O.)	9 9	62	9.2	1.2	5.2	-	14.8	31	-3.5	9	-	-	14	-	5	15	7	4	-	0	0	0	0	0	0	0	0	0	0	0	0
SURREY																															
MERRIST WOOD ...	9 9	46	(8.9)	(0.9)	(4.9)	-	14.4	28	-4.1	2	(5.4)	-	17	-	9	12	9	5	1	0	0	0	0	0	0	0	0	0	0	0	0
MICKLEHAM ...	9 9	55	(9.1)	0.5	(4.8)	(-0.9)	15.3	28	-5.7	7	5.2	5.9	19	41	10	12	9	6	1	0	0	0	0	0	0	0	0	0	0	0	0
WISLEY ...	9 9	35	9.5	1.2	5.3	-1.0	14.9	28	-4.4	2	5.8	6.7	21	50	7	13	9	4	0	0	0	0	0	0	0	0	0	0	0	0	0
KENT																															
DOVER ...	9 9	6	8.1	3.3	5.7	-0.4	14.2	30	-0.8	9	6.2	6.6	14	28	4	12	8	5	3	1	0	0	0	0	0	0	0	0	0	0	0
DOVER R.M.S. ...	9 9	123	7.2	1.9	4.5	-	12.5	30	-2.0	6.7	-	-	13	25	4	11	9	5	2	0	0	0	0	0	0	0	0	0	0	0	0
DUNGENESS ...	9 9	3	7.7	3.2	5.5	-	13.0	30	-2.7	9	-	-	15	57	9	12	9	4	3	0	0	0	0	0	0	0	0	0	0	0	0
EAST MALLING ...	9 9	32	8.9	1.5	5.2	-0.7	15.5	28	-3.3	2.10	5.2	6.0	11	27	7	12	8	2	2	0	0	0	0	0	0	0	0	0	0	0	0
ELMSTONE ...	9 9	5	8.7	1.3	5.0	-	15.8	28	-4.7	2	-	-	14	36	6	12	6	4	1	0	0	0	0	0	0	0	0	0	0	0	0
FAVERSHAM ...	9 9	48	8.6	1.4	5.0	-	15.4	28	-3.6	7	5.0	6.0	13	32	9	12	7	4	2	0	0	0	0	0	0	0	0	0	0	0	0
FOLKESTONE ...	9 9	31	7.9	2.0	4.9	-	13.7	30	-4.0	9	-	6.2	14	33	5	15	8	5	2	0	0	0	0	0	0	0	0	0	0	0	0
GILLINGHAM ...	9 9	4	8.8	2.0	5.4	-	17.1	28	-3.3	10	-	-	9	23	5	12	6	2	-	-	-	-	-	-	-	-	-	-	-	-	-
GOUDHURST ...	9 9	85	8.3	0.7	4.5	-1.2	12.8	28	-4.3	2.7	-	-	21	36	12	12	11	5	2	0	0	0	0	0	0	0	0	0	0	0	0
HADLOW COLLEGE ...	9 9	30	8.9	0.9	4.9	-	14.9	28	-5.9	10	5.4	6.5	12	-	7	12	7	4	3	0	0	0	0	0	0	0	0	0	0	0	0
HERNE BAY ...	9 9	31	8.2	1.5	4.9	-	16.0	28	-2.5	6	5.8	-	9	-	5	12	8	3	0	0	0	0	0	0	0	0	0	0	0	0	0
HANSTON ...	21-9	44	7.9</																												

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

MARCH 1976

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	1-0 MM OR MORE	SNOW OR BLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	WIND DIRECTION AND SPEED	WIND DIRECTION AND SPEED	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE		
		MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE					AMOUNT (MM)	DATE																	
7A ENGLAND NW & I.O.M.																																
CUMBRIA																																
CARLISLE ...	21-9	26	7.8	1.8	4.8	11.6	31	-3.8	9	5.4	6.2	68	144	20	21	14	11	5	0	0	0	0	0	9	17	12	0	3.24	-	-		
CARTMEL ...	9-9	34	7.4	1.2	4.3	10.7	27	-6.1	9	-	-	97	26	21	14	13	3	0	0	0	0	0	10	13	27	0	-	-	-	-	-	
GRIZEDALE ...	9-9	91	7.2	(0.0)	(3.6)	10.4	2	-6.3	9	4.2	-	117	95	29	20	17	14	3	0	0	0	0	0	11	27	0	-	-	-	-	-	
HEVERSHAM ...	9-9	30	8.6	1.1	4.9	12.0	4	-5.4	9	-	-	85	19	20	14	11	3	0	0	0	0	0	0	11	27	0	-	-	-	-	-	
MOOR HOUSE ...	9-9	556	2.7	-2.5	0.1	8.0	2	-8.5	23	1.9	-	130	94	24	28	21	18	13	16	1	0	0	9	27	29	5	2.62	-	-	-	-	
NEWTON RIGG ...	9-9	171	6.8	0.8	3.8	11.0	25	-4.5	9	4.2	-	44	72	12	28	12	10	3	1	0	0	0	0	10	27	0	2.92	-	-	-	-	
SELLAFIELD ...	9-9	13	(7.3)	(1.9)	(4.6)	11.0	4	-3.1	9	-	-	85	122	22	21	11	9	0	0	0	0	0	3	7	15	-	3.20	-	-	-	-	
LANCASHIRE																																
BALLRIGG ...	9-9	53	7.5	1.5	4.5	11.4	31	-3.5	9	-	-	68	18	24	14	9	3	0	0	0	0	0	9	16	-	-	3.61	-	-	-	-	
HELMESHORE ...	9-9	260	6.1	0.4	3.3	11.7	31	-4.4	23	4.2	-	91	103	27	21	15	9	3	0	0	0	0	3	15	26	0	-	-	-	-	-	
KIRKHAM ...	9-9	24	7.7	1.3	4.5	11.5	5	-5.5	9	-	-	54	100	21	21	11	7	1	0	0	0	0	0	11	19	-	3.35	-	-	-	-	
MORECAMBE ...	9-9	7	7.7	2.2	4.9	-0.8	11.4	4	-3.1	9	-	69	125	19	21	13	9	0	0	0	0	0	0	6	-	-	3.74	100	-	-	-	
NELSON ...	9-9	165	6.4	0.4	3.4	-1.2	11.5	31	-5.0	9	4.1	61	91	24	24	14	12	-	0	0	0	0	3	14	20	-	-	-	-	-	-	
PRESTON ...	9-9	33	8.1	1.7	4.9	12.4	31	-4.7	9	-	-	65	122	22	21	15	8	2	0	0	0	0	0	9	19	-	-	-	-	-	-	
SLADBURN ...	9-9	192	5.9	0.0	2.9	9.9	2	-5.0	24	-	-	91	103	25	21	16	11	4	1	0	0	0	4	16	19	-	2.74	-	-	-	-	
SQUIRES GATE AIRPORT	21-9	10	8.1	1.5	4.8	-0.9	12.2	5	-5.2	9	-	60	130	23	21	13	8	4	0	0	0	0	1	11	13	13	0	3.39	86	-	-	
STONYHURST ...	9-9	115	(7.1)	(0.7)	(3.9)	(1-1.2)	11.0	2.31	9	-	-	67	104	(23)	24	(11)	(8)	-	-	-	-	-	1	13	(15)	-	3.26	(100)	-	-	-	
MERSEYSIDE																																
RIGBURN ...	9-9	12	8.0	2.3	5.1	12.0	31	-2.2	9	-	-	59	29	21	11	9	3	0	0	0	0	5	8	-	-	0	-	-	-	-	-	
ST HELENS ...	9-9	76	7.8	1.3	4.5	13.5	31	-3.4	9	5.1	-	74	29	21	14	9	1	0	0	0	0	0	13	-	-	-	3.32	-	-	-	-	
SOUTHPORT ...	9-9	5	7.7	1.6	4.7	-1.0	12.0	31	-4.4	8	5.0	59	133	25	21	13	8	-	-	-	-	-	11	15	-	-	-	-	-	-	-	
SPEKE AIRPORT ...	21-9	22	8.3	1.9	5.1	-1.2	14.6	31	-3.5	23	-	55	21	21	13	9	3	0	0	0	0	2	8	16	15	0	3.63	103	-	-	-	
WEST KIRBY PARK ...	9-9	8	8.4	2.1	5.3	-0.8	14.9	31	-4.0	9	-	58	135	23	21	12	10	0	0	0	0	0	8	15	-	-	-	-	-	-	-	
GREATER MANCHESTER																																
BOLTON ...	9-9	107	7.4	1.2	4.3	12.5	31	-5.0	9	-	5.3	70	18	21	10	7	1	0	0	0	0	3	11	16	-	0	3.10	(100)	-	-	-	
MANCHESTER																																
RINGWAY AIRPORT ...	21-9	75	8.1	1.9	5.0	-0.7	13.0	31	-3.5	9	-	54	113	18	21	11	8	5	0	0	2	0	9	16	13	0	3.81	100	-	-	-	
WEATHER CENTRE (X)	21-9	69	8.6	3.3	5.9	13.1	31	-1.2	9	-	-	66	19	21	11	10	-	-	-	-	-	0	2	-	-	-	0	3.45	-	-	-	
CHESHIRE																																
KNUTSFORD ...	9-9	65	8.3	1.1	4.7	13.9	31	-4.5	9	4.9	5.3	66	135	21	21	13	8	1	0	0	0	0	12	16	-	0	-	-	-	-	-	
MACCLESFIELD ...	9-9	152	7.5	1.2	4.3	-1.0	12.0	28.31	-3.7	9	-	58	110	18	25	14	10	4	0	0	0	0	0	11	-	-	-	-	-	-	-	
NESS GARDENS ...	9-9	55	8.1	1.4	4.7	13.4	31	-3.4	23	5.3	-	50	115	20	21	13	9	2	1	0	0	0	3	12	21	-	3.54	-	-	-	-	
WINNINGTON ...	9-9	20	8.7	1.9	5.3	-1.2	14.5	31	-4.1	9	-	58	126	20	21	11	10	3	0	0	0	2	9	(16)	-	-	-	-	-	-	-	
ISLE OF MAN																																
DOUGLAS ...	9-9	87	7.2	3.2	5.2	-0.5	12.1	26.27	-2.0	9	-	104	137	33	20	15	13	1	0	0	0	0	1	10	-	2	2.94	75	-	-	-	
POINT OF AYRE ...	21-9	9	7.9	3.4	5.7	-0.6	12.6	31	-3.2	9	-	41	74	8	21	18	11	0	0	0	0	0	5	-	-	1	2.71	60	-	-	-	
RONALDSWAY AIRPORT ...	21-9	16	7.8	3.3	5.5	-0.4	12.3	27	-3.4	9	-	82	139	35	20	14	12	1	0	0	0	0	5	10	7	0	3.02	80	-	-	-	-
7B WALES N																																
GHYNEOD																																
ABER ...	9-9	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BALA ...	9-9	163	7.5	0.2	3.9	11.0	4	-7.9	9	5.0	5.4	48	57	16	24	13	9	4	0	0	0	0	15	18	18	0	3.32	-	-	-	-	
BARDSEY ISLAND ...	21-9	16	8.2	4.4	6.3	10.7	3	-0.1	8	-	-	50	89	9	14	16	12	0	0	0	0	0	1	5	3	5	-	-	-	-	-	
BOTHMNOG ...	9-9	34	8.5	2.4	5.5	12.5	31	-3.5	2.8	6.5	7.6	69	99	12	14	16	10	0	0	0	0	0	6	16	-	-	3.90	-	-	-	-	
CHMYSTRADOLLYN ...	9-9	204	7.7	1.8	4.7	12.0	5	-2.0	0.23-24	-	-	99	20	24	16	12	0	0	0	0	0	0	6	7	-	-	3.25	-	-	-	-	
LLYN ALW ...	9-9	44	8.4	(2.2)	(5.3)	12.0	5.20	-3.5	8	-	-	50	7	11-16	15	11	-	-	-	-	-	-	1	6	-	-	-	-	-	-	-	
PEN-Y-FFRIDD ...	9-9	84	9.1	2.3	5.7	14.4	5	-3.7	8	-	-	44	66	12	21	12	10	0	0	0	0	0	6	19	-	1	3.41					

[illegible]

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

MARCH 1976

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	WIND TO 1000 C	WIND TO 1000 C	ORAL	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE		
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE					AMOUNT (MM)	DATE															0.2 MM OR MORE	1.0 MM OR MORE
NORTHERN IRELAND																																
LONDON DERRY																																
AGHANLOO ...	9 9	18	9.0	2.5	5.7	-	12.0	5.25.28	-2.9	18	-	-	39	6	28	13	13	-	-	-	-	-	-	-	3	13	-	-	-	-	-	-
BANAGHER (CAUGH HILL) ...	9 9	216	7.5	1.3	4.4	-	10.6	27	-3.6	9	-	-	113	19	20	18	16	1	0	0	0	0	0	3	15	-	-	-	-	-	-	
CARMONEY ...	9 9	73	8.7	2.9	5.8	-	11.5	27	-1.5	18.23	-	-	52	6	28	18	14	0	0	0	0	0	0	1	3	9	-	-	-	-	-	
COLERAINE UNIVERSITY ...	9 9	23	8.4	1.8	5.1	-	12.3	27	-4.7	9	5.4	6.5	61	10	20	16	14	3	0	0	0	0	3	8	17	-	-	-	-	-	-	
COOLKEERAGH ...	9 9	3	9.4	2.9	6.1	-	12.7	5	-2.2	9	-	-	45	8	28	12	12	-	-	-	-	-	-	0	3	0	-	-	-	-	-	
DERRYNOYD FOREST ...	9 9	88	8.5	1.4	4.9	-	12.3	25	-6.3	9	-	-	102	126	16	20	16	16	0	0	0	0	0	1	8	17	-	-	-	-	-	
GARYVAGH FOREST ...	9 9	88	8.2	1.2	4.7	-	11.9	25.27	-5.7	9	5.2	5.9	91	125	22	20	16	14	0	0	0	0	0	0	12	17	-	-	-	-	-	
LOUGHMORE FOREST ...	9 9	174	8.0	0.9	4.5	-	11.4	5	-6.5	18	-	-	62	83	8	26	19	16	3	0	0	0	0	1	12	17	-	-	-	-	-	
MONEYDIO ...	9 9	34	8.7	1.3	5.0	-0.7	13.2	24	-5.5	9	6.1	-	68	111	15	20	17	14	0	0	0	0	0	1	11	17	15	-	-	-	-	
SOMERSET FOREST ...	9 9	43	8.8	1.7	5.3	-	12.6	27	-4.1	18	-	-	67	108	11	20	17	15	0	0	0	0	0	6	-	-	-	-	-	-	-	
TRAID POINT ...	9 9	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ANTRIM																																
ALDERGROVE AIRPORT ...	21-9	68	8.2	2.8	5.5	-0.2	12.8	27	-3.9	9	5.9	7.0	61	104	15	20	15	13	3	0	0	0	0	4	14	12	0	-	-	-	-	
ALTNAHINCH ...	9 9	226	6.7	1.2	3.9	-	10.5	27	-5.1	9	-	-	101	110	20	20	17	17	0	0	0	0	0	9	21	-	-	-	-	-	-	
BALLYLUMFORD ...	9 9	24	8.3	3.0	5.7	-	13.0	25.27	-2.0	9	-	-	73	22	20	19	10	0	0	0	0	0	0	1	13	-	-	-	-	-	-	
BALLYMONEY ...	9 9	55	8.8	1.7	5.3	-	13.0	25	-3.5	9	-	-	57	100	11	20	20	16	0	0	0	0	0	6	-	-	-	-	-	-	-	
BALLYPATRICK FOREST ...	9 9	152	7.5	2.2	4.9	-	10.6	5	-3.1	9	-	-	93	119	13	20	19	15	0	0	0	0	0	2	9	-	-	-	-	-	-	
CARNLOUGH ...	9 9	12	8.3	2.5	5.4	-	12.1	27	-4.7	9	-	-	87	17	20	18	12	0	0	0	0	0	0	7	11	-	-	-	-	-	-	
DIVIS MOUNTAIN ...	9 9	363	5.4	0.3	2.9	-	9.6	25	-5.3	9	-	-	93	117	19	10	18	17	0	0	0	0	0	14	7	-	-	-	-	-	-	
GREENMOUNT ...	9 9	32	8.5	1.9	5.2	-	12.2	27	-4.4	18	5.8	-	57	103	16	20	16	11	0	0	0	0	0	7	13	-	-	-	-	-	-	
KILROOT POWER STATION ...	9 9	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LARNE ...	9 9	43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LISNAFFILLAN ...	9 9	38	8.3	2.6	5.5	-	12.7	27	-2.7	12	-	-	79	136	21	20	16	15	0	0	0	0	0	6	14	-	-	-	-	-	-	
LONTOWN ...	9 9	271	6.3	1.0	3.7	-	10.6	27	-4.8	9	4.3	-	104	114	23	20	21	16	0	0	0	0	7	10	18	-	-	-	-	-	-	
MALLUSK (HYDE PARK) ...	9 9	140	7.1	1.9	4.5	-	11.7	25	-3.6	9	-	-	97	-	20	19	16	-	0	0	0	0	5	17	-	-	-	-	-	-	-	
PARKMORE FOREST ...	9 9	235	6.4	0.3	3.3	-	10.0	27	-5.4	9	4.6	-	129	129	21	20	19	16	1	0	0	0	0	12	24	-	-	-	-	-	-	
WOODBURN NORTH ...	9 9	217	6.5	1.3	3.9	-	12.1	27	-4.6	9	-	-	88	112	23	20	20	14	0	0	0	0	9	9	16	-	-	-	-	-	-	
BELFAST																																
MALONE ...	9 9	35	8.4	2.6	5.5	-	13.9	27	-2.8	18	5.7	-	67	-	9	11	19	16	-	-	-	-	-	6	16	-	-	-	-	-	-	
MILLTOWN ...	9 9	37	8.5	2.2	5.3	-	14.8	27	-4.0	9	-	-	69	-	11	11	19	16	0	0	0	0	0	6	16	-	-	-	-	-	-	
NEWTONABBAY ...	9 9	32	8.3	3.5	5.9	-	13.8	27	-2.7	9	6.2	-	70	107	13	10	20	12	1	0	0	0	0	1	15	9	0	-	-	-	-	
ROSEBANK ...	9 9	47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ROSETTA ...	9 9	24	8.5	3.1	5.8	-	14.1	27	-2.7	9	-	-	68	110	11	10	18	17	0	0	0	0	0	3	-	-	-	-	-	-	-	
STORMONT CASTLE ...	9 9	56	8.4	2.6	5.5	-	13.9	27	-1.8	3	5.8	6.7	66	109	11	20	18	15	0	0	0	0	0	4	13	-	-	-	-	-	-	
DOWN																																
BANGOR SEACOURT ...	9 9	15	8.3	3.6	5.9	-	13.6	27	-1.8	9	6.6	7.6	64	-	15	20	18	11	0	0	0	0	0	1	8	5	1	-	-	-	-	
BALLYMATER PARK ...	-	11	-	-	-	-	-	-	-	-	-	-	66	121	18	20	18	12	-	-	-	-	-	-	-	-	-	-	-	-	-	
BALLYMATTICOCK ...	-	6	8.0	2.9	5.5	-	13.6	27	-5.5	9	-	-	65	120	17	20	18	11	0	0	0	0	0	0	5	10	-	-	-	-	-	
CREIGHTONS GREEN ...	9 9	119	7.1	1.8	4.5	-	11.1	27	-3.5	9	-	-	64	99	14	20	19	14	-	-	-	-	-	4	-	-	-	-	-	-	-	
DOWNPATRICK ...	9 9	26	8.9	3.3	6.1	-	14.2	27	-3.6	9	-	-	87	-	29	20	17	12	-	-	-	-	-	2	7	-	-	-	-	-	-	
HELENS BAY ...	9 9	43	8.2	3.3	5.7	-	13.1	27	-2.1	9	-	-	57	102	11	20	17	11	0	0	0	0	0	2	15	-	-	-	-	-	-	
HILLSBOROUGH ...	9 9	116	7.7	1.5	4.6	-0.7	13.2	27	-3.9	9	5.7	6.6	70	123	12	20	19	13	0	0	0	0	0	9	17	-	-	-	-	-	-	
KILKEEL ...	21-9	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
KILLLOUGH ...	21-9	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MURLLOUGH ...	9 9	9	8.7	2.4	5.5	-	15.0	27	-5.5	9	5.6	6.3	136	-	56	20	17	16	1	0	0	0	0	5	10	-	-	-	-	-	-	
ARMAGH																																
ARMAGH ...	9 9	62	8.7	2.3	5.5	-0.8	14.0	27	-4.4	9	6.3	7.1	56	105	11	20	15	13	1	0	0	0	2	0	1	5	17	-	-	-	-	
LOUGHGALL ...	9 9	25	8.8	2.0	5.4	-	13.8	27	-6.3	9	-	-	53	106	11	20	15	14	0	0	0	0	0	0	6	17	-	-	-	-	-	
LURGAN ...	9 9	55	8.5	2.2	5.3	-	14.3	27	-4.2	9	5.9	6.6	56	108	9	20	17	14	0	0	0	0	0	0	-	-	-	-	-	-	-	
PORTADOWN ...	9 9	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TANDRAGEE ...	9 9	43	9.3	2.2	5.7	-	14.7	27	-4.8	9	-	-	54	-	15	20	14	12	-	-	-	-	-	9	-	-	-	-	-	-	-	
TYRONE																																
CARRIGANS ...	21-9	113	8.5	2.6	5.5	-	11.8	27	-3.8	9	-	-	92	130	11	10	17	15	1	0	0	2	0	0	7	14	10	0	-	-	-	-
COOKSTOWN ...	9 9	77	8.3	1.0	4.7	-	13.0	27	-7.4	9	5.4	-	73	113	17	20	17	15	0	0	0	0	0	0	12	17	-	-	-	-	-	
LOUGH BRADAN ...	9 9	169	7.8	1.4	4.6	-	11.4	27	-3.9	9.18	-	-	117	132	20	10	17	16	-	-	-	-	-	0	12	15	-	-	-	-	-	
POMEROY FOREST ...	9 9	174	7.7	1.4	4.5	-	12.2	27	-5.5	9	5.4	-	95	130	14	19	16	15	1	0	0	0	0	0	9	19	-	-	-	-	-	
STRABANE CONVENT ...	9 9	44	9.3	2.7	6.0	-	12.2	25	-2.0	18	-	-	71	120	9	14	19	17	2	0	0	1	0	0	4	-	-	-	-	-	-	
TIENVENNY ...	9 9	41	9.1	2.5	5.8	-	11.7	25	-3.3	9	-	-	77	-	11	26	19	14	-	-	-	-	-	5	12	-	-	-	-	-	-	
FERMANAGH																																
CASTLE ARCHDALE ...	9 9	66	9.2																													

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

MARCH 1976

STATION	HEIGHT OF BAROMETER ABOVE MSL (METRES)	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT					VISIBILITY							WIND SPEED AND DIRECTION																						
			AT MSL (MB)	DIFFERENCE FROM 1941-70 AVERAGE	DRY BULB DEGREES C	DEPRESSION OF MET BULB DEGREES C	WET BULB DEGREES C	VAPOUR PRESSURE (MB)	RELATIVE HUMIDITY (%)	OKTAS					0 - 50M	40 - 100M	200 - 300M	400 - 900M	1000 - 1900M	2000 - 3000M	4 - 9KM	10 - 19KM	20 - 39KM	40KM AND OVER	BEAUFORT FORCE					N	NE	E	SE	S	SW	W	NW						
										0	1 - 2	3 - 5	6 - 7	8											SKY OBSERVED	10 OR MORE	6-7	4-5	1-3									CALM					
																																							SPEED (KT)				
																																							22-23	11-21	1-10	0	
NUMBER OF OBSERVATIONS																																											
0 SCOTLAND N SHETLAND																																											
LEARNICK	85	3	1013.4	-	2.9	-	5.9	-	6.1	0	3	5	10	13	0	0	0	0	0	0	0	0	6	15	9	1	2	11	13	3	2	1	0	0	4	15	4	4					
		9	1013.9	+2.0	3.5	-	6.2	-	5.9	0	2	8	13	8	0	0	0	0	0	0	0	0	2	11	10	2	2	12	13	4	0	0	0	1	4	17	3						
		15	1013.3	-	4.1	-	6.3	-	6.8	0	0	5	15	11	0	0	0	0	0	0	0	0	1	10	6	12	1	11	17	2	0	0	0	5	18	3							
		21	1013.3	-	2.9	-	6.0	-	5.6	0	5	7	10	9	0	0	0	0	0	0	0	0	1	6	10	13	1	4	9	11	6	1	0	0	4	16	5						
ORKNEY																																											
KIRKALL	26	3	1013.1	-	3.3	0.0	6.7	86	5.7	1	5	4	10	11	0	0	0	0	0	0	0	2	9	10	8	2	2	8	14	5	2	0	0	3	6	12	1						
		9	1013.3	+1.0	4.1	1.0	6.8	83	5.6	0	3	9	13	6	0	0	0	0	0	0	0	1	8	11	10	1	0	9	17	5	0	0	2	6	13	2							
		15	1012.6	-	5.2	1.3	7.1	80	6.2	0	3	4	15	9	0	0	0	0	0	0	0	0	1	7	11	9	3	0	11	16	3	1	0	0	2	8	11						
		21	1012.9	-	3.6	1.0	6.6	83	6.0	0	2	8	14	7	0	0	0	0	0	0	0	0	1	7	12	10	1	2	10	13	6	0	0	0	1	7							
WESTERN ISLES																																											
BENBECULA	7	3	1011.2	-	5.1	0.0	7.8	87	6.0	0	4	5	12	10	0	0	0	0	0	0	0	2	5	7	13	3	0	8	11	10	2	0	0	2	6	12	3						
		9	1011.2	-0.9	5.0	0.9	8.0	86	6.0	0	4	6	12	9	0	0	0	0	0	0	0	1	8	7	11	4	0	7	15	9	0	0	1	3	12	4							
		15	1010.5	-	6.8	1.4	7.9	80	6.1	0	3	7	11	10	0	0	0	0	0	0	0	0	1	7	8	11	4	1	14	11	5	0	0	1	9	8							
		21	1010.9	-	5.3	0.9	7.7	86	6.4	1	1	4	10	15	0	0	0	0	0	0	0	0	1	7	8	12	3	1	10	9	9	2	1	0	3	7							
STORNOWAY	5	3	1011.6	-	4.7	0.9	7.4	85	4.9	0	11	4	4	12	0	0	0	0	0	0	0	4	10	15	2	1	5	13	12	0	0	0	5	15	4								
		9	1011.7	-0.4	5.4	1.1	7.5	83	6.1	0	3	7	10	11	0	0	0	0	0	0	0	0	6	13	9	3	0	5	17	7	2	0	1	0	4								
		15	1010.9	-	6.8	1.7	7.5	75	5.9	0	4	7	12	8	0	0	0	0	0	0	0	0	4	10	15	2	0	9	16	6	0	0	0	1	4								
		21	1011.3	-	5.0	1.0	7.4	84	5.8	1	5	5	7	13	0	0	0	0	0	0	0	0	7	10	13	1	1	6	13	10	1	0	0	1	5								
HIGHLAND																																											
CAPE WRATH	113	3	1010.7	-	4.5	0.6	7.7	91	5.1	0	11	3	5	12	0	0	0	0	0	0	0	0	3	21	7	1	9	6	15	0	0	1	5	3	6								
		9	1010.9	-	4.7	0.6	7.7	90	5.7	0	3	10	7	11	0	0	0	0	0	0	0	0	0	9	15	7	2	9	7	13	0	0	1	3	6								
		15	1010.2	-	6.0	0.9	8.1	87	5.6	0	5	6	13	7	0	0	0	0	0	0	0	0	0	9	17	5	4	4	13	10	0	0	5	5	3								
		21	1010.5	-	4.7	0.7	7.7	88	5.0	0	8	8	5	10	0	0	0	0	0	0	0	0	0	6	19	6	2	6	10	13	0	0	6	4									
WICK	37	3	1013.4	-	3.2	1.0	6.4	82	5.9	1	3	5	13	9	0	0	0	0	0	0	0	1	8	13	6	3	0	9	14	8	0	0	0	7	14								
		9	1013.6	+1.0	4.1	1.2	6.6	80	6.0	0	4	3	17	7	0	0	0	0	0	0	0	1	8	8	9	5	0	7	18	6	0	0	0	7									
		15	1012.8	-	5.2	1.6	6.7	75	6.3	1	1	3	19	7	0	0	0	0	0	0	0	0	1	7	11	11	1	11	14	5	0	1	0	7									
		21	1013.3	-	3.8	1.2	6.4	79	5.4	0	4	10	11	6	0	0	0	0	0	0	0	0	1	6	11	9	4	0	12	13	6	0	0	1	4								
1 SCOTLAND E ORRAPHAN																																											
DYCE	59	3	1015.6	-	2.6	1.1	6.0	81	5.8	1	5	6	4	14	1	0	0	0	0	0	0	6	10	4	3	7	0	1	16	10	4	1	0	2	6								
		9	1015.7	+1.9	4.2	1.5	6.2	75	6.1	0	5	4	10	12	0	0	0	0	0	0	0	6	9	6	4	6	0	1	18	10	2	0	0	3	7								
		15	1015.0	-	5.7	2.0	6.5	71	6.6	0	3	2	14	12	0	0	0	0	0	0	0	4	11	6	3	7	0	3	23	5	0	1	0	2	9								
		21	1015.5	-	3.6	1.3	6.2	79	6.0	0	5	4	6	14	0	0	0	0	0	0	0	5	14	4	1	7	0	1	21	8	1	0	3	6									
FRASERBURGH	22	3	1015.2	-	3.6	1.2	6.4	81	5.9	2	6	2	2	19	0	0	0	0	0	0	0	0	17	14	0	1	3	19	8	0	0	0	1	5									
		9	1015.5	+2.2	4.3	1.2	6.7	80	6.5	1	1	7	2	20	0	0	0	0	0	0	0	0	11	20	0	0	7	14	10	0	0	0	12	3									
		15	1014.7	-	5.6	1.6	7.0	76	6.5	1	0	4	12	14	0	0	0	0	0	0	0	0	9	22	0	0	11	15	5	0	0	0	1	11									
		21	1015.3	-	4.0	1.2	6.6	81	5.8	2	4	6	4	15	0	0	0	0	0	0	0	0	0	11	20	0	0	5	13	13	0	0	0	10									
KINLOSS	6	3	1013.8	-	3.4	1.2	6.3	80	5.7	1	3	9	9	9	0	0	0	0	0	0	0	5	9	13	4	0	2	13	14	2	1	0	5	3									
		9	1014.0	+0.9	4.5	1.6	6.4	75	5.0	1	7	6	15	2	0	0	0	0	0	0	0	6	7	13	5	1	3	9	17	1	1	0	4										
		15	1013.0	-	7.2	2.5	6.6	65	5.7	1	3	6	17	4	0	0	0	0	0	0	0	6	13	10	2	1	5	16	9	0	2	1	3										
		21	1013.8	-	3.9	1.4	6.3	77	5.4	0	7	5	13	6	0	0	0	0	0	0	0	0	8	10	8	5	0	1	18	11	1	0	3										
LOSSIEMOUTH	6	3	1013.9	-	2.8	1.1	6.1	82	5.5	2	3	5	13	8	0	0	0	0	0	0	0	4	12	10	5	0	1	14	16	0	0	0	5	12									
		9	1014.1	-	4.2	1.5	6.3	76	5.4	1	7	3	15	5	0	0	0	0	0	0	0	5	10	9	6	1	2	16	12	0	0	6											
		15	1013.0	-	6.8	2.3	6.7	67	5.8	0	5	4	17	5	0	0	0	0	0	0	0	1	0	3	11	11	5	1	6	16	8	0	3										
		21	1013.9	-	3.5	1.3	6.3	79	5.7	0	6	4	14	7	0	0	0	0	0	0	0	0	7	13	8	3	0	3	14	13	1	0	4										
TAYSIDE																																											
USAM	35	9	1016.4	-	4.4	0.8	7.4	87	5.6	0	6	8	4	13	0	0	0	0	0	0	0	4	4	10	13	1	11	13	6	0	1	0	2	7									
		15	1015.6	-	5.9	1.1	7.8	84	6.3	0	3	4	14	10	0	0	0	0	0	0	0	1	4	5	11	10	2	12	13	4	0	1	0	3									
		21	1016.1	-	4.5	0.8	7.4	87	4.8	3	10	1	3	14	0	0	0	0	0	0	0	0	2	6	6	17	1	9	14	7	0	0	6										
		FIFE																																									
LEUCHARS	12	3	1015.8	-	3.1	1.0	6.3	82	5.8	3	3	4	8	13	0	0	0	0	0	0	1	11	7	7	5	0	3	13	11	4	1	0	1	9									
		9	1016.1	+2.2	4.1	1.3	6.5	79	6.4	0	2	5	11	13	0	0	0	0	0	0	0	1	12	11	2	5	1	3	13	12	2	0	0	4									
		15	1015.2	-	6.4	2.2	6.6	68	6.2	0	1	7	18	5	0	0	0	0	0	0	0	2	10	12	3	4	1	9	15	6	0	1	3										
		21	1015.7	-	4.1	1.3	6.5	79	5.5	3	4	4	8	12	0	0	0	0	0	0	0	1	9	13	2	6	0	3	18	10	0	0	4										
LOTHIAN																																											
TURNHOUSE	44	3	1015.4	-	2.9	0.9	6.5	85	5.7	3	4	3	7	14	0	0	0	0	0	0	0	1	12	13	5	0	0	2	11	13	5	0	5	3									
		9	1015.7	+1.4	3.9	1.2	6.6	81	6.4	0	3	4	13	11	0	0	0	0	0	0	0	1	15	10	3	2	0	2	11	15	3	1	1	8									
		15	1014.8	-	6.7	2.2	6.8	69	6.5	0	2	4	15	10	0	0	0	0	0	0	0	0	1	7	17	6	0	0	3	14	14	0	2	5									
		21	1015.3	-	4.0	1.2	6.6	80	5.3	2																																	

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

MARCH 1976

HEIGHT OF BAROMETER ABOVE MSL (METRES)	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT						VISIBILITY						WIND SPEED AND DIRECTION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
		AT MSL (INB)	DIFFERENCE FROM 1941-70 AVERAGE	DRY BULB DEGREES C	DEPRESSION OF WET BULB DEGREES C	VAPOR PRESSURE (INB)	RELATIVE HUMIDITY (%)	OKTAS						0 - 50M	50 - 100M	100 - 200M	200 - 400M	400 - 800M	800 - 1600M	1600 - 3200M	3200 - 6400M	BEAUFORT FORCE						N	NE	E	SE	S	SW	W	NW																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
								0	1 - 2	3 - 5	6 - 7	8	SKY OBSERVED									SPEED (KTS)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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STATION	HEIGHT OF BAROMETER ABOVE MSL (METRES)	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY			CLOUD AMOUNT					VISIBILITY										WIND SPEED AND DIRECTION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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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	16	15	0	0	0	0	0	0	0	0	6	23	2	0	0	CAMBRIDGE BOTANIC GARDENS	0	5	15	11	0	0	0	0	0	0	0	0	0	0	0	0	0
LERNICK (SCREEN)	0	16	15	0	0	0	0	0	0	0	0	10	20	1	0	0	EDOBASTON	0	10	11	10	0	0	0	0	0	0	0	0	0	0	0	0	0
STORNOWAY	0	0	30	1	0	0	0	0	0	0	0	0	20	7	0	0	KEM (PSYCHROMETER)	0	3	18	10	0	0	0	0	0	0	1	10	13	7	0	0	0
CRAIBSTONE	0	15	11	5	0	0	0	0	0	0	0	7	23	1	0	0	KEM (NORTH-WALL SCREEN)	0	3	18	10	0	0	0	0	0	0	0	7	16	8	0	0	0
ROTHESAY	0	3	27	1	0	0	0	0	0	0	0	3	27	1	0	0	HASTINGS	0	4	21	6	0	0	0	0	0	0	0	5	22	4	0	0	0
ABBOTSLINCH	0	2	24	5	0	0	0	0	0	0	1	7	18	5	0	0	SOUTHAMPTON	0	1	16	14	0	0	0	0	0	0	0	9	18	4	0	0	0
ESKDALEHUIR (PSYCHROMETER)	0	16	15	0	0	0	0	0	0	0	4	12	13	2	0	0	STONYHURST	0	11	15	5	0	0	0	0	0	1	13	13	4	0	0	0	
ESKDALEHUIR (SCREEN)	0	16	13	2	0	0	0	0	0	0	3	12	14	2	0	0	VALLEY	0	0	22	9	0	0	0	0	0	0	7	15	9	0	0	0	
DOUGLAS	0	6	21	4	0	0	0	0	0	0	0	1	25	5	0	0	RHOOSE	0	4	19	8	0	0	0	0	0	0	10	13	8	0	0	0	
BOULMER	0	11	14	6	0	0	0	0	0	0	0	6	23	2	0	0	FALMOUTH	0	1	19	11	0	0	0	0	0	0	4	12	15	0	0	0	
HULL	0	10	12	8	1	0	0	0	0	0	0	2	22	5	0	0	ALDERBOROVE	0	3	21	7	0	0	0	0	0	0	4	22	5	0	0	0	
GORLESTON	0	11	13	6	1	0	0	0	0	0	0	2	26	3	0	0	ARMAGH	0	2	19	10	0	0	0	0	0	0	5	20	6	0	0	0	

MARCH 1976

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		VEER FROM N	SPEED-KT	DAY	HOUR BEGINNING	VEER FROM N	SPEED-KT	DAY	TIME																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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TABLE 6 SUMMARY OF AUTOGRAPHIC RECORDS OF WIND

MARCH 1976

DISTRICT REGION/COUNTY AND PLACE		HEIGHT OF VANE IN METRES	DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED										HIGHEST VALUES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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					DATES OF OCCURRENCE	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	22-33 KT			11-21 KT	4-10 KT	LESS THAN 4 KT	YEAR FROM N	SPEED-KT	DAY	HOUR BEGINNING	YEAR FROM N	SPEED-KT	DAY	TIME																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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Averages for 1941-70 were brought into use on 1-1-1974. Additions or corrections for months prior to this date refer to the averages in use at the time.

(x) Urban rooftop site.

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MONTHLY WEATHER REPORT

APRIL**1976**

VOLUME 93

NUMBER 4

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

Dry: wintry in north at first; mild after mid month, colder later.

After the first few days, when a wave depression developed on a front across southern Britain and a cold, northerly air-stream affected Scotland, a mainly westerly situation became established. Fronts crossed all areas at times, alternating with ridges of high pressure from mid Atlantic during the second week. Anticyclonic conditions predominated from the 15th as a substantial ridge from the Azores extended north-eastwards to form a centre over the North Sea on the 18th. This anticyclone then moved to a position north of Shetland and later drifted west and south to be centred off the south of Ireland by the 30th.

Weather

Northern districts had snow at the beginning of the month and outbreaks of rain or showers reached all areas at times during the first two weeks. Wintry showers fell in Scotland and there were gales in exposed places. The second half of the month was drier, particularly in the south, and many places had long, sunny periods, although coastal fog was sometimes slow to clear. The third week was often warm, but the weather became colder during the last week, with wintry showers in southern and eastern England on the 23rd and gales at times on south-eastern coasts. Widespread frost occurred towards the end of the month.

Wind

Fresh or strong winds blew round exposed northern coasts during the first half of the month and there were gales at times. Several places recorded gusts exceeding 65 kt on the 6th and at the high-level station at Snaefell there was a gust of 85 kt. Directions were mainly between south-west and north-west during the first two weeks, but there were northerlies at times. Winds gradually became north to north-easterly over all districts during the latter part of the month and were fresh or strong on east and south-eastern coasts of England, occasionally reaching gale force. Westerlies returned to most areas at the end of the month.

Temperature

Except in parts of south-west England, where monthly mean temperatures were between 1.0 and 1.5 degC below average, mean values were within 1 degC of normal everywhere. They were below average in Shetland, in a few places in northern and south-eastern Scotland and almost everywhere in England and Wales, but were above average in Northern Ireland, the Isle of Man and most of Scotland. The month started cold in some districts and there were a few cold nights, but some warm days, during the first fortnight. The third week was the warmest generally and most places recorded their maximum temperature for the month during this period: the highest was 21.6 °C recorded on the 20th at Achnashellach and Loch Oich, both in the Highland Region. Central London had its warmest Easter (16th to 19th) since 1952. It became colder in the last week and there were widespread frosts towards the end of the month: air temperatures of -7.5 °C and below

were recorded at several places on the nights of the 27th/28th and 28th/29th.

Rainfall (including melted snow)

Monthly rainfall totals were between 100 and 150 per cent of average in a few places in north-west and southern Scotland and in an area around the Firth of Forth, but were below normal in all other districts. Parts of north-east Scotland and Northern Ireland and almost all of England and Wales, except for northern districts, had considerably less than half their usual rainfall for April. Parts of southern England and South Wales had less than 20 per cent of average, and a number of places in southernmost counties had less than 10 per cent: Callington (Cornwall) did not record any rain at all. Although most districts had a dry month, outbreaks of rain or showers reached many areas on the 1st and 2nd. Lightning was seen in northern Scotland on the 1st and the Press reported a man struck dead by lightning on the Isle of Lewis. Rain or showers, which were wintry in the north, continued to occur at times during the first two weeks and affected many districts on the 13th and 14th: 55.7 mm fell at Braithwaite (Cumbria) in the 24 hours from 09 GMT on the 13th (the 'rainfall day' of the 13th), but this was the only reported instance of a 'daily' rainfall exceeding 50 mm. The second half of the month was dry over England and Wales, but Scotland had occasional outbreaks of rain.

Snow

A heavy fall of snow in Shetland on 31 March continued into the early hours of 1 April. Undrifted snow lay to depths of 25 to 30 cm during the next few days, with drifts to about 1 metre. Snow or sleet showers also fell in other northern and some western districts of the United Kingdom at the beginning of the month and depths of up to 15 cm were measured in level snow in east and south Scotland on the 2nd and 3rd.

Reports of snow were infrequent after the first week, but a little snow and sleet fell on Dartmoor on the 14th and 15th and in eastern and southern England on the 23rd. Snow lay on high ground in the north during the first week and gradually receded as the month progressed, lying only on higher slopes throughout the month.

Sunshine

Monthly sunshine totals were between 100 and 120 per cent of average in East Anglia, southern England (some places in the south-east had 130 per cent of average), west Wales and Northern Ireland, and were a little above normal in parts of northern England and western Scotland. Values were below average elsewhere, but only by about 10 per cent in central England. The dullest area, where about 65 per cent of average was recorded, was around the Moray Firth: Fortrose (Highland Region) with 89.8 hours of sunshine had its lowest April total since records began there in 1910. Sunny days were most frequent during the latter half of the month, when many places, particularly in the south and west, had long sunny periods.

Fog

Most of the fog which was reported during the month occurred during the second and third weeks. Patches of overnight fog in inland areas usually dispersed by mid morning, but coastal fog, which occurred fairly frequently around Scottish coasts and islands, was sometimes slower to clear, persisting on southern coasts of England on the 17th and 18th and along east coasts of England and Scotland north of the Humber on the 20th. Hill fog was infrequent, but occasionally accompanied precipitation.

Miscellaneous Phenomena

The aurora was observed in Scotland on 2 nights.

Table 1 District values

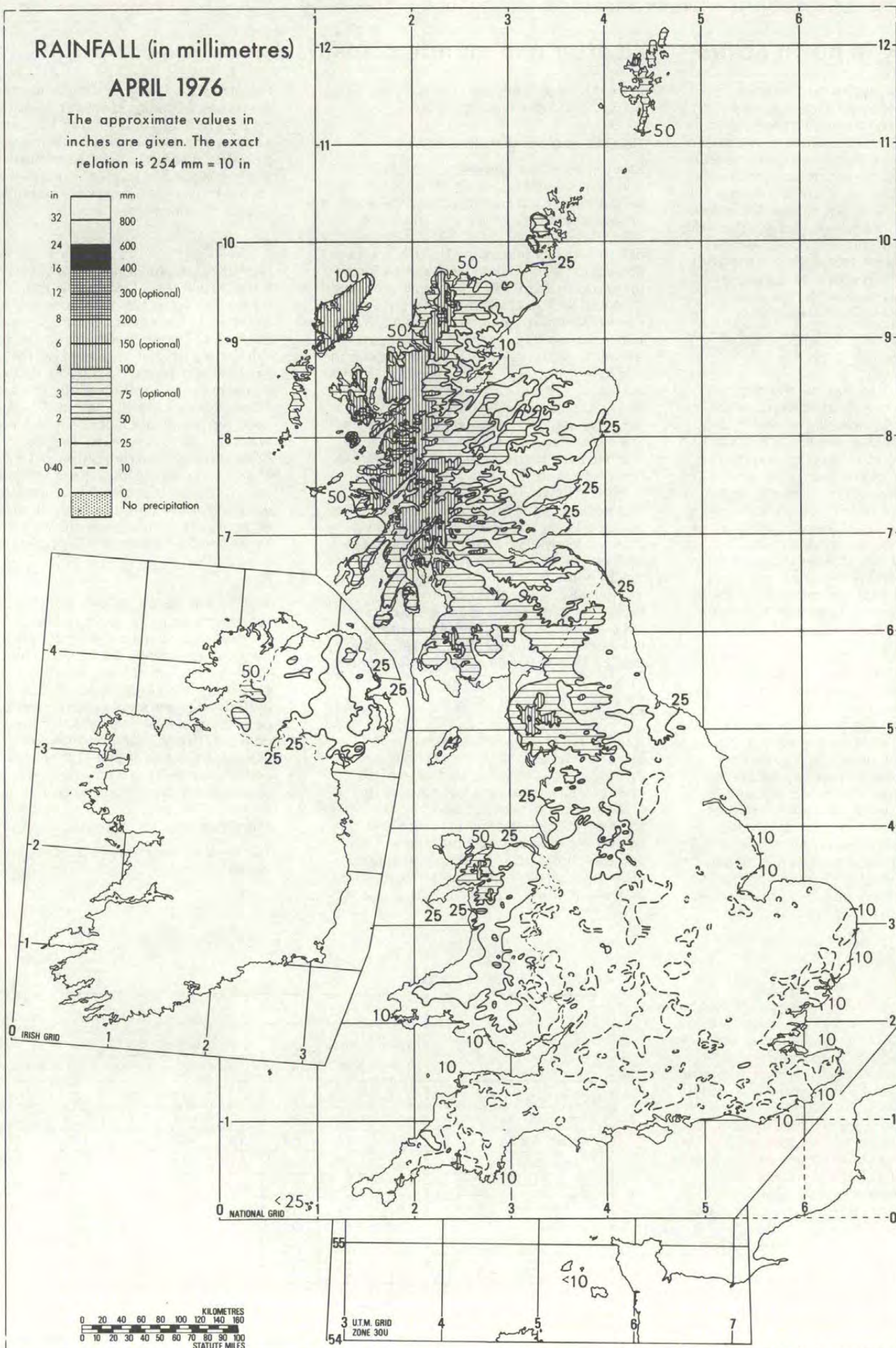
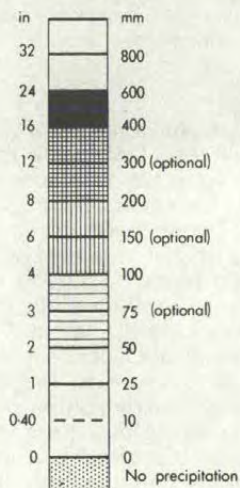
District	air temperature °C					mean 30-cm earth temp °C	rain- days	rainfall	sun- shine
	Highest	Lowest	max.	min.	mean				
	Max.*	Min.*	difference from average						
0 Scotland N	21.6	-3.2	+0.2	+0.5	+0.3	+0.2	-1	61	84
1 Scotland E	18.3	-6.1	0.0	+1.0	+0.3	+0.7	-5	65	80
2 England E & NE	17.6	-6.0	-0.8	0.0	-0.5	+0.5	-7	47	90
3 East Anglia	18.2	-5.2	+0.3	-1.4	-0.6	+0.1	-7	38	106
4 Midland Counties	19.1	-5.2	-0.7	-0.2	-0.4	+0.2	-7	31	89
5 England SE & Central S	19.2	-4.2	-0.2	-0.8	-0.5	-0.1	-7	25	122
6 Scotland W	21.0	-6.1	+0.1	+0.6	+0.4	+0.6	-2	74	90
7 England NW & Wales N	19.2	-2.8	-0.3	+0.1	-0.1	+0.1	-7	63	95
8 England SW & Wales S	21.5	-2.3	-0.2	-1.0	-0.6	0.0	-9	21	114
N Ireland	18.9	-2.6	+0.3	0.0	+0.1	+1.1	-6	42	109
Scotland	21.6	-6.1	+0.1	+0.7	+0.3	+0.5	-3	67	85
England & Wales	21.5	-6.0	-0.3	-0.5	-0.5	+0.1	-7	37	103

*Highest maximum and lowest minimum of District Value Stations.

RAINFALL (in millimetres)

APRIL 1976

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



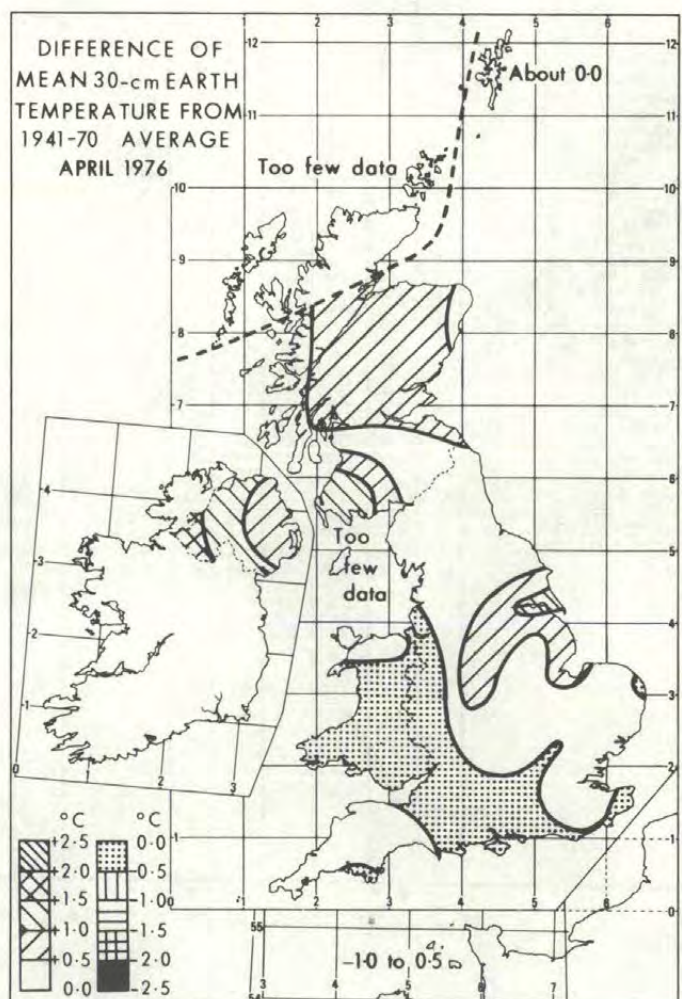
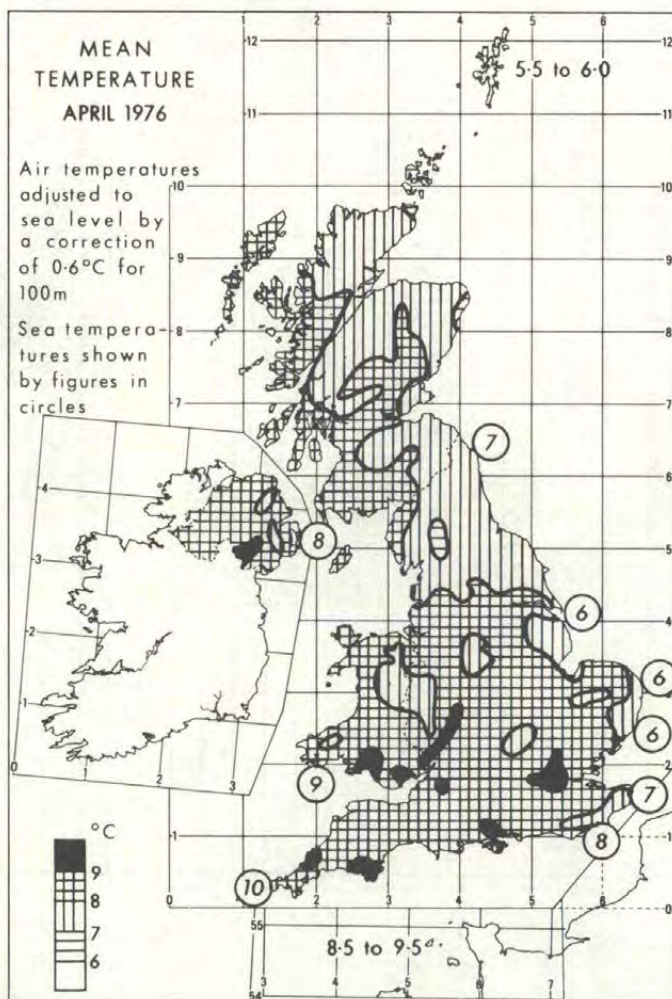
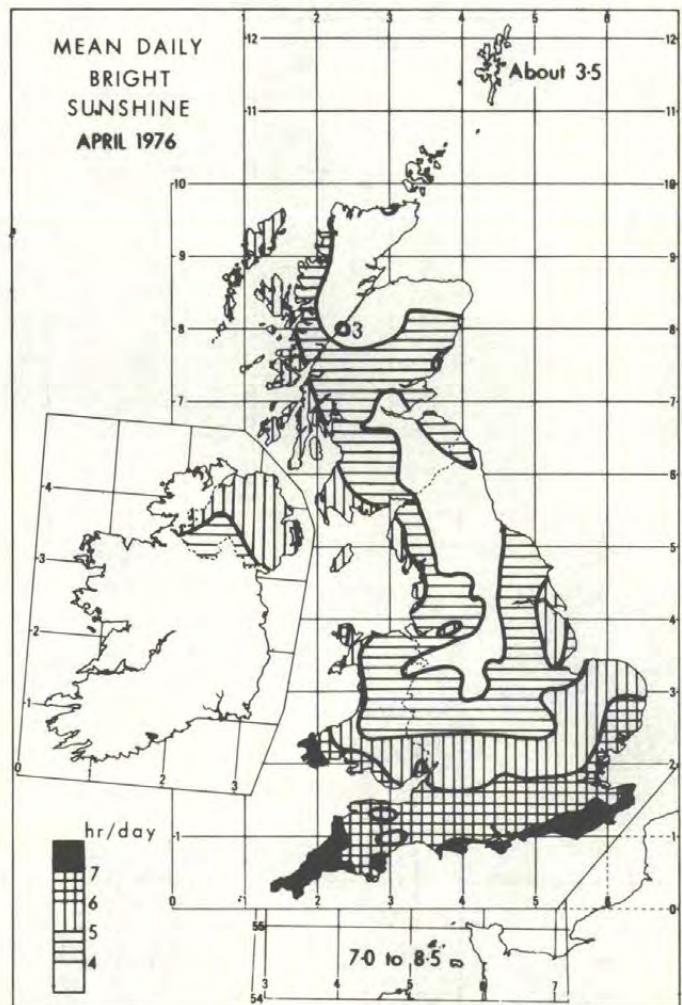
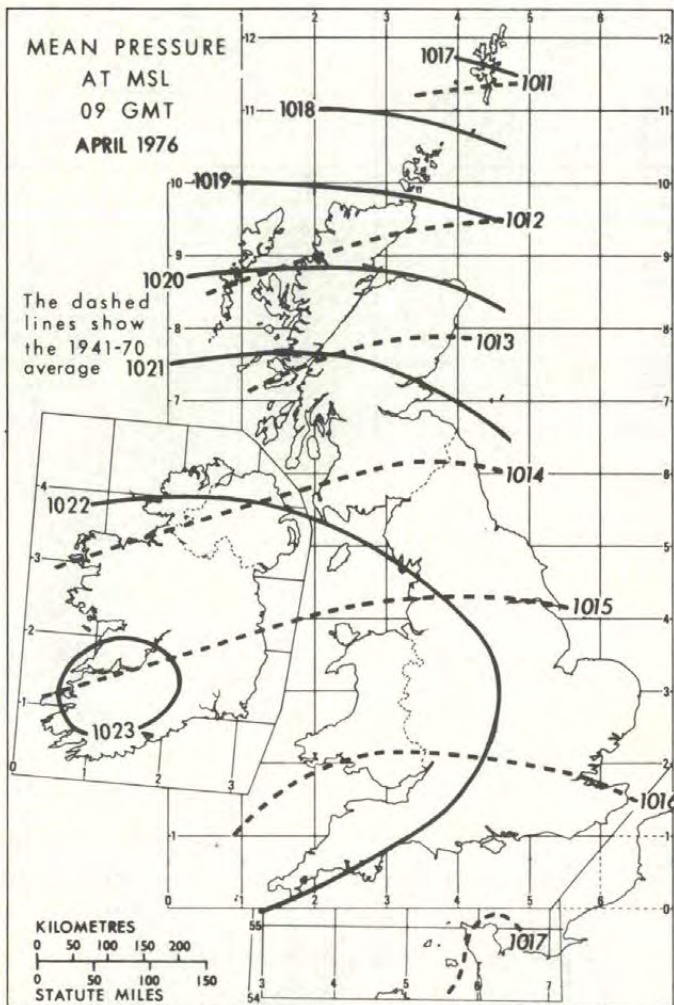


TABLE 2 SOLAR RADIATION AND ILLUMINATION

APRIL 1976

STATION	TOTAL RADIATION ON A HORIZONTAL SURFACE (MILLIWATT-HOURS PER SQUARE CENTIMETRE)						DIFFUSE RADIATION ON A HORIZONTAL SURFACE (MILLIWATT-HOURS PER SQUARE CENTIMETRE)						TOTAL ILLUMINATION ON A HORIZONTAL SURFACE (KILOLUX-HOURS)					
	MAX.	DATE	MIN.	DATE	DAILY MEAN	NO. OF DAYS	MAX.	DATE	MIN.	DATE	DAILY MEAN	NO. OF DAYS	MAX.	DATE	MIN.	DATE	DAILY MEAN	NO. OF DAYS
LERWICK	545	22	75	13	302.5	30	301	26	75	13	200.2	30	650	22	107	13	374.9	30
ESKDALEMUIR	629	20	80	13	316.5	30	285	28	80	13	187.6	30	750	20	108	13	369.4	30
CARDINGTON	669	28	123	14	371.2	30	389	30	123	14.20	230.5	30						
ABERPORTH	677	28	182	1	413.0	29	315	19	134	21	206.3	29						
LONDON WEATHER CENTRE KEW	639	29	150	14	396.3	30	291	18	121	29	207.4	30	789	20	201	14	488.0	30
BRACKNELL	708	29	184	14	413.2	30	310	18	133	29	220.6	30	809	29	230	14	483.1	30
ALDERGROVE	675	25	112	5	398.9	30	322	24	95	20	207.3	30						
JERSEY	728	29	222	1	509.8	30	338	16	88	3	216.6	30	839	29	282	1	621.1	30

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

APRIL 1976

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															0-2 MM OR MORE	1-0 MM OR MORE
0 SCOTLAND N																																
SHEPHERD	9 9	24	8.4	2.5	5.5	-0.4	12.3	20	-3.6	1	5.3		83	109	11	4	21	17	6	3	0	0	0	0	6				7	3.42	79	
BALASOUND	21 9	82																														
LERWICK			7.6	3.2	5.4	-	11.3	19	-1.7	1			75		13	16	21	16	6	2	1	4	0	1	2	11	11	6	3.73	82		
PSYCHROMETER			7.6	2.9	5.3	-0.1	11.5	19	-2.0	1																						
SCREEN																																
ORKNEY																																
KIRKALL AIRPORT	21-9	26	9.4	3.9	6.7	+0.4	12.8	19	-0.9	3			42	71	8	4	20	12	6	0	1	4	0	0	3	8	5	2	3.68	73		
WESTERN ISLES																																
BENBECULA	21-9	6	10.7	4.9	7.8	+0.3	17.8	21	-1.1	1			66		19	10	18	14	2	0	0	5	0	2	1	10	6	1	5.51	95		
SCALPAY	9 9	18																														
STORNOWAY	21-9	3	9.9	4.2	7.1	+0.2	14.8	20	-0.5	15			78		28	10	21	11	2	0	1	1	0	0	2	6	6	4	5.07	99		
HIGHLAND																																
ACHNASHELLACH	9 9	67	11.3	3.7	7.5	+0.6	21.6	20	-1.5	2			147	93	31	4	21	16	4	1	0	1	0	0	5				0			
BALMACARA	9 9	4	11.6	4.6	8.1	-	18.4	20.21	-0.7	2			127	118	21	10	17	14	0	0	0	0	0	0	1				1			
CAPE WRATH	21-9	112	8.0	4.5	6.3	0.0	13.2	20	0.0	1			84	116	18	16	18	16	2	0	1	1	0	3	0	1	1	2	3.85			
CORPACH	9 9	8	12.0	4.5	8.3	-	21.2	20	0.1	12			98		29	3	16	14	1	0	0	0	0	0	0	5				0		
CRAIGARROCH	9 9	38	12.0	3.6	7.8	-	20.0	20	-1.9	8			22		5	17	16	8	1	1	0	0	0	0	5				1			
DALWHINNIE	9 9	351	9.6	1.3	5.5	-	17.0	20.21	-4.6	23			47		15	3	14	9	3	2	0	0	0	8	9	12				0		
DOUNREAY	9 9	21	10.3	4.0	7.1	-	17.8	20	-2.0	4			32	65	51	5	15	10	0	0	0	1	0	1	2	3				0		
FORTROSE	9 9	5	9.7	5.1	7.4	+0.1	15.0	16	1.5	1.2.3			24	60	7	13	10	7	0	0	0	0	0	2	0				0			
GLENMORE LODGE	9 9	341	9.9	1.6	5.7	-	19.3	20	-4.0	8			53	78	13	13	20	12	8	2	0	1	0	1	9	14	9			0		
GRANTOWN-ON-SPEY	9 9	229	10.4	2.0	6.2	-	19.3	20	-5.2	8			25		8	13	18	8	2	0	0	0	0	0	8	15				0		
HEARST	9 9	109																														
ISLE OF RHUM	9 9	5	11.6	4.2	7.9	-	19.3	21	-1.5	1	8.5	7.6	159	101	26	10	19	16	2	1	0	0	0	0	3	13			1	5.81		
KEISS	9 9	30	9.8	3.6	6.7	-	13.4	16	-2.0	2.8			17		2	6	17	8	2	0	1	3	0	1	4	9			2	3.55		
KINLOCHWE	9 9	23																														
KNOCKANROCK	9 9	244																														
LAGGANLIR	9 9	250	10.4	1.6	6.0	-	20.5	20	-5.3	23			23		5	1	13	7	4	1	0	2	0	0	8	13			0			
LAIRG	9 9	91	10.7	2.7	6.7	-	19.4	20	-4.5	2			30		8	4	16	7	4	1	2	0	0	1	7	11			0			
LENTAN	9 9	146	10.5	3.1	6.8	-	16.4	20.21	-2.0	3			21		5	3	14	5	2	1	0	2	0	3	5	14			3			
LOCH DICH	9 9	37	11.1	3.8	7.5	-	21.6	20	-1.5	8			77		26	3	17	12	3	1	0	0	0	1	4	11			0			
NAIRN	9 9	6	10.9	4.0	7.5	+0.3	15.3	18	-2.7	3			19	50	5	13	14	5	0	0	0	2	0	2	4	7			1	3.34	65	
ONICH	9 9	15	11.8	3.9	7.9	+0.6	21.0	20	-1.0	3.12			106	77	21	3	16	15														
POOLEWE	9 9	6	11.5	4.5	8.0	-	19.7	21	-1.0	2			86		16	10	21	12	1	0	0	3	0	0	1	2			3	5.03		
PRABOST	9 9	67	11.1	4.1	7.6	-	17.7	20	-1.7	1			75	66	13	10	20	15	2	2	0	2	0	0	1	2			3	5.04		
RUBH RE	21-9	16	9.4	5.1	7.3	-	15.4	21	0.8	1			85		17	3	21	16	1	0	0	1	0	0	0	0			0			
STRATHCONDON	9 9	107	11.3	3.3	7.3	-	19.1	20	-2.4	1			52		11	4	19	8	2	1	0	0	0	0	4				0			
STRATHY	9 9	37	10.7	3.3	7.0	+0.5	18.4	20	-3.2	2			36	62	6	1	19	11	3	2	0	0	0	0	4				0			
TARBATNESS	21-9	18	9.7	4.7	7.2	+0.1	14.0	16	-0.5	1			5		2	4	8	2	0	0	0	0	0	1	1				0			
TOMATIN	9 9	311	9.5	2.0	5.7	-	19.4	20	-3.4	8			44		9	13	19	12	4										0			
WICK	21-9	36	9.9	4.0	6.9	+0.5	13.9	16	-2.9	2			15	33	3	13	20	5	3	0	0	3	0	1	4	10	8	2	3.40	66		

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

APRIL 1976

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				HIGHEST MAXIMUM		LOWEST MINIMUM		30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY		PRECIP- ITATION		SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	RELATIVE HUMIDITY 01:00-05:00 C	RELATIVE HUMIDITY 05:00-09:00 C	DATE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
																			MAX. (A)	MIN. (B)	DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE													MAX.	DATE	MIN.	DATE	AMOUNT (MM)	DATE	0-2 MM OR MORE	1-0 MM OR MORE	SNOW OR SLEET																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

APRIL 1976

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	DEW PT. BELOW 0 DEG C	WIND MIN. BELOW 0 DEG C	WIND MAX. BELOW 0 DEG C	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	-	-	-	-	19.8	21	-1.5	3	-	-	71	13	13	18	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARDS	9 9	37	12.2	4.4	8.3	-	19.8	21	-1.5	3	-	-	55	105	15	13	14	10	1	0	0	0	0	0	0	0	0	0	0	4.91	97	-
AUCHINCRIE	9 9	45	11.4	4.4	7.9	+0.2	18.7	20	-0.9	23	8.1	7.6	69	98	18	11	9	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0
BARRHEAD	9 9	30	11.8	3.9	7.9	-	18.6	20	-1.8	23	-	-	55	105	15	13	14	10	1	0	0	0	0	0	0	0	0	0	0	0	0	0
BENMORE (YOUNGER)	9 9	12	11.8	3.9	7.9	-	18.4	20	-1.2	3	-	-	92	62	15	10	14	11	2	0	0	0	0	0	0	0	0	0	0	0	0	0
BOTANIC GARDEN	9 9	15	12.3	4.8	8.5	-	18.1	20	-0.7	3	9.5	-	86	76	22	10	16	11	2	0	0	0	0	0	0	0	0	0	0	0	0	0
BRODICK CASTLE	9 9	295	9.3	1.8	5.5	-	16.8	20	-5.8	28	-	-	75	102	24	2	14	10	3	2	0	0	0	0	0	0	0	0	0	0	0	0
CAMPS RESERVOIR	9 9	208	10.4	1.8	6.1	-	18.1	20	-7.7	28	7.0	-	46	91	14	1	14	8	2	2	1	0	0	0	0	0	0	0	0	0	0	0
CARNWATH	9 9	35	11.5	5.2	8.3	-	18.7	21	0.7	3	-	-	39	6	3	14	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COLONSAY	9 9	274	9.5	2.2	5.9	-	16.2	20	-6.6	28	6.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CRAWFORD JOHN	9 9	94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CUMBERNAULD	9 9	99	11.3	3.5	7.4	-	18.2	20	-2.5	23	-	-	75	24	13	15	13	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CUMNOCK	9 9	3	11.4	4.4	7.9	-	19.7	21	0.0	12	-	-	84	12	4.30	18	13	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DUNSTAFFNAGE	9 9	178	10.5	2.9	6.7	-	17.8	20	-2.8	28	-	-	71	19	10	12	9	2	2	0	0	0	0	0	0	0	0	0	0	0	4.49	-
EAST KILBRIDE	9 9	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FINNART	9 9	8	11.7	5.3	8.5	-	16.5	20	0.1	3	-	-	48	76	15	13	12	11	1	0	0	0	0	0	0	0	0	0	0	0	0	0
GIRVAN	9 9	12	11.8	3.9	7.9	-	18.4	20	-1.2	3	-	-	92	62	15	10	14	11	2	0	0	0	0	0	0	0	0	0	0	0	0	0
GLASGOW	21-9	5	12.0	4.1	8.1	+0.2	18.3	20	-2.2	23	-	-	47	15	10	13	10	3	0	1	0	0	0	0	0	0	0	0	0	0	4.13	84
ABBOTSLINCH AIRPORT	9 9	107	11.1	4.2	7.7	+0.2	17.3	20	0.1	3	-	-	50	79	14	1	11	7	3	0	0	0	0	0	0	0	0	0	0	0	0	0
SPRINGBURN PARK	21-9	40	11.8	5.7	8.7	-	18.1	20	0.8	2	-	-	47	18	1	11	10	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WEATHER CENTRE (X)	9 9	24	12.0	3.3	7.7	-	18.2	20	-2.0	23	-	-	88	16	10	19	14	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GLENNAN	9 9	61	-	-	-	-	-	-	-	-	-	-	67	68	21	10	12	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GREENOCK	9 9	89	10.8	3.8	7.3	0.0	15.6	20	-1.0	23	-	-	46	49	15	10	14	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HELENSBURGH	9 9	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KNAPDALE FOREST	9 9	152	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LANARK	9 9	388	8.9	1.0	4.9	-	16.2	20	-5.9	28	-	-	89	91	18	13	14	11	4	2	0	0	0	0	0	0	0	0	0	0	0	0
LEADHILLS	21-9	10	11.0	5.1	8.1	-	17.1	20	0.2	3	-	-	37	53	7	10	14	12	1	0	0	0	0	0	0	0	0	0	0	0	0	0
MACHRIHANISH	9 9	5	11.2	5.6	8.4	-	18.0	20	1.7	2	-	-	35	47	131	10	12	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MILLPORT	9 9	32	12.1	5.1	8.6	+0.3	18.5	20	0.5	23	8.4	7.8	63	93	18	10	11	10	2	0	0	0	0	0	0	0	0	0	0	0	0	0
PAISLEY	21-9	16	11.6	4.2	7.9	-	20.1	20	-1.7	23	-	-	46	86	13	13	13	7	2	0	0	0	0	0	0	0	0	0	0	0	0	0
PRESTWICK	21-9	20	10.6	5.5	8.1	-	17.2	20	0.0	3	-	-	51	65	9	10	14	12	1	0	0	0	0	0	0	0	0	0	0	0	0	0
RHUVAL	9 9	43	11.9	5.3	8.6	-	18.0	20	1.5	1.3	7.8	7.0	49	54	12	10	14	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROTHESAY	21-9	12	11.8	4.4	8.1	-	17.4	25	-1.3	23	-	-	113	26	10	16	12	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SLOY	9 9	2	11.6	4.8	8.2	-	17.6	20	0.1	3	-	-	86	14	3	14	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STRONACHULLIN	21-9	9	10.7	5.7	8.2	+0.5	16.3	21	-0.2	1	-	-	51	79	14	1	15	10	1	0	0	0	0	0	0	0	0	0	0	0	0	0
TRECE	9 9	30	11.7	3.8	7.7	-	18.0	20	-1.5	23	-	-	48	-	12	10	9	7	-	0	0	0	0	0	0	0	0	0	0	0	0	0
CENTRAL	9 9	107	12.3	2.1	7.2	-	17.7	20	-1.8	23	-	-	74	79	22	3	11	8	3	0	0	0	0	0	0	0	0	0	0	0	0	0
ARROCHMORE	21-9	335	9.2	2.4	5.8	-	14.5	20	-2.4	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CALLANDER	9 9	3	11.6	4.7	8.1	-	16.8	19	-0.6	23	-	-	39	13	1	8	5	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EARLS HILL	9 9	2	12.1	4.9	8.5	-	17.0	19	0.2	28	-	-	38	-	10	1	8	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FALKIRK (SEWAGE WORKS)	9 9	107	12.0	4.1	8.1	-	17.4	20	-0.5	28	8.1	-	39	-	(151)	1	8	5	-	0	0	0	0	0	0	0	0	0	0	0	0	0
GRANGEMOUTH	9 9	38	12.4	3.7	8.1	-	17.6	20	-2.0	28	8.4	7.4	41	-	14	1	10	6	2	1	0	0	0	0	0	0	0	0	0	0	0	0
B.P. REFINERY	9 9	110	12.3	2.9	7.6	-	19.5	20	-3.2	28	-	-	66	68	27	13	13	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PARKHEAD	9 9	178	10.9	3.0	6.9	-	16.9																									

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DISTRICT REGION/COUNTY AND PLACE			MAX. MIN. OF OBSERVATION		TERMINAL HEIGHT OF STATION ABOVE MSL (METRES)		AIR TEMPERATURE IN DEGREES C								MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL H 09 GMT)		WEATHER (NUMBER OF DAYS)												BRIGHT SUNSHINE					
							MEANS OF		DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY AMOUNT (MM)	DATE	PRECIP- ITATION		SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	WET GROUND AT 9H	WET ROADS AT 9H	WET CONCRETE AT 9H	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE
											MAX. (A)	MIN. (B)	0.2 MM OR MORE	1.0 MM OR MORE																						
2 ENGLAND E & NE -CONTINUED																																				
DURHAM																																				
DURHAM ...																																				
HOUGHALL ...																																				
WIDDYBANK FELL ...																																				
CLEVELAND																																				
HARTBURN GRANGE ...																																				
HARTLEPOOL ...																																				
NORTH YORKSHIRE																																				
ASKHAM BRYAN ...																																				
CARWOOD ...																																				
HIGH MOWTHORPE ...																																				
LEEMING ...																																				
MALHAM TARN ...																																				
PICKERING ...																																				
SCARBOROUGH ...																																				
SILPHO MOOR ...																																				
SNAILZEHOLME ...																																				
WHITBY ...																																				
WHITBY (COASTGUARD) ...																																				
YORK (HESLINGTON) ...																																				
HUMBERSIDE																																				
BRIDLINGTON ...																																				
BRIGG ...																																				
CLEETHORPES ...																																				
HULL ...																																				
KILNSEA ...																																				
LINCOLNSHIRE																																				
BINBROOK ...																																				
CAISTON ...																																				
CRANWELL ...																																				
KIRTON ...																																				
LINCOLN ...																																				
SKEGNESS ...																																				
WADDINGTON ...																																				
3 EAST ANGLIA																																				
NORFOLK																																				
COLTSHALL ...																																				
COSTESSEY ...																																				
CROMER ...																																				
EAST DEREHAM ...																																				
GORLESTON ...																																				
MARHAM ...																																				
MORLEY ST BOTOLPH ...																																				
SANTON DOWNHAM ...																																				
SCOLE ...																																				
TERRINGTON ST CLEMENT ...																																				
CAMBRIDGESHIRE																																				
BOXWORTH ...																																				
CAMBRIDGE																																				
BOTANIC GARDEN ...																																				
NATIONAL INSTITUTE OF AGRICULTURAL BOTANY ...																																				
MARCH ...																																				
MEPAL ...																																				
MONKS WOOD ...																																				
WITTERING ...																																				
WYTON ...																																				
SUFFOLK																																				
ALDEBURGH ...																																				
BROOMS BARN ...																																				
EAST BERGHOLT ...																																				
HAUGHLEY ...																																				
HONINGTON ...																																				
LOWESTOFT ...																																				
WATTFISHAM ...																																				
BEDFORDSHIRE																																				
CARINGTON ...																																				
LUTON ...																																				
SILSOE ...																																				
WOBURN ...																																				
HERTFORDSHIRE																																				
ALDENHAM SCHOOL ...																																				
GARSTON ...																																				
HODDESDON ...																																				
ROTHAMSTED ...																																				
ST ALBANS ...																																				
STANSTEAD ABBOTTS ...																																				
ESSEX																																				
CLACTON-ON-SEA ...																																				
HARLOW ...																																				
LITTLE PARNDON ...																																				
MALDON ...																																				
SHOEBURYNESS ...																																				
SOUTHELD ...																																				
STANFORD-LE-HOPE ...																																				
STANSTED ...																																				
WRITTELE ...																																				

DISTRICT REGION/COUNTY AND PLACE	MAX. MIN.	TERMINAL HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C								MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL H 09 GMT)		WEATHER (NUMBER OF DAYS)												BRIGHT SUNSHINE				
			MEANS OF		DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		70 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY	PRECIP- ITATION	0-2 MM OR MORE	1-0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	WIND DIRECTION	WIND SPEED	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	10.6	3.8	7.2	-0.5	15.5	20	-2.2	28	7.3	6.6	18	30	8	1	7	3	0	0	0	2	0	0	4	12	-	0	3.87	85	S
BRAMHAM ...	9 9	54	11.8	3.6	7.7	-	16.4	18	-2.9	29	-	-	12	27	4	6	7	4	0	0	0	0	0	0	4	16	-	0	-	-	-
HUDDESFIELD																															
DAKES ...	21-9	232	10.9	3.5	7.2	-0.2	15.8	20	-1.3	28	7.0	6.2	28	40	9	1	12	6	2	0	0	0	0	1	2	12	10	1	3.80	88	-
RAVENSKNOLLE ...	9 9	99	11.4	4.1	7.7	-0.2	16.0	18.20	-2.7	28	7.8	7.2	21	37	7	1	7	5	0	0	0	0	0	0	3	8	-	0	4.10	101	-
ILKLEY ...	9 9	83	11.1	4.1	7.6	-0.2	16.5	18	-2.5	28	-	-	17	27	6	1	8	6	0	0	0	0	0	0	4	5	-	0	4.05	89	-
TOMMORON ...	9 9	160	10.5	3.5	7.0	-	15.7	20	-3.3	28	-	-	41	-	11	13	8	7	1	0	1	0	0	0	4	-	-	0	-	-	-
PONTEFRAC ...	9 9	78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WILSON ...	9 9	262	9.8	2.6	6.2	-	16.0	20	-4.0	28	-	-	24	-	9	1	9	7	1	0	0	0	0	2	4	12	7	0	-	-	-
SOUTH YORKSHIRE																															
FINNINGLEY ...	21-9	10	12.4	3.8	8.1	-	16.9	17	-3.5	29	-	-	13	33	5	6	7	4	0	0	0	1	0	0	5	14	7	0	4.36	-	-
SHEFFIELD ...	9 9	131	11.7	4.4	6.1	-0.2	16.9	20	-0.5	28	8.1	7.4	16	30	6	2	7	5	0	0	0	0	0	2	-	-	7	0	3.87	90	-
DERBYSHIRE																															
ASHOVER ...	9 9	178	10.9	3.6	7.5	-	16.5	20	-2.3	28	-	-	13	-	3	14	5	5	0	0	0	0	0	0	4	11	-	0	3.72	-	-
BUXTON ...	9 9	307	9.2	2.9	6.1	-0.4	14.5	20	-2.5	28	6.7	6.7	37	42	18	13	9	5	0	0	0	0	0	0	1	3	7	-	0	-	-
DERBY ...	9 9	48	12.3	4.3	8.3	-	17.3	20	-2.4	29	-	-	8	19	2	1	7	5	0	0	0	0	0	0	3	8	-	0	3.61	-	-
MORLEY ...	9 9	107	11.2	3.3	7.3	-	16.0	20	-1.9	8.28	-	-	10	21	3	1	6	5	0	0	0	0	0	0	3	14	9	0	4.05	-	-
WINGERWORTH ...	9 9	126	11.1	2.9	7.0	-	16.2	20	-4.6	29	7.9	-	14	-	3	1	7	5	0	0	0	0	0	0	6	14	11	0	3.91	-	-
NOTTINGHAMSHIRE																															
MANSFIELD ...	9 9	114	11.5	3.7	7.6	-0.6	16.5	17	-3.0	28	-	-	15	-	5	14	6	4	0	0	0	0	0	0	1	12	-	0	-	-	-
NEWTHORPE ...	9 9	58	11.8	2.3	7.1	-	16.7	20	-5.6	29	-	-	13	-	5	1	6	4	0	0	0	0	0	0	7	-	-	0	-	-	-
NOTTINGHAM ...	9 9	59	(12.11)	(5.11)	(8.6)	+0.1	17.0	17.20	-0.5	29	(8.31)	(7.4)	10	24	4	14	5	4	0	0	0	0	0	0	1	(11)	-	0	(2.651)	(621)	-
SUTTON BONINGTON ...	9 9	48	12.0	3.7	7.9	-0.4	17.1	20	-3.7	29	7.9	7.6	10	23	3	14	6	5	2	0	0	0	0	0	3	17	8	0	4.35	93	-
WARSOP ...	9 9	46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WATNALL ...	21-9	117	11.6	4.0	7.8	-0.5	16.8	20	-1.5	8	-	-	12	25	4	14	6	5	1	0	0	0	0	0	3	12	5	0	3.86	84	-
STAFFORDSHIRE																															
KEELE ...	9 9	179	11.1	3.4	7.5	-	16.5	20	-1.0	28	7.5	6.7	23	44	8	14	7	4	0	0	0	0	0	0	3	13	-	0	3.90	-	-
DAKEN ...	9 9	125	11.9	3.6	7.7	-0.2	18.0	20	-1.3	28	8.0	-	13	27	5	13	7	4	0	0	0	0	0	0	5	12	-	0	-	-	-
PENKRIDGE ...	9 9	101	12.2	2.8	7.5	-	17.6	20	-3.5	29	-	-	15	29	6	13	6	5	0	0	0	0	0	0	4	11	-	0	-	-	-
STONE ...	9 9	107	11.8	3.2	7.5	-	16.8	20	-3.5	29	-	-	17	33	7	13	5	4	0	0	0	0	0	0	5	17	-	0	4.08	-	-
LEICESTERSHIRE																															
CALDECOTT ...	9 9	52	12.4	3.5	7.9	-	17.4	19	-4.2	8	-	-	11	28	5	14	5	4	0	0	0	0	0	0	5	12	-	0	4.72	-	-
NEWTOWN LINFORD ...	9 9	119	12.1	3.5	7.8	-	17.3	20	-3.4	29	-	-	16	35	6	14	7	5	0	0	0	1	0	0	3	10	-	0	4.05	-	-
SALOP																															
NEWPORT ...	9 9	64	12.3	3.2	7.7	-0.2	17.5	20	-3.0	8	-	-	12	29	5	13	5	3	0	0	0	0	0	0	6	16	-	0	4.36	93	-
OSMESTRY ...	9 9	174	11.1	3.9	7.5	-0.4	17.0	20	-0.3	28	-	-	19	33	8	13	6	3	0	0	0	0	0	0	1	17	-	0	3.83	76	S
SHAWBURY ...	21-9	72	12.2	2.8	7.5	-0.7	18.0	20	-3.5	1	-	-	11	26	4	1	5	3	0	0	0	0	0	0	8	17	10	0	4.21	84	-
SHREWSBURY ...	9 9	56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WEST MIDLANDS																															
BIRMINGHAM																															
EDGBASTON ...	21-9	163	11.4	4.6	8.0	-0.5	18.0	20	0.4	28	7.7	-	-	-	-	-	-	-	-	-	-	-	-	0	9	5	-	3.98	87	-	
ELDMON AIRPORT ...	21-9	96	11.9	3.4	7.7	-0.4	18.0	20	-4.0	8	-	-	11	-	4	13	6	4	0	0	0	0	0	0	4	16	9	0	4.35	88	-
KING EDWARD SCHOOL ...	9 9	137	11.0	4.3	7.7	-	17.2	19	0.3	8.29	-	-	18	37	6	13	7	4	0	0	0	0	0	1	0	-	-	0	-	-	-
COVENTRY AIRPORT ...	9 9	81	12.4	3.3	7.9	-	18.3	20	-3.2	29	7.7	7.5	17	-	6	13	6	5	0	0	1	0	0	0	5	-	-	0	4.22	-	-
WARWICKSHIRE																															
LONG LAWford ...	9 9	87	12.7	3.1	7.9	-	17.9	17	-4.8	8	8.4	-	14	-	6	13	4	3	1	0	0	0	0	0	5	12	-	0	-	-	-
LUDDINGTON ...	9 9	56	12.5	3.6	8.1	-	18.4	20	-2.6	8	-	-	9	-	4	13	3	3	0	0	0	0	0	0	5	12	-	0	5.02	-	-
MORETON MORRELL ...	9 9	85	12.3	3.0	7.7	-	18.0	20	-3.5	29	-	-	10	25	4	13	5	5	0	0	0	0	0	0	5	16	-	0	4.55	-	-
RUGBY ...	9 9	117	12.2	4.0	8.1	-0.3	17.7	20	-1.9	8.29	8.6	8.5	19	43	7	13	5	4	0	0	0	0	0	0	4	7	4	0	-	-	-
SHIPSTON-ON-STOUR ...	9 9	111	12.0	4.0	8.0	-0.5	17.6	20	-1.1	8	7.7	-	9	21	3	14	5	4	0	0	0	1	0	0	2	14	-	0	4.72	91	-
STRATFORD-UPON-AVON ...	9 9	49	12.6	2.9	7.7	-0.7	19.5	20	-5.0	8	8.8	-	11	27	5	13	5	4	0	0	0	0	0	0	5	14	-	0	4.26	87	-
WELLESBOURNE ...	9 9	47	12.7	2.8	7.7	-	19.0	20	-5.2	24	8.0	7.7	9	21	4	13	5	4	0	0	0	0	0	0	6	13	8	0	4.77	-	-
NORTHAMPTONSHIRE																															
BUGBROOKE MILLS ...	9 9	69	12.5	3.1	7.8	-	18.6	18.19	-3.5	8	8.4	7.9	8	20	5	14	4	3	0	0	0	1	0	0	3	-	-	0	4.29	-	-
RAUNDS ...	9 9	59	12.8	4.2	8.5	+0.2	18.2	17.19	-5.2	29	8.7	7.5	15	36	8	14	8	4	1	0	1	0	0	0	3	12	-	0	4.32	90	-
HEREFORD & WORCESTER																															
LYONS HALL ...	9 9	155	11.8	4.0	7.9	-0.4	17.8	20	-1.7	8.29	-	-	10	17	4	13	6	3	-	-	-	-	-	-	2	19	-	-	-	-	-
MALVERN ...	9 9	62	13.0	4.9	8.9	-	18.5	17.20	-0.5	23	8.8	7.8	12	25	6	13	5	3	0	0	1	0	0	0	2	8	-	1	4.70	91	S
PERSHORE ...	9 9	40	13.0	4.0	8.5	-	19.1	20	-1.4	8.29	-	-	11	26	4	13	5	4	0	0	0	1	0	0	3	14	-	0	4.90	-	-
COLLEGE OF HORT. ...	21-9	35	12.9	3.5	8.2	-	19.2	20	-2.9	8	-	-	11	27	4	13	6	3	0	0	1	0	0	0	5	16	7	0	4.88	-	-
PRESTON WYNN ...	9 9	84	12.3	2.5	7.4	-	17.8	20	-6.9	29	-	-	12	27	5	13	6	5	0	0	0	0	0	0	6	15	-	0	4.90	-	-
GLOUCESTERSHIRE																															
CHELTENHAM ...	9 9	65	12.6	4.2	8.4	-0.7	19.1	20	-2.1	8	-	-	15	33	6	13	7	4	0	0	0	1	0	0	3	-	-	0	5.29	102	-
INNORTH ...	21-9	21	13.1	4.3	8.7	-	19.6	20	-2.1	8	-	-	11	-	5	13	6	3	0	0	0	1	0	0	4	14	6	0	5.28	-	-
LITTLE RISSINGTON ...	21-9	226	11.2	3.7	7.5	-0.4	17.4	20	-0.4	5.28	-	-	13	26	6	14	6	2	1	0	0	0	0	0	3	10	7	0	5.51	102	-
OXFORDSHIRE																															
BENSON ...	21-9	67	13.0	3.4	8.2	-	19.1	20	-3.0	8	-	-	9	-	6	14	3	2	1	0	0	1									

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)		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 LYING AT 9H HAIL ICE PELLETS, ETC. THUNDER HEARD FOG AT 9H AIR FROST GRASS FROST CONCRETE MIN. SLOWS 0 DEG C GALE												DAILY MEAN (HOURS) PERCENTAGE OF 1941-70 AVERAGE EXPOSURE	
MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	DATE	MAX.	DATE	MAX.	DATE	30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	PERCENTAGE OF 1941-70 AVERAGE	DATE	0.2 MM OR MORE	1.0 MM OR MORE	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS FROST	CONCRETE MIN. SLOWS 0 DEG C	GALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE EXPOSURE										
5 ENGLAND SE & CENTRAL S.																																							
GREATER LONDON																																							
BROMLEY	9	9	65	13.7	4.2	8.9	-0.4	18.0	18	-3.0	29	-	-	17	40	9	14	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
ENFIELD	9	9	17	13.6	5.4	9.5	-	19.0	20	0.8	29	9.2	8.4	12	12	7	14	4	4	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0					
GREENWICH	9	9	7	-	-	-	-	-	-	-	-	-	-	15	37	8	14	5	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
HAMPSTEAD	9	9	137	12.5	3.9	8.2	-0.5	17.2	19	-1.0	8	-	-	13	28	7	14	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
HAMPTON	9	9	12	13.4	4.5	8.9	-0.5	18.5	18	-1.1	8	-	-	11	29	6	14	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
HARROW WEALD	9	9	98	13.5	3.1	8.3	-	18.5	19.20	-2.0	8.9	9.2	8.5	14	-	6	14	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
HEATHROW AIRPORT	21	9	25	13.7	4.3	9.0	-0.4	19.1	19	-1.4	8	-	-	10	25	6	14	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
KENSINGTON PALACE	9	9	25	13.6	4.9	9.3	-0.5	18.4	19.20	0.3	8	9.8	9.1	15	34	7	14	5	5	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0				
KEW	21	9	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
PSYCHROMETER	21	9	6	13.3	3.5	8.4	-	18.4	18.19.20	-3.9	8	8.6	8.4	9	24	5	14	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
NORTH WALL SCREEN	-	-	-	13.4	4.8	9.1	-0.4	18.1	18.19	-2.4	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
LONDON																																							
WEATHER CENTRE (X)	21	9	77	13.6	6.0	9.8	-	18.3	18.20	-0.3	28	-	-	13	-	7	14	5	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
ST JAMES PARK	9	9	4	13.8	5.2	9.5	-0.5	18.9	18	1.4	3	-	-	14	34	8	14	5	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
SOUTHGATE	9	9	67	-	-	-	-	-	-	-	-	8.7	-	14	31	8	14	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
WADDON	9	9	59	13.1	4.5	8.8	-0.3	18.0	18	1.0	3	-	-	18	40	11	14	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
WEALDSTONE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
WILTSHIRE																																							
BOSCOMBE DOWN	21	9	126	13.0	2.8	7.9	-0.7	19.1	20	-2.5	17	-	-	7	17	3	14	6	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0				
LACOCK	9	9	49	-	-	-	-	-	-	-	-	-	-	6	13	3	13	6	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
LARKHILL	9	9	132	12.9	2.5	7.7	-0.6	19.2	20	-2.5	17	-	-	6	13	3	14	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
LYNEHAM	21	9	145	12.3	3.5	7.9	-0.4	18.4	20	-1.3	28	-	-	8	18	3	13	7	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
PORTON	9	9	110	13.1	2.4	7.7	-0.6	19.1	20	-3.5	29	7.9	-	8	17	3	13	5	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
UPAVON	21	9	179	12.6	3.2	7.9	-	18.8	20	-2.1	8	-	-	7	14	4	14	6	2	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0				
BERKSHIRE																																							
EASTHAMPEAD	9	9	77	13.2	2.3	7.7	-	18.8	20	-5.9	29	8.4	8.3	12	-	6	14	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
HURLEY	9	9	43	13.1	3.2	8.1	-	19.0	20	-3.5	29	8.5	-	13	28	7	14	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
LAMBOURN (WARREN FARM)	9	9	192	11.7	2.8	7.3	-	18.2	20	-2.3	8	8.2	-	9	-	5	14	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
READING	9	9	66	13.0	3.8	8.4	-	18.5	20	-2.8	29	8.4	8.1	10	-	5	14	6	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
SHINFIELD (N.I.R.D.)	9	9	62	13.1	3.4	8.3	-	18.2	20	-2.9	29	-	-	10	-	4	14	5	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
SURREY																																							
MERRIST WOOD	9	9	46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
MICKLEHAM	9	9	55	13.5	2.3	7.9	-0.6	18.7	18	-4.2	8.29	8.6	7.9	16	32	9	14	5	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
WISLEY	9	9	35	13.8	3.2	8.5	-0.6	19.2	18	-4.2	29	9.1	8.9	12	28	6	14	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
KENT																																							
DOVER	9	9	6	11.2	4.9	8.1	-0.8	15.6	6	0.0	4	9.4	8.6	12	27	6	13	7	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
DOVER R.M.S.	9	9	123	10.1	3.9	7.0	-	14.8	6	0.1	4	-	-	11	23	6	13	6	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
DUNGENESS	9	9	3	11.3	4.3	7.8	-	16.0	6	-1.3	8	-	-	8	20	4	13	6	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
EAST MALLING	9	9	32	12.9	3.7	8.3	-0.4	18.5	18	-2.2	4	8.8	8.4	10	23	3	13	6	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
ELMSTONE	9	9	5	12.1	2.8	7.5	-	16.3	6	-3.6	4	-	-	9	24	4	13	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
FAVERSHAM	9	9	48	11.9	3.8	7.9	-	16.9	18	-3.1	29	8.5	8.2	8	20	4	23	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
FOLKESTONE	9	9	31	11.1	3.3	7.2	-	16.0	6	-3.5	4	-	8.6	16	40	6	13	7	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
GILLINGHAM	9	9	4	12.8	4.5	8.7	-	17.7	18	0.2	29	-	-	10	25	2	13.22	6	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
GOUDHURST	9	9	85	12.8	2.8	7.8	-0.5	18.5	18	-4.4	29	-	-	8	16	3	13	5	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
HADLOW COLLEGE	9	9	30	13.0	2.9	7.9	-	18.1	19	-3.5	4	8.8	8.4	15	-	5	13	7	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
HERNE BAY	9	9	31	11.1	4.1	7.6	-	15.5	18	-1.0	4	8.8	-	6	-	4	13	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
MANSION	21	9	44	11.2	4.1	7.7	-	15.7	18	-0.6	4	-	-	9	28	5	13	5	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
MARGATE	9	9	16	10.5	5.5	8.0	-1.0	15.4	11	2.9	4	8.7	8.5	11	34	7	13	5	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
ULCOMBE	21	9	47	12.9	3.0	7.9	-	17.9	18	-2.1	3	-	-	9	-	4	13	5	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
WYE	9	9	56	11.8	3.5	7.7	-0.9	16.8	18	-2.0	4	8.4	8.0	14	32	7	23	5	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
HAMPSHIRE																																							
ALICE HOLT LODGE	9	9	115	12.8	2.6	7.7	-0.7	18.1	18	-3.5	29	-	-	16	31	9	14	5	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
EVERTON	9	9	16	12.7	3.4	8.1	-	19.4	19	-4.5	5	-	-	5	10	4	14	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
HAYLING ISLAND	9	9	4	12.6	4.9	8.7	-	20.1	19	-0.1	29	-	-	5	12	3	14	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
LECKFORD	9	9	117	13.1	2.7	7.9	-0.6	18.8	20	-2.5	29	7.6	-	11	21	5	14	6	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

APRIL 1976

DISTRICT REGION/COUNTY AND PLACE	MAX. TERMINAL HEIGHT MIN.	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C								MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL H 09 GMT)		WEATHER (NUMBER OF DAYS)										BRIGHT SUNSHINE							
			MEANS OF				HIGHEST MAXIMUM		LOWEST MINIMUM		30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1961-70 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 BELOW 0°C	FROST MIN BELOW 0°C	ORAL	DAILY MEAN (HOURS)	PERCENTAGE OF 1961-70 AVERAGE	EXPOSURE	
			MAX. (A)	MIN. (B)	DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1961-70 AVERAGE	MAX.	DATE	MIN.	DATE							0-2 MM OR MORE	1-0 MM OR MORE														
7A ENGLAND NW & I.O.M.																																
CUMBRIA																																
CARLISLE ...	21-9	26	11.2	4.7	7.9	-	17.2	20	-3.4	28	8.5	7.8	50	93	15	13	12	8	1	0	0	0	0	0	4	9	5	0	3.96	-	-	
CARTMEL ...	9 9	34	11.0	3.5	7.3	-	17.7	20	-3.7	28	-	-	50	-	16	11	9	6	0	0	0	0	0	0	5	-	0	-	-	-	-	
GRIZEDALE ...	9 9	91	11.1	2.4	6.7	-	17.5	20	-5.0	28	7.0	-	59	50	19	13	13	9	0	0	0	0	0	0	8	-	0	-	-	-	-	
HEVERSHAM ...	9 9	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MOOR HOUSE ...	9 9	556	6.7	0.2	3.5	-	12.4	20	-7.6	28	3.9	-	104	76	24	11	15	12	6	3	1	1	0	1	13	18	3	3.28	-	-	-	
NEWTON RIGG ...	9 9	171	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SELLAFIELD ...	9 9	13	11.2	4.8	8.0	-	18.5	20	-1.0	28	-	-	33	51	15	13	7	5	-	0	-	-	-	0	1	8	-	5.19	-	-	-	
LANCASHIRE																																
BAILRIGG ...	9 9	53	11.1	4.1	7.6	-	17.2	20	-3.6	28	-	-	40	-	14	13	7	5	-	0	-	-	-	0	3	13	-	5.19	-	-	-	
HELMESHORE ...	9 9	260	9.9	(2.9)	(6.4)	-	15.2	20	-2.0	28	(7.1)	-	33	34	7	6	11	8	0	0	0	0	0	0	2	4	15	0	-	-	-	-
KIRKHAM ...	9 9	24	11.1	3.9	7.5	-	17.5	20	-4.0	28	-	-	35	61	16	13	9	6	0	0	0	0	0	0	5	15	0	5.20	-	-	-	
MORECAMBE ...	9 9	7	11.6	5.2	8.4	+0.1	18.2	20	-0.2	28	-	-	41	68	13	13	8	5	0	0	0	0	0	0	1	-	0	5.10	97	-	-	
NELSON ...	9 9	165	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PRESTON ...	9 9	33	11.5	4.5	8.0	-	17.2	20	-2.1	28	-	-	31	48	14	13	10	6	0	0	0	0	0	4	10	0	-	-	-	-	-	
SLAIDBURN ...	9 9	192	10.3	2.9	6.6	-	15.0	20	-3.8	28	-	-	44	46	18	13	10	8	1	0	1	0	0	0	4	15	0	4.03	-	-	-	
SQUIRES GATE AIRPORT	21-9	10	11.6	4.4	8.0	0.0	19.0	20	-2.5	28	-	-	29	55	12	13	8	5	0	0	0	0	0	4	10	6	0	5.09	88	-	-	
STONTHURST ...	9 9	115	(11.2)	(3.5)	(7.3)	(-0.4)	17.1	20	-2.5	28	-	-	45	60	19	13	8	7	-	0	-	-	-	1	4	9	-	(4.10)	(87)	-	-	
MERSEYSIDE																																
RIGBIRTH ...	9 9	12	11.5	5.3	8.4	-	18.1	20	0.0	28	-	-	27	-	8	13	9	6	0	0	0	0	0	1	0	-	0	-	4.58	-	-	
ST HELENS ...	9 9	76	12.0	4.1	8.1	-	17.8	20	-1.7	28	8.9	-	33	-	12	13	11	7	-	-	-	-	-	-	-	-	-	-	5.13	92	-	
SOUTHPORT ...	9 9	5	11.1	4.2	7.7	-0.5	18.0	20	-2.5	28	8.6	8.0	23	45	12	13	6	4	0	0	0	0	0	3	9	-	0	-	4.75	98	-	
SPEKE AIRPORT ...	21-9	22	11.9	4.4	8.1	-0.8	19.3	20	-0.5	28	-	-	29	-	11	13	9	6	1	0	1	0	0	1	3	10	7	0	-	-	-	
WEST KIRBY PARK ...	9 9	8	12.4	4.8	8.6	-0.1	18.7	20	-1.0	28	-	-	13	27	5	1	7	3	0	0	0	0	0	-	2	6	-	0	-	-	-	
GREATER MANCHESTER																																
BOLTON ...	9 9	107	11.0	3.8	7.4	-	16.9	20	-2.0	8	7.5	7.0	22	-	9	13	7	6	0	0	0	0	0	1	2	13	-	0	4.64	101	-	
MANCHESTER																																
RINGWAY AIRPORT ...	21-9	75	11.8	4.6	8.2	-0.1	18.4	20	-0.4	28	-	-	23	43	11	13	6	5	0	0	0	0	0	1	1	4	5	0	5.08	106	-	
WEATHER CENTRE (X)	21-9	69	12.1	5.6	8.9	-	18.5	20	1.0	28	-	-	18	-	8	13	8	4	-	-	-	-	-	0	0	-	-	0	4.91	-	-	
CHESHIRE																																
KNUTSFORD ...	9 9	65	12.3	3.8	8.1	-	18.2	20	-1.5	28	8.2	7.4	21	37	8	13	7	4	0	0	0	0	0	2	3	13	-	1	-	-	-	
MACCLESFIELD ...	9 9	152	(11.2)	(3.8)	(7.5)	-0.4	18.0	20	-2.9	28	-	-	28	48	10	13	7	6	0	0	0	0	0	0	1	3	-	0	-	-	-	
NESS GARDENS ...	9 9	55	11.8	4.3	8.1	-	18.5	20	-1.4	28	8.4	-	17	38	6	1	8	4	0	0	0	0	0	0	0	15	-	0	4.38	-	-	
WINNINGTON ...	9 9	20	13.0	4.7	8.9	-0.3	18.2	20	-1.0	28	-	-	18	35	10	13	7	4	0	0	0	0	0	0	0	6	-	0	-	-	-	
ISLE OF MAN																																
DOUGLAS ...	9 9	87	10.5	5.4	7.9	+0.2	15.4	20	0.6	3	-	-	35	50	13	13	7	6	1	0	0	0	0	0	0	5	-	0	5.78	100	-	
POINT OF AYRE ...	21-9	9	11.4	5.6	8.5	+0.1	16.6	10	-0.2	3	-	-	27	54	9	13	8	5	0	0	0	0	0	0	1	-	1	0	5.66	96	-	
RONALDSWAY AIRPORT	21-9	16	10.9	5.1	8.0	+0.2	14.8	18	-1.0	3	-	-	26	50	9	13	7	5	0	0	0	0	0	0	2	5	4	0	5.69	100	-	
7B WALES N																																
GWYNEDD																																
ABER ...	9 9	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BALA ...	9 9	163	11.2	2.5	6.9	-	17.4	20	-4.5	28	7.9	7.7	37	46	12	1	1	7	6	1	0	0	0	0	1	6	131	10	0	4.27	-	
BARDSEY ISLAND ...	21-9	16	10.8	6.3	8.5	-	17.1	20	3.0	2	-	-	24	45	13	1	6	3	0	0	0	0	0	0	0	0	0	0	-	-	-	-
BOTWNOG ...	9 9	34	12.6	4.7	8.7	-	17.5	21	0.1	27	9.2	9.3	29	45	14	1	8	6	0	0	0	0	0	0	0	0	0	0	-	-	-	
CHWYSTRAILLYN ...	9 9	204	11.0	4.1	7.5	-	17.0	20	-1.0	29	-	-	63	-	15	13	10	7	-	-	-	-	-	-	-	-	-	-	-	-	-	
LLYN ALAW ...	9 9	44	11.0	4.9	7.9	-	16.0	20	-0.5	28	-	-	35	-	15	11	10	5	-	-	-	-	-	-	-	-	-	-	-	-	-	
PEN-Y-FFRIDD ...	9 9	84	11.7	4.3	8.0	-	18.4	20	-1.0	28	-	-	47	68	15	11	10	7	0	0	0	1	0	0	0	2	12	-	0	5.52	-	
TRAWSFYNOG ...	9 9	193	(11.2)	(3.2)	(7.2)	-	18.0	20	-1.5	29	-	-	54	50	18	13	9	8	-	-	-	-	-	-	-	-	-	-	-	-	-	
VALLEY ...	21-9	10	11.7	5.4	8.5	0.0																										

[illegible]

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

APRIL 1976

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							0.2 MM OR MORE	1.0 MM OR MORE															
NORTHERN IRELAND																																	
LONDONDERRY																																	
AGHANLID	9 9	18	12.1	4.8	8.5	-	-	17.5	19.20	0.9	3.23	-	-	34	7	10	9	9	-	-	-	-	-	-	-	0	7	11	-	-	-	-	
BANAGHER(CAUGH HILL) ...	9 9	216	11.3	3.0	7.1	-	-	17.0	19.20.21	-1.5	8	-	-	46	11	13	14	11	1	0	0	0	0	0	0	0	11	-	-	2	5.21	-	
CARMONEY	9 9	73	11.9	4.6	8.3	-	-	17.4	21	0.4	3	-	-	43	9	13	13	9	0	0	0	0	0	0	0	0	10	-	-	-	5.44	-	
COLERAINE UNIVERSITY ...	9 9	23	11.5	4.3	7.9	-	-	18.2	21	-1.3	3	8.6	7.6	31	6	13	15	6	0	0	0	0	0	0	0	2	9	-	-	0	5.67	107	
COOLKEERAGH	9 9	3	12.3	5.4	8.9	-	-	17.1	20	0.5	3	-	-	37	12	13	10	8	-	-	-	-	-	-	0	0	-	-	-	-	-	-	
DERRYNOYD FOREST	9 9	88	12.6	3.5	8.1	-	-	18.2	19	-2.0	28	-	-	37	49	12	13	14	8	0	0	0	0	0	0	3	13	-	-	-	-	-	
GARYVAH FOREST	9 9	88	12.1	3.1	7.6	-	-	18.3	21	-2.6	3	8.6	7.2	33	43	11	13	11	8	0	0	0	0	0	0	6	12	-	-	-	-	-	
LOUGHMORE FOREST	9 9	174	11.7	3.0	7.3	-	-	18.2	19.21	-2.7	3	-	-	51	67	11	13	14	11	3	0	0	0	0	0	7	12	-	-	-	-	-	
MONEYDIG	9 9	34	12.6	3.4	8.0	+0.2	-	18.9	21	-2.6	28	8.9	-	24	40	7	1	12	6	0	0	4	0	0	0	4	15	-	-	8	0	0	
SOMERSET FOREST	9 9	43	13.2	3.5	8.3	-	-	19.1	21	-0.9	3	-	-	30	49	7	13	14	10	0	-	0	0	0	0	2	-	-	-	-	-	-	
TRAID POINT	9 9	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ANTRIM																																	
ALDERGROVE AIRPORT ...	21-9	68	12.0	4.2	8.1	+0.2	-	16.3	19	-1.8	3	8.7	7.9	23	40	9	10	11	5	1	0	1	1	0	0	3	11	6	0	5.91	115	-	
ALTNAHINCH	9 9	226	10.5	3.0	6.7	-	-	16.0	19	-1.9	3	-	-	50	53	10	13	14	10	2	0	1	0	0	0	5	10	-	-	1	5.22	-	
BALLYLUMFORD	9 9	24	11.8	5.2	8.5	-	-	15.8	21	0.0	3	-	-	23	-	6	10	9	7	-	-	-	-	0	0	5	-	-	-	-	-	-	
BALLYMONEY	9 9	55	12.0	4.0	8.0	-	-	18.2	21	-1.6	23	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	
BALLYPATRICK FOREST ...	9 9	152	10.5	3.6	7.1	-	-	15.1	19	-1.8	3	-	-	37	46	9	13	15	10	0	0	0	0	0	2	10	-	-	0	5.98	-	-	
CARNLUGH	9 9	12	11.6	4.8	8.2	-	-	15.5	19	-1.2	3	-	-	28	-	8	10	9	7	0	-	1	0	0	1	3	6	-	-	-	-	-	
DIVIS MOUNTAIN	9 9	363	9.6	1.7	5.7	-	-	13.5	19	-3.5	3	-	-	43	57	13	13	9	7	-	-	-	-	9	-	-	-	-	-	-	-	-	
GREENMOUNT	9 9	32	12.6	3.6	8.1	-	-	17.3	19	-1.7	3	8.8	-	23	43	7	10	9	5	0	0	0	0	0	0	4	11	-	-	-	-	-	
KILROD POWER STATION ...	9 9	12	12.1	4.8	8.5	-	-	15.1	9	-1.6	3	-	-	21	-	5	10	9	6	0	-	0	0	0	0	1	8	-	-	-	-	-	
LARNE	9 9	43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LISNAFILLAN	9 9	38	12.1	3.2	7.7	-	-	17.5	19	-3.0	3	-	-	26	44	8	13	12	6	0	0	0	0	0	0	4	12	-	-	-	5.65	-	
LOWTOWN	9 9	271	10.0	3.0	6.5	-	-	14.6	19	-1.9	3	6.9	-	53	58	12	10.13	12	9	1	0	0	0	0	0	4	10	-	-	0	5.18	-	
MALLUSK(HYDE PARK) ...	9 9	140	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PARKMORE FOREST	9 9	235	10.1	2.8	6.5	-	-	14.3	21	-2.8	3	7.3	-	61	60	15	13	13	10	0	0	0	0	0	0	4	13	-	-	0	-	-	
WOODBURN NORTH	9 9	217	10.4	2.9	6.7	-	-	13.9	19	-2.0	3	-	-	30	40	9	13	11	8	0	0	0	0	0	0	4	10	-	-	-	-	-	
BELFAST																																	
MALONE	9 9	35	11.9	4.1	8.0	-	-	15.7	19	-0.7	28	8.7	-	25	-	7	10	9	7	-	-	-	-	-	2	9	-	-	-	5.96	-	-	
MILLTOWN	9 9	37	12.8	4.4	8.6	-	-	16.3	19	-0.3	28	-	-	24	-	7	10	9	6	0	0	1	0	0	0	1	8	-	-	0	-	-	
NEWTONABBAY	9 9	32	12.0	5.6	8.8	-	-	15.5	20	0.8	3	9.3	-	27	43	9	10	10	6	1	0	1	0	0	0	0	7	3	0	5.64	-	5	
ROSEBANK	9 9	47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ROSETTA	9 9	24	12.1	5.2	8.7	-	-	15.3	18	1.6	28	-	-	30	52	7	10	10	8	0	0	0	0	0	0	0	-	-	-	-	-	-	
STORMONT CASTLE	9 9	56	11.8	4.4	8.1	-	-	15.2	19	0.1	3	9.3	8.4	27	47	8	10	8	7	0	0	0	0	0	0	0	11	-	-	5.47	-	-	
DOWN																																	
BANGOR SEACOURT	9 9	15	11.5	5.7	8.6	-	-	15.4	30	1.4	3	9.2	8.8	20	-	7	10	8	5	0	0	1	0	0	1	0	-	2	0	-	-	-	
BALLYWALTER PARK	-	11	-	-	-	-	-	-	-	-	-	-	-	19	42	6	10	9	5	-	-	-	-	-	-	-	-	-	-	6.44	-	-	
BALLYWATICOCK	-	6	11.8	4.6	8.2	-	-	15.8	18	-1.6	3	-	-	15	30	5	10	8	5	0	0	1	0	0	0	2	8	-	-	0	5.62	-	-
CREIGHTONS GREEN	9 9	119	11.0	4.0	7.5	-	-	15.6	21	0.2	28	-	-	22	36	7	10	7	5	-	-	-	-	-	0	4	-	-	-	-	-	-	
DOWNPATRICK	9 9	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HELENS BAY	9 9	43	12.1	5.1	8.6	-	-	16.1	20	0.5	3	-	-	18	34	7	10	7	5	0	0	0	2	0	1	0	7	-	-	0	5.71	-	-
HILLSBOROUGH	9 9	116	11.1	2.9	7.0	-0.5	-	15.1	19	-2.2	28	8.2	7.5	25	46	7	10	12	7	1	0	0	0	0	0	4	14	-	-	0	5.87	122	-
KILKEEL	21-9	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
KILLBOUGH	21-9	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MURLOUGH	9 9	9	12.2	3.6	7.9	-	-	15.0	19	-2.3	3	8.2	7.9	18	-	5	11	10	6	0	0	1	1	0	0	3	11	-	-	0	5.43	-	-
ARMAGH																																	
ARMAGH	9 9	62	13.0	4.4	8.7	+0.4	-	17.2	16	-0.9	2	10.1	9.2	17	30	7	10	10	4	0	0	0	0	0	0	2	10	-	-	0	4.97	102	-
LOUGHGALL	9 9	25	12.3	4.0	8.1	-	-	17.3	19	-2.0	24	-	-	20	37	7	10	9	6	0	0	0	0	0	0	5	14	-	-	0	5.58	-	-
LURGAN	9 9	55	12.8	4.5	8.7	-	-	16.7	19	0.3	3	9.1	8.2	15	30	7	10	9	3	0	-	0	0	0	0	0	15	-	-	-	5.35	-	-
PORTADOWN	9 9	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TANDRAGEE	9 9	43	13.9	4.0	8.9	-	-	19.0	19	-1.0	23	-	-	14	-	7	10	7	4	-	-	-	-	-	-	3	-	-	-	-	-	-	
TYRONE																																	
CARRIGANS	21-9	113	12.5	4.2	8.3	-	-	17.7	21	-0.9	3	-	-	37	56	10	10	14	9	1	0	3	1	0	0	3	10	4	0	4.93	-	-	
COOKSTOWN	9 9	77	12.0	3.6	7.8	-	-	16.3	19	-1.3	3	8.6	-	27	42	6	10	13	6	2	0	0	0	0	0	4	12	-	-	-	5.53	-	-
LOUGH BRADAN	9 9	169	11.4	2.5	6.9	-	-	17.0	21	-2.1	3	-	-	61	74	11	10	15	12	-	0	0	0	0	0	9	14	-	-	-	5.29	-	-
POMEROY FOREST	9 9	174	11.2	3.7	7.5	-	-	15.3	16	-0.6	3	-	-	36	50	9	10	13	8	0	0	0	0	0	0	2	12	-	-	-	-	-	
STRABANE CONVENT	9 9	44	13.0	4.5	8.7	-	-	19.2	21	0.4	3	-	-	44	78	8	10	15	12														

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

APRIL 1976

STATION	HEIGHT OF BAROMETER ABOVE MSL (METRES)	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT						VISIBILITY						WIND SPEED AND DIRECTION																							
			AT MSL (MB)	DIFFERENCE FROM 1941-70 AVERAGE	DRY BULB DEGREES C	DEPRESSION OF WET BULB DEGREES C	WET BULB DEGREES C	VAPOUR PRESSURE (MB)	RELATIVE HUMIDITY (%)	OKTAS						0 - 39M	40 - 190M	200 - 390M	400 - 990M	1000 - 1900M	2000 - 3900M	4 - 9KM	10 - 19KM	20 - 39KM	40KM AND OVER	BEAUFORT FORCE						N	NE	E	SE	S	SW	W	NW					
										MEAN	0	1 - 2	3 - 5	6 - 7	8											SKY OBSCURED	SPEED (KT)																	
																											34 OR MORE	22-33	11-21	1-10	0													
																																								8 OR MORE	6-7	4-5	1-3	CALM
NUMBER OF OBSERVATIONS																																												
0 SCOTLAND N SHETLAND																																												
LERWICK	83	3	1016.6	-	4.2	-	7.2	-	6.6	0	3	3	6	17	1	0	1	0	0	0	2	6	10	9	2	0	7	14	9	0	7	3	0	0	5	2	8	5						
		9	1017.2	+ 6.2	-	-	-	-	6.7	0	1	4	15	9	1	0	0	1	0	0	0	1	5	9	11	4	1	7	16	8	1	6	4	0	0	1	3	3						
		15	1018.0	-	6.4	-1.9	7.3	-7.4	6.5	0	3	2	15	10	0	0	0	0	0	0	1	5	5	7	13	4	1	6	16	7	1	6	4	0	0	1	3	3						
		21	1018.1	-	4.8	-	7.3	-	6.7	0	3	2	10	13	2	0	0	1	0	0	1	4	3	6	12	3	0	4	14	9	3	6	2	0	0	5	4	5						
ORKNEY																																												
KIRKWALL	26	3	1017.9	-	5.6	0.8	8.0	87	6.6	0	2	3	13	11	1	0	0	0	1	0	1	3	6	17	2	0	5	16	10	1	4	4	1	1	0	3	6	4						
		9	1018.7	+ 7.1	6.7	1.2	8.1	81	6.2	0	4	3	15	8	0	0	0	0	1	1	5	8	10	5	0	0	6	16	8	0	6	3	2	2	1	4	4							
		15	1019.0	-	8.3	1.7	8.5	77	6.0	0	2	6	18	4	0	0	0	0	0	0	0	1	7	16	6	0	4	15	11	0	6	3	2	2	1	4	2							
		21	1019.2	-	5.7	0.8	8.1	87	6.1	0	4	3	13	10	0	0	0	0	0	1	0	2	2	8	13	4	0	2	13	14	1	3	2	3	4	3	7							
WESTERN ISLES																																												
BENBECULA	7	3	1019.5	-	6.0	0.5	8.7	92	5.2	4	4	4	7	11	0	0	0	0	0	1	2	1	6	13	7	0	4	8	16	2	5	2	4	1	5	4	7	0						
		9	1020.1	+ 8.1	8.2	1.0	9.4	86	5.1	2	5	7	8	6	2	0	1	0	1	0	1	2	6	10	9	0	1	14	15	0	2	3	5	3	1	9	5							
		15	1020.2	-	9.6	1.5	9.7	81	5.4	1	6	4	10	9	0	0	0	0	0	2	0	4	5	10	9	0	2	18	10	0	2	5	3	0	2	7	5							
		21	1020.2	-	7.2	0.6	9.4	91	4.9	3	9	0	9	9	0	0	0	0	0	1	1	5	4	10	9	0	2	12	15	1	4	6	3	0	5	5	3							
STORNOWAY	5	3	1019.0	-	5.4	0.4	8.5	93	4.7	5	6	3	4	12	0	0	0	0	0	0	0	4	6	16	4	0	4	7	18	1	3	2	4	0	3	4	9	4						
		9	1019.7	+ 7.9	7.5	1.0	9.0	86	5.5	1	6	4	11	8	0	0	0	0	0	0	0	6	5	11	8	0	3	11	15	1	3	5	2	0	5	2	10	2						
		15	1019.9	-	8.8	1.4	9.2	81	5.8	0	4	6	12	8	0	0	0	0	0	1	1	4	18	6	0	3	16	11	0	2	8	1	1	4	4	7	3							
		21	1019.9	-	6.7	0.6	9.0	90	5.0	3	6	5	7	9	0	0	0	0	0	0	0	6	4	18	2	0	1	14	15	0	6	4	3	0	4	7	4							
HIGHLAND																																												
CAPE WRATH	113	3	1017.8	-	5.7	0.6	8.4	91	6.2	0	4	6	6	11	3	0	2	1	0	0	0	0	2	14	11	1	3	10	16	0	1	5	6	1	2	7	4							
		9	1018.5	-	6.5	0.7	8.8	90	6.4	1	3	2	10	11	3	0	1	2	0	0	0	0	2	13	10	2	2	10	16	0	1	4	4	0	4	8	6							
		15	1019.0	-	7.1	0.5	9.3	92	6.2	0	4	5	7	12	2	0	1	1	0	0	0	0	3	5	17	3	0	3	13	14	0	3	7	0	4	0	8	1						
		21	1018.9	-	6.3	0.5	8.9	92	5.8	0	6	3	9	10	2	0	2	0	0	0	0	3	3	15	7	0	4	11	15	0	4	3	5	1	1	8	5							
WICK	37	3	1018.6	-	5.3	0.8	7.8	87	6.1	1	3	2	19	5	0	0	0	0	0	0	0	2	6	17	5	1	0	11	18	0	6	2	3	1	5	5	6							
		9	1019.2	+ 7.3	6.8	1.1	8.3	83	6.6	0	2	3	16	8	1	0	1	0	0	0	1	2	3	13	10	0	3	14	13	0	4	4	1	3	2	4	9							
		15	1019.5	-	8.6	1.8	8.5	75	6.0	0	4	2	22	2	0	0	0	0	0	0	1	4	10	15	0	2	17	11	0	4	3	4	2	3	2	6	6							
		21	1019.8	-	6.0	0.9	8.1	86	6.3	0	2	5	16	7	0	0	0	0	0	0	2	2	4	16	6	1	0	11	16	2	3	3	1	5	4	6								
1 SCOTLAND E GRAMPIAN																																												
DYCE	59	3	1019.6	-	7.4	0.9	7.4	85	5.5	1	6	3	9	10	1	0	0	0	1	0	1	5	4	9	9	0	1	8	15	6	6	0	0	5	2	6								
		9	1020.3	+ 7.5	7.3	1.9	7.6	74	6.6	0	2	2	18	8	0	0	0	0	0	0	0	4	12	10	0	0	1	16	9	4	7	1	1	0	5	4								
		15	1020.1	-	10.4	2.8	8.3	65	6.4	1	1	3	19	6	0	0	0	0	0	0	0	2	5	8	15	0	0	14	16	0	6	2	3	4	4	2								
		21	1020.8	-	6.5	1.3	7.9	81	6.1	1	3	5	9	12	0	0	0	0	0	2	5	12	6	0	0	0	7	19	4	6	0	0	1	6	4									
FRASERBURGH	22	3	1019.4	-	5.9	1.0	8.0	85	5.8	0	7	3	6	14	0	0	0	0	0	0	1	4	25	0	1	1	14	14	0	2	3	0	3	3	5	8								
		9	1020.2	+ 7.7	7.0	1.4	8.0	80	6.5	0	1	6	12	11	0	0	0	0	0	0	0	4	26	0	1	1	14	14	0	4	4	2	0	3	4	10								
		15	1020.2	-	8.1	1.5	8.7	80	6.0	1	2	7	9	11	0	0	0	0	0	0	1	0	3	26	0	0	2	11	17	0	3	2	5	2	3	1	7							
		21	1020.7	-	7.0	1.2	8.3	83	6.1	1	4	3	8	14	0	0	0	0	0	0	0	6	24	0	0	2	7	21	0	5	1	3	5	4	7									
KINLOSS	6	3	1019.5	-	5.6	1.0	7.8	85	7.0	0	1	0	19	9	1	0	0	1	0	0	4	6	6	13	1	1	10	18	0	1	2	2	0	5	13	4								
		9	1020.3	+ 7.8	7.4	1.5	8.2	78	6.5	0	3	1	20	6	0	0	0	0	1	0	1	4	1	10	13	0	3	12	13	2	5	1	1	1	11	5								
		15	1020.3	-	9.8	2.2	8.8	71	6.2	0	3	3	20	4	0	0	0	0	0	0	3	5	8	14	0	3	15	13	0	9	4	0	2	4	8									
		21	1020.5	-	6.8	1.2	8.2	83	6.1	1	3	2	19	5	0	0	0	0	0	1	4	4	9	12	1	0	9	18	2	2	7	1	2	4	7									
LOSSIEMOUTH	6	3	1019.2	-	5.4	1.0	7.7	85	6.7	1	0	3	16	9	1	0	0	1	0	1	3	3	8	13	1	3	9	15	2	5	1	1	1	3	10	5								
		9	1020.0	-	7.4	1.7	7.9	75	6.5	0	1	3	23	3	0	0	0	1	0	0	3	1	15	10	0	2	16	12	0	4	2	1	0	2	7	10								
		15	1020.1	-	9.2	2.2	8.4	71	6.2	0	3	3	20	4	0	0	0	0	0	1	1	6	7	14	0	3	11	16	0	6	5	2	1	0	4	10								
		21	1020.4	-	6.9	1.3	8.1	81	6.2	1	3	1	17	8	0	0	0	0	0	0	1	5	5	7	12	0	0	12	17	1	5	2	2	3	2	8								
TAYSIDE																																												
USAN	35	9	1021.1	-	7.1	0.9	8.8	86	5.8	0	5	4	12	9	0	0	1	0	0	0	2	3	6	18	0	5	15	7	3	8	4	0	0	3	5	6								
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
		21	1021.4	-	7.0	0.7	9.2	91	5.5	1	3	8	10	7	1	0	0	1	0	0	1	0	2	-	24	0	2	11	12	5	7	2	2	0	7	1								
FIFE																																												
LEUCHARS	12	3	1020.3	-	4.9	1.0	7.5	85	5.5	1	7	3	8	10	1	0	0	1	0	0	1	2	7	11	8	0	2	8	17	3	2	5	1	0	0	11	7							
		9	1021.1	+ 7.9	7.4	1.7	7.8	75	6.5	0	2	4	17	7	0	0	0	0	0	1	0	3	3	15	8	0	0	18	11	1	3	5	0	2	5	8								
		15	1020.7	-	10.1	3.0	7.8	63	5.1	1	5	7	13	4	0	0	0	0	0	0	0	3	13	14	0	2	21	7	0	1	3	9	2	2	10	1								
		21	1021.3	-	7.1	1.4	8.2	81	5.7	1	2	8	16	2	1	0	0	1	0	0	1	0	6	13	9	0	1	10	19	0	2	6	6	1	1	5	9							
LOTHIAN																																												
TURNHOUSE	44	3	1020.3	-	5.3	0.8	7.9	87	6.3	0	2	5	9	13	0	0	0	0	0	1	3	11	12	3	0	1	8	18	3	1	5	3	0	1	5									

[illegible]

[illegible]

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

APRIL 1976

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 - 30M	40 - 100M	200 - 300M	400 - 900M	1000 - 1900M	2000 - 3900M	4 - 9KM	10 - 19KM	20 - 39KM	40KM AND OVER	BEAUFORT FORCE						N	NE	E	SE	S	SW	W	NW																																															
									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. HAMPSHIRE																																																																																					
SOUTHAMPTON WEATHER CENTRE (X)	9	1021.0	-	5.8	1.0	7.8	84	3.1	13	3	3	6	3	2	0	3	0	0	0	0	4	7	15	0	0	0	0	28	2	6	11	0	0	0	0	4	4	1																																															
	15	1021.6	-	8.8	2.1	8.2	72	5.0	3	6	3	11	6	1	0	0	1	0	0	4	5	8	12	0	0	0	2	27	1	4	9	2	1	0	0	2	2	2																																															
	21	1020.2	-	13.0	4.0	8.3	55	4.8	2	6	6	10	6	0	0	0	0	0	0	6	10	14	0	0	0	0	7	23	0	5	9	1	0	0	0	3	3	2																																															
	21	1021.3	-	8.7	2.1	8.1	72	3.5	8	6	5	8	3	0	0	0	0	0	0	2	6	7	15	0	0	0	1	28	1	5	9	1	0	0	0	4	3	0																																															
WEST SUSSEX																																																																																					
OATWICK	60	1021.0	-	4.1	0.6	7.4	90	4.5	8	3	2	10	7	0	0	0	0	3	1	3	9	8	6	0	0	0	3	21	6	8	6	0	0	0	0	2	4	2																																															
	9	1021.5	+5.3	8.4	1.9	8.2	73	4.6	2	7	5	14	1	1	0	0	1	0	2	6	11	8	2	0	0	0	10	20	0	7	9	2	0	0	0	10	0	2																																															
	15	1020.2	-	12.3	4.1	7.8	54	5.1	1	5	7	13	4	0	0	0	0	0	0	4	10	11	5	0	0	0	17	13	0	4	11	2	0	0	3	3	2	5																																															
	21	1021.4	-	6.9	1.6	7.6	76	3.8	5	7	6	9	3	0	0	0	0	0	1	11	7	10	1	0	0	0	7	21	2	6	8	1	0	0	4	5	2	2																																															
THORNEY ISLAND	5	1021.2	-	5.2	0.8	7.9	88	4.0	9	5	1	5	8	2	0	2	0	0	2	0	3	8	15	0	0	0	9	17	4	8	7	0	0	1	2	2	6	1																																															
	9	1021.9	+5.6	6.7	1.7	8.7	76	4.6	3	7	3	12	4	1	0	1	0	0	0	2	5	9	4	0	0	0	14	16	0	6	11	1	1	3	3	4	1	1																																															
	15	1020.6	-	11.8	3.2	8.7	63	4.6	1	9	6	10	4	0	0	0	0	0	0	3	8	10	7	0	0	0	20	10	0	3	5	4	0	12	2	2	2	2																																															
	21	1021.7	-	7.1	1.4	8.1	79	2.9	7	12	3	4	3	1	0	1	0	0	0	2	4	9	13	1	0	0	10	16	4	7	7	2	0	0	2	4	2	2																																															
7A ENGLAND NW & I.O.M. CUMBRIA																																																																																					
CARLISLE	28	1021.0	-	5.6	0.7	8.2	89	6.1	3	1	2	13	11	0	0	0	0	0	0	1	3	17	8	1	0	2	6	21	1	1	7	6	1	2	5	6	1																																																
	9	1021.7	+7.1	7.7	1.4	8.5	80	6.5	0	1	4	19	6	0	0	0	0	0	0	4	7	17	2	0	0	14	16	0	1	8	5	0	1	4	9	2	1																																																
	15	1021.2	-	10.4	2.6	8.6	68	6.3	1	1	4	15	9	0	0	0	0	0	0	2	8	8	12	0	0	17	13	0	2	6	4	2	1	1	13	1	1																																																
	21	1021.9	-	7.4	1.3	8.4	81	5.9	1	5	3	10	11	0	0	0	0	0	0	2	11	17	0	0	1	17	2	1	4	8	1	0	7	7	7	0	0																																																
LANCASHIRE																																																																																					
SQUIRES GATE	11	1021.6	-	5.5	0.7	8.2	89	5.0	9	1	1	8	11	0	0	0	0	0	1	0	3	10	14	2	0	0	10	18	2	3	4	4	3	3	2	7	2	2																																															
	9	1022.3	+7.3	8.5	1.5	8.9	80	6.0	0	3	6	15	6	0	0	0	0	0	0	1	7	5	16	1	0	1	14	15	0	2	4	7	0	4	2	8	3	6																																															
	15	1021.8	-	10.5	2.3	9.1	72	5.7	2	2	6	15	5	0	0	0	0	0	0	0	10	16	4	0	0	18	12	0	1	3	7	0	0	2	4	7	6	3																																															
	21	1022.3	-	7.1	1.0	8.7	86	4.9	3	7	3	11	6	0	0	0	0	0	0	0	7	11	11	1	0	9	19	2	5	5	5	0	2	1	8	2	2																																																
MERSEYSIDE																																																																																					
SPEKE	24	1021.5	-	5.7	0.8	8.2	88	4.7	4	8	2	6	9	1	0	1	0	0	0	8	10	9	2	0	2	3	22	3	3	4	2	2	4	2	5	5	5	5																																															
	9	1022.1	+6.8	8.3	1.5	8.7	79	5.0	0	3	7	11	9	0	0	0	1	0	0	9	7	11	2	0	0	6	24	0	1	6	5	1	3	3	6	5	5	5																																															
	15	1021.4	-	11.0	2.8	8.7	66	5.9	0	4	5	14	7	0	0	0	0	0	0	3	9	11	7	0	1	9	20	0	2	3	6	1	2	2	4	10	4	10																																															
	21	1022.1	-	7.7	1.3	8.6	81	4.4	3	8	5	8	6	0	0	0	0	0	1	5	15	8	1	0	0	5	24	1	4	6	5	0	0	3	3	8	8																																																
GREATER MANCHESTER																																																																																					
MANCHESTER WEATHER CENTRE (X)	42	1021.0	-	5.6	0.7	8.2	89	6.1	3	1	2	13	11	0	0	0	0	0	0	1	3	17	8	1	0	2	6	21	1	1	7	6	1	2	5	6	1																																																
	9	1021.7	+7.1	7.7	1.4	8.5	80	6.5	0	1	4	19	6	0	0	0	0	0	0	4	7	17	2	0	0	14	16	0	1	8	5	0	1	4	9	2	1																																																
	15	1021.2	-	10.4	2.6	8.6	68	6.3	1	1	4	15	9	0	0	0	0	0	0	2	8	8	12	0	0	17	13	0	2	6	4	2	1	1	13	1	1																																																
	21	1021.9	-	7.4	1.3	8.4	81	5.9	1	5	3	10	11	0	0	0	0	0	0	2	11	17	0	0	1	17	2	1	4	8	1	0	7	7	7	0	0																																																
RINGWAY	84	1021.5	-	5.8	1.1	7.8	83	5.7	2	6	0	9	12	1	0	0	0	1	0	5	6	6	12	0	0	6	23	1	6	4	2	0	8	5	2	2	2	2																																															
	9	1022.0	+6.8	7.8	1.9	7.8	73	5.9	0	6	2	15	6</																																																																								

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	3	24	3	0	0	0	0	0	0	0	4	17	9	0	0	CAMBRIDGE BOTANIC GARDENS	0	0	4	22	4	0	0	0	0	0	0	0	3	15	12	0	0
LERNICK (SCREEN)	0	2	26	2	0	0	0	0	0	0	0	6	18	6	0	0	EDOBASTON	0	0	11	16	3	0	0	0	0	0	0	0	0	18	11	1	0
STORNOWAY	0	0	18	12	0	0	0	0	0	0	0	2	15	13	0	0	KEM (PSYCHROMETER)	0	0	2	21	7	0	0	0	0	0	0	3	14	13	0	0	
CRAIBSTONE	0	0	11	15	4	0	0	0	0	0	0	6	17	6	1	0	KEM (NORTH-WALL SCREEN)	0	0	2	21	7	0	0	0	0	0	0	2	12	16	0	0	
ROTHESAY	0	0	8	20	2	0	0	0	0	0	0	0	14	16	0	0	HASTINGS	0	0	7	17	6	0	0	0	0	0	0	1	15	14	0	0	
ABBOTSINCH	0	0	7	19	4	0	0	0	0	0	0	5	9	16	0	0	SOUTHAMPTON	0	0	2	20	6	2	0	0	0	0	0	0	0	18	12	0	0
ESKDALEMUIR (PSYCHROMETER)	0	1	16	11	2	0	0	0	0	2	3	20	5	0	0	0	STONYHURST	0	0	12	17	1	0	0	0	0	0	5	19	6	0	0		
ESKDALEMUIR (SCREEN)	0	1	16	11	2	0	0	0	0	0	2	3	19	6	0	0	VALLEY	0	0	7	19	4	0	0	0	0	0	0	13	17	0	0		
DOUGLAS	0	0	16	13	1	0	0	0	0	0	0	10	20	0	0	0	RHOOSE	0	0	5	20	5	0	0	0	0	0	0	3	14	13	0	0	
BOULNER	0	1	16	11	2	0	0	0	0	0	0	3	13	14	0	0	FALMOUTH	0	0	5	23	2	0	0	0	0	0	0	0	16	13	1	0	
HULL	0	0	8	19	3	0	0	0	0	0	0	3	13	14	0	0	ALDERGROVE	0	0	6	21	3	0	0	0	0	0	3	13	14	0	0		
DORLESTON	0	0	15	15	0	0	0	0	0	0	0	1	14	15	0	0	ARMAGH	0	0	4	20	6	0	0	0	0	0	2	14	14	0	0		

APRIL 1976

DISTRICT REGION/COUNTY AND PLACE		HEIGHT OF VANE IN METRES		DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED										HIGHEST VALUES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
		ABOVE HSL	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		FROM N	SPEED-KT	DAY	HOUR BEGINNING			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							
			34 KT OR MORE (GALE FORCE)					22-33 KT		11-21 KT		4-10 KT		LESS THAN 4 KT		HIGHEST VALUES				
			ABOVE MSL	ABOVE GROUND	DATES OF OCCURRENCE	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF HOURS	HOURS OF NO RECORD	MEAN HOURLY WIND SPEED (KT)	YEAR FROM N	SPEED-KT	DAY	HOUR BEGINNING	YEAR FROM N	SPEED-KT	DAY	TIME	
CONTINUATION OF DISTRICT 3 EAST ANGLIA																				
SUFFOLK	WYTON	45 10 10		0 4	6 332	282 100	0	10.0	290	23	6 12	040	36	23	1724					
	HONINGTON	60 13 13		0 1	2 266	381 71	0	9.2	290	23	6 07	290	36	6	0736					
BEDFORDSHIRE	WATTISHAM	105 17 10		0 3	10 316	301 93	0	10.0	020	23	24 15	040	38	23	1624					
	BEDFORD	94 13 9		0 2	5 310	308 93	4	9.9	050	23	23 09	040	31	23	1354					
HERTFORDSHIRE	CARDINGTON	70 41 41		0 4	8 415	215 82	0	11.3	050	23	22 13	040	37	23	1012					
	GARSTON	94 15 10		0 0	0 68	516 136	0	6.3	290	16	14 16	030	33	23	0912					
ESSEX	ROTHAMSTED	141 13 10		0 0	0 142	330 248	0	6.2	030	16	23 08	020	34	23	0754					
	SHOEBURYNNESS	17 14 12		0 0	0 288	377 55	0	9.5	050	21	23 11	040	40	23	1618					
	STANSTED	108 10 10		0 0	0 277	346 97	0	9.0	320	20	6 10	030	35	23	1048					
4 MIDLAND COUNTIES																				
SOUTH YORKSHIRE	FINNINGLEY	19 10 10		0 1	5 236	371 108	0	8.5	270	23	6 02	290	40	6	0742					
	SHEFFIELD																			
NOTTINGHAMSHIRE	UNIVERSITY	146 29 15		0 2	6 254	321 139	0	8.7	290	26	6 09	280	52	6	0918					
	WATNALL	130 13 10		0 0	0 302	330 88	0	9.2	050	21	22 15	300	37	6	1130					
STAFFORDSHIRE	KEELE	215 15 10		0 0	0 70	369 281	0	5.1	300	19	6 13	320	39	6	0918					
LEICESTERSHIRE	COTTESMORE	143 13 13	DEFECTIVE RECORD																	
SALOP	SHAWBURY	84 12 10		0 1	2 191	394 133	0	7.9	330	23	14 10	330	37	14	1024					
WEST MIDLANDS	BIRMINGHAM																			
	EDGBASTON	196 36 22		0 0	0 117	405 198	0	6.8	340	21	14 15	330	36	6	1606					
HEREFORD & WORCS	ELMDON AIRPORT	104 10 10		0 2	4 238	357 121	0	8.7	300	25	14 09	300	41	14	0918					
	PERSHORE	47 10 10		0 1	2 255	312 151	0	8.3	330	23	14 12	330	38	14	1530					
GLOUCESTERSHIRE	FAIRFORD	88 10 10		0 0	0 318	285 117	0	9.3	040	20	23 11	050	33	23	1218					
OXFORDSHIRE	LITTLE RISSINGTON	237 12 12		0 0	0 358	333 28	1	10.5	040	21	22 17	040	35	23	1236					
	BENSON	67 10 10		0 0	0 244	311 165	0	8.1	040	18	23 11	040	37	23	1124					
	BRIZE NORTON	91 13 10		0 0	0 286	341 93	0	9.0	040	21	23 12	040	35	23	1206					
5 ENGLAND SOUTHEAST & CENTRAL SOUTHERN																				
GREATER LONDON	HAMPTON	42 31 30		0 0	0 97	377 246	0	5.8	030	17	20 16	030	33	20	1630					
	HEATHROW AIRPORT	34 10 10		0 0	0 296	353 71	0	9.4	050	19	24 14	050	33	24	1436					
WILTSHIRE	KEW	28 23 15		0 0	0 256	307 157	0	8.2	030	20	23 11	040	35	23	1506					
	LONDON WEATHER CENTRE	93 70 38		0 0	0 409	279 32	0	11.3	030	21	23 11	030	43	23	1136					
KENT	POST OFFICE TOWER	174	DEFECTIVE RECORD																	
	BOSCOMBE DOWN	130 17 17		0 0	0 313	309 98	0	9.5	340	20	14 12	050	34	23	1312					
HAMPSHIRE	LARKHILL	145 13 10		0 5	16 364	253 87	0	10.9	030	24	23 12	030	46	23	1236					
	PORTON	120 10 10		0 0	0 332	274 114	0	9.5	030	20	15 13	030	36	23	1236					
WEST SUSSEX	DUNGENESS	16 10 10		0 4	26 397	243 54	0	11.9	030	26	24 16	060	42	23	1424					
	ISLE OF GRAIN	15 12 10		0 1	2 298	299 121	0	8.9	050	23	23 09	050	40	23	0924					
LANCASHIRE	MANSTON	62 18 18		0 5	33 365	293 29	0	11.7	010	26	24 19	010	36	24	1948					
	CALSHOT	15 13 10		0 1	2 313	310 89	6	9.5	320	23	14 11	320	41	14	1148					
MERSEYSIDE	FARNBOROUGH	75 10 10		0 0	0 152	390 176	2	7.0	050	16	23 09	020	31	23	1600					
	MIDDLE WALLOP	94 10 10		0 0	0 310	306 102	2	9.3	330	20	14 12	330	39	14	1130					
CUMBRIA	GATWICK AIRPORT	69 10 10		0 0	0 226	341 153	0	7.9	050	19	19 15	040	35	23	1106					
	THORNEY ISLAND	16 10 10		0 1	1 271	322 126	0	8.9	030	22	23 09	060	35	23	1200					
7A ENGLAND NORTHWEST AND ISLE OF MAN																				
LANCASHIRE	CARLISLE	41 13 9		0 3	13 265	351 91	0	9.3	270	26	6 00	260	44	5	1748					
	GREAT DUN FELL	857 10 10	3-6 10 11 13-15 22 24 25 27	90 20	217 251	144 18	0	20.2	260	56	6 00	270	72	6	0206					
MERSEYSIDE	MOOR HOUSE	595 13 12	DEFECTIVE RECORD																	
	SELLAFIELD	25 12 11		0 0	0 105	405 210	0	6.1	190	18	3 12	300	28	6	0918					
GREATER MANCHESTER	FLEETWOOD	34 15 9		0 4	17 241	375 87	0	9.2		29	14 00		41	14	0200					
	SQUIRES GATE AIRPORT	22 12 11		0 2	6 275	384 55	0	9.5	260	23	6 02	290	40	14	0048					
ISLE OF MAN	ROXBURGH	38 23 11		0 4	15 186	394 112	13	8.6	290	26	6 00	330	41	14	0918					
	SPEKE AIRPORT	30 10 10		0 2	13 158	393 156	0	7.7	290	23	6 05	310	42	14	0030					
WYFED	MANCHESTER																			
	RINGWAY AIRPORT	80 10 10		0 1	1 251	336 132	0	8.6	310	22	6 11	280	37	6	0412					
CHANNEL ISLANDS	WEATHER CENTRE	82 45 17		0 0	0 207	395 118	0	8.2	280	20	5 23	090	36	22	1818					
	POINT OF AYRE	20 10 10		0 5	28 330	328 31	3	11.2	290	31	6 06	280	45	6	0554					
NORTHERN IRELAND	RONALDSWAY	25 10 10		0 7	33 311	305 71	0	10.6	330	30	14 14	330	45	14	1454					
7B WALES NORTH																				
GWYNEDD	VALLEY	26 16 12		0 5	45 302	304 69	0	10.8	330	29	14 11	330	43	14	1006					
8A WALES SOUTH																				
DYFED	ABERPORTH	144 10 10		0 4	30 270	337 83	0	10.0	330	32	14 11	330	43	14	1048					
	BRAWDY	121 10 10	14	5 2	25 287	328 75	0	10.3	350	34	14 13	350	47	14	1406					
WEST GLAMORGAN	MILFORD HAVEN	47 10 10		0 2	7 212	392 109	0	8.6	360	25	14 13	010	44	14	1554					
	PORT TALBOT	28 12 11		0 3	14 163	329 214	0	7.1	330	28	14 14	330	49	14	1418					
MID GLAMORGAN	CILFYNYDD	210 16 16		0 0	0 224	313 183	0	7.7	010	19	14 18	290	35	13	1936					
SOUTH GLAMORGAN	RHOOSE AIRPORT	74 10 10		0 0	0 289	300 131	0	8.7	260	19	13 19	320	33	14	1112					
8B ENGLAND SOUTHWEST																				
AVON	AVONMOUTH	28 19 10		0 1	8 320	286 106	0	9.6	020	24	14 22	350	40	14	1648					
	DORSET	23 13 11		0 0	0 264	339 117	0	8.7	330	21	14 13	040	36	23	1448					
DEVON	PORTLAND BILL CG	60 13 13		0 2	21 293	303 59	44	10.3		28	14 02		41	14	0230					
	MOUNT BATTEN	64 13 13		0 2	11 240	311 158	0	8.6	360	31	14 17	350	58	14	1706					
CORNWALL	LIZARD	96 23 18	14	8 12	91 422	174 14	11	14.6	350	36	14 11	330	50	14	0806					
	ST MAWGAN	120 13 13		0 2	23 184	437 76	0	9.0	330	27	14 19	330	43	14	1924					
	SCILLY (ST. MARY'S)	70 20 17		0 3	30 349	234 107	0	10.5	340	32	14 11	340	45	14	2230					
CHANNEL ISLANDS																				
NORTHERN IRELAND	GUERNSEY AIRPORT	111 11 10		0 0	0 393	302 25	0	11.2	060	21	22 21	060	37	22	2012					
	JERSEY AIRPORT	98 18 12		0 5	28 390	245 57	0	11.9	340	27	14 14	340	38	14	1500					
LONDONDERRY																				
ANTRIM	COLERAINE UNIVERSITY	33 10 10	DEFECTIVE RECORD																	
	ALDERGROVE	80 10 10		0 1	4 236	394 86	0	8.8	330	25	14 11	290	41	14	0254					
DOWN	BALLYPATRICK FOREST	166 13 13		0 6	49 298	290 83	0	10.9	280	29	6 00	290	45	6	0224					
	BELFAST HARBOUR	21 18 18	DEFECTIVE RECORD																	
TYRONE	KILKEEL	36 19 14		0 5	23 347	249 101	0	10.4		32	14 11		49	14	1136					
	CARRIGANS	129 10 10		0 0	0 146	326 241	7	6.7	340	20	14 11	220	39	3	1330					
FERMANAGH	CASTLE ARCHDALE FOREST	80 13 13		0 0	0 30	289 591	10	4.1	200	19	10 20	200	32	10	2000					

TABLE 3 ADDITIONS AND CORRECTIONS

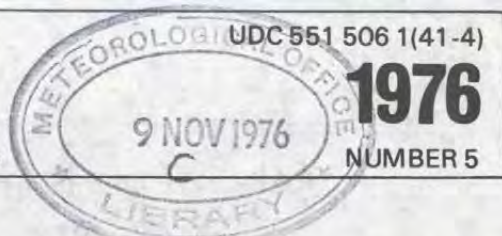
			AIR TEMPERATURE IN DEGREES C								MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL H 09 GMT)		WEATHER (NUMBER OF DAYS)												BRIGHT SUNSHINE			
YEAR	MONTH	STATION	MEANS OF		DAILY MEAN (MEAN OF A+B) (DIFFERENCE FROM 1941-70 AVERAGE)	HIGHEST MAXIMUM		LOWEST MINIMUM		30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY		PRECIP- ITATION		SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS MIN. BELOW 0 DEG C	CONCRETE MIN. BELOW 0 DEG C	GALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE
			MAX. (A)	MIN. (B)		MAX.	DATE	MIN.	DATE					AMOUNT (MM)	DATE	0.2 MM OR MORE	1.0 MM OR MORE													
1975	MARCH	BIRMINGHAM KES										90	173																	
1975	APRIL	MONKS WOOD	12.5	4.3	8.4	20.1	24	-2.5	9	7.9	7.0	71	192	17	18	18	14	4	2	1	0	1	1	6	7		0	3.74		
	APRIL	BOLTON		4.2	7.8																									
		ROGATE										74																		
1975	MAY	COATBRIDGE	14.5	3.6	9.1	19.0	19.20	-1.5	15			28	47	10	12	6	5							2			0	5.10		
		MONKS WOOD	13.5	5.3	9.4	20.5	20	-0.4	31	11.0	9.7	61	122	22	17	10	8	0	0	0	0	0	0	1	7		0			
		CARMARTHEN	16.0																											
	JUNE	COATBRIDGE	19.0	8.5	13.7	26.6	8	1.0	1			40	66	15	4	11	7							0			0	8.55		
		MONKS WOOD	19.9	7.6	13.7	26.1	12	0.9	1	15.1	12.2	20	40	6	16	7	7	1	0	0	0	0	0	0	0		0			
		PLUMPTON										31	49																	
	JULY	WINFRITH	21.5		15.2							61	82	11	15	15	12							0			0	7.35		
		COATBRIDGE	19.1	11.1	15.1	25.5	6	5.5	25			61	82	11	15	15	12						0	0	0		0			
		MONKS WOOD	22.6	11.8	17.2	29.6	30	6.3	3	18.0	15.1	55	104	19	18	9	8	0	0	0	0	3	0	0	0		0			
		PORTHCAWL	17.8																											
		GULVAL		13.6	17.0																									
		BASTREET		10.9	15.3																									
		MORLEY																												
		SOUTHGATE		(13.5)																0									6.13	
		RUGBY	22.5		17.5																									
	AUGUST	FRASERBURGH																												
		COATBRIDGE	21.6	12.3	16.9	30.2	4.8	7.5	31			49	56	21	5	13	6							0			0	7.13		
		MONKS WOOD	25.1	12.3	18.7	32.9	8	6.0	23	19.1	16.9	12	19	5	30	9	3	0	0	0	0	3	1	0	0		0			
		WEST KIRBY PARK	22.8		18.6																									
		NOTTINGHAM	(25.0)	14.6	(19.8)	(13.7)																								
		STRATFORD-UPON-AVON	25.2		18.7																									
	SEPTEMBER	MONKS WOOD	19.0	8.7	13.9	22.7	8	-0.3	16	14.9	15.3	59	123	22	13	16	8	0	0	0	0	0	0	1	1		0	4.90		
		NOTTINGHAM	18.0																											
	OCTOBER	MONKS WOOD	14.1	5.6	9.9	17.9	30	-0.5	28	11.2	12.6	5	11	1	9	9	1	0	0	0	0	0	3	1	10		0	(3.93)		
		DINNET	12.7	4.8	8.7	17.4	28	-3.2	18	9.0		26	34	9	2	12	6	0					0	3	8		0	2.86		
		FYVIE CASTLE	12.5	4.3	8.4	17.0	25	-2.5	18			33	11	2	16	8	0						0	4	11		0			
		COATBRIDGE	12.6	6.1	9.3	16.5	28	0.4	19			71		15	2	11	9													
		TAVISTOCK										59	50																	
		BIRMINGHAM KES										20	33																	
	NOVEMBER	RUBH RE																												
		DINNET	8.0	1.0	4.5	13.7	19	-5.2	9	5.8		59	69	30	15	17	9		0	0				0	9	18		2	2.54	
		FYVIE CASTLE	8.3	1.0	4.7	12.5	19	-4.5	26			83	88	35	15	17	13	0	0	0	0	0	0	10	20		0			
		ROSLIN	8.1	3.0	5.5	12.6	19	-1.8	14,18,21			26	64	11	15	11	7	0	0	0	0	0	0	4	17		0	2.22		
		GLENTRESS										55	64																	
		CARNWATH																												
		ROTHESAY																											1.99	
		PALNUR																												
		CHOPWELLWOOD																												
		YORK (HESLINGTON)	8.8	1.4	5.1	13.0	19	-4.6	30			40	50			15	11													
		GORLESTON																												
		MARCH		2.1	5.9							58	85			16	12													
		MONKS WOOD	9.2	1.7	5.5	13.9	1	-5.0	11	7.2	10.0	36	66	12	15	14	11	0	0	0	0	0	6	10	17		0	2.52		
		LUTON										48	69	11	15															
		STANSTEAD ABBOTTS										47	79																	
		STANFORD-LE-HOPE																											1.94	
		PONTEFRAC	8.8	2.6	5.7																									
		MORLEY	9.4	2.1	5.7																									
		NEWTHORPE		1.7	5.6																									
		NOTTINGHAM	9.4		6.5	-0.2																								
		SHREWSBURY																												
		STRATFORD-UPON-AVON																												
		WELLESBOURNE	9.2	2.1	5.7	15.1	1					32	51			12	11													
		BUGBROOKE MILLS																												
		LETCOMBE REGIS	9.7	2.3	6.0	14.4	5	-4.8	30	8.0		53	73	23	15	14	10	0	0	0	0	0	2	7	18		0			
		AYLESBURY										48	74			14	11													
		MEDMENHAM	10.0		5.3																									
		GREENWICH																												
		LACOCK	10.2		6.1	14.0	15					55	72	14	15															

MONTHLY WEATHER REPORT

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

MAY

VOLUME 93



1976

NUMBER 5

Changeable: dry and quite sunny in the south.

High pressure to the south of Ireland declined on the 1st and fronts and depressions from the north-west, and later from the south-west, affected most districts during the first week. Pressure rose on the 6th and although fronts soon moved into northern districts, ridges of high pressure persisted in the south for a few days. From the 10th to the 21st a series of frontal systems and alternating ridges crossed all areas, but between the 22nd and the 24th most of the British Isles came under the influence of an anticyclone over Scandinavia. A front from the Atlantic moved slowly eastwards on the 25th, however, and pressure became low over the North Sea. Towards the end of the month slow-moving fronts affected north-eastern districts, while other fronts gradually encroached from the west.

Weather

The dry weather of April ended on 1 May, when rain reached most districts. Outbreaks of rain or showers, heavy at times, alternated with sunny periods throughout most of the month. In the south of England, however, rainfall amounts were generally small and it was quite sunny. Thunderstorms occurred fairly frequently and were particularly widespread in England, Wales and southern Scotland from the 7th to the 10th. Many places in these areas became very warm during this period and it was warm again on the 23rd and 24th. Gales were seldom reported, but coastal fog occurred from time to time.

Wind

Winds were mostly light or moderate, but were fresh or strong on coasts, mostly in the north and west, at the beginning of the month and at times from the 12th onwards. Gales occasionally occurred in exposed places around mid month and many stations reported their highest gusts between the 15th and the 17th. The Royal Observatory at Blackford Hill, Edinburgh, recorded a gust of 78 kt on the 16th. Directions were sometimes variable, mostly between south and west, but east of south at times in the first and last weeks.

Temperature

Monthly mean temperatures were slightly below average in the Hebrides, the Glasgow area, Northern Ireland, the Isle of Man, south-west Wales and most of Cornwall. In other areas the mean temperature was generally between 0.0 and 1.0 degC above average, but south-eastern England was a little warmer, with monthly mean values about 1.5 degC above normal in places. Many stations in England and Wales reported their lowest temperature of the month on the morning of the 1st, Bastreel (Cornwall) recording -5.0 °C. Minima in Scotland mostly occurred between the 4th and the 6th, the lowest being -3.0 °C at Fyvie Castle (Grampian Region) on the night of the 4th/5th; air frosts were, however, seldom reported during the month. It became very warm by day in many districts from the 6th to the 8th, especially in central southern and south-eastern England, where the warm weather continued until the 10th. On the 7th the temperature reached 29.0 °C at both

Ulcombe (Kent) and Waddon (Greater London) and on this day also there was a difference of 22 °C between the night minimum and the day maximum readings at several places in the south-east. It was warm again in many areas on the 23rd and 24th. Most places in Scotland recorded their maximum temperature for the month during this period and the highest was 23.1 °C at Lossiemouth (Grampian Region) on the 23rd.

Rainfall (including melted snow)

Rainfall was generally below average in extreme north and north-east Scotland, in South Wales and in England roughly south of a line from the west Midlands to the Wash. Monthly totals were above average elsewhere, and sharp contrasts existed between rainfall in the dry and wet areas. Less than half the normal amount fell over much of southern England and some places along the south coast had under a quarter of their usual rainfall for May. In parts of Scotland and the north of England, however, monthly totals exceeded 150 per cent of average and some places in Humberside and North Yorkshire had more than 250 per cent of the normal. Outbreaks of rain and showers reached most areas on the 1st and alternated with dry periods during the month. On the 'rainfall day' of the 1st (the 24-hour period from 09 GMT) Honister Pass (Cumbria) measured 76.2 mm and one or two places in Scotland recorded amounts exceeding 70 mm in a similar period on the 16th, but amounts in southern England were often small. Thunderstorms were fairly frequent during the month and hail showers also occurred, mainly during the first two weeks.

Snow

A few isolated falls of snow or sleet were reported in the north and west, mainly over high ground. Snow lay only on the upper slopes of the Scottish mountains.

Sunshine

Monthly sunshine totals ranged from 100 to 120 per cent of average in south-east, central southern and parts of south-west England and were between 100 and 110 per cent of the normal in the Northern Isles and Caithness and in parts of East Anglia. Sunshine was below average elsewhere, though by less than 10 per cent over most of Devon and Cornwall, around the Severn estuary and along the southern shore of the Moray Firth. Some areas had much less sunshine than usual. Northern Ireland recorded only about 65 per cent of its normal May sunshine and parts of Scotland and north-west England had less than 70 per cent. The May total of 91.2 hours at Eskdalemuir (Dumfries and Galloway Region), where records began in 1910, has only been lower in 1969, and Onich (Highland Region), with 91.3 hours, had its dullest May since at least 1929: these totals are only just over half the average for the month. Sunny days were fairly frequent in southern England and occasionally occurred elsewhere.

Fog

Coastal fog, often associated with precipitation, was reported from time to time, chiefly in Shetland and along the shores of northern and eastern Scotland, north-east England, west Wales and south-west England, including the Channel Islands. North-eastern coasts of England were particularly affected on the 6th and the 24th and fog in the south-west extended along the English Channel on the 31st. Overnight fog patches, which occasionally developed in inland areas during the month and soon cleared, mostly occurred in Wales and central and south-eastern England from the 7th to the 9th and on the 23rd. Hill fog was sometimes reported.

Miscellaneous Phenomena

The aurora was observed in Scotland on 2 nights.

Table 1 District values

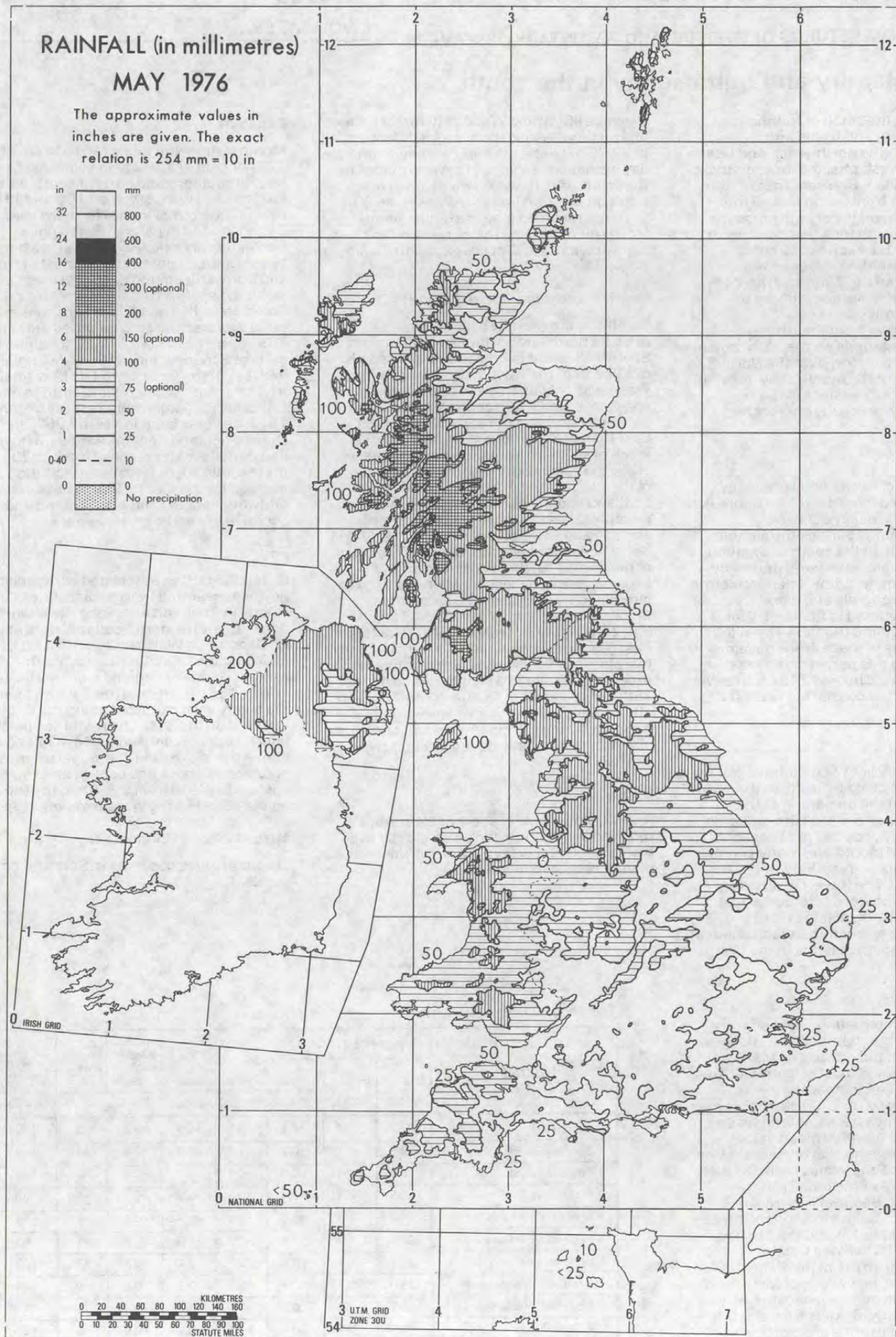
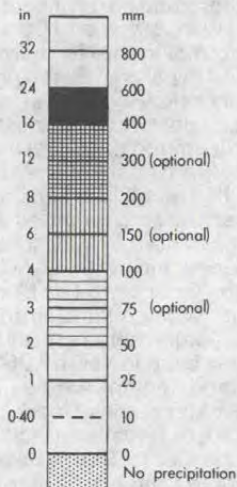
District	air temperature °C					mean 30-cm earth temp °C	rain- days	rainfall	sun- shine
	Highest Max.*	Lowest Min.*	max.	min.	mean				
			difference from average						
0 Scotland N	22.2	-0.9	+0.2	+0.5	+0.3	+0.2	+3	110	90
1 Scotland E	22.3	-1.7	+0.2	+1.4	+0.6	+0.5	+4	124	77
2 England E & NE	22.0	-0.4	+0.5	+0.9	+0.7	+0.4	+5	149	80
3 East Anglia	25.5	-0.4	+2.4	-0.5	+0.9	+0.1	+1	60	97
4 Midland Counties	25.6	-1.5	+0.5	+0.9	+0.7	+0.5	+4	98	82
5 England SE & Central S	28.5	1.0	+1.4	+0.7	+1.0	+0.5	-1	41	110
6 Scotland W	21.1	-1.7	-0.6	+0.7	+0.1	+0.3	+7	167	67
7 England NW & Wales N	23.0	0.7	-0.3	+1.0	+0.3	-0.2	+6	134	75
8 England SW & Wales S	25.2	-1.2	0.0	+0.3	+0.2	+0.3	+1	70	93
N Ireland	19.0	-0.7	-0.4	+0.1	-0.2	+0.5	+6	157	65
Scotland	22.3	-1.7	-0.1	+0.9	+0.3	+0.3	+5	134	78
England & Wales	28.5	-1.5	+0.7	+0.5	+0.6	+0.3	+3	92	89

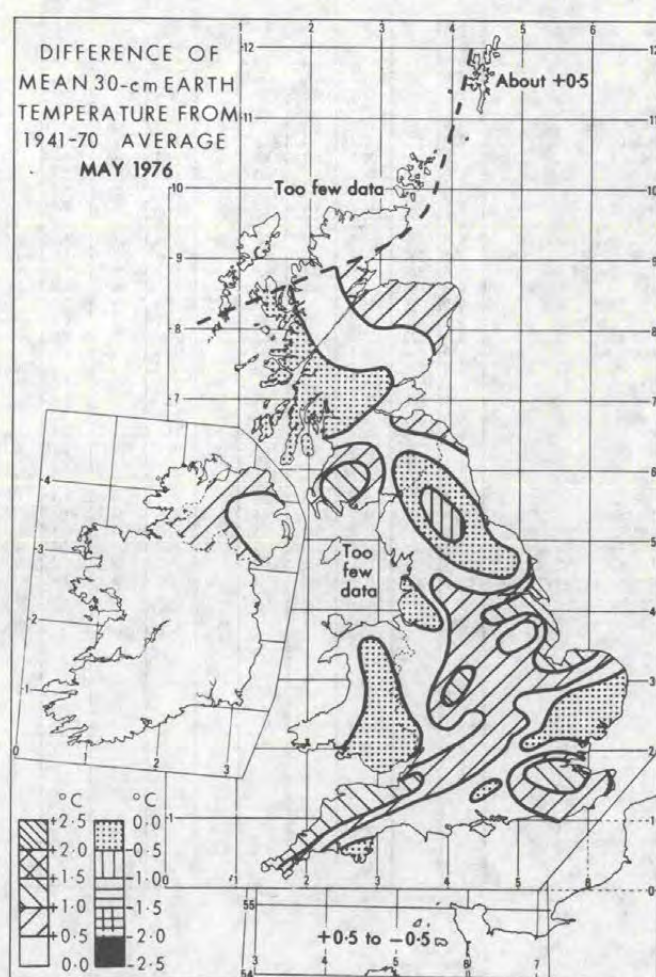
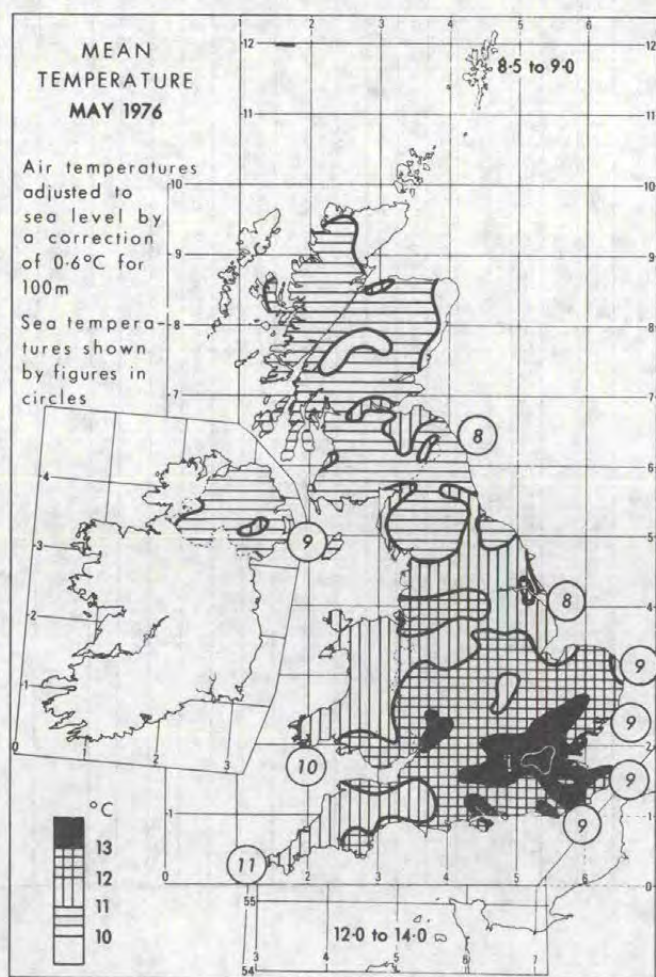
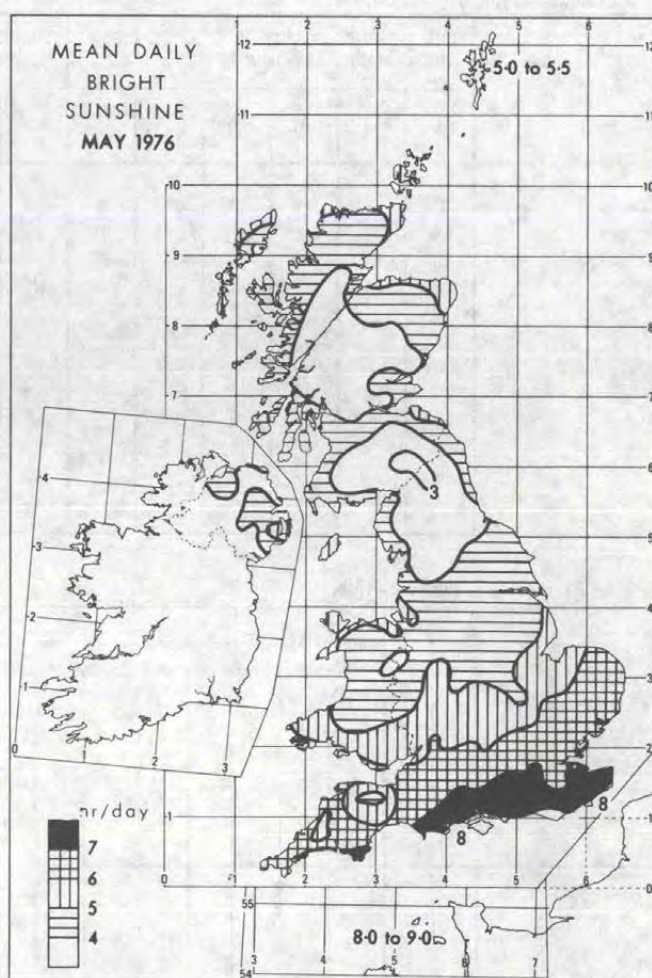
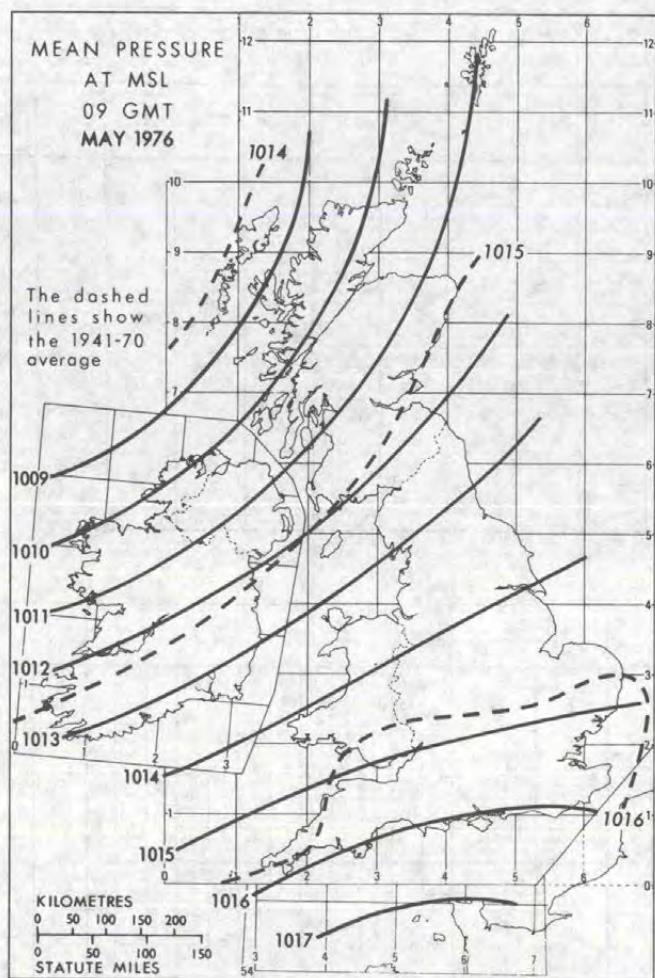
*Highest maximum and lowest minimum of District Value Stations.

RAINFALL (in millimetres)

MAY 1976

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





STATION	TOTAL RADIATION ON A HORIZONTAL SURFACE (MILLIWATT-HOURS PER SQUARE CENTIMETRE)						DIFFUSE RADIATION ON A HORIZONTAL SURFACE (MILLIWATT-HOURS PER SQUARE CENTIMETRE)						TOTAL ILLUMINATION ON A HORIZONTAL SURFACE (KILOLUX-HOURS)					
	MAX.	DATE	MIN.	DATE	DAILY MEAN	NO. OF DAYS	MAX.	DATE	MIN.	DATE	DAILY MEAN	NO. OF DAYS	MAX.	DATE	MIN.	DATE	DAILY MEAN	NO. OF DAYS
LERWICK	757	26	88	7	412.3	31	363	28.30	88	7	228.8	31	919	26	122	7	510.3	31
ESKORLEMUIR	676	6	63	22	316.8	30	365	24	61	22	214.2	30	790	6	81	29	378.6	30
CARDINGTON	698	24	290	25	466.8	31	399	31	183	25	308.0	31						
ABERPORTH	762	13	144	1	461.3	30	423	26	135	1	276.8	30						
LONDON WEATHER CENTRE KEW	701	14	294	5	470.6	31	335	30	195	3	273.0	31	877	14	391	5	594.9	31
BRACKNELL	710	14	262	5	488.8	31	409	28	207	3	294.7	31	874	14	334	5	596.4	31
ALDERGROVE	715	6	146	1	394.4	31	338	7.26	111	1	266.8	31						
JERSEY	815	25	158	31	597.0	31	381	26	143	14	255.0	31	1001	25	239	31	742.5	31

MAY 1976

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	PRECIPITATION		SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	BELUINGING DEG C	BELUINGING DEG F	GALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE
																		0.2 MM OR MORE	1.0 MM OR MORE													
				MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE							50 CM DEGREES C	100 CM DEGREES C													
0 SCOTLAND N																																
SHETLAND																																
BAL TASOUND ...	9.9	24	11.6	5.6	8.6	+0.7	17.4	23	-0.8	5	7.8	-	50	80	8	3	19	12	1	0	0	0	0	0	2	-	-	1	5.45	108	-	-
LEWICK ...	21.9	82	10.3	5.8	8.1	-	15.8	26	-1.0	5	-	-	40	-	6	1	15	12	2	0	0	0	1	1	1	2	1	0	5.10	100	-	-
PSYCHROMETER ...			10.5	5.5	8.0	+0.4	15.8	26	-0.9	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SCREEN ...																																
ORKNEY																																
KIRKWALL AIRPORT ...	21.9	26	12.2	5.9	9.1	+0.6	17.7	23	-0.6	5	-	-	53	90	10	2	14	12	0	0	1	0	0	0	1	3	2	0	5.66	108	-	-
WESTERN ISLES																																
BENBECULA ...	21.9	6	12.3	7.0	9.7	0.0	17.1	24	1.6	6	-	-	89	-	12	24	26	19	0	0	0	1	0	0	0	3	1	0	5.71	84	-	-
SCALPAY ...	9.9	18											-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
STORNOWAY ...	21.9	3	12.0	6.0	9.0	-0.1	18.4	24	0.2	6	-	-	73	-	17	17	23	16	0	0	0	0	0	0	0	3	2	0	4.93	82	-	-
HIGHLAND																																
ACHNASHELLACH ...	9.9	67	14.2	6.1	10.1	+0.4	21.7	23	-0.6	6	-	-	146	129	19	1	25	18	0	0	0	0	1	0	1	-	-	0	-	-	-	
BALMACRARA ...	9.9	4	13.7	7.3	10.5	-	20.0	24	1.9	6	-	-	125	150	24	16	25	17	0	0	0	0	0	0	0	-	-	0	-	-	-	
CAPE WRATH ...	21.9	112	11.1	6.2	8.7	+0.4	20.0	24	2.7	4	-	-	68	111	14	15	18	15	0	0	0	0	0	0	0	0	0	0	5.64	-	-	
CORRACH ...	9.9	8	14.4	6.9	10.7	-	20.7	23	2.8	6	-	-	137	-	21	16	21	19	0	0	0	0	0	1	0	0	0	0	-	-	-	
CRAIGDARRACH ...	9.9	38	15.2	4.9	10.1	-	20.4	23	-1.4	5	-	-	48	-	6	16	20	13	0	0	0	1	1	0	1	4	0	0	3.39	-	-	
DALWHINNIE ...	9.9	351	11.6	4.0	7.8	-	16.5	23.27	-0.6	13.27	-	-	107	-	25	16	26	20	0	0	0	0	0	0	9	2	1	8	0	-	-	
DOUNREAY ...	9.9	21	13.1	6.2	9.7	-	22.0	23	1.0	5.6	-	-	49	97	9	15	14	13	0	0	0	0	0	4	0	1	-	1	5.37	-	-	
FORTROSE ...	9.9	5	13.0	7.3	10.1	+0.6	19.0	23	3.5	5.13	-	-	30	58	6	12	19	11	0	0	0	0	0	0	0	-	-	0	4.59	88	-	
GLENMORE LODGE ...	9.9	341	13.0	4.5	8.7	-	17.5	7	-0.6	13	-	-	79	92	21	12	22	14	0	0	0	0	0	0	1	13	0	0	4.36	-	-	
GRANTOWN-ON-SPEY ...	9.9	229	13.5	4.1	8.8	-	19.4	23	-1.6	5	-	-	50	-	11	12	17	11	0	0	0	0	1	0	0	1	16	0	4.52	-	-	
HEARST ...	9.9	109	12.5	6.1	9.3	-	20.9	24	1.9	13	-	-	129	-	19	17	22	22	1	0	0	0	1	0	0	0	2	2	5.14	-	-	
ISLE OF RHUM ...	9.9	5	13.2	6.7	9.9	-	18.6	24	0.2	6	11.3	9.8	178	138	19	16	23	21	0	0	0	0	3	0	0	0	4	0	5.91	-	-	
KEISS ...	9.9	30	12.0	5.9	8.9	-	16.4	23	0.5	6	9.5	8.4	31	-	7	9	15	10	0	0	0	0	0	1	0	1	6	0	-	-		
KINLOCHWE ...	9.9	23	14.31	6.3	10.31	-	21.7	23	-0.6	6	9.9	-	99	86	23	15	22	20	0	0	0	0	0	0	0	0	7	0	-	-		
KNOCKANROCK ...	9.9	244	12.1	5.4	8.7	-	19.3	23	1.1	5	-	-	41	-	11	12	23	16	0	0	0	0	1	0	0	2	7	1	-	-		
LAGGANLIA ...	9.9	250	13.8	4.5	9.1	-	19.0	22.23	-1.0	26.27	-	-	55	-	12	15	23	16	0	0	0	0	0	0	0	10	0	0	-	-		
LAIRG ...	9.9	91	13.9	4.6	9.3	-	21.6	23	-2.3	6	9.0	7.7	-	-	12	16	21	13	0	0	0	0	0	1	0	1	8	0	-	-		
LENRAN ...	9.9	146	13.8	5.2	9.5	-	19.2	23	-2.0	5	-	-	50	-	36	16	25	21	0	0	0	0	0	0	0	0	8	0	3.32	-	-	
LOCH DICH ...	9.9	37	14.6	6.4	10.5	-	20.4	23	1.2	6	-	-	143	-	6	12	17	9	0	0	0	0	0	0	0	0	0	0	0	5.10	96	-
NAIRN ...	9.9	6	14.3	6.2	10.3	+0.8	21.3	24	0.6	5	-	-	33	68	6	12	17	9	0	0	0	1	0	0	0	0	1	0	2.85	55	-	
ONICH ...	9.9	15	13.8	6.4	10.1	-0.2	21.0	24	1.0	24	6.13	-	148	139	23	16	22	22	0	0	0	0	0	0	0	0	0	0	4.90	-	-	
POOLEWE ...	9.9	6	14.1	7.1	10.6	-	19.6	23	1.8	6	-	-	92	-	15	15	23	15	0	0	0	0	0	0	0	0	0	0	4.47	-	-	
PRABOST ...	9.9	67	13.5	6.0	9.7	-	22.3	24	0.7	5	-	-	100	13	16	24	22	22	0	0	0	0	2	0	0	0	0	0	0	-	-	
RUBH RE ...	21.9	16	11.9	7.5	9.7	-	19.1	24	4.3	6	-	-	77	-	17	17	20	15	0	0	0	0	0	0	0	0	0	0	-	-	-	
STRATHCONDON ...	9.9	107	14.5	4.7	9.6	-	20.6	23	-1.8	5	-	-	70	-	16	31	20	16	0	0	0	0	0	1	-	2	13	0	-	-		
STRATHY ...	9.9	37	13.6	5.3	9.5	+0.6	22.2	23	-0.5	5	-	-	53	88	15	15	22	15	0	0	0	0	0	0	0	0	0	0	4.51	90	-	
TARBATNESS ...	21.9	18	12.4	6.7	9.5	+0.2	18.7	7	3.2	11	-	-	33	-	7	15	22	11	0	0	0	0	0	0	0	0	0	0	-	-	-	
TOMATIN ...	9.9	311	12.9	4.5	8.7	-	19.3	24	0.7	13	-	-	56	-	18	12	23	14	1	0	0	0	1	0	0	0	0	0	5.79	110	-	-
WICK ...	21.9	36	11.9	6.3	9.1	+0.8	18.2	23	0.8	6	-	-	29	-	63	4	1	16	12	0	0	0	0	0	0	0	6	1	-	-	-	

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

85
MAY 1976

DISTRICT REGION/COUNTY AND PLACE	MAX. TERMINAL HEIGHT OF STATION ABOVE MSL (METRES)	MIN. OF OBSERVATION	AIR TEMPERATURE IN DEGREES C								MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL H 09 GMT)		WEATHER (NUMBER OF DAYS)										BRIGHT SUNSHINE							
			MEANS OF		DAILY MEAN (MEAN OF 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																						DATE
1 SCOTLAND E																																
GRAMPIAN																																
ABERDEEN																																
DYCE AIRPORT ...	21-9	58	13.4	5.9	9.7	+0.8	20.0	8	0.7	5		48	71	9	12	15	12	1	0	3	1	1	1	10	3	0	0	4.77	87			
MANNOFIELD ...	9 9	16	12.4	6.2	9.3	+0.3	18.2	8	3.0	5		57	84	13	12	16	11	0	0	0	0	0	2	4	0	0	4.36	78				
BALMORAL ...	9 9	283	12.5	4.3	8.4	+0.3	17.3	23	-2.0	7		115	172	22	28	19	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
BANCHORY ...	8 8	77	13.6	5.9	9.7		19.4	8	1.1	6		43		7	20	16	11	0	0	0	0	0	0	0	0	0	4.57					
BANFF ...	9 9	24	13.3	6.8	10.1		20.5	23	0.6	5		28	53	7	5	17	9	0	0	0	0	0	0	0	0	0	5.30					
BRAEMAR ...	9 9	339	12.3	4.6	8.5	+0.3	17.1	24	-0.6	7		105	152	21	16	19	15	0	0	0	0	0	0	1	3	0	3.74	73				
CARBISTONE ...	9 9	91	12.6	5.7	9.1	+0.4	18.6	8	0.4	5	9.5	54	77	15	12	17	11	0	0	1	0	0	0	0	0	0	5.26	88				
CULTERTY ...	9 9	3	12.2	5.6	8.9		18.9	23	-2.0	5		39	70	5	12	16	11	0	0	0	0	0	0	0	0	0	4.97					
ELGIN ...	9 9	15	14.2	6.4	10.3		22.5	23	1.5	5.31		33	63	4	20	16	13	0	0	0	0	0	0	0	0	0	5.26					
FORRES ...	9 9	50	15.2	6.8	11.0	+1.3	22.4	23	1.6	5	11.5	32		7	20	16	11	0	0	0	2	0	0	0	0	0	5.04	92				
FRASERBURGH ...	21-9	19	12.3	6.4	9.3		18.5	22.23	1.0	5		43	90	10	10	19	15	0	0	0	0	0	0	0	0	0	5.25					
FYVIE CASTLE ...	9 9	55	13.7	4.9	9.3		21.0	8	-3.0	5		32	50	5	12	19	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
GARTLY ...	9 9	146	13.5	4.8	9.1		19.5	8	-1.6	5		48		0	20	17	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
GLENLIVET ...	21-9	215	13.4	4.6	9.0		19.6	23	0.4	5		59	85	11	19	17	12	0	0	1	0	0	0	0	0	0	4.89					
INVERURIE ...	9 9	54	14.0	5.3	9.7		20.4	8	0.0	5		40		7	12	15	10	0	0	0	0	0	0	0	0	0	4.93					
KEITH ...	9 9	106	14.2	5.1	9.7		21.1	23	0.7	5		40		7	19	15	11	0	0	0	0	0	0	0	0	0	5.00					
KINLOSS ...	21-9	5	14.4	6.5	10.5	+0.8	22.3	23	1.4	5.20	9.9	29	59	6	20	18	9	0	0	0	0	0	0	0	0	0	5.39					
LOSSMOUTH ...	21-9	6	14.2	5.9	10.1		23.1	23	1.1	5.31		57	75	10	51	19	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
STONEHAVEN ...	9 9	4																														
TAYSIDE																																
ABRARTH ...	9 9	28	12.8	7.0	9.9		17.0	8	3.8	13		64	114	12	19	18	13	0	0	0	0	0	2	2	0	0	4.76	77				
ABRATH ...	9 9	150	13.7	6.3	10.0		20.0	27	2.6	4		153	184	39	16	27	20	0	0	0	0	0	0	0	0	0	3.65					
ASHINTULLY CASTLE ...	9 9	341																														
BLAIRGOWRIE ...	9 9	70	13.5	6.4	9.9		17.3	23	1.9	3	10.6	115	185	17	29	22	19	0	0	0	0	0	0	0	0	0	3.92					
DALL ...	9 9	232																														
DUMFRIES CASTLE ...	9 9	113	13.3	6.0	9.7		19.4	23	1.9	4.13	10.1	190		56	16	24	20	0	0	0	0	0	0	0	0	0	3.96					
DUNDEE ...	9 9	45	13.9	7.2	10.5	+0.4	18.0	8	3.0	13	11.5	85	131	17	29	18	15	0	0	0	0	0	0	0	0	0	3.61	66				
FASKALLY ...	9 9	94	13.5	6.2	9.9		19.1	27	0.7	11	10.7	9.4	109	163	19	18	25	18	0	0	0	0	0	0	0	0	0	0	0	0	0	
GLENARGLES ...	9 9	152	13.7	5.1	9.4		18.4	24	0.6	4		142	167	28	16	27	20	0	0	0	0	0	0	0	0	0	4.09					
KINDROGAN ...	9 9	259	12.0	4.3	8.1		16.3	23	-1.0	11		121		20	19	22	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
KINROSS ...	9 9	116	13.2	5.8	9.5		19.0	23	2.0	4	10.3	127		19	19	23	20	0	0	0	0	0	0	0	0	0	3.41					
MONTROSE ...	9 9	57	12.6	6.4	9.5		17.4	8	2.3	5		84	132	16	28	20	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
MYLNEFIELD ...	9 9	30	13.2	6.9	10.1		18.0	27	2.6	3	10.2	8.6	102	135	15	29	19	14	0	0	0	0	0	0	0	0	4.33					
PERTH ...	9 9	23	14.1	6.7	10.4	0.0	19.2	27	2.4	4		80	157	16	19	21	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
STRATHALLAN ...	9 9	41	14.2	7.0	10.6		19.3	24	3.3	4		113		18	19	22	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
USAN ...	21-9	30	11.5	6.5	9.0		16.6	8	3.6	2.13		77		17	19	18	13	0	0	0	0	0	0	0	0	0	4.23					
WHITEHILLOCKS ...	9 9	258	12.7	4.6	8.7		17.4	8	-1.3	6		134	144	23	16	22	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
FIFE																																
BELLISTON ...	9 9	82	13.3	6.9	10.1		17.7	7.27	2.4	13	10.1	59	90	13	28	18	12	0	0	0	0	1	2	3	0	0	4.41					
CUPAR (ELMWOOD) ...	9 9	36	14.1	6.3	10.2		18.4	23.27	1.2	6	11.2	76		15	29	19	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
GLENROTHES (GLENWOOD) ...	9 9	117	13.3	6.3	9.8		18.3	23	2.2	6		110		15	28	19	17	0	0	0	0	0	0	0	0	0	4.07					
LEUCHARS ...	21-9	10	13.6	6.7	10.1	+0.4	18.0	27	2.6	6		68	120	14	19	19	12	0	0	0	0	0	0	0	0	0	4.16	69				
PITREAVIE ...	21-9	40	14.1	7.3	10.7		20.5	24	2.6	4		78	141	18	28	19	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ST ANDREWS ...	9 9	18	13.7	7.4	10.5		18.0	27	3.1	13	11.3	9.7	65	111	13	19	18	14	0	0	0	0	0	0	0	0	4.58					
LOTHIAN																																

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

MAY 1976

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 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 W																																		
STRATHCLYDE																																		
ACHAGLACHGACH			9 9	12	13.8	5.8	9.8		20.0	24	-0.1	13			120	129	18	24	26	21														
AROS			9 9	37	13.7	6.3	10.0		20.3	24	0.5	6			165		26	16.24	23	19	0	0	0	0	0	0	0	0	0	0	0	0		
AUCHINCRIEVE			9 9	45	14.1	7.0	10.5	+0.2	20.2	24	2.1	4	10.8	9.8	78	136	12	16	22	15	0	0	0	0	0	0	0	0	0	0	4.69	76		
BARRHEAD			9 9	30	14.3	7.0	10.7		20.2	24	1.2	6			116	157	29	16	23	17	0	0	0	0	0	0	0	0	0	0	0	0		
BENMORE (YOUNGER)			9 9	12	13.4	6.6	10.0		19.5	24	1.4	6			240	179	50	16	25	22	0	0	0	0	1	2	0	0	0	0	0	0		
BOTANIC GARDEN			9 9	15	13.8	6.9	10.3		18.3	24	2.8	5.6	12.1		195	184	22	21	24	21	0	0	0	0	0	0	0	0	0	0	0	0	0	
BRODICK CASTLE			9 9	295	12.0	4.6	8.3		17.4	23	-2.2	4			126	151	23	16	22	18	0	0	0	0	0	0	0	0	0	0	0	3.49		
CAMPS RESERVOIR			9 9	208	13.4	4.7	9.1		19.3	24	-1.6	6	9.6		76	126	11	24	23	14	0	0	0	0	0	0	0	0	0	0	0	0	0	
CARNWATH			9 9	35	13.0	7.1	10.1		17.1	24	3.0	6.10			121		18	28	21	18	0	0	0	0	0	0	0	0	0	0	0	0	0	
COLONSAY			9 9	274	12.3	4.7	8.5		17.6	23	-2.8	6	9.2								0	0	0	0	0	0	0	0	0	0	0	3.43		
CRAWFORD JOHN			9 9	94																	0	0	0	0	0	0	0	0	0	0	0	0		
CUMBERNAULD			9 9	99	14.0	6.3	10.1		19.9	24	0.5	4			91		17	16	20	15	0	0	0	0	0	0	0	0	0	0	0	0	0	
DUNNOCK			9 9	3	13.5	7.0	10.3		20.2	24	1.7	6			126		26	16	22	19	0	0	0	0	0	0	0	0	0	0	0	0	0	
DUNSTAFFNAGE			9 9	178	13.4	5.7	9.5		18.5	24	0.8	6			120		31	16	22	16	0	0	0	0	0	0	0	0	0	0	0	4.90		
EAST KILBRIDE			9 9	15	13.8	6.8	10.3		20.6	24	3.0	4.10			221	195	34	16	24	23														
FINNART			9 9	8	14.6	7.8	11.2		20.6	24	4.0	6.19			101	183	23	24	21	16	0	0	0	0	0	0	0	0	0	0	0	4.75		
GIRVAN																																		
GLASGOW																																		
ABBOTSINCH AIRPORT			21-9	5	14.3	6.7	10.5	-0.2	21.1	24	0.1	6			121		24	21	23	16	0	0	0	0	0	0	0	0	0	0	0	4.35	73	
SPRINGBURN PARK			9 9	107	13.7	7.0	10.3	-0.1	19.5	24	3.0	13			135	180	22	21	23	17	0	0	0	0	0	0	0	0	0	0	0	3.99	71	
WEATHER CENTRE (X)			21-9	40	14.2	8.2	11.2		20.0	24	4.6	13			108		18	29	21	16	0	0	0	0	0	0	0	0	0	0	0	3.83		
GLENBRANTER			9 9	24	14.1	6.2	10.1		20.9	24	0.9	4			194		35	16	25	23	0	0	0	0	0	0	0	0	0	0	0	0	0	
GREENOCK			9 9	61											172	200	32	16	22	19												4.55	75	
HELENSBURGH			9 9	89	12.9	6.3	9.6	-0.5	19.5	24	1.0	13			156	184	23	29	24	21	0	0	0	0	0	0	0	0	0	0	0	3.27		
KNAPDALE FOREST			9 9	40	13.6	6.0	9.8		19.0	23	0.2	6			154		25	24	23	20	0	0	0	0	0	0	0	0	0	0	0	0	4.33	
LANARK			9 9	152																														
LEARNHILLS			9 9	388	11.2	4.3	7.7		16.4	24	-0.5	4			192	178	39	16	24	20	2	0	3	0	0	0	0	0	0	0	0	0	0	
MACHRIHANISH			21-9	10	13.5	7.1	10.3		19.1	24	1.6	6			124	186	25	21	25	19	0	0	0	0	0	0	0	0	0	0	0	0	4.62	
MILLPORT			9 9	5	13.1	7.9	10.5		19.0	24	4.4	13			136	192	36	21	22	19	0	0	0	0	0	0	0	0	0	0	0	0	0	
PAISLEY			9 9	32	14.3	7.7	11.0	-0.1	20.0	24	3.4	13	11.2	9.8	127	167	27	16	24	17	0	0	0	0	0	0	0	0	0	0	0	4.18	73	
PRESTWICK			21-9	16	14.1	6.8	10.5		21.0	24	0.9	4			79	136	12	16	22	15	0	0	0	0	0	0	0	0	0	0	0	0	0	
RAHUVAL			21-9	20	12.9	7.1	10.0		17.5	24	3.8	16			143	205	27	16	22	21	0	0	0	0	0	0	0	0	0	0	0	0	0	
ROTHESAY			9 9	43	13.9	7.4	10.7		19.0	24	2.0	13	10.3	9.1	156	195	30	29	22	18	0	0	0	0	0	0	0	0	0	0	0	0	0	
SLOY			21-9	12	13.5	6.7	10.1		18.4	24	1.9	4			253		45	16	25	25	0	0	0	0	0	0	0	0	0	0	0	0	0	
STRONACHULLIN			9 9	2	13.4	7.0	10.2		17.1	6.24	2.8	6			163		26	16	27	19	0	0	0	0	0	0	0	0	0	0	0	0	0	
TIREE			21-9	9	12.3	7.3	9.8	-0.1	16.4	24	3.5	6			84	145	11	24	21	19	0	0	0	0	0	0	0	0	0	0	0	5.32	74	
CENTRAL																																		
BARROCHMORE			9 9	30	13.7	6.6	10.1		19.9	24	1.2	13			179		28	16	23	20		0	0	0	0	0	0	0	0	0	0	0	3.44	
CALLANDER			9 9	107	13.5	5.7	9.6		20.3	24	1.0	13			167	171	39	16	26	21	0	0	0	0	0	0	0	0	0	0	0	0	0	
EARLS HILL			21-9	335	11.7	4.9	8.3		18.8	24	-0.8	13									0	0	0	0	0	0	0	0	0	0	0	0	3.93	
FALKIRK (SEWAGE WORKS)			9 9	3	14.7	7.5	11.1		20.8	24	2.6	4			88		13	6	22	19												4.17		
GRANDEMOUTH																																		
B.P. REFINERY			9 9	2	14.9	7.7	11.3		22.1	24	3.2	4			76		10	6.28	22	16														
PARKHEAD			9 9	107	14.3	6.8	10.5		20.1	24	2.5	6.13	11.1		136		27	16	26	19	0	0	0	0	0	0	0	0	0	0	0	0	3.75	
STIRLING (BATTERFLATS)			9 9	38	14.6	6.6	10.6		21.1	24	1.9	6	11.3	9.9	138		34	16	25	20	0	0	0	0	0	0	0	0	0	0	0	0	0	
DUMFRIES & GALLOWAY																																		

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

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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		DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		90 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY		PRECIP- ITATION	0.2 MM OR MORE	1.0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS MIN. BELOW 0 DEG C	CONCRETE MIN. BELOW 0 DEG C	RALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE	
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE					AMOUNT	DATE																	
2 ENGLAND E & NE -CONTINUED																																	
DURHAM	9 9	102	14.5	6.5	10.5	+0.4	19.6	23	2.5	9	10.5	9.1	79	155	15	25	22	18		0				0	0					3.84	71	5	
DURHAM	9 9	377	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HOUGHALL	9 9	377	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WIDYBANK FELL	9 9	513	11.1	3.7	7.4		17.0	23	0.8	9	6.5		133		16	12	27	21		0				3	0	19				3.21			
CLEVELAND																																	
HARTBURN GRANGE	9 9	31	14.9	6.3	10.6		19.8	8	-0.2	4			80	200	18	25	18	16	0	0	1	0	7	0	1	4				3.68			
HARTLEPOOL	9 9	9	14.2	7.9	11.1	+0.6	19.6	8	4.5	4			71	165	14	25.28	18	15	0	0	0	2	1	0	0					3.90			
NORTH YORKSHIRE																																	
ASHKHAM BRYAN	9 9	34	15.6	7.0	11.3		20.2	22	1.5	1			127	260	17	25	22	18	0	0	0	0	4	1	0	4				4.08	71		
CAWOOD	9 9	6	15.2	7.5	11.3		20.0	23.24	4.0	14	11.6	10.4	118	257	20	25	21	19	0	0	0	1	0	0	0	0	0				3.99		
HIGH MOWTHORPE	9 9	175	13.5	6.5	10.0		18.9	8	2.8	1.14	10.0		91	165	21	25	19	16	0	0	0	1	2	2	0	2				4.12			
LEEMING	21-9	32	14.9	7.2	11.1		21.0	23	2.4	1	11.3	9.5	97	217	19	25	21	17	0	0	0	0	3	0	0	0	2				4.21		
MALHAM TARN	9 9	395	(12.2)	(5.1)	(8.7)	(9.0)	17.7	7	1.3	1	(8.9)		158	163	20	11	(25)	(23)	1	0	0	1	1	0	0	0	7				5.01	84	
PICKERING	9 9	44	15.3	6.3	10.8		21.7	8	-1.3	1			115	240	25	25	23	17	0	0	0	1	0	0	0	2							
SCARBOROUGH	9 9	53	14.2	7.4	10.8		19.9	17	4.0	4	11.2	9.8	77	160	11	29	20	16	0	0	0	2	0	1	0	0	2						
SILPHO MOOR	9 9	203	13.7	6.1	9.9		18.6	17	2.9	13	9.4		95	146	13	29	21	18	0	0	0	1	0	0	1	0	4				3.33		
SNATZEHOLME	9 9	290	11.9	5.2	8.5		18.3	23	0.7	1	8.7		135		20	3	24	20	0	0	0	1	0	0	1	0	3				4.81		
WHITBY	9 9	40	14.1	7.1	10.6		20.5	22	2.8	1			84		16	25	21	15	0	0	0	1	0	2	1	0	0						
WHITBY (COASTGUARD)	21-9	60	13.4	6.9	10.1		19.8	22	2.9	1			86		14	25	22	16	0	0	0	0	1	1	0	0	0				4.20		
YORK (HESLINGTON)	9 9	20	15.3	7.4	11.3		19.8	8	0.2	1	11.4	10.3	113	252	17	25	21	17	0	0	0	0	0	0	0	1							
HUMBERSIDE																																	
BRIOLINGTON	9 9	48	13.7	6.6	10.1		18.6	22	1.2	1			78	145	16	29	19	16	0	0	0	1	3	0	0	1	5				4.85		
BRIGG	9 9	3	16.3	7.2	11.7		21.8	8	1.4	1			82	160	19	25	17	14	0	0	0	2	0	0	0	0	0						
CLEETHORPES	9 9	7	15.2	8.0	11.6	+0.6	22.0	17	3.0	14			51	112	18	25	11	10	0	0	0		0	0	0	0	0						
HULL	9 9	2	15.8	8.3	12.1	+0.7	21.3	17	4.5	1.14	12.4	11.0	144	301	26	25	22	19	0	0	0	3	0	0	0	0	1				4.78	83	
KILNSEA	21-9	12	13.1	7.7	10.4		19.4	17	4.8	1			62		20	25	16	10	0	0	0	0	0	0	0	0	0				5.09		
LINCOLNSHIRE																																	
BINBROOK	21-9	108																															
CAISTON	9 9	55	16.4	7.1	11.7		21.6	17	-0.8	1			66		22	25	18	16	0	0	0		1	0	0	0	0						
CRANWELL	9 9	62	16.3	6.9	11.6	+0.5	21.6	24	3.0	1	12.3	10.8	48	98	11	25	18	10	0	0	0	2	5	0	0	0	0				4.83	76	
KIRTON	9 9	4	16.4	(6.8)	(11.6)		21.2	17	0.7	1	11.3	9.8	50		8	29	18	13	0	0	0	1	0	0	0	0	0				5.26		
LINCOLN	9 9	7	16.4	7.3	11.9	+0.8	21.6	8	1.6	14	11.2	9.9	55		12	25	16	10	0	0	0	1	0	0	0	0	0				4.60		
SKEGNESS	9 9	5	15.6	8.2	11.9	+1.1	21.5	17	2.5	1			66	151	13	29	14	11	0	0	0	0	0	0	0	0	0				5.61	87	
WADINGTON	21-9	68	16.1	7.5	11.8	+0.7	21.0	7	3.5	15			54	117	12	25	17	12	0	0	0	3	5	0	0	0	0				4.75	73	
3 EAST ANGLIA																																	
NORFOLK																																	
COLTISHALL	21-9	17	16.7	7.2	11.9		21.7	17	3.1	15			30	69	10	20	13	6	0	0	0	1	2	0	0	6	0	0					
COSTESSEY	9 9	20																															
CROMER	9 9	54	15.9	7.8	11.9	+0.8	22.4	17	3.8	14			36	79	11	20	15	7	0	0	0	1	2	0	0	0	0				6.76	104	
EAST DEREHAM	9 9	53	18.1	6.9	12.5		24.7	9	2.8	1			41		16	26	16	8	0	0	0	0	0	0	0	0	0						
GORLESTON	21-9	4	15.2	8.2	11.7	+0.8	23.0	22	4.9	15	11.9	10.7	22	55	8	19	8	7	0	0	0	0	0	0	0	0	0				6.72	99	
MARIHAM	21-9	23	17.4	7.5	12.5		24.0	9	-0.6	1			31		8	29	15	6	0	0	0	2	4	0	1	3	0				5.85		
MORLEY ST BOTOLPH	9 9	48	16.7	7.0	11.9		24.0	7	1.3	1	12.7		47		21	20	14	6	0	0	0	0	1	0	0	0	0				6.18		
SANTON DOWNHAM	9 9	24	17.9	5.6	11.7		25.8	7.9	-3.5	1	10.9	9.6	41	86	7	26	17	10	0	0	0		0	0	3	8				6.17			
SCALE	9 9	27	18.1	7.3	12.7		26.9	7	0.5	1	13.4	12.2	22		6	12	12	7	0	0	3	0	2	0	0	0	2				6.52		
TERRINGTON ST CLEMENT	9 9	3	16.9	6.7	11.8	+0.5	21.4	17.18	-0.4	14	12.3		47	97	10	7	17	10	0	0	0	0	2	0	1	4				5.50	85		
CAMBRIDGESHIRE																																	

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

MAY 1976

DISTRICT REGION/COUNTY AND PLACE	MAX. TERMINAL HEIGHT OF STATION ABOVE MSL (METRES)	MIN. HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C								MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL H 09 GMT)		WEATHER (NUMBER OF DAYS)										BRIGHT SUNSHINE								
			MEANS OF		DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY	PRECIP- ITATION	0.2 MM OR MORE	1.0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS MIN. 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 ...	99	134	14.6	7.4	+0.5	19.6	23	2.3	1	10.8	9.2	99	157	13	2	23	19	0	0	0	0	3	0	0	0	1	-	0	4.32	78	S		
BRAMHAM ...	99	54	15.0	6.9	-	19.3	23	2.2	1	-	-	117	217	18	29	22	17	0	0	0	0	2	0	0	0	4	-	0	-	-	-	-	
HUDDERSFIELD																																	
DAKES ...	21-9	232	15.1	6.8	+0.5	20.9	23	2.3	1	10.4	8.3	116	162	21	2	22	19	0	0	2	0	7	4	0	4	1	2	4.49	86	-	-	-	
RAVENSKNOLLE ...	99	99	15.6	7.9	+0.8	21.2	23	1.7	1	11.6	10.0	108	174	15	28	20	18	0	0	0	2	4	0	0	1	0	-	0	4.84	97	-	-	
ILKLEY ...	99	83	15.1	7.3	+0.5	20.5	23	1.0	1	-	-	106	163	12	29	22	19	0	0	0	0	1	0	0	0	-	0	-	4.15	75	-	-	
TODMORRE ...	99	160	14.2	6.8	+0.5	20.8	23	0.0	1	-	-	127	-	25	2	24	21	0	0	0	0	5	0	0	-	0	-	-	-	-	-	-	
PONTEFRAC ...	99	78	(15.3)	(7.6)	(11.5)	(21.0)	24	2.6	1	-	-	93	185	19	29	20	15	0	0	0	0	0	0	0	-	-	0	-	-	-	-	-	
WILSDEN ...	99	262	13.8	6.2	-	20.0	23.24	2.5	1	-	-	109	-	16	28	21	20	0	0	1	0	3	2	0	1	0	0	-	-	-	-	-	
SOUTH YORKSHIRE																																	
FINNINGLEY ...	21-9	10	16.4	7.1	-	21.8	24	-0.7	1	-	-	68	145	13	29	18	14	0	0	0	1	5	0	1	3	1	0	4.42	-	-	-	-	
SHEFFIELD ...	99	131	15.8	7.9	+0.6	21.6	7	3.3	1	11.8	10.0	80	123	17	29	17	15	0	0	1	0	1	-	-	-	-	0	4.79	91	-	-	-	
DERBYSHIRE																																	
ASHOVER ...	99	178	15.3	7.1	-	21.3	8.24	2.2	1	-	-	57	-	8	19.29	19	14	0	0	0	2	3	2	0	1	-	-	0	4.97	-	-	-	-
BUXTON ...	99	307	13.3	6.4	+0.5	19.5	7	0.1	1	10.6	9.9	131	153	17	3	22	20	0	0	2	0	3	1	0	1	-	0	-	-	-	-	-	
DERBY ...	99	48	16.7	8.2	-	23.2	7	0.7	1	-	-	45	86	6	28	18	13	0	0	0	1	2	1	0	0	-	0	4.51	-	-	-	-	
MORLEY ...	99	107	15.9	6.9	-	21.9	7	1.8	1	-	-	58	105	15	8	18	13	0	0	0	0	0	-	0	3	2	0	4.06	-	-	-	-	
WINGERWORTH ...	99	126	15.5	6.3	-	21.2	7	-1.2	1	11.5	-	55	-	11	29	17	13	0	0	1	0	4	1	1	4	2	0	4.61	-	-	-	-	
NOTTINGHAMSHIRE																																	
MANSFIELD ...	99	114	15.7	7.7	+0.6	21.5	8	4.0	1.14	12.0	-	46	-	8	28	18	14	0	0	0	0	0	2	-	-	0	-	-	-	-	-	-	
NEWTHORPE ...	99	58	(16.4)	(6.8)	(11.6)	-	22.0	8	-2.3	1	-	38	-	6	28	17	13	0	0	-	-	1	0	1	-	-	0	-	-	-	-	-	
NOTTINGHAM ...	99	59	16.2	8.6	+0.7	23.0	8	4.0	1	12.0	10.2	37	75	10	28	14	11	0	0	0	0	0	0	1	0	-	0	-	-	-	-	-	
SUTTON BONINGTON ...	99	48	16.5	7.3	+0.8	22.2	7.8	0.4	1	11.0	9.8	41	81	11	12	17	10	0	0	0	1	4	0	0	5	1	0	4.92	86	-	-	-	
WARSOP ...	99	46	16.3	6.9	+0.6	22.4	8	-0.4	14	-	-	42	82	7	28	17	12	0	0	1	0	3	0	1	4	0	0	4.54	-	-	-	-	
WATNALL ...	21-9	117	16.2	7.4	+0.7	22.5	7.24	2.4	1	-	-	56	100	15	7	20	13	0	0	3	2	5	0	1	3	0	0	3.94	70	-	-	-	
STAFFORDSHIRE																																	
KEELE ...	99	179	14.7	6.9	-	20.7	7	2.4	1	10.9	9.1	86	135	22	25	23	18	0	0	0	1	5	0	0	3	0	0	4.31	-	-	-	-	
DAKEN ...	99	125	16.0	7.1	+0.6	23.2	7	3.1	1	11.8	-	78	120	12	24	22	16	0	0	1	0	4	1	0	1	-	0	-	-	-	-	-	
PENKIRIDGE ...	99	101	15.9	6.6	-	22.3	7	2.8	1	-	-	82	135	12	24	22	16	0	0	0	3	1	0	0	1	-	0	-	-	-	-	-	
STONE ...	99	107	15.3	6.7	-	21.4	7	1.1	1	-	-	81	136	19	25	20	16	0	0	3	0	5	0	0	6	-	0	4.55	-	-	-	-	
LEICESTERSHIRE																																	
CALDECOT ...	99	52	16.8	6.3	-	22.8	8	-2.5	1	-	-	47	105	8	28	13	11	0	0	0	0	1	2	5	-	0	4.68	-	-	-	-	-	
NEWTOWN LINCOLN ...	99	119	16.3	6.7	-	22.6	7	0.0	1	-	-	45	79	8	28	21	14	0	0	0	0	5	-	-	-	0	4.24	-	-	-	-	-	
SALOP																																	
NEWPORT ...	99	64	16.1	7.1	+0.7	22.5	7	1.8	1	-	-	76	129	12	24	22	18	0	0	3	1	5	0	0	3	-	0	4.96	88	-	-	-	
OSMESTRY ...	99	174	14.7	7.0	+0.2	21.0	9	2.0	1	-	-	77	102	16	7	19	16	0	0	1	0	3	1	0	4	-	0	3.83	67	S	-	-	
SHAWBURY ...	21-9	72	16.2	6.8	+0.4	22.7	7	-0.6	1	-	-	66	110	13	5	21	13	0	0	0	4	3	0	1	6	1	0	4.32	74	-	-	-	
SHREWSBURY ...	99	56	16.5	7.7	+0.7	22.7	7	1.5	1	12.8	11.6	54	94	8	20.24	17	12	0	0	0	0	1	1	0	4	-	0	4.42	77	-	-	-	
WEST MIDLANDS																																	
BIRMINGHAM																																	
EDGECASTON ...	21-9	163	15.9	8.0	+0.5	23.0	7	4.3	1	10.3	-	51	74	8	24	18	14	0	0	3	0	2	1	0	2	0	0	4.74	87	-	-	-	
ELDMON AIRPORT ...	21-9	96	16.3	7.3	+0.8	23.0	7	-1.5	1	-	-	52	-	11	24	17	15	0	0	1	2	4	0	1	4	1	0	5.22	88	-	-	-	
KING EDWARD SCHOOL ...	99	137	16.2	7.7	-	22.8	7	3.1	1	-	-	49	76	10	24	15	14	0	0	0	0	0	1	0	-	0	-	-	-	-	-	-	
COVENTRY AIRPORT ...	99	81	16.7	6.4	-	22.7	7	-1.8	1	10.6	9.9	47	-	7	28	16	11	0	0	0	0	1	0	1	-	0	0	5.88	-	-	-	-	-
WARWICKSHIRE																																	
LONG LAWFORD ...	99	87	17.2	6.7	-	23.3	8	-0.8	1	12.2	-	44	-	7	25	16	11	0	0	1	0	4	1	1	5	-	0	-	-	-	-		

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

MAY 1976

DISTRICT REGION/COUNTY AND PLACE			MAX. TEMP. 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		LOWEST		30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1961-70 AVERAGE	WIND DIRECTION	DATE	PRECIP- ITATION		SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	DEW POINT MIN C	FROST ON 5 DEC C	CONCRETE MIN ON 5 DEC C	GALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1961-70 AVERAGE	EXPOSURE																																	
											MAX.	DATE	MIN.	DATE							0.2 MM OR MORE	1.0 MM OR MORE																																															
																																		MAX. (A)	MIN. (B)																																		

DISTRICT REGION/COUNTY AND PLACE	MAX. TERMINAL HEIGHT FT.	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C								MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL HOURS GMT)		WEATHER (NUMBER OF DAYS)										BRIGHT SUNSHINE						
			MEANS OF		DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY		PRECIP- ITATION 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					PROUNT HOUR	DATE															
7A ENGLAND NW & I.O.M.																															
CUMBRIA																															
CARLISLE	21-9	26	14.5	7.1	10.8	-	-	21.4	23	2.9	4	11.7	10.4	98	166	24	12	20	17	0	0	0	0	0	0	0	0	0	0	3.85	-
CARTMEL	9 9	34	14.5	5.8	10.1	-	-	21.2	23	-3.1	21	-	-	96	-	20	1	18	16	0	0	0	0	0	0	0	0	0	0	-	-
GRIZEDALE	9 9	91	14.2	5.3	9.7	-	-	20.5	23	-0.1	4	9.8	-	117	104	16	24	25	18	0	0	1	0	0	0	0	0	0	0	-	-
HEVERSHAM	9 9	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MOOR HOUSE	9 9	556	10.1	3.4	6.7	-	-	16.5	23	-0.9	9	6.4	-	182	142	37	28	26	22	3	0	4	0	3	4	3	8	2	3.20	-	
NEWTON RIGG	9 9	171	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SELLAFIELD	9 9	13	14.2	8.0	11.1	-	-	20.6	25	3.2	4	-	-	113	161	21	18	19	17	0	0	-	-	-	1	0	5	-	4.50	-	
LANCASHIRE																															
BAILRIGG	9 9	53	14.3	7.3	10.8	-	-	21.2	23	4.1	1	-	-	86	-	14	24	20	16	0	0	0	0	4	4	0	0	0	0	3.94	-
HELMESHORE	9 9	260	13.9	6.6	10.3	-	-	20.7	7	2.0	1	10.4	-	128	133	27	2	20	20	0	0	1	0	3	0	0	0	0	0	-	5
KIRKHAM	9 9	24	14.6	7.4	11.0	-	-	21.4	24	2.3	1	-	-	89	138	14	24	20	16	0	0	0	1	3	0	0	0	0	0	4.53	-
MORECAMBE	9 9	7	14.9	8.5	11.7	+0.2	-	22.9	23	4.1	1	-	-	91	137	14	1	20	16	0	0	0	0	0	0	0	0	0	0	4.25	67
NELSON	9 9	165	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PRESTON	9 9	33	15.0	7.8	11.4	-	-	22.4	7	1.4	1	-	-	107	157	17	24	21	16	0	0	1	1	0	0	0	0	0	0	-	-
SLAYBURN	9 9	192	13.7	6.6	10.1	-	-	19.3	23	0.1	1	-	-	135	145	11	3	26	19	0	0	2	0	0	0	0	0	0	0	3.83	-
SQUIRES GATE AIRPORT	21-9	10	14.9	8.2	11.5																										

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	0-2 MM OR MORE	1-0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS FROST BELOW 0°C	CONCRETE FROST BELOW 0°C	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE																					
8A WALES S CONTINUED																															
WEST GLAMORGAN																															
MUMBLES HEAD ...	21-9	36	14.1	8.9	11.5	-	21.5	8	5.4	1	-	-	-	-	-	-	-	0	0	0	0	1	0	0	0	0	0	2	-	-	
NEATH ...	9 9	62	15.3	8.7	12.0	-	22.9	7	1.5	1	-	-	85	98	13	19	20	17	0	0	0	0	1	0	0	0	0	0	0	0	0
PENMAEN ...	9 9	85	15.1	8.2	11.7	-	21.6	7	3.7	1	12.6	11.7	73	91	10	19	16	13	0	0	0	0	1	0	0	0	0	0	0	5.85	-
PORT TALBOT ...	9 9	7	16.7	9.1	12.9	-	26.1	7	1.6	1	-	-	67	93	9	19	19	14	0	0	1	0	0	0	0	0	0	0	0	5.11	-
SWANSEA ...	9 9	8	-	-	-	-	-	-	-	-	13.8	12.8	82	107	12	19	19	16	0	0	0	0	0	0	0	0	0	0	0	-	5
MID GLAMORGAN																															
ABERDARE ...	9 9	174	15.2	7.3	11.3	-	24.1	7	-0.8	1	-	-	98	-	19	19	16	13	0	0	2	0	0	0	0	1	4	0	0	5.25	-
LLYNYON ...	9 9	242	14.2	6.4	10.3	-	22.8	7	-1.7	1	-	-	111	103	25	19	22	19	1	0	0	0	0	0	0	1	0	0	0	5.25	-
PORTHCALW ...	9 9	6	15.4	9.1	12.3	-	23.5	7	2.2	1	-	-	65	99	11	19	16	13	0	0	0	0	0	2	0	0	0	0	0	7.18	-
SOUTH GLAMORGAN																															
BRIDGEND ...	9 9	43	15.4	7.1	11.3	-	24.0	7	-1.1	1	12.8	10.9	106	-	18	20	18	14	0	0	0	0	0	0	1	2	1	0	0	-	-
RHOOSE AIRPORT ...	21-9	67	15.2	7.5	11.3	-	23.9	7	0.0	1	-	-	61	-	14	19	15	12	0	0	0	0	0	0	0	1	1	0	0	6.47	-
GWENT																															
CRUMBLAND ...	9 9	245	15.3	7.0	11.1	-	23.0	7	4.0	1	11.0	9.9	53	67	15	19	18	13	0	0	0	0	0	0	0	1	0	0	0	5.86	-
NEWPORT ...	9 9	23	16.4	7.7	12.1	-	24.6	7	1.5	1	-	-	63	85	16	19	18	12	0	0	0	0	0	0	0	0	0	0	0	5.38	-
USK ...	9 9	21	17.0	7.0	12.0	+0.6	25.0	7	-1.8	1	13.2	-	51	63	16	19	16	12	0	0	0	0	0	0	1	3	0	0	0	5.58	97
8B ENGLAND SW																															
AVON																															
BATH ...	9 9	118	16.2	8.4	12.3	-	25.5	7	4.0	1	12.3	-	34	49	9	18	12	8	0	0	0	0	0	0	0	0	0	0	0	-	-
FILTON ...	21-9	59	16.8	8.2	12.5	+0.8	25.8	7	2.2	1	-	-	38	59	11	19	14	9	0	0	1	1	0	0	0	0	3	1	0	6.02	98
LONG ASHTON ...	9 9	51	16.4	7.6	12.0	+0.3	25.2	7	1.7	1	12.9	-	42	60	13	18	12	10	0	0	0	0	0	0	0	2	0	0	0	6.70	106
SOMERSET																															
CANNINGTON ...	9 9	23	16.8	7.9	12.3	+0.5	25.7	7	-1.0	1	13.4	-	23	36	7	18	12	7	0	0	0	0	0	0	1	21	0	0	0	6.00	90
DOWNSIDE ABBEY ...	9 9	183	15.7	7.2	11.5	-	25.2	7	1.4	1	-	-	41	49	11	19	13	10	0	0	0	0	0	0	0	0	0	0	0	-	-
EXTON ...	21-9	335	14.4	6.3	10.3	-	23.6	7	0.4	1	-	-	77	-	19	19	16	12	0	0	1	0	0	0	0	0	3	1	0	-	-
HAKKIRIDGE ...	9 9	314	13.8	6.2	10.0	-	22.0	7	-0.5	1	-	-	83	80	22	19	17	14	0	0	0	0	0	0	1	1	1	0	0	4.81	-
NETTLECOMBE ...	9 9	96	15.9	6.6	11.3	-	22.5	7	-1.1	1	13.3	-	40	-	12	19	13	9	0	0	0	0	0	0	0	1	1	0	0	-	-
RODNEY STOKE ...	9 9	40	16.1	7.4	11.7	-	25.7	7	0.6	1	12.2	10.6	32	47	8	18	14	11	0	0	0	0	0	0	1	0	3	0	0	-	-
WINCANTON ...	9 9	114	16.4	6.3	11.3	-	26.0	7	0.5	1	-	-	23	33	4	18	12	8	0	0	0	0	0	0	0	0	1	0	0	-	-
YEovilTON ...	21-9	18	16.8	6.6	11.7	-	26.2	7	-1.9	1	-	-	22	36	10	18	9	6	0	0	2	0	0	0	0	1	1	0	0	-	-
DORSET																															
BOURNEMOUTH																															
HURN AIRPORT ...	21-9	10	17.4	7.1	12.3	-	25.6	7.9	-0.8	1	-	-	17	29	6	19	10	6	0	0	0	0	2	0	2	3	1	0	0	7.48	-
MEYRICK PARK ...	9 9	40	16.3	8.3	12.3	+0.5	24.2	9	1.8	1	12.4	10.8	23	41	8	19	12	8	0	0	1	0	0	0	0	2	1	0	0	8.26	115
CHRISTCHURCH ...	9 9	3	16.8	8.3	12.5	-	26.1	9	-0.6	14	-	-	29	53	14	19	9	8	0	0	1	0	1	0	1	3	0	0	0	-	-
POOLE ...	9 9	5	17.2	7.7	12.5	+0.4	24.8	8	0.3	1	12.9	12.0	26	46	10	19	11	8	0	0	0	0	0	0	0	21	0	0	0	7.61	105
PORTLAND BILL (COASTGUARD)	21-9	53	14.1	8.8	11.5	+0.4	21.3	8	5.3	1	-	-	25	-	13	19	7	5	0	0	0	0	1	0	0	1	0	0	0	7.75	-
SWANAGE ...	9 9	11	15.6	8.9	12.3	+0.8	25.0	9	3.1	1	-	12.1	25	45	11	19	9	7	0	0	0	0	0	0	0	0	0	0	0	8.11	109
WEYMOUTH ...	9 9	23	16.1	8.5	12.3	-	24.2	8	1.2	1	-	-	22	-	5	18	11	7	0	0	0	0	0	0	0	0	0	0	0	7.90	107
WIMBORNE ...	9 9	26	16.8	7.0	11.9	-	24.5	7.8	-1.0	1	-	-	21	35	7	19	12	6	0	0	0	0	0	0	1	6	0	0	0	-	-
DEVON																															
CHELDON BARTON ...	9 9	164	15.3	6.6	10.9	-	23.5	7	-1.0	1	11.6	-	49	-	14	19	17	10	0	0	0	0	0	0	1	3	0	0	0	5.36	-
EXETER AIRPORT ...	21-9	32	16.4	7.3	11.9	+0.4	23.3	8	-0.6	1	-	-	23	39	7	18	13	9	0	0	0	0	1	0	0	1	5	1	0	5.85	90
EXMOUTH ...	9 9	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HARTLAND POINT ...	21-9	91	13.2	9.0	11.1	+0.2	21.3	23	3.7	1	-	-	45	78	8	19	16	13	0	0	0	0	0	0	0	0	0	0	2	6.53	92
ILFRACOMBE ...	9 9	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NEWTON ABBOT ...	9 9	83	-	7.8	-	-	-	-	3.9	14	-	-	29	39	8	18	10	7	0	0	0	0	0	0	0	1	0	0	0	6.33	94
PLYMOUTH																															
MOUNT BATTEN ...	21-9	27	14.7	8.8	11.7	+0.2	21.2	8	0.9	1	-	-	38	56	9	19	13	11	0	0	0	0	0	1	0	1	0	0	0	7.21	101
THE HOE ...	9 9	36	15.4	8.7	12.1	+0.1	21.5	8	1.7	1	12.5	11.2	31	46	9	19	10	8	0	0	0	0	0	0	0	1	0	0	0	6.81	97
PRIMLEY POINT ...	21-9	59	-	-	-	-	-	-	-	-	-	-	-	-	-																

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 4-6)	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					ANY LIGHT	DATE																			
NORTHERN IRELAND																																			
LONDONDERRY																																			
AGHANLOO	9 9	18	14.3	6.4	10.3	-		18.5	24	2.1	6					117	12	17	22	22															
BANAGHER(CAUGH HILL)	9 9	216	13.3	5.3	9.3	-		17.3	22	1.8	13					149	14	31	23	22															
CARMONEY	9 9	73	14.1	6.4	10.3	-		18.2	7	2.3	10					116	21	19	23	21															
COLERAINE UNIVERSITY	9 9	23	13.9	6.3	10.1	-		18.6	24	0.4	10	10.6	9.4			105	19	31	23	18															
COOLKEERAGH	9 9	3	14.6	6.8	10.7	-		19.5	24	3.0	10					101	11	19	19	19															
DERRYNOYO FOREST	9 9	88	14.1	5.4	9.7	-		18.3	22	0.3	10					136	170	17	24	22															
GARYVAH FOREST	9 9	88	13.9	5.1	9.5	-		18.4	22	-0.6	10	11.2	9.2			119	148	15	31	23	21														
LOUGHMORE FOREST	9 9	174	13.3	4.9	9.1	-		17.7	24	-1.1	10					142	186	18	19	23	21														
MONEYDIG	9 9	34	14.6	5.6	10.1	-0.2		18.8	22	-0.7	10	11.8				112	161	18	19	22	18														
SOMERSET FOREST	9 9	43	14.8	5.9	10.3	-		18.5	6	2.0	6.18					105	170	12	17	25	20														
TRAID POINT	9 9	16	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ANTRIM																																			
ALDERGROVE AIRPORT	21-9	68	14.5	6.4	10.5	+0.1		18.1	22	2.0	10	11.5	9.7			79	127	9	25	23	18														
ALTNAHINCH	9 9	226	12.9	5.1	9.0	-		17.5	24	-0.2	13					160	165	21	31	26	22														
BALLYLUMFORD	9 9	24	14.2	7.1	10.7	-		18.3	23	3.5	13					81	-	20	31	18	14														
BALLYMONEY	9 9	55	14.3	5.6	9.9	-		19.0	23-24	1.0	6																								
BALLYPATRICK FOREST	9 9	152	12.7	5.5	9.1	-		18.1	22	1.1	20					125	159	21	31	24	20														
CARLUGH	9 9	12	13.9	6.5	10.2	-		18.1	22	1.4	6					88	-	10	30	24	19														
DIVIS MOUNTAIN	9 9	363	11.8	4.4	8.1	-		15.5	24	1.3	13					154	187	16	21	21	21														
GREENMOUNT	9 9	32	14.7	6.1	10.4	-		18.6	22	0.1	6	11.7				85	144	11	30	21	18														
KILROOT POWER STATION	9 9	12	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LARNE	9 9	43	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LISNAFFILLAN	9 9	38	14.1	5.7	9.9	-		18.3	24	0.7	10					119	188	13	17	24	22														
LOWTOWN	9 9	271	12.3	4.9	8.6	-		16.0	22	0.6	13	9.1				141	147	15	29	24	18														
MALLUSK(HYDE PARK)	9 9	140	13.6	5.2	9.4	-		18.0	22	2.0	6.18					124	-	24	30	18	16														
PARKMORE FOREST	9 9	235	12.5	4.7	8.6	-		16.3	24	0.2	6.10	9.5				152	149	21	31	24	22														
WOODBURN NORTH	9 9	217	12.8	4.9	8.9	-		17.0	7	1.0	10					137	165	16	16	25	21														
BELFAST																																			
MALONE	9 9	35	14.5	6.6	10.5	-		18.0	22	2.9	3	11.3				108	-	13	30	20	18														
MILLTOWN	9 9	37	14.9	6.7	10.8	-		18.5	22	2.5	13					107	-	13	30	20	18														
NEWTONABBAY	9 9	32	14.3	7.7	11.0	-		18.0	22-24	3.8	13	12.0				106	156	12	16	22	20														
ROSEBANK	9 9	47	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ROSETTA	9 9	24	14.7	7.0	10.9	-		18.6	22	3.5	3					97	154	10	25	21	19														
STORMONT CASTLE	9 9	56	14.2	6.8	10.5	-		17.8	7-22	2.8	13	11.9	10.5			81	131	9	16	20	19														
DOWN																																			
BANGOR SEACOURT	9 9	15	14.4	7.7	11.1	-		17.9	22	5.0	21	11.5	10.6			93	-	10	25	25	17														
BALLYWALTER PARK	-	11	-	-	-	-		-	-	-	-	-	-	-	-	92	156	19	30	22	16														
BALLYWATTICOCK	-	6	14.3	7.0	10.7	-		17.4	8	3.0	19					82	154	18	30	25	16														
CREIGHTONS GREEN	9 9	119	13.7	6.7	10.2	-		17.7	22	3.4	6					89	133	13	30	21	21														
DOWNPATRICK	9 9	26	14.3	7.0	10.7	-		18.2	22	3.1	13					83	-	15	30	20	17														
HELENS BAY	9 9	43	14.7	7.3	11.0	-		18.3	22	4.5	19					80	138	10	30	23	17														
HILLSBOROUGH	9 9	116	13.7	5.4	9.5	-0.4		17.7	22	1.7	11	10.5	9.1			90	149	9	25	22	20														
KILKEEL	21-9	18	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
KILLLOUGH	21-9	15	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MURLLOUGH	9 9	9	14.2	5.7	9.9	-		17.7	22	1.2	20	10.5	9.8			85	-	21	16	21	18														
ARMAGH																																			
ARMAGH	9 9	62	14.8	6.6	10.7	-0.2		18.1	6	1.3	13	13.0	11.8			102	167	17	16	23	20														
LOUGHGALL	9 9	25	14.6	6.4	10.5	-		18.0	22	1.8	10					100	179	16	16	23	21														
LURGAN	9 9	55	14.9	6.7	10.8	-		17.5	7	2.1	10	11.7	10.4			80	143	12	19	21	17														
PORTADOWN	9 9	16	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TANDRAGEE	9 9	43	15.6	6.2	10.9	-		19.0	22	2.0	6.10.13					78	-	10	16	21	20														
TYRONE																																			
CARRIGANS	21-9	113	13.7	5.6	9.7	-		17.8	6	1.0	10					143	186	16	31	27	22														
COOKSTOWN	9 9	77	14.1	5.5	9.8	-		18.5	22	1.2	13	11.0				116	176	18	17	23	21														
LOUGH BRADAN	9 9	169	12.8	4.5	8.7	-		16.9	22-23	-1.5	10					169	178	18	16	26	22														
POMEROY FOREST	9 9	174	13.3	5.6	9.5	-		17.2	6	0.5	13	11.3				141	193	15	17	24	22														
STRABANE CONVENT	9 9	44	14.3	6.7	10.5	-		19.6	23	1.9	10					140	219	14	29	24	23														
TIENVENNY	9 9	41	14.0	6.1	10.1	-		18.5	22	1.3	10					115	-	13	16	26	25										</				

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

MAY 1976

STATION	HEIGHT OF BAROMETER ABOVE MSL (METRES)	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY			CLOUD AMOUNT					VISIBILITY					WIND SPEED AND DIRECTION																					
			AT MSL (MB)	DIFFERENCE FROM 1941-70 AVERAGE	DRY BULB DEGREES C	DEPRESSION OF WET BULB DEGREES C	VAPOUR PRESSURE (MB)	RELATIVE HUMIDITY (%)	OKTAS					0 - 39M	40 - 190M	200 - 390M	400 - 990M	1000 - 1900M	2000 - 3900M	4 - 9KM	10 - 19KM	20 - 39KM	40KM AND OVER	BEAUFORT FORCE					N	NE	E	SE	S	SW	W	NW			
									0	1 - 2	3 - 5	6 - 7	8											SKY OBSERVED	0 OR MORE	3-4	5-6	7-8									9-10	CALM	
NUMBER OF OBSERVATIONS												SPEED (KT)																											
0 SCOTLAND N SHETLAND																																							
LERWICK	83	3	1010.7	-	6.7	-	8.6	-	6.4	1	2	4	12	12	0	0	0	0	0	2	12	4	9	4	0	3	18	7	3	4	1	0	6	9	3	4	1		
		9	1011.1	- 3.4	8.3	-	-	-	6.2	0	3	5	10	12	1	0	0	0	1	2	7	5	9	6	0	3	19	7	1	2	2	6	10	3	4	2			
		15	1011.3	-	9.2	2.1	8.7	75	5.9	2	2	6	12	9	0	0	0	0	2	7	6	8	8	0	2	21	8	0	0	0	7	11	6	1	2				
		21	1011.2	-	7.1	-	8.9	-	6.6	1	2	1	14	11	2	0	0	0	1	2	9	6	4	7	0	4	12	14	1	3	4	5	10	4	2	2			
ORKNEY																																							
KIRKWALL	26	3	1010.1	-	7.1	0.6	9.3	91	5.7	2	5	0	16	8	0	0	0	0	0	1	9	5	12	4	0	1	14	16	0	1	0	2	7	10	5	3	3		
		9	1010.5	- 4.1	9.5	1.4	9.8	82	6.1	0	3	7	11	10	0	0	0	0	0	1	4	9	8	9	0	1	16	14	0	2	2	1	8	10	4	2	2		
		15	1010.1	-	10.9	2.0	9.9	76	5.1	0	9	3	12	7	0	0	0	0	2	3	7	10	9	0	3	17	11	0	2	2	2	10	9	0	3	3			
		21	1010.1	-	7.8	0.8	9.5	89	5.8	0	6	3	14	8	0	0	0	0	0	6	9	10	6	0	1	14	14	2	1	0	4	11	9	0	3	1			
WESTERN ISLES																																							
BENBECULA	7	3	1008.5	-	8.1	0.7	9.9	91	5.5	0	6	4	15	6	0	0	0	0	0	5	3	11	12	0	1	16	12	2	3	1	1	6	13	3	2	0			
		9	1008.4	- 5.7	10.1	1.3	10.4	84	6.0	0	5	3	15	8	0	0	0	0	0	1	3	5	10	12	0	5	12	14	0	2	0	1	4	5	13	4	1	4	
		15	1008.3	-	11.1	1.7	10.4	79	5.6	0	4	8	11	8	0	0	0	0	0	1	3	5	11	11	0	6	13	12	0	2	0	3	5	8	7	4	3		
		21	1008.6	-	9.0	0.9	10.1	87	5.9	0	4	6	13	8	0	0	0	0	0	0	5	3	14	9	0	2	13	15	1	5	0	3	5	7	5	3	2		
STORNOWAY	5	3	1008.7	-	7.2	0.5	9.6	93	4.8	0	9	7	10	5	0	0	0	0	0	4	5	20	2	0	2	12	15	2	1	0	2	3	12	6	3	2			
		9	1008.9	- 5.4	9.9	1.2	10.4	85	6.0	0	2	9	13	7	0	0	0	0	0	3	3	18	7	0	4	14	13	0	1	2	1	5	16	3	1	2			
		15	1008.6	-	10.5	1.3	10.7	84	6.7	0	1	3	21	6	0	0	0	0	0	4	5	13	9	0	4	16	11	0	1	3	3	4	13	3	2	2			
		21	1008.7	-	8.5	0.7	10.1	90	5.6	0	5	7	12	7	0	0	0	0	0	3	3	13	12	0	0	14	17	0	3	1	3	2	12	7	2	1			
HIGHLAND																																							
CAPE WRATH	113	3	1008.5	-	8.1	0.8	9.7	89	5.0	0	6	11	8	6	0	0	0	0	0	0	1	20	10	0	2	14	15	0	1	1	3	5	5	13	2	1			
		9	1009.0	-	9.0	0.8	10.3	89	5.7	0	5	8	10	8	0	0	0	0	0	4	1	14	12	0	3	13	15	0	3	2	2	6	3	12	3	0			
		15	1008.7	-	9.5	0.9	10.5	88	6.1	0	2	8	9	8	4	2	0	0	0	1	4	14	8	1	1	11	18	0	1	2	4	3	1	14	5	1			
		21	1008.6	-	8.6	0.8	10.1	90	5.9	0	3	7	13	8	0	0	0	0	0	2	3	19	7	0	3	7	20	1	2	1	4	5	2	9	5	2			
WICK	37	3	1010.4	-	7.3	0.8	9.2	89	5.7	0	7	2	15	6	1	0	0	0	1	4	3	5	11	6	0	13	18	0	3	0	0	8	11	4	3	2			
		9	1010.6	- 4.1	9.2	1.3	9.6	82	6.5	0	1	6	14	10	0	0	0	0	0	1	4	7	6	13	0	0	17	14	0	4	1	1	7	13	2	2			
		15	1010.1	-	10.6	1.8	9.9	78	5.5	0	4	8	15	4	0	0	0	0	0	3	5	14	9	0	2	19	10	0	2	1	0	12	11	2	0	3			
		21	1010.1	-	8.3	1.0	9.4	85	5.6	0	4	8	16	3	0	0	0	0	1	6	7	9	8	0	0	12	19	0	1	1	2	9	12	1	3	2			
1 SCOTLAND E GRAMPIAN																																							
DYCE	59	3	1011.6	-	7.1	0.7	9.2	90	6.2	1	4	0	15	8	3	0	0	1	2	1	2	5	2	9	9	0	4	21	6	0	0	2	7	5	6	0	5		
		9	1011.6	- 3.4	10.1	1.7	9.8	79	6.5	0	2	3	14	11	1	0	0	0	1	3	5	5	11	0	0	10	21	0	0	0	0	7	10	3	1	8			
		15	1010.9	-	12.0	2.4	10.1	73	6.3	0	4	4	14	9	0	0	0	0	1	8	4	10	7	0	1	16	14	0	1	0	4	10	12	2	0	2			
		21	1011.3	-	8.8	1.2	9.6	84	6.0	0	3	7	12	9	0	0	0	0	0	5	9	6	6	5	0	1	5	22	3	0	1	4	3	13	3	1	3		
FRASERBURGH	22	3	1011.5	-	7.6	0.8	9.4	89	6.1	0	2	8	9	12	0	0	0	0	1	1	7	22	0	0	2	11	18	0	1	0	1	8	11	5	1	4			
		9	1011.7	- 3.2	9.8	1.5	9.8	81	6.3	0	3	5	9	13	1	0	0	0	0	6	24	0	0	2	11	18	0	1	0	3	6	11	2	3	5				
		15	1011.2	-	11.0	1.9	10.1	77	5.9	1	3	7	8	12	0	0	0	0	0	0	2	29	0	0	2	15	14	0	2	1	5	10	8	1	1	3			
		21	1011.3	-	8.9	1.1	9.8	86	6.2	0	1	8	8	14	0	0	0	0	0	0	8	23	0	0	1	10	20	0	0	1	1	10	11	4	3	1			
KINLOSS	6	3	1010.6	-	7.7	1.2	8.8	84	5.5	0	7	2	19	2	1	0	0	1	1	0	1	2	13	12	0	1	6	22	2	0	0	3	2	12	9	2	1		
		9	1010.6	- 4.2	11.1	2.2	9.6	73	5.9	0	3	6	14	8	0	0	0	0	0	2	5	6	18	0	1	12	18	0	4	0	4	1	7	8	6	1			
		15	1009.6	-	13.0	3.0	10.0	68	6.0	0	4	3	20	4	0	0	0	0	0	2	3	15	11	0	3	17	11	0	6	5	3	3	8	0	1	1			
		21	1010.1	-	9.8	1.6	9.7	80	6.0	0	2	6	20	3	0	0	0	0	0	1	7	11	12	0	2	7	22	0	0	1	7	4	6	9	3	1			
LOSSIEMOUTH	6	3	1010.5	-	7.2	1.1	8.7	85	5.5	0	5	5	20	1	0	0	1	0	0	2	5	7	14	0	0	9	18	4	0	0	4	4	9	6	3	1			
		9	1010.5	-	10.9	2.3	9.5	72	6.1	0	2	6	16	7	0	0	0	0	0	3	5	6	17	0	1	16	14	0	1	0	2	7	5	7	8	1			
		15	1009.7	-	12.4	2.9	9.6	68	6.0	0	2	8	15	6	0	0	0	0	1	0	6	8	14	0	4	16	11	0	2	3	6	6	5	3	3				
		21	1010.1	-	9.5	1.6	9.5	80	6.0	0	3	7	18	3	0	0	0	0	0	2	8	9	12	0	2	8	19	2	0	0	6	6	7	7	2	1			
TAYSIDE																																							
USAN	35	9	1012.5	-	9.3	0.9	10.3	88	6.7	0	2	3	9	16	1	0	1	0	0	0	1	6	6	6	11	0	2	15	14	0	1	2	4	5	12	4	1	2	
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
		21	1012.0	-	8.9	0.9	10.1	88	6.5	0	4	4	8	15	0	0	0	0	0	0	1	0	7	2	7	14	0	2	12	11	6	2	0	4	3	7	6	2	1
		FIFE																																					
LEUCHARS	12</																																						

STATION	HEIGHT OF BAROMETER ABOVE MSL (METRES)	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY		CLOUD AMOUNT						VISIBILITY						WIND SPEED AND DIRECTION																								
			AT MSL (MB)	DIFFERENCE FROM 1941-70 AVERAGE	DRY BULB DEGREES C	DEPRESSION OF WET BULB DEGREES C	VAPOUR PRESSURE (MB)	RELATIVE HUMIDITY (%)	OKTAS						0 - 39M	40 - 190M	200 - 390M	400 - 990M	1000 - 1900M	2000 - 3900M	4 - 9KM	10 - 19KM	20 - 39KM	40KM AND OVER	BEAUFORT FORCE					N	NE	E	SE	S	SW	W	NW						
									MEAN	0	1-2	3-5	6-7	8											SKY OBSCURED	34 OR MORE	6-7	4-5	1-3									CALM					
																																							SPEED (KT)				
																																							22-33	11-21	1-10	0	
NUMBER OF OBSERVATIONS																																											
6 SCOTLAND W-CONTD. DUMFRIES & GALLOWAY																																											
ESKDALEMUR	237	3	1012.5	-	6.1	0.5	8.9	93	6.5	0	1	8	5	16	1	0	0	1	1	4	9	5	9	1	0	1	4	14	12	4	0	0	2	7	3	2	1						
		9	1012.1	-2.9	9.0	1.3	9.7	84	7.0	0	0	4	12	14	1	0	0	1	0	1	12	7	7	7	0	0	1	4	19	3	1	4	2	3	10	4	3						
		15	1011.1	-	11.0	2.3	9.8	76	6.9	0	1	3	14	13	0	0	0	0	1	0	5	13	9	3	0	0	2	14	13	2	1	1	3	17	4	1	1						
		21	1012.1	-	7.9	0.9	9.5	89	6.6	0	1	5	16	9	0	0	0	0	0	1	7	10	12	1	0	2	2	15	12	0	2	0	2	8	4	1	2						
2 ENGLAND E & NE NORTHUMBERLAND																																											
BOULMER	-	3	1012.3	-	7.7	0.6	9.7	92	5.8	1	3	7	12	8	0	0	0	0	0	1	4	8	5	6	7	0	1	3	26	1	4	0	3	5	7	2	5	4					
		9	1012.5	-	10.2	1.3	10.4	84	6.3	0	5	1	13	12	0	0	0	0	0	6	9	4	5	7	0	0	9	22	0	1	1	4	8	5	5	4	3						
		15	1011.7	-	11.0	1.5	10.7	82	6.3	0	2	6	14	11	0	0	0	0	1	4	7	8	2	0	0	11	20	0	0	1	4	6	5	8	5	2	1						
		21	1012.1	-	9.5	0.9	10.4	88	6.6	0	3	1	18	9	0	0	0	0	2	4	10	6	8	1	0	0	10	21	0	0	1	3	4	10	4	6	3						
SEARHOUSES	12	3	1012.2	-	-	-	-	5.9	0	4	7	11	9	0	0	0	0	0	1	3	11	4	12	0	0	1	7	20	3	1	0	1	2	8	8	6	2	2					
		9	1012.3	-	-	-	-	6.5	0	2	4	16	9	0	0	0	0	0	7	8	2	14	0	0	1	11	15	4	0	1	2	5	9	4	2	4							
		15	1011.5	-	-	-	-	6.5	0	0	7	14	10	0	0	0	0	0	2	11	5	13	0	0	2	14	15	0	0	3	1	4	2	10	8	3	0	0					
		21	1011.8	-	-	-	-	6.3	0	3	4	15	9	0	0	0	0	0	1	2	10	6	12	0	0	2	10	18	1	3	0	1	3	9	8	6	0						
TYNE & WEAR																																											
NEWCASTLE WEATHER CENTRE (X)	72	3	1013.2	-	8.7	1.0	9.7	86	5.5	1	6	5	10	9	0	0	0	1	0	0	3	9	10	6	2	0	0	0	28	3	3	0	3	3	4	6	4	5					
		9	1013.2	-	11.1	2.2	9.7	73	6.5	1	1	5	10	14	0	0	0	0	1	12	7	6	4	0	0	0	6	23	2	2	0	5	3	6	6	4	3						
		15	1012.5	-	12.9	3.2	9.7	66	6.4	0	2	6	14	9	0	0	0	0	0	3	7	7	7	7	0	0	11	20	0	3	0	5	5	7	6	0							
		21	1012.9	-	10.6	1.7	10.1	79	6.0	0	5	4	10	12	0	0	0	0	1	3	10	10	6	1	0	0	1	29	1	4	1	0	6	6	4	7	2						
TYNEMOUTH	40	3	1013.2	-	8.8	0.9	10.1	88	5.8	1	5	3	11	11	0	0	0	0	0	0	2	22	7	0	0	0	1	11	17	2	4	0	1	5	4	5	8	2					
		9	1013.2	-2.4	10.5	1.6	10.3	80	6.2	0	1	9	11	11	0	0	0	0	0	3	9	14	6	0	0	1	12	16	2	3	0	1	6	10	2	6	1						
		15	1012.6	-	10.8	1.6	10.6	81	6.7	0	0	8	11	12	0	0	0	0	1	2	9	14	5	0	0	3	13	15	0	3	1	6	5	12	1	2	0						
		21	1012.9	-	10.2	1.4	10.4	83	6.1	0	2	9	6	14	0	0	0	0	0	3	7	18	3	0	0	1	6	20	4	1	0	2	5	8	4	7	0						
NORTH YORKSHIRE																																											
LEEMING	33	3	1013.4	-	8.3	0.8	9.9	89	6.1	2	1	5	9	14	0	0	0	0	0	1	6	4	7	4	9	0	0	3	25	3	2	0	1	5	7	3	3	7					
		9	1013.4	-2.1	11.3	1.9	10.4	77	6.6	0	1	4	13	13	0	0	0	0	0	2	8	5	10	6	0	0	9	22	0	5	0	1	5	11	3	3	1						
		15	1012.6	-	13.8	3.1	10.6	67	6.4	0	2	4	18	7	0	0	0	0	0	0	8	6	10	7	0	0	15	16	0	3	1	1	5	7	7	6	0						
		21	1013.1	-	10.5	1.5	10.5	82	6.2	0	4	3	13	11	0	0	0	0	0	2	8	6	9	6	0	0	7	24	0	2	0	0	7	9	5	6	2						
WHITBY C.O.	66	3	1013.5	-	8.2	0.7	10.0	91	5.4	3	6	4	5	12	1	0	0	0	1	1	7	10	10	1	0	1	6	20	4	0	0	0	5	7	7	3	5						
		9	1013.8	-	10.5	1.6	10.3	81	6.1	0	4	5	13	8	1	1	0	0	0	2	8	10	9	1	0	1	15	13	2	0	0	4	5	6	6	1	7						
		15	1013.2	-	11.8	1.9	10.8	79	6.7	0	1	3	15	11	1	1	0	0	1	0	3	4	10	12	1	0	2	13	15	1	0	2	5	7	7	3	1	5					
		21	1013.4	-	9.9	1.2	10.4	85	6.4	1	2	4	10	13	1	0	1	0	0	2	2	9	8	8	1	0	1	8	17	5	0	0	1	5	9	7	3	1					
HUMBERSIDE																																											
KILNSER	16	3	1013.8	-	8.9	0.8	10.2	89	5.3	3	4	8	5	10	1	0	1	0	1	0	1	3	16	9	0	0	0	17	13	1	4	0	4	1	6	7	5	3					
		9	1014.2	-1.5	11.0	1.6	10.5	80	5.8	1	3	7	11	9	0	0	0	0	0	6	11	8	6	0	0	0	19	11	1	5	2	1	1	6	9	2	2						
		15	1013.6	-	11.5	1.9	10.5	77	6.0	1	1	10	8	1	0	0	0	1	0	1	6	20	3	0	0	2	15	11	3	3	2	11	1	4	5	2	0						
		21	1013.7	-	10.3	1.3	10.5	84	5.6	2	3	7	11	8	0	0	0	0	0	1	9	14	7	0	0	1	14	14	2	4	2	3	2	6	7	5	0						
LINCOLNSHIRE																																											
BIBBROOK	112	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
		9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
		21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
WADDINGTON	70	3	1013.9	-	8.4	0.7	10.1	91	5.6	1	5	3	17	5	0	0	0	1	1	7	8	5	8	1	0	0	9	21	1	3	1	3	0	5	11	5	2						
		9	1014.1	-1.7	12.2	1.9	11.1	78	6.5	0	1	4	18	8	0	0	0	0	2	9	8	12	0	0	0	19	12	0	1	2	2	1	6	10	3	6							
		15	1013.3	-	14.8	3.6	10.6	63	6.0	0	2	8	15	6	0	0	0	1	0	3	6	18	3	0	3	14	13	1	1	6	0	2	8	7	5								
		21	1013.8	-	10.9	1.4	10.8	82	6.4	0	2	4	19	6	0	0	0	0	1	4	4	11	11	0	0	0	12	19	0	1	2	5	2	5	8	5	3						
3 EAST ANGLIA NORFOLK																																											
COLTISHALL	17	3	1014.2	-	8.7	0.9	9.9	87	5.5	1	4	6	13	7	0	0	0	0	1	1	6	8	11	3	1	0	8	19	4	0	1	4	4	2	8	6	2						
		9	1014.6	-	13.3	2.6	10.8	71	6.0	1	2	6	15	7	0	0	0	0	0	1	9	11	8	2	0	0	17	13	1	2	1	4	2	4	8	7	2						
		15	1014.1	-	15.2	4.0	10.2	59	6.2	1	4	2	15	9	0	0	0	0	2	4	11	11	3	0	1	14	16	0	1	4	3	5	1	8	4	5							
		21	1014.3	-	10.6	1.6	10.3	80	5.5	0	3	12	9	7	0	0	0	0	1	3	8	6	10	3	0	0	3	25	3	1	1	7	2	5	7	4	1						
MARHAM	24	3	1014.4	-	8.5	0.6	10.3	92	5.4	5	2	15	7	0	0	0	0	0	4	12	6	9	0	0	0	9	21	1	0	1	7	5	7	4	4	2							
		9	1014.6	-1.3	13.1	2.2	11.4	75	6.4	1	3	1	14	12	0	0	0	0	1	11	6	11	2	0	0	16	15	0	3	2	1	7	6	5	2	2							
		15	1013.9	-	16.0	4.1	10.9	60	5.8	1	2	7	15	6	0	0	0	0	1	4	8	9	9	0	1	17	13	0	5	1	4	0	6	7	7	1							
		21	1014.4	-	11.3	1.6	10.9	81	5.3	0	7	5	15	4	0	0	0	0	1	9	6	14	1	0	0	6	25	0	1	0	9	2	8	6	3	2							
CAMBRIDGESHIRE																																											
WITTERING	76	3	1014.2	-	8.0	0.7	9.8	90																																			

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

MAY 1976

HEIGHT OF BAROMETER ABOVE MSL (METRES)	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT					VISIBILITY					WIND SPEED AND DIRECTION																				
		AT MSL (MB)	DIFFERENCE FROM 1941-70 AVERAGE	DRY BULB DEGREES C	DEPRESSION OF WET BULB DEGREES C	WET BULB DEGREES C VAPOUR PRESSURE (MB)	RELATIVE HUMIDITY (%)	OKTAS					VISIBILITY					BEAUFORT FORCE																				
								MEAN	0	1-2	3-5	6-7	8	SKY OBSERVED	0-39M	40-190M	200-390M	400-990M	1000-1900M	2000-3900M	4-9KM	10-19KM	20-39KM	40KM AND OVER	SPEED (KT)													
																									34 OR MORE	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW	
NUMBER OF OBSERVATIONS																																						
4 MIDLAND COUNTIES																																						
WEST YORKSHIRE																																						
HUDDESFIELD	235	3	1013.6	-	7.4	1.0	8.9	86	7.0	1	0	4	6	20	0	0	0	6	2	3	4	9	7	0	0	0	12	18	1	2	2	4	1	1	3	15	2	
DAKES	15	9	1013.7	-	10.6	1.5	10.5	81	6.9	0	1	5	13	14	0	0	0	1	3	0	1	5	10	11	0	0	0	15	16	0	0	1	2	2	1	3	9	9
	21	15	1013.2	-	13.3	2.8	10.7	71	6.7	0	0	5	17	9	0	0	0	0	0	2	2	3	9	15	0	0	6	17	8	0	1	3	2	1	3	15	4	
	21	15	1013.5	-	9.7	1.1	10.5	86	6.1	3	1	3	11	13	0	0	0	0	2	1	2	3	11	12	0	1	4	11	15	0	4	2	1	0	10	8	5	
WILSON	267	3	1013.6	-	7.3	0.6	9.4	92	6.1	1	4	4	4	15	3	0	2	1	0	0	3	9	16	0	0	0	7	19	5	1	0	6	2	5	1	8	3	
	9	15	1013.6	-	9.6	1.2	10.1	84	6.2	0	3	9	13	9	2	0	0	1	1	1	4	15	4	1	0	0	14	15	0	0	0	4	3	5	7	6	4	
	21	15	1012.7	-	12.4	2.5	10.2	72	6.2	0	2	9	7	13	0	0	0	0	1	2	2	5	11	10	0	0	16	14	0	0	1	4	4	4	7	9	2	
	21	15	1013.4	-	9.1	1.1	10.0	86	6.3	0	4	4	7	15	1	0	1	0	1	1	6	17	4	0	0	0	10	18	3	0	1	5	2	4	6	9	1	
SOUTH YORKSHIRE																																						
FINNINGLEY	15	3	1013.7	-	8.0	0.6	9.9	91	6.4	1	0	5	16	8	1	0	0	0	2	2	2	13	6	6	0	0	0	3	26	2	2	1	3	3	6	5	5	4
	9	15	1014.0	-1.7	12.2	2.1	10.8	76	6.5	0	3	1	17	10	0	0	0	0	0	0	4	6	10	10	1	0	0	12	19	0	2	3	0	3	10	3	5	5
	15	21	1013.2	-	14.7	3.5	10.8	64	6.3	0	2	5	15	9	0	0	0	0	0	0	1	4	9	15	2	0	0	14	17	0	2	3	0	2	10	5	2	
	21	15	1013.6	-	11.0	1.5	10.7	81	6.1	1	3	2	18	7	0	0	0	0	0	0	3	6	11	9	2	0	0	7	24	0	3	3	5	5	4	7	1	
NOTTINGHAMSHIRE																																						
WATNALL	119	3	1014.2	-	8.4	0.5	10.3	93	5.9	1	3	3	17	7	0	0	0	0	0	4	2	15	8	2	0	0	0	4	27	0	3	4	2	0	4	11	6	1
	9	15	1014.3	-1.3	11.9	1.7	11.3	81	6.5	0	2	4	15	10	0	0	0	0	0	2	4	6	14	5	0	0	0	12	19	0	4	1	2	3	9	7	5	
	15	21	1013.4	-	15.0	3.4	11.2	66	6.3	1	1	4	17	8	0	0	0	0	0	1	2	3	9	14	2	0	0	17	13	1	2	1	3	2	12	8	1	
	21	15	1014.0	-	11.1	1.5	11.0	82	6.0	0	4	5	13	9	0	0	0	0	0	1	3	7	17	3	0	0	0	7	24	0	2	3	4	0	4	9	7	2
SALOP																																						
SHAWBURY	76	3	1013.9	-	8.4	0.8	9.9	89	6.0	0	4	6	13	8	0	0	0	0	0	2	2	5	6	14	2	0	0	2	27	2	2	1	2	2	6	9	5	2
	9	15	1014.1	-1.6	11.8	1.7	11.0	79	6.4	0	2	2	21	6	0	0	0	0	0	0	3	4	6	17	1	0	0	11	20	0	3	0	3	1	9	4	7	4
	15	21	1013.2	-	14.9	3.2	11.4	67	6.4	0	0	7	18	6	0	0	0	0	0	0	0	5	2	14	10	0	1	14	15	1	3	0	1	4	5	8	7	2
	21	15	1013.8	-	10.7	1.4	10.7	85	6.1	0	3	6	11	11	0	0	0	0	0	0	4	3	9	12	3	0	0	6	24	1	5	0	3	2	6	6	7	1
WEST MIDLANDS																																						
EDGBASTON	165	9	1014.6	-1.4	10.9	1.6	10.6	81	6.7	1	0	3	18	9	0	0	0	1	0	3	7	17	2	1	0	0	7	23	1	4	2	1	1	6	8	5	3	
	15	21	1013.7	-	14.9	3.8	10.3	61	6.4	1	1	5	17	7	0	0	0	0	0	0	0	8	12	3	0	0	11	20	0	2	0	1	5	6	7	5	5	
	21	15	1014.2	-	11.9	2.1	10.6	76	5.8	0	4	6	13	8	0	0	0	0	0	0	2	5	18	4	2	0	0	6	24	1	1	2	0	3	8	4	6	6
ELMDON	100	3	1014.4	-	8.4	0.9	9.8	88	5.9	2	2	5	13	9	0	0	0	0	0	2	1	7	11	10	0	0	0	8	20	3	2	1	2	2	5	9	4	3
	9	15	1014.5	-1.4	11.7	1.9	10.7	77	6.8	1	0	1	18	11	0	0	0	0	0	1	1	8	14	7	0	0	0	16	15	0	1	3	1	2	8	6	5	5
	15	21	1013.6	-	15.3	4.0	10.4	59	6.1	1	2	3	23	2	0	0	0	0	0	0	0	5	8	14	4	0	1	18	12	0	1	1	1	6	7	7	3	5
	21	15	1014.2	-	11.6	1.9	10.7	78	5.5	2	4	5	12	8	0	0	0	0	0	0	3	5	15	7	1	0	0	10	20	1	2	1	0	5	8	4	8	2
HEREFORD & WORCESTER																																						
PERSHORE	36	3	1014.4	-	8.5	0.8	10.0	88	5.5	1	4	9	9	8	0	0	0	0	0	1	9	10	8	3	0	0	8	19	4	2	2	3	3	5	10	2	0	
	9	15	1014.6	-	12.4	2.3	10.7	73	6.6	1	0	5	16	9	0	0	0	0	0	2	5	9	13	2	0	0	16	15	0	2	2	3	2	3	12	4	3	
	15	21	1013.7	-	15.9	4.3	10.4	57	6.1	1	2	5	16	7	0	0	0	0	0	0	2	6	15	8	0	0	15	13	0	2	2	2	6	10	4	4	4	
	21	15	1014.1	-	11.9	1.9	10.8	77	5.5	3	3	6	10	9	0	0	0	0	0	0	2	5	10	11	3	0	0	12	19	0	2	3	1	7	8	4	4	
GLOUCESTER																																						
INNSWORTH	-	3	1014.4	-	9.5	0.8	10.8	90	5.4	2	4	5	14	6	0	0	0	0	0	1	1	10	11	6	2	0	0	4	20	7	0	2	1	2	3	11	4	1
	9	15	1014.7	-	12.9	2.0	11.6	77	6.5	0	1	5	19	6	0	0	0	0	1	0	2	6	5	14	3	0	0	16	15	0	5	1	0	2	5	8	8	2
	15	21	1013.9	-	16.5	3.9	11.6	61	5.9	1	3	6	15	6	0	0	0	0	0	1	0	4	3	19	4	0	2	15	14	0	3	0	0	3	10	9	3	
	21	15	1014.3	-	12.6	1.6	12.0	81	5.5	3	3	4	12	9	0	0	0	0	0	1	5	14	8	3	0	0	7	19	5	0	1	0	3	3	9	8	2	
LITTLE																																						
RISSINGTON	-	REPORTS TERMINATED																																				
OXFORDSHIRE																																						
BENSON	74	3	1015.2	-	9.1	1.0	10.1	87	4.5	3	7	7	6	8	0	0	0	0	0	1	2	8	7	11	2	0	0	5	20	6	1	1	2	4	9	5	2	1
	9	15	1015.4	-	13.3	2.6	10.8	71	6.0	0	2	6	15	8	0	0	0	0	0	0	4	3	5	11	8	0	0	12	19	0	5	1	0	5	9	7	2	2
	15	21	1014.6	-	17.0	4.8	10.6	55	6.0	1	1	6	17	6	0	0	0	0	0	0	0	3	5	10	13	0	0	15	16	0	1	1	3	4	10	8	4	
	21	15	1015.2	-	12.2	2.0	11.0	77	5.4	1	7	4	10	9	0	0	0	0	0	0	6	7	11	7	0	0	3	24	4	1	0	5	0	10	8	1	2	
BRIZE NORTON	92	3	1014.7	-	8.2	0.8	9.9	89	4.9	4	4	6	10	7	0	0	0	1	0	0	4	10	7	8	1	0	0	2	27	3	1	5	3	0	2	11	6	0
	9	15	1014.9	-	12.6	2.3	10.8	73	6.3	0	2	5	16	8	0	0	0	0	0	3	5	7	12	4	0	0	13	18	0	2	4	0	2	3	13	4	3	
	15	21	1014.1	-	16.2	4.8	9.9	53	5.8	0	3	6	17	5	0	0	0	0	0	0	2	6	16	7	0	0	14	17	0	1	2	1	1	5	12	6	3	
	21	15	1014.6	-	12.1	2.0	10.8	76	5.4	2	5	4	13	7	0	0	0	0	0	0	2	5	8	13	3	0	0	4	27	0	1	1	3	1	7	8	5	
5 ENGLAND SE & CENT. S.																																						
GREATER LONDON																																						
HEATHROW	26	3	1015.0	-	9.9	1.2	10.4	84	4.6	3	6	8	8	6	0	0	0	0	0	3	6	10	12	0	0	0	1	30	0	2	1	3	2	7	7	7	2	
	9	15	1015.2	-1.0	14.2	3.1	10.8	66	5.4	1	6	6	9	9	0	0	0	0	0	0	4	7	7	10	3	0	0	10	21	0	4	1	1	0	3	10	8	4
	15	21																																				

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

MAY 1976

HEIGHT OF BAROMETER ABOVE MSL (METRES)	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT					VISIBILITY					WIND SPEED AND DIRECTION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
		AT MSL (MB)	DIFFERENCE FROM 1941-70 AVERAGE	DRY BULB DEGREES C	DEPRESSION OF WET BULB DEGREES C	VAPOUR PRESSURE (MB)	RELATIVE HUMIDITY (%)	OKTAS					0 - 39M	40 - 190M	200 - 390M	400 - 990M	1000 - 1900M	2000 - 3900M	4 - 9KM	10 - 19KM	20 - 39KM	40KM AND OVER	BEAUFORT FORCE					N	NE	E	SE	S	SW	W	NW																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
								0	1 - 2	3 - 5	6 - 7	8											SKY OBSERVED	10 OR MORE	6-7	4-5	1-3									CALM																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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SOUTHAMPTON		9	3	1015.2	-	10.3	1.1	10.8	85	4.2	8	4	4	8	7	0	0	0	0	0	1	2	4	9	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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

MAY 1976

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

TABLE 6 SUMMARY OF AUTOGRAPHIC RECORDS OF WIND

MAY 1976

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)				HIGHEST VALUES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
				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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MAY 1976

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

(x) Urban rooftop site.

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MONTHLY WEATHER REPORT

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

MET.0.896

UDC 551.506 1(41-4)

JUNE

1976

VOLUME 93

NUMBER 6

27 JAN 1977

LIBRARY

Dry, very hot and sunny in last week, except in north-west.

Fronts from the Atlantic crossed all districts from time to time during the first half of the month, but were generally weak in the south. Ridges of high pressure occasionally moved north-eastwards across the British Isles. Fronts were more active in southern areas during the third week, and on the 19th a wave depression moved quickly eastwards from South Wales to East Anglia. By the 22nd, high pressure had become established over south-east England, but fronts still affected north-western districts. Pressure intensified within the next few days and the anticyclone extended to cover the British Isles, the centre later drifting to the northern North Sea.

Weather

Rain or showers during the first two days gave way to drier weather on the 3rd, and the beginning of the second week was sunny and hot. Central and eastern England remained dry until mid month, but northern districts had rain at times. The third week was less settled generally, and the 19th was the wettest day of the month in South Wales and in central and southern England. It became very hot and sunny in most districts during the last week, particularly in central southern and south-eastern England, but north-west Scotland was much cooler, with some rain. Thunderstorms occurred at times during the month and coastal fog was sometimes persistent in the north and west. Only a few snow patches remained near the summits of the higher Scottish mountains.

Wind

Winds were often light, but were fresh or strong at times on exposed western and northern coasts. Speeds increased to gale force in northern Scotland on the 27th, when gusts of 72 kt were recorded in the Highland Region at Duirinish and at the high-level station at Cairngorm. Directions were sometimes variable, but were mainly north-westerly at first and then generally between south and west. Towards the end of the month, winds became north-easterly over southern England and Wales. On-shore breezes developed at times during the month.

Temperature

Monthly mean temperatures were above average in all areas. They were nearest to the normal in north-west Scotland, but were generally between 1 and 2 degC above average in all other western districts. In parts of eastern Scotland and in remaining counties of England, mean temperatures exceeded the normal by at least 2 degC and were between 3 and 4 degC above average in the south Midlands and in central southern and south-eastern England, away from coasts. After a rather cold start, it became very hot by the 8th, especially in south-east England and East Anglia, where temperatures exceeding 31 °C were recorded at several places on the 9th. Maxima were lower on the 10th, but southern and eastern England had some warm days until the 19th, which was a cool day generally. Temperatures then began to rise progressively until they reached at least 30 °C over most of East Anglia and parts of south-east England on the 23rd. This was the beginning of a prolonged spell of unusually hot weather, which extended westwards and northwards on the 25th. Temperatures exceeding

32 °C were recorded over a wide area in the Midlands, southern England and East Anglia, away from the coast, from the 26th to the 28th; maxima of 34 °C or more occurred at a number of places. Temperatures fell slightly in eastern England on the 29th, but by then most of the United Kingdom, except north-west Scotland, had become very hot. Many long-standing records were broken. In London temperatures exceeded 32 °C on every day from the 25th to the 28th, the first time that this value has been reached in London on four consecutive days for at least 135 years. The maximum of 35.6 °C at Southampton (Mayflower Park) on the 28th not only equalled the highest official temperature ever recorded in Britain in June, but was also a record for Southampton in any month this century. At Knockarevan (Co. Fermanagh) the temperature of 30.8 °C on the 30th was the highest recorded anywhere in Northern Ireland since records began there. In Scotland the highest temperatures were reached in the south-east, where Kelso (Borders Region) recorded 30.7 °C on the 29th.

Rainfall

Monthly rainfall totals were above average in Shetland and in most western coastal districts of Scotland; in north-west Scotland they exceeded 150 per cent of the normal. Rainfall was below average in all other parts of the United Kingdom. Values exceeded 50 per cent of the normal in Northern Ireland, the Isle of Man, in a band from the north of Scotland to counties bordering the Solway Firth, and in a few scattered places elsewhere. In much of eastern Scotland and over most of England and Wales rainfall totals were well below half the average and were less than 20 per cent in some districts, particularly in counties along eastern and southern coasts of England, where a few places recorded monthly totals of less than 0.5 mm. Apart from north-west Scotland, where there was no generally dry period, most of the month's

rain fell during the second and third weeks. Daily rainfall totals seldom exceeded 50 mm, but on the 19th Fullaford (Devon) and Blackpits Gate (Somerset) recorded 68.0 and 62.4 mm respectively in the 24 hours from 09 GMT.

Sunshine

Monthly sunshine totals were above average almost everywhere in England and Wales, and in most of Northern Ireland. Sunshine was below normal in Scotland, except in parts of the south and in some places on the east coast. In general, eastern coasts were relatively sunnier than western districts. The largest percentages of average were along the east coast of England, where several places recorded about 150 per cent of their usual June sunshine. Parts of north-west Scotland, however, had less than 70 per cent of the normal. Sunny days occurred most frequently in England and Wales, away from west coasts, but most places, except in parts of Scotland, had prolonged sunshine during the last week. In Northern Ireland the four consecutive days from the 27th to 30th were the sunniest such period on record for June.

Fog

Except in Northern Ireland, fog occurred frequently along northern and western coasts of the United Kingdom, and also in the Isle of Man and the Channel Islands. The fog was sometimes accompanied by precipitation and also affected the south coast of England at times. It usually cleared during the morning, but was persistent in places. A few overnight fog patches formed inland during the month, but these soon dispersed. Hill fog was reported from time to time and was sometimes slow to clear.

Miscellaneous Phenomena

In Scotland the aurora was observed on one night.

Table 1 District values

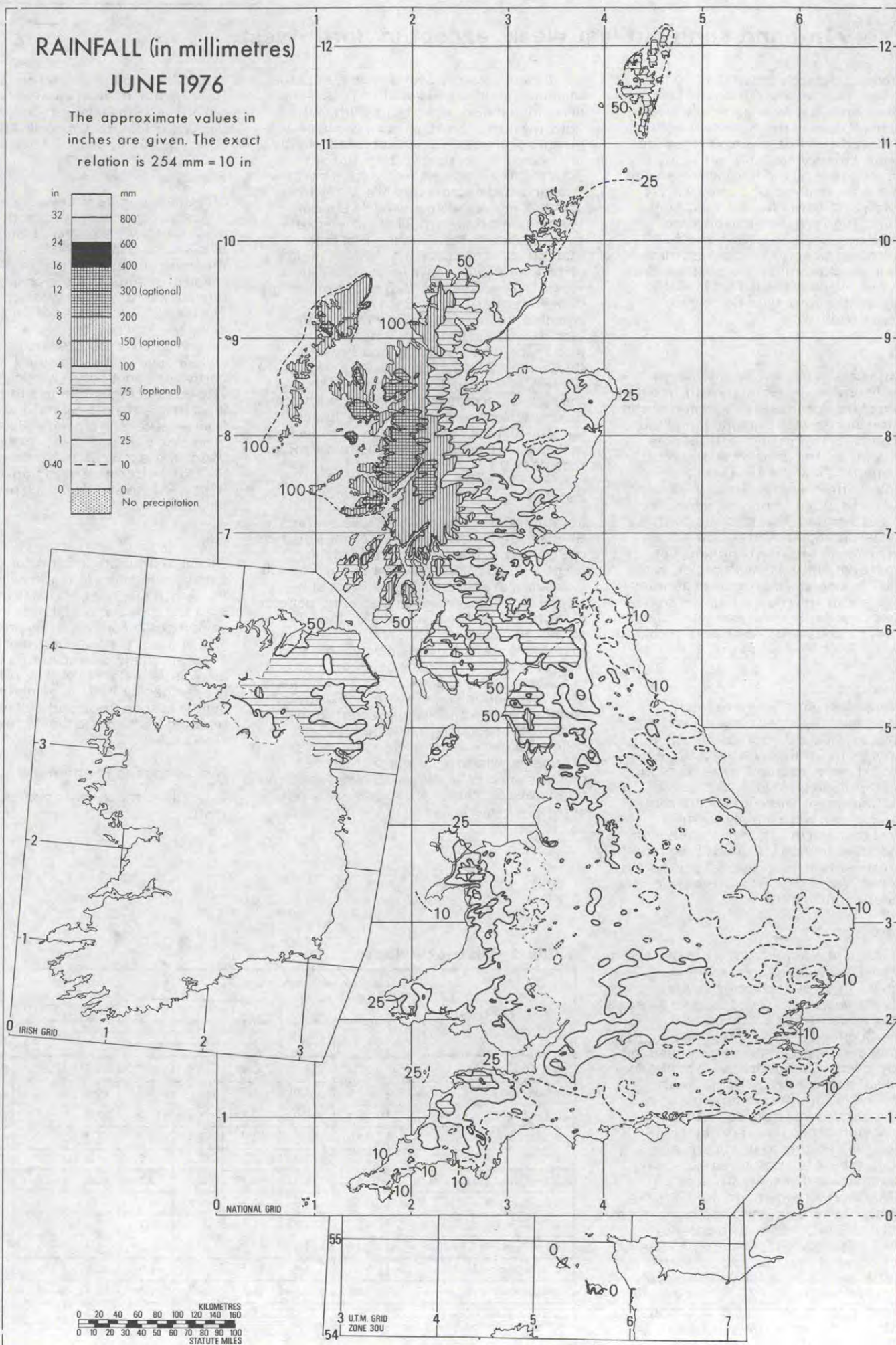
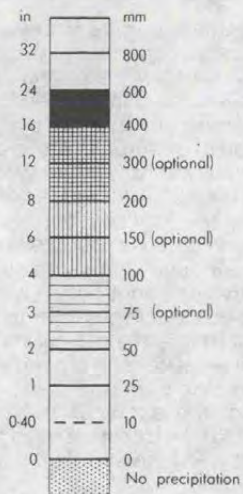
District	air temperature °C					mean 30-cm earth temp °C	rain- days	rainfall	sun- shine
	Highest	Lowest	max.	min.	mean				
	Max. *	Min. *	difference from average						
0 Scotland N	26.2	1.4	+0.7	+0.8	+0.7	-0.1	+2	85	77
1 Scotland E	27.5	1.6	+2.1	+2.0	+1.9	+0.8	-3	40	93
2 England E & NE	32.5	-0.5	+3.4	+1.7	+2.5	+1.6	-7	29	136
3 East Anglia	34.0	2.1	+3.8	+1.7	+2.7	+1.7	-8	22	137
4 Midland Counties	34.6	2.1	+3.7	+1.7	+2.6	+1.4	-7	35	128
5 England SE & Central S	34.9	4.5	+4.2	+2.0	+3.1	+2.0	-8	26	128
6 Scotland W	28.1	1.6	+0.7	+1.2	+1.0	+0.5	+1	78	83
7 England NW & Wales N	32.2	3.7	+1.9	+1.4	+1.7	+0.5	-4	35	111
8 England SW & Wales S	33.8	5.0	+2.6	+1.2	+1.9	+1.3	-7	34	111
N Ireland	29.1	3.1	+2.1	+1.5	+1.8	+0.8	-3	73	103
Scotland	28.1	1.4	+1.2	+1.3	+1.2	+0.4	0	68	84
England & Wales	34.9	-0.5	+3.3	+1.6	+2.4	+1.4	-7	30	125

* Highest maximum and lowest minimum of District Value Stations

RAINFALL (in millimetres)

JUNE 1976

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



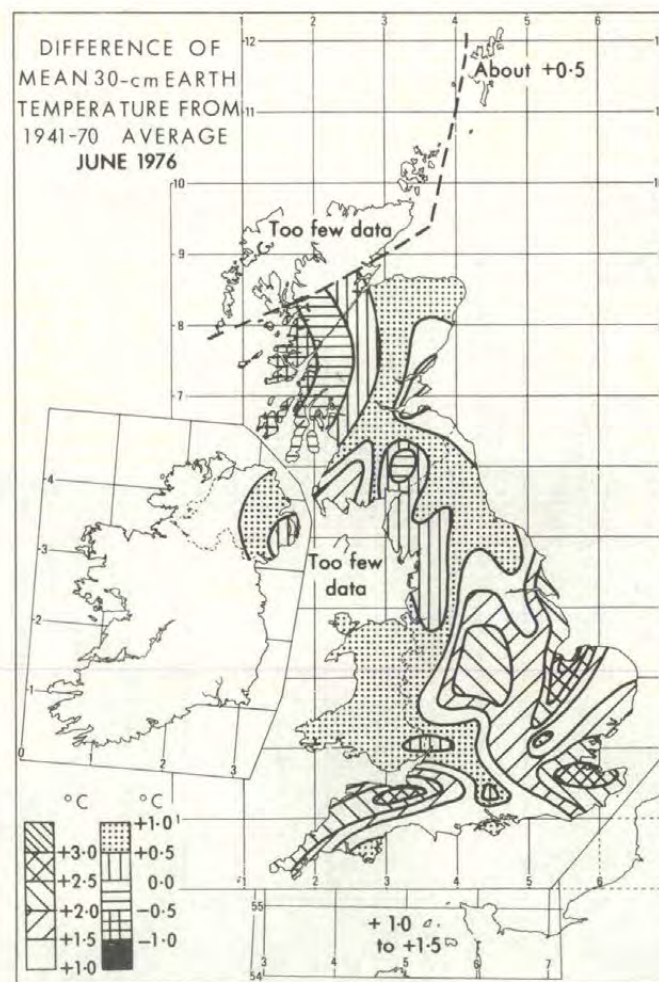
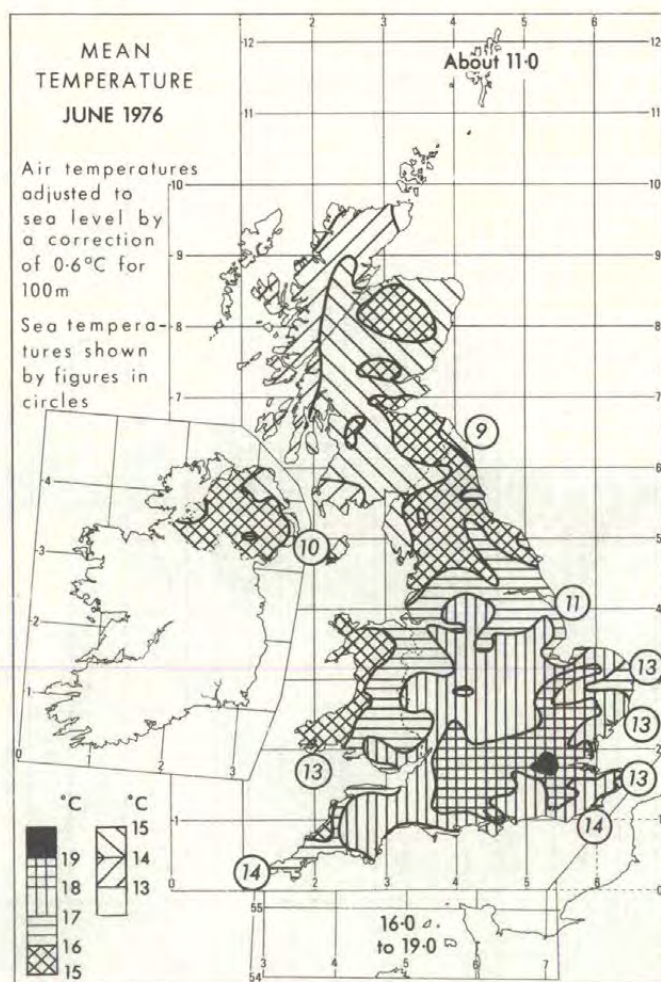
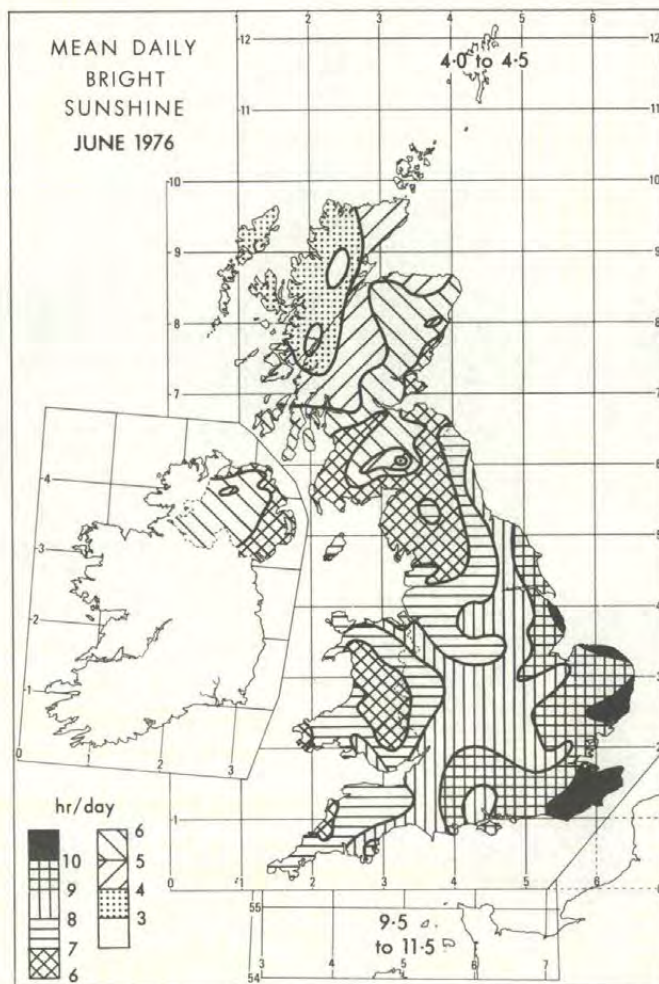
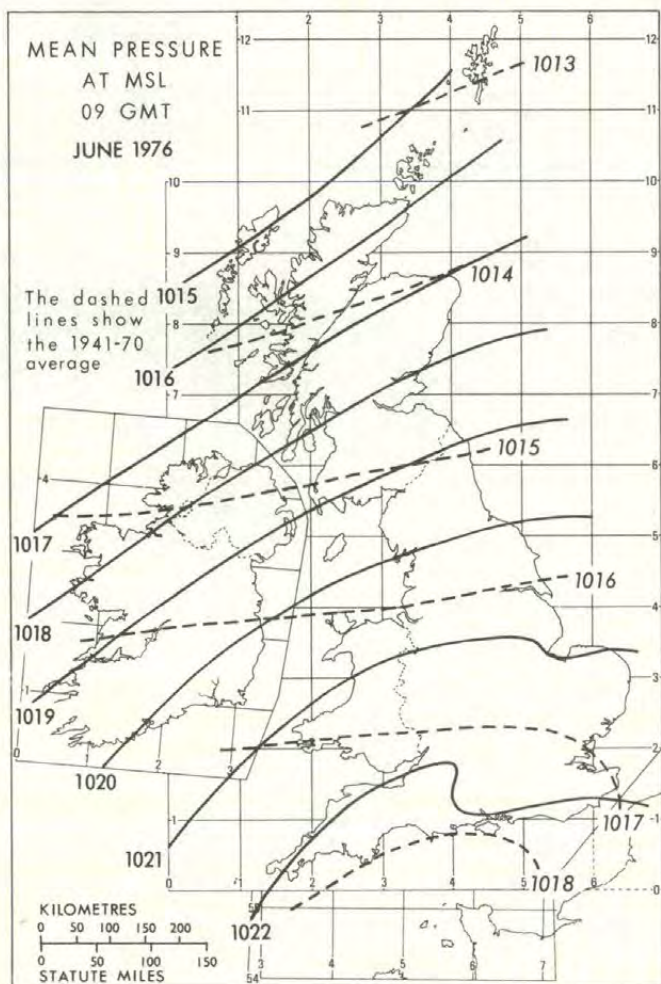


TABLE 2 SOLAR RADIATION AND ILLUMINATION

JUNE 1976

STATION	TOTAL RADIATION ON A HORIZONTAL SURFACE (MILLIWATT-HOURS PER SQUARE CENTIMETRE)						DIFFUSE RADIATION ON A HORIZONTAL SURFACE (MILLIWATT-HOURS PER SQUARE CENTIMETRE)						TOTAL ILLUMINATION ON A HORIZONTAL SURFACE (KILOLUX-HOURS)					
	MAX.	DATE	MIN.	DATE	DAILY MEAN	NO. OF DAYS	MAX.	DATE	MIN.	DATE	DAILY MEAN	NO. OF DAYS	MAX.	DATE	MIN.	DATE	DAILY MEAN	NO. OF DAYS
LERWICK	813	30	171	12	431.1	30	409	3	165	12	289.1	30	947	30	237	12	527.6	30
ESKDALEUIR	822	28	117	11	407.7	28	373	14	112	11	245.9	28	1018	28	137	11	481.6	28
CARDINGTON	851	30	190	16	607.9	30	571	18	109	30	299.5	30						
ABERPORTH	877	20	167	19	583.7	28	482	15	99	30	280.6	28						
LONDON WEATHER CENTRE	832	30	135	16	582.8	30	417	6	131	16	264.7	30	1058	30	200	16	745.9	30
KEW																		
BRACKNELL																		
ALDERGROVE																		
JERSEY	834	2	214	20	671.8	30	342	23	145	8	248.1	30	1028	2	297	20	846.2	30

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

JUNE 1976

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)	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																							
0 SCOTLAND N																																	
SHEPHERD																																	
BALTA SOUND ...	9 9	24	14.0	8.1	11.1	+0.6	18.8	25	1.5	4	10.2	-	67	107	10	12	17	15	0	0	0	0	1	0	0	-	-	2	4.21	84	-	-	
LERWICK	21 9	82																															
PSYCHROMETER ...			12.9	8.3	10.6	-	17.0	24	3.6	4	-	-	64	-	24	11	17	13	0	0	0	0	2	0	0	1	0	1	4.32	85	-	-	
SCREEN ...			13.2	8.3	10.7	+0.6	17.1	24	3.5	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ORKNEY																																	
KIRKALL AIRPORT ...	21-9	26	15.4	8.4	11.9	+0.9	19.9	24	3.4	4	-	-	37	68	10	11	19	13	0	0	0	0	1	0	0	0	0	0	0	4.50	84	-	-
WESTERN ISLES																																	
BENBECULA	21-9	6	14.5	10.0	12.3	0.0	21.2	8	5.7	21	-	-	114	-	26	11	23	19	0	0	0	0	1	0	0	1	0	0	0	4.63	72	-	-
SCALPAY ...	9 9	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
STORNOWAY	21-9	3	14.5	9.5	12.0	+0.3	20.7	8	5.6	21	-	-	101	-	23	11	22	17	0	0	0	0	0	0	0	0	0	0	0	3.88	67	-	-
HIGHLAND																																	
ACHINASHALLACH ...	9 9	67	17.1	9.4	13.3	+0.9	26.2	8	3.9	21	-	-	193	152	19	11.25	25	21	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
BALMACARRA ...	9 9	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CAPE WRATH ...	21-9	112	13.8	9.1	11.5	+0.8	23.0	8	7.2	2	-	-	66	82	15	11	21	13	0	0	0	0	0	0	0	0	0	0	0	1	3.82	-	-
CORPACH ...	9 9	8	17.9	10.1	14.0	-	26.4	8	4.9	4	-	-	142	-	20	9	22	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRAIGARRACH ...	9 9	38	18.7	9.2	13.9	-	26.4	8	2.7	3	-	-	42	-	15	16	14	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DALWHINNIE ...	9 9	351	16.6	8.1	12.3	-	23.2	8	0.8	21	-	-	39	-	13	16	20	10	0	0	0	0	1	12	0	1	-	-	0	4.84	-	5	
DOUNREAY ...	9 9	21	17.4	8.9	13.1	-	23.9	9	3.2	16	-	-	37	66	7	26	18	11	0	0	0	0	0	0	0	0	0	0	0	0	4.85	-	-
FORTROSE ...	9 9	5	16.8	10.8	13.8	+1.2	23.0	9	6.5	3	-	-	14	27	5	16	9	4	0	0	0	0	0	0	0	0	0	0	0	4.17	77	-	
GLENMORE LODGE ...	9 9	341	17.9	8.8	13.3	-	24.0	9	2.5	18	-	-	21	29	4	9	15	8	0	0	0	0	2	0	0	4	0	0	0	5.12	-	5	
GRANTOWN-ON-SPEY ...	9 9	229	19.0	8.5	13.7	-	25.0	9	0.0	21	-	-	15	-	3	14	15	8	0	0	0	0	0	0	0	0	0	0	0	5.04	-	-	
HEARST ...	9 9	109	15.3	9.3	12.3	-	23.2	8	4.9	21	-	-	157	-	24	16	23	21	0	0	0	0	1	0	0	0	0	0	1	-	-	-	
ISLE OF RHUM ...	9 9	5	16.5	9.6	13.1	-	24.7	8	4.1	21	14.3	12.0	272	167	36	11	21	18	0	0	0	0	1	0	0	0	0	0	3	4.52	-	-	
KEISS ...	9 9	30	15.8	8.2	12.0	-	20.3	24	2.7	19	12.4	10.8	30	-	11	17	6	0	0	0	0	1	0	0	0	0	0	0	0	4.78	-	-	
KINLOCHWEH ...	9 9	23	-	-	-	-	-	-	-	-	-	-	108	92	(19)	16	23	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
KNOCKANROCK ...	9 9	244	15.2	8.5	11.9	-	23.7	8	5.6	19	-	-	129	104	20	11	23	20	0	0	0	0	0	1	0	0	1	1	1	-	-	-	
LAGGANLIA ...	9 9	250	18.5	8.5	13.5	-	24.9	30	-0.3	21	-	-	21	-	4	9	13	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LAIRG ...	9 9	91	17.9	8.5	13.2	-	25.3	9	2.5	19	12.3	9.8	42	-	8	11	22	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LENTIN ...	9 9	146	17.6	8.9	13.3	-	24.5	8.9	2.3	3	-	-	21	-	5	1	12	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOCH OICH ...	9 9	37	18.1	9.6	13.9	-	25.8	8	3.8	21	-	-	140	-	16	11	24	22	0	0	0	0	1	0	0	0	0	0	0	0	3.35	-	-
NAIRN ...	9 9	6	19.0	9.6	14.3	+1.8	27.2	9	3.2	3	-	-	15	29	4	11	14	5	0	0	0	0	0	0	0	0	0	0	0	2	5.08	92	-
ONICH ...	9 9	15	16.6	9.2	12.9	+0.4	25.0	8	3.0	4	-	-	172	132	(20)	16	20	20	-	-	-	-	7	0	0	0	0	0	0	0	2.85	60	5
POOLEWE ...	9 9	6	16.5	10.1	13.3	-	26.0	8	6.4	3	-	-	138	-	22	16	25	19	0	0	0	0	0	0	0	0	0	0	0	0	4.04	-	-
PRABOST ...	9 9	67	16.0	9.3	12.7	-	24.6	30	5.4	21	-	-	173	156	20	19	24	21	0	0	0	0	0	0	0	0	0	0	0	1	3.59	-	-
RUBH RE ...	21-9	16	14.0	10.0	12.0	-	22.6	8	7.9	21	-	-	133	-	23	16	22	19	0	0	0	0	0	0	0	0	0	0	0	0	2	-	-
STRATHCONON ...	9 9	107	18.4	8.9	13.7	-	25.3	9	1.8	3	-	-	57	-	14	16	20	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STRATHY ...	9 9	37	17.3	8.7	13.0	+1.2	25.9	9	1.4	16	-	-	32	49	7	11	17	10	0	0	0	0	0	0	0	0	0	0	0	0	4.35	83	-
TARBATNESS ...	21-9	18	16.9	10.0	13.5	+1.4	24.0	23	5.6	19	-	-	12	-	5	11	8	4	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-
TOMATIN ...	9 9	311	17.8	8.7	13.3	-	23.6	9	1.7	21	-	-	15	-	5	11	8	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WICK ...	21-9	36	15.7	8.7	12.2	+1.2	20.7	29	3.3	16	-	-	23	47	6	9	15	8	0	0	0	0	0	0	0	0	0	0	0	4.61	84	-	-

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

JUNE 1976

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				HIGHEST MAXIMUM		LOWEST MINIMUM		30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY	PRECIP- ITATION	0.2 MM OR MORE	1.0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS FROST MIN C	SILVER FROST MIN C	DATE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE	
			MAX. (A)	MIN. (B)	DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	MAX.	DATE	MIN.	DATE																						
1 SCOTLAND E																																
GRAMPIAN																																
ABERDEEN																																
DYCE AIRPORT	21-9	58	18.7	9.8	14.3	+2.3	26.5	26	1.5	4			19	34	4	18	10	6	0	0	0	0	0	0	0	0	0	0	0	5.28	91	
MANNOFIELD	9-9	16	17.6	9.9	13.7	+1.6	23.8	26	3.8	4			25	46	7	18	10	8	0	0	0	0	0	0	0	0	0	0	5.29	90		
BALMORAL	9-9	283	18.5	8.5	13.5	+2.2	26.6	29	1.8	21			10	19	2	17	9	5	0	0	0	0	0	0	0	0	0	0	4.94			
BANCHORY	8-8	77	19.3	10.0	14.7		24.7	26	3.5	19			16	6	17		6	4	0	0	0	0	0	0	0	0	0	0	4.53			
BANFF	9-9	24	18.4	10.5	14.5		25.0	26	5.8	4			15	28	3	21	11	5	0	0	0	0	0	0	0	0	0	0	5.47			
BREMAR	9-9	339	18.4	8.7	13.5	+2.0	26.0	29	3.6	20-21			11	21	3	9	12	5	0	0	0	0	0	0	0	0	0	0	5.48	101	5	
CRAIBSTONE	9-9	91	17.8	9.5	13.7	+1.8	24.4	26	2.5	4	13.0	10.9	20	34	4	17	10	5	0	0	0	0	0	0	0	0	0	0	5.48	92		
CULTERTY	9-9	3	17.3	8.7	13.0		24.5	26	0.2	4			27	57	7	18	13	11	0	0	0	0	0	0	0	0	0	0	4.75			
ELGIN	9-9	15	19.1	9.9	14.5		26.0	8	3.0	20			11	19	7	11	4	4	0	0	0	0	0	0	0	0	0	0	4.93	87		
FORRES	9-9	50	19.5	10.3	14.9	+2.2	27.0	9	5.1	16	15.3	13.0	15	6	11	11	4	0	0	0	0	0	0	0	0	0	0	0	5.00			
FRASERBURGH	21-9	19	16.9	9.9	13.4		24.4	26	5.5	19			19	44	7	19	9	6	0	0	0	0	0	0	0	0	0	0				
FYVIE CASTLE	9-9	55	18.6	8.7	13.7		25.5	26	1.0	4			41	72	19	22	12	10	0	0	0	0	0	0	0	0	0	0				
GARTLY	9-9	146	18.7	9.1	13.9		25.0	29	1.6	16			19	5	22	12	7	0	0	0	0	0	0	0	0	0	0	0				
GLENLIVET	21-9	215	18.9	9.0	13.9		25.1	9	1.0	21			17	24	3	12	7	0	0	0	0	0	0	0	0	0	0	0	5.31			
INVERURIE	9-9	54	19.3	9.2	14.3		25.7	26	0.8	4			15	3	17	11	6	0	0	0	0	0	0	0	0	0	0	0	5.13			
KEITH	9-9	106	18.8	9.0	13.9		24.5	9	2.1	16			14	3	11	12	6	0	0	0	0	0	0	0	0	0	0	0	4.87			
KINLOSS	21-9	5	19.2	10.1	14.7	+2.0	26.9	8	4.1	19	12.6		15	28	6	11	11	3	0	0	0	0	0	0	0	0	0	0	4.92			
LOSSIEMOUTH	21-9	6	18.5	9.8	14.1		27.6	9	2.6	19			11	21	7	11	9	3	0	0	0	0	0	0	0	0	0	0				
STONEHAVEN	9-9	4																														
TAYSIDE																																
ARRARATH	9-9	28	17.6	10.3	13.9		23.9	25-26	6.0	19			13	30	3	11	10	5	0	0	0	0	0	0	0	0	0	0	7.31	115		
ARDALNAC	9-9	130	18.7	10.1	14.4		25.8	28	5.4	21			49	68	11	16	19	14	0	0	0	0	0	0	0	0	0	0	4.83			
ASHINTULLY CASTLE	9-9	341																														
BLAIRGOWRIE	9-9	70	19.1	9.9	14.5		26.9	29	3.5	19	14.6		30	55	6	11	12	9	0	0	0	0	0	0	0	0	0	0	5.12			
DALL	9-9	232																														
DRUMMOND CASTLE	9-9	113	18.4	9.3	13.9		25.0	9-29	4.6	21	13.9		48	16	1	13	8	0	0	0	0	0	0	0	0	0	0	0	5.48			
DUNDEE	9-9	45	19.6	10.9	15.3	+2.0	27.0	29	6.2	19	16.4		25	43	11	11	12	6	0	0	0	0	0	0	0	0	0	0	5.41	97		
FASKALLY	9-9	94	18.9	9.6	14.3		25.8	29	3.1	19	14.3	12.0	28	45	10	16	13	7	0	0	0	0	0	0	0	0	0	0				
GLENROSES	9-9	152	18.4	8.3	13.3		24.5	8	3.0	21			44	56	14	16	16	10	0	0	0	0	0	0	0	0	0	0	5.46			
KINDROGAN	9-9	259	17.7	7.6	12.7		24.9	29	1.2	21			25	9	11	13	8	0	0	0	0	0	0	0	0	0	0	0	4.30			
KINROSS	9-9	116	18.5	9.4	13.9		25.6	29	3.8	21	14.0		37	12	11	12	7	0	0	0	0	0	0	0	0	0	0	0				
MONROSE	9-9	57	18.2	9.8	14.0		24.2	26	4.7	19			14	30	3	1.9	12	6	0	0	0	0	0	0	0	0	0	0				
MYLNEFIELD	9-9	30	18.7	10.4	14.5		26.7	29	5.2	19	14.4	11.2	16	31	7	11	10	4	0	0	0	0	0	0	0	0	0	0	6.11			
PERTH	9-9	23	19.4	10.7	15.1	+1.4	26.5	29	6.0	19			46	82	15	11	9	8	0	0	0	0	0	0	0	0	0	0				
STRATHALLAN	9-9	41	19.0	10.4	14.7		26.2	29	5.0	19			25	9	16	10	5	0	0	0	0	0	0	0	0	0	0	0				
USAN	21-9	30	16.4	9.6	13.0		23.5	26	5.0	19			12	4	1.9	11	3	0	0	0	0	0	0	0	0	0	0	0	6.95			
WHITEHILLOCKS	9-9	258	18.5	8.8	13.7		26.5	29	1.8	19			20	28	5	11	12	7	0	0	0	0	0	0	0	0	0	0				
FIFE																																
BELLISTON	9-9	82	18.5	10.3	14.4		26.6	29	6.1	19	13.8		18	34	8	29	11	5	0	0	0	0	0	0	0	0	0	0				
CUPAR (ELMWOOD)	9-9	36	19.4	9.4	14.4		27.2	29	4.4	19	15.2		9	3	16	7	3	0	0	0	0	0	0	0	0	0	0	0	6.28			
GLENROTHES (GLENWOOD)	9-9	117	18.6	10.0	14.3		25.6	29	5.4	19			29	7	11	11	7	0	0	0	0	0	0	0	0	0	0	0	5.94			
LEUCHARS	21-9	10	19.3	10.2	14.7	+2.0	28.1	29	5.0	19			11	23	4	16	10	4	0	0	0	0	0	0	0	0	0	0	6.53	102		
PITREAVIE	21-9	40	19.1	10.7	14.9		26.8	8	5.9	21			41	78	14	18	12	7	0	0	0	0	0	0	0	0	0	0				
ST ANDREWS	9-9	18	19.2	10.4	14.8		26.6	29	5.6	19	15.3	12.4	9	20	4	16	8	4	0	0	0	0	0	0	0	0	0	0	7.04			
LOTHIAN																																

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

JUNE 1976

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		20 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	WIND BELOW 0 DEG C	WIND 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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JUNE 1976

DISTRICT REGION/COUNTY AND PLACE			MAX. TERMINAL H(ONT) MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C								MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL H 09 GMT)		WEATHER (NUMBER OF DAYS)										BRIGHT SUNSHINE						
					MEANS OF				HIGHEST MAXIMUM		LOWEST MINIMUM		90 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)	DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	MAX.	DATE	MIN.	DATE							0.2 MM OR MORE	1.0 MM OR MORE													
2 ENGLAND E & NE -CONTINUED																																	
DURHAM			9 9	102	20.3	10.4	15.3	+2.1	29.3	29	4.3	3	14.7	12.0	25	54	17	1	8	6	0	0	0	0	0	0	0	0	0	0	7.09	121	S
DURHAM ...			9 9	377	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HOUGHALL ...			9 9	377	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WIDDYBANK FELL ...			9 9	513	16.4	8.6	12.5	-	26.3	29	3.0	3	10.3	-	38	-	11	11	15	8	0	0	0	0	0	0	0	0	0	0	6.78	-	-
CLEVELAND																																	
HARTBURN ORANGE			9 9	31	21.0	9.5	15.3	-	30.0	29	1.2	3	-	-	13	28	7	1	6	3	0	0	0	0	0	0	0	0	0	0	7.62	-	-
HARTLEPOOL ...			9 9	9	20.5	11.9	16.2	+2.5	28.0	9	6.5	3	19	-	9	20	4	1	7	3	0	0	0	0	0	0	0	0	0	0	8.54	-	-
NORTH YORKSHIRE																																	
ASKHAM BRYAN			9 9	34	22.0	9.9	15.9	-	29.0	27.29	1.9	3	-	-	5	10	2	18	6	2	0	0	0	0	0	0	0	0	0	0	7.51	121	-
CANWOOD ...			9 9	6	21.6	9.9	15.7	-	29.0	29	2.8	3	16.0	14.0	6	13	2	14	4	3	0	0	0	0	0	0	0	0	0	0	7.55	-	-
HIGH MOWTHORPE			9 9	175	20.2	9.7	14.9	-	27.4	27	2.9	3	14.8	-	8	14	4	1	4	3	0	0	0	0	0	0	0	0	0	0	9.16	-	-
LEEMING ...			21-9	32	21.3	10.7	16.0	-	30.0	29	4.7	3	15.6	12.6	9	22	3	1	7	3	0	0	0	0	0	0	0	0	0	0	7.45	-	-
MALHAM TARN			9 9	395	17.61	9.21	13.41	(+1.71)	27.2	29	2.7	3	12.8	-	30	30	8	18	14	8	0	0	0	0	0	0	0	0	0	0	-	-	-
PICKERING			9 9	44	22.1	8.5	15.3	-	29.5	29	0.1	3	-	-	9	18	7	1	5	1	0	0	0	0	0	0	0	0	0	0	9.90	155	-
SCARBOROUGH			9 9	53	20.6	11.4	16.0	-	28.4	27	5.6	3	15.7	12.9	7	16	6	1	3	2	0	0	0	0	0	0	0	0	0	0	-	-	-
SILPHO MOOR			9 9	203	20.5	10.1	15.3	-	27.9	27	3.2	4	13.7	-	12	20	9	1	3	2	0	0	0	0	0	0	0	0	0	0	6.50	-	-
SNAIZEHOLME			9 9	290	17.4	9.1	13.3	-	29.0	29	4.0	19	12.8	-	29	-	9	18	12	7	0	0	0	0	0	0	0	0	0	0	9.12	-	-
WHITBY			9 9	40	21.1	11.0	16.1	-	28.9	26	3.1	3	-	-	4	-	2	18	4	2	0	0	0	0	0	0	0	0	0	0	-	-	-
WHITBY (COASTGUARD)			21-9	60	20.1	11.0	15.5	-	28.5	26	5.4	4	-	-	5	-	2	18	6	1	0	0	0	0	0	0	0	0	0	0	-	-	-
YORK (HESLINGTON)			9 9	20	22.1	10.8	16.5	-	30.4	29	4.8	4	15.6	13.7	5	11	2	17	5	1	0	0	0	0	0	0	0	0	0	0	8.09	-	-
HUMBERSIDE																																	
BRIDLINGTON			9 9	48	19.3	9.5	14.4	-	28.6	26	3.9	3	-	-	5	9	1	15	5	2	0	0	0	0	0	0	0	0	0	0	9.57	-	-
BRIGG			9 9	3	22.7	9.9	16.3	-	30.5	27	2.2	3	-	-	4	8	2	19	4	2	0	0	0	0	0	0	0	0	0	0	-	-	-
CLEETHORPES			9 9	7	21.7	12.2	16.9	+2.7	32.5	26	8.0	3.4	-	-	8	17	6	9	3	3	0	0	0	0	0	0	0	0	0	0	-	-	-
HULL			9 9	2	22.9	12.1	17.5	+2.9	31.8	26	4.3	3	17.2	14.4	3	6	1	1	3	1	0	0	0	0	0	0	0	0	0	0	9.08	144	-
KILNSEA			21-9	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LINCOLNSHIRE																																	
BINBROOK			21-9	108	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CAISTOR			9 9	55	23.0	9.9	16.5	-	32.0	26	1.0	3	-	-	5	-	3	19	4	1	-	-	-	-	-	-	-	-	-	-	-	-	
CRANWELL			9 9	62	23.1	10.9	17.0	+2.7	32.9	26	4.7	3	17.6	14.7	7	14	4	19	6	2	0	0	0	0	0	0	0	0	0	0	8.87	132	-
KIRTON			9 9	4	23.1	10.3	16.7	-	33.5	26	4.3	3	15.9	12.8	5	-	3	19	4	2	0	0	0	0	0	0	0	0	0	0	9.28	-	-
LINCOLN			9 9	7	23.1	10.4	16.7	+2.5	32.0	26	-0.5	3	15.8	13.6	6	-	3	19	4	2	0	0	0	0	0	0	0	0	0	0	8.66	-	-
SKEGNESS			9 9	5	21.3	12.6	16.9	+2.9	29.9	23.26	7.0	3	-	-	6	12	3	19	3	3	0	0	0	0	0	0	0	0	0	0	10.13	149	-
WADDINGTON			21-9	68	22.7	11.5	17.1	+2.8	32.4	26	4.6	3	-	-	6	13	3	19	5	2	0	0	0	0	0	0	0	0	0	0	9.03	129	-
3 EAST ANGLIA																																	
NORFOLK																																	
COLTISHALL			21-9	17	23.3	11.3	17.3	-	33.1	26	3.7	5	-	-	7	16	6	19	2	2	0	0	0	0	0	0	0	0	0	0	-	-	-
COSTESSEY			9 9	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CROMER			9 9	54	22.3	12.3	17.3	+3.2	31.8	26	6.6	5	-	-	6	14	5	19	2	1	0	0	0	0	0	0	0	0	0	0	10.30	154	-
EAST DEREHAM			9 9	53	25.3	10.3	17.8	-	35.4	26	4.1	4	-	-	13	-	7	19	3	3	0	0	0	0	0	0	0	0	0	0	-	-	-
GORLESTON			21-9	4	20.6	12.8	16.7	+2.6	25.2	15	5.4	4	16.1	13.6	5	13	3	18	4	3	0	0	0	0	0	0	0	0	0	0	9.94	141	-
MARHAM			21-9	23	24.3	11.7	18.0	-	33.9	26	5.5	4	-	-	7	-	6	19	3	1	0	0	0	0	0	0	0	0	0	0	9.61	-	-
MARLEY ST BOTOLPH			9 9	48	23.5	9.9	16.7	-	32.6	26	3.0	4	17.7	-	9	-	6	19	3	3	0	0	0	0	0	0	0	0	0	0	9.22	-	-
SANTON DOWNHAM			9 9	24	24.8	8.8	16.8	-	34.6	26	0.2	4	15.2	12.3	9	17	8	19	3	1	0	0	0	0	0	0	0	0	0	0	9.72	-	-
SCOLE			9 9	27	24.9	10.6	17.7	-	34.3	26	1.7	4	19.3	16.7	15	-	11	19	5	3	0	0	0	0	0	0	0	0	0	0	9.92	-	-
TERRINGTON ST CLEMENT			9 9	3	23.4	10.3	16.9	+2.6	32.4	26	4.8	21	17.9	-	8	15	5	19	5	3	0	0	0	0	0	0	0	0	0	0	9.04	139	-
CAMBRIDGESHIRE																																	

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

JUNE 1976

DISTRICT REGION/COUNTY AND PLACE	MAX. TERMINAL H(ORT) 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. DEG C	CONCRETE MIN. DEG C	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE					AMOUNT (MM)	DATE																
4 MIDLAND COUNTIES																																
WEST YORKSHIRE																																
BRADFORD ...	9 9	134	20.6	11.2	15.9	+2.2	29.2	29	5.5	3	14.9	12.3	15	29	7	2	7	5	0	0	0	0	1	0	0	0	0	0	0	7.40	118	S
BRAMHAM ...	9 9	54	20.9	9.5	15.2	-	28.2	29	3.3	3	-	-	6	13	1	14.15.17	6	3	0	0	0	0	0	0	0	0	0	0	0	-	-	-
HUDDESFIELD																																
ORKES ...	21-9	232	21.7	10.7	16.2	+2.5	29.8	29	6.5	3	14.5	11.1	14	23	3	16	12	6	0	0	0	0	0	0	0	0	0	0	0	7.81	131	-
RAVENSKNOLLE ...	9 9	99	22.0	11.8	16.9	+2.8	30.2	29	6.9	21	15.9	13.5	14	29	6	2	6	4	0	0	0	0	1	0	0	0	0	0	0	7.94	137	-
ILKLEY ...	9 9	83	21.1	10.7	15.9	+2.0	29.8	29	5.4	3	-	-	13	22	4	16	9	5	0	0	0	0	0	0	0	0	0	0	0	6.95	116	-
TODMORDEN ...	9 9	160	20.1	10.4	15.3	-	30.1	29	5.6	21	-	-	21	-	10	2	12	4	0	0	0	0	0	0	0	0	0	0	0	-	-	-
PONTERFRACT ...	9 9	78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WILDSOEN ...	9 9	262	19.8	10.2	15.0	-	29.4	29	4.9	3	-	-	18	-	5	2	9	5	0	0	0	0	0	0	0	0	0	0	0	-	-	-
SOUTH YORKSHIRE																																
FINNINGLEY ...	21-9	10	23.3	10.3	16.8	-	32.1	27	4.4	21	-	-	5	10	2	17	4	3	0	0	0	0	0	0	0	0	0	0	0	8.13	-	-
SHEFFIELD ...	9 9	131	22.3	12.0	17.1	+2.6	30.3	29	6.2	3	15.9	13.2	17	32	9	2	7	4	0	0	0	0	0	0	0	0	0	0	0	8.34	136	-
DERBYSHIRE																																
ASHOVER ...	9 9	178	21.6	10.3	15.9	-	30.0	28.29	5.2	21	-	-	15	-	5	16	8	5	0	0	0	0	0	0	0	0	0	0	0	8.26	-	-
BUXTON ...	9 9	307	19.6	10.2	14.9	+2.4	28.0	29	4.5	21	15.5	14.1	24	28	6	1	10	6	0	0	0	0	0	0	0	0	0	0	0	-	-	-
DERBY ...	9 9	48	23.4	12.1	17.7	-	31.5	28	5.5	21	-	-	9	19	3	16	5	5	0	0	0	0	0	0	0	0	0	0	0	7.82	-	-
MORLEY ...	9 9	107	22.8	9.9	16.3	-	30.6	29	4.9	21	-	-	12	23	3	17	6	5	0	0	0	0	0	0	0	0	0	0	0	6.98	-	-
WINGERWORTH ...	9 9	126	22.0	8.7	15.3	-	30.5	28	1.8	21	15.8	-	15	-	5	2.16	10	5	0	0	0	0	0	0	0	0	0	0	0	8.01	-	-
NOTTINGHAMSHIRE																																
MANSFIELD ...	9 9	114	22.6	11.8	17.2	+2.9	31.0	27	4.5	3	-	-	7	-	2	17	7	4	0	0	0	0	0	0	0	0	0	0	0	-	-	-
NEWTHORPE ...	9 9	58	(23.0)	(9.9)	(16.5)	-	30.5	26.28	2.8	21	-	-	17	-	8	2	8	6	0	0	0	0	0	0	0	0	0	0	0	(6.08)	(103)	-
NOTTINGHAM ...	9 9	59	(23.3)	(12.7)	(18.0)	+3.1	31.5	26	6.0	21	(16.9)	(14.0)	13	28	7	2	5	4	0	0	0	0	0	0	0	0	0	0	0	7.65	123	-
SUTTON BONINGTON ...	9 9	48	23.2	10.8	17.0	+2.8	31.8	26	4.1	21	15.5	13.1	10	21	3	19	6	5	0	0	0	0	0	0	0	0	0	0	0	7.99	-	-
WARSOP ...	9 9	46	23.3	8.9	16.1	-	31.6	27	1.8	21	-	-	8	17	2	17	6	4	0	0	0	0	0	0	0	0	0	0	0	7.91	128	-
WATNALL ...	21-9	117	22.7	11.5	17.1	+2.8	30.8	28	6.1	3	-	-	18	34	7	2	8	6	0	0	0	0	0	0	0	0	0	0	0	-	-	-
STAFFORDSHIRE																																
KEELE ...	9 9	179	20.7	11.0	15.9	-	30.0	29	6.6	4	14.8	11.8	19	29	9	16	9	5	0	0	0	0	0	0	0	0	0	0	0	7.32	-	-
OSWESTRY ...	9 9	125	22.2	10.5	16.3	+2.2	30.2	27	5.0	21	15.9	-	23	44	11	16	7	5	0	0	0	0	0	0	0	0	0	0	0	-	-	-
PENKIRIDGE ...	9 9	101	22.7	9.6	16.1	-	30.0	29	4.2	21	-	-	19	38	8	16	6	4	0	0	0	0	0	0	0	0	0	0	0	-	-	-
STONE ...	9 9	107	21.3	10.3	15.8	-	29.2	29	5.0	21	-	-	24	43	16	16	7	3	0	0	0	0	0	0	0	0	0	0	0	7.85	-	-
LEICESTERSHIRE																																
CALDECOTT ...	9 9	52	23.6	9.9	16.7	-	33.2	26	1.1	3	-	-	15	34	7	19	6	5	0	0	0	0	0	0	0	0	0	0	0	8.61	-	-
NEWTON LINFORD ...	9 9	119	22.8	10.2	16.5	-	31.5	26.27	5.4	21	-	-	13	26	5	19	7	5	0	0	0	0	0	0	0	0	0	0	0	8.14	-	-
SALOP																																
NEWPORT ...	9 9	64	22.4	10.0	16.2	+2.3	30.7	29	4.0	4	-	-	24	50	15	16	6	3	0	0	0	0	0	0	0	0	0	0	0	8.36	133	-
OSWESTRY ...	9 9	174	20.8	10.7	15.7	+2.0	30.5	29	6.0	1	-	-	15	27	9	16	6	3	0	0	0	0	0	0	0	0	0	0	0	7.86	125	-
SHAWBURY ...	21-9	72	22.3	10.0	16.1	+2.0	31.2	29	3.9	21	-	-	19	39	12	16	5	3	0	0	0	0	0	0	0	0	0	0	0	8.02	124	-
SHREWSBURY ...	9 9	56	22.5	11.0	16.7	+2.0	31.1	29	4.9	4	17.4	15.0	14	31	5	16	5	5	0	0	0	0	0	0	0	0	0	0	0	7.25	115	-
WEST MIDLANDS																																
BIRMINGHAM																																
EDGBASTON ...	21-9	163	22.6	12.4	17.5	+3.0	31.6	27	8.7	4.21	14.0	-	21	39	8	16	5	4	0	0	0	0	0	0	0	0	0	0	0	8.65	141	-
ELMDON AIRPORT ...	21-9	96	22.9	10.2	16.5	+2.4	31.6	27	4.7	21	-	-	20	-	7	16	6	4	0	0	0	0	0	0	0	0	0	0	0	8.70	134	-
KING EDWARD SCHOOL ...	9 9	137	23.1	-	-	-	31.7	26	-	-	-	-	19	37	8	16	4	4	0	0	0	0	0	0	0	0	0	0	0	-	-	-
COVENTRY AIRPORT ...	9 9	81	23.1	10.3	16.7	-	32.4	26	5.0	21	14.5	12.9	19	-	10	19	5	4	0	0	0	0	0	0	0	0	0	0	0	8.76	-	-
WARWICKSHIRE																																
LONG LAFORD ...	9 9	87	23.8	10.1	16.9	-	33.2	27	4.7</																							

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	DEW POINT DEG C	CONCRETE MIN. BELOW 0 DEG C	GRAVEL	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 ...																																	
ENFIELD ...																																	
GREENWICH ...																																	
HAMPSTEAD ...																																	
HAMPTON ...																																	
HARROW WEALD ...																																	
HEATHROW AIRPORT ...																																	
KENSINGTON PALACE ...																																	
KEM ...																																	
PSYCHROMETER ...																																	
NORTH WALL SCREEN ...																																	
LONDON																																	
WEATHER CENTRE (X)																																	
ST JAMES PARK ...																																	
SOUTHGATE ...																																	
WADDON ...																																	
WEALDSTONE ...																																	
WILTSHIRE																																	
BOSCOMBE DOWN ...																																	
LACOCK ...																																	
LARKHILL ...																																	
LYNEHAM ...																																	
PORTON ...																																	
UPAVON ...																																	
BERKSHIRE																																	
EASTHAMPTON ...																																	
HURLEY ...																																	
LAMBOURN (WARREN FARM)																																	
READING ...																																	
SHINFIELD (I.R.O.) ...																																	
SURREY																																	
MERRIST WOOD ...																																	
NICKLEHAM ...																																	
WISLEY ...																																	
KENT																																	
DOVER ...																																	
DOVER R.M.S. ...																																	
DUNGENESS ...																																	
EAST MALLING ...																																	
ELMSTONE ...																																	
FAVERSHAM ...																																	
FOLKESTONE ...																																	
GILLINGHAM ...																																	
GOUDHURST ...																																	
HADLOW COLLEGE ...																																	
HERNE BAY ...																																	
MANSTON ...																																	
MARGATE ...																																	
ULCOMBE ...																																	
WYE ...																																	
HAMPSHIRE																																	
ALICE HOLT LODGE ...																																	
EVERTON ...																																	
HAYLING ISLAND ...																																	
LECKFORD ...																																	
LONG SUTTON ...																																	
MARTYR WORTHY ...																																	
SOUTHAMPTON																																	
MAYFLOWER PARK ...																																	
WEATHER CENTRE (X)																																	
SOUTHSEA ...																																	
ISLE OF WIGHT																																	
RYDE ...																																	
ST CATHERINES POINT ...																																	
SANDOWN ...																																	
SHANKLIN ...																																	
VENTNOR ...																																	
WEST SUSSEX																																	
BOGNOR REGIS ...																																	
GATWICK AIRPORT ...																																	
LITTLEHAMPTON ...																																	
NORTH HEATH ...																																	
ROGATE ...																																	
RUSTINGTON ...																																	
THORNEY ISLAND ...																																	
WORTHING ...																																	
EAST SUSSEX																																	
BEKHILL ...																																	
BRIGHTON ...																																	
EASTBOURNE ...																																	
EAST HOATHLY ...																																	
HASTINGS ...																																	
PLUMPTON ...																																	

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

JUNE 1976

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	WIND DIR. & SPEED	WIND DIR. & SPEED	WIND DIR. & SPEED	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE
			MAX. (A)	MIN. (B)	MAX.	DATE		MIN.	DATE	AMOUNT (MM)	DATE																				
7A ENGLAND NW & I.O.M.																															
CUMBRIA																															
CARLISLE ...	21-9	26	19.0	11.0	15.0	-	27.9	29	6.2	19	15.4	13.2	51	80	13	1	11	9	0	0	0	0	0	0	0	0	0	0	6.71	-	-
CARTMEL ...	9-9	34	19.2	10.5	14.9	-	30.1	29	4.8	4	-	-	41	-	15	18	11	7	0	0	0	0	0	0	0	0	0	0	-	-	-
GRIZEDALE ...	9-9	91	18.7	9.2	13.9	-	29.8	29	2.9	4	13.5	-	58	51	20	11	15	11	0	0	0	0	0	0	0	0	0	0	-	-	-
HEVERSHAM ...	9-9	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MOOR HOUSE ...	9-9	556	15.7	7.9	11.8	-	25.6	29	1.2	3	10.3	-	51	44	13	11	16	10	0	0	0	0	0	0	0	0	0	0	7.53	-	-
NEWTON RIGG ...	9-9	171	20.0	10.2	15.1	+2.0	28.6	30	5.3	21	15.0	-	27	49	8	16	12	6	0	0	0	0	0	0	0	0	0	0	6.99	115	S
SELLAFIELD ...	9-9	13	17.2	11.4	14.3	-	27.0	30	7.0	4	-	-	54	75	12	11	11	10	0	0	0	0	0	0	0	0	0	0	6.43	-	-
LANCASHIRE																															
BAILRIGG ...	9-9	53	18.9	11.4	15.1	-	28.3	29	6.8	19	-	-	35	-	16	18	12	5	0	0	0	0	0	0	0	0	0	0	7.11	-	-
HELMESHORE ...	9-9	260	19.3	10.6	14.9	-	29.7	29	6.6	21	113.51	-	33	35	11	2	11	7	0	0	0	0	0	0	0	0	0	0	7.26	-	S
KIRKHAM ...	9-9	24	19.5	10.6	15.1	-	28.6	29	5.9	19	-	-	24	37	10	18	9	5	0	0	0	0	0	0	0	0	0	0	7.72	-	-
MORECAMBE ...	9-9	7	19.4	12.6	16.0	+1.6	29.8	30	9.2	2	-	-	26	37	11	18	11	5	0	0	0	0	0	0	0	0	0	0	6.92	103	-
NELSON ...	9-9	165	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PRESTON ...	9-9	33	20.2	11.6	15.9	-	30.6	29	6.1	21	-	-	17	24	9	18	8	2	0	0	0	0	0	0	0	0	0	0	-	-	-
SLAIBURN ...	9-9	192	19.5	10.1	14.8	-	29.4	29	5.8	19	-	-	23	24	8	18	15	7	0	0	0	0	0	0	0	0	0	0	7.52	-	-
SQUIRES GATE AIRPORT ...	21-9	10	19.4	11.5	15.5	+1.6	31.3	30	6.0	21	-	-	18	31	7	16	9	3	0	0	0	0	0	0	0	0	0	0	7.73	105	-
STONYHURST ...	9-9	115	119.91	110.61	115.31	+1.61	31.5	29	4.3	2	-	-	20	25	9	18	10	4	0	0	0	0	0	0	0	0	0	0	6.80	1101	-
MERSEYSIDE																															
ATGURTH ...	9-9	12	20.8	12.4	16.6	-	30.5	29	8.2	4	-	-	24	-	12	16	10	5	0	0	0	0	0	0	0	0	0	0	-	-	-
ST HELENS ...	9-9	76	21.1	11.3	16.2	-	32.2	29	7.2	4	17.0	-	19	-	10	16	9	5	0	0	0	0	0	0	0	0	0	0	7.37	-	-
SOUTHPORT ...	9-9	5	19.6	11.0	15.3	+1.3	29.8	30	6.4	21	16.1	11.4	15	26	6	18	8	3	0	0	0	0	0	0	0	0	0	0	7.89	110	-
SPEKE AIRPORT ...	21-9	22	21.5	11.8	16.7	+1.9	32.1	29	7.3	4	-	-	25	-	13	16	8	5	0	0	0	0	0	0	0	0	0	0	8.02	122	-
WEST KIRBY PARK ...	9-9	8	21.3	12.1	16.7	+2.0	30.2	30	7.3	21	-	-	15	30	5	19	8	4	0	0	0	0	0	0	0	0	0	0	-	-	-
GREATER MANCHESTER																															
BOLTON ...	9-9	107	20.6	10.9	15.7	-	31.0	29	5.7	21	14.1	12.2	8	-	5	16	4	2	0	0	0	0	0	0	0	0	0	0	-	-	-
MANCHESTER																															
RINGWAY AIRPORT ...	21-9	75	21.3	12.1	16.7	+2.4	31.3	29	7.6	21	-	-	22	36	6	16	9	6	0	0	0	0	0	0	0	0	0	0	7.82	123	-
WEATHER CENTRE (X) ...	21-9	69	21.6	13.5	17.5	-	32.7	29	9.7	21	-	-	17	-	8	16	7	4	0	0	0	0	0	0	0	0	0	0	7.33	-	-
CHESHIRE																															
KNUTSFORD ...	9-9	65	21.7	11.0	16.3	-	31.4	29	6.2	4, 21	15.9	14.0	19	30	9	16	8	5	0	0	0	0	0	0	0	0	0	0	-	-	-
MACCLESFIELD ...	9-9	152	21.0	11.3	16.1	+1.9	29.4	29	3.2	5	-	-	19	27	4	18	8	7	0	0	0	0	0	0	0	0	0	0	-	-	-
NESS GARDENS ...	9-9	55	21.0	11.4	16.2	-	30.7	29	6.8	21	16.4	-	21	40	11	16	8	5	0	0	0	0	0	0	0	0	0	0	7.08	-	S
WINNINGTON ...	9-9	20	22.1	12.1	17.1	+1.8	31.3	29	7.5	4, 21	-	-	20	34	9	16	8	4	0	0	0	0	0	0	0	0	0	0	-	-	-
ISLE OF MAN																															
DOUGLAS ...	9-9	87	16.6	10.7	13.7	+0.7	25.7	29-30	7.0	19	-	-	47	68	17	10	11	8	0	0	0	0	0	0	0	0	0	0	7.19	100	-
POINT OF AYRE ...	21-9	9	18.7	10.7	14.7	+1.0	24.0	30	6.6	3	-	-	29	58	8	16	13	7	0	0	0	0	0	0	0	0	0	0	7.78	108	-
RONALDSWAY AIRPORT ...	21-9	16	16.3	10.4	13.3	+0.4	26.7	30	6.0	21	-	-	31	60	7	21	11	6	0	0	0	0	0	0	0	0	0	0	6.65	94	-
7B WALES N																															
GWYNEDD																															
ABER ...	9-9	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BALA ...	9-9	163	19.8	8.8	14.3	-	31.3	29	1.5	21	15.0	14.0	10	14	3	11	8	4	0	0	0	0	0	0	0	0	0	0	7.52	-	-
BARDSEY ISLAND ...	21-9	16	15.8	10.9	13.3	-	27.0	30	8.5	3	-	-	10	18	5	19	5	4	0	0	0	0	0	0	0	0	0	0	-	-	-
BOTWING ...	9-9	34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHWYSTRODLYN ...	9-9	204	17.7	10.8	14.3	-	29.5	29	7.0	3, 4, 21	-	-	80	-	27	11	16	9	0	0	0	0	0	0	0	0	0	0	5.56	-	-
LLYN ALAW ...	9-9	44	18.8	10.9	14.9	-	27.0	30	5.5	3	-	-	19	-	7	18	11	6	0	0	0	0	0	0	0	0	0	0	7.21	-	-
PEN-Y-FFRIDD ...	9-9	84	20.0	11.0	15.5	-	28.4	30	6.2	5	-	-	31	42	18	18	8	6	0	0	0	0	0	0	0	0	0	0	7.88	-	-
TRANSFYDD ...	9-9	193	18.9	10.2	14.5	-	3																								

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

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	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	RAIL	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE	
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE																						
BA WALES S CONTINUED																																
WEST GLAMORGAN																																
MUMBLES HEAD ...	21-9	36	19.2	12.7	15.9	-	29.8	29	7.8	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NEATH ...	9 9	62	20.8	12.5	16.7	-	30.8	29	6.9	4	-	-	28	33	18	19	9	5	-	-	-	-	-	-	-	-	-	-	-	-	-	
PENMAEN ...	9 9	85	20.2	11.9	16.1	-	28.9	29	6.5	2	16.3	14.7	35	45	24	19	9	4	-	-	-	-	-	-	-	-	-	-	-	-	-	
PORT TALBOT ...	9 9	7	21.7	12.8	17.3	-	31.4	29	7.0	3	-	-	29	39	19	19	8	4	-	-	-	-	-	-	-	-	-	-	-	-	-	
SWANSEA ...	9 9	8	20.5	12.3	16.4	+1.2	29.5	29	6.6	2	18.1	15.6	27	38	21	19	8	4	-	-	-	-	-	-	-	-	-	-	-	-	-	
MID GLAMORGAN																																
ABERGARE ...	9 9	174	21.6	11.0	16.3	-	31.7	28	5.3	4	-	-	25	-	21	19	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
LLWYNON ...	9 9	242	20.6	10.0	15.3	-	31.0	28	4.9	4	-	-	33	33	27	19	9	4	-	-	-	-	-	-	-	-	-	-	-	-	-	
PORTHCAWL ...	9 9	6	19.8	13.0	16.4	-	30.4	30	8.1	4	-	-	33	51	27	19	9	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
SOUTH GLAMORGAN																																
BRIDGEND ...	9 9	43	20.8	11.1	15.9	-	31.0	29	4.6	4	16.8	13.5	43	-	31	19	9	5	-	-	-	-	-	-	-	-	-	-	-	-	-	
RHOOSE AIRPORT ...	21-9	67	20.8	11.6	16.2	-	32.1	29	6.3	2	-	-	32	-	27	19	8	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
GWENT																																
CRUMBLAND ...	9 9	245	21.6	11.4	16.5	-	31.0	28	6.0	2	14.8	12.8	15	23	8	19	5	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
NEWPORT ...	9 9	23	22.5	11.9	17.2	-	31.9	29	6.0	2	-	-	20	31	16	19	7	4	-	-	-	-	-	-	-	-	-	-	-	-	-	
USK ...	9 9	21	24.0	9.2	16.6	+1.9	33.5	28	3.0	5	17.6	-	10	16	8	19	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
BB ENGLAND SW																																
AVON																																
BATH ...	9 9	118	22.7	12.5	17.6	-	32.2	27	7.8	2	16.7	-	35	61	32	19	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
FILTON ...	21-9	59	22.9	12.3	17.6	+2.7	32.8	28	7.5	3	-	-	26	49	22	19	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
LONG ASHTON ...	9 9	51	22.6	11.8	17.2	+2.4	32.4	28	6.0	2	17.4	-	25	43	25	19	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
SOMERSET																																
CANNINGTON ...	9 9	23	23.2	12.0	17.6	+2.7	32.5	29	8.0	11	18.3	-	8	17	5	19	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
DOWNSIDE ABBEY ...	9 9	183	22.2	11.4	16.8	-	31.4	28	7.1	3	-	-	35	51	32	19	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
EXTON ...	21-9	335	20.8	10.6	15.7	-	30.0	27	5.1	2	-	-	41	-	33	19	9	4	-	-	-	-	-	-	-	-	-	-	-	-	-	
HAWKRIDGE ...	9 9	314	19.8	10.5	15.1	-	29.0	27	6.2	2	-	-	58	73	47	19	13	6	-	-	-	-	-	-	-	-	-	-	-	-	-	
NETTLECOMBE ...	9 9	96	21.5	10.4	15.9	-	30.7	28	6.2	2	17.6	-	12	-	9	19	5	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
RODNEY STOKE ...	9 9	40	22.9	11.7	17.3	-	32.3	28	7.1	4,11	16.5	13.7	38	65	35	19	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
WINCANTON ...	9 9	114	23.7	11.6	17.7	-	33.1	27	6.5	2	-	-	30	55	16	18	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
YEOWILTON ...	21-9	18	23.7	11.3	17.5	-	33.6	28	4.8	2	-	-	5	11	5	19	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
DORSET																																
BOURNEMOUTH																																
HURN AIRPORT ...	21-9	10	23.4	11.1	17.3	-	33.8	28	4.8	11	-	-	6	13	3	19	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
MEYRICK PARK ...	9 9	40	22.1	12.2	17.1	+2.2	32.6	26	7.3	2	17.1	13.6	5	11	2	16	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
CHRISTCHURCH ...	9 9	3	22.4	11.6	17.0	-	33.0	26	5.3	11	-	-	6	13	3	19	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
POOLE ...	9 9	5	23.4	12.1	17.7	+2.6	33.8	28	6.9	11	17.5	15.6	1	3	1	19	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
PORTLAND BILL																																
(COASTGUARD) ...	21-9	53	18.8	(12.9)	(15.9)	(+2.0)	30.8	28	9.0	2	-	-	4	-	3	19	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
SWANAGE ...	9 9	11	20.6	12.9	16.7	+2.1	32.4	26	8.4	4	-	14.9	3	8	2	19	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
MEYMOUTH ...	9 9	23	21.2	12.1	16.7	-	32.3	28	8.2	2	-	-	3	-	2	19	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
WIMFRITH ...	9 9	26	22.9	11.1	17.0	-	34.0	28	5.4	11	-	-	3	7	2	19	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
DEVON																																
CHELDON BARTON ...	9 9	164	21.9	10.3	16.1	-	31.8	28	4.4	2	15.6	-	17	-	14	19	6	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
EXETER AIRPORT ...	21-9	32	23.2	11.5	17.3	+2.6	33.5	27	6.1	3	-	-	1	2	-	18	2	0	-	-	-	-	-	-	-	-	-	-	-	-	-	
EXMOUTH ...	9 9	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HARTLAND POINT ...	21-9	91	17.2	12.6	14.9	+1.3	26.2	29	9.9	3	-	-	37	69	24	19	9	5	-	-	-	-	-	-	-	-	-	-	-	-	-	
ILFRACOMBE ...	9 9	8	19.0	13.4	16.2	-	27.3	30	9.0	3	17.8	14.6	32	-	17	19	9	5	-	-	-	-	-	-	-	-	-	-	-	-	-	
NEWTON ABBOT ...	9 9	83	-	12.0	-	-	-	-	6.9	2	-	-	4	8	(3)	19	(2)	11	-	-	-	-	-	-	-	-	-	-	-	-	-	
PLYMOUTH																																
MOUNT BATTEN ...	21-9	27	20.2	12.6	16.4	+2.1	31.6	29	7.1	2	-	-	11	20	4	16	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	
THE MOE ...	9 9	36	19.4	12.9	16.1	+1.3	29.5	29	7.8	2	16.4	14.1	9	16	3	17	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
PRARLE POINT ...	21-9	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PRINCETOWN ...	9 9	414	19.1	11.1	15.1	-	30.6	28	6.3	3	-	-	35	-	21	19	9	5	-	-	-	-	-	-	-	-	-	-	-	-	-	
SLAPTON ...	9 9	32	21.4	12.4	16.9	-	30.5	28	7.4	2,4	-	-	5	10	3	18	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
STARCROSS ...	9 9	9	22.2	11.6	16.9	+2.5	31.7	28	6.1	2	17.4	-	1	3	-	1	2	0	-	-	-	-	-	-	-	-	-	-	-	-	-	
TAVISTOCK ...	9 9	139	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TEIGNMOUTH ...	9 9	6	21.2	12.9	17.1	+2.0	30.0	27	8.2	2	-	-	1	3	-	1	3	0	-	-	-	-	-	-	-	-	-	-	-	-	-	
TORBAY(TORQUAY) ...	9 9	8	21.6	13.0	17.3	+2.3	31.0	27	8.1	10	-	16.1	7	16	6	20	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
CORNWALL																																
BASTREET ...	9 9	232	19.6	9.5	14.5	-	30.4	28	1.5	4	-	-	41	41	27	19	10	5	-	-	-	-	-	-	-	-	-	-	-	-		

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JUNF 1976

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TABLE 4. SUMMARY OF OBSERVATIONS AT FIXED HOURS

	HEIGHT OF BAROMETER ABOVE MSL (METRES)	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY		CLOUD AMOUNT		VISIBILITY		WIND SPEED AND DIRECTION																													
			AT MSL (MB)	DIFFERENCE FROM 1941-70 AVERAGE	DRY BULB DEGREES C	WET BULB DEGREES C	DEPRESSION OF WET BULB DEGREES C	RELATIVE HUMIDITY (%)	OKTAS					BEAUFORT FORCE					SPEED (KT)																					
									MEAN	0	1-2	3-5	6-7	8	SKY OBSERVED	0-39M	40-190M	200-390M	400-990M	1000-1900M	2000-3900M	4-39M	10-19M	20-39M	40M AND OVER	8 OR MORE	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW		
NUMBER OF OBSERVATIONS																																								
4 MIDLAND COUNTIES																																								
WEST YORKSHIRE																																								
	HUDDERSFIELD	235	3	1019.9	-	11.2	2.0	10.1	76	6.4	2	1	4	6	17	0	0	1	0	1	0	2	10	11	5	0	0	1	10	19	0	2	2	2	0	4	9	6	0	
	ORKES		9	1020.4	-	16.5	2.7	13.8	73	5.5	5	1	7	7	10	0	0	0	0	0	0	0	10	10	10	0	0	0	11	19	0	4	0	0	0	2	8	13	0	
			15	1020.0	-	20.1	4.6	14.2	62	5.4	4	1	4	16	5	0	0	0	0	0	0	0	0	0	0	0	0	3	16	11	0	2	0	0	3	4	16	5		
			21	1020.4	-	15.1	2.0	13.6	79	4.9	4	3	6	10	7	0	0	0	0	0	0	0	1	17	12	0	0	0	1	12	17	0	3	1	0	2	3	4	7	10
	MILSDEN	267	3	1020.3	-	11.4	0.8	12.3	90	4.6	4	7	2	10	7	0	0	0	0	1	0	2	14	13	0	0	0	6	16	8	0	1	0	2	4	7	8	0		
			9	1020.4	-	15.1	2.3	13.2	77	5.1	4	3	5	6	12	0	0	0	0	0	2	3	9	9	7	0	0	1	9	17	3	1	2	1	3	3	7	9	1	
			15	1019.8	-	18.6	-	-	-	4.9	3	5	10	8	6	0	0	0	0	0	2	1	4	17	6	0	0	0	12	18	0	0	1	2	2	4	7	13	1	
			21	1020.6	-	14.4	1.9	13.2	81	4.5	2	7	8	7	6	0	0	0	0	2	0	6	17	5	0	0	0	4	23	3	0	0	4	3	3	4	12	1		
SOUTH YORKSHIRE																																								
	FINNINGLEY	15	3	1020.4	-	11.3	0.7	12.4	91	4.4	3	8	8	6	5	0	0	0	0	0	0	11	6	8	1	0	0	0	24	6	0	1	4	2	3	8	5	1		
			9	1020.8	+4.6	18.2	3.6	14.0	66	4.6	5	3	7	11	4	0	0	0	0	0	0	2	13	13	2	0	0	0	6	24	0	3	2	0	3	8	7	6	1	
			15	1019.9	-	22.1	6.1	13.6	53	5.0	4	3	7	11	5	0	0	0	0	0	0	1	6	20	3	0	0	15	15	0	1	1	3	1	7	10	7	0		
			21	1020.5	-	16.5	2.6	14.0	74	4.3	2	9	6	11	2	0	0	0	0	0	7	9	12	2	0	0	2	28	0	1	2	4	4	3	4	7	5			
NOTTINGHAMSHIRE																																								
	WATNALL	119	3	1020.8	-	12.3	0.8	13.1	91	4.2	4	8	5	8	5	0	0	0	0	1	2	14	9	4	0	0	0	2	22	6	4	3	1	1	1	6	8	0		
			9	1021.1	+4.8	17.6	3.2	14.1	70	4.5	5	6	4	9	6	0	0	0	0	0	1	8	12	8	1	0	0	7	23	0	1	4	2	1	3	11	8	0		
			15	1020.0	-	21.8	5.5	14.5	57	5.0	3	4	6	12	5	0	0	0	0	0	1	1	9	15	4	0	0	13	16	1	0	2	2	0	2	13	9	1		
			21	1020.8	-	16.8	2.3	14.8	78	4.6	3	8	2	14	3	0	0	0	0	1	1	9	12	7	0	0	0	2	26	2	3	2	2	2	3	2	9	5		
SALOP																																								
	SHAMBURY	76	3	1020.7	-	11.4	0.8	12.4	91	5.0	0	8	5	12	5	0	0	0	1	0	2	3	5	7	11	1	0	0	2	20	8	2	0	2	2	6	5	3	2	
			9	1021.1	+4.6	16.8	2.8	13.9	72	5.0	3	3	8	10	6	0	0	0	0	1	1	5	5	13	5	0	0	8	22	0	0	1	3	4	4	9	7	2		
			15	1020.0	-	21.2	5.2	14.3	58	4.9	3	3	8	13	3	0	0	0	0	1	0	2	2	14	11	0	0	13	17	0	3	2	2	1	4	3	11	4		
			21	1020.8	-	15.7	2.1	14.1	78	4.4	1	9	6	10	4	0	0	0	0	1	0	0	3	9	12	5	0	0	1	28	1	5	1	3	1	1	4	11	3	
WEST MIDLANDS																																								
	EDOBASTON	165	9	1021.3	+4.5	16.4	3.2	13.1	69	4.7	5	5	4	8	8	0	0	0	0	0	1	5	16	7	1	0	0	2	23	5	1	1	2	0	6	8	6	1		
			15	1020.1	-	21.4	5.9	13.2	54	4.9	5	3	6	12	4	0	0	0	0	0	3	0	15	8	4	0	0	6	22	2	0	1	2	1	5	5	10	4		
			21	1020.8	-	18.3	3.7	14.0	67	4.3	3	8	5	11	3	0	0	0	0	1	1	4	17	5	2	0	0	2	25	3	6	1	3	1	2	3	6	5		
	ELMDON	100	3	1021.0	-	11.6	0.8	12.5	91	4.5	4	4	10	9	3	0	0	0	1	0	9	14	6	0	0	0	0	2	23	5	2	0	1	5	7	5	2	3		
			9	1021.3	+4.6	17.4	3.5	13.2	67	4.5	5	4	5	12	4	0	0	0	0	1	1	20	6	2	0	0	0	4	26	0	1	4	1	3	5	11	3	2		
			15	1020.2	-	21.8	6.2	13.0	52	4.8	3	7	4	11	5	0	0	0	0	1	1	15	8	5	0	0	0	3	17	0	2	1	3	2	5	10	6	1		
			21	1020.7	-	17.2	3.1	13.9	71	4.2	2	10	4	10	4	0	0	0	0	1	6	12	11	0	0	0	0	3	17	2	3	2	3	2	2	6	6	4		
HEREFORD & WORCESTER																																								
	PERSHORE	36	3	1020.9	-	12.3	0.9	13.0	90	4.1	7	4	6	8	5	0	0	0	0	1	1	1	11	9	5	2	0	0	1	23	6	4	1	2	0	4	6	4	3	
			9	1021.3	-	17.7	3.3	13.9	69	4.5	5	5	5	9	6	0	0	0	0	0	1	4	13	8	4	0	0	5	25	0	3	0	4	3	3	12	4	1		
			15	1020.1	-	22.6	6.4	13.6	51	4.7	2	7	4	14	3	0	0	0	0	1	2	4	17	6	0	0	0	11	19	0	2	1	4	1	1	14	3	4		
			21	1020.6	-	17.6	3.0	14.5	72	3.7	4	11	2	9	4	0	0	0	0	0	3	0	8	15	4	0	0	1	29	0	3	3	3	2	1	8	6	4		
GLOUCESTER																																								
	INNSMORTH	-	3	1020.9	-	13.2	0.8	13.9	90	4.6	4	6	4	13	3	0	0	0	0	0	4	12	7	7	0	0	0	0	16	14	2	0	1	1	1	4	7	0		
			9	1021.5	-	18.1	3.1	14.9	72	4.6	6	3	5	11	5	0	0	0	0	0	1	12	10	4	3	0	0	3	25	2	3	2	0	2	2	10	6	3		
			15	1020.2	-	23.1	6.2	14.7	54	4.7	1	7	6	14	2	0	0	0	0	0	3	7	16	4	0	0	0	14	16	0	2	1	2	1	1	12	9	2		
			21	1020.7	-	18.7	3.1	15.5	72	4.0	2	11	5	10	2	0	0	0	0	0	1	7	7	14	1	0	0	1	21	8	2	0	1	1	2	11	2	3		
LITTLE																																								
RISINGTON OXFORDSHIRE																																								
	BENSON	74	3	1021.2	-	13.4	1.2	13.5	87	4.4	6	4	8	5	7	0	0	0	0	1	1	0	12	8	0	0	0	0	20	10	4	0	2	1	7	4	1	1		
			9	1021.8	-	18.2	3.5	14.2	68	4.6	4	6	4	11	5	0	0	0	0	0	0	7	11	9	3	0	0	2	25	3	6	2	0	0	6	8	5	0		
			15	1020.4	-	23.7	6.9	13.9	50	4.8	1	8	5	12	4	0	0	0	0	0	1	2	4	12	11	0	0	5	24	1	2	2	1	0	4	8	9	3		
			21	1021.1	-	18.2	3.3	14.6	70	4.1	2	10	5	9	4	0	0	0	0	0	0	5	16	4	0	0	0	1	24	5	2	3	3	0	4	9	3	1		
	BRIZE NORTON	92	3	1021.1	-	12.4	1.0	12.8	88	4.6	5	7	1	9	7	1	0	1	0	0	2	1	11	10	5	0	0	1	27	2	4	5	2	0	0	5	9	3		
			9	1021.6	-	18.0	3.8	13.4	65	4.5	6	4	3	14	3	0	0	0	0	0	2	5	8	13	2	0	0	3	27	0	0	0	3	4	3	11	5	1		
			15	1020.3	-	22.9	7.0	12.6	48	4.8	1	8	4	12	5	0	0	0	0	0	1	3	17	8	0	0	0	10	20	0	1	1	3	1	2	14	6	2		
			21	1020.9	-	18.2	3.7	13.9	67	4.0	4	7	7	10	2	0	0	0	0	0	0	4	9	16	1	0	0	4	26	0	1	2	4	1	2	10	7	3		
5 ENGLAND SE & CENT. S.																																								
GREATER LONDON																																								
	HERTHROW	26	3	1021.0	-	14.9	1.8	13.9	81	3.4	5	10	5	7	3	0	0	0	0	0	0	2	6	15	7	0	0	0	30	0	3	4	3	0	1	9	8	2		
			9	1021.7	+4.5	19.2	4.3	13.9	62	4.0	5	7	6	8	4	0	0	0	0	0	0	4	10	9	5	2	0	0	4	26	0	2	3	2	4	2	3	12	2	
			15	1020.2	-	24.5	8.2</																																	

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

JUNE 1976

STATION	HEIGHT OF BAROMETER ABOVE MSL (METRES)	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT							VISIBILITY							WIND SPEED AND DIRECTION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
			AT MSL (MB)	DIFFERENCE FROM 1941-70 AVERAGE	DRY BULB DEGREES C	DEPRESSION OF WET BULB DEGREES C	VAPOUR PRESSURE (MB)	RELATIVE HUMIDITY (%)	OKTAS							0 - 30M	40 - 100M	200 - 300M	400 - 900M	1000 - 1900M	2000 - 3900M	4 - 9KM	10 - 19KM	20 - 39KM	40KM AND OVER	BEAUFORT FORCE					SPEED (KT)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
									0	1 - 2	3 - 5	6 - 7	8	SKY OBSERVED	18 OR MORE											22-35	11-21	1-10	0	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

JUNE 1976

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

TABLE 6 SUMMARY OF AUTOGRAPHIC RECORDS OF WIND

JUNE 1976

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		HOURLY WIND				GUST																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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																	ABOVE MSL	ABOVE GROUND EFFECTIVE	DATES OF OCCURRENCE	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	HOURS OF NO RECORD	MEAN HOURLY WIND SPEED (KT)	YEAR FROM N	SPEED-KT	DAY	HOUR BEGINNING	YEAR FROM N	SPEED-KT	DAY	TIME																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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JUNE 1976

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 (ORAL 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	HOUR BEGINNING	YEAR FROM N	SPEED-KT	DAY	TIME
CONTINUATION OF DISTRICT 3 EAST ANGLIA																									
SUFFOLK	WYTON	45	10	10				0	0	0	141	500	79	0	7.6	290	20	1	17	260	31	9	1824		
	HONINGTON	60	13	13				0	0	0	142	450	128	0	7.1	300	20	1	18	300	31	1	1400		
BEDFORDSHIRE	WATTISHAM	105	17	10				0	0	0	173	442	105	0	7.7	290	20	1	14	290	32	1	1600		
	BEDFORD	94	13	9				0	1	1	80	513	126	0	6.6	300	24	1	17	300	34	1	1742		
HERTFORDSHIRE	CARDINGTON	70	41	41				0	0	0	183	439	98	0	8.0	250	21	9	17	300	32	1	1624		
	GARSTON	94	15	10				0	0	0	15	472	233	0	4.7	300	14	1	16	320	31	1	1824		
ESSEX	ROTHAMSTED	141	13	10				0	0	0	12	273	430	5	3.3	300	12	1	14	300	32	1	1604		
	SHOEBURYNES	17	14	12				0	0	0	141	505	72	2	7.8	230	18	19	18	230	30	19	1930		
	STANSTED	108	10	10				0	0	0	119	496	105	0	6.9	300	20	1	12	320	34	1	1712		
4 MIDLAND COUNTIES																									
SOUTH YORKSHIRE	FINNINGLEY	19	10	10				0	0	0	115	400	205	0	6.4	280	20	1	15	290	31	1	1606		
	SHEFFIELD																								
	UNIVERSITY	146	29	15				0	0	0	97	353	270	0	5.7	260	16	1	13	220	34	15	1212		
NOTTINGHAMSHIRE	WATNALL	130	13	10				0	0	0	127	458	135	0	7.1	080	18	30	15	290	31	1	1248		
STAFFORDSHIRE	KEELE	215	15	10				0	0	0	7	267	446	0	3.0	340	15	1	14	330	39	1	1430		
SALOP	SHAWBURY	84	12	10				0	0	0	130	392	198	0	6.7	250	20	9	14	250	27	18	1724		
WEST MIDLANDS	BIRMINGHAM																								
	EDGBASTON	196	36	22				0	0	0	34	320	366	0	4.4	330	17	1	19	310	36	1	1436		
	ELMDON AIRPORT	104	10	10				0	0	0	127	406	187	0	6.8	310	20	1	18	320	35	1	1348		
HEREFORD & WORCS	PERSHORE	47	10	10				0	0	0	124	413	183	0	6.7	230	18	12	11	290	30	1	1536		
GLOUCESTERSHIRE	FAIRFORD	88	10	10				0	0	0	162	409	149	0	7.5	250	20	19	15	220	31	9	1412		
OXFORDSHIRE	BENSON	67	10	10				0	0	0	93	421	206	0	6.2	240	16	9	16	240	30	19	1606		
	BRIZE NORTON	91	13	10				0	0	0	95	469	156	0	6.4	290	18	1	14	250	29	19	1536		
5 ENGLAND SOUTHEAST & CENTRAL SOUTHERN																									
GREATER LONDON	HAMPTON	42	31	30				0	0	0	26	225	456	13	3.1	270	14	1	13	270	27	1	1254		
	HEATHROW AIRPORT	34	10	10				0	0	0	91	518	111	0	6.8	310	18	1	18	330	31	1	1854		
	KEW	28	23	15				0	0	0	73	375	272	0	5.3	220	16	19	17	310	33	1	2036		
	LONDON WEATHER CENTRE	93	70	38				0	0	0	242	420	58	0	9.1	310	20	1	18	310	39	1	1842		
	POST OFFICE TOWER							0	4	23	306	344	36	11	10.7	230	26	19	16	240	38	19	1624		
WILTSHIRE	BOSCOMBE DOWN	130	17	17				0	0	0	139	474	107	0	7.4	240	19	19	14	230	28	19	1342		
	LARKHILL	145	13	10				0	0	0	128	456	136	0	7.3	220	19	19	15	220	35	19	1518		
KENT	PORTON	120	10	10				0	0	0	122	429	169	0	6.8	230	18	19	14	060	29	30	1442		
	DUNGENESS	16	10	10				0	1	2	287	389	42	0	9.6	240	23	19	15	260	37	19	2306		
HAMPSHIRE	ISLE OF GRAIN	15	12	10				0	1	2	183	417	118	0	7.7	240	22	19	17	240	34	19	1842		
	MANSTON	62	18	18				0	0	0	229	448	43	0	9.1	210	21	19	14	220	30	19	1736		
	CALSHOT	15	13	10				0	1	1	207	377	135	0	8.2	230	22	9	14	240	36	19	1442		
WEST SUSSEX	FARNBOROUGH	75	10	10				0	0	0	71	410	239	0	5.7	310	16	1	15	230	29	19	1536		
	MIDDLE WALLOP	94	10	10				0	0	0	94	418	208	0	6.0	290	16	1	13	300	29	1	0806		
	GATWICK AIRPORT	69	10	10				0	0	0	132	377	211	0	6.6	230	20	9	16	230	29	19	1518		
	THORNEY ISLAND	16	10	10				0	1	5	142	410	163	0	7.3	230	24	19	15	230	37	19	1536		
7A ENGLAND NORTHWEST AND ISLE OF MAN																									
CUMBRIA	CARLISLE	41	13	9				0	0	0	166	352	202	0	6.8	260	17	12	09	240	37	12	0900		
	GREAT DUN FELL	857	10	10	5	6	9-14	18	20	51	22	234	293	129	13	0	18.9	220	43	12	03	210	55	9	2006
	MOOR HOUSE	595	13	12				0	13	72	346	241	61	0	12.2	220	29	5	04	220	43	5	0348		
	SELLAFIELD	25	12	11				0	0	0	102	420	198	0	6.0	290	18	1	10	290	26	1	1030		
LANCASHIRE	FLEETWOOD	34	15	9				0	1	11	152	338	219	0	7.0	300	28	1	14	250	37	9	2330		
	SQUIRES GATE AIRPORT	22	12	11				0	0	0	230	416	74	0	8.7	250	21	9	23	260	35	9	2318		
MERSEYSIDE	RIGBURTH	38	23	11				0	1	1	149	455	81	34	7.5	280	22	1	13	290	35	1	1342		
	SPEKE AIRPORT	30	10	10				0	0	0	129	405	186	0	6.7	300	21	1	13	300	33	1	1342		
GREATER MANCHESTER	MANCHESTER																								
	RINGWAY AIRPORT	80	10	10				0	0	0	110	420	190	0	6.6	300	18	1	14	300	30	1	1348		
	WEATHER CENTRE	82	45	17				0	0	0	86	468	166	0	6.4	280	17	20	12	310	36	1	1342		
ISLE OF MAN	POINT OF AYRE	20	10	10				0	2	11	277	358	73	1	9.6	310	24	1	16	200	36	11	1748		
	RONALDSWAY	25	10	10				0	1	3	223	392	102	0	8.5	200	22	11	17	340	31	1	1618		
7B WALES NORTH																									
GWYNEDD	VALLEY	26	16	12				0	5	30	379	255	56	0	11.7	170	28	11	12	170	38	11	1218		
8A WALES SOUTH																									
DYFED	ABERPORTH	144	10	10				0	1	5	231	395	89	0	8.6	180	25	11	10	180	34	11	0942		
	BRAWDY	121	10	10				0	0	0	201	485	34	0	8.8	200	20	11	14	190	28	9	1442		
WEST GLAMORGAN	MILFORD HAVEN	47	10	10				0	0	0	127	478	115	0	7.3	240	19	19	15	220	32	9	1500		
	PORT TALBOT	28	12	11				0	1	5	103	318	294	0	5.5	250	24	19	16	250	32	19	1636		
MID GLAMORGAN	CILFYNYDD	210	16	16				0	0	0	164	369	187	0	7.1	230	20	19	16	230	37	19	1548		
SOUTH GLAMORGAN	RHOOSE AIRPORT	74	10	10				0	0	0	171	449	100	0	8.0	250	21	19	14	250	33	19	1242		
8B ENGLAND SOUTHWEST																									
AVON	AVONMOUTH	28	19	10				0	1	8	234	358	83	37	8.8	250	26	19	16	250	41	19	1736		
	HURN AIRPORT	23	13	11				0	0	0	99	407	214	0	6.4	240	20	19	13	240	33	19	1348		
	PORTLAND BILL CG	60	13	13				0	2	18	162	362	111	67	8.2	260	27	19	16	260	38	19	1524		
	MOUNT BATTEN	64	13	13				0	0	0	119	427	174	0	6.8	260	20	19	12	260	31	19	1254		
DEVON	LIZARD	96	23	18				0	3	32	375	290	16	7	12.0	250	26	19	07	260	37	19	0736		
	ST MARGAN	120	13	13				0	1	2	198	478	42	0	8.4	230	22	19	11	230	35	19	1148		
CORNWALL	SCILLY (ST. MARY'S)	70	20	17				0	1	7	153	356	201	3	6.9	250	24	19	11	250	34	19	1224		
CHANNEL ISLANDS																									
	GUERNSEY AIRPORT	111	11	10				0	1	4	196	477	43	0	8.8	240	23	19	16	240	32	19	1554		
	JERSEY AIRPORT	98	18	12				0	0	0	186	435	99	0	8.1	260	19	19	18	260	32	19	1848		
NORTHERN IRELAND																									
LONDONDERRY	COLERAINE UNIVERSITY	33	10	10				DEFECTIVE RECORD																	
	ALDERGROVE	80	10	10																					
	BALLYPATRICK FOREST	166	13	13																					
	BELFAST HARBOUR	21	18	18				DEFECTIVE RECORD																	
DOWN	KILKEEL	36	19	14																					
	CARRIGANS	129	10	10																					
FERMANAGH	CASTLE ARCHOALE FOREST	80	13	13																					

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

(x) Urban rooftop site.

MONTHLY WEATHER REPORT

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

JULY

VOLUME 93

1976

NUMBER 7

Exceptionally hot at first: sunny and mainly dry.

The pressure gradient was generally slack over the British Isles until the 8th, with high pressure to the east and then to the north-east. From the 9th to the 19th frontal troughs with intervening ridges crossed most districts, causing extremely variable amounts of rainfall of a thundery character. A large anticyclone in mid Atlantic moved towards the British Isles on the 20th and became almost stationary off the west of Ireland, maintaining a mainly north-westerly air-stream over all districts. Pressure fell on the 29th and a cold front moved south on the 30th, followed by a cool northerly airflow.

Weather

The first week was exceptionally hot and very sunny over much of the United Kingdom, but most coastal districts were cooler and fog persisted in the far north. Temperatures returned to around normal in most areas by about mid July and the last day was cool. The month was generally sunny and dry, with water shortages becoming increasingly acute and fires occurring in the countryside. Some places had outbreaks of heavy rain, however, and thunderstorms, which were most frequent during the first half of the month, occurred from time to time. Hail was occasionally reported. Only a few snowfields remained above 900 m on the highest Scottish mountains.

Wind

Winds were often light during the first week and mostly light or moderate for the remainder of the month. Fresh or strong winds occasionally blew on exposed northern and western coasts in the second and third weeks and also towards the end of the month. On the 29th the high-level stations at Cairngorm (Highland Region) and Lowther Hill (Strathclyde) recorded gusts of 55 and 60 kt respectively, but gales were very infrequent. Directions were often variable during periods of light winds, but were mostly between south and east until around mid month, after which south-westerlies occurred from time to time. From the 19th onwards directions were mainly between west and north. Onshore breezes occurred at times during the month.

Temperature

Monthly mean temperatures were above average everywhere, exceeding the normal by less than 1 degC in Shetland, but by more than 3 degC in the London area. Mean values were generally between 2 and 3 degC above average in parts of north, north-east and southern Scotland, in north-west, central and southern England and East Anglia (away from east-facing coasts) and also in North and South Wales. Elsewhere they ranged from 1 to 2 degC above normal. The unusually hot spell which began towards the end of June continued into July and lasted until the beginning of the second week in many districts. Temperatures exceeding 30 °C were widely reported in central and southern England and also occurred in Wales, East Anglia, north-west England and parts of Scotland. Most places recorded their maximum early in the month and many long-standing records were broken. At Wauchope (Borders Region)

the temperature of 32.4 °C on the 2nd was the highest recorded in any month in Scotland since 1908. On the 3rd, when temperatures exceeded 32 °C over much of England, except in northernmost counties and coastal districts, Cheltenham (Gloucestershire), with 35.9 °C, had its highest temperature since at least 1879. Although the rest of the month was generally cooler by comparison, there were still some warm days, especially in central and southern England and East Anglia. Most northern districts recorded their minimum for the month on the night of the 30th/31st, when the temperature fell to 0.8 °C at both Carnwath (Strathclyde) and Eskdalemuir (Dumfries and Galloway). The 31st was a cool day almost everywhere.

Rainfall

Except in the extreme west of Northern Ireland and in places where above-average rainfall was associated with thunderstorms, monthly totals were below normal. In England and Wales, where it was the driest July since 1955, most districts had less than half their normal rainfall for the month. The largest area in which totals exceeded 50 per cent of average was in south-east England, the east Midlands and East Anglia. In much of Scotland and Northern Ireland monthly totals ranged from 50 to 100 per cent of average, but they were below 50 per cent in some eastern and southern districts. Widely scattered places in England, Wales and Scotland had less than a quarter of their normal rainfall for July. Although the month was generally dry, thunderstorms occurred in many districts during the first half of the month and in southern, central and eastern England later. Storms and outbreaks of heavy rain caused local flooding on several days, and on the 12th a man was killed when the cab of his lorry was struck by lightning at Clapham, near Bedford. On the same day Sudborough in Northamptonshire recorded 64.8 mm in the

24 hours from 09 GMT and at Ashover (Derbyshire) 15 mm fell in 12 minutes, a fall classified as 'noteworthy'.

Sunshine

Western and northern counties of Northern Ireland and some of the Hebridean Islands had less sunshine than is usual for July, but monthly totals were generally well above normal elsewhere. Values exceeded 150 per cent of average in parts of Scotland, in most of northern and eastern England and in northern counties of East Anglia and the Midlands. Most districts had prolonged sunshine, almost unbroken at times, during the first week and long sunny periods occurred throughout the month. In north-east England and the north Midlands some places had their sunniest July on record. In Norfolk, Cromer measured 318.1 hours, the most sunshine recorded there in July since records began in 1902.

Fog

Fog was frequently reported around northern Scottish coasts until mid month and was often persistent in Shetland. The north coast of Scotland was again affected by fog during the fourth week. Fog formed on the Welsh coast and along coasts of England, mainly in the north-east and south-west, at times during the month and also affected the Channel Islands. Sea fog was sometimes observed off south-west England and east coasts of England and Scotland. Hill fog was reported at times and fog on coasts and on hills was sometimes associated with precipitation. Patches of overnight fog occasionally formed inland.

Miscellaneous Phenomena

Three whirlwinds were reported in the Southampton area on the afternoon of the 23rd. The aurora was not seen in Scotland during this month.

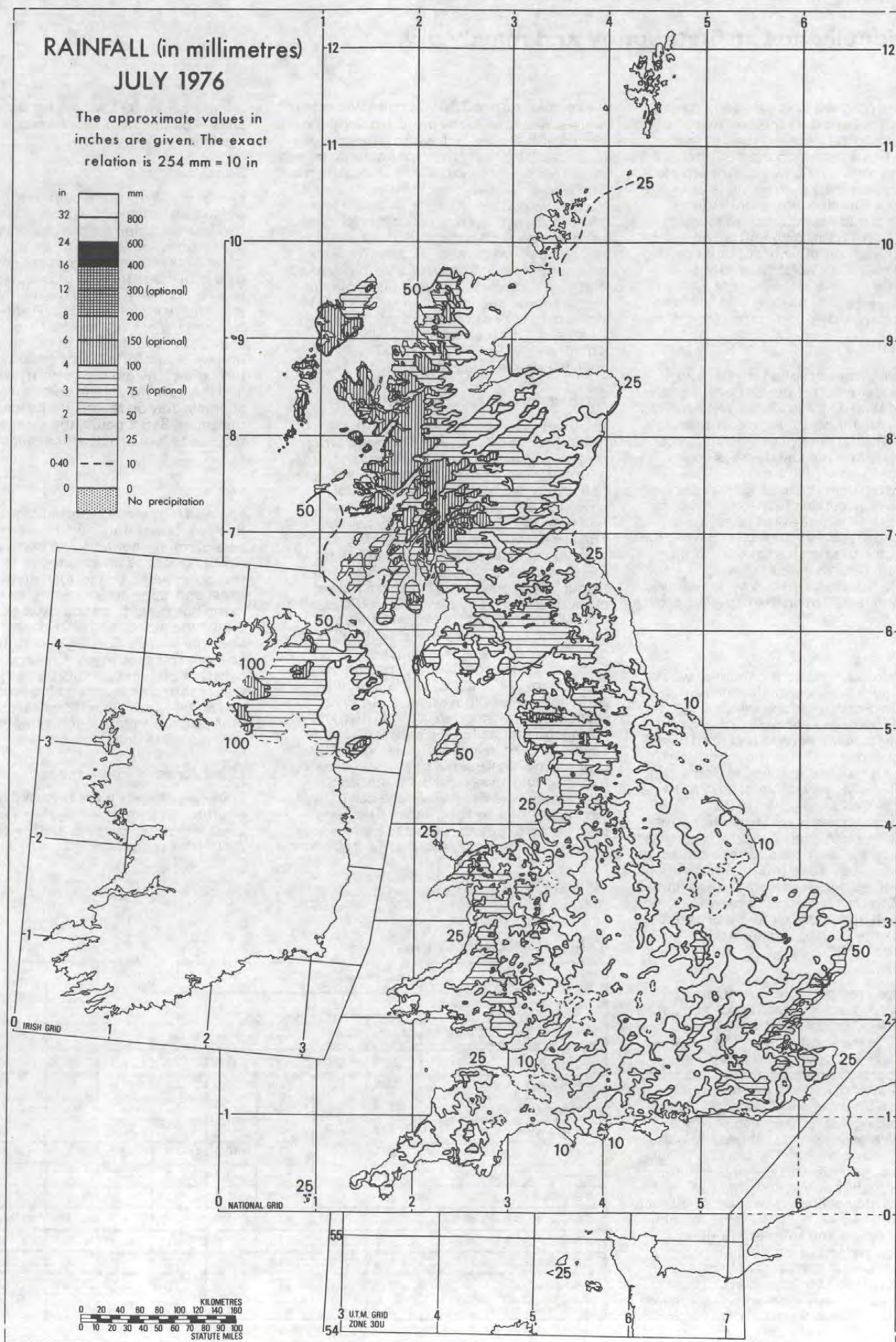
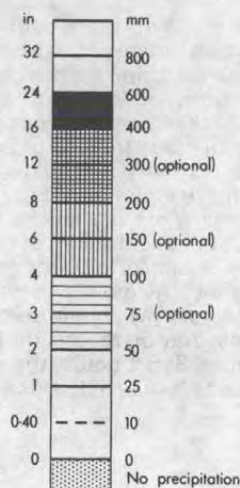
Table 1 District values

District	air temperature °C					mean 30-cm earth temp °C	rain- days	rainfall	sun- shine
	Highest	Lowest	max.	min.	mean				
	Max.*	Min.*	difference from average						
0 Scotland N	29.6	5.0	+2.2	+1.4	+1.8	+0.9	-4	59	122
1 Scotland E	30.6	1.2	+2.8	+1.5	+2.0	+1.9	-5	53	143
2 England E & NE	31.8	5.4	+2.7	+0.7	+1.7	+2.5	-6	37	157
3 East Anglia	33.8	6.0	+3.1	+1.1	+2.1	+2.9	-5	63	146
4 Midland Counties	35.9	6.0	+4.1	+0.9	+2.5	+2.7	-6	40	147
5 England SE & Central S	34.8	7.0	+4.0	+1.5	+2.7	+3.1	-6	50	140
6 Scotland W	29.8	1.2	+2.9	+1.4	+2.1	+1.9	-5	56	134
7 England NW & Wales N	33.7	5.4	+3.1	+1.5	+2.3	+1.7	-4	45	130
8 England SW & Wales S	33.5	6.4	+2.7	+1.1	+1.9	+2.4	-5	33	124
N Ireland	28.2	6.1	+1.6	+1.5	+1.5	+1.8	-2	59	95
Scotland	30.6	1.2	+2.6	+1.4	+2.0	+1.6	-5	56	133
England & Wales	35.9	5.4	+3.3	+1.1	+2.2	+2.5	-5	45	141

Highest maximum and lowest minimum of District Value Stations.

RAINFALL (in millimetres) JULY 1976

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



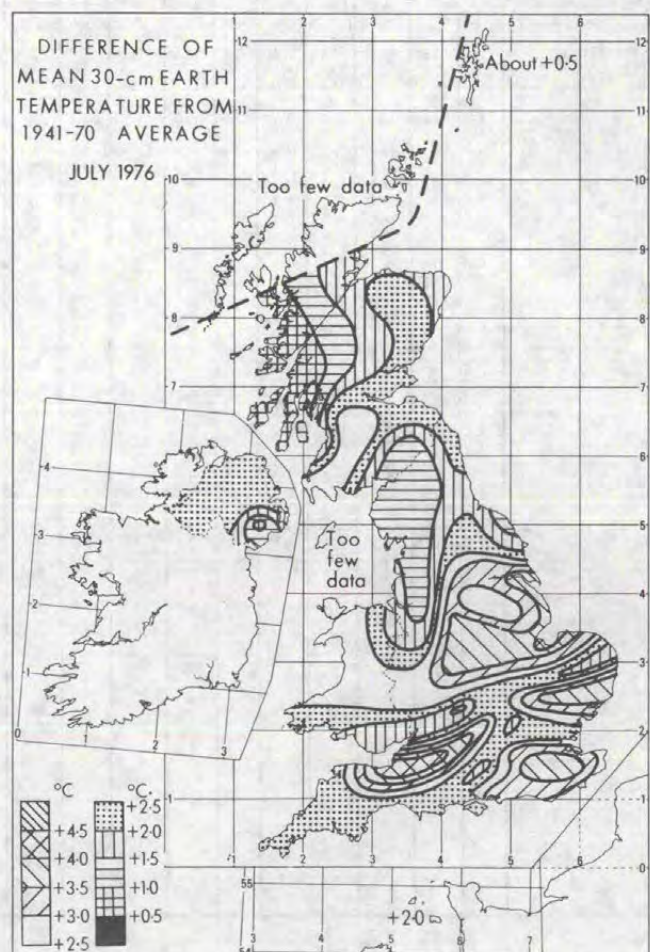
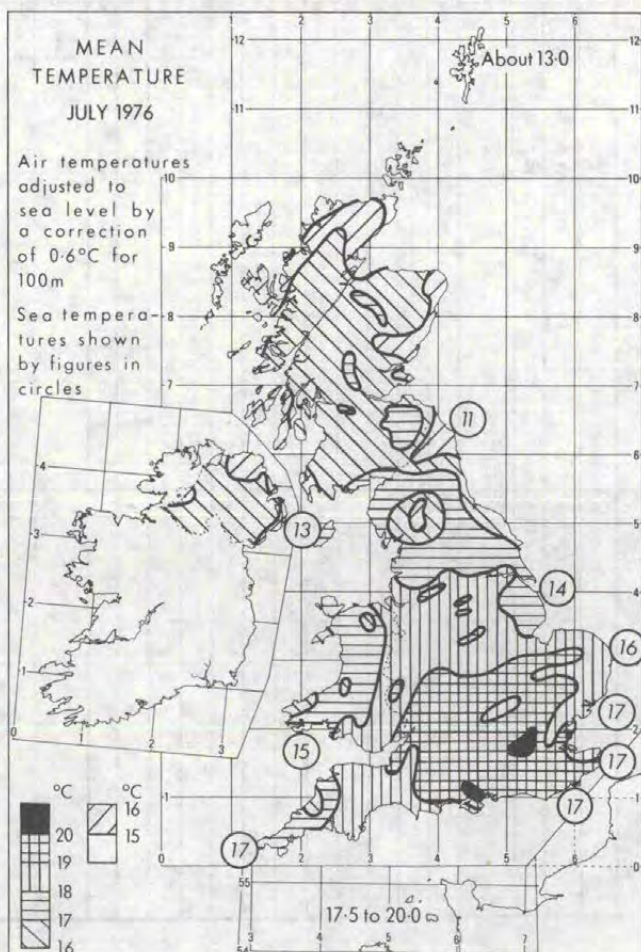
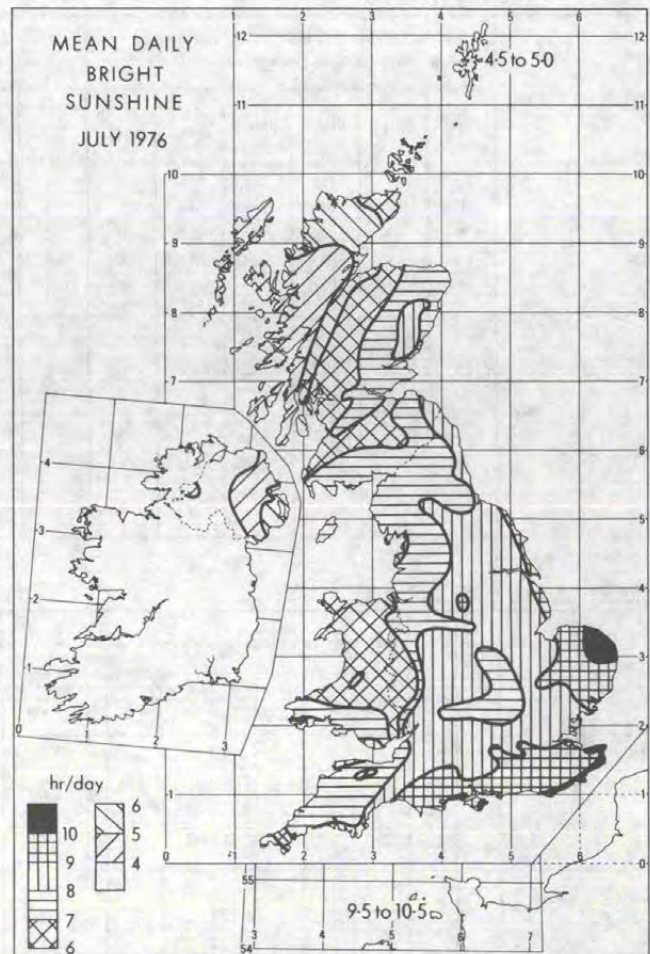
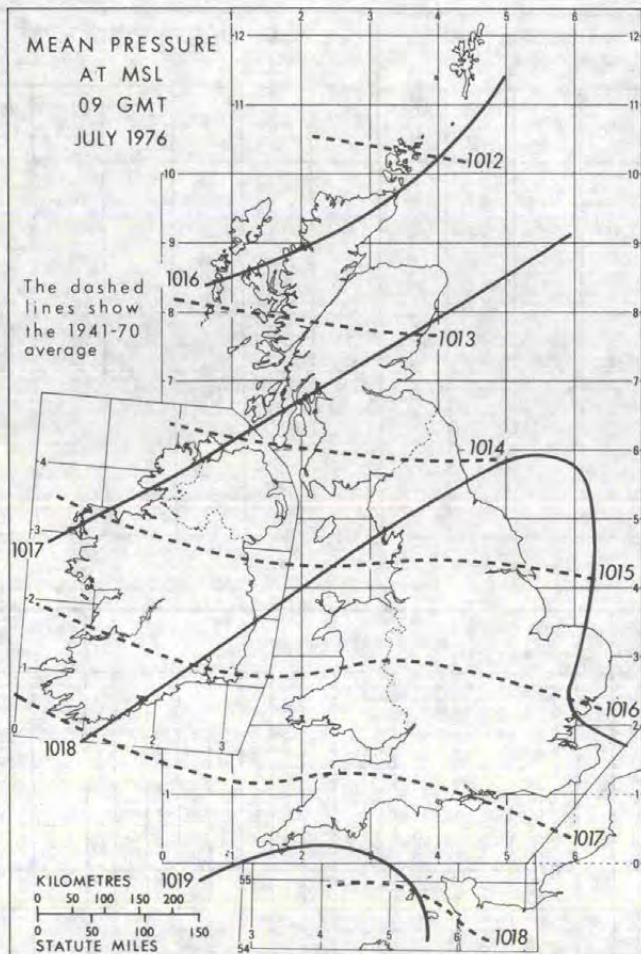


TABLE 2 SOLAR RADIATION AND ILLUMINATION

JULY 1976

STATION	TOTAL RADIATION ON A HORIZONTAL SURFACE (MILLIWATT-HOURS PER SQUARE CENTIMETRE)						DIFFUSE RADIATION ON A HORIZONTAL SURFACE (MILLIWATT-HOURS PER SQUARE CENTIMETRE)						TOTAL ILLUMINATION ON A HORIZONTAL SURFACE (KILOLUX-HOURS)					
	MAX.	DATE	MIN.	DATE	DAILY MEAN	NO. OF DAYS	MAX.	DATE	MIN.	DATE	DAILY MEAN	NO. OF DAYS	MAX.	DATE	MIN.	DATE	DAILY MEAN	NO. OF DAYS
LERWICK	789	8	144	1	454.2	31	377	21	140	19	268.1	31	914	8	185	1	536.9	31
ESKDALEUIR	784	7	165	13	499.5	30	369	25	113	8	258.8	30	926	7	213	13	599.7	30
CARDINGTON	816	1	283	16	539.8	31	379	14	153	8	280.2	31						
ABERPORTH	815	16	196	19	504.4	31	449	5	113	16	289.3	31						
LONDON WEATHER CENTRE KEW	778	1	155	31	527.1	30	348	12	125	31	258.7	30	991	1	202	31	670.9	30
BRACKNELL	778	1	312	19	567.7	31	376	26	201	1	292.2	31	988	1	399	31	718.1	31
ALDERGROVE	766	1	99	29	422.0	31	437	5	95	29	283.5	31	960	1	130	29	534.9	31
JERSEY	809	21	283	7	614.1	31	335	14	146	21	247.9	31	990	21	373	7	781.5	31

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

JULY 1976

DISTRICT REGION/COUNTY AND PLACE	MAX. TERMINAL HEIGHT OF OBSERVATION	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 H+9)	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	WETTED CONCRETE MIN. TEMP. 20.0 C	WETTED CONCRETE MIN. TEMP. 20.0 C	ORLE	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	15.1	10.3	12.7	+0.7	19.3	7	4.7	31	12.0		44	68	101	18	17	13	0	0	0	1	0	0			1	4.52	104		
LERWICK	21 9	82											41		9	15	14	9	0	0	0	1	0	0			2	5.13	121		
PSYCHROMETER			14.6	10.1	12.3		17.9	14	6.6	31																					
SCREEN			14.8	10.3	12.5	+0.8	18.0	14	6.6	31																					
ORKNEY																															
KIRKALL AIRPORT	21-9	26	16.8	10.8	13.8	+1.5	20.6	11	5.8	21			33	50	9	18	13	7	0	0	0	0	2	0	0	0	1	5.00	112		
WESTERN ISLES																															
BENBECULA	21-9	6	17.6	12.4	15.0	+1.8	25.1	5	8.3	31			94		23	9	21	14	0	0	0	5	0	0	0	0	0	4.42	89		
SCALPAY	9 9	18																													
STORNOWAY	21-9	3	17.3	11.6	14.5	+1.6	23.7	1.5	6.8	31			88		27	13	20	16	0	0	0	3	0	0	0	0	0	4.67	110		
HIGHLAND																															
ACHNASHELLACH	9 9	67	20.4	11.8	16.1	+2.8	29.6	7	6.0	31			92	62	16	9	19	14	0	0	0	1	0	0			0				
BALMACARRA	9 9	4	19.2	12.5	15.9		27.7	5	7.1	31			102	85	30	18	18	13	0	0	0	0	0	0			0				
CAPE WRATH	21-9	112	16.3	10.7	13.5	+1.7	26.0	1	7.0	31			41	45	10	22	16	9	0	0	0	0	5	0	0	0	0	5.47			
CORPACH	9 9	8	20.7	11.9	16.3		30.1	3.4	7.3	28			79		27	18	15	12	0	0	0	2	0	0	0	0	0				
CRAIGROACH	9 9	38	21.2	11.1	16.1		30.5	1	6.8	31			35		17	9	10	5	0	0	0	2	0	0	0	0	0	4.24			
DALWHINNIE	9 9	351	19.4	9.6	14.5		28.1	8	4.9	22			41		10	9	11	8	0	0	0	1	4	0	0	0	0	6.76			
DOUNREAY	9 9	21	19.0	11.3	15.1		28.5	1	6.1	21			32	47	7	22	13	8	0	0	0	0	5	0	0	0	0	6.15			
FORTROSE	9 9	5	18.4	12.9	15.7	+1.6	23.0	9	7.5	31			43	70	12	12	10	9	0	0	0	0	3	0	0	0	0	5.01	112		
GLENMORE LODGE	9 9	341	20.2	9.4	14.8		28.8	8	4.3	31			57	64	9	2	14	12	0	0	0	1	0	0	1	0	0	6.62			
GRANTOWN-ON-SPEY	9 9	229	21.3	9.0	15.1		30.0	3	4.1	25.29			47		2	16	11	0	0	0	1	1	0	0	3	0	0	6.79			
HEASTE	9 9	109	18.7	11.8	15.3		27.9	3	5.8	31			126		26	18	19	15	0	0	0	0	0	0	0	0	0				
ISLE OF RHUM	9 9	5	19.1	12.1	15.6		27.3	5	8.1	31	16.7	14.3	166	79	60	18	20	15	0	0	0	2	0	0	0	0	0				
KEISS	9 9	30	17.0	10.4	13.7		21.3	1	4.9	21	14.9	13.3	34		7	18	12	9	0	0	0	0	2	0	0	0	0	6.08			
KILLOCHENE	9 9	23	20.7	12.0	16.3		30.6	1	6.8	31	15.3		63	45	18	9	17	14									0	4.64			
KNOCKANROCK	9 9	244											99	74	15	29	21	19													
LAGGANLIA	9 9	250	21.0	9.1	15.1		29.2	3	2.6	31			28		9	9	13	8	0	0	0	4	0	0	1	0	0				
LAIRG	9 9	91	20.1	10.1	15.1		29.5	1	6.2	31	14.7	12.1	35		7	18	14	10	0	0	0	1	0	0	0	0	0				
LENTAN	9 9	146	20.0	10.4	15.2		28.1	1	5.4	31			39		10	12	13	8	0	0	0	1	0	0	0	0	0				
LOCH OICH	9 9	37	21.2	11.4	16.3		29.5	5	6.9	31			60		19	9	15	10	0	0	0	3	0	0	0	0	0				
NAIRN	9 9	6	19.9	11.5	15.7	+1.6	29.0	1	8.4	31			37	60	8	15	15	6	0	0	0	2	1	0	0	0	0	4.91			
ONICH	9 9	15	20.3	11.3	15.8	+2.3	29.0	7	5.0	31			95	63	31	18	13	13									0	5.66	123		
POOLEWE	9 9	6	19.1	12.6	15.9		27.9	1	7.8	31			77		17	9	22	14	0	0	0	3	1	0	0	0	0	4.83	134		
PRABOST	9 9	67	18.4	11.7	15.1		27.0	5	6.4	31			106	84	25	9	23	19	0	0	0	0	0	0	0	0	0	4.24			
RUBH RE	21-9	16	17.3	12.3	14.8		25.0	9	8.5	31			90		19	18	24	16	0	0	0	1	0	0	0	0	0				
STRATHCONON	9 9	107	20.5	11.0	15.7		29.0	1	5.0	31			40		13	9	16	8	0	0	0	2	0	0	1	0	0				
STRATHY	9 9	37	19.4	10.5	14.9	+2.1	28.5	1	5.7	21			39	51	8	22	15	9	0	0	0	1	0	0	0	0	0	6.20	157		
TARBATHNESS	21-9	18	18.5	12.1	15.3	+1.6	23.0	1	9.0	31			27		7	18	9	7	0	0	0	0	5	0	0	0	0				
TOMATIN	9 9	311	20.6	10.2	15.4		28.5	7	6.6	21.22			34		5	9	18	10	0	0	0	1	0	0	0	0	0				
WICK	21-9	36	17.8	10.9	14.3	+1.8	23.4	1	5.9	31			34	54	6	22	13	9	0	0	0	0	1	0	0	0	1	6.27	140		

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

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JULY 1976

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.	DATE	MIN.	DATE							0.2 MM OR MORE	1.0 MM OR MORE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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TABLE 3 SUMMARY OF DAILY OBSERVATIONS

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JULY 1976

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		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	DEW MIN/5 C	CONCRETE MIN/5 C	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE
									MAX.	DATE	MIN.	DATE			AMOUNT (MM)	DATE		AMOUNT (MM)	DATE																
					MAX. (A)	MIN. (B)																													
2 ENGLAND E & NE -CONTINUED																																			
DURHAM	9 9	102	22.1	10.7	16.4	+1.5	28.2	2	6.0	31	17.4	14.9	30	53	14	12	6	5		0												7.64	153	5	
DURHAM	9 9	377																																	
HOUGHALL	9 9	513	18.6	(8.4)	(13.5)		26.4	2	3.9	22	13.0		67		28	12	10	9		0											7.96				
WIDYBANK FELL	9 9																																		
CLEVELAND	9 9	31	23.0	9.8	16.4		29.4	2	5.6	20			26	47	13	12	7	4	0	0	0	0	3	0	0	0					8.02				
HARTBURN GRANGE	9 9	9	20.9	12.7	16.8	+1.3	25.2	9	7.7	31			14	23	7	12	5	2	0	0	0	0	0	0	0	0					8.49				
HARTLEPOOL	9 9																																		
NORTH YORKSHIRE	9 9	34	23.2	10.8	17.0		28.8	3	7.2	21			35	66	13	24	8	6	0	0	0	0	2	0	0	0					(8.35)	(160)			
ASKHAM BRYAN	9 9	6	23.9	10.5	17.2		29.5	3	6.5	8	18.8	17.5	31	58	11	24	7	6	0	0	0	0	1	0	0	0					8.41				
CAMOOD	9 9	62	24.4	12.0	18.2	+2.3	31.0	3	8.8	29	20.8	18.8	16	29	5	12	8	6	0	0	0	0	0	0	0	0					(8.50)				
HIGH MOWTHORPE	9 9	175	22.5	10.7	16.6		27.1	3	6.2	22	17.5		16	24	3	12	8	6	0	0	0	0	0	0	0	0									
LEEMING	21-9	32	23.5	11.3	17.4		30.0	3	6.5	31	18.5	15.9	25	53	11	12	7	4	0	0	0	0	1	0	0	0					8.23				
MALHAM TARN	9 9	395	19.4	10.7	15.1	+2.2	25.9	3	4.8	31	15.4		60	50	17	15	12	9	0	0	0	0	0	0	0	0									
PICKERING	9 9	44	23.5	9.7	16.6		28.3	8	3.7	22			14	23	5	12	9	4	0	0	0	0	2	0	0	0									
SCARBOROUGH	9 9	53	20.3	12.2	16.3		24.6	15	8.9	22	18.0	15.6	17	30	5	20	8	5	0	0	0	0	0	0	0	0					8.24	163			
SILPHO MOOR	9 9	203	20.9	10.5	15.7		25.4	4	5.7	22	15.5		15	19	5	9	9	4	0	0	0	0	0	0	0	0					8.69				
SNATZEHOLME	9 9	290	20.0	8.8	14.4		27.8	3	4.0	31	15.9		86		22	12	11	10	0	0	0	0	2	2	0	0					7.57				
WHITBY	9 9	40	21.2	11.3	16.3		26.2	4	5.5	22			11		6	15	5	4	0	0	0	0	0	0	0	0					9.40				
WHITBY (COASTGUARD)	21-9	60	19.7	11.4	15.5		24.5	15-18	6.0	22			10		6	15	5	3	0	0	0	0	0	1	0	0									
YORK (HESLINGTON)	9 9	20	24.0	11.8	17.9		30.5	3	7.4	29	19.0	17.2	17	33	7	12	7	5	0	0	0	0	0	0	0	0					8.34				
HUMBERSIDE	9 9	48	20.3	11.4	15.9		25.0	27	6.9	22-29			16	25	7	16	6	4	0	0	0	0	2	1	0	0					9.00				
BRIDLINGTON	9 9	3	24.4	10.6	17.5		28.7	3	6.4	22			15	22	4	30	7	4	0	0	0	0	2	0	0	0									
BRIGG	9 9	3	21.5	13.4	17.5	+1.5	27.0	15	9.5	22-29			10	20	5	9	4	3	0	0	0	0	0	0	0	0					9.11	154			
CLEETHORPES	9 9	2	23.5	12.8	18.1	+1.8	27.0	2	9.2	22	20.4	18.3	17	29	7	16	8	4	0	0	0	0	0	0	0	0					8.71	158			
HULL	9 9	2																																	
KILNSEA	21-9	12																																	
LINCOLNSHIRE	9 9	55	24.1	10.4	17.3		28.7	3	4.6	22			17		5	38	7	4	0	0	0	0	2	0	0	0					8.56	148			
BINBROOK	21-9	108																																	
CAISTOR	9 9	55	24.1	10.4	17.3		28.7	3	4.6	22			17		5	38	7	4	0	0	0	0	2	0	0	0					8.56	148			
CRANWELL	9 9	62	24.4	12.0	18.2	+2.3	31.0	3	8.8	29	20.8	18.8	16	29	5	12	8	5	0	0	0	0	2	0	0	0					8.60				
KIRTON	9 9	4	23.7	11.1	17.4		28.5	3	5.7	29	17.8	15.5	14		6	21	6	5	0	0	0	0	2	0	0	0					8.45				
LINCOLN	9 9	7	24.3	10.9	17.6	+1.7	30.5	3	5.4	2	18.9	17.3	27		10	24	8	6	0	0	0	0	1	1	0	0					8.55				
SKEDNESS	9 9	5	21.4	13.9	17.7	+1.8	29.0	15	8.5	22-29			14	24	5	29	5	4	0	0	0	0	0	0	0	0					9.70	161			
WADINGTON	21-9	68	24.2	12.3	18.3	+2.4	31.0	3	9.1	31			17	32	6	24	6	5	0	0	0	0	2	0	0	0					8.76	148			
3 EAST ANGLIA																																			
NORFOLK	21-9	17	23.7	12.8	18.3		30.2	3	8.5	29			35	59	21	15	8	7	0	0	0	0	3	0	0	0									
COLTISHALL	21-9	17	23.7	12.8	18.3		30.2	3	8.5	29			35	59	21	15	8	7	0	0	0	0	3	0	0	0									
COSTESSEY	9 9	20																																	
CROMER	9 9	54	21.9	14.1	18.0	+2.1	28.2	15	10.7	31			40	63	16	15	9	7	0	0	0	0	2	0	0	0					10.26	169			
EAST DEREHAM	9 9	53	26.0	11.6	18.8		32.4	3	7.6	27			46		17	15	7	5	0	0	0	0	0	0	0	0									
GORLESTON	21-9	4	21.5	14.9	18.2	+2.1	25.7	13	10.4	29	19.0	16.8	18	33	16	15	5	2	0	0	0	0	1	0	0	0					9.96	153			
MARHAM	21-9	23	24.9	12.9	18.9		32.8	3	8.5	29			37		23	15	6	5	0	0	0	0	0	0	0	0									
MORLEY ST BOTOLPH	9 9	48	24.9	11.0	17.9		31.0	3	6.9	22	20.2		32		19	15	8	5	0	0	0	0	2	0	0	0					10.01				
SANTON DOWNHAM	9 9	24	(25.5)	9.5	(17.5)		33.3	3	1.6	29	17.5	15.1	31	46	23	15	7	4	0	0	0	0	0	0	0	2					9.36				
SCOLE	9 9	27	25.3	12.2	18.7		32.1	3	7.2	29	22.1	20.5	44		21	15	8	6	0	0	0	0	2	0	0	0					9.81				
TERRINGTON ST CLEMENT	9 9	3	24.9	11.4	18.1	+2.0	31.8	3	6.5	29	20.6		32	61	19	15	6	4	0	0	0	0	1	0	0	0					8.79	152			
CAMBRIDGESHIRE	9 9	44	25.5	12.0	18.7		33.1	3	8.0	29			22	42	21	15	3	2	0	0	0	0	3	0	0	0					9.03				
BOXWORTH	9 9																																		
CAMBRIDGE	9 9	12	25.9	12.7	19.3	+2.6	33.8	4	6.2	29	21.4	18.8	43	73	32	15	7	3	0	0	0	0	3	0	0	0									
BOTANIC GARDEN	9 9	26	(25																																

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

JULY 1976

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 IN 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	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE	
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE							0-2 MM OR MORE	1-0 MM OR MORE														
4 MIDLAND COUNTIES																																
WEST YORKSHIRE																																
BRADFORD ...	9 9	134	22.4	12.1	17.3	+2.1	29.0	3	8.1	22	17.3	15.5	26	40	11	12	7	5	0	0	0	1	0	0	0	0	0	0	7.93	152	S	
BRAMHAM ...	9 9	54	24.1	10.3	17.2		29.1	3	6.2	8			21	37	13	12	6	3	0	0	0	0	0	0	0	0	0	0				
HUDDESFIELD																																
ORKES ...	21-9	232	23.3	11.7	17.5	+2.4	30.3	3	7.8	31	17.1	13.9	35	45	8	15	14	8	0	0	0	0	5	0	0	0	0	0	1	8.36	167	
RAVENSKNOLLE	9 9	99	23.4	12.6	18.0	+2.3	30.1	3	8.5	29	19.0	17.1	31	48	7	15	10	5	0	0	0	0	4	0	0	0	0	0	0	8.29	170	
ILKLEY ...	9 9	83	22.8	11.6	17.2	+1.8	29.5	3	7.0	8			36	50	13	12	9	4	0	0	0	0	1	0	0	0	0	0	0	8.05	164	
TOOMORDEN	9 9	160	21.7	11.3	16.5		29.6	3	6.8	17			53		17	12	15	10	0	0	0	0	1	0	0	0	0	0	0			
PONTEFRAC	9 9	78																														
WILSON ...	9 9	262	21.8	11.3	16.5		28.7	2	7.0	31			33		15	12	11	6	0	0	0	0	1	0	0	0	0	0	0			
SOUTH YORKSHIRE																																
FINNINGLEY	21-9	10	25.2	11.8	18.5		32.2	3	7.3	29			19	35	7	12	8	5	0	0	0	0	2	0	0	0	0	0	0	8.36		
SHEFFIELD	9 9	131	24.0	13.2	18.6	+2.6	31.5	3	8.7	31	18.4	16.3	17	28	12	12	5	3	0	0	0	0	1	0	0	0	0	0	0	9.20	179	
DERBYSHIRE																																
ASHOVER ...	9 9	178	23.6	11.8	17.7		31.8	3	8.0	29			31		23	12	7	2	0	0	0	0	1	0	0	0	0	0	0	9.02		
BUXTON ...	9 9	307	21.1	11.7	16.4	+2.5	29.0	3	7.8	31	18.6	18.4	34	33	7	29	11	8	0	0	0	0	0	0	0	0	0	0	0			
DERBY ...	9 9	48	24.7	13.3	19.0		32.7	3	8.7	29			19	34	12	12	8	5	0	0	0	0	2	0	0	0	0	0	0	7.76		
MORLEY ...	9 9	107	24.3	11.7	18.0		31.4	4	3.5	31			21	35	13	10	7	5	0	0	0	0	0	0	0	0	0	0	0	7.68		
WINDERWORTH	9 9	126	23.6	10.4	17.0		31.6	3	5.3	29	18.1		27		17	12	8	3	0	0	0	0	2	0	0	0	0	0	0	8.50		
NOTTINGHAMSHIRE																																
MANSFIELD	9 9	114																														
NEWTHORPE	9 9	58	24.5	11.5	18.0		32.0	3	6.5	29			19		14	12	7	3														
NOTTINGHAM	9 9	59	24.3	14.1	19.2	+2.7	32.0	3	10.0	22	20.4	17.8	15	28	7	12	6	4	0	0	0	0	0	0	0	0	0	0	0	6.82	136	
SUTTON BONINGTON	9 9	48	25.0	11.9	18.5	+2.6	32.2	3	6.4	29	18.5	16.4	31	59	19	12	6	3	0	0	0	0	3	0	0	0	0	0	0	8.14	150	
WARSOP	9 9	46	25.3	10.4	17.9		32.5	3	4.9	2.8			23	43	13	12	6	4	0	0	0	0	1	0	0	0	0	0	0	8.58		
WATNALL	21-9	117	24.4	12.6	18.5	+2.8	32.3	3	9.1	21			23	38	16	12	8	5	0	0	0	1	3	0	0	0	0	0	0	8.08	154	
STAFFORDSHIRE																																
KEELE ...	9 9	179	22.3	12.6	17.5		30.2	3	8.0	22	17.3	14.6	12	18	3	19	8	5	0	0	0	0	4	0	0	0	0	0	0	7.42		
ORKEN ...	9 9	125	23.8	11.9	17.9	+2.6	32.1	3	7.6	22	18.3		19	30	7	3	9	6	0	0	0	0	0	0	0	0	0	0	0			
PENKIRGE	9 9	101	24.7	11.4	18.1		32.2	2	5.1	22			16	26	6	3	7	4	0	0	0	0	2	0	0	0	0	0	0			
STONE ...	9 9	107	23.5	11.8	17.7		30.8	3	6.4	22			13	20	5	15	9	5	0	0	0	0	2	0	0	0	0	0	0	8.38		
LEICESTERSHIRE																																
CALDECOTT	9 9	52	25.3	11.3	18.3		31.8	3	5.2	29			28	59	18	12	7	5	0	0	0	0	3	0	0	0	0	0	0	7.88		
NEWTON LINCOLN	9 9	119	24.8	11.5	18.1		32.3	3	6.1	29			24	41	17	12	7	4	0	0	1	2	0	0	0	0	0	0	0	7.95		
SALOP																																
NEWPORT ...	9 9	64	24.0	11.8	17.9	+2.6	32.0	3	4.2	22			13	20	3	4	8	6	0	0	0	0	2	0	0	0	0	0	0	8.09	154	
OSWESTRY ...	9 9	174	22.1	12.5	17.3	+2.2	31.4	3	7.0	25			46	66	38	4	8	4	0	0	0	0	0	0	0	0	0	0	0	6.80	129	
SHARNBURY	21-9	72	23.9	11.7	17.8	+2.1	32.6	3	6.3	22			33	53	20	4	8	5	0	0	0	0	4	0	0	0	0	0	0	7.39	136	
SHREWSBURY	9 9	56	(23.7)	(12.8)	(18.3)	(+2.2)	32.8	3	6.4	22	(20.0)	(18.8)	(41)	74	25	4	8	7	0	0	0	0	2	0	0	0	0	0	0	(6.87)	(129)	
WEST MIDLANDS																																
BIRMINGHAM																																
EDGBASTON	21-9	163	24.0	13.5	18.7	+2.7	32.6	3	9.8	31	17.0		26	40	10	3	10	5	0	0	0	0	2	0	0	0	0	0	0	8.19	155	
ELMDON AIRPORT	21-9	96	24.6	12.1	18.3	+2.4	32.9	3	6.3	29			12		3	3	8	6	0	0	0	0	2	0	0	0	0	0	0	8.49	149	
KING EDWARD SCHOOL	9 9	137	24.1	(12.8)	(18.5)		31.9	3	(7.6)	23			23	37	9	15	9	6	0	0	0	0	1	1	0	0	0	0	0			
COVENTRY AIRPORT	9 9	81	25.1	11.9	18.5		33.0	3	6.5	29	17.2	15.7	9		2	20	9	4	0	0	0	0	2	0	0	0	0	0	0	8.16		
WARWICKSHIRE																																
LONG LAWFORD	9 9	87	25.7	11.2	18.5		33.4	3	5.2	29	19.3		18		7	3	9	5	0	0	0	0	3	0	0	0	0	0	0			
LUDDINGTON	9 9	56	25.1	12.2	18.7		33.2	3	5.8	22			17		7	20	9	6	0	0	0	0	2	0								

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

JULY 1976

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 (MM)	MOST IN A DAY		PRECIP- ITATION		SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS MIN C	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														
7A ENGLAND NW & I.O.M.																																
CUMBRIA																																
CARLISLE ...	21-9	26	22.3	12.2	17.3	-	31.1	3	5.7	31	18.8	16.6	36	44	8	15	9	7	0	0	0	0	1	0	0	0	0	0	0	7.82	-	-
CARTMEL ...	9-9	34	21.8	11.8	16.8	-	29.9	3	5.2	31	-	-	49	13	15	8	6	0	0	0	0	1	0	0	0	0	0	0	0	0	0	-
GRIZEDALE ...	9-9	91	21.8	9.5	15.7	-	30.1	3.4	2.7	31	15.9	-	64	47	16	15	14	7	0	0	0	0	0	0	0	0	0	0	0	0	0	-
HEVERSHAM ...	9-9	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MOOR HOUSE ...	9-9	556	17.8	7.3	12.5	-	25.5	2	2.4	8	12.8	-	63	46	22	15	13	10	0	0	0	0	1	0	9	1	1	1	8.16	-	-	
NEWTON RIGG ...	9-9	171	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SELLAFIELD ...	9-9	13	21.2	13.8	17.5	-	29.2	3	8.5	31	-	-	31	37	8	15	12	9	0	0	0	0	0	0	0	0	0	0	0	7.54	-	-
LANCASHIRE																																
BAILRIGG ...	9-9	53	21.6	13.0	17.3	-	30.0	3	6.1	31	-	-	51	-	17	18	8	7	0	0	0	0	1	0	0	0	0	0	0	7.94	-	-
HELMESHORE ...	9-9	260	20.7	12.1	16.4	-	28.7	3	7.5	31	15.8	-	51	40	12	12	11	7	0	0	0	0	1	0	0	0	0	0	0	7.45	-	-
KIRKHAM ...	9-9	24	22.0	-	-	-	30.8	3	-	-	-	-	41	50	13	12	10	6	0	0	0	0	2	0	-	-	-	-	0	7.82	-	-
MORECAMBE ...	9-9	7	22.9	14.3	18.6	+2.9	31.5	3	9.4	31	-	-	42	53	12	12	9	4	0	0	0	1	0	0	0	0	0	0	0	8.35	152	-
NELSON ...	9-9	165	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PRESTON ...	9-9	33	22.2	12.8	17.5	-	31.0	3	7.3	22	-	-	47	55	13	15	11	8	0	0	0	2	1	0	0	0	0	0	0	-	-	-
SLAIDBURN ...	9-9	192	21.1	11.4	16.3	-	28.2	8	6.2	29	-	-	63	54	17	12	15	7	0	0	0	0	1	0	0	0	0	0	0	7.85	-	-
SQUIRES GATE AIRPORT	21-9	10	22.8	13.5	18.1	+2.6	33.7	3	7.8	18	-	-	37	50	9	18	12	9	0	0	0	3	0	0	0	0	0	0	0	7.87	129	-
STONTHURST ...	9-9	115	21.9	11.8	16.9	+1.9	31.1	3	7.4	22	-	-	71	64	19	12	10	7	0	0	0	0	0	0	0	0	0	0	0	7.30	150	-
MERSEYSIDE																																
ALBURNTHORPE ...	9-9	12	22.7	14.5	18.6	-	32.1	3	10.5	31	-	-	40	-	14	3	13	9	0	0	0	2	0	0	0	0	0	0	0	-	-	-
ST HELENS ...	9-9	76	22.7	13.5	18.1	-	32.5	3	8.8	31	(19.3)	-	69	-	33	12	14	10	0	0	0	0	0	0	0	0	0	0	0	7.63	-	-
SOUTHPORT ...	9-9	5	22.3	12.6	17.5	+2.0	32.0	3	6.1	22	(18.5)	-	36	50	8	18	9	9	0	0	0	0	0	0	0	0	0	0	0	7.80	132	-
SPEKE AIRPORT ...	21-9	22	23.1	13.6	18.3	+2.1	32.8	3	9.6	31	-	-	42	-	13	12	15	9	0	0	0	4	0	0	0	0	0	0	0	7.77	147	-
WEST KIRBY PARK ...	9-9	8	23.0	14.3	18.7	+2.6	32.4	3	9.3	18	-	-	28	42	9	12	9	7	0	0	0	0	0	0	0	0	0	0	0	-	-	-
GREATER MANCHESTER																																
BOLTON ...	9-9	107	22.1	12.0	17.1	-	30.8	3	7.6	18	16.4	15.0	21	-	5	15	10	8	0	0	0	0	0	0	0	0	0	0	0	7.66	154	-
MANCHESTER ...	21-9	75	22.9	13.7	18.3	+2.6	32.2	3	8.5	22	-	-	33	43	8	15	12	8	0	0	0	4	0	0	0	0	0	0	0	8.16	163	-
RINGWAY AIRPORT	21-9	69	23.2	14.8	19.0	-	32.6	3	10.3	31	-	-	23	-	7	12	11	5	0	0	0	1	0	0	0	0	0	0	0	7.89	-	-
CHESHIRE																																
KNUTSFORD ...	9-9	65	23.7	12.5	18.1	-	32.0	2	7.2	22	18.6	17.4	31	40	9	4	10	8	0	0	0	2	0	0	0	0	0	0	0	-	-	-
MACCLESFIELD ...	9-9	152	22.6	13.1	17.9	+2.5	31.0	2	8.3	31	-	-	25	29	7	15	11	7	0	0	0	2	0	0	0	0	0	0	0	-	-	-
NESS GARDENS ...	9-9	55	22.8	13.3	18.1	-	32.5	3	9.0	31	19.1	-	27	42	12	12	11	6	0	0	0	2	0	0	0	0	0	0	0	6.91	-	-
WINNINGTON ...	9-9	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ISLE OF MAN																																
DOUGLAS ...	9-9	87	19.3	13.5	16.4	+2.1	27.0	3	9.7	10	-	-	59	77	31	14	8	7	0	0	0	0	1	0	0	0	0	0	0	7.52	122	-
POINT OF AYRE ...	21-9	9	20.2	13.0	16.6	+1.5	24.5	1.4	7.6	10	-	-	25	42	10	15	7	4	0	0	0	0	0	0	0	0	0	0	0	7.20	118	-
RONALDSWY AIRPORT	21-9	16	19.5	12.9	16.2	+1.9	27.2	3	7.4	10	-	-	44	76	22	14	12	6	0	0	0	3	1	0	0	0	0	0	0	7.35	121	-
7B WALES N																																
GWYNEDD																																
ABER ...	9-9	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BALA ...	9-9	163	21.9	10.8	16.3	-	31.6	3	2.9	22	18.3	17.3	29	37	15	18	11	7	0	0	0	2	0	0	0	0	0	0	0	6.87	-	-
BAROSEY ISLAND ...	21-9	16	18.0	13.0	15.5	-	29.5	2	11.2	21.31	-	-	34	56	9	14	10	6	0	0	0	3	2	0	0	0	0	0	0	-	-	-
BOTWNOOD ...	9-9	34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHWYSTRODLYN ...	9-9	204	19.9	12.6	16.3	-	29.5	3	8.0	22	-	-	57	-	18	18	14	11	0	0	0	-	-	-	-	-	-	-	0	6.84	-	-
LLYN ALAW ...	9-9	44	21.0	12.8	16.9	-	30.5	3	8.5	29	-	-	42	-	14	14	11	8	0	0	0	-	-	-	-	-	-	-	0	7.06	-	-
FEN-Y-FFRIDD ...	9-9	84	21.5	13.4	17.5	-	30.6	1.3	8.2	29	-	-	24	28	7	15	9	7	0	0	0	1	0	0	0	0	0	0	0	6.39	-	-
TRAFFSYNYDD ...	9-9	193	(12.0)	(12.1)	(16.5)	-	30.6	3	6.0	23	-	-	49	38	15	18	13	8	0	0	0	0	0	0	0	0	0	0	0	-	-	-
VALLEY ...	21-9	10	20.7	13.8	17.3	+2.2	30.6	2	8.1	29	-	-	30	49	13	14	10	5	0	0	0	3	0	0	0	0	0	0	0	7.24	120	-
CLWYD																																
ALWEN ...	9-9	335	19.9	9.4	14.7	-	29.0	3	1.9	18	-	-	42	51	13	18	14	7	0	0	0	-	-	-	-	-	-	-	0	-	-	-
BALCHGWYN ...	9-9	386	20.2	11.2	15.7	-	29.0	3	6.5	31	14.6	-	51	60	39	4	13	4	0	0	0	1	0	0	0	0	0	0	0	-	-	-
COLWYN BAY ...	9-9	24	21.2	13.8	17.5	-	31.0	1.3	9.8	31	18.1	-	15	31	3	29	13	4	0	0	0	0	0	0	0	0	0	0	0	6.96	117	-
CORMEN ...	9-9	144	22.4	11.0	16.7	-	31.4	3	2.8	17	-	-	30	42	13	4	9	5	0	0	0	0	1	0	0	0	0	0	0	-	-	-
HAWARDEN BRIDGE ...	9-9	5	23.9	12.9	18.4	+2.3	33.0	3	7.3	17	-	-	16	26	3	4.12	11	8	0	0	0	2	0	0	0	0	0	0	0	-	-	-
LOGGERHEADS ...	9-9	210	21.2	11.1	16.1	-	30.1	3	5.0	18	16.5	15.1	21	28	6	4	12	9	0	0	0	2	0	0	0	0	0	0	0	6.96	-	-
RUTHIN ...	9-9	76	22.1	12.3	17.2	-	31.7	3	4.1	23	-	-	25	41	19	4	7	4	0	0	0	0	0	0	0	0	0	0	0	6.85	-	-
POWYS(NORTH)																																
CEINNS ...	9-9	61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LAKE YRYNNY ...	9-9	303	20.6	11.1	15.9	+1.9	30.1	3	5.4	22	16.5	-	41	38	15	18	12	9	0	0	0	2	0	0	0	0	0	0	0	-	-	-
MOEL CYNNEDO ...	9-9	358	20.1	8.5	14.3	-	29.1	3	2.2	22	(14.6)	-	99	-	25	18	14	12	0	0	0	3	0	0	0	0	0	0	0	-	-	-
7B WALES S																																
DYFED																																
ABERPORTH ...	21-9	134	19.5	13.2	16.3	+1.6	31.5	1	8.6	10.17	-	-	13	20	3	15	9	4	0	0	0	3	1	0	0	0	0	0	0	6.15	103	-
ABERYSTWYTH ...	9-9	4	-	-	-	-	-	-	-	-	-	-	32	37	8	19	11	9	0	0	0	0	0	7	0	0	0	0	0	-	-	-
BRANDY ...	21-9	111																														

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

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JULY 1976

DISTRICT REGION/COUNTY AND PLACE	MAX. TERMINAL HEIGHT OF OBSERVATION	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																						
8A WALES S CONTINUED																																	
WEST GLAMORGAN																																	
MUMBLES HEAD ...	21-9	36	21.7	14.5	18.1	-	29.2	1	9.8	31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NEATH ...	9 9	62	22.5	13.7	18.1	-	31.8	2	7.8	22	-	-	35	35	17	15	10	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PENMAEN ...	9 9	85	21.7	13.4	17.5	-	29.2	2	8.8	22	18.8	17.8	23	26	8	15	11	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PORT TALBOT ...	9 9	7	(23.5)	14.3	(18.9)	-	33.2	2	8.5	22	-	-	33	36	11	15	11	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SWANSEA ...	9 9	8	22.3	14.8	18.5	+2.0	31.0	2	9.1	22	20.6	19.1	27	31	10	15	10	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
MID GLAMORGAN																																	
ABERDARE ...	9 9	174	-	-	-	-	-	-	-	-	-	-	35	-	12	15	7	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
LLWYNNON ...	9 9	242	21.8	11.1	16.5	-	31.5	2	5.6	17	-	-	51	47	14	15	10	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PORTHCAWL ...	9 9	6	22.6	14.3	18.5	-	32.5	2	8.6	24	-	-	34	42	15	15	10	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SOUTH GLAMORGAN																																	
BRIDGEND ...	9 9	43	23.1	11.9	17.5	-	31.5	2	5.4	22	19.4	16.5	49	-	30	15	8	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
RHOOSE AIRPORT ...	21-9	67	23.4	12.7	18.1	-	32.0	1.2	7.3	22	-	-	19	-	7	13	8	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
GWENT																																	
CRUMBLAND ...	9 9	245	23.6	12.4	18.0	-	32.0	3	7.0	31	17.5	15.7	25	35	11	3	8	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NEWPORT ...	9 9	23	24.6	13.1	18.9	-	32.8	2.3.4	7.1	22	-	-	16	22	4	13	11	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
USK ...	9 9	21	24.8	11.6	18.2	+2.2	33.6	3	5.0	22	20.4	-	49	73	23	4	9	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
8B ENGLAND SW																																	
AVON																																	
BATH ...	9 9	118	24.1	13.5	18.8	-	32.7	3	9.1	21	19.4	-	31	51	20	4	8	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
FILTON ...	21-9	59	24.9	13.5	19.2	+2.7	33.8	2	8.0	22	-	-	21	35	6	13	10	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
LONG ASHTON ...	9 9	51	24.5	12.7	18.6	+2.3	33.5	3	6.7	22	20.3	-	24	34	7	13	8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SOMERSET																																	
CANNINGTON ...	9 9	23	24.9	13.6	19.3	+2.6	34.0	2	8.5	22	21.4	-	11	19	4	13	6	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
DOWNSIDE ABBEY ...	9 9	183	23.4	12.3	17.9	-	32.4	2	7.6	22	-	-	20	25	8	13	11	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
EXTON ...	21-9	335	22.2	11.7	16.9	-	30.9	3	6.8	10	-	-	24	-	11	15	8	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HAWKRIIDGE ...	9 9	314	20.8	11.9	16.3	-	29.2	3	7.5	22	-	-	19	18	6	13	9	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NETTLECOMBE ...	9 9	96	23.4	11.5	17.5	-	32.3	1	6.8	18	19.8	-	6	-	3	15	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
RODNEY STOKE ...	9 9	40	24.3	13.1	18.7	-	33.7	2	8.2	21.22	19.6	17.1	25	34	11	4	9	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WINCANTON ...	9 9	114	24.7	12.8	18.7	-	33.6	3	8.0	22	-	-	31	48	10	13	9	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
YEOWILTON ...	21-9	18	24.8	12.4	18.6	-	34.2	2	5.6	22	-	-	20	35	7	13	9	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
DORSET																																	
BOURNEMOUTH																																	
HURN AIRPORT ...	21-9	10	24.9	13.0	18.9	-	32.9	2	7.2	11	-	-	10	20	4	20	5	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
MEYRICK PARK ...	9 9	40	23.9	13.8	18.9	+2.3	31.9	5	9.0	11	20.6	17.0	8	15	3	13	6	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
CHRISTCHURCH ...	9 9	3	24.0	13.5	18.7	-	31.9	1	7.1	11	-	-	5	11	3	13	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
POOLE ...	9 9	5	24.7	13.8	19.3	+2.6	32.3	1	8.7	10	20.8	19.4	17	37	14	15	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PORTLAND BILL (COASTGUARD) ...	21-9	53	20.7	14.2	17.5	+1.8	25.8	5	11.2	21	-	-	9	-	5	15	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SWANAGE ...	9 9	11	22.6	14.5	18.5	+2.2	30.2	3	9.9	11	-	-	10	20	6	13	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WEYMOUTH ...	9 9	23	22.7	13.7	18.2	-	29.0	5	8.2	21	-	-	16	-	13	15	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WIMFRITH ...	9 9	26	24.2	12.8	18.5	-	32.0	5.6	6.5	11	-	-	33	61	21	15	7	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
DEVON																																	
CHELDON BARTON ...	9 9	164	23.5	11.6	17.5	-	31.4	3	5.6	22	17.8	-	25	-	5	19	10	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
EXETER AIRPORT ...	21-9	32	24.1	12.8	18.5	+2.2	31.9	3	7.7	22	-	-	14	27	7	13	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
EXMOUTH ...	9 9	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HARTLAND POINT ...	21-9	91	19.3	14.5	16.9	+1.6	28.4	1	11.1	18	-	-	27	38	12	15	9	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ILFRACOMBE ...	9 9	8	21.6	15.2	18.4	-	28.8	1	12.4	23	20.1	17.2	31	-	17	15	8	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NEWTON ABBOT ...	9 9	83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PLYMOUTH																																	
MOUNT BATTEN ...	21-9	27	21.8	14.1	17.9	+2.0	28.9	2	9.1	22	-	-	27	38	12	13	5	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
THE HOE ...	9 9	36	-	14.2	-	-	-	-	9.6	22	19.6	17.6	25	36																			

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

JULY 1976

DISTRICT REGION/COUNTY AND PLACE	MAX. TERMINAL HEIGHT OF OBSERVATION	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	1-0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS-ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS MIN. BELOW 0 DEG C	CONCRETE MIN. BELOW 0 DEG C	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE	
				MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE					AMOUNT (MM)	DATE																	
NORTHERN IRELAND																																		
LONDONDERRY																																		
AGHANLOO ...	9 9	18	19.6	12.7	16.1	-	-	28.0	3	8.5	31	-	-	55	-	9	5	17	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BANAGHER(CAUGH HILL) ...	9 9	216	19.0	10.8	14.9	-	-	26.8	1	6.0	31	-	-	90	-	17	8	23	15	0	0	-	-	-	-	-	-	-	-	-	-	-	-	
CARMONEY ...	9 9	73	19.3	12.4	15.9	-	-	27.5	1.2	8.5	30	-	-	99	-	22	3	18	14	0	0	-	-	-	-	-	-	-	-	-	-	-	-	
COLERAINE UNIVERSITY ...	9 9	23	18.8	12.1	15.5	-	-	26.9	2	8.0	10	16.5	14.0	66	-	10	14	23	15	0	0	-	-	-	-	-	-	-	-	-	-	-	-	
COOLKEERAGH ...	9 9	3	19.8	12.7	16.3	-	-	28.7	1	7.5	31	-	-	87	-	12	5.6	16	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DERRYNORD FOREST ...	9 9	88	20.0	11.7	15.9	-	-	27.0	2	7.1	10	-	-	69	69	11	8	17	13	0	0	-	-	-	-	-	-	-	-	-	-	-	-	
GARYVAGH FOREST ...	9 9	88	19.1	11.4	15.3	-	-	26.6	2	7.0	10	17.6	14.1	61	58	8	9	19	13	0	0	-	-	-	-	-	-	-	-	-	-	-	-	
LOUGHMORE FOREST ...	9 9	174	18.7	11.6	15.1	-	-	27.8	2	7.0	10	-	-	93	97	11	8	25	19	0	0	-	-	-	-	-	-	-	-	-	-	-	-	
MONEYDIG ...	9 9	34	19.8	11.7	15.7	+1.6	-	27.1	2	7.7	10	17.9	-	57	63	12	5	20	11	0	0	-	-	-	-	-	-	-	-	-	-	-	-	
SOMERSET FOREST ...	9 9	43	19.5	11.7	15.6	-	-	27.5	5	8.1	10	-	-	56	63	8	5	23	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TRAID POINT ...	9 9	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
ANTRIM																																		
ALDERGROVE AIRPORT ...	21-9	68	20.1	12.7	16.4	+2.0	-	27.7	2	6.6	31	17.3	14.2	39	49	9	10	16	10	0	0	-	-	-	-	-	-	-	-	-	-	-	-	
ALTNAHINCH ...	9 9	226	17.7	11.4	14.5	-	-	26.2	2	6.4	31	-	-	71	53	8	9	24	16	0	0	-	-	-	-	-	-	-	-	-	-	-	-	
BALLYLUNFORD ...	9 9	24	19.2	12.1	15.7	-	-	24.2	3.5	9.5	10.31	-	-	30	-	14	14	9	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BALLYMONEY ...	9 9	55	-	-	-	-	-	-	-	-	-	-	-	58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BALLYPATRICK FOREST ...	9 9	152	18.0	10.8	14.4	-	-	24.7	2	6.7	10	-	-	30	52	9	18	22	16	0	0	-	-	-	-	-	-	-	-	-	-	-	-	
CARNLOUGH ...	9 9	12	19.9	11.9	15.9	-	-	24.5	2.3	8.5	10	-	-	32	-	8	9	16	9	0	0	-	-	-	-	-	-	-	-	-	-	-	-	
DIVIS MOUNTAIN ...	9 9	365	17.1	10.3	13.7	-	-	24.0	5	6.0	31	-	-	83	78	30	14	16	14	0	0	-	-	-	-	-	-	-	-	-	-	-	-	
GREENMOUNT ...	9 9	32	20.1	12.2	16.1	-	-	27.3	2	5.6	31	18.1	-	41	53	8	10	16	11	0	0	-	-	-	-	-	-	-	-	-	-	-	-	
KILROOY POWER STATION ...	9 9	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
LARNE ...	9 9	43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
LISNAFFILLAN ...	9 9	38	19.4	11.2	15.3	-	-	26.6	2	4.3	31	-	-	34	39	8	9	14	10	0	0	-	-	-	-	-	-	-	-	-	-	-	-	
LONTOWN ...	9 9	271	17.7	11.3	14.5	-	-	25.3	2	5.4	10	15.2	-	67	54	13	14	23	9	0	0	-	-	-	-	-	-	-	-	-	-	-	-	
MALLUSK(HYDE PARK) ...	9 9	140	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
PARKMORE FOREST ...	9 9	235	17.9	11.1	14.5	-	-	24.4	2.3	5.4	10	15.3	-	65	45	9	13	20	13	0	0	-	-	-	-	-	-	-	-	-	-	-	-	
WOODBURN NORTH ...	9 9	217	18.0	10.6	14.3	-	-	22.5	1.2.5	4.5	10	-	-	63	60	20	14	19	11	0	0	-	-	-	-	-	-	-	-	-	-	-	-	
BELFAST																																		
MALONE ...	9 9	35	20.1	-	-	-	-	26.0	2	-	-	17.0	-	30	-	8	14	13	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MILLTOWN ...	9 9	37	20.8	12.5	16.7	-	-	27.0	2	8.0	31	-	-	31	-	9	14	13	9	0	0	-	-	-	-	-	-	-	-	-	-	-	-	
NEWTOWNABBEY ...	9 9	32	19.6	13.3	16.5	-	-	25.3	1	9.3	10.31	17.8	-	39	45	11	14	16	11	0	0	-	-	-	-	-	-	-	-	-	-	-	-	
ROSEBANK ...	9 9	47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
ROSETTA ...	9 9	24	20.3	12.6	16.5	-	-	26.4	2	8.0	10.31	-	-	30	37	9	14	12	7	-	-	-	-	-	-	-	-	-	-	-	-	-		
STORMONT CASTLE ...	9 9	56	19.4	12.4	15.9	-	-	24.5	1	7.6	31	17.5	15.4	36	45	11	14	13	8	0	0	-	-	-	-	-	-	-	-	-	-	-	-	
DOWN																																		
BANGOR SEACOURT ...	9 9	15	19.5	12.8	16.1	-	-	24.5	1	9.6	10	17.5	15.4	41	-	12	15	12	9	0	0	-	-	-	-	-	-	-	-	-	-	-	-	
BALLYWATER PARK ...	-	11	-	-	-	-	-	-	-	-	-	-	-	37	51	11	14	16	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BALLYWATTICOCK ...	-	6	19.2	12.1	15.7	-	-	24.2	3	7.6	31	-	-	42	63	13	14	13	10	0	0	-	-	-	-	-	-	-	-	-	-	-	-	
CREIGHTONS GREEN ...	9 9	119	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DOWNPATRICK ...	9 9	26	20.2	12.4	16.3	-	-	25.3	2	7.0	31	-	-	45	-	17	14	13	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HELENS BAY ...	9 9	43	19.9	12.4	16.1	-	-	24.4	1	8.4	31	-	-	41	56	15	14	14	10	0	0	-	-	-	-	-	-	-	-	-	-	-	-	
HILLSBOROUGH ...	9 9	116	18.8	11.5	15.1	+1.1	-	25.0	2	7.2	31	15.7	13.3	34	43	8	14	13	8	0	0	-	-	-	-	-	-	-	-	-	-	-	-	
KILKEEL ...	21-9	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
KILLDOUGH ...	21-9	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MURLOUGH ...	9 9	9	19.7	11.9	15.8	-	-	23.7	7	7.1	31	16.1	14.5	48	-	23	14	13	8	0	0	-	-	-	-	-	-	-	-	-	-	-	-	
ARMAGH																																		
ARMAGH ...	9 9	62	20.5	12.4	16.5	+1.6	-	28.2	2	6.1	31	18.9	16.9	53	71	16	5	16	10	0	0	-	-	-	-	-	-	-	-	-	-	-	-	
LOUGHGALL ...	9 9	25	20.2	12.3	16.3	-	-	28.0	2	7.0	29	-	-	46	67	13	6	15	8	0	0	-	-	-	-	-	-	-	-	-	-	-	-	
LURGAN ...	9 9	55	20.4	12.5	16.5	-	-	27.5	2	7.2	29	17.4	15.2	35	49	7	14	13	9	0	0	-	-	-	-	-	-	-	-	-	-	-	-	
PORTADOWN ...	9 9	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TANDRAGEE ...	9 9	43	21.4	12.1	16.7	-	-	29.5	4	7.1	31	-	-	36	-	7	8	9	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TYRONE																																		
CARRIGANS ...	21-9	113	19.5	12.2	15.9	-	-	28.0	2	5.5	31	-	-	75	83	13	8	22	14	0	0	-	-	-	-	-	-	-	-	-	-	-	-	
COOKSTOWN ...	9 9	77	19.7	11.4	15.5	-	-	26.7	2	6.4	31	17.2	-	72	85	12	5	17	14	0	0	-	-	-	-	-	-	-	-	-	-	-	-	
LOUGH BRADAN ...	9 9	169	18.6	10.7	14.7	-	-	26.7	3	5.6	31	-	-	136	122	29	18	17	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
POMEROY FOREST ...	9 9	174	18.8	11.2	15.0	-	-	25.5	5	6.5	31	17.6	-	87	95	21	8	19	14	0	0	-	-	-	-	-	-	-	-	-	-	-	-	
STRABANE CONVENT ...	9 9	44	20.0	12.9	16.5	-	-	28.7	2	7.8	31	-	-	85	108	17	8	21	16	0	0	-	-	-	-	-	-	-	-	-	-	-	-	
TIJEVenny ...	9 9	41	19.6	12.3	15.9	-	-	27.8	2	7.6	31	-	-	67	-	17	8	19	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FERMANAGH																																		

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

JULY 1976

	HEIGHT OF BAROMETER ABOVE MSL (METRES)	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT							VISIBILITY							WIND SPEED AND DIRECTION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
			AT MSL (MB)	DIFFERENCE FROM 1941-70 AVERAGE	DRY BULB DEGREES C	DEPRESSION OF WET BULB DEGREES C	VAPOUR PRESSURE (MB)	RELATIVE HUMIDITY (%)	OKTAS							0 - 39M	40 - 190M	200 - 390M	400 - 990M	1000 - 1900M	2000 - 3900M	4 - 9KM	10 - 19KM	20 - 39KM	40KM AND OVER	BEAUFORT FORCE						N	NE	E	SE	S	SW	W	NW																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
									0	1 - 2	3 - 5	6 - 7	8	SKY OBSERVED	10 OR MORE											22-35	11-21	1-10	0	1	2									3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069	1070	1071	1072	1073	1074	

[illegible]

TABLE 4. SUMMARY OF OBSERVATIONS AT FIXED HOURS

STATION	HEIGHT OF BAROMETER ABOVE MSL (METRES)	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY		CLOUD AMOUNT						VISIBILITY										WIND SPEED AND DIRECTION															
			AT MSL (MB)	DIFFERENCE FROM 1941-70 AVERAGE	DRY BULB DEGREES C	WET BULB DEGREES C	DEPRESSION OF VAPOUR PRESSURE (MB)	RELATIVE HUMIDITY (%)	OKTAS						VISIBILITY										BEAUFORT FORCE													
									MEAN	0	1-2	3-5	6-7	8	SKY OBSCURED	0-39M	40-190M	200-390M	400-990M	1000-1900M	2000-3900M	4-9KM	10-19KM	20-39KM	40KM AND OVER	10 OR MORE	6-7	4-5	1-3	CALM	N	NE	E	SE	S	SW	W	NW
NUMBER OF OBSERVATIONS																																						
BB ENGLAND SW																																						
AVON																																						
FILTON	61	3	1018.4	-	14.7	1.9	13.4	80	3.1	9	9	3	7	3	0	0	0	0	0	0	2	5	4	15	5	0	0	1	29	1	3	5	9	1	0	4	6	2
		9	1018.7	+2.2	18.7	3.8	14.2	65	4.4	4	6	6	11	2	0	0	0	0	0	0	0	0	0	0	0	0	0	6	25	0	6	6	3	1	4	2	6	2
		15	1017.5	-	23.4	6.8	13.7	48	4.6	2	7	8	12	2	0	0	0	0	0	0	0	0	0	0	0	0	0	14	17	0	4	2	4	2	3	14	2	
		21	1018.1	-	18.7	3.5	14.6	68	3.5	2	13	6	8	2	0	0	0	0	0	0	2	4	7	8	10	0	0	5	24	2	2	4	1	0	3	6	9	4
SOMERSET																																						
EXTON	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
YEDEVILTON	23	3	1018.4	-	14.2	1.4	14.0	85	4.0	2	10	10	4	5	0	0	0	0	0	0	3	9	14	5	0	0	0	13	18	1	3	0	0	2	1	5	1	1
		9	1018.7	-	19.5	3.9	14.7	65	4.7	3	2	13	9	4	0	0	0	0	0	0	4	6	9	12	0	-	-	-	-	-	-	-	-	-	-	-	-	-
		15	1017.8	-	23.9	6.8	14.2	49	4.8	2	3	14	9	3	0	0	0	0	0	0	1	13	16	0	0	1	18	12	0	6	1	0	3	4	8	3	6	
		21	1018.4	-	18.4	3.0	15.4	72	4.5	0	10	7	11	3	0	0	0	0	0	0	2	9	11	10	0	0	0	11	17	3	7	0	5	0	4	6	6	
DORSET																																						
MURN	11	3	1018.3	-	14.2	1.1	14.4	88	3.5	5	11	5	7	3	0	0	0	0	0	2	1	6	11	11	0	0	0	0	28	3	5	2	2	1	2	5	3	8
		9	1018.5	-	20.2	4.4	14.7	62	3.7	5	9	7	9	1	0	0	0	0	0	0	0	9	6	13	3	0	0	8	23	5	5	1	1	5	8	2	4	
		15	1018.0	-	23.2	6.6	13.8	49	4.5	2	8	5	14	1	0	0	0	0	0	0	5	11	9	6	0	0	16	15	0	4	1	1	2	11	7	2		
		21	1018.2	-	18.2	3.2	14.7	70	4.4	2	9	7	12	1	0	0	0	0	0	0	0	9	8	12	2	0	0	3	26	2	2	1	4	1	3	7	6	
PORTLAND BTL C.O.	54	3	1018.3	-	15.6	1.4	15.2	86	3.7	8	5	5	7	5	1	0	0	1	0	0	0	9	9	12	0	0	0	10	19	2	7	5	5	2	3	3	2	
		9	1018.9	-	18.1	2.4	16.0	77	3.7	3	5	6	8	3	0	0	0	0	1	0	11	7	9	3	0	0	10	19	2	6	1	5	0	2	7	5		
		15	1018.5	-	19.0	2.5	16.8	77	4.1	4	7	8	7	5	0	0	0	0	0	1	2	7	11	10	1	0	0	21	0	0	0	3	0	5	7	9		
		21	1018.4	-	16.5	1.3	16.4	87	4.1	5	6	8	5	7	0	0	0	0	0	1	1	9	10	8	1	0	0	11	17	3	7	0	5	0	4	6		
DEVON																																						
EXETER	38	3	1018.5	-	14.0	0.9	14.5	90	4.3	2	11	4	9	5	0	0	0	0	0	4	4	9	7	7	0	0	1	23	7	9	3	1	0	3	2	1	5	
		9	1018.7	+1.6	19.4	3.4	15.6	69	4.5	3	6	6	16	0	0	0	0	0	0	0	7	7	10	0	0	0	10	20	1	5	2	1	3	8	1	5		
		15	1017.9	-	22.6	5.4	15.5	57	5.4	1	4	7	14	5	0	0	0	0	0	0	2	10	6	13	0	0	16	15	0	6	1	0	5	12	0	2		
		21	1018.6	-	17.7	2.4	15.8	77	4.3	2	8	9	10	2	0	0	0	0	0	1	4	7	8	11	0	0	1	29	1	2	0	1	2	2	4	2		
HARTLAND POINT	93	3	1018.2	-	15.6	1.4	15.2	86	4.1	8	6	3	8	5	1	0	1	0	1	2	1	5	7	14	0	3	11	8	9	7	1	1	0	4	2	7		
		9	1018.6	-	16.7	1.8	15.6	81	5.3	3	3	5	15	4	1	0	0	0	3	1	1	3	5	8	10	0	1	13	14	3	8	3	2	0	1	6		
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		21	1018.7	-	16.1	1.6	15.4	84	5.2	0	4	10	12	5	0	0	0	0	0	1	3	3	7	4	13	0	2	7	17	5	7	3	0	2	2	8		
MOUNT BATTEN	28	3	1018.2	-	15.2	1.1	15.3	89	3.5	6	11	2	6	6	0	0	0	0	0	2	9	7	9	4	0	0	4	24	3	8	2	6	0	2	1	6		
		9	1018.7	+1.3	18.5	2.6	16.0	75	4.7	2	8	3	14	4	0	0	0	0	0	2	5	8	5	11	0	0	10	21	0	7	1	3	0	3	10	5		
		15	1018.2	-	20.7	5.7	16.6	68	5.4	1	5	7	13	5	0	0	0	0	0	2	5	7	6	11	0	1	14	16	0	5	2	2	1	1	14			
		21	1018.7	-	17.4	2.1	15.7	79	4.0	0	13	6	8	4	0	0	0	0	0	2	7	6	10	0	0	3	23	0	15	2	3	1	1	4	3			
PRAMLE POINT	-	3	-	-	-	-	-	-	-	14	5	4	4	0	0	0	0	1	0	2	5	7	16	0	0	3	15	8	5	2	8	0	2	0	4	5		
		9	-	-	-	-	-	-	-	4.2	6	4	10	3	0	0	0	1	1	0	7	9	13	0	0	3	9	18	1	1	11	0	0	4	13			
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
		21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
CORNWALL																																						
GHENNAP HEAD	70	3	1017.7	-	15.4	1.1	15.6	89	4.0	8	5	4	2	10	1	0	0	1	0	1	2	6	16	5	0	1	15	14	1	7	1	3	1	3	5	3		
		9	1017.9	-	17.1	1.9	15.9	81	5.1	0	9	5	9	7	1	0	1	0	1	2	0	4	7	8	0	2	16	10	3	5	2	4	0	4	6			
		15	1018.2	-	18.4	2.6	16.0	76	5.1	1	4	10	11	5	0	0	0	0	0	3	6	6	11	5	0	1	19	10	1	4	0	2	0	3	8			
		21	1018.3	-	15.6	1.2	15.5	87	4.2	0	12	8	4	6	1	0	0	1	0	2	1	7	6	8	6	0	1	13	17	0	10	2	1	0	3	6		
ST HAWOAN	107	3	1018.4	-	14.8	1.0	15.1	90	4.5	5	4	6	9	6	1	0	1	0	1	2	7	5	8	7	0	0	4	25	2	11	0	3	3	3	4			
		9	1018.6	+1.4	17.7	2.4	15.6	77	5.7	1	5	2	16	7	0	0	0	1	0	2	6	5	6	11	0	0	16	15	0	9	1	3	3	4	2			
		15	1018.6	-	18.9	3.0	15.8	72	5.1	0	6	8	14	3	0	0	0	1	0	2	5	6	7	10	0	0	23	8	0	7	0	1	2	2	4			
		21	1019.0	-	15.8	1.4	15.4	85	4.1	0	12	9	7	3	0	0	0	0	1	0	3	6	2	8	11	0	4	27	0	10	0	1	1	5	3			
SCILLY	61	3	1019.0	-	15.8	1.0	16.0	89	5.0	2	6	6	10	6	1	0	0	1	0	1	3	5	8	13	0	0	10	17	4	6	2	2	0	4	4			
		9	1019.3	+1.7	17.6	1.9	16.5	82	5.8	0	6	3	15	7	0	0	1	0	0	3	7	7	10	0	0	14	12	5	7	4	2	1	6	1	4			
		15	1019.7	-	18.9	2.3	17.0	78	5.0	0	4	12	13	2	0	0	0	0	0	2	4	7	10	8	0	0	18	12	1	14	0	1	1	4	3			
		21	1019.7	-	15.9	1.1	16.0	88	4.6	1	5	11	10	2	2	0	0	0	2	0	4	3	11	10	0	0	11	15	5	10	2	0	0	4	2			
CHANNEL ISLANDS																																						
GUERNSEY AIRPORT	105	3	1018.7	-	15.1	0.9	15.4	90	3.4	6	12	2	6	5	0	0	1	1	2	0	1	6	7	10	3	0	0	8	22	1	3	2	6	1	2	5		
		9	1019.3	-	17.7	2.1	16.1	80	4.0	3																												

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

JULY 1976

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	18	13	0	0	0	0	0	0	0	0	15	16	0	CAMBRIDGE BOTANIC GARDENS	0	0	0	0	1	14	9	7	0	0	0	0	0	0	3	22	6															
LERWICK (SCREEN)	0	0	0	16	15	0	0	0	0	0	0	0	0	15	16	0	EDDABASTON	0	0	0	0	5	15	4	7	0	0	0	0	0	0	2	21	8															
STORNOWAY	0	0	0	4	23	4	0	0	0	0	0	0	0	5	26	0	KEN (PSYCHROMETER)	0	0	0	0	1	13	9	8	0	0	0	0	0	0	5	16	10															
CRAIBSTONE	0	0	0	3	10	17	1	0	0	0	0	0	0	10	21	0	KEN (NORTH-WALL SCREEN)	0	0	0	0	1	12	10	8	0	0	0	0	0	0	1	15	15															
ROTHESAY	0	0	0	0	18	8	5	0	0	0	0	0	0	7	14	10	HASTINGS	0	0	0	0	6	18	3	4	0	0	0	0	0	0	0	13	18															
ABBOTSINCH	0	0	0	0	15	8	8	0	0	0	0	0	1	9	17	4	SOUTHAMPTON	0	0	0	0	1	18	5	7	0	0	0	0	0	0	0	16	15															
ESKDALEMUIR (PSYCHROMETER)	0	0	0	2	17	5	7	0	0	0	0	0	6	10	15	0	STONYHURST	0	0	0	1	12	9	8	1	0	0	0	0	0	11	17	3																
ESKDALEMUIR (SCREEN)	0	0	0	1	18	5	7	0	0	0	0	0	3	13	14	1	VALLEY	0	0	0	0	19	6	5	1	0	0	0	0	0	0	2	20	9															
DOUGLAS	0	0	0	0	22	4	5	0	0	0	0	0	0	1	21	9	RHODES	0	0	0	0	5	15	8	3	0	0	0	0	0	10	11	10																
BOULMER	0	0	0	0	17	14	0	0	0	0	0	0	0	13	17	1	FALMOUTH	0	0	0	0	11	19	1	0	0	0	0	0	0	0	2	20	9															
MULL	0	0	0	0	5	12	14	0	0	0	0	0	0	4	19	8	ALDERROVE	0	0	0	0	21	5	5	0	0	0	0	0	0	4	21	6																
DORLESTON	0	0	0	0	5	24	2	0	0	0	0	0	0	0	13	18	ARMADH	0	0	0	0	21	6	4	0	0	0	0	0	0	6	20	5																

TABLE 6 SUMMARY OF AUTOGRAPHIC RECORDS OF WIND

JULY 1976

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	6-10 KT	LESS THAN 6 KT	HOURS OF NO RECORD	MEAN HOURLY WIND SPEED (KT)	HOURLY WIND				GUST																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
				DATES OF OCCURRENCE					NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS		YEAR FROM N			SPEED-KT	DAY	HOUR BEGINNING	YEAR FROM N	SPEED-KT	DAY	TIME																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
0 SCOTLAND NORTH																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						

TABLE 6 SUMMARY OF AUTOGRAPHIC RECORDS OF WIND

139
JULY 1976

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				
CONTINUATION OF DISTRICT 3 EAST ANGLIA																									
SUFFOLK	WYTON	45	10 10						0	0	0	169	497	78	0	7.7	220	17	19	11	210	28	19	1100	
	HONINGTON	60	13 13						0	0	0	181	452	111	0	7.5	300	18	30	12	350	27	21	1312	
	WATTISHAM	105	17 10						0	0	0	209	466	69	0	8.4	230	18	19	11	200	29	15	1536	
BEDFORDSHIRE	BEDFORD	94	13 9						0	0	0	148	512	84	0	7.5	190	17	15	12	050	26	5	1648	
	CARDINGTON	70	41 41						0	0	0	214	444	86	0	8.3	250	21	19	12	090	30	1	1306	
HERTFORDSHIRE	GARSTON	94	15 10						0	0	0	16	504	224	0	5.0	090	14	1	11	200	27	15	1312	
	ROTHAMSTED	141	13 10																						
ESSEX	SHOEBURYNESSE	17	14 12						0	0	0	204	481	53	6	8.6	060	18	1	14	240	31	16	0124	
	STANSTED	108	10 10						0	0	0	192	492	60	0	8.2	090	19	1	09	120	28	12	1630	
4 MIDLAND COUNTIES																									
SOUTH YORKSHIRE	FINNINGLEY	19	10 10						0	0	0	151	379	214	0	6.9	200	18	15	15	190	29	15	1700	
	SHEFFIELD																								
	UNIVERSITY	146	29 15						0	0	0	130	397	209	8	6.6	200	19	19	08	200	35	19	0824	
NOTTINGHAMSHIRE	WATNALL	130	13 10						0	0	0	185	445	114	0	7.7	200	17	15	14	120	30	11	1618	
STAFFORDSHIRE	KEELE	215	15 10						0	0	0	8	445	291	0	4.3	200	13	15	15	180	30	15	1100	
SALOP	SHAWBURY	84	12 10						0	0	0	120	484	140	0	6.9	290	19	4	17	170	30	18	1412	
WEST MIDLANDS	BIRMINGHAM								0	0	0	62	464	218	0	5.7	210	17	15	12	210	36	15	1600	
	EDGBASTON	196	36 22						0	0	0	183	470	91	0	7.9	200	19	15	17	260	32	29	1524	
	ELMDON AIRPORT	104	10 10						0	0	0	195	437	112	0	7.9	190	21	15	13	190	32	15	1312	
HEREFORD & WORCS	PERSHORE	47	10 10						0	0	0	187	435	120	2	7.9	210	20	15	11	130	33	4	1724	
GLOUCESTERSHIRE	FAIRFORD	88	10 10						0	0	0	154	402	188	0	7.0	080	18	1	14	090	28	1	1448	
OXFORDSHIRE	BENSON	67	10 10						0	0	0	116	533	95	0	7.2	100	16	1	12	190	29	4	1718	
	BRIZE NORTON	91	13 10																						
5 ENGLAND SOUTHEAST & CENTRAL SOUTHERN																									
GREATER LONDON	HAMPTON	42	31 30						0	0	0	28	230	444	42	3.3	190	13	13	13	050	25	1	1530	
	HEATHROW AIRPORT	34	10 10						0	0	0	147	525	72	0	7.7	100	19	1	14	090	28	1	0954	
	KEW	28	23 15						0	0	0	101	394	249	0	5.9	070	16	1	10	220	31	13	1312	
	LONDON WEATHER CENTRE	93	70 38						0	0	0	296	419	29	0	9.6	230	19	19	10	200	32	15	1348	
	POST OFFICE TOWER	174							0	2	3	421	285	13	22	11.7	340	23	21	05	340	31	21	0512	
WILTSHIRE	BOSCOMBE DOWN	130	17 17						0	0	0	206	471	67	0	8.4	210	19	15	14	200	31	15	1130	
	LARKHILL	145	13 10						0	0	0	139	468	133	4	7.2	210	19	15	14	190	34	15	1348	
	PORTON	120	10 10						0	0	0	182	405	157	0	7.5	190	19	15	13	190	28	15	1112	
KENT	DUNGENESS	16	10 10						0	0	0	260	410	74	0	8.9	070	19	1	10	310	32	16	0324	
	ISLE OF GRAIN	15	12 10																						
	MANSTON	62	18 18						0	1	3	296	403	42	0	9.7	070	22	1	09	210	31	13	1448	
HAMPSHIRE	CALSHOT	15	13 10						0	1	1	246	377	106	14	8.6	210	22	13	20	230	32	19	1142	
	FARNBOROUGH	75	10 10						0	0	0	96	450	190	8	6.3	080	16	1	16	070	27	4	1530	
	MIDDLE WALLOP	94	10 10						0	0	0	153	457	134	0	7.2	200	17	15	13	110	27	1	1300	
WEST SUSSEX	GATWICK AIRPORT	69	10 10						0	0	0	155	389	200	0	7.0	070	20	1	16	230	31	13	1048	
	THORNEY ISLAND	16	10 10						0	0	0	208	406	130	0	8.0	240	20	19	12	240	29	19	1024	
7A ENGLAND NORTHWEST AND ISLE OF MAN																									
CUMBRIA	CARLISLE	41	13 9						0	0	0	116	539	89	0	7.0	310	16	27	18	250	30	29	1412	
	GREAT DUN FELL	857	10 10	13-15	18	19	29		18	13	110	457	147	12	0	15.6	200	40	15	13	200	57	15	1354	
	MOOR HOUSE	595	13 12						0	9	30	270	345	99	0	9.8	290	28	29	12	280	42	29	1130	
	SELLAFIELD	25	12 11						0	0	0	118	413	162	51	6.9	180	21	13	23	170	29	15	1324	
LANCASHIRE	FLEETWOOD	34	15 9						0	0	0	203	389	152	0	7.8	300	20	30	04	230	34	19	0324	
	SQUIRES GATE AIRPORT	22	12 11						0	1	1	269	435	39	0	9.5	230	22	19	03	230	33	19	0342	
MERSEYSIDE	RIGBIRTH	38	23 11						0	0	0	200	456	88	0	8.3	200	20	15	15	140	34	4	0254	
	SPEKE AIRPORT	30	10 10						0	0	0	207	425	112	0	7.9	300	21	29	15	290	32	29	1630	
GREATER MANCHESTER	MANCHESTER	80	10 10						0	0	0	157	426	161	0	7.3	190	17	15	15	100	32	3	2254	
	RINGWAY AIRPORT	82	45 17						0	0	0	87	496	161	0	6.7	210	18	15	15	210	37	15	1536	
	WEATHER CENTRE	20	10 10						0	2	4	386	300	51	3	10.7	320	24	30	19	320	33	30	1854	
ISLE OF MAN	POINT OF AYRE	20	10 10						0	0	0	268	397	79	0	8.9	190	20	13	20	330	29	27	2324	
	RONALDSWAY	25	10 10																						
7B WALES NORTH																									
GWYNEDD	VALLEY	26	16 12						0	7	38	260	350	96	0	10.0	190	28	13	20	170	40	15	0700	
8A WALES SOUTH																									
DYFED	ABERPORTH	144	10 10						0	3	12	320	339	73	0	9.8	170	25	18	13	180	37	15	0948	
	BRAWDY	121	10 10						0	2	3	292	386	63	0	9.4	190	22	15	10	190	35	15	1148	
	MILFORD HAVEN	47	10 10						0	0	0	259	385	100	0	8.5	160	19	15	11	210	33	9	0642	
WEST GLAMORGAN	PORT TALBOT	28	12 11						0	0	0	192	250	278	24	6.4	260	20	14	06	260	31	14	0618	
MID GLAMORGAN	CILFYNYDD	210	16 16						0	0	0	107	400	237	0	6.3	190	17	15	14	250	34	19	0906	
SOUTH GLAMORGAN	RHOOSE AIRPORT	74	10 10						0	0	0	178	448	118	0	7.6	260	18	19	15	260	30	19	1600	
8B ENGLAND SOUTHWEST																									
AVON	AVONMOUTH	28	19 10																						
	HURN AIRPORT	23	13 11						0	0	0	161	428	155	0	7.2	250	18	19	13	270	30	30	1012	
	PORTLAND BILL CG	60	13 13						0	0	0	225	358	98	63	8.4	260	20	19	14	260	30	19	1424	
DEVON	MOUNT BATTEN	64	13 13						0	1	2	208	426	108	0	8.1	200	24	13	13	200	36	13	1342	
	LIZARD	96	23 18						0	9	33	486	207	18	0	13.2	200	28	13	12	220	36	13	1430	
	ST MAWGAN	120	13 13						0	0	0	286	384	74	0	9.1	180	21	15	09	110	34	1	0748	
	SCILLY (ST. MARY'S)	70	20 17						0	4	9	364	233	138	0	9.7	230	23	13	13	190	36	13	1054	
CHANNEL ISLANDS	GUERNSEY AIRPORT	111	11 10						0	0	0	182	505	57	0	8.1	250	18	19	17	100	27	1	2218	
	JERSEY AIRPORT	98	18 12						0	0	0	149	485	110	0	7.5	080	18	1	17	070	28	1	1742	
NORTHERN IRELAND																									
LONDONDERRY	COLERAINE UNIVERSITY	33	10 10																						
	ALDERGROVE	80	10 10						0	0	0	221	456	67	0	8.8									

(x) Urban rooftop site.

MONTHLY WEATHER REPORT

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

AUGUST

1976

VOLUME 93

NUMBER 8

Warm, very sunny and mostly very dry; rain last few days.

Weak troughs of low pressure crossed most districts during the first few days and then mainly affected northern areas as a ridge from an anticyclone to the south-west extended eastwards. By the second week the British Isles lay within a belt of high pressure from the Azores to Scandinavia. A cold front crossed northern districts on the 12th and 13th, but high pressure persisted, with the main centre off north-east Scotland from the 14th to the 21st and over Scandinavia from the 22nd. A weak front lay across south-western districts from the 23rd to the 25th and the anticyclone then drifted to the north-west of Scotland. A cold front crossed most of England and Wales from east to west on the 27th and a depression over the Bay of Biscay moved towards south-east England on the 29th. Fronts from the north-west moved south at the end of the month.

Weather

Occasional rain fell in places during the first few days and there were scattered thunderstorms. The weather then became warm and sunny in many places, although rain and isolated thunderstorms occurred at times in the north. From about mid month it became dry and very sunny almost everywhere and it was often hot. The end of the month was cooler and from the 27th rain or thunderstorms reached many parts of England and Wales, sometimes also affecting Scotland and Northern Ireland. The rain was heavy in some areas and ended a very long, dry period in many places. Fog formed at times during the month and was sometimes persistent on coasts.

Wind

Winds were mainly light and were only very occasionally fresh or strong in exposed places. There were no reports of gales. Directions were generally between west and north-west at first, becoming variable as speeds became light after the first few days. East coasts were affected by north-easterlies, however, and these spread to much of England and Wales during the third week. Most districts had east to south-east winds by the 22nd, but speeds became light again and directions variable before north to north-easterlies reached all areas on the 27th. Winds became south-westerly at the very end of the month. Sea-breezes occurred fairly frequently during the first three weeks.

Temperature

Monthly mean temperatures were above average in all districts. They exceeded the normal by a little over 2 degC in some western parts of the United Kingdom, in the London area and in places on the south coast, but were between 0 and 1 degC along much of the eastern coastal strip of England and Scotland. Elsewhere, mean values were mainly between 1 and 2 degC above average. The month started with an unusually cold night (31 July/1 August). This was the coldest night of the month over most of England and Wales and temperatures fell below 0 °C at a few places. Ground frost was reported from

several stations. After the first few days it was often very warm and although some eastern coasts remained rather cool, many districts became very hot from the 23rd to the 26th. The temperature reached 32.5 °C at North Heath (West Sussex) and Harrow Weald (Greater London) on the 25th and 26th respectively and in Wales, Hawarden Bridge (Clwyd) recorded 30.3 °C on the 25th. The highest temperature recorded in Scotland and in Northern Ireland was 29.5 °C. The very warm weather ended on the 27th and the rest of the month was cooler.

Rainfall

Except in a narrow band extending from Norfolk into the Midlands rainfall was below average almost everywhere. Much of Scotland, Northern Ireland, northern England, Wales and parts of southern England had well below a quarter of the normal August rainfall for these areas and some districts were exceptionally dry. In Wales no rain fell in the Llyn Peninsula and in parts of Dyfed. In Scotland it was the second driest August since records began in 1869 and in Northern Ireland the driest this century. Occasional rain and scattered thunderstorms affected many areas during the first few days. At Marham (Norfolk) 17 mm fell in less than one hour during a thunderstorm on the 3rd and a cruiser moored on the Norfolk Broads was struck by lightning. Rainfall amounts were small in the south, where it became generally dry, but rain fell at times elsewhere. From mid month until the 26th it was dry almost everywhere, but from the 27th onwards many parts of England and Wales had rain or thunderstorms and there was also some rain farther north. A number of places in southern, central and eastern England recorded totals exceeding 50 mm on the 'rainfall days' (the 24 hours from 09 GMT) of the 29th and 30th. Several 'noteworthy' falls occurred: among these were 39.5 mm at Princetown (Devon) in 1 hour 24 minutes from 1206 GMT on the 29th and 69.9 mm at Spalding (Lincolnshire) in 9 hours from 1542 GMT on the 30th.

Sunshine

Sunshine was well above average everywhere. Monthly totals were generally between 130 and 150 per cent of the normal in some coastal districts of eastern Scotland, in most of East Anglia and the Midlands, and in the Channel Islands. Monthly totals were mostly above 150 per cent of average elsewhere and exceeded 180 per cent in parts of Northern Ireland and western Scotland. Most districts had long sunny periods during the first half of the month, but it became exceptionally sunny from around mid month until the 26th. This was the sunniest August in Northern Ireland this century, in most of Scotland and parts of north-west England and Wales since 1947 and in many places in England since their records began, which in some cases was before the turn of the century. In south and south-west England several places recorded over 330 hours of sunshine exceeding the previous highest total for August of 325 hours in Guernsey in 1899. In Northern Ireland Aldergrove (Co. Antrim) recorded 275.8 hours (201 per cent of average) and the total of 250.5 hours at Stornoway on the Isle of Lewis was the highest there for August since 1899.

Fog

Patches of overnight fog, which usually cleared soon after sunrise, formed locally in inland districts throughout the month. South-east England, East Anglia and the Midlands were the areas most frequently affected, but fog was also reported in the Forth and Clyde valleys. Fog was sometimes slower to clear on coasts, particularly in the Northern Isles, along the coasts of eastern Scotland and north-eastern England and, on the 24th and 25th, in south-west England. Hill fog was occasionally reported.

Miscellaneous Phenomena

The aurora was observed in Scotland on one night.

Table 1 District values

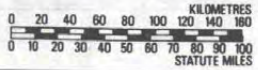
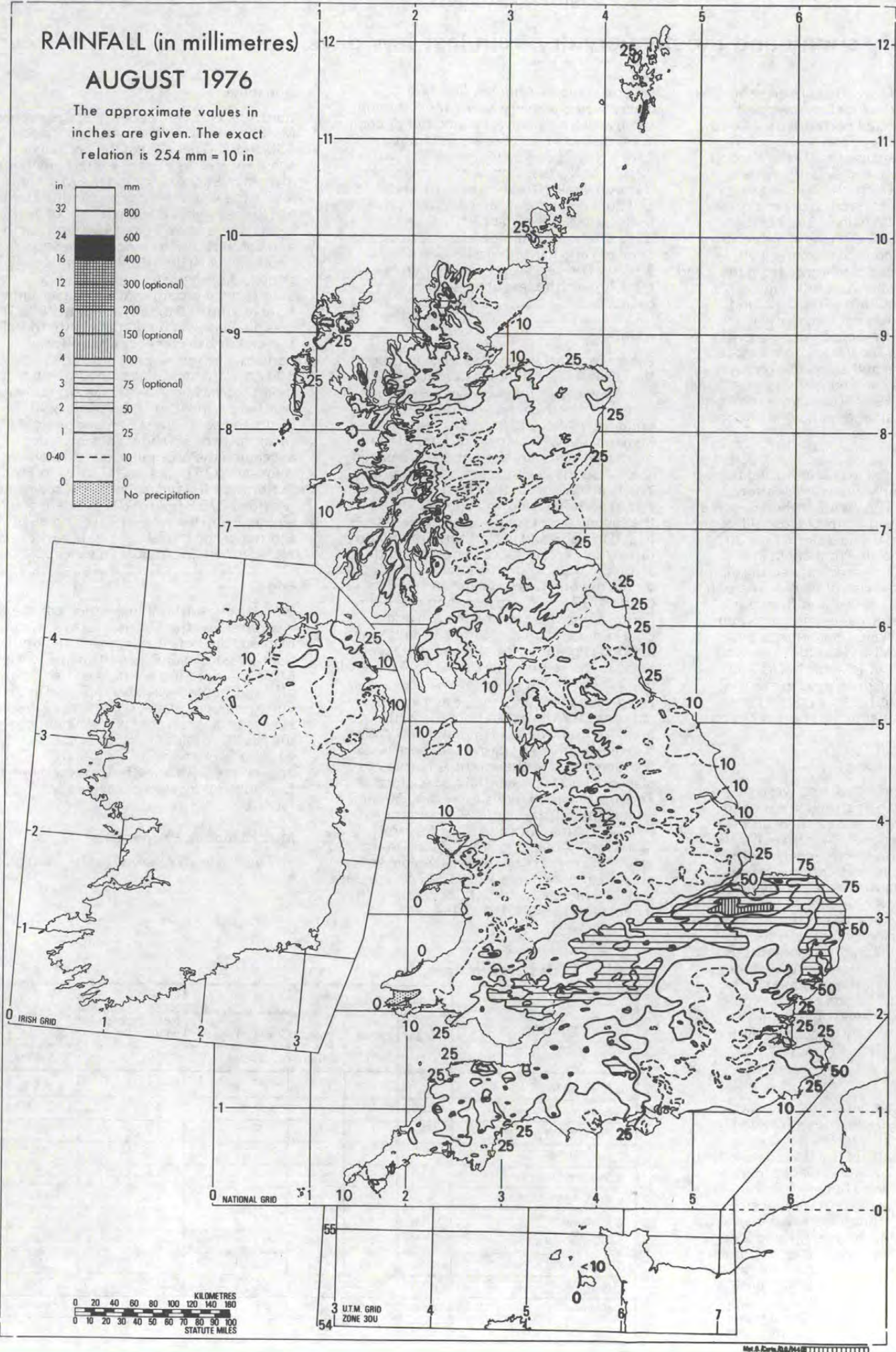
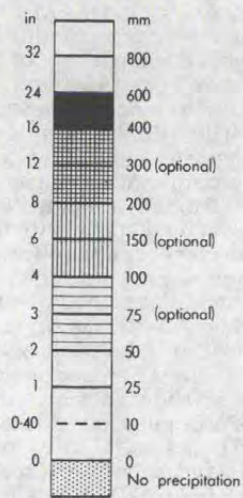
District	air temperature °C					mean 30-cm earth temp °C	rain- days	rainfall	sun- shine
	Highest	Lowest	max.	min.	mean				
	Max.*	Min.*	% of average						
0 Scotland N	26.8	3.0	+2.4	0.0	+1.2	+0.4	-11	16	172
1 Scotland E	27.6	1.1	+2.5	+0.4	+1.3	+1.2	-11	26	155
2 England E & NE	29.2	1.5	+1.7	+0.1	+0.9	+1.2	-10	29	153
3 East Anglia	30.0	3.1	+1.8	+0.5	+1.2	+1.5	-8	67	145
4 Midland Counties	30.0	4.0	+3.4	-0.2	+1.6	+1.6	-12	37	145
5 England SE & Central S	30.1	3.6	+3.4	+0.1	+1.7	+1.8	-11	29	154
6 Scotland W	28.6	3.0	+3.1	-0.7	+1.3	+1.1	-12	16	166
7 England NW & Wales N	30.3	4.9	+3.8	+0.2	+2.0	+0.3	-12	11	157
8 England SW & Wales S	30.0	4.6	+3.5	+0.3	+1.9	+2.1	-13	29	159
N Ireland	27.3	3.0	+3.5	-0.5	+1.5	+1.4	-13	15	178
Scotland	28.6	1.1	+2.7	-0.1	+1.3	+0.9	-11	19	164
England & Wales	30.3	1.5	+2.9	+0.2	+1.5	+1.4	-11	34	152

* Highest maximum and lowest minimum of District Value Stations.

RAINFALL (in millimetres)

AUGUST 1976

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



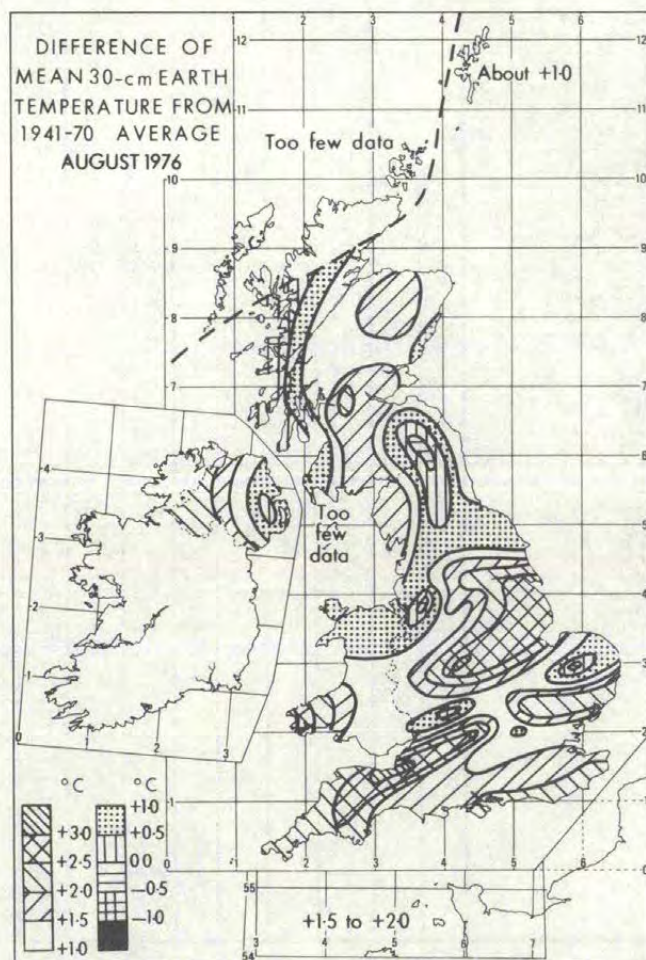
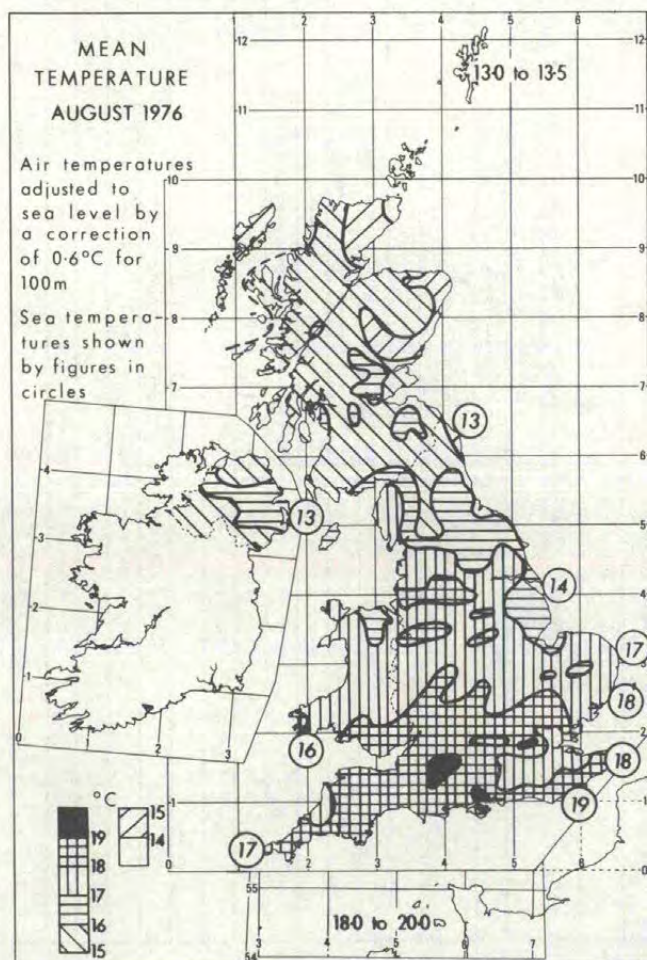
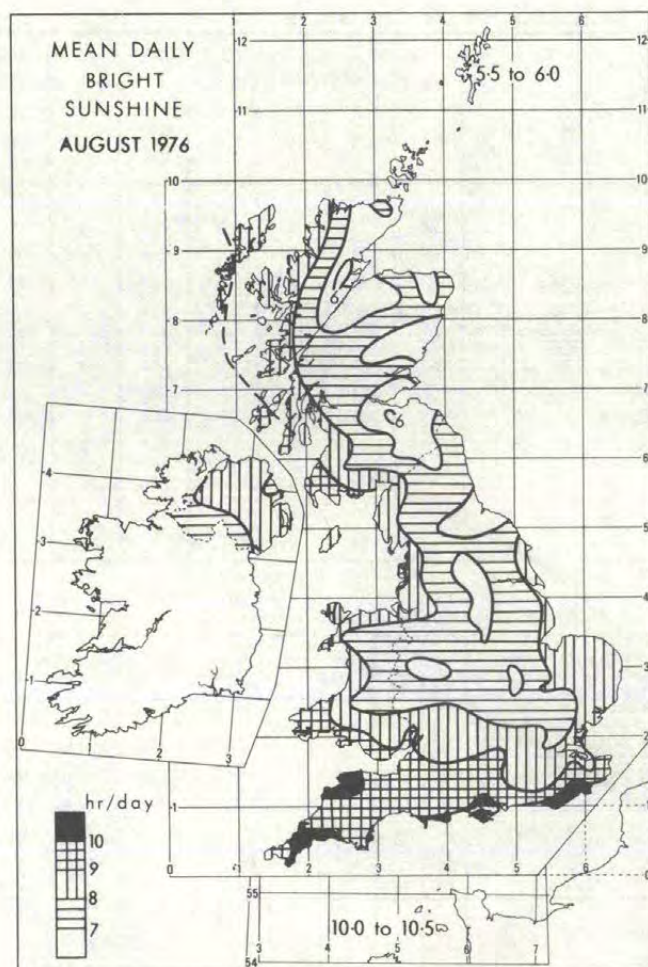
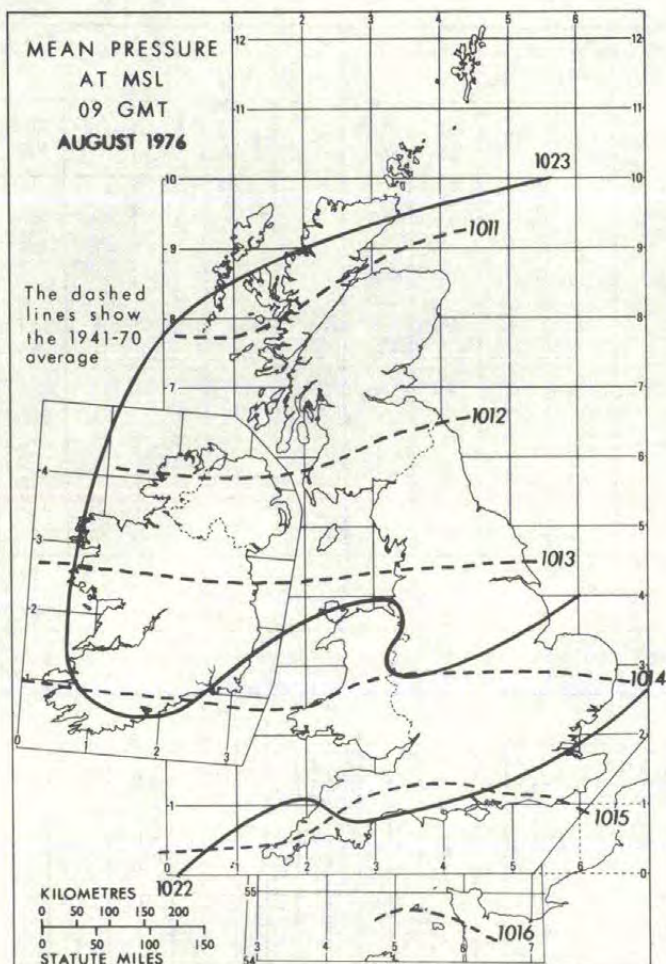


TABLE 2 SOLAR RADIATION AND ILLUMINATION

AUGUST 1976

STATION	TOTAL RADIATION ON A HORIZONTAL SURFACE (MILLIWATT-HOURS PER SQUARE CENTIMETRE)						DIFFUSE RADIATION ON A HORIZONTAL SURFACE (MILLIWATT-HOURS PER SQUARE CENTIMETRE)						TOTAL ILLUMINATION ON A HORIZONTAL SURFACE (KILOLUX-HOURS)					
	MAX.	DATE	MIN.	DATE	DAILY MEAN	NO. OF DAYS	MAX.	DATE	MIN.	DATE	DAILY MEAN	NO. OF DAYS	MAX.	DATE	MIN.	DATE	DAILY MEAN	NO. OF DAYS
LERWICK	666	3	138	28	389.7	31	323	9	99	14	225.5	31	812	14	185	28.29	486.6	31
ESKDALEUIR	613	8	155	12	433.3	31	405	11	89	24	215.4	31	767	8	193	12	539.4	31
CARDINGTON	627	22	153	30	476.7	31	321	9	110	23	233.4	31						
ABERPORTH																		
LONDON WEATHER CENTRE	623	22	205	30	461.5	29	300	7	104	23	213.2	29	777	22	281	29	582.1	29
KEW	627	22	186	29	469.1	30	319	7	107	23	221.5	30	777	23	237	29	567.9	30
BRACKNELL	655	1	237	29	490.5	31	331	9	98	23	232.1	31	819	1	309	29	617.2	31
ALDERGROVE	725	13	191	29	483.5	31	332	6	132	15	213.1	31	810	13	223	29	561.0	31
JERSEY	756	5	219	29	565.0	31	346	9	114	5	223.2	31	944	4	299	29	714.1	31

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

AUGUST 1976

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 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	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)			MAX.	DATE	MIN.	DATE																						
0 SCOTLAND N																																
SHEPHERD																																
BALASOUND ...	9 9	24	16.2	10.1	13.1	+1.0	19.9	8	6.0	3.31	12.4	-	16	22	6	4	9	6	0	0	0	0	1	0	-	-	1	6.15	161	-	-	
LERWICK	21 9	82																														
PSYCHROMETER ...			15.0	10.0	12.5	-	18.5	18.19	5.2	3			25	-	7	4	10	8	0	0	0	0	4	0	0	0	0	5.33	143	-	-	
SCREEN ...			15.2	10.2	12.7	+0.8	19.1	18	5.8	3.31																						
ORKNEY																																
KIRKWALL AIRPORT	21-9	26	17.2	10.3	13.7	+1.0	22.7	20	4.9	3			19	25	8	12	8	4	0	0	0	0	2	0	0	0	0	6.69	164	-	-	
WESTERN ISLES																																
BENBECULA ...	21-9	6	18.6	11.1	14.9	+1.5	22.9	17	7.5	14			27	-	14	11	6	6	0	0	0	0	0	0	0	1	0	9.18	187	-	-	
SCALPAY ...	9 9	18																														
STORNOWAY	21-9	3	18.1	10.0	14.1	+1.2	23.0	21	5.8	13			16	-	7	11	6	3	0	0	0	0	0	0	0	0	0	8.08	186	-	-	
HIGHLAND																																
ACHNASHELLACH	9 9	67	21.3	9.5	15.4	+2.1	26.8	21	4.3	31			41	26	181	1	10	6	-	-	-	-	0	0	-	-	-	-	-	-	-	-
BALMACARA	9 9	4	20.0	10.7	15.3		25.3	21	7.3	31			19	15	8	2	4	3	0	0	0	0	2	0	0	0	0	8.08	-	-	-	-
CAPE WRATH	21-9	112	16.4	12.5	14.5	+2.2	23.3	21	8.0	1			22	22	4	4	11	7	0	0	0	0	2	0	0	0	0	-	-	-	-	-
CORPACH	9 9	8	22.4	9.7	16.1		27.8	19	5.0	31			25	-	13	1	5	4	0	0	0	0	2	0	0	0	0	-	-	-	-	-
CRAIGGARROCH	9 9	38	22.3	8.6	15.5		28.8	25	3.0	13			11	-	5	2	5	3	0	0	0	0	0	0	2	0	0	5.65	-	-	-	-
DALWHINNIE	9 9	351	19.6	7.0	13.3		25.5	19.25	2.5	3			3	-	3	12	1	1	0	0	0	0	5	0	0	0	0	7.39	-	-	-	-
DOUNREAY	9 9	21	19.2	10.1	14.7		26.5	21	5.1	31			11	14	5	12	7	4	0	0	0	0	0	0	0	0	0	7.52	-	-	-	-
FORTROSE	9 9	5	18.3	12.2	15.3	+1.3	24.5	25	9.0	1.13.31			25	31	101	12	8	6	0	0	0	0	0	0	0	0	0	6.60	163	-	-	-
GLENMORE LODGE	9 9	341	19.5	6.9	13.2		25.9	25	2.5	13			13	12	5	12	7	5	0	0	0	0	0	0	0	0	0	6.85	-	-	-	-
GRANTOWN-ON-SPEY	9 9	229	20.8	6.6	13.7		27.2	25	2.1	23			15	-	6	2	9	4	0	0	0	0	0	0	0	0	0	6.65	-	-	-	-
HEARST	9 9	109	19.1	10.2	14.7		25.3	24	6.5	31			29	-	9	4	8	6	0	0	0	0	0	0	0	0	0	-	-	-	-	-
ISLE OF RHUM	9 9	5	20.1	9.2	14.7		24.6	21	5.8	13	15.9	14.5	23	11	9	1	8	6	0	0	0	0	0	0	0	0	0	-	-	-	-	-
KEISS	9 9	30	17.0	9.7	13.3		21.6	25	3.3	31	14.7	13.7	19	-	10	12	10	3	0	0	0	0	5	0	0	0	0	6.57	-	-	-	-
KINLOCHWE	9 9	23	21.3	9.1	15.2		27.8	23	3.1	13			25	17	9	2	8	6	-	-	-	-	0	0	3	-	-	-	-	-	-	-
KNOCKANROCK	9 9	244	18.6	10.4	14.5		(25.0)	24	6.0	13			43	29	17	1	11	7	0	0	0	0	1	0	1	0	0	-	-	-	-	-
LAGGANLIA	9 9	250	20.7	5.4	13.1		27.2	25	0.0	17.24			12	-	6	2	4	3	0	0	0	0	0	0	9	0	0	-	-	-	-	-
LAIRG	9 9	91	20.4	7.7	14.1		26.3	20	1.7	13	13.8	11.9	11	-	4	1	7	3	0	0	0	0	1	0	2	0	0	-	-	-	-	-
LENTAN	9 9	146	20.6	9.0	14.8		27.2	25	3.6	13			11	-	3	12	7	5	0	0	0	0	2	0	0	0	0	-	-	-	-	-
LOCH BICH	9 9	37	22.1	9.1	15.6		27.5	20	3.1	31			6	-	2	2	6	2	0	0	0	0	1	0	1	0	0	6.43	-	-	-	-
NAIRN	9 9	6	19.7	10.3	15.0	+1.3	27.3	25	5.7	13			14	17	7	2	8	3	0	0	0	0	0	0	0	0	0	7.11	173	-	-	-
ONICH	9 9	15	20.6	8.3	14.5	+0.8	26.0	17.20.26	3.0	31			18	11	7	1	7	7	-	-	-	-	0	0	0	0	0	7.42	196	-	-	-
POOLEWE	9 9	6	19.8	11.2	15.5		26.0	21	7.0	31			22	-	5	2	10	7	0	0	0	0	0	0	0	0	0	8.59	-	-	-	-
PRABOST	9 9	67	19.7	10.5	15.1		24.6	21.25	6.8	31			20	15	5	1	9	6	0	0	0	0	1	0	0	0	0	8.79	-	-	-	-
RUBH RE	21-9	16	17.5	11.9	14.7		23.0	22	8.7	13			23	-	7	5	10	5	0	0	0	0	0	0	0	0	0	-	-	-	-	-
STRATHCONON	9 9	107	22.0	7.6	14.8		28.2	25	1.4	13			17	-	7	2	6	4	0	0	0	0	0	0	5	0	0	-	-	-	-	-
STRATHY	9 9	37	19.4	9.0	14.2	+1.5	26.5	21	5.5	19			13	15	4	1	8	4	0	0	0	0	0	0	0	0	0	6.85	179	-	-	-
TARBATNESS	21-9	18	18.2	10.9	14.5	+1.1	26.1	25	6.8	13			11	-	8	12	4	3	0	0	0	0	3	0	0	0	0	-	-	-	-	-
TOMATIN	9 9	311	19.9	7.3	13.6		26.1	25	2.9	13			15	-	(8)	2	8	4	0	0	0	0	0	0	0	0	0	-	-	-	-	-
WICK	21-9	36	17.0	9.6	13.3	+0.7	22.9	25	4.4	31			21	28	9	12	11	4	0	0	0	0	4	0	0	0	0	6.91	158	-	-	-

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 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	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	WIND BELOW 100 C	WIND 100-200 C	WIND 200-300 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 SCOTLAND E																																
GRAMPIAN																																
ABERDEEN																																
DYCE AIRPORT ...	21-9	58	20.3	9.7	15.0	+1.7	28.4	25	4.0	1	-	-	35	41	18	28	9	4	0	0	0	0	0	0	0	0	0	0	0	0	6.96	157
MANNOFIELD ...	9-9	16	18.9	10.1	14.5	+1.2	24.8	25	5.6	1	-	-	39	47	14	28	7	5	0	0	0	0	0	0	0	0	0	0	0	0	7.20	158
BALMORAL ...	9-9	283	20.6	6.3	13.5	+1.2	26.8	25	1.7	24	-	-	21	26	11	12	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BANCHORY ...	8-8	77	21.4	9.0	15.2	-	25.5	25	4.6	18	-	-	29	29	11	28	7	6	0	0	0	0	0	0	0	0	0	0	0	0	6.92	159
BANFF ...	9-9	24	18.4	11.9	15.1	-	25.0	21	8.3	1	-	-	38	45	18	12	6	5	0	0	0	0	0	0	0	0	0	0	0	0	6.80	160
BRARMAR ...	9-9	339	20.5	6.3	13.4	+1.1	27.6	25	1.1	24	-	-	20	25	9	12	4	3	0	0	0	0	0	0	0	0	0	0	0	0	7.11	178
CRAIBSTONE ...	9-9	91	19.4	9.8	14.6	+1.5	25.4	25	3.1	1	14.8	13.8	35	40	19	28	9	5	0	0	0	0	0	0	0	0	0	0	0	0	7.41	162
CULTERTY ...	9-9	3	18.4	9.4	13.9	-	22.4	19	3.3	1	-	-	23	33	7	12	11	4	0	0	0	0	0	0	0	0	0	0	0	0	7.11	171
ELGIN ...	9-9	15	20.5	10.1	15.3	-	29.5	20	5.8	31	-	-	24	25	9	12	9	5	0	0	0	0	0	0	0	0	0	0	0	0	7.15	166
FORRES ...	9-9	50	21.0	10.6	15.8	+2.1	27.2	25	7.4	13	16.9	15.6	21	23	13	2	9	3	0	0	0	0	0	0	0	0	0	0	0	0	7.15	166
FRASERBURGH ...	21-9	19	17.6	12.0	14.8	-	22.3	24	7.5	1	-	-	23	33	14	29	8	2	0	0	0	0	0	0	0	0	0	0	0	0	7.30	166
FYFIE CASTLE ...	9-9	55	20.4	9.0	14.7	-	27.5	25	4.0	1,18	-	-	26	30	8	12	12	6	0	0	0	0	0	0	0	0	0	0	0	0	7.30	166
GARTLY ...	9-9	146	20.4	8.7	14.5	-	27.2	25	4.2	18	-	-	26	30	8	12	12	6	0	0	0	0	0	0	0	0	0	0	0	0	7.30	166
GLENLIVET ...	21-9	215	20.6	7.5	14.1	-	27.0	20	2.8	24	-	-	19	17	7	12	12	6	0	0	0	0	0	0	0	0	0	0	0	0	6.62	158
INVERURIE ...	9-9	54	21.2	8.7	14.9	-	29.4	25	5.5	1	-	-	36	-	14	28	7	5	0	0	0	0	0	0	0	0	0	0	0	0	6.87	158
KEITH ...	9-9	106	20.3	8.3	14.3	-	26.4	21	2.9	25	-	-	38	-	14	2	9	4	0	0	0	0	0	0	0	0	0	0	0	0	7.11	158
KINLOSS ...	21-9	5	19.6	10.7	15.7	+1.8	26.5	25	7.1	13	14.6	-	25	29	16	2	9	4	0	0	0	0	0	0	0	0	0	0	0	0	7.03	158
LOSSIEMOUTH ...	21-9	6	20.6	10.2	14.9	-	26.7	11	3.9	13	-	-	16	18	8	12	9	4	0	0	0	0	0	0	0	0	0	0	0	0	7.03	158
STONEHAVEN ...	9-9	4	18.3	9.6	13.9	+0.4	21.0	18	5.1	3	-	-	31	39	20	28	4	4	0	0	0	0	0	0	0	0	0	0	0	0	6.33	140
TAYSIDE																																
ARBROATH ...	9-9	28	18.0	11.3	14.7	-	20.5	5	7.3	18	-	-	24	35	11	28	5	4	0	0	0	0	0	0	0	0	0	0	0	0	6.78	137
ARDALNAIG ...	9-9	130	22.1	9.4	15.7	-	28.0	25	6.1	31	-	-	9	9	5	12	4	3	0	0	0	0	0	0	0	0	0	0	0	0	6.86	137
ASHINTULLY CASTLE ...	9-9	341	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BLAIRGOWRIE ...	9-9	70	21.3	7.4	14.3	-	27.9	25	4.7	18,27	16.2	-	11	15	8	12	5	3	0	0	0	0	0	0	0	0	0	0	0	0	7.14	137
DALL ...	9-9	232	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DRUMMOND CASTLE ...	9-9	113	21.0	9.1	15.1	-	27.3	25	5.9	30	16.3	-	10	-	5	11	5	3	0	0	0	0	0	0	0	0	0	0	0	0	7.09	137
DUNDEE ...	9-9	45	20.5	11.4	15.9	+1.6	25.7	25	8.5	18	16.2	-	11	14	7	12	3	3	0	0	0	0	0	0	0	0	0	0	0	0	6.67	150
FASKALLY ...	9-9	94	21.4	8.7	15.1	-	26.3	26	4.3	13	16.3	15.2	9	10	4	12	5	3	0	0	0	0	0	0	0	0	0	0	0	0	6.67	150
GLENARGLES ...	9-9	152	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KINDROGAN ...	9-9	259	20.0	6.5	13.3	-	26.2	25	2.1	14	-	-	11	-	7	12	4	2	0	0	0	0	0	0	0	0	0	0	0	0	6.67	137
KINROSS ...	9-9	116	18.8	9.0	14.9	-	27.2	25	5.5	19,25	16.5	-	15	-	9	12	6	3	0	0	0	0	0	0	0	0	0	0	0	0	6.86	137
MONTROSE ...	9-9	57	(18.4)	10.2	(14.3)	-	21.5	20	5.9	14	-	-	15	19	7	12	5	3	0	0	0	0	0	0	0	0	0	0	0	0	6.86	137
MYLNEFIELD ...	9-9	30	20.1	11.0	15.5	-	25.8	25	8.5	4	16.2	14.0	13	17	8	12	5	4	0	0	0	0	0	0	0	0	0	0	0	0	7.42	137
PERTH ...	9-9	23	21.7	10.3	16.0	+1.7	28.2	25	7.2	19	-	-	7	9	5	12	3	2	0	0	0	0	0	0	0	0	0	0	0	0	6.67	137
STRATHALLAN ...	9-9	41	21.9	10.2	16.1	-	27.7	25	6.9	20	-	-	9	-	6	12	5	3	0	0	0	0	0	0	0	0	0	0	0	0	6.67	137
USAN ...	21-9	30	17.9	11.0	14.5	-	20.5	4	7.4	18	-	-	15	-	5	12	6	4	0	0	0	0	0	0	0	0	0	0	0	0	6.20	137
WHITEHILLOCKS ...	9-9	258	20.3	7.4	13.9	-	26.5	25	2.5	24	-	-	28	26	13	12	6	6	0	0	0	0	0	0	0	0	0	0	0	0	6.20	137
FIFE																																
BELLISTON ...	9-9	82	19.1	10.9	15.1	-	25.3	25	7.7	1	16.2	-	12	13	8	12	5	2	0	0	0	0	0	0	0	0	0	0	0	0	6.67	137
CUPPARELMWOOD ...	9-9	36	21.1	9.7	15.4	-	27.4	25	6.0	4	16.7	-	13	-	8	12	4	3	0	0	0	0	0	0	0	0	0	0	0	0	6.88	137
GLENROTHES (GLENWOOD) ...	9-9	117	19.6	9.9	14.7	-	25.7	25	7.0	13	-	-	14	-	10	12	5	4	0	0	0	0	0	0	0	0	0	0	0	0	6.74	137
LEUCHARS ...	21-9	10	19.5	10.4	14.9	+0.8	25.5	25	7.0	27	-	-	11	15	7	12	4	3	0	0	0	0	0	0	0	0	0	0	0	0	7.02	144
PITREAVIE ...	21-9	40	20.2	10.9	15.5	-	27.7	25	8.0	13	-	-	17	22	9	12	6	4	0	0	0	0	0	0	0	0	0	0	0	0	6.67	137
ST ANDREWS ...	9-9	18	20.0	10.6	15.3	-	27.1	25	8.0(1)	19	16.6	14.8	9	12	6	12	4	3	0	0	0	0	0	0	0	0	0	0	0	0	7.06	137
LOTHIAN																																
BLACKBURN SEWAGE WORKS ...	9-9	131	20.8	8.2	14.5	-	27.0	25	4.5	19,23	-	-	18	-	7	12	6	4	0	0	0	0	0	0	0	0	0	0	0	0	6.48	137
BUSH HOUSE ...	9-9	184	19.5	9.1	14.3	-	(25.5)	21	5.7	25	15.6	-	14.7	27	13	28	6	4	0	0	0	0	0	0	0	0	0	0	0	0	5.76	137
DUNBAR ...	9-9	23	18.3	11.5	14.9	+0.8	23.0	25	7.4	19	-	-	22	30	10	28	7	3	0	0	0	0	0	0	0	0	0	0	0	0	6.27	119
EDINBURGH																																
EAST CRAIGS ...	9-9	61	20.1	10.4	15.3	-	26.2	25	6.9	23	15.9	-	22	-	11	12	4	3	0	0	0	0	0	0	0	0	0	0	0	0	6.37	137
ROYAL BOTANIC GARDEN ...	9-9	26	19.8	11.0	15.4	+1.0	26.5	25	7.5	19	16.5	-	22	29	12	12	4	3	0	0	0	0	0	0	0	0	0	0	0	0	6.41	135
ROYAL OBSERVATORY ...	9-9	134	20.2	11.3	15.7	+1.5	26.2	25	8.6	1	-	-	25	29	11	12	5	4	0	0	0	0	0	0	0	0	0	0	0	0	6.38	137
BLACKFORD HILL ...	21-9	35	20.2	10.2	15.2	+1.1	27.4	25	6.1	19	-	-	22	26	10	12	5	4	0	0	0	0	0	0	0	0	0	0	0	0	6.30	143
TURNHOUSE AIRPORT ...	9-9	49	20.7	9.7	15.2	-	26.6	25	5.6	1,19,25	-	-	36	45	14	28	5	5	0	0	0	0	0	0	0	0	0	0	0	0	6.21	137
HADDINGTON ...	9-9	125</																														

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

AUGUST 1976

DISTRICT REGION/COUNTY AND PLACE	MAX. TERMINAL (HGT) MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C								MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL H 09 GMT)		WEATHER (NUMBER OF DAYS)												BRIGHT SUNSHINE					
			MEANS OF			DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		30 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	SEAS FROST	CONCRETE MIN. BELOW 0 DEG C	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE
			MAX. (A)	MIN. (B)	MAX.			DATE	MIN.	DATE	0.2 MM OR MORE							1.0 MM OR MORE														
6 SCOTLAND W																																
STRATHCLYDE																																
ACHAHLACHACH	9 9	12	21.5	9.3	15.4	-	27.3	25	5.3	13.14	-	-	29	21	10	2	10	6	0	0	0	0	0	0	0	0	0	0	-	-	-	-
ARDS	9 9	37	21.0	9.0	15.0	-	25.6	25	5.3	14	-	-	25	10	1	1	6	5	0	0	0	0	0	0	0	0	0	0	-	-	-	-
AUCHINCRAIVE	9 9	45	21.1	10.1	15.6	+1.4	26.9	21	7.1	31	15.2	14.1	18	19	6	1	7	5	0	0	0	0	0	0	0	0	0	0	8.41	176	-	-
BARRHEAD	9 9	30	21.7	9.3	15.5	-	27.5	25	5.7	13	-	-	5	5	2	11	5	3	0	0	0	0	0	0	0	0	0	0	-	-	-	-
BENMORE (YOUNGER)																																
BOTANIC GARDEN	9 9	12	21.1	9.8	15.5	-	27.4	25	6.9	13	-	-	28	15	11	1	8	6	0	0	0	0	0	0	0	0	0	0	-	-	-	-
BRODICK CASTLE	9 9	15	21.2	9.5	15.3	-	25.8	19	7.0	31	17.4	-	31	20	10	1	9	6	0	0	0	0	0	0	0	0	0	0	-	-	-	-
CAMPS RESERVOIR	9 9	295	19.1	7.5	13.3	-	25.4	25	1.5	18	-	-	27	25	12	12	6	4	0	0	0	0	0	0	0	0	0	0	7.65	-	-	-
CARNWATH	9 9	208	20.6	6.4	13.5	-	26.7	25	0.7	19	14.4	-	19	22	10	12	6	3	0	0	0	0	0	0	0	0	0	0	-	-	-	-
COLONSAY	9 9	35	19.9	11.1	15.5	-	24.7	25	7.0	14	-	-	19	-	9	2	7	4	0	0	0	0	0	0	0	0	0	0	-	-	-	-
CRAWFORD JOHN	9 9	274	19.9	6.9	13.4	-	26.0	25	2.6	19	14.4	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0	0	7.32	-	-	-
CUMBERNAULD	9 9	94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CUMNOCK	9 9	99	21.1	9.3	15.2	-	28.0	25	5.6	31	-	-	22	-	7	2	8	6	0	0	0	0	0	0	0	0	0	0	8.42	-	-	-
DUNSTAFFRAE	9 9	3	20.5	10.1	15.3	-	25.2	21	6.3	31	-	-	15	-	5	1	6	4	0	0	0	0	0	0	0	0	0	0	-	-	-	-
EAST KILBRIDE	9 9	178	20.5	9.7	15.1	-	26.8	25	6.0	13	-	-	12	-	4	28	7	4	0	0	0	0	0	0	0	0	0	0	7.57	-	-	-
FINNART	9 9	15	20.8	10.3	15.5	-	26.2	25	6.5	1	-	-	21	14	10	12	5	4	0	0	0	0	0	0	0	0	0	0	-	-	-	-
GIRVAN	9 9	8	20.8	10.6	15.7	-	25.5	22	7.9	8	-	-	17	23	5	1	9	4	0	0	0	0	0	0	0	0	0	0	8.85	-	-	-
GLASGOW																																
ABBOTSLINCH AIRPORT	21-9	5	21.9	9.3	15.6	+1.1	27.9	25	4.9	15	-	-	12	-	7	11	5	2	0	0	0	0	0	0	0	0	0	0	7.08	154	-	-
SPRINGBURN PARK	9 9	107	21.4	10.7	16.1	+1.8	27.6	25	7.4	24	-	-	9	8	2	1	6	5	0	0	0	0	0	0	0	0	0	0	7.14	170	-	-
WEATHER CENTRE (X)	21-9	40	21.9	12.4	17.1	-	28.3	25	10.0	13	-	-	7	-	2	11.12	5	3	0	0	0	0	0	0	0	0	0	0	7.25	-	-	-
GLENBRANTER	9 9	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GREENOCK	9 9	61	-	-	-	-	-	-	-	-	-	-	13	11	6	12	6	4	-	-	-	-	-	-	-	-	-	-	7.75	168	-	-
HELENSBURGH	9 9	89	20.0	10.4	15.2	+1.1	26.1	25	7.2	13	-	-	13	11	7	12	6	4	0	0	0	0	0	0	0	0	0	0	7.53	-	-	-
KNAPDALE FOREST	9 9	40	20.4	8.7	14.5	-	26.5	25	4.7	16.31	-	-	31	-	11	1	8	6	0	0	0	0	0	0	0	0	0	0	-	-	-	-
LANARK	9 9	152	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.73	-	-	-
LEARNHILL	9 9	388	18.8	7.9	13.3	-	25.0	25	5.0	19	-	-	30	22	13	12	6	5	0	0	0	0	0	0	0	0	0	0	-	-	-	-
MACRITHANISH	21-9	10	19.5	11.0	15.3	-	24.6	23	6.4	14	-	-	14	14	4	6.11	7	4	0	0	0	0	0	0	0	0	0	0	9.08	-	-	-
MILLPORT	9 9	5	20.4	11.9	16.1	-	25.4	20.25	9.2	4.13	-	-	13	13	6	12	3	3	0	0	0	0	0	0	0	0	0	0	-	-	-	-
PAISLEY	9 9	32	22.1	11.5	16.8	+1.9	28.2	25	8.9	13	17.8	15.4	9	9	4	11	7	2	0	0	0	0	0	0	0	0	0	0	6.73	151	-	-
PRESTWICK	21-9	16	21.5	9.7	15.6	-	26.4	23	6.9	30.31	-	-	19	20	6	1	7	5	0	0	0	0	0	0	0	0	0	0	8.58	-	-	-
RHUVAAL	21-9	20	18.6	12.3	15.5	-	23.5	18	9.8	14	-	-	19	18	7	2	8	5	0	0	0	0	0	0	0	0	0	0	-	-	-	-
ROTHESAY	9 9	43	21.3	11.9	16.6	-	28.0	25	8.5	31	14.9	13.7	23	19	6	2	8	4	0	0	0	0	0	0	0	0	0	0	-	-	-	-
SLOY	21-9	12	21.1	10.2	15.7	-	25.7	25	6.4	31	-	-	19	-	7	12	6	4	0	0	0	0	0	0	0	0	0	0	-	-	-	-
STRONACHULLIN	9 9	2	20.2	10.3	15.3	-	25.7	25	7.4	14	-	-	25	-	9	2	7	4	0	0	0	0	0	0	0	0	0	0	-	-	-	-
TREE	21-9	9	18.4	11.3	14.9	+1.3	23.5	25	7.3	14	-	-	11	13	4	2	6	4	0	0	0	0	0	0	0	0	0	0	8.70	164	-	-
CENTRAL																																
ARROCHMORE	9 9	30	21.3	9.9	15.6	-	27.3	25	6.0	13	-	-	12	-	7	12	6	4	-	-	-	0	0	0	0	0	0	0	7.05	-	-	-
CALLANDER	9 9	107	21.5	8.8	15.1	-	27.6	25	4.0	3	-	-	13	10	6	12	8	3	0	0	0	0	0	0	0	0	0	0	-	-	-	-
EARLS HILL	21-9	335	18.6	9.8	14.2	-	24.5	25	5.2	1	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0	0	0	7.13	-	-	-
FALKIRK (SEWAGE WORKS)	9 9	3	20.5	10.6	15.5	-	27.5	25	6.2	13	-	-	13	-	5	12	6	3	-	-	-	0	0	0	0	0	0	0	6.23	-	-	-
GRANGEMOUTH																																
B.P. REFINERY	9 9	2	21.1	11.3	16.2	-	27.9	25	8.2	14.19	-	-	9	-	3	12	6	4	-	-	-	0	0	0	0	0	0	0	-	-	-	-
PARKHEAD	9 9	107	21.6	9.6	15.6	-	28.1	25	4.8	25	16.8	-	8	-	3	12	8	2	-	-	-	0	0	0	0	0	0	0	-	-	-	-
STIRLING (BATTERFLATS)	9 9	38	22.1	9.8	15.9	-	28.7	25	6.0	13	17.0	15.7	6	-	3	12	6	2	0	0	0	0	0	0	0							

[illegible]

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

AUGUST 1976

DISTRICT REGION/COUNTY AND PLACE	MAX. MIN.	TERMINAL HEIGHT OF STATION OF OBSERVATION (METRES)	AIR TEMPERATURE IN DEGREES C								MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL H 09 GMT)		WEATHER (NUMBER OF DAYS)										BRIGHT SUNSHINE									
			MEANS OF		DAILY MEAN (MEAN OF A-B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY	PRECIP- ITATION	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	22.0	11.3	16.7	+1.8	27.0	25	5.5	1	16.6	15.8	17	19	15	28	4	2	0	0	0	0	0	0	0	0	0	0	0	6.74	142	5	-	
BRAMHAM ...	9 9	54	23.1	9.8	16.5	-	27.9	25	4.3	1	-	-	16	21	11	28	4	2	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	
HUDDESFIELD																																		
DAKES ...	21-9	232	22.8	11.2	17.0	+2.3	28.0	25	7.2	1	15.6	13.5	17	18	8	28	8	4	0	0	0	0	2	0	0	0	0	0	0	7.08	152	-	-	
RAVENSKNOLLE ...	9 9	99	22.9	11.1	17.0	+1.7	28.1	25	8.1	26.27	17.7	16.9	16	19	10	28	4	2	0	0	0	0	1	0	0	0	0	0	0	7.19	163	-	-	
ILKLEY ...	9 9	83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TODMORDEN ...	9 9	160	21.9	10.3	16.1	-	27.4	25	6.2	1	-	-	34	-	24	28	6	4	0	0	0	0	1	0	0	0	0	0	0	-	-	-	-	
PONTEFRAC ...	9 9	78	22.6	11.8	17.2	+1.9	27.7	25	7.6	1	-	-	23	32	11	28	4	4	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	
WILSDEN ...	9 9	262	21.4	10.3	15.9	-	26.7	25	6.5	1	-	-	39	-	28	28	6	4	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	
SOUTH YORKSHIRE																																		
FINNINGLEY ...	21-9	10	23.9	10.8	17.3	-	28.8	25	5.1	1	-	-	12	19	6	3	4	3	0	0	0	0	2	1	0	0	0	0	0	6.89	-	-	-	-
SHEFFIELD ...	9 9	131	23.0	(11.9)	(17.5)	(+1.8)	28.1	25	(8.0)	10	16.9	16.3	17	23	17	28	1	1	0	0	0	0	0	0	0	0	0	0	0	6.95	152	-	-	
DERBYSHIRE																																		
ASHOVER ...	9 9	178	22.8	11.0	16.9	-	28.1	25	6.6	1	-	-	5	-	4	28	2	1	0	0	0	0	0	0	0	0	0	0	0	7.46	-	-	-	-
BUXTON ...	9 9	307	20.8	9.8	15.3	+1.6	25.9	25	6.6	1	16.3	16.9	24	21	13	28	5	5	0	0	0	0	0	0	0	0	0	0	0	7.11	159	5	-	
DERBY ...	9 9	48	23.7	11.8	17.7	-	28.7	25	7.4	1	-	-	3	5	3	28	2	2	0	0	0	0	0	2	0	0	0	0	0	0	7.12	-	-	-
MORLEY ...	9 9	107	-	-	-	-	-	-	-	-	-	-	11	16	10	29	3	2	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	
WINGERWORTH ...	9 9	126	22.9	8.6	15.7	-	27.9	25	2.6	1	16.2	-	4	-	4	28	1	1	0	0	0	0	0	0	0	0	0	0	0	6.69	-	-	-	-
NOTTINGHAMSHIRE																																		
MANSFIELD ...	9 9	114	23.0	11.2	17.1	+1.6	28.0	25	8.0	1	-	-	3	-	2	28	4	1	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	
NEWTHORPE ...	9 9	58	23.4	10.3	16.9	-	28.0	25	3.3	1	-	-	7	-	7	28	1	1	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	
NOTTINGHAM ...	9 9	59	23.3	12.8	18.1	+2.0	28.0	24.25	7.0	1	19.0	17.8	6	9	3	28	3	2	0	0	0	0	0	0	0	0	0	0	0	6.16	131	-	-	
SUTTON BONINGTON ...	9 9	48	23.5	10.5	17.0	+1.5	28.4	25	6.0	1	17.4	16.3	7	11	3	28	5	2	0	0	0	0	0	0	0	0	0	0	0	7.16	144	-	-	
WARSOP ...	9 9	46	23.6	8.3	15.9	-	28.3	25	2.7	1	-	-	5	7	5	28	1	1	0	0	0	0	0	0	0	0	0	0	0	6.45	-	-	-	-
WATNALL ...	21-9	117	23.4	11.7	17.5	+2.0	28.8	25	6.0	1	-	-	6	8	6	28	1	1	0	0	0	0	0	0	0	0	0	0	0	7.09	146	-	-	
STAFFORDSHIRE																																		
KEELE ...	9 9	179	22.3	11.9	17.1	-	27.8	25	5.7	1	16.6	14.8	5	6	4	28	4	1	0	0	0	0	0	0	0	0	0	0	0	7.31	-	5	-	
DAKEN ...	9 9	125	23.4	10.6	17.0	+1.9	28.8	25	6.0	1	16.7	-	24	31	11	28	4	3	0	0	0	0	0	0	0	0	0	0	0	-	-	-	5	-
PENKRIDGE ...	9 9	101	-	9.5	-	-	-	-	3.5	1.2	-	-	16	22	5	28	4	4	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	-
STONE ...	9 9	107	23.0	10.7	16.9	-	28.1	25	3.9	1	-	-	6	8	5	28	4	1	0	0	0	0	0	0	0	0	0	0	0	7.24	-	-	-	-
LEICESTERSHIRE																																		
CALDECOTT ...	9 9	52	23.3	9.4	16.3	-	28.5	25	2.8	1	-	-	75	128	57	30	4	3	0	0	0	0	2	1	0	0	0	0	0	6.97	-	-	-	-
NEWTOWN LINCOLN ...	9 9	119	23.4	10.7	17.1	-	28.8	25	4.2	1	-	-	29	41	18	30	4	4	0	0	0	0	0	0	0	0	0	0	0	7.17	-	-	-	-
SALOP																																		
NEWPORT ...	9 9	64	23.8	9.7	16.7	+1.6	29.0	25	2.9	1	-	-	15	21	9	28	5	4	0	0	0	0	0	0	0	0	0	0	0	7.65	158	-	-	
OSMESTRY ...	9 9	174	22.5	12.1	17.3	+2.4	28.2	25	6.5	1	-	-	5	6	3	28	2	2	0	0	0	0	0	0	0	0	0	0	0	7.35	148	5	-	
SHAWBURY ...	21-9	72	23.8	9.9	16.9	+1.6	29.2	25	4.0	1	-	-	11	15	7	28	4	3	0	0	0	0	0	0	0	0	0	0	0	7.15	143	-	-	
SHREWSBURY ...	9 9	56	23.3	10.8	17.1	+1.4	28.8	24	6.6	10	19.0	18.4	10	15	6	29	3	2	0	0	0	0	0	0	0	0	0	0	0	6.79	136	-	-	
WEST MIDLANDS																																		
BIRMINGHAM																																		
EDGBASTON ...	21-9	163	23.1	12.6	17.9	+2.2	28.8	25	8.4	1	16.6	-	62	79	29	30	3	3	0	0	0	0	0	0	0	0	0	0	0	7.19	148	-	-	
ELMDON AIRPORT ...	21-9	96	23.3	10.1	16.7	+1.2	28.9	25	5.8	10	-	-	52	-	27	30	4	3	0	0	0	0	0	0	0	0	0	0	0	7.20	138	-	-	
KING EDWARD SCHOOL ...	9 9	137	22.7	12.0	17.3	-	28.3	25	7.6	1	-	-	58	79	27	30	3	3	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	-
COVENTRY AIRPORT ...	9 9	81	23.4	-	-	-	28.9	24.25	-	-	17.1	16.0	61	-	29	30	3	3	0	0	0	0	0	0	0	0	0	0	0	7.23	-	-	-	-
WARWICKSHICK																																		

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DISTRICT REGION/COUNTY AND PLACE	MAX. TERMINAL H (GMT) MIN.	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C								MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL H 09 GMT)		WEATHER (NUMBER OF DAYS)												BRIGHT SUNSHINE				
			MEANS OF		DAILY MEAN (MEAN OF A-B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY	PRECIP- ITATION		SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS-ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS MIN. BELOW 0 DEG C	CONCRETE MIN. BELOW 0 DEG C	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE	
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE						0.2 MM OR MORE	1.0 MM OR MORE														
5 ENGLAND SE 4 CENTRAL S. GREATER LONDON																															
BROMLEY ...	9 9	65	24.2	11.8	18.0	+1.2	30.0	25	8.5	1	-	-	9	15	6	28	3	3	-	0	0	0	0	0	0	0	0	0	0	0	0
ENFIELD ...	9 9	17	25.1	13.8	19.5	-	30.3	24	7.8	1	19.3	16.5	16	13	28	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GREENWICH ...	9 9	7	24.4	13.0	18.7	-	29.8	24.25	6.4	1	-	-	9	15	7	28	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0
HAMPSTEAD ...	9 9	137	23.8	13.0	18.4	+2.1	29.4	25	8.2	1	-	-	9	13	7	28	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0
HAMPTON ...	9 9	12	24.6	12.9	18.7	+1.6	30.0	25	7.0	1	-	-	11	17	9	29	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0
HARROW WEALD ...	9 9	98	24.5	11.8	18.1	-	32.5	26	6.0	1	18.5	17.4	7	6	28	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEATHROW AIRPORT ...	21-9	25	25.0	13.2	19.1	+2.1	30.2	24	7.0	1	-	-	16	25	9	28	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0
KENSINGTON PALACE ...	9 9	25	24.6	13.4	19.0	+1.6	29.9	25	8.1	1	19.4	18.7	4	7	3	28	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Kew	21-9	6																													
PSYCHROMETER ...			24.5	11.0	17.7	-	29.8	24	4.2	1	17.1	16.0	13	21	11	28	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTH WALL SCREEN ...			24.3	12.9	18.6	+1.5	29.7	24	7.0	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LONDON																															
WEATHER CENTRE (X)	21-9	77	24.4	14.8	19.6	-	30.5	25	11.1	1	-	-	3	-	3	28	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
ST JAMES PARK ...	9 9	4	24.8	14.3	19.5	+2.0	30.0	25	8.6	1	-	-	4	6	2	28	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHGATE ...	9 9	67	24.5	12.2	18.3	+1.6	29.6	25	7.3	1	18.0	-	8	12	7	28	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0
WADDON ...	9 9	59	24.4	11.8	18.1	+1.4	30.0	24	7.0	1	-	-	3	5	2	27	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-
WEALDSTONE ...																															
MILTSHIRE																															
BOSCOMBE DOWN ...	21-9	126	24.2	11.5	17.9	+2.0	29.3	25	5.6	1	-	-	59	88	56	29	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0
LACOCK ...	9 9	49																													
LARKHILL ...	9 9	132	24.1	11.3	17.7	+2.1	29.6	25	6.2	1	-	-	55	77	53	29	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0
LYNEHAM ...	21-9	145	24.1	11.5	17.8	+2.2	29.6	25	6.4	1	-	-	26	34	25	29	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0
PORTON ...	9 9	110	24.3	10.7	17.5	+1.9	29.3	25	5.1	1	17.5	-	43	61	43	29	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
UPAVON ...	21-9	179	24.1	12.3	18.2	-	29.6	25	6.0	1	-	-	52	71	48	29	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0
BERKSHIRE																															
EASTHAMPTON ...	9 9	77	24.5	8.0	16.3	-	29.8	24	1.1	1	17.4	16.4	20	-	16	29	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0
HURLEY ...	9 9	43	24.4	10.6	17.5	-	29.5	25	4.1	1	18.6	-	32	47	24	29	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0
LAMBOURN (WARREN FARM)	9 9	192	23.1	11.2	17.1	-	28.3	24	6.6	1	17.3	-	21	-	14	29	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0
READING ...	9 9	66	24.3	11.4	17.9	-	29.6	24	5.4	1	17.4	16.1	14	-	11	29	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0
SHINFIELD (N.I.R.D.)	9 9	62	24.5	11.0	17.7	-	30.0	24	4.7	1	-	-	20	-	15	29	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0
SURREY																															
MERRIST WOOD ...	9 9	46																													
MICKLEHAM ...	9 9	55	(24.5)	(8.9)	(16.7)	(+0.8)	29.6	24.25	3.0	1	(17.5)	(16.7)	4	6	2	29	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0
WISLEY ...	9 9	35	25.0	9.4	17.2	+0.7	30.1	24	3.6	1	19.1	17.6	3	5	2	29	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0
KENT																															
DOVER ...	9 9	6																													
DOVER R.M.S. ...	9 9	123		13.9					8.8	1	-	-	51	68	24	29	6	5	0	0	0	0	0	0	0	0	0	0	0	0	0
DUNGENESS ...	9 9	3	21.4	13.9	17.7	-	25.0	25	5.3	1	-	-	37	60	20	27	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0
EAST MALLING ...	9 9	32	23.8	11.7	17.7	+1.6	29.3	25	3.8	1	19.2	18.2	14	22	11	27	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0
ELMSTONE ...	9 9	5	22.6	9.4	16.0	-	26.8	25	4.3	1	-	-	31	54	17	29	6	6	0	0	0	0	0	0	0	0	0	0	0	0	0
FAVERSHAM ...	9 9	48	22.5	11.4	16.9	-	27.9	24	5.8	1	19.2	18.7	26	40	16	27	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0
FOLKESTONE ...	9 9	31	22.9	14.0	18.5	-	29.4	25	8.0	6	-	-	19.2	45	72	27	5	3	0	0	0	0	0	0	0	0	0	0	0	0	0
GILLINGHAM ...	9 9	4	22.8	13.0	17.9	-	27.4	25	8.0	1	-	-	16	28	15	27	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-
DOUDHURST ...	9 9	85	24.1	10.4	17.3	+1.6	30.2	25	2.7	1	-	-	11	14	7	28	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0
WADLOW COLLEGE ...	9 9	30	23.9	10.3	17.1	-	29.3	25	3.4	1	18.4	17.7	9	-	9	27	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
HERNE BAY ...	9 9	31	21.4	13.6	17.5	-	27.0	24	9.5	1	19.7	-	28	-	15	29	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0
HANSTON ...	21-9	44	21.9	14.4	18.1	-	26.7	24	10.5	1	-	-	31	57	23	29	7	6	0	0	0	0	0	0	0	0	0	0	0	0	0
MARGATE ...	9 9	16	20.2	16.1	18.1	+1.0	24.7	24	12.7	31	19.5	18.5	21	41	15	29	6														

[illegible]

[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	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						0.2 MM OR MORE	1.0 MM OR MORE																
NORTHERN IRELAND																																	
LONDONDERRY																																	
AGHANLOO ...	9 9	18	20.7	10.2	15.5	-	25.2	17.25	5.0	14	-	-	11	-	5	2	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BANAGHER(CAUGH HILL) ...	9 9	216	20.3	8.6	14.5	-	26.2	25	3.0	14	-	-	25	11	11	10	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARMONEY ...	9 9	73	20.8	10.8	15.8	-	25.1	26	7.8	13	-	-	21	5	2	8	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COLERAINE UNIVERSITY ...	9 9	23	20.0	9.2	14.6	-	25.2	20	3.2	14	16.2	14.3	26	16	11	7	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COOLKEERAGH ...	9 9	3	21.1	10.9	16.0	-	26.0	15.16	6.6	13	-	-	21	9	2	7	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DERAYNOYD FOREST ...	9 9	88	21.3	9.0	15.1	-	27.1	25	4.5	14	-	-	21	20	18	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GARYAGH FOREST ...	9 9	88	21.0	9.0	15.0	-	26.8	25	4.5	14	16.7	14.4	23	21	15	11	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOUGHMORE FOREST ...	9 9	174	20.6	8.0	14.3	-	25.9	25	3.1	13.14	-	-	20	20	7	2	9	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MONYDIO ...	9 9	34	21.5	8.6	15.1	+1.1	27.3	25	3.0	14	17.2	-	25	27	18	11	5	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOMERSET FOREST ...	9 9	43	21.0	8.6	14.8	-	27.5	25	4.9	14	-	-	25	26	15	10	6	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRAARD POINT ...	9 9	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ANTRIM																																	
ALDERGROVE AIRPORT ...	21-9	68	21.5	11.0	16.3	+2.0	26.6	25	5.3	14	16.8	14.4	16	18	7	11	7	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ALTNAMINCH ...	9 9	226	19.0	10.0	14.5	-	25.3	25	4.4	14	-	-	29	20	7	1	9	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BALLYLUMFORD ...	9 9	24	20.1	11.9	16.0	-	24.7	26	9.4	13	-	-	16	-	7	11	6	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BALLYMONEY ...	9 9	55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BALLYPATRICK FOREST ...	9 9	152	19.4	9.1	14.3	-	25.8	20	3.3	14	-	-	38	30	10	1	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARNLUGH ...	9 9	12	19.4	9.9	14.7	-	23.3	26	5.0	14	-	-	10	-	5	11	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DIVIS MOUNTAIN ...	9 9	363	18.8	9.2	14.0	-	24.0	26	4.5	14	-	-	19	16	7	2	7	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GREENMOUNT ...	9 9	32	22.1	10.0	16.1	-	27.7	26	4.0	14	17.3	-	15	18	7	11	7	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KILROOT POWER STATION ...	9 9	12	20.4	11.6	16.0	-	26.0	26	7.6	13	-	-	14	-	6	12	6	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LARNE ...	9 9	43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LISNAFFILLAN ...	9 9	38	21.3	8.8	15.1	-	27.2	25	2.7	14	-	-	13	13	5	11	5	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOWTOWN ...	9 9	271	19.1	10.0	14.5	-	24.2	26	5.9	14	14.4	-	26	18	15	2	8	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MALLUSKI(HYDE PARK) ...	9 9	140	20.2	9.8	15.0	-	25.7	26	5.0	14	-	-	14	-	7	11	5	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PARKMORE FOREST ...	9 9	235	18.5	9.8	14.1	-	23.4	16.26	3.9	14	15.3	-	31	19	9	1	12	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WOODBURN NORTH ...	9 9	217	19.0	9.5	14.3	-	25.0	26	5.5	14	-	-	20	17	7	2	8	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BELFAST																																	
MILLTOWN ...	9 9	35	21.5	-	-	-	26.8	26	-	-	15.9	-	11	-	8	11	6	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MILLTOWN ...	9 9	37	22.1	10.4	16.3	-	27.2	26	6.0	13	-	-	11	-	5	11	6	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NEWTOWNABEY ...	9 9	32	20.5	12.5	16.5	-	25.3	26	8.1	14	17.4	-	19	20	17	11	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROSEBANK ...	9 9	47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ROSETTA ...	9 9	24	21.3	10.5	15.9	-	26.5	26	5.4	14	-	-	11	12	8	11	5	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STORMONT CASTLE ...	9 9	56	20.8	11.5	16.1	-	26.5	26	7.2	14	16.7	15.4	11	12	5	11	6	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DOWN																																	
BANGOR SEACOURT ...	9 9	15	19.8	12.6	16.2	-	25.6	26	10.0	4	16.4	15.6	9	-	5	11	7	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BALLYWALTER PARK ...	-	11	-	-	-	-	-	-	-	-	-	-	10	11	5	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BALLYWATTLICOCK ...	-	6	20.9	10.5	15.7	-	25.1	26	7.6	4	-	-	8	11	6	11	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CREIGHTONS GREEN ...	9 9	119	20.1	-	-	-	25.0	26	-	-	-	-	10	11	4	11	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DOWNPATRICK ...	9 9	26	21.6	10.5	16.1	-	27.2	26	6.4	14	-	-	8	-	4	12	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HELENS BAY ...	9 9	43	20.9	11.6	16.3	-	26.4	16	8.1	14	-	-	11	13	6	11	7	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HILLSBOROUGH ...	9 9	116	20.8	9.9	15.3	+1.4	26.0	25.26	6.3	14	15.2	13.6	14	15	9	11	5	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KILKEEL ...	21-9	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
KILLLOUGH ...	21-9	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MURLOUGH ...	9 9	9	20.6	9.7	15.1	-	25.1	26	5.0	14	15.1	14.2	7	-	4	11	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARMAGH																																	
ARMAGH ...	9 9	62	22.4	10.3	16.3	+1.6	27.2	25	6.6	13	18.1	17.0	14	16	10	11	6	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOUGHGALL ...	9 9	25	21.5	9.5	15.5	-	26.6	25	4.9	13	-	-	10	13	7	11	8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LURGAN ...	9 9	55	22.4	10.4	16.4	-	27.6	17	5.5	13	16.4	15.3	12	15	8	11	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PORTADOWN ...	9 9	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TANDRAGEE ...	9 9	43	23.4	9.5	16.5	-	29.5	26	5.5	13.20	-	-	13	-	11	11	5	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TYRONE																																	
CARRIGANS ...	21-9	113	21.8	10.3	16.1	-	27.6	25	3.6	13	-	-	12	11	6	11	8	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COCKSTOWN ...	9 9	77	21.5	9.5	15.5	-	25.8	25	5.2	14	16.2	-	11	-	9	11	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOUGH BRADAN ...	9 9	169	20.7	8.5	14.6	-	25.4	25	2.9	13	-	-	15	11	4	6	9	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
POWEROY FOREST ...	9 9	174	20.2	8.6	14.4	-	24.6	26.27	4.0	14	17.5	-	13	13	9	11	6	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STRABANE CONVENT ...	9 9	44	22.0	10.4	16.2	-	26.9	25	3.9	13	-	-	14	15	6	11	9	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TIENVENNY ...	9 9	41	21.9	8.9	15.4	-	27.5	25	2.5	13	-																						

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

AUGUST 1976

STATION	HEIGHT OF BAROMETER ABOVE MSL (METRES)	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT						VISIBILITY						WIND SPEED AND DIRECTION																	
			AT MSL (MB)	DIFFERENCE FROM 1941-70 AVERAGE	DRY BULB DEGREES C	DEPRESSION OF WET BULB DEGREES C	VAPOUR PRESSURE (MB)	RELATIVE HUMIDITY (%)	OKTAS						0 - 39M	40 - 190M	200 - 390M	400 - 990M	1000 - 1900M	2000 - 3900M	4 - 9KM	10 - 19KM	20 - 39KM	40KM AND OVER	BEAUFORT FORCE						N	NE	E	SE	S	SW	W	NW
									0	1 - 2	3 - 5	6 - 7	8	SKY OBSERVED											SPEED (KT)													
																									34 OR MORE	22-33	11-21	1-10	0									
NUMBER OF OBSERVATIONS																																						
0 SCOTLAND N SHETLAND																																						
LERNICK	83	3	1022.5	-	10.9	0.6	12.2	93	6.4	1	3	2	9	10	6	0	4	1	1	0	3	6	6	5	0	1	8	21	1	2	1	0	2	5	5	13	2	
		9	1022.7	+12.3	12.8	1.3	12.8	86	6.1	0	4	5	13	8	1	0	1	1	2	0	1	8	5	4	0	0	15	16	0	2	1	0	12	3	10	1		
		15	1022.5	-	13.8	1.6	13.2	83	5.9	0	4	6	12	8	1	0	1	1	1	2	7	6	5	4	0	0	18	12	0	1	4	0	7	6	11	0		
		21	1022.5	-	11.4	0.7	12.5	92	5.9	0	6	4	9	8	4	0	4	1	1	2	6	7	6	3	0	0	8	21	2	4	1	0	7	6	11	0		
ORKNEY																																						
KIRKALL	26	3	1022.6	-	11.5	0.4	12.9	95	5.3	2	6	4	10	5	4	0	4	1	1	1	0	9	4	8	0	1	8	20	2	1	1	2	3	10	2	10	0	
		9	1022.8	+12.2	14.5	1.4	14.1	86	5.3	0	5	8	12	5	1	0	0	1	1	3	1	4	7	7	0	0	13	18	0	4	4	0	2	9	4	5	3	
		15	1022.6	-	16.2	2.4	14.0	76	5.0	0	8	7	7	9	0	0	0	0	0	1	7	7	8	0	0	15	16	0	5	3	1	10	0	7	2			
		21	1022.6	-	12.4	0.6	13.3	93	5.4	0	9	2	12	7	1	0	1	1	2	1	3	9	7	6	0	0	10	19	2	1	2	1	3	10	4	7	2	
WESTERN ISLES																																						
BENBECULA	7	3	1022.5	-	12.2	0.7	13.0	91	3.1	11	7	2	6	5	0	0	0	0	1	0	1	4	12	12	0	0	8	18	5	0	2	5	6	3	1	5	4	5
		9	1022.9	+12.3	15.8	2.0	14.2	80	3.9	4	9	5	8	5	0	0	0	0	1	0	5	3	10	12	0	0	13	18	0	0	3	3	8	5	4	5		
		15	1022.7	-	17.5	2.9	14.4	73	3.5	4	13	4	6	4	0	0	0	0	0	0	3	5	12	11	0	0	11	20	0	0	3	1	0	4	14	5	2	
		21	1022.7	-	13.8	1.1	13.9	88	4.0	4	9	5	8	5	0	0	0	0	0	0	1	5	13	12	0	0	5	23	3	3	4	3	7	2	5	2		
STORNOWAY	5	3	1022.5	-	11.3	0.4	12.8	95	3.3	5	11	5	5	5	0	0	0	0	0	0	1	11	14	5	0	2	17	12	0	1	2	0	4	6	4	2		
		9	1022.8	+12.1	15.1	1.7	14.2	82	4.0	5	8	5	8	5	0	0	0	0	0	0	4	8	10	9	0	0	6	25	0	1	2	2	0	16	3	6	1	
		15	1022.5	-	17.0	2.6	14.3	74	4.5	0	11	6	7	7	0	0	0	0	0	1	3	11	13	0	0	14	17	0	2	5	2	2	11	3	5	1		
		21	1022.7	-	13.6	1.0	13.8	89	4.5	1	11	4	11	4	0	0	0	0	0	1	2	8	10	10	0	0	4	23	4	5	3	2	0	4	6	4	3	
HIGHLAND																																						
CAPE WRATH	113	3	1022.2	-	13.7	1.5	13.1	83	3.3	10	5	7	3	5	1	0	1	0	0	0	0	2	19	9	0	1	6	20	4	1	1	3	0	8	8	5	1	
		9	1022.5	-	14.6	1.6	13.7	83	4.3	4	6	8	6	5	2	0	2	0	0	1	1	16	10	0	1	4	23	3	0	1	5	1	5	11	4	1		
		15	1022.3	-	15.3	1.6	14.6	84	4.7	2	7	8	6	6	2	0	1	1	0	0	1	0	5	12	11	0	5	24	2	0	2	6	1	2	11	4	3	
		21	1022.3	-	14.2	1.4	13.6	85	4.6	0	8	11	5	5	2	0	2	0	0	0	1	6	13	9	0	2	4	20	5	0	3	6	2	4	6	3	2	
WICK	37	3	1022.9	-	10.9	0.6	12.3	95	5.1	3	5	3	13	4	3	0	2	1	2	2	0	6	4	8	6	0	3	28	0	1	3	0	6	3	6	10	2	
		9	1023.0	+12.2	14.3	1.5	13.7	84	5.4	1	7	3	13	6	1	0	3	1	1	1	4	8	7	6	0	0	6	25	0	1	4	0	6	7	3	6	4	
		15	1022.8	-	15.6	2.2	13.7	78	5.3	0	9	2	15	5	0	0	0	0	2	2	0	4	6	5	12	0	11	20	0	2	2	1	15	4	0	4	3	
		21	1022.9	-	13.0	0.9	13.6	90	5.5	0	5	7	10	7	2	0	1	1	2	1	4	6	4	6	6	0	5	24	2	2	2	1	8	7	2	3	4	
1 SCOTLAND E GRAMPIAN																																						
DYCE	59	3	1023.6	-	10.9	0.6	12.2	92	5.5	3	4	3	12	5	4	0	2	1	3	0	3	6	4	5	7	0	0	25	6	9	0	0	1	5	0	3	7	
		9	1023.7	+12.3	15.7	2.5	13.3	75	5.5	3	2	7	13	6	0	0	0	0	1	2	8	6	5	9	0	0	27	1	8	1	5	0	6	0	4	6		
		15	1023.0	-	18.5	4.2	13.0	62	4.9	2	7	4	13	5	0	0	0	0	0	0	5	7	10	9	0	0	9	22	0	2	1	9	8	4	1	3	3	
		21	1023.5	-	13.7	1.5	13.1	83	5.5	0	8	1	15	6	1	0	0	0	2	1	3	6	3	10	6	0	0	22	9	3	0	2	3	7	2	4	1	
FRASERBURGH	22	3	1023.3	-	13.1	1.0	13.5	89	5.3	1	7	2	11	6	4	2	0	0	2	0	0	1	11	15	0	0	6	25	0	4	2	0	4	7	2	9	3	
		9	1023.6	+12.3	15.0	1.6	14.2	83	5.3	1	5	9	9	5	2	0	1	0	1	0	0	1	12	16	0	0	9	22	0	2	2	0	5	6	1	9	6	
		15	1023.2	-	16.2	2.0	14.5	80	5.2	1	7	6	9	7	1	0	0	0	1	0	3	12	15	0	0	13	18	0	7	3	6	4	5	0	4	2		
		21	1021.8	-	14.1	1.2	13.9	86	5.7	0	6	7	5	11	2	0	0	0	2	0	1	3	11	14	0	0	5	26	0	4	1	0	8	9	2	4	5	
KINLOSS	6	3	1023.2	-	12.1	1.0	12.5	88	5.1	4	4	5	11	6	1	0	0	1	0	0	3	4	10	2	11	0	0	3	25	3	0	1	0	4	5	15	3	0
		9	1023.4	+12.3	15.6	2.2	13.7	77	4.6	3	7	4	14	3	0	0	0	0	0	0	0	5	9	8	9	0	7	22	2	2	3	2	0	2	5	12	3	
		15	1022.5	-	19.5	4.5	13.5	61	4.7	1	8	5	15	2	0	0	0	0	1	1	8	9	12	0	10	21	0	10	21	0	12	7	1	1	6	1		
		21	1022.9	-	14.5	1.6	13.6	83	5.0	1	7	7	10	5	1	0	0	1	2	0	1	4	6	4	13	0	4	24	3	4	6	3	0	4	7	2	2	
LOSSIEMOUTH	6	3	1023.0	-	11.9	1.1	12.2	87	5.0	3	6	3	12	5	2	0	0	1	1	2	2	7	7	9	0	2	27	2	1	2	1	5	5	9	1	0		
		9	1023.3	-	15.6	2.4	13.3	75	4.9	3	6	5	12	3	0	0	0	0	0	2	5	9	7	8	0	0	4	26	1	2	7	2	2	2	13	2		
		15	1022.5	-	18.0	3.6	13.5	67	5.2	1	7	3	17	3	0	0	0	0	1	0	2	7	14	0	0	4	27	0	3	6	11	1	1	5	3	0		
		21	1022.8	-	14.7	1.7	13.6	82	5.4	1	6	5	14	5	0	0	0	2	0	4	2	5	7	11	0	2	28	1	5	1	8	4	3	3	4	2		
TAYSIDE																																						
USAN	35	9	1024.0	-	15.3	1.5	14.5	84	5.6	1	4	4	14	5	3	2	1	0	0	0	2	8	4	2	12	0	5	15	11	6	3	2	2	2	1	4	0	
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
		21	1023.6	-	14.0	0.7	14.7	92	5.1	0	8	6	9	4	4	1	0	0	3	3	1	3	2	6	12	0	5	9	17	3	4	0	2	1	1	3	0	
		FIFE																																				
LEUCHARS	12	3	1023.3	-	11.8	0.7	12.8	92	5.4	5	2	5	9	9	1	0	1	3	4	2	2	3	6	5	5	0	3	18	10	3	3	2	1	0	2	10	0	
		9	1023.6	+12.1	15.6	2.0	14.0	79	5.5	1	6	2	16	6	0	0	0	0	2	2	7	5	6	5	0	0	8	16	7	0	1	4	3	6	1	6	2	
		15	1022.8	-	18.0	3.5	13.6	67	5.9	2	11	5	10	3	0	0	0	0	1	1	3	9	9	8	0	2	17	12	0	3	22	0	0	1	5	0		
		21	1023.1	-	13.9	1.2	13.8	87	3.5	1	5	5	15	3	2	0	2	0	2	1	3	4	5	7	0	0	7	19	5	1	7	10	0	2	5	1		
LOTHIAN																																						
TURNHOUSE	44	3	1023.6	-	11.6	0.6	12.7	93	5.4	3	5	2	12	6	3	0	1	2	2	1	3	6	4	9	3	0	2	23	6	1	5	3	2	0	1			

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

AUGUST 1976

HEIGHT OF BAROMETER ABOVE MSL (METRES)		HOUR OF OBSERVATION (GMT)	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT						VISIBILITY						WIND SPEED AND DIRECTION																		
			AT MSL (MB)	DIFFERENCE FROM 1941-70 AVERAGE	DRY BULB DEGREES C	DEPRESSION OF WET BULB DEGREES C	VAPOUR PRESSURE (MB)	RELATIVE HUMIDITY (%)	OKTAS						0 - 39M	40 - 190M	200 - 350M	400 - 950M	1000 - 1900M	2000 - 3900M	4 - 9KM	10 - 19KM	20 - 39KM	40KM AND OVER	BEAUFORT FORCE						N	NE	E	SE	S	SW	W	NW	
									MEAN	0	1 - 2	3 - 5	6 - 7	8											SKY OBSERVED	SPEED (KT)													
																										8 OR MORE	22-33	11-21	1-10	0									CALM
NUMBER OF OBSERVATIONS																																							
4 MIDLAND COUNTIES																																							
WEST YORKSHIRE																																							
HUDDERSFIELD OAKES	235	3	1023.0	-	11.9	1.6	11.4	81	5.9	4	0	5	9	13	0	0	0	0	0	2	14	8	4	3	0	0	0	4	25	2	9	5	3	0	0	7	5		
	9	1023.3	-	15.8	2.3	13.6	76	5.7	2	3	5	10	11	0	0	0	0	0	3	4	15	5	4	0	0	0	1	8	22	0	7	9	3	0	1	2			
	15	1022.2	-	21.6	6.1	12.8	51	5.0	4	2	6	14	5	0	0	0	0	0	0	3	14	14	0	0	0	0	1	12	18	0	3	10	1	4	3	0			
	21	1022.7	-	15.4	2.5	13.0	75	5.1	2	3	10	9	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	21	0	8	5	6	0	2	1			
WILSON	267	3	1023.5	-	11.4	0.8	12.2	90	3.9	6	7	7	2	8	1	0	0	1	0	1	2	15	12	0	0	0	0	2	16	13	3	3	3	3	0	0	6		
	9	1023.4	-	15.5	2.4	13.2	75	4.3	4	6	6	9	6	0	0	0	0	0	3	10	16	2	0	0	0	0	5	25	1	0	8	11	3	0	1				
	15	1022.0	-	20.0	5.2	12.9	57	4.3	5	5	7	13	1	0	0	0	0	0	0	6	15	10	0	0	0	1	11	19	0	2	9	8	4	0	1				
	21	1023.1	-	14.8	2.1	13.1	78	3.7	11	5	1	6	8	0	0	0	0	0	0	5	25	1	0	0	0	0	2	27	2	0	7	10	5	0	0				
SOUTH YORKSHIRE																																							
FINNINGLEY	15	3	1022.6	-	12.1	0.7	13.0	91	3.6	10	4	4	10	2	1	0	1	1	3	3	2	11	6	3	1	0	0	0	29	2	14	1	2	0	0	2			
	9	1023.1	+ 9.7	17.0	2.7	14.1	73	4.5	4	7	4	12	4	0	0	0	1	0	4	9	10	6	1	0	0	0	7	24	0	13	4	3	2	1	5				
	15	1021.7	-	22.7	7.0	12.3	46	4.1	3	8	7	12	1	0	0	0	0	0	0	4	12	14	1	0	0	0	9	22	0	2	12	6	2	3	1				
	21	1022.5	-	15.6	2.4	13.3	75	3.6	7	8	4	10	2	0	0	0	0	1	0	3	10	17	0	0	0	0	3	27	1	6	5	10	3	0	0				
NOTTINGHAMSHIRE																																							
WATNALL	119	3	1022.8	-	12.7	0.9	13.2	89	3.1	8	7	6	8	2	0	0	0	0	1	6	12	8	4	0	0	0	2	27	2	12	11	0	0	0	2				
	9	1023.2	+ 9.7	17.0	2.9	13.9	72	4.6	5	4	7	11	4	0	0	0	0	0	1	3	13	9	5	0	0	0	7	23	1	2	13	5	2	0	1				
	15	1021.6	-	22.7	6.9	12.5	47	4.4	3	6	8	12	2	0	0	0	0	0	1	3	13	11	3	0	0	0	11	20	0	1	13	7	2	0	1				
	21	1022.5	-	16.3	3.0	12.9	70	3.5	7	9	4	8	3	0	0	0	0	0	1	11	9	10	0	0	0	0	1	30	0	1	15	9	0	0	3				
SALOP																																							
SHAWBURY	76	3	1022.9	-	11.9	1.1	12.2	87	2.9	11	7	5	5	3	0	0	0	0	0	6	13	3	8	1	0	0	0	27	4	5	4	6	0	0	1				
	9	1023.3	+ 9.6	17.0	3.0	13.6	71	4.1	5	6	6	13	1	0	0	0	0	0	3	10	10	3	5	0	0	0	6	25	0	6	1	11	5	0	2				
	15	1021.6	-	22.9	6.6	13.3	49	4.5	1	6	12	10	2	0	0	0	0	0	0	5	14	7	5	0	0	0	9	22	0	5	7	8	2	1					
	21	1022.3	-	16.8	3.1	13.2	69	4.4	3	7	6	11	4	0	0	0	0	0	0	14	10	5	2	0	0	0	2	29	0	16	5	5	1	0	1				
WEST MIDLANDS																																							
EDGBASTON	165	9	1022.9	+ 8.7	16.2	2.9	12.9	71	4.4	5	6	3	15	2	0	0	0	1	0	4	13	6	5	2	0	0	3	22	6	5	6	9	1	0	0				
	15	1021.2	-	22.1	7.2	11.3	44	4.6	3	5	8	14	1	0	0	0	0	1	0	6	14	3	7	0	0	0	3	26	2	4	9	8	2	0	3				
	21	1021.9	-	18.7	4.7	12.3	58	3.9	5	8	5	9	4	0	0	0	0	1	0	7	16	4	3	0	0	0	28	3	7	3	12	3	0	0					
	9	1022.6	-	11.5	1.0	11.9	88	3.0	8	10	4	7	2	0	0	0	1	0	3	12	10	4	1	0	0	1	21	9	7	3	3	1	2	0	3				
ELMDON	100	3	1022.9	+ 8.9	16.9	3.4	12.8	67	4.4	5	7	3	14	2	0	0	0	0	1	0	13	14	1	2	0	0	7	24	0	6	8	7	1	1	0				
	9	1021.3	-	22.6	7.5	11.3	43	4.3	5	10	12	1	0	0	0	0	0	1	0	3	17	8	2	0	0	10	21	0	5	9	7	2	1	0					
	15	1021.3	-	17.3	3.8	12.4	63	3.3	7	10	4	6	4	0	0	0	0	0	2	4	18	7	0	0	0	1	29	1	6	6	10	1	0	1					
	21	1021.9	-	17.3	3.8	12.4	63	3.3	7	10	4	6	4	0	0	0	0	0	2	4	18	7	0	0	0	1	29	1	6	6	10	1	0	1					
HEREFORD & WORCESTER																																							
PERSHORE	36	3	1022.1	-	12.8	1.5	12.3	83	2.6	11	8	6	2	4	0	0	0	0	1	2	5	14	5	4	0	0	2	24	5	8	7	4	0	1	2				
	9	1022.6	-	17.3	3.4	13.1	67	4.2	4	6	8	9	4	0	0	0	0	0	1	8	13	5	4	0	0	0	6	25	0	5	9	9	0	1					
	15	1021.0	-	23.4	7.7	11.7	43	4.6	1	7	11	9	4	0	0	0	0	0	0	3	12	10	6	0	0	0	9	22	0	5	6	8	2	0					
	21	1021.4	-	17.9	4.3	12.3	60	3.4	8	8	4	8	3	0	0	0	0	0	1	1	15	10	4	0	0	0	4	26	1	7	6	13	0	1					
GLOUCESTER																																							
INNSWORTH	-	3	1022.0	-	13.5	1.2	13.3	86	2.6	10	9	6	3	3	0	0	0	0	0	3	9	9	7	3	0	0	1	17	13	4	6	5	0	0	1				
	9	1022.7	-	17.8	3.1	14.5	71	3.4	7	9	3	10	2	0	0	0	0	0	1	12	9	5	4	0	0	4	24	3	7	11	6	0	0	1					
	15	1020.9	-	23.9	7.2	13.3	46	4.1	1	12	6	10	2	0	0	0	0	0	0	6	11	8	6	0	0	8	23	0	1	11	5	3	0	1					
	21	1021.3	-	18.7	3.8	13.9	65	3.4	5	11	6	7	2	0	0	0	0	0	0	1	13	9	5	3	0	0	2	24	5	3	7	6	1	1	3				
LITTLE RISSINGTON OXFORDSHIRE																																							
BENSON	74	3	1021.9	-	12.8	1.4	12.4	84	2.2	14	6	6	3	2	0	0	1	0	2	2	4	13	8	1	0	0	0	19	12	12	2	1	0	1	0				
	9	1022.4	-	17.3	3.3	13.4	68	3.4	8	9	2	10	2	0	0	0	0	0	1	10	11	5	4	0	0	0	6	24	1	11	8	2	0	1					
	15	1020.6	-	23.7	7.9	11.8	41	4.2	2	6	11	9	3	0	0	0	0	0	0	3	8	15	5	0	0	10	20	1	5	7	8	0	1						
	21	1021.3	-	18.1	4.0	13.0	63	3.0	2	14	8	5	2	0	0	0	0	0	0	4	12	12	3	0	0	0	2	23	6	7	7	6	2	0	1				
BRIZE NORTON	92	3	1021.9	-	13.1	1.7	12.1	80	2.1	16	6	3	3	2	1	0	0	1	0	3	7	11	9	0	0	0	0	28	3	13	9	1	0	0	1				
	9	1022.4	-	17.4	3.7	12.8	65	4.1	6	6	4	13	2	0	0	0	0	0	1	8	7	12	3	0	0	0	6	25	0	1	18	5	0	1					
	15	1020.7	-	23.1	8.2	10.5	38	4.3	1	6	12	10	2	0	0	0	0	0	0	2	9	14	6	0	0	10	21	0	2	13	8	1	1						
	21	1021.3	-	18.4	4.9	11.6	56	3.0	8	10	5	5	3	0	0	0	0	0	0	3	12	14	2	0	0	5	26	0	4	12	5	1	1	4					
S ENGLAND SE & CENT. S. GREATER LONDON																																							
HEATHROW	26	3	1021.5	-	14.5	1.7	13.5	82	1.3	18	9	1	1	2	0	0	0	0	2	12	14	3	0	0	0	1	30	0	12	5	2	2	1	1					
	9	1022.1	+ 7.5	18.4	3.7	13.8	66	3.5	7	7	6	8	3	0	0	0	1	0	2	13	8	6	1	0	0	6	25	0	3	12	6	1	0	3					
	15	1020.5	-	24.0	8.0	11.7	40	3.9	3	14	6	2	0	0	0	0	0	0	2	16	11	2	0	0	0	9	22	0	1	7	13	0	1						
	21	1021.1	-	19.3	4.6	13.2	59	3.0	5	13	3	9	1	0	0	0	0	0	1	10	13	7	0	0	0	6	25	0	4	5	13	1	2						
KEN	10	3	1021.5	-	12.7	1.4	12.4	85	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
	9																																						

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

AUGUST 1976

HEIGHT OF BAROMETER ABOVE MSL (METRES)	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT						VISIBILITY						WIND SPEED AND DIRECTION																						
		AT MSL (MB)	DIFFERENCE FROM 1941-70 AVERAGE	DRY BULB DEGREES C	DEPRESSION OF WET BULB DEGREES C	VAPOUR PRESSURE (MB)	RELATIVE HUMIDITY (%)	OKTAS						0 - 39M	40 - 190M	200 - 390M	400 - 990M	1000 - 1900M	2000 - 3900M	4 - 9KM	10 - 19KM	20 - 39KM	40KM AND OVER	BEAUFORT FORCE						N	NE	E	SE	S	SW	W	NW					
								0	1 - 2	3 - 5	6 - 7	8	SKY OBSERVED											SPEED (KT)																		
																								34 OR MORE	22-33	11-21	1-10	0														
NUMBER OF OBSERVATIONS																																										
5 ENGLAND SE & CENT. S.																																										
HAMPSHIRE																																										
SOUTHAMPTON	9	3	1021.2	-	15.2	2.3	13.1	76	1.5	20	3	6	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
	WEATHER CENTRE (X)	9	3	1021.7	-	19.0	4.5	13.1	60	2.8	10	7	7	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	
		15	3	1020.4	-	23.8	7.6	12.4	43	3.4	2	11	11	5	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	
21	3	1020.9	-	19.2	4.1	14.0	63	3.0	10	4	9	7	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	
WEST SUSSEX																																										
GATWICK	60	3	1021.5	-	11.7	0.7	12.6	91	1.4	16	8	5	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
	9	3	1021.9	+7.0	18.2	3.4	14.2	68	3.5	7	7	6	10	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		15	3	1020.5	-	23.4	7.8	11.5	41	3.6	3	8	11	7	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	
21	3	1021.3	-	17.1	3.1	13.5	70	2.7	9	8	7	6	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	
THORNEY ISLAND	5	3	1021.1	-	14.1	1.7	13.0	80	2.2	16	3	8	3	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
	9	3	1021.7	+6.6	19.7	4.5	13.8	60	3.0	9	6	6	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	
		15	3	1020.6	-	22.6	6.2	13.8	51	3.5	3	11	7	9	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
21	3	1021.1	-	17.2	2.6	14.7	75	3.0	7	10	4	9	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	
7A ENGLAND NW & I.O.M.																																										
CUMBRIA																																										
CARLISLE	28	3	1023.0	-	11.7	0.6	12.8	92	3.9	11	3	1	11	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	9	3	1023.3	+10.8	16.2	2.2	14.2	77	4.3	5	7	3	11	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	
		15	3	1022.2	-	21.7	5.6	13.9	55	4.1	3	7	9	9	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	
21	3	1022.8	-	15.6	1.9	14.1	80	4.0	5	8	6	10	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	
LANCASHIRE																																										
SQUIRES GATE	11	3	1023.0	-	13.1	1.0	13.4	89	3.1	12	4	4	9	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
	9	3	1023.5	+10.4	18.5	3.3	14.8	70	3.6	6	6	10	7	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	
		15	3	1022.5	-	21.3	4.6	15.3	62	3.8	4	8	9	8	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	
21	3	1022.7	-	16.5	2.1	14.8	79	3.4	7	9	4	10	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
MERSEYSIDE																																										
SPEKE	24	3	1022.5	-	13.7	1.4	13.2	84	3.0	14	2	2	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	9	3	1022.9	+9.6	17.7	3.2	14.0	69	3.5	8	6	5	11	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		15	3	1021.7	-	22.7	6.6	13.1	49	3.6	2	12	5	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	
21	3	1022.1	-	17.2	3.2	13.4	69	3.2	9	7	4	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	
GREATER MANCHESTER																																										
MANCHESTER	42	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	WEATHER CENTRE (X)	9	3	1023.4	-	17.9	4.0	12.8	63	4.0	4	8	7	8	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	
		15	3	1022.1	-	22.5	6.9	12.3	47	4.4	3	5	9	10	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	
21	3	1022.7	-	18.6	4.1	13.2	63	3.5	4	10	7	7	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	
RINGWAY	84	3	1022.7	-	13.7	1.9	12.4	79	3.3	8	9	4	6	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
	9	3	1023.1	+9.8	17.7	3.9	12.7	64	4.2	3	9	5	11	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	
		15	3	1021.7	-	22.5	7.5	11.2	43	4.2	2	6	12	10	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
21	3	1022.4	-	17.7	3.0	12.5	63	3.3	7	10	2	9	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	
ISLE OF MAN																																										
POINT OF AYRE	9	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	9	3	1023.5	+11.1	16.5	1.8	15.4	82	4.3	3	10	5	6	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		15	3	1023.1	-	19.3	3.6	14.9	68	3.8	6	7	8	5	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	
21	3	1022.8	-	15.0	1.6	14.1	83	3.8	4	10	7	4	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	
RONALDSMAY	21	3	1022.8	-	13.2	1.5	12.6	83	2.4	13	8	3	5	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
	9	3	1023.2	+10.5	16.9	2.6	14.3	75	4.0	4	9	4	12	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		15	3	1022.6	-	19.6	4.5	13.6	61	3.6	4	11	5	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
21	3	1022.6	-	15.1	2.2	13.1	77	3.5	3	12	6	7	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	
7B WALES N																																										
GWYNEDD																																										
BAROSEY ISLAND	19	3	1022.5	-	14.9	0.8	15.4	91	2.9	15	3	4	3	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	
	9	3	1022.9	-	16.7	1.4	16.2	85	4.4	4	4	11	8	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	
		15	3	1022.5	-	18.0	2.0	16.6	81	4.0	3	3	17	8	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

AUGUST 1976

HEIGHT OF BAROMETER ABOVE MSL (METRES)	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT						VISIBILITY						WIND SPEED AND DIRECTION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
		AT MSL (MB)	DIFFERENCE FROM 1941-70 AVERAGE	DRY BULB DEGREES C	DEPRESSION OF WET BULB DEGREES C	VAPOUR PRESSURE (MB)	RELATIVE HUMIDITY (%)	OKTAS						0 - 39M	40 - 190M	200 - 390M	400 - 990M	1000 - 1900M	2000 - 3900M	4 - 9KM	10 - 19KM	20 - 39KM	40KM AND OVER	BEAUFORT FORCE						N	NE	E	SE	S	SW	W	NW																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
								NUMBER OF OBSERVATIONS																SPEED (KT)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
								0	1 - 2	3 - 5	6 - 7	8	SKY OBSERVED											8 OR MORE	22-33	11-21	1-10	0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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STATION	MAXIMUM °C								MINIMUM °C								STATION	MAXIMUM °C								MINIMUM °C									
	0.0 OR LESS	0.1 TO 5.0	5.1 TO 10.0	10.1 TO 15.0	15.1 TO 20.0	20.1 TO 25.0	25.1 TO 30.0	ABOVE 30.0	-15.0 OR LESS	-14.9 TO -10.0	-9.9 TO -5.0	-4.9 TO 0.0	0.1 TO 5.0	5.1 TO 10.0	10.1 TO 15.0	ABOVE 15.0		0.0 OR LESS	0.1 TO 5.0	5.1 TO 10.0	10.1 TO 15.0	15.1 TO 20.0	20.1 TO 25.0	25.1 TO 30.0	ABOVE 30.0	-15.0 OR LESS	-14.9 TO -10.0	-9.9 TO -5.0	-4.9 TO 0.0	0.1 TO 5.0	5.1 TO 10.0	10.1 TO 15.0	ABOVE 15.0		
LERWICK (PSYCHROMETER)	0	0	0	17	14	0	0	0	0	0	0	0	0	0	11	20	0	CAMBRIDGE BOTANIC GARDENS	0	0	0	0	2	16	13	0	0	0	0	0	0	1	6	24	0
LERWICK (SCREEN)	0	0	0	17	14	0	0	0	0	0	0	0	0	0	0	10	21	0	EDDABASTON	0	0	0	0	9	10	12	0	0	0	0	0	1	30	0	
STORNOWAY	0	0	0	3	19	9	0	0	0	0	0	0	0	0	14	17	0	KEM (PSYCHROMETER)	0	0	0	0	1	17	13	0	0	0	0	0	1	12	17	1	
CRAIBSTONE	0	0	0	1	20	9	1	0	0	0	0	0	0	0	1	15	15	0	KEM (NORTH-WALL SCREEN)	0	0	0	0	1	17	13	0	0	0	0	0	2	27	2	
ROTHESAY	0	0	0	2	12	13	4	0	0	0	0	0	0	0	5	26	0	HASTINGS	0	0	0	0	3	23	5	0	0	0	0	0	0	1	17	13	
ABBOTSINCH	0	0	0	0	11	12	8	0	0	0	0	0	1	19	11	0	SOUTHAMPTON	0	0	0	0	1	12	17	1	0	0	0	0	0	1	25	5		
ESKDALEMUIR (PSYCHROMETER)	0	0	0	1	13	16	1	0	0	0	0	0	3	20	8	0	STONYHURST	0	0	0	0	7	14	9	0	0	0	0	0	0	7	24	0		
ESKDALEMUIR (SCREEN)	0	0	0	1	13	15	2	0	0	0	0	0	4	18	9	0	VALLEY	0	0	0	0	12	9	10	0	0	0	0	0	3	27	1			
DOUGLAS	0	0	0	0	17	12	2	0	0	0	0	0	3	24	4	0	RHOOSE	0	0	0	0	5	12	14	0	0	0	0	0	3	28	0			
BOULNER	0	0	0	0	27	4	0	0	0	0	0	0	0	14	17	0	FALMOUTH	0	0	0	0	12	16	3	0	0	0	0	0	9	22	0			
HULL	0	0	0	0	5	24	2	0	0	0	0	0	4	24	3	0	ALDEROROVE	0	0	0	0	9	15	7	0	0	0	0	0	14	17	0			
DORLESTON	0	0	0	0	12	19	0	0	0	0	0	0	0	1	18	12	0	ARMAGH	0	0	0	0	9	15	7	0	0	0	0	0	0	0	0		

AUGUST 1976

DISTRICT REGION/COUNTY AND PLACE		HEIGHT OF VANE IN METRES		DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED										HIGHEST VALUES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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AUGUST 1976

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

MONTHLY WEATHER REPORT

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

DUPLICATE ALSO

MET.O.896

UDC 551 506 1(41-4)

SEPTEMBER 1976

VOLUME 93

NUMBER 9

15 FEB 1977

Mostly very wet: gales in first half of month, thunderstorms in second.

A frontal system from the north-west cleared most areas on the 1st and an anticyclone in mid Atlantic then drifted eastwards across the British Isles. Weak fronts affected northern districts at times, but on the 8th a rapidly deepening wave depression crossed Scotland, to be followed by another intense depression moving from north-west to south-east. Further frontal troughs moved south on the 13th and 14th, but pressure rose over Scandinavia on the 16th and fronts from the Atlantic then affected western and northern districts. On the 23rd, however, a deep depression moved into the south-western approaches and became slow-moving until the end of the month, while successive frontal systems moved northwards over the British Isles.

Weather

In striking contrast to August, September, except in parts of western Scotland, was very wet. Outbreaks of heavy rain, with occasional hail and thunder, were frequent between the 8th and the 12th and there were severe gales. In north-east England the combination of wind and rain during this period caused an unusual degree of rain penetration into buildings in that area. Rainfall was also unusually heavy, and often thundery, from the 21st until the end of the month. Mean monthly temperatures were a little below normal, and except in the north-west sunshine was also below average, but fog was mainly confined to the second half of the month. Snow was observed on the higher slopes of the Cairngorms.

Wind

Winds were often fresh or strong in northern areas and from time to time on western coasts of England and Wales. Gales occurred frequently in the second week and these were severe between the 9th and the 12th. Almost all stations measured their highest gust of the month during this period and gusts exceeding 50 kt were widely recorded in northern and western districts: at the high-level station of Great Dun Fell (Cumbria) the wind gusted to 90 kt on the 11th. Gales were much less frequent during the second half of the month, but occasionally blew on exposed coasts in the north. Directions were mostly between west and north in the first week, but winds became cyclonic during the gales of the second week, blowing mainly from points between north-west and east, but between south and south-east for a time in England and Wales. Shortly after mid month winds became variable in direction for a few days, but were mostly from between south and east in the second half of the month.

Temperature

Monthly mean temperatures were a little below normal almost everywhere and were more than 1 degC below average only in a few places in north-east England, Wales and south-west England. After a rather cool start, and a cold night on the 2nd/3rd, when an air frost occurred in some northern districts, it became warmer in many areas towards the end of the first week. A number of places had their highest temperature of the month at this time, St Helier in Jersey recording a maximum of 25.0 °C on the 7th. Temperatures were lower on the 9th, however, and there

was a cold interval from the 15th to the 17th: several places in western districts reported an air frost during this period. Temperatures rose during the day on the 18th and the rest of the month was generally warmer.

Rainfall

Except in Shetland, much of western Scotland, western counties of Northern Ireland, parts of north-west England and South Wales, and a few places in East Anglia, rainfall totals were generally well above average. Many places in the Grampian Region of Scotland, in eastern England, particularly in the north-east, and in a band extending from North Wales and Merseyside to south Devon and Dorset had well over 200 per cent of their average rainfall for the month. Within these areas (except in Scotland) some parts had more than three times their normal September rainfall, with about 400 per cent of the average in one or two places. This was the wettest September over England and Wales since 1918 and the second wettest since 1727. Although some districts were dry from the 2nd to the 7th and north-west Scotland had very little rain after mid month, rain or showers fell in most places throughout the month. The second and fourth weeks were the wettest generally and the rain was often prolonged and thundery. A number of unusually heavy falls occurred in short periods and several places in north-east England and North Wales recorded falls of at least 120 mm in the 24 hours from 09 GMT on the 11th. Torrential rain caused flooding in many areas: notably in Stokesley (North Yorkshire) on the 11th, in Polperro (Cornwall) on the night of the 24th/25th, following a thunderstorm, and in Glasgow on the evening of the 28th, when 84 mm fell in 3½ hours, again during a thunderstorm.

Sunshine

Monthly sunshine totals ranged from 100 to

120 per cent of average in western coastal districts of Scotland and were slightly above average in Shetland, in a few places on the south coast of England and in Jersey. Sunshine was below normal everywhere else, with totals between 75 and 100 per cent of average in southern, central and eastern England, Northern Ireland and parts of Wales. The least sunny areas were in northern England, where some places had less than half their usual sunshine for the month, and in eastern Scotland, where a number of places had their lowest September totals for many years. Edinburgh had its dullest September since records began in 1901. Sunny days were infrequent in most districts after the first week and in parts of eastern Scotland the last 10 days were almost sunless.

Fog

Patches of overnight fog which occasionally formed in southern and central England during the first week cleared quickly after dawn. Fog developed more frequently during the second half of the month and was sometimes widespread and persistent, especially in southern and central England and East Anglia on the 18th and 19th, in Northern Ireland on the 22nd, and in north-east England and south-east Scotland towards the end of the month. Fog during the last two weeks was sometimes associated with precipitation and coastal fog formed from time to time. Hill fog was also reported and this was extensive in south-west England on the 21st.

Miscellaneous Phenomena

Two large waterspouts were observed over the sea to the north-east of Anglesey at 1845 GMT on the 10th. The aurora was not seen in Scotland during this month.

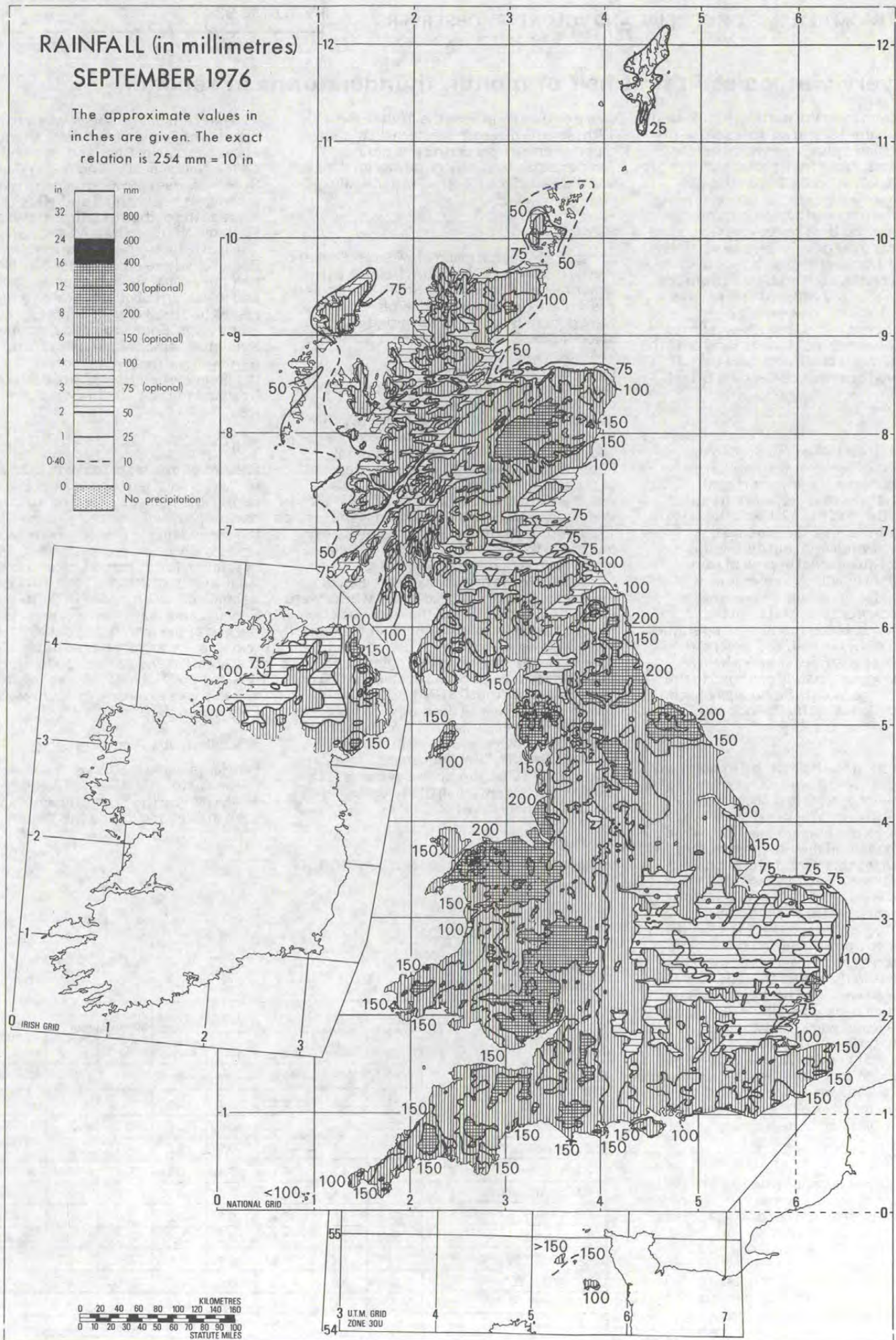
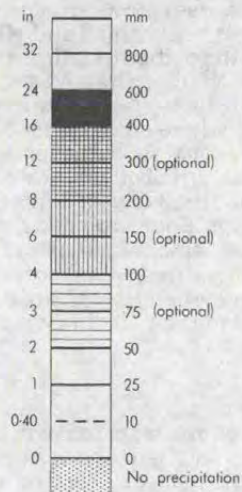
Table 1 District values

District	air temperature °C					mean 30-cm earth temp °C	rain- days	rainfall	sun- shine
	Highest	Lowest	max.	min.	mean				
	Max. *	Min. *	difference from average						
0 Scotland N	20.4	0.1	-0.6	-0.1	-0.4	-0.4	-5	102	91
1 Scotland E	22.2	-1.4	-1.2	+0.6	-0.3	+0.2	+1	150	65
2 England E & NE	22.0	2.4	-1.1	+0.1	-0.5	+0.1	+6	258	73
3 East Anglia	23.4	4.2	-0.7	+0.1	-0.3	+0.1	+5	171	87
4 Midland Counties	23.6	3.1	-0.9	-0.2	-0.5	0.0	+3	216	77
5 England SE & Central S	24.5	3.0	-0.4	-0.1	-0.2	+0.2	+4	206	94
6 Scotland W	20.7	-1.4	-0.3	+0.1	-0.1	+0.1	-4	82	88
7 England NW & Wales N	22.1	1.4	-0.8	-0.3	-0.6	-0.7	+2	181	67
8 England SW & Wales S	22.4	3.0	-0.9	-0.5	-0.7	0.0	+2	175	87
N Ireland	19.5	-0.5	-0.4	-0.3	-0.4	+0.2	-5	131	89
Scotland	22.2	-1.4	-0.7	+0.2	-0.3	0.0	-3	111	81
England & Wales	24.5	1.4	-0.8	-0.1	-0.5	-0.1	+4	201	81

*Highest maximum and lowest minimum of District Value Stations

RAINFALL (in millimetres) SEPTEMBER 1976

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



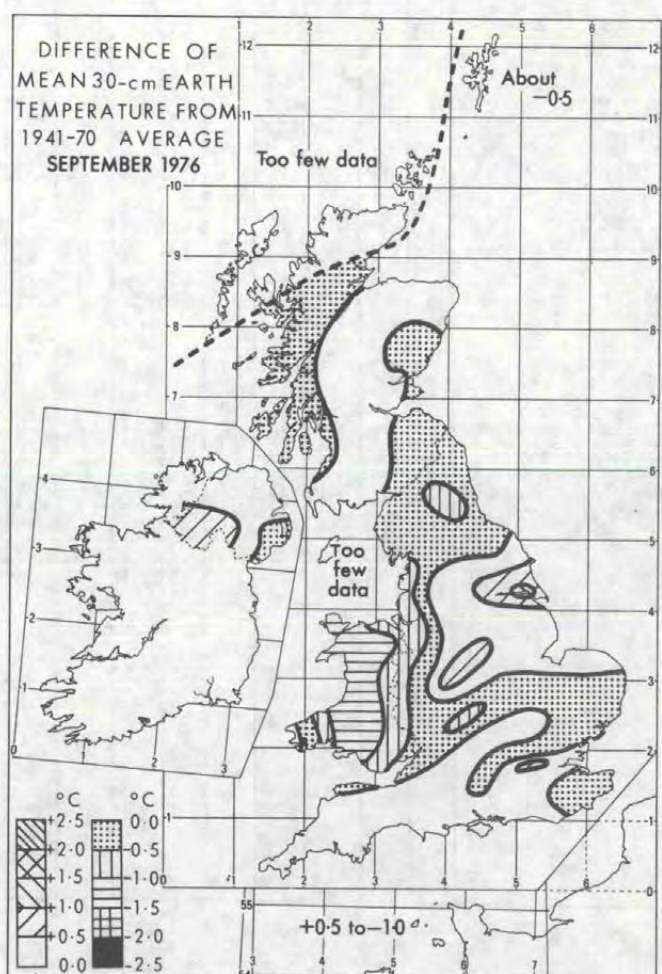
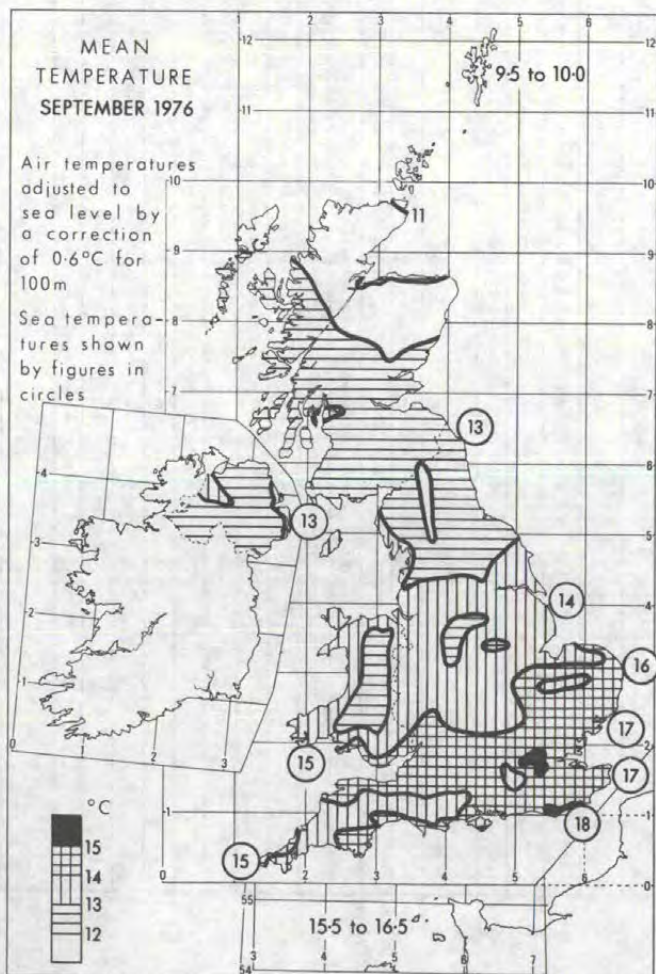
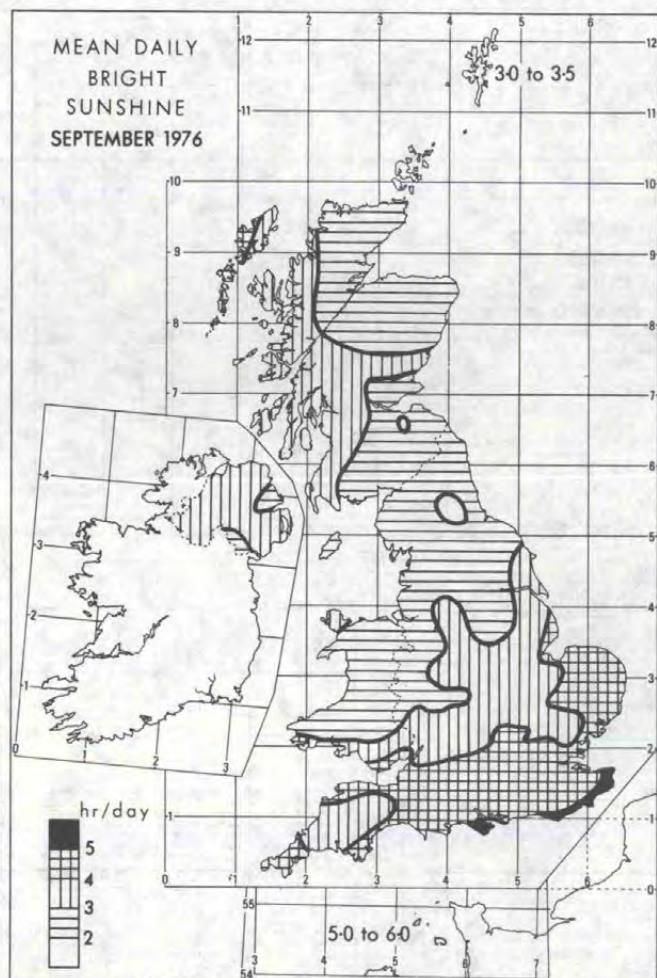
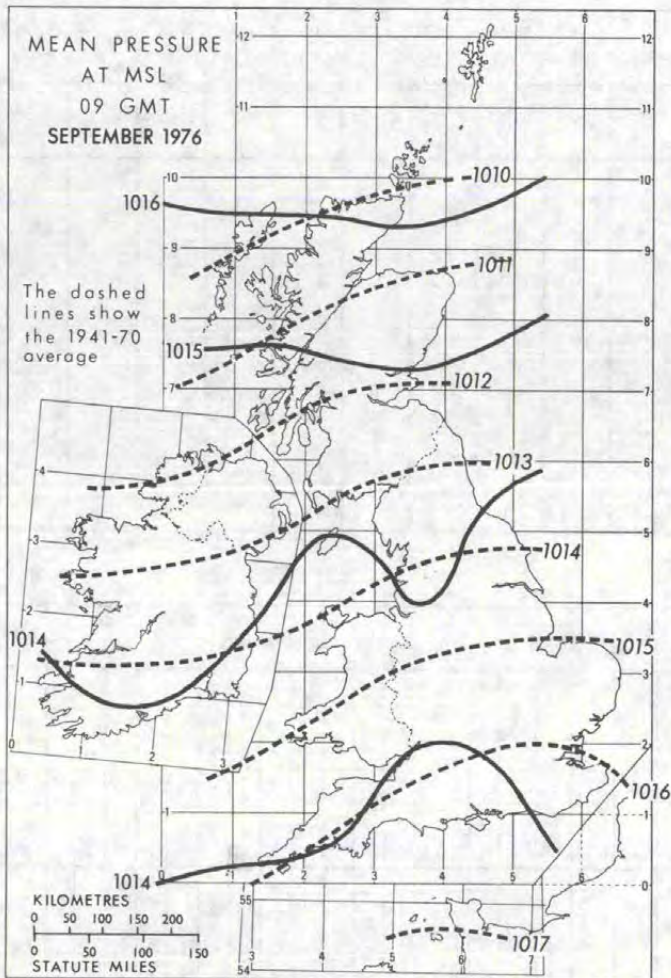


TABLE 2 SOLAR RADIATION AND ILLUMINATION

SEPTEMBER 1976

STATION	TOTAL RADIATION ON A HORIZONTAL SURFACE (MILLIWATT-HOURS PER SQUARE CENTIMETRE)						DIFFUSE RADIATION ON A HORIZONTAL SURFACE (MILLIWATT-HOURS PER SQUARE CENTIMETRE)						TOTAL ILLUMINATION ON A HORIZONTAL SURFACE (KILOLUX-HOURS)					
	MAX.	DATE	MIN.	DATE	DAILY MEAN	NO. OF DAYS	MAX.	DATE	MIN.	DATE	DAILY MEAN	NO. OF DAYS	MAX.	DATE	MIN.	DATE	DAILY MEAN	NO. OF DAYS
LERWICK	399	4	56	21	220.6	29	225	5	56	21	150.9	29	508	4	74	21	278.8	29
ESKDALEMUIR	495	3	29	25	206.1	30	224	4	27	25	143.5	30	624	3	41	25	253.3	30
CARDINGTON	512	3	71	13	261.8	30	235	8	70	13	165.6	30						
ABERPORTH	496	6	60	24	241.7	30	250	8	59	24	156.3	30						
LONDON WEATHER CENTRE																		
KEW	527	3	63	13	269.8	29	221	21	63	13	166.7	29	634	3	92	13	338.2	29
BRACKNELL	513	3	79	22	279.1	30	232	12	77	22	167.4	30	635	3	107	22	355.7	30
ALDERGROVE	476	12	55	25	239.2	30	248	3	52	25	157.8	30	530	12	66	25	273.6	30
JERSEY	611	3	90	15	328.8	30	209	4	89	15	156.5	30	808	3	145	15	437.8	30

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

SEPTEMBER 1976

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	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 C BELON 0 DEG C	CONCRETE MIN BELON 0 DEG C	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE				
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE					AMOUNT (CM)	DATE	0-2 MM OR MORE	1.0 MM OR MORE																	
0 SCOTLAND N																																			
SHEPHERD	9 9	24	11.7	7.1	9.4	-1.3	14.8	5	2.8	17	10.0	-	-	36	34	10	12	14	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
BALASOUND ...	21 9	82												47	-	13	8	10	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
LERWICK			11.2	7.5	9.3	-	13.3	5	2.4	8																									
PSYCHROMETER ...			11.5	7.6	9.5	-1.1	13.6	5	2.3	8																									
SCREEN ...																																			
ORKNEY																																			
KIRKWALL AIRPORT	21-9	26	12.6	8.8	10.7	-0.7	15.3	6	5.3	2				85	84	43	8	17	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WESTERN ISLES																																			
BENBECULA	21-9	6	14.5	9.6	12.1	0.0	17.0	6	2.4	16				55	-	18	7	16	11	0	0	0	1	0	0	0	0	0	0	2	1	1	4.33	115	
SCALPAY ...	9 9	18																																	
STORNOWAY	21-9	3	13.7	9.2	11.5	-0.1	17.1	19	3.0	12				69	-	21	8	15	12	0	0	0	0	0	0	0	0	0	0	0	1	3.89	110		
HIGHLAND																																			
ACHNASHELLACH	9 9	67	15.2	8.2	11.7	0.0	20.4	20	0.1	10.16				93	45	34	8	18	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
BALMACARA	9 9	4																																	
CAPE WRATH	21-9	112	12.6	8.8	10.7	-0.6	18.2	20	4.8	8				106	96	43	8	17	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
CORPACH	9 9	8	15.9	8.8	12.3	-	20.0	20	3.4	10				91	54	8	17	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
CRAIGDARROCH	9 9	38	14.8	7.8	11.3	-	18.8	5	1.9	19				83	24	8	20	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
DALWHINNIE	9 9	351	13.0	5.9	9.5	-	16.5	6	-0.5	12				92	35	21	19	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
DOUNREAY	9 9	21	13.6	9.0	11.3	-	16.5	6	5.0	1				73	86	26	8	17	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
FORTROSE	9 9	5	14.1	9.9	12.0	-0.7	18.5	5	5.0	10				91	165	38	8	16	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
GLENMOR LODGE	9 9	341	12.9	6.5	9.7	-	18.0	5	-0.6	3				204	219	57	8	22	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
GRANTOWN-ON-SPEY	9 9	229	13.3	6.7	10.0	-	18.0	5.6	0.7	3				153	52	8	22	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HEASTE	9 9	109	14.5	8.3	11.4	-	18.5	20	2.5	16				86	17	8	17	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ISLE OF RHUM	9 9	5	15.1	9.4	12.3	-	18.2	20	4.0	10	13.6	13.8	99	36	21	8	20	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
KEISS	9 9	30	13.0	8.9	10.9	-	17.5	6	3.8	3	11.9	12.4	96	40	8	16	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
KINLOCHWE	9 9	23	(15.0)	(8.3)	(11.7)	-	19.1	20	-0.6	16	12.2			83	44	(35)	8	16	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
KNOCKANROCK	9 9	244	12.2	7.2	9.7	-	17.4	20	1.9	10				122	64	23	7	20	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LAGGANLIR	9 9	250	13.6	6.7	10.1	-	18.9	5	-0.5	3				87	25	21	17	14	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LAIRG	9 9	91	13.7	7.8	10.7	-	17.8	5.19	1.6	10	11.0	10.9	89	19	29	18	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
LENTAN	9 9	146	13.7	7.6	10.7	-	18.6	6	1.6	12				88	23	8	20	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
LOCH DICH	9 9	37	15.3	8.2	11.7	-	18.6	5	2.2	11				82	35	8	19	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NAIRN	9 9	6	14.7	9.2	11.9	-0.2	19.6	6	5.3	18				66	125	30	8	16	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ONICH	9 9	15	15.9	8.3	12.1	0.0	20.0	20	2.0	3.10				58	28	19	8	11	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
POOLEWE	9 9	6	15.3	8.9	12.1	-	20.7	20	1.7	12				83	35	8	19	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PRABOST	9 9	67	14.4	8.8	11.6	-	18.3	19	2.5	16				88	49	22	8	20	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
RUBH RE	21-9	16	14.1	9.8	11.9	-	19.5	19	5.0	16				84	24	7	19	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
STRATHCONDON	9 9	107	14.3	7.7	11.0	-	18.8	6	1.0	12				101	23	8	18	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
STRATHY	9 9	37																																	
TARBATNESS	21-9	18	13.8	9.5	11.7	-0.4	19.0	6	6.0	10				51	13	8	12	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOMATIN	9 9	311	12.4	6.7	9.5	-	17.1	5	2.3	12				135	61	8	23	16	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WICK	21-9	36	13.2	9.2	11.2	-0.3	18.4	6	3.9	3				95	134	50	8	18	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

DISTRICT
REGION/COUNTY
AND PLACE

MAX. OF OBSERVATION

MIN. OF OBSERVATION

HEIGHT OF STATION
ABOVE MSL (METRES)

AIR TEMPERATURE IN DEGREES C

MEANS OF

DAILY MEAN
(MEAN OF R+B)

DIFFERENCE FROM
1941-70 AVERAGE

HIGHEST
MAXIMUM

DATE

LOWEST
MINIMUM

DATE

MEAN EARTH
TEMPERATURE

50 CM DEGREES C

100 CM DEGREES C

RAINFALL
(TERMINAL H 09 GMT)

TOTAL FALL (MM)

PERCENTAGE OF
1941-70 AVERAGE

AMOUNT
(MM)

DATE

WEATHER (NUMBER OF DAYS)

PRECIPITATION

0.2 MM
OR MORE

1.0 MM
OR MORE

SNOW OR SLEET

SNOW LYING AT 9H

HAIL

ICE PELLETS, ETC.

THUNDER HEARD

FOG AT 9H

AIR FROST

WIND DIRECTION

WIND SPEED

BRIGHT
SUNSHINE

DAILY MEAN
(HOURS)

PERCENTAGE OF
1941-70 AVERAGE

EXPOSURE

1 SCOTLAND E

GRAMPIAN

ABERDEEN

OYCE AIRPORT

MANNFIELD

BALMORAL

BANCHORY

BANFF

BREMAR

CRAIBSTONE

CULTERTY

ELGIN

FORRES

FRASERBURGH

FYVIE CASTLE

GARTLY

GLENLIVET

INVERURIE

KEITH

KINLOSS

LOSSIEMOUTH

STONEHAVEN

TAYSIDE

ARBROATH

ARROTALNAIG

ASHINTULY CASTLE

BLAIRGOWRIE

DALL

DRUMMOND CASTLE

DUNDEE

FASKALLY

GLENLEGLES

KINDROGAN

KINROSS

MONTROSE

MYLNEFIELD

PERTH

STRATHALLAN

USAN

WHITEHILLOCKS

FIFE

BELLISTON

CUPAR (ELMWOOD)

GLENROTHES (GLENWOOD)

LEUCHARS

PITREAVIE

ST ANDREWS

LOTHIAN

BLACKBURN SEWAGE WORKS

BUSH HOUSE

DUNBAR

EDINBURGH

EAST CRAIGS

ROYAL BOTANIC GARDEN

ROYAL OBSERVATORY

BLACKFORD HILL

TURNHOUSE AIRPORT

HADDINGTON

LIVINGSTON

NUNRAW ABBEY

PATHHEAD

PENICUIK

ROSLIN

BORDERS

BLYTH BRIDGE

BLYTH

BOWMILL (SELKIRK)

FLOORS CASTLE

GALASHIELS

GLENTRASS

GREYCOOK

KELSO

LEITHOLM

ST ABB'S HEAD

STANHOPE FARM

WAUCHOPE

WEST LINTON

WHITCHESTER

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TABLE 3 SUMMARY OF DAILY OBSERVATIONS

SEPTEMBER 1976

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		SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	BELOW 10 DEG C	BELOW 5 DEG C	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE			
				MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE							0.2 MM OR MORE	1.0 MM OR MORE																
6 SCOTLAND W																																			
STRATHCLYDE																																			
ACHAGLACHACH		9 9	12	15.9	8.9	12.4	-	18.4	3.26	-0.2	16	-	-	133	77	37	25	17	16	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AROS		9 9	37	16.1	8.8	12.5	-	19.2	27	2.1	12	-	-	91	22	8	8	20	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AUCHINCRIE		9 9	45	15.8	9.2	12.5	-0.2	19.3	26	4.9	16	13.0	13.1	142	138	27	8	12	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARRHEAD		9 9	30	15.6	9.1	12.3	-	19.6	26	2.6	16	-	-	89	77	22	28	13	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BENMORE (YOUNGER BOTANIC GARDEN)		9 9	12	15.5	9.7	12.6	-	18.5	26	1.5	15	-	-	136	59	22	25	18	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BRODICK CASTLE		9 9	15	15.8	9.4	12.6	-	19.8	1	3.4	16	14.2	-	177	92	27	22	16	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMPS RESERVOIR		9 9	295	13.5	6.7	10.1	-	16.6	26	0.0	3	-	-	133	108	35	21	20	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARNWATH		9 9	208	14.8	6.7	10.7	-	18.5	26	-3.4	3	12.2	-	80	94	23	21	15	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COLONSAY		9 9	35	15.3	10.2	12.7	-	17.0	7.19	2.5	16	-	-	64	-	10	25	16	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRAWFORD JOHN		9 9	274	14.1	7.1	10.6	-	17.6	26	-0.2	13	12.0	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CUMBERNAULD		9 9	94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CUMNOCK		9 9	99	15.5	7.7	11.6	-	18.6	20.26	0.6	3	-	-	102	-	26	8	15	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DUNSTAFNAGE		9 9	3	15.8	10.1	12.9	-	18.3	26	1.5	16	-	-	62	-	18	21	17	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EAST KILBRIDE		9 9	178	14.7	6.8	11.7	-	18.6	26	3.1	10	-	-	109	-	29	28	17	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FINNART		9 9	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
GIRVAN		9 9	8	16.3	9.7	13.0	-	19.0	26	3.5	12	-	-	125	127	20	21.22	16	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GLASGOW																																			
ABBOTSINCH AIRPORT		21-9	5	16.3	9.2	12.7	0.0	20.7	26	1.3	16	-	-	66	-	13	27	15	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SPRINGBURN PARK		9 9	107	15.2	9.1	12.1	-0.2	19.5	5	4.0	16	-	-	115	103	52	28	14	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WEATHER CENTRE (X)		21-9	40	15.8	10.8	13.3	-	19.8	26	6.1	16	-	-	153	-	87	28	15	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GLENBRANTER		9 9	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
GREENOCK		9 9	61	-	-	-	-	-	-	-	-	-	-	80	54	12	27	15	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HELENSBURGH		9 9	89	14.8	8.4	11.6	-0.6	18.0	20	1.5	16.17	-	-	95	68	25	28	14	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KNAPDALE FOREST		9 9	40	15.4	8.3	11.9	-	17.5	26	-0.5	15	-	-	140	-	24	19	17	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LANARK		9 9	152	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LEADHILLS		9 9	388	13.1	6.6	9.9	-	16.7	19	0.6	13	-	-	160	97	28	25	21	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MACHRIHANISH		21-9	10	15.5	10.2	12.9	-	17.5	7.19	1.7	16	-	-	110	89	27	25	14	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MILLPORT		9 9	5	15.7	10.5	13.1	-	18.9	1.2	5.2	15	-	-	109	91	19	27	13	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PAISLEY		9 9	32	16.0	10.1	13.1	0.0	20.0	26	4.6	16	13.7	14.4	75	66	13	27	15	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PRESTWICK		21-9	16	16.1	9.0	12.5	-	20.2	20	3.1	2	-	-	123	121	21	21	13	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RHUVAAL		21-9	20	16.6	10.8	12.7	-	16.8	26	5.2	16	-	-	86	61	28	25	16	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROTHESAY		9 9	43	15.7	9.8	12.7	-	19.0	1.26	4.5	15.16	12.7	12.9	131	92	28	27	16	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SLOY		21-9	12	15.6	10.0	12.8	-	18.9	4	1.9	16	-	-	126	-	19	8	17	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STRONACHULLIN		9 9	2	15.1	9.7	12.4	-	17.4	1	2.6	15	-	-	140	-	29	19	17	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TIREE		21-9	9	14.8	10.3	12.5	0.0	17.2	23	3.0	16	-	-	49	38	11	7	16	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CENTRAL																																			
ARROCHMORE		9 9	30	-	-	-	-	-	-	-	-	-	-	101	-	23	21	16	12	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CALLANDER		9 9	107	15.4	7.8	11.6	-	20.1	5	1.4	16	-	-	112	73	32	21	14	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EARLS HILL		21-9	335	12.9	7.1	10.0	-	17.0	4.5	0.8	10	-	-	124	-	26	21	15	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FALKIRK (SEWAGE WORKS)		9 9	3	15.9	9.6	12.7	-	20.8	5	4.3	10	-	-	65	-	17	21	13	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRANGEMOUTH																																			
B.P. REFINERY		9 9	2	16.1	10.0	13.1	-	20.5	5	4.6	10	-	-	71	-	18	21	13	9	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PARKHEAD		9 9	107	16.1	8.8	12.5	-	20.2	5	3.0	15	13.5	-	86	-	22	21	13	13	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STIRLING (BATTERFLATS)		9 9	38	16.1	8.5																														

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

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DISTRICT REGION/COUNTY AND PLACE			MAX. TERMINAL WIND DIRECTION	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	WINDY BELOW 1000 C	WINDY BELOW 500 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																																	
HOUGHALL																																	
WIDDYBANK FELL																																	
CLEVELAND																																	
HARTBURN GRANGE																																	
HARTLEPOOL																																	
NORTH YORKSHIRE																																	
ASKHAM BRYAN																																	
CAWOOD																																	
HIGH MOWTHORPE																																	
LEEMING																																	
MALHAM TARN																																	
PICKERING																																	
SCARBOROUGH																																	
SILPHO MOOR																																	
SNAIZE HOLME																																	
WHITBY																																	
WHITBY (COASTGUARD)																																	
YORK (HESLINGTON)																																	
HUMBERSIDE																																	
BRIDLINGTON																																	
BRIGG																																	
CLEE THORPES																																	
HULL																																	
KILNSEA																																	
LINCOLNSHIRE																																	
BINBROOK																																	
CRISTOR																																	
CRANWELL																																	
KIRTON																																	
LINCOLN																																	
SKEGNESS																																	
WADDINGTON																																	
3 EAST ANGLIA																																	
NORFOLK																																	
COLTISHALL																																	
COSTESSEY																																	
CROMER																																	
EAST DEREHAM																																	
GORLESTON																																	
MARHAM																																	
MORLEY ST BOTOLPH																																	
SANTON DOWNHAM																																	
SCOLE																																	
TERRINGTON ST CLEMENT																																	
CAMBRIDGESHIRE																																	
BOXWORTH																																	
CAMBRIDGE																																	
BOTANIC GARDEN																																	
NATIONAL INSTITUTE OF AGRICULTURAL BOTANY																																	
MARCH																																	
MEPAL																																	
MONKS WOOD																																	
WITTERING																																	
WYTON																																	
SUFFOLK																																	
ALDEBURGH																																	
BROOMS BARN																																	
EAST BERCHOLT																																	
HAUGHLEY																																	
HONINGTON																																	
LOWESTOFT																																	
WATTISHAM																																	
BEDFORDSHIRE																																	
CARDINGTON																																	
LUTON																																	
SILSOE																																	
WOBURN																																	
HERTFORDSHIRE																																	
ALDENHAM SCHOOL																																	
GARSTON																																	
HODDESDON																																	
ROTHAMSTED																																	
ST ALBANS																																	
STANSTEAD ABBOTTS																																	
ESSEX																																	
CLACTON-ON-SEA																																	
HARLOW																																	
LITTLE PARNDON																																	
MALDON																																	
SHOBURYNNESS																																	
SOUTHEND																																	
STANFORD-LE-HOPE																																	
STANSTED																																	
WRITTLE																																	

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

SEPTEMBER 1976

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 10 DEG C	CONCRETE MIN. BELOW 5 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	15.6	9.0	12.3	-0.8	20.6	26	3.1	3	13.6	14.6	178	240	38	10	17	14	0	0	0	0	0	3	0	0	2	1	2	2.51	68	5	
BRAMHAM ...	9 9	54	16.6	8.8	12.7	-	21.4	26	4.5	3	-	-	169	292	47	10	18	13	0	0	0	0	0	3	0	0	1	-	0	-	-	-	-
HUDDESFIELD																																	
DAKES ...	21-9	232	15.9	8.8	12.3	-0.6	22.2	26	4.8	10	12.3	12.0	152	183	40	24	21	15	0	0	1	0	3	7	0	0	1	0	1	2.90	78	-	-
RAVENSKNOLLE	9 9	99	16.5	9.3	12.9	-0.5	22.1	20	3.8	3	14.2	15.2	135	205	35	24	17	14	0	0	0	0	0	0	2	0	0	0	0	2.91	80	-	-
ILKLEY ...	9 9	83	15.8	9.2	12.5	-0.6	21.0	26	2.4	3	-	-	203	234	45	11	18	12	0	0	0	0	0	0	1	0	0	0	0	2.33	63	-	-
TODMORDEN	9 9	160	15.5	8.3	11.9	-	20.8	20	1.7	3	-	-	167	-	30	24	17	13	0	0	0	0	0	0	1	0	0	0	0	-	-	-	-
PONTEFRAC	9 9	78	16.2	9.6	12.9	-0.6	21.4	26	5.1	14	-	-	177	354	47	30	18	13	0	0	0	0	1	2	0	0	0	0	0	-	-	-	-
WILSON ...	9 9	262	15.1	8.2	11.7	-	20.1	20.27	3.6	13	-	-	184	-	37	24	19	14	0	0	0	0	0	5	0	0	1	0	0	-	-	-	-
SOUTH YORKSHIRE																																	
FINNINGLEY	21-9	10	17.4	9.3	13.3	-	21.7	26	4.3	7	-	-	129	270	41	24	19	13	0	0	0	0	3	2	0	0	0	0	0	2.63	-	-	-
SHEFFIELD	9 9	131	16.4	9.6	13.0	-0.9	22.1	20	5.5	3	14.0	15.0	135	211	34	24	18	13	0	0	0	0	1	-	0	0	0	0	0	2.85	77	-	-
DERBYSHIRE																																	
ASHOVER ...	9 9	178	16.3	8.6	12.5	-	21.3	7	4.0	3	-	-	125	-	32	24	22	18	0	0	0	0	2	3	0	0	0	0	0	3.16	-	-	-
BUXTON ...	9 9	307	14.2	8.1	11.1	-0.8	19.0	21	2.5	3	13.0	14.1	144	130	46	24	18	16	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
DERBY ...	9 9	48	17.7	9.7	13.7	-	22.1	7	5.5	3	-	-	95	164	24	24	17	15	0	0	0	0	3	3	0	0	0	0	0	2.96	-	-	-
MORLEY ...	9 9	107	16.5	9.2	12.9	-	21.4	20	4.2	4	-	-	95	152	26	24	17	11	0	0	0	0	0	0	0	0	0	0	0	3.16	-	-	-
WINGERWORTH	9 9	126	16.3	7.5	11.9	-	20.7	20	1.7	18	13.1	-	128	-	32	24	21	16	0	0	0	0	3	9	0	0	6	2	0	2.72	-	-	-
NOTTINGHAMSHIRE																																	
MANSFIELD	9 9	114	16.3	9.3	12.8	-0.7	21.0	7.20	5.0	18	-	-	121	-	34	24	21	16	0	0	0	0	1	4	0	0	0	0	0	-	-	-	-
NEWHORPE	9 9	58	17.2	8.4	12.8	-	21.4	7.21	2.0	3	-	-	96	-	24	24	18	14	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
NOTTINGHAM	9 9	59	17.5	9.9	13.7	-0.4	22.0	20	5.0	2	14.9	16.3	94	187	27	24	18	15	0	0	0	0	0	0	2	0	0	0	0	3.47	89	-	-
SUTTON BONINGTON	9 9	48	17.3	9.2	13.5	-0.2	21.7	20	4.7	7	14.4	14.8	92	181	25	24	21	14	0	0	0	0	0	0	0	0	0	0	0	(3.58)	(90)	-	-
WARSOP	9 9	46	17.1	8.4	12.7	-	21.6	7	3.6	5	-	-	111	222	30	24	20	14	0	0	0	0	0	0	2	0	0	0	0	2.82	-	-	-
WATNALL	21-9	117	17.2	9.4	13.3	-0.2	21.6	7.20	4.7	18	-	-	96	160	21	24	19	13	0	0	0	0	0	0	0	0	0	0	0	2.94	76	-	-
STAFFORDSHIRE																																	
KEELE ...	9 9	179	15.6	9.0	12.3	-	21.0	21	4.9	13	13.5	13.9	124	169	19	24	20	15	0	0	0	0	2	0	0	0	0	0	0	2.46	-	-	-
ORRIDGE	9 9	125	16.3	8.9	12.6	-0.5	21.4	20	3.1	18	14.0	-	162	257	41	24	19	15	0	0	0	0	4	5	0	0	0	0	0	-	-	-	-
PENKIRIDGE	9 9	101	16.3	8.3	12.3	-	21.5	20	2.5	3.18	-	-	169	277	49	24	19	15	0	0	0	0	2	3	1	0	0	0	0	-	-	-	-
STONE	9 9	107	16.4	8.5	12.5	-	22.0	21	2.6	3	-	-	141	211	33	24	21	14	0	0	0	0	0	0	0	0	0	0	0	2.80	-	-	-
LEICESTERSHIRE																																	
CALDECOTT	9 9	52	17.4	9.2	13.3	-	21.5	6.7.20	4.5	7	-	-	84	172	27	24	13	11	0	0	0	0	2	4	0	0	0	0	0	3.31	-	-	-
NEWTOWN LINCOLN	9 9	119	17.1	8.4	12.7	-	21.9	5	4.2	18	-	-	87	156	29	24	17	11	0	0	0	0	2	4	0	0	0	0	0	3.31	-	-	-
SALOP																																	
NEWPORT ...	9 9	64	16.6	8.7	12.7	-0.4	22.3	21	2.6	3	-	-	153	255	29	24.25	19	13	0	0	0	0	3	1	0	0	0	0	0	3.02	78	-	-
OSWESTRY ...	9 9	174	15.5	9.0	12.3	-0.7	20.5	7	4.5	18	-	-	251	330	69	25	19	17	0	0	0	0	3	3	0	0	0	0	0	1.99	52	5	-
SHAWBURY ...	21-9	72	16.8	8.7	12.7	-0.8	21.6	6.20	3.2	7	-	-	175	291	47	25	17	14	0	0	0	0	4	2	0	0	0	0	0	2.72	69	-	-
SHREWSBURY	9 9	56	16.7	9.4	13.1	-0.6	21.9	7	4.4	7	14.4	16.1	183	315	56	25	17	16	0	0	0	0	2	3	0	0	0	0	0	2.83	72	-	-
WEST MIDLANDS																																	
BIRMINGHAM																																	
EDGBASTON ...	21-9	163	16.1	10.0	13.1	-0.7	21.0	21	6.2	18	13.3	-	159	245	37	24	20	15	0	0	0	0	5	3	0	0	0	0	0	3.10	79	-	-
EDMON AIRPORT	21-9	96	16.7	8.9	12.8	-0.6	21.4	7.20	3.6	18	-	-	125	-	23	24	17	13	0	0	0	0	5	1	0	0	0	0	0	3.29	79	-	-
KING EDWARD SCHOOL	9 9	137	16.3	9.4	12.9	-	21.4	20	4.4	19	-	-	158	259	35	24	20	14	0	0	0	0	0	4	0	0	0	0	0	-	-	-	-
COVENTRY AIRPORT	9 9	81	16.9	8.7	12.8	-	21.8	20	0.4	3	14.4																						

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	MOST IN A DAY	PRECIP- ITATION	SNOW OR SLEET	SNOW LYING AT 9H	HAIR	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS MIN. BELOW 0 DEG C	CONCRETE MIN. BELOW 0 DEG C	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE		
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE																				0.2 MM OR MORE	1.0 MM OR MORE
5 ENGLAND SE & CENTRAL S.																															
GREATER LONDON																															
BROMLEY ...	9 9	65	10.8	10.6	14.7	-0.1	24.0	7.8	6.0	6	-	-	97	156	17	10	16	13	-	-	-	-	-	-	-	-	-	-	-	-	-
ENFIELD ...	9 9	17	19.1	11.5	15.3	-	24.2	8	8.6	19	15.6	15.7	130	29	11	16	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GREENWICH ...	9 9	7	10.9	11.1	15.0	-	24.7	8	8.0	3	-	-	91	157	18	10	17	14	-	-	-	-	-	-	-	-	-	-	-	-	-
HAMPSTEAD ...	9 9	137	10.1	10.6	14.3	0.0	23.6	7	6.6	3	-	-	101	169	26	10	16	14	-	-	-	-	-	-	-	-	-	-	-	-	-
HAMPTON ...	9 9	12	10.5	11.1	14.8	-0.3	23.8	7	7.2	3	-	-	107	209	29	10	16	15	-	-	-	-	-	-	-	-	-	-	-	-	-
HARROW WEALD ...	9 9	98	10.2	9.6	13.9	-	23.0	7.8	6.0	3	15.7	16.2	119	24	10	15	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HEATHROW AIRPORT ...	21-9	25	19.0	11.3	15.1	+0.2	24.8	8	7.5	3	-	-	97	186	25	10	14	13	-	-	-	-	-	-	-	-	-	-	-	-	-
KENSINGTON PALACE ...	9 9	25	19.0	11.3	15.1	-0.3	24.1	8	8.1	3	16.6	17.2	102	179	31	10	16	14	-	-	-	-	-	-	-	-	-	-	-	-	-
KEN	21-9	6																													
PSYCHROMETER ...			10.6	10.0	14.3	-	23.7	8	4.7	5	14.9	14.9	107	206	29	10	16	13	-	-	-	-	-	-	-	-	-	-	-	-	-
NORTH WALL SCREEN ...			10.6	11.0	14.8	-0.1	23.4	7	7.5	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LONDON																															
WEATHER CENTRE (X) ...	21-9	77	19.0	12.5	15.7	-	24.2	8	9.1	10	-	-	80	-	22	10	16	13	-	-	-	-	-	-	-	-	-	-	-	-	-
ST JAMES PARK ...	9 9	4	19.1	11.7	15.4	-0.1	24.1	8	8.8	14	-	-	88	162	24	10	16	15	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTHGATE ...	9 9	67	10.7	10.6	14.7	-0.1	23.2	7.8	7.4	3	15.3	-	95	170	25	10	16	13	-	-	-	-	-	-	-	-	-	-	-	-	-
WADDON ...	9 9	59	19.6	10.7	15.1	+0.3	24.5	27	6.0	5	-	-	95	155	27	10	16	13	-	-	-	-	-	-	-	-	-	-	-	-	-
WEALDSTONE ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WILTSHIRE																															
BOSCOMBE DOWN ...	21-9	126	17.6	9.4	13.5	-0.4	22.9	8	4.6	3	-	-	113	176	29	10	17	13	-	-	-	-	-	-	-	-	-	-	-	-	-
LACOCK ...	9 9	49	17.9	8.9	13.4	-	23.2	7	3.4	3	-	-	167	266	61	24	14	13	-	-	-	-	-	-	-	-	-	-	-	-	-
LARKHILL ...	9 9	132	17.7	9.2	13.5	-0.2	22.8	7.8	4.6	8	-	-	117	174	37	25	17	13	-	-	-	-	-	-	-	-	-	-	-	-	-
LYNEHAM ...	21-9	145	17.3	9.6	13.5	-0.2	22.8	7	5.5	3	-	-	129	207	32	25	17	13	-	-	-	-	-	-	-	-	-	-	-	-	-
PORTON ...	9 9	110	17.5	9.0	13.3	-0.3	22.2	7	4.0	3	14.7	-	115	170	18	10	16	15	-	-	-	-	-	-	-	-	-	-	-	-	-
UPAVON ...	21-9	179	17.3	9.4	13.3	-	23.1	6	4.4	3	-	-	113	167	25	25	17	13	-	-	-	-	-	-	-	-	-	-	-	-	-
BERKSHIRE																															
EASTHAMPTON ...	9 9	77	17.9	8.6	13.3	-	23.3	8	1.3	3	14.7	14.8	115	-	19	10	16	14	-	-	-	-	-	-	-	-	-	-	-	-	-
HURLEY ...	9 9	43	17.9	9.5	13.7	-	23.0	7.8	6.0	3	15.1	-	132	221	27	10	16	15	-	-	-	-	-	-	-	-	-	-	-	-	-
LAMBOURN (WARREN FARM) ...	9 9	192	16.7	9.1	12.9	-	22.2	7	4.8	17	14.5	-	91	-	17	10	16	15	-	-	-	-	-	-	-	-	-	-	-	-	-
READING ...	9 9	66	17.8	9.8	13.8	-	23.2	7	5.6	3	14.9	15.0	111	-	24	10	17	14	-	-	-	-	-	-	-	-	-	-	-	-	-
SHINFIELD (N.I.R.D.) ...	9 9	62	18.1	9.7	13.9	-	23.8	7	4.4	3	-	-	105	-	22	10	17	13	-	-	-	-	-	-	-	-	-	-	-	-	-
SURREY																															
MERRIST WOOD ...	9 9	46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MICKLEHAM ...	9 9	55	18.5	9.0	13.7	-0.2	23.5	7.8	1.9	3	15.1	15.3	100	149	27	10	17	15	-	-	-	-	-	-	-	-	-	-	-	-	-
WISLEY ...	9 9	35	18.9	9.5	14.2	-0.2	24.5	7	3.0	3	15.2	15.7	123	223	43	10	17	16	-	-	-	-	-	-	-	-	-	-	-	-	-
KENT																															
DOVER ...	9 9	6	-	-	-	-	-	-	-	-	-	-	217	301	44	10	20	17	-	-	-	-	-	-	-	-	-	-	-	-	-
DOVER R.M.S. ...	9 9	123	-	11.4	-	-	-	-	7.0	10	-	-	150	250	32	11	16	15	-	-	-	-	-	-	-	-	-	-	-	-	-
DUNGENESS ...	9 9	3	17.9	12.0	14.9	-	21.8	1	7.7	3	-	-	108	180	21	10	17	14	-	-	-	-	-	-	-	-	-	-	-	-	-
EAST MALLING ...	9 9	32	10.4	9.9	14.1	-0.1	24.0	8	6.1	19	15.7	16.1	139	253	25	24	19	15	-	-	-	-	-	-	-	-	-	-	-	-	-
ELMSTONE ...	9 9	5	10.7	9.0	13.9	-	23.3	8	3.9	8	-	-	124	197	17	10	18	16	-	-	-	-	-	-	-	-	-	-	-	-	-
FAVERSHAM ...	9 9	48	10.2	10.4	14.3	-	23.3	8	6.0	19	15.1	16.4	129	255	25	10	16	15	-	-	-	-	-	-	-	-	-	-	-	-	-
FOLKESTONE ...	9 9	31	17.4	11.1	14.3	-	21.2	1	6.6	8	-	-	167	168	27	39	11	17	16	-	-	-	-	-	-	-	-	-	-	-	-
GILLINGHAM ...	9 9	4	19.0	10.9	14.9	-	24.4	8	7.7	3	-	-	105	186	25	10	16	14	-	-	-	-	-	-	-	-	-	-	-	-	-
GOUDHURST ...	9 9	85	17.8	9.6	13.7	-0.2	23.4	8	5.2	8	-	-	140	197	27	10	20	16	-	-	-	-	-	-	-	-	-	-	-	-	-
HADLOW COLLEGE ...	9 9	30	18.4	9.3	13.9	-	23.4	8	3.6	8	15.7	16.3	131	-	24	10	18	16	-	-	-	-	-	-	-	-	-	-	-	-	-
HERNE BAY ...	9 9	31	18.0	10.7	14.3	-	23.0	8	7.0	23	15.9	-	125	-	22	13	13	12	-	-	-	-	-	-	-	-	-	-	-	-	-
MANSTON ...	21-9	44	17.7	11.3	14.5	-	22.7	8	7.2	19	-	-	151	295	28	13	18	16	-	-	-	-	-	-	-	-	-	-	-	-	-
MARGATE ...	9 9	16	17.6	12.9	15.3	-0.2	22.7	8	9.1	12																					

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

SEPTEMBER 1976

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	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 LE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE																																																		
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE					DATE	0.2 MM OR MORE	1.0 MM OR MORE																																																																
7A ENGLAND NW & I.O.M.																																																																																	
CUMBRIA																																																																																	
CARLISLE ...	21-9	26	16.0	9.4	12.7	-	20.1	4	0.4	3	14.4	14.8	92	95	25	10	14	10	0	0	0	0	2	0	0	3	0	0	0	2.78	-																																																		
CARTMEL ...	9 9	34	(16.1)	(9.1)	(12.6)	-	-	-	-	-	-	-	209	95	39	21	18	13	0	0	0	0	0	0	1	11	0	0	2	-	-																																																		
CRIZEDALE ...	9 9	91	-	6.3	-	-	-	-	-0.2	13	12.5	-	191	95	39	21	18	13	0	0	0	0	0	0	0	0	0	0	0	-	-																																																		
HEVERSHAM ...	9 9	30	-	-	-	-	-	-	-	-	-	-	229	126	73	11	19	15	1	0	0	0	0	2	1	8	-	2	2.30	-																																																			
MOOR HOUSE ...	9 9	556	11.6	5.9	8.7	-	15.7	26	-0.7	13	9.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																																																			
NEWTON RIGG ...	9 9	171	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																																																			
SELLAFIELD ...	9 9	13	16.4	10.7	13.5	-	19.4	1	4.2	13	-	-	187	156	43	21	15	14	-	0	-	-	1	0	0	-	-	-	-	2.87	-																																																		
LANCASHIRE																																																																																	
BAILRIGG ...	9 9	53	-	-	-	-	-	-	-	-	-	-	143	98	22	11	20	14	0	0	0	0	0	0	0	2	0	0	0	2.32	-																																																		
HELSHORE ...	9 9	260	14.9	8.8	11.9	-	19.4	21	5.0	13	12.6	-	176	175	31	13	18	16	0	0	0	0	0	0	0	0	0	0	0	2.89	-																																																		
KIRKHAM ...	9 9	24	16.3	9.2	12.7	-	20.2	20	0.9	13	-	-	150	122	19	21	14	12	0	0	0	0	0	0	0	0	0	0	0	1.60	39																																																		
MORECAMBE ...	9 9	7	16.9	10.2	13.5	-0.4	21.0	20	3.3	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																																																			
NELSON ...	9 9	165	-	-	-	-	-	-	-	-	-	-	125	116	19	25	19	15	0	0	0	0	1	0	0	3	0	0	0	2.59	-																																																		
PRESTON ...	9 9	33	16.6	9.4	13.0	-	20.7	20	1.6	13	-	-	126	86	26	10	17	13	0	0	0	0	0	0	0	0	0	0	0	3.01	69																																																		
SLAIDBURN ...	9 9	192	15.1	7.9	11.5	-	18.7	4,20	0.0	13	-	-	200	220	48	21	20	17	0	0	0	0	0	0	0	0	0	0	0	-	-																																																		
SQUIRES GATE AIRPORT	21-9	10	16.8	9.6	13.2	-0.7	21.5	26	1.4	13	-	-	119	99	25	12	17	15	-	0	-	-	-	-	-	-	-	-	-	-	-																																																		
STONYHURST ...	9 9	115	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																																																		
MERSEYSIDE																																																																																	
ALBURNTH ...	9 9	12	16.4	10.2	13.3	-	20.6	7	2.7	14	-	-	210	-	43	21	20	12	0	0	0	0	2	2	0	-	-	0	-	2.73	-																																																		
ST HELENS ...	9 9	76	16.4	(9.8)	(13.1)	-	21.2	26	-	-	13.9	-	199	-	33	21	21	14	-	0	-	-	-	-	-	-	-	-	-	-	-																																																		
SOUTHPORT ...	9 9	5	16.4	9.4	12.9	-0.8	20.6	20	1.6	13	13.5	14.1	198	222	52	21	19	14	-	0	-	-	0	0	1	0	0	0	3.09	71																																																			
SPEKE AIRPORT ...	21-9	22	16.7	10.0	13.3	-1.0	21.3	20	4.0	13	-	-	211	-	42	21	19	12	0	0	0	0	2	2	0	0	0	0	0	2.73	70																																																		
WEST KIRBY PARK ...	9 9	8	17.2	10.7	13.9	-0.4	21.6	26	3.8	13	-	-	209	295	65	25	17	13	0	0	0	0	0	0	0	0	0	0	0	-	-																																																		
GREATER MANCHESTER																																																																																	
BOLTON ...	9 9	107	16.2	8.7	12.5	-	20.8	20	2.6	3	13.4	13.9	102	-	19	24	15	14	0	0	0	0	0	0	0	2	-	0	2.58	72	-																																																		
MANCHESTER ...	9 9	107	16.2	8.7	12.5	-	20.8	20	2.6	3	13.4	13.9	102	-	19	24	15	14	0	0	0	0	0	0	0	0	0	0	0	2.58	72																																																		
RINGWAY AIRPORT ...	21-9	75	16.7	9.9	13.3	-0.4	21.6	21	4.0	3	-	-	112	147	29	24	18	14	0	0	0	0	1	1	0	0	0	0	0	3.22	81																																																		
WEATHER CENTRE (X)	21-9	69	17.0	10.9	13.9	-	21.5	20	5.8	13	-	-	95	-	25	24	18	12	-	-	-	-	0	0	0	0	0	0	0	3.15	-																																																		
CHESHIRE																																																																																	
KNUTSFORD ...	9 9	65	17.0	8.5	12.7	-	21.7	20	2.9	3	14.6	15.1	125	163	26	24	19	17	0	0	0	0	0	2	0	1	-	0	-	-	-																																																		
MACLESFIELD ...	9 9	152	15.9	9.1	12.5	-0.8	21.1	20	3.4	2	-	-	123	148	35	24	17	14	0	0	0	0	0	0	0	0	0	0	0	-	-																																																		
NESS GARDENS ...	9 9	55	16.6	9.9	13.3	-	21.6	20,21	5.3	13	13.9	-	243	362	80	25	18	13	-	-	-	-	1	3	0	0	-	0	0	2.53	-																																																		
WINNINGTON ...	9 9	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																																																		
ISLE OF MAN																																																																																	
DOUGLAS ...	9 9	87	14.7	10.8	12.7	-0.3	17.1	6	6.3	17	-	-	203	182	64	10	13	13	0	0	0	0	0	0	0	0	0	1	2.85	65	-																																																		
POINT OF AYRE ...	21-9	9	16.0	11.7	13.9	0.0	20.4	8	6.9	17	-	-	136	162	26	25	17	12	0	0	0	0	2	0	0	-	2	2	2.73	61	-																																																		
RONALDSWAY AIRPORT	21-9	16	15.6	10.5	13.1	-0.2	18.6	6	4.0	17	-	-	148	174	34	10	15	14	0	0	0	0	2	0	0	0	0	1	3.02	70	-																																																		
7B WALES N																																																																																	
GWYNEDD																																																																																	
ABER ...	9 9	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																																																		
BALA ...	9 9	163	15.7	7.5	11.6	-	20.7	7	2.0	6	13.9	14.7	214	191	41	11	18	16	0	0	0	0	1	1	0	0	0	0	0	2.41	-																																																		
BARSEY ISLAND ...	21-9	16	15.4	11.7	13.5	-	18.0	7	8.5	12	-	-	163	188	36	24,25	16	11	0	0	0	0	3	0	0	0	0	0	0	0	-	-																																																	
BOTWNOG ...	9 9	34	16.6	9.5	13.1	-	21.5	26	4.0	17	14.0	15.4	135	125	28	11	17	14	0	0	0	0	0	0	0	0	0	0	0	2.51	-																																																		
CMYSTADOLLYN ...	9 9	204	14.9	9.4	12.1	-	19.0	26	5.0	17	-	-	303	-	67	10	21	17	-	-	-	-	-	-	-	-	-	-	-	-	-																																																		
LLYN ALAW ...	9 9	44	16.1	9.6	12.9	-	20.0	7	2.0	10	-	-	151	-	34	11	18	14																																																															

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

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SEPTEMBER 1976

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					
														MAX. (A) MIN. (B)		DAILY MEAN (MEAN OF A+B)		DIFFERENCE FROM 1941-70 AVERAGE		HIGHEST MAXIMUM		LOWEST MINIMUM		30 CM DEGREES C 100 CM DEGREES C		TOTAL FALL (MM) PERCENTAGE OF 1941-70 AVERAGE		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 MINUS 0 DEGS C WIND-CHILL DEGREES C DALE												DAILY MEAN (HOURS) PERCENTAGE OF 1941-70 AVERAGE		EXPOSURE	
8A WALES S CONTINUED																																															
WEST GLAMORGAN														21-9 36		17.1 11.5 14.3		- - -		21.3 7		8.2 11																									
MUMBLES HEAD														21-9 36		17.1 11.5 14.3		- - -		21.3 7		8.2 11																									
NEATH														9 9 62		17.1 10.1 13.6		- - -		21.0 20		4.3 3																									
PENMAEN														9 9 85		16.9 10.6 13.7		- - -		20.8 7		6.5 3		15.0 15.8		102 79		22 10		17 18		3 0															

[illegible]

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

[illegible]

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

SEPTEMBER 1976

HEIGHT OF BAROMETER ABOVE MSL (METRES)		HOUR OF OBSERVATION (GMT)	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT							VISIBILITY							WIND SPEED AND DIRECTION															
			AT MSL (MB)	DIFFERENCE FROM 1941-70 AVERAGE	DRY BULB DEGREES C	DEPRESSION OF WET BULB DEGREES C	VAPOUR PRESSURE (MB)	RELATIVE HUMIDITY (%)	OKTAS							VISIBILITY							BEAUFORT FORCE															
									MEAN	0	1-2	3-5	6-7	8	SKY OBSERVED	0-39M	40-190M	200-390M	400-990M	1000-1900M	2000-3900M	4-9KM	10-19KM	20-39KM	40KM AND OVER	SPEED (KT)												
																										34 OR MORE	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
NUMBER OF OBSERVATIONS																																						
4 MIDLAND COUNTIES																																						
WEST YORKSHIRE																																						
HUDDERSFIELD OAKES	235	3	1013.4	-	9.5	0.7	10.9	90	6.1	1	2	7	3	17	0	0	2	2	2	3	4	2	11	4	0	0	1	5	21	3	5	4	2	0	1	6	7	
	9	1013.9	-	11.5	1.1	11.9	86	7.0	0	1	1	12	16	0	0	0	0	7	1	4	7	3	8	0	0	0	3	4	23	1	7	2	3	3	0	3	10	
	15	1013.5	-	14.5	2.5	12.3	74	7.0	0	0	0	3	14	13	0	0	0	0	1	0	2	7	9	11	0	0	0	3	4	23	0	8	2	1	5	3	2	4
	21	1014.0	-	11.4	1.0	11.9	88	6.8	1	0	4	8	17	0	0	0	1	0	0	6	4	8	11	0	0	0	1	7	22	0	9	2	2	5	2	1	6	3
WILSDEN	267	3	1013.7	-	9.6	0.6	11.1	92	6.0	3	3	3	2	13	6	0	1	3	2	2	2	6	14	0	0	0	1	6	20	3	3	0	7	4	0	1	10	
	9	1014.1	-	11.0	1.0	11.6	87	6.6	0	2	3	10	11	4	0	2	0	3	2	3	6	10	4	0	0	0	2	6	21	1	4	1	6	4	1	2	8	
	15	1013.5	-	13.7	2.4	11.6	74	6.7	0	0	0	5	12	11	2	0	1	1	0	3	1	7	12	5	0	0	0	12	18	0	4	3	7	4	2	0	7	
	21	1014.1	-	11.0	1.0	11.7	88	6.7	0	3	4	2	17	4	0	3	1	0	2	2	8	14	0	0	0	2	4	22	2	3	3	8	4	0	3	4		
SOUTH YORKSHIRE																																						
FINNINGLEY	15	3	1013.0	-	10.7	0.7	11.9	91	5.7	3	4	3	4	15	1	0	1	1	1	5	4	7	3	6	2	0	0	5	24	1	5	2	4	5	4	2	2	
	9	1013.5	-1.1	13.2	1.5	12.6	82	6.2	1	2	2	18	7	0	0	1	0	1	1	7	6	3	2	2	0	0	9	21	0	6	3	5	4	1	1	3		
	15	1013.0	-	16.3	3.1	12.8	69	6.2	0	1	7	14	8	0	0	0	0	0	0	1	5	12	10	2	0	0	14	16	0	7	2	3	8	0	4	2		
	21	1013.6	-	12.2	1.1	12.5	87	5.4	1	7	4	8	10	0	0	0	0	0	2	3	8	7	2	0	0	1	8	20	1	5	0	5	6	3	1	5		
NOTTINGHAMSHIRE																																						
WATNALL	119	3	1013.4	-	10.5	0.6	11.8	92	5.0	6	5	1	5	12	1	0	1	1	1	2	4	9	8	4	0	0	0	5	22	3	5	5	2	2	2	5	4	
	9	1013.8	-1.0	12.5	1.3	12.4	84	6.8	0	3	0	13	12	2	0	2	0	1	6	1	12	3	5	0	0	0	5	25	0	4	3	4	4	1	5	4		
	15	1013.3	-	16.2	3.4	12.2	66	6.6	0	1	5	14	10	0	0	0	0	0	0	3	5	9	11	2	0	0	12	18	0	6	2	4	2	6	1	7		
	21	1013.9	-	12.2	1.2	12.2	85	5.8	2	4	4	7	13	0	0	0	0	0	2	3	13	9	3	0	0	0	6	21	3	6	3	5	4	2	2	3		
SALOP																																						
SHAWBURY	76	3	1013.3	-	10.2	0.7	11.5	91	5.7	1	3	7	13	5	1	0	1	0	0	3	4	3	9	9	1	0	0	5	22	3	4	1	8	2	1	8	2	
	9	1014.0	-1.2	12.7	1.4	12.5	84	6.8	0	0	6	9	14	1	0	1	0	1	3	2	9	2	11	1	0	0	5	25	0	5	0	7	3	3	5	4		
	15	1013.3	-	15.8	2.9	12.8	71	6.9	0	0	3	14	13	0	0	0	0	0	0	4	7	6	8	5	0	0	10	20	0	6	3	3	6	1	2			
	21	1013.6	-	12.2	1.1	12.5	87	6.5	0	3	4	11	12	0	0	0	0	2	1	2	12	7	6	0	0	0	5	25	0	9	1	4	5	3	2	4		
WEST MIDLANDS																																						
EDGBASTON	165	9	1013.9	-1.5	12.0	1.2	12.1	86	6.9	0	1	3	14	11	1	0	1	1	1	3	3	13	7	1	0	0	4	23	3	7	0	3	3	5	3	3		
	15	1013.2	-	15.4	3.2	11.9	68	7.0	0	0	2	17	11	0	0	0	0	1	1	1	7	13	6	1	0	1	3	25	1	5	1	2	3	6	4	3		
	21	1013.6	-	13.1	1.7	12.2	81	6.5	0	3	3	13	11	0	0	0	0	0	0	3	10	12	5	0	0	0	4	23	3	5	2	3	4	6	1	2		
	21	1013.6	-	13.1	1.7	12.2	81	6.5	0	3	3	13	11	0	0	0	0	0	3	10	12	5	0	0	0	0	4	23	3	5	2	3	4	6	1	2		
ELMDON	100	3	1013.4	-	10.4	0.8	11.5	90	5.8	1	6	5	4	12	2	0	1	0	2	2	5	4	8	7	1	0	1	2	21	6	4	1	3	2	3	2	5	
	9	1013.9	-1.4	12.7	1.4	12.4	84	6.7	0	3	2	12	12	1	0	1	0	0	3	4	14	7	1	0	0	0	7	23	0	3	1	3	5	5	2	3		
	15	1013.3	-	15.8	3.3	12.1	68	6.6	0	0	6	14	10	0	0	0	0	2	1	3	17	7	0	0	0	0	9	20	1	3	1	1	5	6	4	4		
	21	1013.6	-	12.6	1.5	12.1	82	6.0	0	5	3	11	11	0	0	0	0	0	6	5	11	8	0	0	0	1	4	23	2	7	3	1	8	2	1	2		
HEREFORD & WORCESTER																																						
PERSHORE	36	3	1013.1	-	10.7	0.8	11.8	90	5.6	2	5	3	9	11	0	0	0	1	0	1	3	5	11	7	2	0	0	2	21	7	4	5	2	3	4	0	3	
	9	1013.7	-	13.1	1.4	12.8	84	6.3	0	4	2	14	10	0	0	0	0	1	1	5	8	8	2	0	1	2	26	1	7	1	5	2	3	4	0			
	15	1013.0	-	16.5	3.3	12.7	68	6.9	0	0	5	14	11	0	0	0	0	0	1	3	8	15	3	0	0	11	19	0	6	2	2	4	2	3	7			
	21	1013.3	-	13.0	1.5	12.6	83	5.8	0	5	4	11	10	0	0	0	0	0	1	6	9	13	1	0	1	5	24	0	6	2	6	5	3	3	2			
GLOUCESTER																																						
INNORTH	-	3	1012.9	-	11.5	0.8	12.5	90	5.8	1	3	6	9	11	0	0	0	0	0	2	3	7	9	8	1	0	0	2	17	11	4	3	0	2	5	1	2	
	9	1013.8	-	13.7	1.5	13.1	83	6.1	0	3	6	12	9	0	0	0	0	0	0	3	9	5	4	0	0	0	6	19	5	7	0	3	4	2	1	4		
	15	1013.0	-	17.0	3.3	13.2	68	6.8	0	1	3	13	13	0	0	0	0	0	0	5	9	11	5	0	1	10	18	1	8	2	3	3	5	5	1			
	21	1013.3	-	13.6	1.5	13.1	83	5.8	2	2	5	9	12	0	0	0	0	0	0	0	1	10	8	10	1	0	1	2	20	7	5	1	3	0	7	2	3	
LITTLE OXFORDSHIRE																																						
REPORTS TERMINATED																																						
BENSON	74	3	1013.2	-	11.6	0.8	12.4	90	5.9	1	4	4	10	11	0	0	1	0	1	0	3	11	9	2	3	0	0	8	14	8	4	0	7	2	3	2		
	9	1014.0	-	13.1	1.4	12.8	84	6.0	1	3	4	12	10	0	0	0	1	0	0	2	12	7	5	3	0	0	5	23	2	4	0	3	5	6	1	4		
	15	1013.2	-	17.1	3.7	12.6	65	6.6	0	0	5	18	7	0	0	0	0	0	0	1	8	13	8	0	0	0	12	18	0	4	2	5	2	4	5	3		
	21	1013.6	-	13.5	1.5	12.9	83	5.6	0	5	7	7	11	0	0	0	0	0	0	3	6	12	7	2	0	0	6	17	7	4	1	5	4	6	1	2		
BRIZE NORTON	92	3	1013.1	-	11.1	0.9	11.9	89	5.5	6	1	5	4	14	0	0	1	0	2	6	5	9	4	3	0	0	3	24	3	3	5	1	5	1	1	7		
	9	1013.8	-	13.0	1.4	12.6	83	5.9	1	5	2	11	11	0	0	0	0	1	3	10	10	4	2	0	0	4	26	0	5	0	7	4	4	4	2			
	15	1013.1	-	16.4	3.6	12.0	65	6.7	0	1	3	18	8	0	0	0	0	0	1	3	6	15	5	0	0	11	19	0	4	1	4	2	7	2	6			
	21	1013.5	-	12.9	1.6	12.3	82	4.9	3	6	4	8	9	0	0	0	0	0	0	2	6	9	12	1	0	0	5	21	4	2	2	5	3	4	3	2		
5 ENGLAND SE & CENT. S.																																						
GREATER LONDON																																						
HEATHROW	26	3	1013.1	-	12.3	0.8	13.0	90	6.0	1	4	4	10	10	1	0	0	0	1	1	3	16	5	4	0	0	0	4	26	0	3	3	3	6	5	4	3	
	9	1013.9	-2.1	14.3	1.8	13.2	80	6.0	1	3	3	16	7	0	0	0	0	0	1	3	13	6	6	1	0	0	4	26	0	5	2	4	4	3	3	5		
	15	1013.2	-	17.9	4.1	12.7	62	6.2	0	2	7	16	5	0	0	0	0	0	0	4	11	13	2	0	0	10	20	0	5	1	4	0	6	3	7			
	21	1013.6	-	14.6	1.9</																																	

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

SEPTEMBER 1976

HEIGHT OF BAROMETER ABOVE MSL (METRES)	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT						VISIBILITY						WIND SPEED AND DIRECTION																									
		AT MSL (MB)	DIFFERENCE FROM 1941-70 AVERAGE	DRY BULB DEGREES C	DEPRESSION OF WET BULB DEGREES C	VAPOUR PRESSURE (MB)	RELATIVE HUMIDITY (%)	OKTAS						0 - 39M	40 - 190M	200 - 390M	400 - 990M	1000 - 1900M	2000 - 3900M	4 - 9M	10 - 19M	20 - 39M	40KM AND OVER	BEAUFORT FORCE						N	NE	E	SE	S	SW	W	NW								
								MEAN	0	1 - 2	3 - 5	6 - 7	8											SKY OBSERVED	34 OR MORE	22-33	11-21	1-10	0									SPEED (KT)							
																																						N	NE	E	SE	S	SW	W	NW
NUMBER OF OBSERVATIONS																																													
5 ENGLAND SE & CENT. S.																																													
HAMPSHIRE																																													
SOUTHAMPTON WEATHER CENTRE (X)	9	3	1013.0	-	12.7	1.0	13.2	88	4.8	4	5	4	7	9	1	0	0	1	1	0	2	8	8	10	0	0	0	2	25	3	4	2	4	2	3	1	7	4							
	15	9	1014.0	-	14.5	1.9	13.3	80	5.4	1	5	6	10	8	0	0	0	0	0	7	5	8	10	0	0	0	3	27	0	4	3	6	2	4	6	2	3								
	21	15	1013.4	-	17.7	3.8	12.9	63	6.1	0	1	6	19	4	0	0	0	0	0	4	6	19	1	0	0	0	2	28	0	4	0	4	4	6	5	7	4								
WEST SUSSEX																																													
GATWICK	60	3	1013.3	-	10.9	0.4	12.6	95	5.5	4	2	6	6	11	1	0	3	2	6	0	5	9	4	1	0	0	0	4	18	8	5	4	5	0	3	2	2	1							
	9	9	1014.0	-2.3	13.8	1.4	13.4	85	5.6	1	4	5	13	7	0	0	0	0	0	2	6	11	6	2	3	0	0	3	27	0	4	1	6	2	3	2	4	3							
	15	15	1013.4	-	17.4	3.8	12.6	64	6.2	0	2	6	15	7	0	0	0	0	0	0	5	6	11	8	0	0	0	8	22	0	6	0	3	3	5	4	1	3							
THORNEY ISLAND	5	3	1013.2	-	12.1	0.7	13.1	91	4.8	3	7	4	5	11	0	0	0	3	1	4	6	9	7	0	0	1	5	22	2	6	2	5	1	5	0	4	5								
	9	9	1014.2	-2.1	14.8	1.6	14.2	83	5.1	0	8	5	10	7	0	0	0	0	0	2	5	13	8	2	0	0	6	24	0	6	0	7	1	5	0	3	3								
	21	15	1013.7	-	16.9	2.9	13.7	71	6.1	0	2	6	16	6	0	0	0	0	0	3	9	11	7	0	0	0	17	13	0	3	0	4	4	12	2	2									
7A ENGLAND NW & I.O.M.																																													
CUMBRIA																																													
CARLISLE	28	3	1013.7	-	10.4	0.8	11.5	89	6.0	2	4	1	12	11	0	0	0	0	0	3	12	4	10	1	0	0	0	10	20	2	3	2	12	3	1	1	0	3							
	9	9	1014.1	+0.8	12.4	1.4	12.2	83	6.6	0	0	7	15	8	0	0	0	0	0	1	6	10	19	4	0	0	8	19	1	4	2	8	3	2	0	3	7								
	15	15	1013.7	-	15.0	2.7	12.3	72	7.0	0	0	2	17	11	0	0	0	0	0	1	3	8	10	8	0	0	12	18	0	2	5	8	4	3	1	5	2								
LANCASHIRE																																													
SQUIRES GATE	11	3	1013.3	-	10.7	0.7	12.0	91	5.4	2	5	5	10	8	0	0	0	0	1	1	5	6	7	5	5	0	1	10	18	1	4	3	11	4	2	1	3	5							
	9	9	1014.0	0.0	13.0	1.3	12.8	85	6.8	0	2	1	19	8	0	0	0	0	0	5	10	5	8	2	0	1	11	18	0	6	1	10	4	2	2	6	5								
	15	15	1013.6	-	15.8	2.6	13.2	73	6.8	0	1	3	17	9	0	0	0	0	0	1	3	10	10	6	0	1	15	14	0	5	0	3	7	2	2	6	5								
MERSEYSIDE																																													
SPEKE	24	3	1012.9	-	11.3	0.9	12.1	89	5.8	0	7	3	10	9	1	0	1	0	0	1	3	11	4	5	5	0	0	6	22	2	5	0	9	3	4	1	3	3							
	9	9	1013.5	-0.9	12.7	1.2	12.6	85	6.5	0	1	6	13	9	1	0	1	0	1	2	5	10	5	3	3	0	0	9	20	1	4	2	6	7	3	1	1								
	15	15	1013.0	-	15.7	2.8	12.9	72	6.2	0	3	3	17	7	0	0	0	0	0	2	7	8	6	7	0	0	12	18	0	4	2	3	4	6	1	4	6								
GREATER MANCHESTER																																													
MANCHESTER WEATHER CENTRE (X)	42	3	1013.0	-	10.4	0.8	11.5	89	6.0	2	4	1	12	11	0	0	0	0	0	3	12	4	10	1	0	0	0	10	20	2	3	2	12	3	1	1	0	3							
	9	9	1014.0	0.0	13.0	1.3	12.8	85	6.8	0	2	1	19	8	0	0	0	0	0	5	10	5	8	2	0	1	11	18	0	6	1	10	4	2	2	6	5								
	15	15	1013.6	-	15.8	2.6	13.2	73	6.8	0	1	3	17	9	0	0	0	0	0	1	3	10	10	6	0	1	15	14	0	5	0	3	7	2	2	6	5								
RINGWAY																																													
84	3	1013.3	-	11.0	1.2	11.3	85	5.4	3	3	7	7	10	9	0	0	0	1	0	4	12	3	9	1	0	0	6	22	2	4	2	5	2	10	1	3	1								
	9	9	1013.9	-0.6	12.8	1.9	11.6	77	6.4	0	3	4	14	9	0	0	0	1	2	5	9	8	5	0	0	0	9	21	0	3	2	6	3	5	3	5	5								
	15	15	1013.4	-	15.9	3.7	11.4	63	6.6	0	1	4	20	5	0	0	0	0	3	5	9	11	2	0	1	16	13	0	6	1	4	5	4	2	4	4									
ISLE OF MAN																																													
POINT OF AYRE	9	3	1013.0	-	10.4	0.8	11.5	89	6.0	2	4	1	12	11	0	0	0	0	0	3	12	4	10	1	0	0	0	10	20	2	3	2	12	3	1	1	0	3							
	9	9	1014.0	+1.0	13.6	1.5	13.0	83	6.6	0	1	7	15	0	0	0	0	0	2	2	8	6	12	1	2	18	8	1	6	2	3	5	4	1	4	4									
	15	15	1013.6	-	15.1	2.3	13.2	76	6.7	0	1	5	8	16	0	0	0	0	0	3	8	7	12	0	3	14	13	0	4	4	4	7	2	0	1	5	5								
RONALDSWY																																													
21	3	1013.1	-	11.8	1.1	12.1	86	6.0	0	4	6	9	11	0	0	0	0	1	1	7	5	8	8	0	4	10	12	4	7	1	7	1	3	0	3	6									
	9	9	1013.9	+0.5	13.2	1.6	12.5	81	6.5	0	2	5	12	11	0	0	0	1	4	6	5	4	10	0	4	15	11	0	7	1	7	4	2	1	2	4									
	15	15	1013.5	-	14.5	2.3	12.4	75	6.5	0	1	4	17	8	0	0	0	0	3	6	6	7	8	0	2	18	10	0	5	2	8	3	3	3	3	3									
7B WALES N																																													
GWYNEDD																																													
BAROSEY ISLAND	19	3	1013.2	-	13.0	0.5	14.2	95	4.7	10	1	0	6	13	0	0	0	0	0	0	4	18	8	0	2	1	5	18	4	6	1	3	2	5	1	2	6								
	9	9	1013.7	-	13.6	0.6	14.6	93	6.8	0	1	3	15	11	0	0	0	0	0	3	12	15	0	1	2	3	8	18	0	7	2	4	5	3	1	2	6								
	15	15	1013.4	-	14.6	0.8	15.3	91	6.7	0	2	4	10	14	0	0	0	0	0	5	11	13	0	2	2	7	18	1	5	0	4	5	3	4	0	5									
VALLEY																																													
11	3	1013.2	-	11.9	1.7	11.3	80	6.1	0	5	3	10	12	0	0	0	0	0	2	3	8	16	1	0	2	10	18	0	4	3	9	3	4	0	1	6									
	9	9	1013.8	-0.2	13.8	2.3	11.9	74	6.3	0	4	2	16	8	0	0	0	0	2	4	5	12	7	0	2	18	10	0	6	2	6	3	5	0	2	7									
	15	15	1013.4	-	15.5	3.1	12.1	68	6.2	0	2	4	18	6	0	0	0	0	2	5	1	15	7	1	2	18	9	0	5	0	4	1	8	4	1	7									
8A WALES S																																													
DYFED																																													
ABERPORTH	134	3	1013.0	-	11.8	1.0	12.3	88	5.0	2	6	5	12	5	0	0	0	1	0	2	2	8	10	7	1	3	14	12	0	7	0	2	6	8	1	1	5								
	9	9	1013.6	-1.2	13.1	1.4	12.7	83	6.6	0	2	2	16	10	0	0	0	0	1	3	11	9	6	4	1	4	19	16	0	8	0	9	1	5	10	0	3								
	15	15	1013.1	-	14.4	1.9	13.2	80	6.8	0	1	3	14	12	0	0	0	1	0	2	11	12	4	2	1	4	12	13	0	9	1	3	0	8	0	3									
BRAWDY																																													
116	3	1013.2	-	11.1	0.8	12.1	90	5.5	1	7	3	9	9	1	0	0	1	1	0	3	5	10	9	1	0	2	11	16	1	7	2	4	5	6	0	1	4								
	9	9	1013.7	-	12.7	1.3	12.6	85	6.7	0	1	4	16	8	1	0	0	2	0	1	8	7	4	0	3	15	12	0	7	1	4	7	5	0	1	5									
	15	15	1013.2	-	14.3	2.1	12.6	77	7.0	0	0	5	14	11	0	0	0	0	0	3	4	6	12	5	0	5	13	12	0	10	0	1	3	7	4	0	3								
BRYNAMHAN																																													
-	9	-	-	-	12.6	1.3	12.5	85	6.2	0	4	2	19	5	0	0	0	0	1	1	7	14	7	0	0	0	0	25	5	1	5	0	8	3	0	0	8								
	15	-	-	-	15.1	2.4	12.9	75	6.7	0	2	3	13	12	0	0	0	1	0	5	17	7	0	0	0	6	23	1	3	2	0	3	6	7	3	0									
	21	-	-	-	11.8	0.9	12.4	89	5.7	3	2	6	7	12	0	0	0	0	3	5	9	6	5	2	0	0	0	19	11	1	5	0	4	4	0	2	3								
MILFORD HAVEN C.B.																																													
39	3	1013.1	-	12.1	0.7	13.0	92	4.9	5	3	7																																		

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

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

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[illegible]

TABLE 6 SUMMARY OF AUTOGRAPHIC RECORDS OF WIND

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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	HOURLY WIND				DUST					
			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																		
CONTINUATION OF DISTRICT 3 EAST ANGLIA																							
SUFFOLK	WYTON	45 10 10						0	2	3	180	396	141	0	7.6	280	23	9	11	290	39	10	0118
	HONINGTON	60 13 13						0	2	11	171	394	144	0	7.8	310	26	10	03	310	42	10	0300
BEDFORDSHIRE	WATTISHAM	105 17 10						0	2	18	252	414	36	0	10.0	290	27	10	03	290	46	10	0342
	BEDFORD	94 13 9						0	2	8	177	452	76	7	8.1	280	24	9	13	300	37	9	1906
HERTFORDSHIRE	CARDINGTON	70 41 41						0	2	16	223	419	62	0	9.2	280	26	9	14	300	39	10	0254
	GARSTON	94 15 10						0	0	0	29	425	266	0	4.6	310	17	9	17	310	33	10	0242
ESSEX	ROTHAMSTED	141 13 10																					
	SHOEBURYNNESS	17 14 12						0	0	0	205	457	58	0	8.6	180	21	11	00	290	37	9	1448
	STANSTED	108 10 10						0	1	3	159	482	76	0	7.9	290	23	9	15	310	39	10	0354
4 MIDLAND COUNTIES																							
SOUTH YORKSHIRE	FINNINGLEY	19 10 10						0	2	3	197	333	187	0	7.6	320	24	10	00	310	42	9	2248
	SHEFFIELD																						
	UNIVERSITY	146 29 15						0	0	0	133	314	273	0	6.3	020	21	12	09	320	42	9	1318
NOTTINGHAMSHIRE	WATNALL	130 13 10						0	0	0	164	418	138	0	7.2	360	18	12	11	330	36	10	0212
STAFFORDSHIRE	KEELE	215 15 10						0	0	0	36	343	341	0	4.1	320	18	9	13	330	42	9	1230
SALOP	SHAWBURY	84 12 10						0	1	2	161	390	167	0	7.5	330	24	9	11	320	42	9	1042
WEST MIDLANDS	BIRMINGHAM																						
	EDGBASTON	196 36 22						0	1	2	85	320	313	0	5.5	310	22	9	12	320	41	9	1130
	ELMDON AIRPORT	104 10 10						0	2	11	124	410	175	0	7.1	300	28	9	11	300	43	9	1130
HEREFORD & WORCS	PERSHORE	47 10 10						0	1	1	172	375	172	0	7.4	320	22	9	16	330	40	9	1406
GLOUCESTERSHIRE	FAIRFORD	88 10 10																					
	BENSON	67 10 10						0	0	0	177	352	191	0	7.2	170	20	10	21	310	37	9	1354
OXFORDSHIRE	BRIZE NORTON	91 13 10						0	0	0	129	422	169	0	6.8	300	20	9	12	300	35	9	1700
5 ENGLAND SOUTHEAST & CENTRAL SOUTHERN																							
GREATER LONDON	HAMPTON	42 31 30																					
	HEATHROW AIRPORT	34 10 10						0	0	0	114	466	140	0	6.9	310	20	9	17	300	31	9	1754
	KEW	28 23 15						0	0	0	83	347	290	0	5.3	290	17	9	17	310	42	9	1436
	LONDON WEATHER CENTRE	93 70 38						0	0	0	174	504	42	0	8.6	290	20	10	02	290	38	9	1442
	POST OFFICE TOWER	174						0	7	46	424	232	6	12	13.1	300	30	10	02	290	43	9	1442
WILTSHIRE	BOSCOMBE DOWN	130 17 17						0	1	10	231	397	82	0	8.7	300	27	9	13	310	40	9	1506
	LARKHILL	145 13 10						0	0	0	132	434	154	0	7.0	290	20	9	14	290	37	9	1312
KENT	PORTON	120 10 10						0	2	5	191	375	136	13	8.0	290	25	9	13	170	37	10	2324
	DUNGENESS	16 10 10						0	2	14	216	316	174	0	8.4	190	31	11	02	190	45	11	0224
	ISLE OF GRAIN	15 12 10																					
	MANSTON	62 18 18						0	3	14	236	425	45	0	9.7	170	26	11	05	290	43	10	0406
HAMPSHIRE	CALSHOT	15 13 10						0	5	15	277	320	94	14	9.6	190	31	10	23	200	43	10	2306
	FARNBOROUGH	75 10 10						0	0	0	61	368	291	0	5.3	190	17	10	23	300	33	9	1424
WEST SUSSEX	MIDDLE WALLOP	94 10 10						0	1	2	165	366	159	28	7.2	300	22	9	13	180	44	25	2112
	GATWICK AIRPORT	69 10 10						0	0	0	88	432	200	0	6.3	190	20	11	01	190	35	11	0206
	THORNEY ISLAND	16 10 10						0	2	9	162	395	154	0	7.7	190	32	11	00	190	45	11	0042
7A ENGLAND NORTHWEST AND ISLE OF MAN																							
CUMBRIA	CARLISLE	41 13 9						0	1	1	199	398	122	0	7.8	040	22	11	13	030	46	11	1242
	GREAT DUN FELL	857 10 10						117	19	182	323	95	3	0	22.2	050	71	11	16	050	90	11	1536
	MOOR HOUSE	595 13 12						13	10	72	364	198	27	46	14.1	040	41	11	16	040	60	11	1742
	SELLAFIELD	25 12 11						0	2	6	226	423	65	0	9.2	110	24	25	03	110	38	25	0324
LANCASHIRE	FLEETWOOD	34 15 9						0	6	52	186	323	159	0	9.3	330	33	9	15	330	54	9	1536
MERSEYSIDE	SQUIRES GATE AIRPORT	22 12 11						0	4	23	269	357	71	0	9.8	330	27	9	15	340	46	9	1906
	ALBURNTH	38 23 11						0	1	14	165	374	167	0	7.7	330	26	9	16	330	51	9	1630
	SPEKE AIRPORT	30 10 10						0	1	6	203	361	150	0	8.1	330	23	9	15	330	42	9	1636
GREATER MANCHESTER	MANCHESTER																						
	RINGWAY AIRPORT	80 10 10						0	2	11	233	344	132	0	8.7	320	26	9	15	330	42	9	1454
	WEATHER CENTRE	82 45 17						0	0	0	141	392	173	14	6.9	040	20	12	07	060	44	11	1054
ISLE OF MAN	POINT OF AYRE	20 10 10						4	6	66	354	255	40	1	12.9	010	34	11	20	060	51	11	0324
	RONALDSWAY	25 10 10						0	8	72	304	273	71	0	11.7	320	32	9	03	330	53	9	0924
7B WALES NORTH																							
GWYNEDD	VALLEY	26 16 12 9						11	8	57	303	283	66	0	12.0	320	36	9	09	360	55	11	2054
8A WALES SOUTH																							
DYFED	ABERPORTH	144 10 10						22	9	58	378	211	51	0	13.2	350	42	11	19	350	59	11	2236
	BRAWDY	121 10 10						3	6	59	274	328	56	0	11.3	360	35	11	23	010	52	11	1506
	MILFORD HAVEN	47 10 10						0	4	21	284	314	101	0	9.9	220	28	10	16	220	50	10	1618
WEST GLAMORGAN	PORT TALBOT	28 12 11						0	3	26	193	343	158	0	8.2	320	29	9	13	320	51	9	1342
MID GLAMORGAN	CILFYNYDD	210 16 16						0	1	1	134	397	174	14	7.0	180	24	10	20	190	43	10	2018
SOUTH GLAMORGAN	RHOOSE AIRPORT	74 10 10						0	1	7	164	441	108	0	8.0	300	24	9	08	310	40	9	1436
8B ENGLAND SOUTHWEST																							
AVON	AVONMOUTH	28 19 10						0	4	18	189	361	116	36	8.7	320	27	9	14	310	42	9	1600
	DORSET	23 13 11						0	2	7	131	398	184	0	7.0	300	23	9	09	300	39	9	1506
	PORTLAND BILL CG	60 13 13						0	5	54	335	257	48	26	11.9	330	31	9	16	330	56	9	1724
DEVON	MOUNT BATTEN	64 13 13						0	1	7	230	362	121	0	8.4	230	31	10	20	230	46	10	2030
CORNWALL	LIZARD	96 23 18 9 10						4	11	88	410	194	9	15	14.5	220	38	10	19	230	55	10	1954
	ST MAWGAN	120 13 13						0	5	44	312	308	56	0	11.1	350	29	11	20	330	45	12	0242
	SCILLY(ST.MARY'S)	70 20 17						0	7	85	285	213	137	0	11.2	240	33	10	17	360	53	11	1954
CHANNEL ISLANDS													</										

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. BELOW 0 DEG C	CONCRETE MIN. BELOW 0 DEG C	GALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE					AMOUNT (MM)	DATE	0.2 MM OR MORE	1.0 MM OR MORE													
1964	DECEMBER	ABER							-3.9	28,29																					
1976	ANNUAL	ABER							-3.9																					3.83	
	APRIL	BLACKBURN SEWAGE WORKS																													
		ACHAGLACHGACH	11.8	3.9	7.9		17.2	25	-1.7	3			73	71	15	13	15	14	0	0	0	0	0	1	4	5					
		KNAPDALE FOREST	12.0	3.4	7.7		17.8	20	-1.8	12,23			64		11	3	17	11	0	0	0	0	0	0	5	11					0
		COCKLE PARK	9.8	3.5	6.7		15.2	16	-0.6	28,29																					
		STONEHAUGH	9.6	2.3	5.9		15.1	18	-5.7	28			35	8	1	14	7	1	2	0	0	0	0	1	6	13					0
		MALHAM TARN	9.0	1.8	5.4	-0.3	14.8	20	-3.4	28	5.5		55	55	17	13	13	9	2	1	1	0	0	1	4	20					0
		EAST DEREHAM	13.2	3.5	8.3		16.9	17	-3.5	29			11	8	13	4	2	0	0	0	0	0	0	0	2	12					0
		MARCH	13.1	4.0	8.5		18.2	20	-1.8	29			17	44	10	14	5	3	0	0	0	0	0	0	6	14					0
		WOBURN	12.4	3.3	7.9	-0.4	17.7	20	-5.4	29	7.6	7.3	16	36	10	14	6	3	0	0	0	0	0	0	6	6					4.76
		HARLOW	13.2	3.6	8.4		17.6	18,19	-4.2	29		8.3	16	40	9	14	5	4	1	0	0	0	0	0	4					0	
		BRAMHAM																													
		ILKLEY		3.9	7.5	-0.3																									
		PONTEFRAC	11.5	4.2	7.9	-0.2	16.0	18	-1.0	28			11	27	6	6	4	4	0	0	0	0	0	0	2					0	
		WARSOP	11.9	3.2	7.5		17.6	17	-5.3	29			16	38	4	14	7	5	0	0	0	0	0	0	6	18					4.24
		NEWTOWN LINFORD																													4.11
		SHREWSBURY	12.2	3.5	7.9	-0.6	17.7	20	-2.5	29	8.7	8.6	9	22	3	1	6	3	0	0	0	0	0	0	5	15					3.99
		BIRMINGHAM EDGBASTON																													0
		PRESTON WYNNIE																													
		SHIRBURN (MODEL FARM)	12.6	2.5	7.5		18.5	20	-7.6	29	8.5		10	8	14	4	2	1	0	0	0	0	0	0	7	13					0
		WALLINGFORD																													
		HARROW WEALD		3.2																											
		LACOCK	(12.8)	(2.2)	(7.5)		18.8	20	-4.2	29															5	15					
		MARTYR WORTHY																													
		SHANKLIN					17.4																								
		GRIZEDALE		2.5	6.8																										
		HELMESHORE											55	58	25	13															
		BOLTON	11.2		7.5								34		21																4.44
		BOTWING	11.8	4.8	8.3				0.7	29																					
		TRAWSCOE	12.0	3.3	7.7		18.4	20	-4.7	28	8.9		20	26	7	13	6	6	0	0	0	0	0	0	5	15					4.84
		SWANSEA		5.4	9.3	-0.2			0.5	28																					
		NEWPORT (GWENT)		4.2																											
		USK																													
		CANNINGTON	(13.0)	(3.4)	(8.2)	(-1.0)	19.0	20	-1.7	29	(9.8)		6	11	4	13	3	2	0	0	0	0	0	0	3	14					0
		RODNEY STOKE		3.1	8.0																										(5.70)
		WINFRITH																													(100)
		TAVISTOCK													(4)	13	(5)														
		GULVAL	12.8	5.1	8.9		19.0	19	1.0	3			15	7	11		6	4	0	0	1	0	0	0	0	9					(7.89)
		PENZANCE		4.8	8.7	-1.1																									(7.87)
		TIEVENNY								8,28																					(124)

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

(x) Urban rooftop site.

MONTHLY WEATHER REPORT

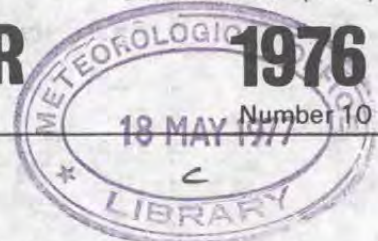
COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

OCTOBER

VOLUME 93

1976

Number 10



Wet and often windy: dull in south.

Throughout October a succession of frontal systems crossed the British Isles, mostly from south-west to north-east. The depressions were sometimes intense, notably on the 6th, when one just west of the Hebrides moved north-east, and on the 14th and 15th, when another moved from south-west England to north-east Scotland. A weak ridge crossed all districts on the 16th, followed from the west by further fronts and depressions, whose progress was sometimes slow as pressure rose over Scandinavia. On the 27th, a depression moved south-eastwards into the Bay of Biscay and a predominantly easterly flow became established over Britain. The low pressure to the south moved away during the next few days, however, and a ridge of high pressure from the north-west then covered most areas, but a frontal trough associated with a deepening depression in the Atlantic approached western districts late on the 31st.

Weather

The weather was wet through most of October and there were some heavy falls of rain, particularly in the first week and around mid month. It was also windy, with gales in many places during the first three weeks. The gales were severe in northern districts on the 6th and in the south on the 14th, when high winds and torrential rain caused flooding, damage and loss of life. Thunderstorms and hail showers occurred from time to time. Hill fog formed extensively during precipitation and overnight fog was sometimes slow to clear.

Wind

Winds were frequently fresh or strong on coasts, often reaching gale force in exposed places, but speeds were lower after the 23rd. The gales were severe in northern districts on the 6th, when most places in these areas measured their highest gust of the month. The wind gusted to 80 kt at the Royal Observatory at Blackford Hill, Edinburgh, and also at the high-level stations at Lowther Hill (Strathclyde) and Great Dun Fell (Cumbria) on this date, although the maximum gusts, 86 kt and 82 kt, were recorded on the top of Snaefell (Isle of Man) on the 5th and 6th respectively. Gales over England and Wales on the 14th were particularly severe in the English Channel and caused a number of deaths at sea. Gusts reached at least 70 kt at several exposed places in the south-west and ferry services to the Channel Islands and France were disrupted. In Dorset a sloop, which was torn from her anchor chain at Weymouth, was smashed on the beach and many small boats were swept from their moorings in Christchurch Harbour. Wind directions during the month were mostly between south-east and south-west, but were cyclonic at times, particularly around mid month, and became north-easterly during the last few days.

Temperature

Monthly mean temperatures were between 1.0 and 1.5 degC below average in Northern Ireland, but almost everywhere else were within 1 degC of normal, - a little below average in most other western districts and in the mountainous areas of eastern

Scotland, but slightly above average elsewhere, mainly because the nights were rather warm. There were no marked warm or cold spells during the month, but most places recorded their maxima in the early part of the second week, when the temperature rose to 20.2 °C at Elmstone (Kent) and Morecambe (Lancashire) on the 9th and 11th respectively. Some places had their coldest night around mid month, but in most districts minima occurred in the last week, particularly on the 30/31st when Usk (Gwent) recorded -6.6 °C.

Rainfall (including melted snow)

Except in parts of western Scotland and Cumbria, monthly rainfall totals were above average in all districts, exceeding 200 per cent of the normal in much of eastern Scotland and England from Aberdeen to the Wash, in parts of southern England, the Midlands and South Wales, and in some eastern districts of Northern Ireland. Values exceeded 300 per cent of average at Exeter (Devon) and Deers Meadow (Co. Down), where a monthly total of 570 mm was measured. This was the wettest October in England and Wales, and in Scotland, since 1967, and the wettest in Northern Ireland this century. Outbreaks of rain, with hail and thunder in places, were frequent, and numerous falls exceeding 50 mm in a 'rainfall day' (the 24-hour period from 09 GMT on the date stated) were measured. These chiefly occurred on the 1st in south-west England, Yorkshire and Humberside, and on the 14th in Wales, south-western and northern England, southern Scotland and Northern Ireland. Rainfalls exceeding 50 mm also occurred in the west and north of the United Kingdom on several other days, notably on the 5th, 6th, 15th, 17th and 25th. Among the larger recorded 'daily falls' were 100.3 mm at Avon Dam (Devon) on the 5th and 113.9 mm at Llyn Eigiau (Gwynedd) on the 14th. About 120 mm fell at Spelga Dam (Co. Down) between 09 GMT on the 17th and 06 GMT on the 18th.

Snow

Snow fell at times on the tops of the Scottish mountains during the latter part

of the month, but was not observed elsewhere. Sleet showers were reported at one or two exposed places in Scotland and northern England.

Sunshine

Except in the Outer Hebrides, along much of the west coast of Scotland and in part of Co. Down, monthly sunshine totals were below average. Amounts were between 70 and 100 per cent of the normal in most remaining western and northern districts, but were generally less than 70 per cent south and east of a line from the Humber to the Bristol channel. Many places in East Anglia, in the south-east Midlands and in central southern and south-eastern England had not much more than half their normal sunshine for the month and a few places had less. In central London it was the dullest October in a composite record beginning in 1929. It was also very dull in part of southern Scotland, where Eskdalemuir (Dumfries and Galloway Region), with only 40.2 hours of sunshine and 15 completely sunless days, had its dullest October since records began in 1910. Those sunny days which did occur during the month were mostly in the west and north.

Fog

Overnight fog formed from time to time and was sometimes dense and slow to clear, particularly in England and Wales on the 9th/10th, 18th/19th and 19th/20th. Many parts of the United Kingdom were affected by fog, which was widespread in some areas, between the 25th and the 28th. In Northern Ireland fog occurred more frequently than is usual during October. Coastal fog also formed at times during the month and hill fog was often widespread during precipitation.

Miscellaneous Phenomena

The aurora was observed in Scotland on one night.

Table 1 District values

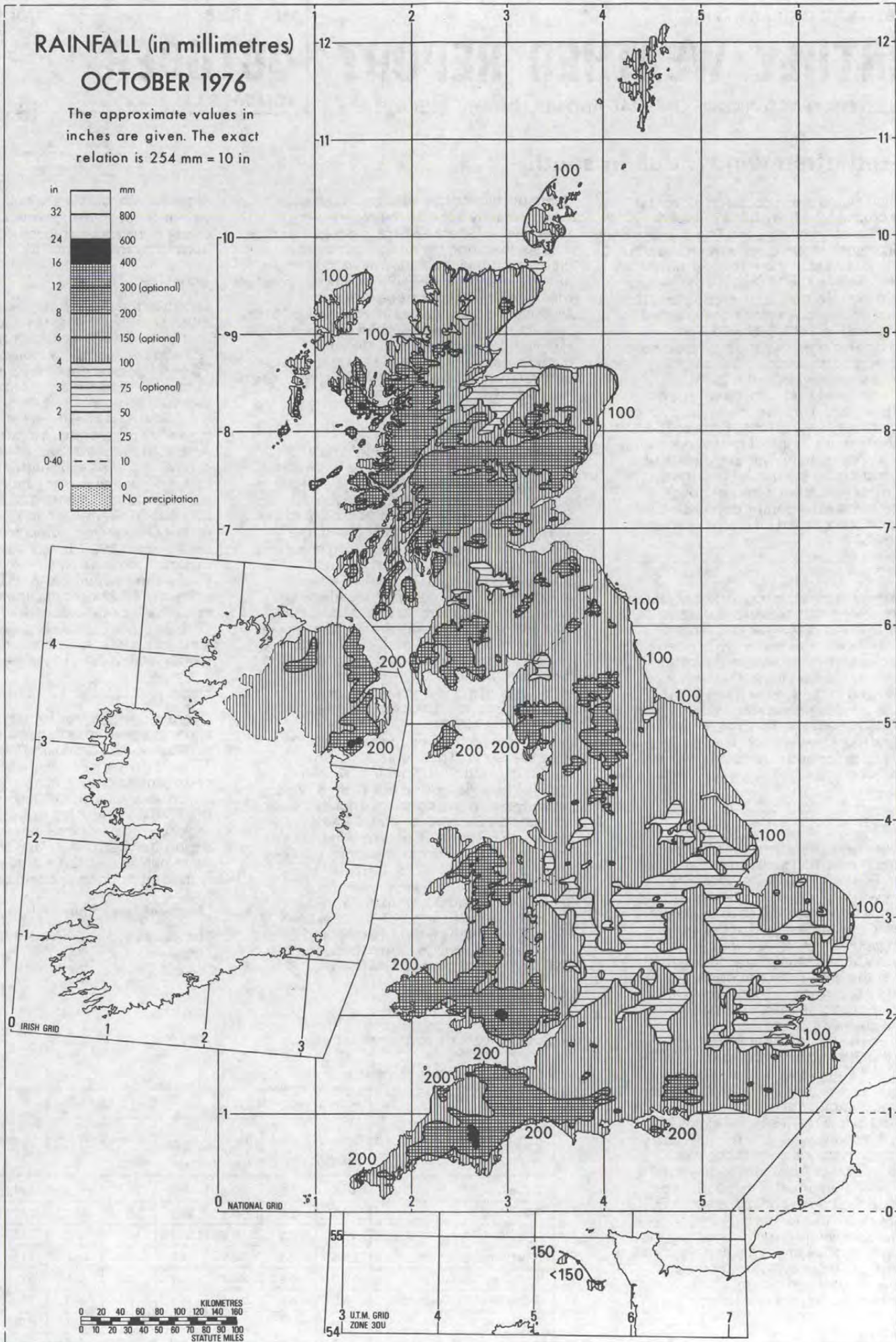
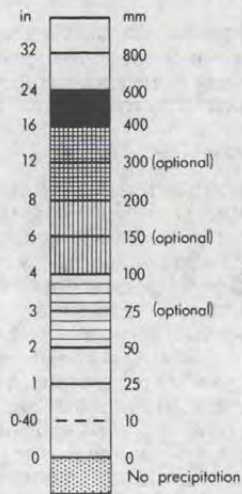
District	air temperature °C					mean 30-cm earth temp °C	rain- days	rainfall	sun- shine
	Highest	Lowest	max.	min.	mean				
	Max.*	Min.*	difference from average						
0 Scotland N	17.5	-0.3	+0.1	+0.2	+0.1	+0.1	+1	123	100
1 Scotland E	18.5	-2.5	-0.5	+0.3	-0.1	+0.8	+5	206	78
2 England E & NE	19.4	0.5	-0.5	+0.7	+0.1	+0.9	+13	244	68
3 East Anglia	19.5	0.6	-0.5	+1.2	+0.3	+1.1	+11	178	55
4 Midland Counties	19.6	-0.4	-0.7	+0.6	0.0	+0.5	+11	190	59
5 England SE & Central S	19.8	0.5	-0.4	+1.1	+0.3	+1.0	+12	187	64
6 Scotland W	17.8	-1.8	-0.4	-0.1	-0.2	+0.3	+3	123	85
7 England NW & Wales N	19.7	-0.2	-0.7	+0.3	-0.2	+0.3	+7	142	76
8 England SW & Wales S	19.2	0.8	-0.9	-0.4	-0.7	+0.1	+11	203	81
N Ireland	16.2	-1.4	-1.0	-1.3	-1.2	+0.1	+4	199	94
Scotland	18.5	-2.5	-0.3	+0.1	-0.1	+0.4	+3	151	88
England & Wales	19.8	-0.4	-0.6	+0.6	0.0	+0.7	+11	191	67

*Highest maximum and lowest minimum of District Value Stations.

RAINFALL (in millimetres)

OCTOBER 1976

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



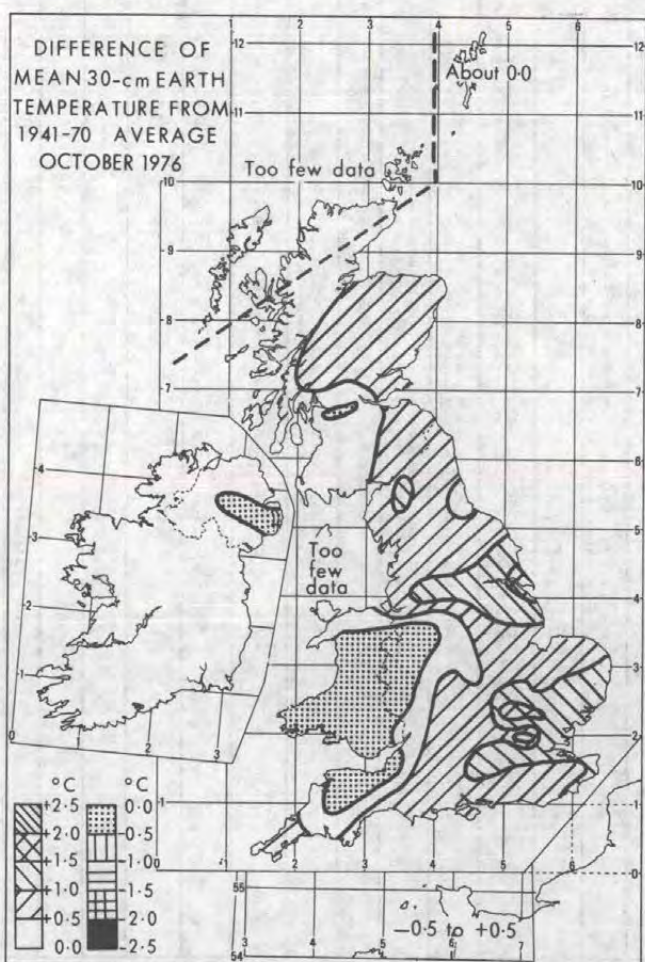
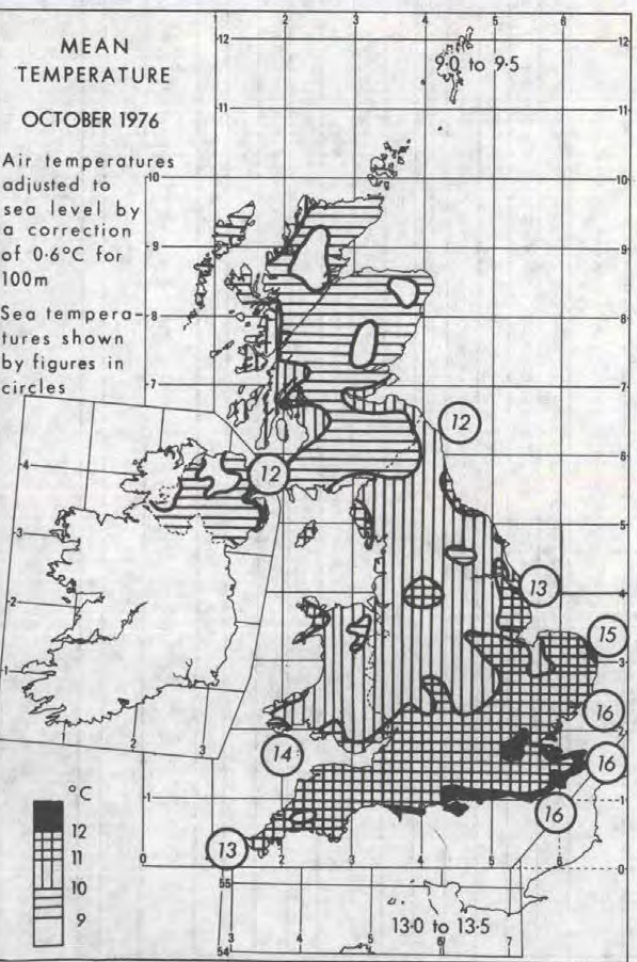
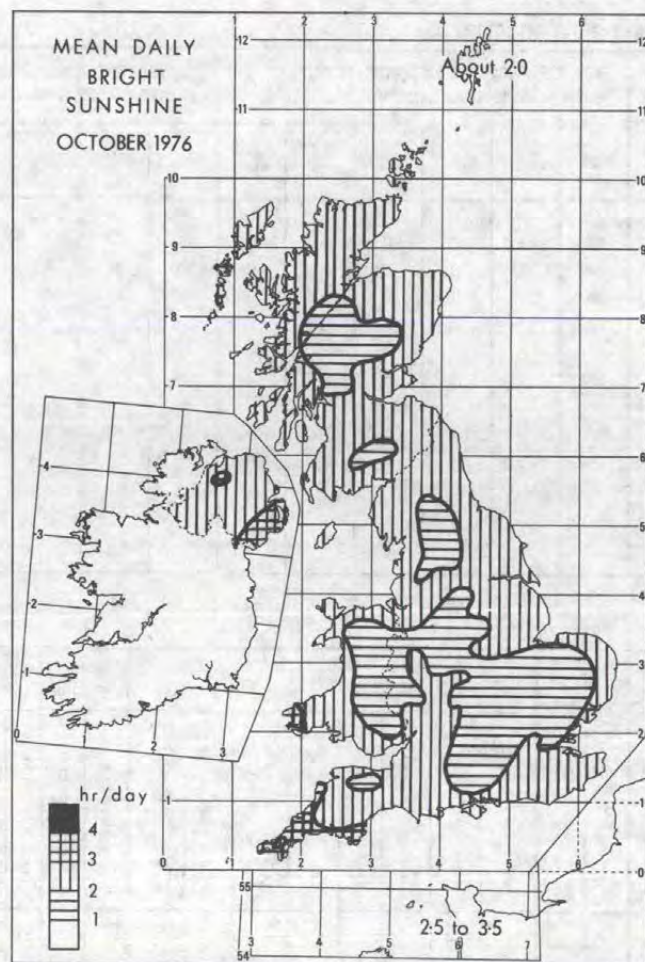
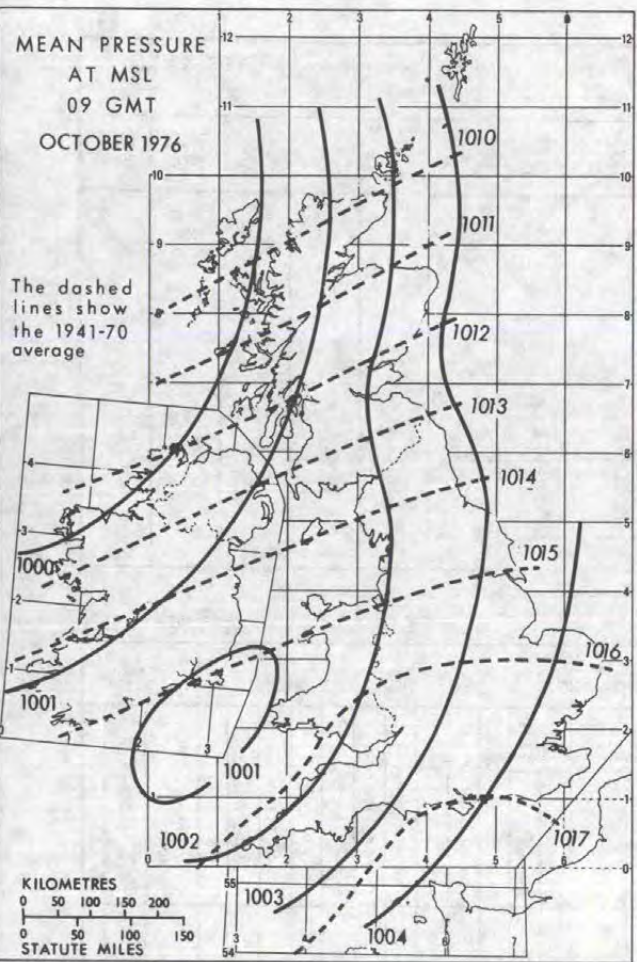


TABLE 2 SOLAR RADIATION AND ILLUMINATION

OCTOBER 1976

STATION	TOTAL RADIATION ON A HORIZONTAL SURFACE (MILLIWATT-HOURS PER SQUARE CENTIMETRE)						DIFFUSE RADIATION ON A HORIZONTAL SURFACE (MILLIWATT-HOURS PER SQUARE CENTIMETRE)						TOTAL ILLUMINATION ON A HORIZONTAL SURFACE (KILOLUX-HOURS)					
	MAX.	DATE	MIN.	DATE	DAILY MEAN	NO. OF DAYS	MAX.	DATE	MIN.	DATE	DAILY MEAN	NO. OF DAYS	MAX.	DATE	MIN.	DATE	DAILY MEAN	NO. OF DAYS
LERWICK	246	6	13	11	89.1	29	116	7	13	11	56.1	29	294	6	17	11	108.0	29
ESKDALEMUIR	248	9	13	23	105.4	31	161	31	13	23	80.5	31	291	9	16	23	122.0	31
CARDINGTON	265	7	32	30	145.3	30	156	3	32	30	106.0	30						
ABERPORTH	290	6	26	14	152.8	31	162	13	25	14	98.4	30						
LONDON WEATHER CENTRE																		
KEW	324	7	19	29	140.5	31	166	1	19	29	102.4	31	414	7	25	29	177.8	31
BRACKNELL																		
ALDERGROVE	269	10	26	23	140.2	31	151	6	25	23	88.9	31	303	10	33	23	156.5	31
JERSEY	341	7	26	29	161.2	31	160	9	26	29	99.9	31	447	4	33	29	211.1	31

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

OCTOBER 1976

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	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	10.8	6.7	8.7	+0.3	13.5	6	0.3	31	9.1	-	155	129	22	26	29	20	0	0	0	0	1	0	-	-	9	1.79	96	-	-	
LERWICK	21 9	82																														
PSYCHROMETER			10.2	7.4	8.8	-	12.1	6	1.5	30.31	-	-	133	-	22	26	24	21	0	0	0	0	1	0	4	3	3	1.90	95	-	-	
SCREEN			10.6	7.5	9.1	+0.6	12.6	6	1.7	30.31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ORKNEY																																
KIRK WALL AIRPORT	21-9	26	11.5	7.5	9.5	+0.3	14.0	6	2.4	30	-	-	117	104	18	25	24	22	0	0	0	0	2	0	0	1	1	1	1.98	83	-	-
WESTERN ISLES																																
BENBECULA	21-9	6	12.0	7.6	9.8	-0.3	17.5	1	1.9	27	-	-	165	-	20	5	25	22	0	0	2	0	0	0	3	2	1	3.32	135	-	-	
SCALPAY	9 9	18																														
STORNOWAY	21-9	3	11.9	7.2	9.5	0.0	15.4	1	1.9	27	-	-	118	-	27	11	24	16	0	0	0	2	1	0	4	1	2	2.72	111	-	-	
HIGHLAND																																
ACHNASHELLACH	9 9	67	12.5	5.5	9.0	0.0	16.8	11	-0.3	30	-	-	202	80	(60)	6	25	19	0	0	0	0	0	0	1	-	0	-	-	-	-	
BALMACARA	9 9	4	12.8	7.5	10.1	-	16.8	2	2.7	26.31	-	-	201	106	(39)	6	26	22	0	0	0	0	0	0	0	0	2	2	2.84	-	-	
CAPE WRATH	21-9	112	11.5	7.7	9.6	+0.1	16.1	1	5.4	30	-	-	103	78	22	5	24	16	0	0	0	0	1	0	0	0	0	0	0	-	-	
CORPACH	9 9	8	13.1	6.7	9.9	-	17.5	1	1.2	31	-	-	225	-	37	6	27	24	0	0	0	0	0	1	0	2	0	0	-	-	-	
CRAIGARRROCH	9 9	38	12.3	4.4	8.3	-	16.2	11	-0.6	5	-	-	116	-	28	6	23	15	0	0	0	0	0	1	0	3	12	2	2	1.92	5	
DALWHINNIE	9 9	351	9.9	4.4	7.1	-	15.2	11	-0.6	31	-	-	184	-	27	6	24	20	0	0	0	0	1	0	1	8	1	4	2	2.65	-	
DOUNREAY	9 9	21	12.6	6.2	9.4	-	15.4	12	0.5	30.31	-	-	112	119	(30)	25	22	17	0	0	0	0	0	0	0	2	1	1	2.55	-	-	
FORTROSE	9 9	5	12.2	7.9	10.1	+0.1	15.5	11	5.0	27.31	-	-	75	120	17	15	15	13	0	0	0	0	0	0	0	0	0	0	0	100	-	
GLENMORE LODGE	9 9	341	10.8	4.1	7.5	-	15.9	11	-2.3	5	-	-	149	136	28	23	22	16	0	0	0	0	0	0	3	11	8	1	2.59	-	-	
GRANTOWN-ON-SPEY	9 9	229	11.4	3.7	7.5	-	16.0	11	-3.8	5	-	-	76	-	28	15	20	13	0	0	0	0	0	1	0	5	16	0	0	2.37	-	
HEARST	9 9	109	11.6	6.6	9.1	-	16.5	2	1.5	30	-	-	200	-	27	5	25	20	2	0	0	2	0	0	0	4	1	1	-	-	-	
ISLE OF RHUM	9 9	5	12.1	7.1	9.6	-	15.5	2	0.5	27	11.0	12.1	298	97	38	5	26	22	0	0	0	0	1	0	0	5	2	2	2.31	-	-	
KEISS	9 9	30	11.7	7.0	9.3	-	14.5	7	0.0	30	10.2	10.9	78	-	14	25	23	13	0	0	0	0	1	1	0	5	1	1	-	-	-	
KINLOCHWE	9 9	23	(12.1)	(5.5)	(8.8)	-	16.0	11	-0.7	30	9.9	-	190	81	(72)	6	24	19	0	0	0	0	0	1	2	10	1	1	-	-	-	
KNOCKANROCK	9 9	244	10.5	5.3	7.9	-	14.5	11	1.7	30	-	-	123	52	24	6	24	19	0	0	0	0	0	1	0	3	11	2	0	-	-	
LAGGANLILIA	9 9	250	11.2	4.1	7.7	-	16.4	11	-3.9	5	-	-	99	-	17	23	20	17	0	0	0	0	1	0	3	11	2	0	-	-	-	
LAIRG	9 9	91	11.7	4.7	8.2	-	14.9	11	-1.6	30	8.7	9.5	124	-	24	15	20	13	0	0	0	0	1	1	3	12	0	0	-	-	-	
LENTRAN	9 9	146	11.3	4.9	8.1	-	16.7	11	0.4	27	-	-	124	-	24	6	19	14	0	0	0	0	1	1	0	14	1	1	-	-	-	
LOCH DICH	9 9	37	-	-	-	-	-	-	-	-	-	-	184	-	34	6	27	21	-	-	-	-	-	-	-	-	-	-	-	-	-	
NAIRN	9 9	6	12.7	5.9	9.3	-0.2	18.4	11	1.0	27	-	-	69	121	16	15	20	15	0	0	0	0	1	1	0	9	1	1	2.74	94	-	
ONICH	9 9	15	12.5	6.3	9.4	-0.3	16.0	11	0.0	26.31	-	-	169	73	23	6	23	22	-	-	-	-	-	0	0	3	-	-	1.78	89	-	
POOLEWE	9 9	6	12.6	7.3	9.9	-	15.9	3	2.3	26	-	-	136	-	29	5	24	21	0	0	0	0	1	0	0	0	-	-	2.80	-	-	
PRABOST	9 9	67	11.6	6.6	9.1	-	15.9	11	3.2	27	-	-	178	82	30	6	24	22	0	0	0	2	1	0	0	6	0	0	2.44	-	-	
RUBH RE	21-9	16	12.2	8.2	10.2	-	16.0	2.11	4.6	27	-	-	116	-	19	5	26	19	0	0	0	0	0	0	0	0	0	2	-	-	-	
STRATHCONON	9 9	107	11.7	4.2	7.9	-	16.5	11	-2.4	5	-	-	141	-	39	6	26	18	-	-	-	-	-	-	-	-	-	-	-	-	-	
STRATHY	9 9	37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TARBATNESS	21-9	18	12.1	7.8	9.9	+0.3	14.9	4	3.3	31	-	-	78	-	13	15	20	17	0	0	0	0	0	0	0	0	-	-	-	-	-	
TOMATIN	9 9	311	10.4	3.9	7.1	-	14.1	11	-1.1	5	-	-	77	-	11	23	21	14	0	0	0	0	-	4	-	-	-	-	-	-	-	
WICK	21-9	36	11.8	7.8	9.8	+0.5	14.9	8	0.3	31	-	-	84	114	17	25	23	18	0	0	0	0	1	1	0	4	2	1	2.40	88	-	

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

OCTOBER 1976

DISTRICT REGION/COUNTY AND PLACE	MAX. TERMINAL HIGHT MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE HSL (METRES)	AIR TEMPERATURE IN DEGREES C								MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL H 09 GMT)		WEATHER (NUMBER OF DAYS)												BRIGHT SUNSHINE					
			MEANS OF		DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		30 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	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																						
1 SCOTLAND E																																
GRAMPIAN																																
ABERDEEN																																
DYCE AIRPORT	21-9	58	12.2	6.5	9.3	+0.2	15.7	4	-0.5	31	-	-	180	225	30	15	23	17	0	0	0	0	0	0	1	0	1	1	1	2.38	79	-
MANNOFIELD	9-9	16	11.6	6.5	9.1	-0.2	14.2	6	1.0	31	-	-	141	181	23	14	23	19	0	0	0	0	0	0	0	0	0	0	2.21	73	-	
BALMORAL	9-9	283	10.4	3.9	7.1	-0.5	14.6	11	-2.5	5	-	-	203	257	54	15	24	19	0	0	0	0	0	0	0	0	0	0	2.27	-	-	
BANCHORY	8-8	77	11.6	5.4	8.5	-	15.0	9	-0.6	31	-	-	221	27	42	15	23	19	0	0	0	0	0	0	3	0	0	0	2.32	-	-	
BANFF	9-9	24	12.0	7.4	9.7	-	15.2	9	2.5	31	-	-	83	121	24	25	19	13	0	0	0	0	0	0	0	0	0	0	2.32	-	-	
BREARNA	9-9	339	10.1	3.5	6.8	-0.7	14.0	11	-2.5	5	-	-	181	209	31	15	23	19	0	0	0	0	0	0	0	0	0	0	1.50	-	-	
CRAIBSTONE	9-9	91	11.4	6.2	8.8	-0.3	14.2	4	-1.3	31	10.3	11.0	211	257	37	15	22	21	0	0	0	0	0	0	1	1	1	1	2.50	80	-	
CULTERTY	9-9	3	12.1	6.6	9.3	-	15.2	4	-0.6	31	-	-	118	176	19	25	23	18	0	0	0	0	0	0	0	0	0	0	2.50	-	-	
ELGIN	9-9	15	12.8	6.3	9.5	-	16.5	11	0.5	27	-	-	85	124	29	15	18	13	0	0	0	0	0	0	0	0	0	0	2.38	-	-	
FORRES	9-9	50	12.8	6.4	9.6	-	18.1	11	0.6	27	10.3	12.0	76	28	15	19	12	0	0	0	0	0	0	0	0	0	0	0	2.24	-	-	
FRASERBURGH	21-9	19	12.1	7.9	10.0	-	15.5	8	1.6	30	-	-	97	144	18	15	16	13	0	0	0	0	0	0	0	0	0	0	2.50	-	-	
FYVIE CASTLE	9-9	55	11.8	4.6	8.2	-	14.5	6.9	-1.0	31	-	-	147	180	34	25	25	18	0	0	0	0	0	0	0	0	0	0	2.44	-	-	
GARTLY	9-9	146	11.1	4.9	8.0	-	14.2	9	-0.4	27	-	-	158	209	31	15	21	16	0	0	0	0	0	0	0	0	0	0	2.43	-	-	
GLENLIVET	21-9	215	11.3	4.8	8.1	-	15.4	9	-2.6	5	-	-	111	136	37	15	23	15	0	0	0	0	0	0	1	0	4	10	2.44	-	-	
INVERURIE	9-9	54	11.9	5.2	8.5	-	15.3	9	-0.6	22	-	-	176	239	38	15	24	15	0	0	0	0	0	0	0	0	0	0	2.25	-	-	
KEITH	9-9	106	11.7	4.9	8.3	-	15.5	9	-1.4	5	-	-	128	51	15	20	13	0	0	0	0	0	0	0	1	0	2	7	1	2.66	-	-
KINLOSS	21-9	5	12.7	6.8	9.7	+0.2	17.6	11	-0.2	27	-	-	81	132	26	15	19	14	0	0	0	0	0	0	0	0	0	0	2.03	70	-	
LOSSIEMOUTH	21-9	6	12.7	6.3	9.5	-	17.9	9	0.2	31	-	-	175	230	31	25	19	19	0	0	0	0	0	0	0	0	0	0	2.03	70	-	
STONEHAVEN	9-9	4	12.2	6.91	9.51	(0.0)	14.7	6	(-1.0)	31	-	-	175	230	31	25	19	19	0	0	0	0	0	0	0	0	0	0	2.03	70	-	
TRAYSIDE																																
ARBROATH	9-9	28	11.9	7.7	9.8	-	14.5	10	1.5	31	-	-	134	235	36	25	19	17	0	0	0	0	0	0	0	0	0	0	2.60	80	-	
ARDALNAG	9-9	130	11.4	6.0	8.7	-	16.0	11	-0.4	31	-	-	231	166	22	10.14	26	21	0	0	0	0	0	0	0	0	0	0	1.69	-	-	
ASHINTULLY CASTLE	9-9	341	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BLAIRGOWRIE	9-9	70	11.6	5.2	8.4	-	15.1	11	(-1.0)	31	10.1	-	135	198	19	15	23	20	0	0	0	0	0	0	0	0	0	0	1.50	-	-	
DALL	9-9	232	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DRUMMOND CASTLE	9-9	113	11.5	5.3	8.4	-	14.4	10	0.2	5	10.3	-	230	27	14	25	21	0	0	0	0	0	0	0	0	0	0	0	2.29	-	-	
DUNDEE	9-9	45	12.4	6.8	9.6	+0.1	16.1	10	0.1	31	10.5	-	150	230	23	15	22	19	0	0	0	0	0	0	0	0	0	0	2.47	84	-	
FASKALLY	9-9	94	11.5	5.1	8.3	-	14.3	11	-1.4	31	10.6	11.9	157	180	20	23	23	20	0	0	0	0	0	0	0	0	0	0	-	-	-	
GLENACLES	9-9	152	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
KINDROCKAN	9-9	259	10.1	3.7	6.9	-	13.0	11	-2.8	31	-	-	192	24	15	24	20	0	0	0	0	0	0	0	0	0	0	0	2.35	-	-	
KINROSS	9-9	116	11.5	5.0	8.3	-	15.5	10.11	-1.9	31	9.7	-	189	33	14	24	23	0	0	0	0	0	0	0	0	0	0	0	2.35	-	-	
MONTROSE	9-9	57	12.8	6.5	9.7	-	16.0	1	0.0	31	-	-	159	233	33	25	20	20	0	0	0	0	0	0	0	0	0	0	2.62	-	-	
MYLNEFIELD	9-9	30	11.9	6.8	9.3	-	15.2	10	-0.3	31	10.6	11.6	139	223	24	15	25	19	0	0	0	0	0	0	0	0	0	0	2.62	-	-	
PERTH	9-9	23	12.2	5.3	8.7	-0.6	16.0	11	-1.3	31	-	-	156	226	28	15	24	21	0	0	0	0	0	0	0	0	0	0	2.55	-	-	
STARATHALLAN	9-9	41	12.2	5.7	8.9	-	16.7	11	-1.0	31	-	-	178	25	14	23	21	0	0	0	0	0	0	0	0	0	0	0	2.55	-	-	
USAN	21-9	30	12.0	7.6	9.8	-	14.5	4	1.0	31	-	-	129	30	25	20	17	0	0	0	0	0	0	0	0	0	0	0	2.55	-	-	
WHITEHILLOCKS	9-9	258	10.6	4.7	7.7	-	13.5	4.11	-1.5	31	-	-	311	285	43	15	23	21	0	0	0	0	0	0	0	0	0	0	-	-	-	
FIFE																																
BELLISTON	9-9	82	11.9	7.5	9.7	-	15.7	10	1.9	31	11.2	-	165	250	29	15	22	19	0	0	0	0	0	0	0	0	0	0	2.44	-	-	
CUPAR (ELMHOD)	9-9	36	12.0	6.0	9.0	-	15.9	11	-1.2	31	10.4	-	156	32	14	23	21	0	0	0	0	0	0	0	0	0	0	0	2.44	-	-	
GLENROTHES (GLENHOD)	9-9	117	11.5	6.0	8.7	-	15.8	10	-0.6	31	-	-	187	34	14	22	22	0	0	0	0	0	0	0	0	0	0	0	2.59	79	-	
LEUCHARS	21-9	10	12.5	6.7	9.6	-0.1	16.2	10	0.1	31	-	-	149	257	22	14	24	19	0	0	0	0	0	0	0	0	0	0	2.71	-	-	
PITREAVIE	21-9	40	12.5	7.3	9.9	-	17.4	11	1.1	31	-	-	142	222	34	14	24	2														

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

OCTOBER 1976

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				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 WITHIN BELONG DEGR C	CONCRETE WITHIN BELONG DEGR C	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
					MAX. (A)	MIN. (B)	DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	MAX.	DATE	MIN.	DATE					AMOUNT (MM)	DATE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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TABLE 3 SUMMARY OF DAILY OBSERVATIONS

OCTOBER 1976

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 H)	DIFFERENCE FROM 1951-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1951-70 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	WINDY BELOW 10 DEG C	WINDY 10-19 DEG C	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1951-70 AVERAGE	EXPOSURE			
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE						0.2 MM OR MORE	1.0 MM OR MORE																
4 MIDLAND COUNTIES																																	
WEST YORKSHIRE																																	
BRADFORD	9 9	134	12.5	7.2	9.9	0.0	18.4	11	2.7	24	11.1	12.8	171	237	36	1	28	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BRAMHAM	9 9	54	13.1	7.2	10.1	-	18.1	11	0.6	24	-	-	119	229	23	1	26	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HUDDESFIELD																																	
OKES	21-9	232	12.5	6.9	9.7	-0.1	18.2	11	1.8	31	10.3	10.7	135	159	27	14	29	20	0	0	0	0	2	6	0	0	6	3	2	2.09	73	-	
RAVENSKNOLLE	9 9	99	13.2	7.6	10.4	+0.2	18.6	11	2.1	24	11.8	13.1	109	165	28	14	26	20	0	0	0	0	1	3	0	0	8	0	0	2.18	82	-	
ILKLEY	9 9	83	12.7	6.8	9.7	-0.2	17.0	11	1.0	13	-	-	167	204	35	1	27	23	0	0	0	0	0	1	0	0	0	0	0	1.95	70	-	
TOOMORDEN	9 9	160	12.3	7.1	9.7	-	18.0	11	2.1	24	-	-	218	-	48	1	26	23	0	0	0	0	1	1	0	0	0	0	0	0	0	0	
PONTEFRAC	9 9	78	12.9	7.5	10.2	-0.1	18.2	11	3.6	24	-	-	116	247	30	1	24	19	0	0	0	0	1	2	1	0	0	0	0	0	0	0	
WILSON	9 9	262	11.4	6.2	8.8	-	15.7	5	2.7	31	-	-	192	-	38	1	30	24	0	0	0	0	2	6	0	0	0	0	0	0	0	0	
SOUTH YORKSHIRE																																	
FINNINGLEY	21-9	10	13.7	7.7	10.7	-	19.6	11	0.1	24	-	-	93	207	15	14	28	22	0	0	0	0	1	3	0	3	2	0	2.16	-	-	-	
SHEFFIELD	9 9	131	13.0	7.5	10.3	-0.4	18.5	11	2.7	24	11.9	13.3	128	196	22	14	27	19	0	0	0	0	0	0	0	0	0	0	0	1.89	70	-	
DERBYSHIRE																																	
ASHOVER	9 9	178	12.3	6.8	9.5	-	17.8	11	0.7	24	-	-	157	-	19	17	26	19	0	0	0	0	1	8	0	5	0	0	1.71	-	-	-	
BUXTON	9 9	307	10.9	6.1	8.5	-0.2	15.0	5,11	0.4	13	10.1	11.3	176	158	21	14	27	24	0	0	0	0	1	9	0	3	0	0	0	0	0	0	
DERBY	9 9	48	13.5	7.7	10.6	-	19.0	11	1.4	24	-	-	104	192	15	13	28	22	0	0	0	0	2	3	0	3	0	0	1.59	-	-	5	
MORLEY	9 9	107	13.0	6.8	9.9	-	18.7	11	0.5	24	-	-	121	208	15	17	25	23	0	0	0	0	1	0	0	0	1	0	1.94	-	-	5	
WINGERWORTH	9 9	126	12.6	6.1	9.3	-	18.2	11	-1.0	13	11.4	-	152	-	22	1	28	21	0	0	0	0	1	10	1	10	0	0	1.97	-	-	5	
NOTTINGHAMSHIRE																																	
MANSFIELD	9 9	114	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NEWTHORPE	9 9	58	(13.5)	6.4	(9.9)	-	18.8	11	-0.2	24	-	-	112	-	18	17	26	22	0	0	0	0	1	-	-	-	-	-	-	-	-	-	
NOTTINGHAM	9 9	59	13.6	7.6	10.6	-0.1	20.0	11	1.0	13	11.9	13.5	96	196	13	17	24	24	0	0	0	0	0	4	0	0	2	1	0	2.14	73	-	
SUTTON BONINGTON	9 9	48	13.6	7.3	10.5	+0.2	19.1	11	1.2	13	12.1	13.0	87	174	16	13	27	19	0	0	0	0	0	4	0	0	0	0	0	2.00	-	-	
WARSOP	9 9	46	13.2	6.8	10.0	-	18.6	11	-0.6	24	-	-	130	270	28	1	29	19	0	0	0	0	1	3	1	8	0	0	1.72	-	-	5	
WATNALL	21-9	117	13.2	7.6	10.4	+0.1	19.6	11	1.0	24	-	-	120	215	19	17	27	22	0	0	0	0	0	7	2	0	0	0	1.70	62	-	-	
STAFFORDSHIRE																																	
KEELE	9 9	179	12.1	6.4	9.3	-	17.2	11	1.6	13	10.6	12.2	133	192	21	14	27	21	0	0	0	0	0	1	0	4	2	0	1.63	-	-	-	
OSWESTRY	9 9	125	12.8	6.8	9.8	+0.1	18.2	11	0.8	13	11.8	-	96	163	14	13	27	21	0	0	0	0	0	5	0	0	0	0	0	0	0	0	
PENKIRGE	9 9	101	(12.9)	6.3	(9.6)	-	17.7	11	0.0	24,31	-	-	111	194	17	13	27	22	0	0	0	0	0	0	2	0	4	0	0	0	0	0	
STONE	9 9	107	12.6	6.6	9.6	-	17.6	11	1.1	13	-	-	126	203	21	14	27	20	0	0	0	0	0	4	0	6	0	0	1.60	-	-	-	
LEICESTERSHIRE																																	
CALDECOTT	9 9	52	13.6	6.8	10.2	-	19.0	11	-0.5	24	-	-	117	255	13	14	24	22	0	0	0	0	0	10	1	12	0	0	1.68	-	-	-	
NEWTOWN LINFORD	9 9	119	13.1	6.3	9.7	-	18.9	11	-0.1	24	-	-	95	170	12	13	25	22	0	0	0	0	0	1	6	1	8	0	0	1.82	-	-	-
SALOP																																	
NEWPORT	9 9	64	13.1	6.7	9.9	0.0	18.6	11	0.4	13	-	-	86	153	12	13	26	18	0	0	0	0	2	3	0	4	0	0	1.97	73	5	-	
OSWESTRY	9 9	174	11.8	6.6	9.3	-0.8	17.0	11	2.6	24	-	-	148	187	27	10	26	19	0	0	0	0	0	1	2	0	9	0	0	1.85	64	5	-
SHAWBURY	21-9	72	13.0	6.7	9.9	-0.3	19.4	11	-0.4	13	-	-	91	159	11	10	26	21	0	0	0	0	0	1	4	2	8	2	0	1.72	60	5	-
SHREWSBURY	9 9	56	13.1	7.2	10.1	-0.4	18.9	11	1.4	13	11.5	13.6	88	169	13	10	25	18	0	0	0	0	0	5	0	2	0	0	2.03	71	-	-	
WEST MIDLANDS																																	
BIRMINGHAM																																	
EDGBASTON	21-9	163	12.8	7.9	10.3	-0.4	18.2	11	-3.4	31	11.2	-	115	185	20	13	25	22	0	0	0	0	1	0	1	5	0	2	0	1.91	63	-	-
ELMDON AIRPORT	21-9	96	13.3	6.9	10.1	-0.1	18.9	11	0.0	24	-	-	95	-	18	13	24	19	0	0	0	0	0	1	2	0	5	3	0	2.06	69	-	-
KING EDWARD SCHOOL	9 9	137	12.9	7.5	10.2	-	18.4	11	3.6	31	-	-	115	192	20	13	23	20	0	0	0	0	0	0	5	0	0	0	0	0	0	0	
COVENTRY AIRPORT	9 9	81	13.2	6.4	9.8	-	18.3	11	0.0	24	12.1	12.9	81	-	14	13	26	18	0	0	0	0	0	0	3	0	0	0	0	1.95	-	-	-
WARWICKSHIRE																																	
LONG LAWFORD	9 9	87	13.6	6.7	10.1	-	18.9	11	0.9	24	11.8	-	78	-	11	8,13	25	18	0	0	0	0	1	0	1	6	0	3	0	0	0	0	
LUDDINGTON	9 9	56	13.6	7.2	10.4	-	19.0	11	0.8	31	-	-	63	-	12	8	25	15	0	0	0	0	0	1	5	0	3	0	0	2.08	-	-	-
MORETON MORRELL	9 9	85	13.6	7.4	10.5	-	18.5	11	0.5	31	-	-	79	151	12	13	25	23	0	0	0	0	0	0	6	0	3	0	0	1.81	-	-	-
RUGBY	9 9	117	13.2	7.0	10.1	-0.2	18.2	11	1.5	13,24	11.4	13.2	82	147	12	13	25	19	0	0	0	0	0	4	0	2	0	0	1	2.11	65	-	-
SHIPSTON-ON-STOUR	9 9	111	13.5	7.4	10.5	0.0	18.6	11	2.1	31	12.1	-	81	145	13	8	28	20	0	0	0	0	0	4	0	9	0	0	4	2.11	65	-	-
STRATFORD-UPON-AVON	9 9	49	14.0	6.8	10.4	0.0	19.4	11	0.6	31	12.9	-	73	138	13	8	25	17	0	0	0	0	0	1	0								

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

OCTOBER 1976

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DISTRICT REGION/COUNTY AND PLACE			MAX. TERMINAL HEIGHT OF STATION 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		50 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE AMOUNT	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	FOG AT 9H	AIR FROST	GROSS MIN DEGREE C	GROSS MEAN DEGREE C	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
					MAX. (A)	MIN. (B)	DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	MAX.	DATE	MIN.	DATE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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TABLE 3 SUMMARY OF DAILY OBSERVATIONS

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DISTRICT REGION/COUNTY AND PLACE	MAX. TERMINAL (HGT) MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C								MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL H 09 GMT)		WEATHER (NUMBER OF DAYS)										BRIGHT SUNSHINE							
			MEANS OF		DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		30 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																																
AGHANALLO ...	99	18	12.7	5.7	9.2	-	16.7	10	1.4	26	-	-	130	-	21	14	19	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BANAGHER (CAUGH HILL) ...	99	216	11.1	5.0	8.1	-	15.5	1	-0.5	26	-	-	229	-	42	14	25	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CARMONEY ...	99	73	12.2	5.8	9.0	-	15.6	10	1.5	25	-	-	141	-	27	11	25	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COLERAINE UNIVERSITY ...	99	23	12.3	5.3	8.8	-	15.7	8	0.2	25	10.2	11.9	127	-	32	14	21	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COOLKEERAGH ...	99	3	12.8	5.7	9.3	-	16.7	8	1.1	26	-	-	130	-	28	23	19	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DERRYNOYD FOREST ...	99	88	11.9	4.9	8.4	-	15.6	10	-0.1	25, 26	-	-	196	164	37	14	23	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GARRYVAGH FOREST ...	99	88	11.9	4.9	8.4	-	15.9	8	-2.2	26	10.6	12.0	175	148	38	14	22	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOUGHMORE FOREST ...	99	174	11.5	4.3	7.9	-	15.2	8	-1.3	25	-	-	169	151	44	14	26	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MONEYTOIG ...	99	34	12.6	4.9	8.7	-1.2	16.2	8	-1.1	27	11.7	-	156	153	35	14	19	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOMERSET FOREST ...	99	43	12.7	4.9	8.8	-	17.1	1	0.1	27	-	-	129	131	33	14	21	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TRAAD POINT ...	99	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ANTRIM																																
ALDERGROVE AIRPORT ...	21-9	68	12.2	6.4	9.3	-0.8	16.1	10	0.2	26	11.1	12.4	176	204	47	14	19	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ALTNAHINCH ...	99	226	10.8	5.4	8.1	-	14.7	10	0.8	26	-	-	255	170	58	14	23	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BALLYLUMFORD ...	99	24	12.9	7.4	10.1	-	16.7	10	3.5	24	-	-	209	-	41	14	17	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BALLYMONEY ...	99	55	12.5	5.2	8.9	-	16.2	10	-0.5	27	-	-	148	158	32	14	31	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BALLYPATRICK FOREST ...	99	152	11.7	5.5	8.6	-	15.7	10	1.1	26	-	-	285	229	72	14	23	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CARNLOUGH ...	99	12	12.8	7.0	9.9	-	17.0	10	2.5	26	-	-	216	-	65	14	21	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DIVIS MOUNTAIN ...	99	363	9.8	4.1	6.9	-	14.4	10	0.4	25	-	-	247	214	55	14	21	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GREENMOUNT ...	99	32	12.7	6.0	9.3	-	16.7	10	-0.1	26	11.2	-	181	220	43	14	21	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KILROOT POWER STATION ...	99	12	13.1	6.9	10.0	-	16.2	3	1.0	26	-	-	188	-	55	14	19	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LARNE ...	99	43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LISNAFFILLAN ...	99	38	12.1	3.9	8.0	-	16.0	10	-1.5	27	-	-	185	187	32	14	21	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LONTOWN ...	99	271	10.5	4.9	7.7	-	14.8	10	-0.9	6, 7	9.7	-	249	176	69	14	23	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MALLUSK (HYDE PARK) ...	99	140	11.5	6.0	8.7	-	15.5	10	2.0	26	-	-	239	-	37	14	19	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PARKMORE FOREST ...	99	235	10.6	4.6	7.6	-	14.9	10	-0.6	7	10.3	-	285	176	81	14	25	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WOODBURN NORTH ...	99	217	11.0	5.6	8.3	-	15.0	10	1.0	31	-	-	243	204	64	14	21	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BELFAST																																
MALONE ...	99	35	12.6	5.7	9.1	-	16.4	10	0.0	26	11.3	-	192	-	50	14	21	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MILLTOWN ...	99	37	12.7	6.0	9.3	-	17.0	10	0.3	26	-	-	212	-	57	14	19	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEWTOWNABBEY ...	99	32	12.6	7.5	10.1	-	16.5	10	2.3	26	11.5	-	177	185	37	14	19	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ROSEBANK ...	99	47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ROSETTA ...	99	24	12.8	6.0	9.4	-	17.3	11	-0.9	26	-	-	209	237	51	14	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STORMONT CASTLE ...	99	56	12.5	6.5	9.5	-	15.8	3	2.7	16	11.2	12.4	205	233	56	14	21	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DOWN																																
BANGOR SEACOURT ...	99	15	12.8	8.1	10.5	-	16.5	10	3.5	24	11.8	13.2	176	-	40	14	19	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BALLYWATER PARK ...	-	11	-	-	-	-	-	-	-	-	-	-	170	200	51	14	21	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BALLYWATTICOCK ...	-	6	12.7	6.3	9.5	-	16.2	1	0.9	26	-	-	171	228	50	14	22	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CREIGHTONS GREEN ...	99	119	11.8	-	-	-	15.1	10	-	-	-	-	187	196	48	14	18	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DOWNPATRICK ...	99	26	12.9	6.9	9.9	-	16.0	3	1.9	26	-	-	213	-	51	14	23	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HELENS BAY ...	99	43	12.4	7.4	9.9	-	16.3	10	3.9	16, 24, 31	-	-	187	223	48	14	20	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HILLSBOROUGH ...	99	116	11.7	6.0	8.9	-1.0	15.5	5	0.7	26	10.6	11.6	207	238	50	14	22	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KILKEEL ...	21-9	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KILLOUGH ...	21-9	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MURLOUGH ...	99	9	13.1	6.5	9.8	-	16.8	3	0.6	4	10.5	11.3	239	-	45	14	21	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ARMAGH																																
ARMAGH ...	99	62	11.9	5.7	8.8	-1.5	16.1	5	0.1	26	11.7	13.1	136	163	24	14	23	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOUGHGALL ...	99	25	12.5	5.4	8.9	-	15.7	10	0.0	24	-	-	145	186	26	14	25	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LURGAN ...	99	55	12.5	5.7	9.1	-	16.2	5	-0.1	26	11.2	12.6	190	243	45	22	22	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PORTADOWN ...	99	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TANDRAGEE ...	99	43	13.2	5.6	9.4	-	16.9	3	0.2	26	-	-	165	-	33	14	20	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TYRONE																																
CARRIGANS ...	21-9	113	12.0	5.5	8.7	-	15.8	8	-0.5	20	-	-	170	148	33	11	25	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COOKSTOWN ...	99	77	12.5	4.9	8.7	-	16.2	1	-0.3	25	10.4	-	161	164	23	22	23	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOUGH BRADAN ...	99	169	11.2	4.8	8.0	-	14.5	1.8	0.2	16	-	-	195	137	36	11	25	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
POMEROY FOREST ...	99	174	11.1	5.0	8.1	-	14.6	5.7	0.4	13	11.0	-	181	166	27	17	24	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STRABANE CONVENT ...	99	44	12.3	5.5	8.9	-	16.0	11	-0.3	25	-	-	136	140	20	11	24	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TIEVEENY ...	99	41	12.3	4.9	8.6	-	15.9	8	-0.4	25	-	-	149	-	29	11	26	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FERMANAGH																																
CASTLE ARCHOALE ...	99	66	12.0	5.0	8.5	-1.4	15.8	5	-1.4	25																						

STATION	HEIGHT OF BAROMETER ABOVE MSL (METRES)	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT							VISIBILITY										WIND SPEED AND DIRECTION																																																																																																																																																																																																																																																																																																																																																																																																																	
			AT MSL (MB)	DIFFERENCE FROM 1941-70 AVERAGE	DRY BULB DEGREES C	DEPRESSION OF WET BULB DEGREES C	VAPOUR PRESSURE (MB)	RELATIVE HUMIDITY (%)	OKTAS							0 - 39M	40 - 190M	200 - 390M	400 - 990M	1000 - 1900M	2000 - 3900M	4 - 9NM	10 - 19NM	20 - 39NM	40NM AND OVER	BEAUFORT FORCE																																																																																																																																																																																																																																																																																																																																																																																																																	
									MEAN	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																																																																																																																																																																																																																																																																																																																																																																																																					
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NUMBER OF OBSERVATIONS																																																																																																																																																																																																																																																																																																																																																																																																																																											
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LEWICK	83	3	1003.7	-	8.5	0.7	10.2	91	6.0	3	2	4	6	15	1	0	1	0	0	0	4	9	5	9	3	1	5	16	8	1	1	0	1	15	4	7	1																																																																																																																																																																																																																																																																																																																																																																																																						
		9	1003.9	-5.5	9.1	0.8	10.4	90	6.4	0	5	1	10	14	1	0	1	0	0	0	3	7	6	11	3	1	9	15	4	2	1	0	1	13	8	3	2																																																																																																																																																																																																																																																																																																																																																																																																						
		15	1003.7	-	9.4	1.1	10.3	86	6.6	0	2	4	11	13	1	0	1	0	0	1	0	3	6	11	4	0	8	16	7	0	1	1	0	11	14	2	2																																																																																																																																																																																																																																																																																																																																																																																																						
		21	1003.9	-	8.6	0.9	10.0	89	6.5	1	3	3	6	17	1	0	1	0	0	0	2	7	7	10	4	0	5	18	7	1	1	0	1	14	7	5	1																																																																																																																																																																																																																																																																																																																																																																																																						
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TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

OCTOBER 1976

HEIGHT OF BAROMETER ABOVE MSL (METRES)	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT				VISIBILITY								WIND SPEED AND DIRECTION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
		AT MSL (MB)	DIFFERENCE FROM 1941-70 AVERAGE	DRY BULB DEGREES C	DEPRESSION OF WET BULB DEGREES C	VAPOUR PRESSURE (MB)	RELATIVE HUMIDITY (%)	OKTAS					BEAUFORT FORCE								SPEED (KT)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
								MEAN	0	1-2	3-5	6-7	8	SKY OBSERVED	0-39M	40-190M	200-390M	400-990M	1000-1900M	2000-3900M	4-9KM	10-19KM	20-39KM	40KM AND OVER	BEAUFORT FORCE								SPEED (KT)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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6 SCOTLAND W-CONTO. DUMFRIES & GALLOWAY																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
ESKDALEHUIR	237	3	1002.4	-	6.8	0.6	9.4	92	6.3	2	2	4	8	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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

OCTOBER 1976

HEIGHT OF BAROMETER ABOVE MSL (METRES)	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY			CLOUD AMOUNT						VISIBILITY										WIND SPEED AND DIRECTION															
		AT MSL (MB)	DIFFERENCE FROM 1941-70 AVERAGE	DRY BULB DEGREES C	DEPRESSION OF WET BULB DEGREES C	VAPOUR PRESSURE (MB)	RELATIVE HUMIDITY (%)	OKTAS						0 - 39M	40 - 190M	200 - 390M	400 - 990M	1000 - 1900M	2000 - 3900M	4 - 9KM	10 - 19KM	20 - 39KM	40KM AND OVER	BEAUFORT FORCE														
								0	1 - 2	3 - 5	6 - 7	8	SKY OBSERVED											8 OR MORE	6-7	4-5	1-3	CALM	SPEED (KT)									
NUMBER OF OBSERVATIONS																																						
5 ENGLAND SE & CENT. S. -CONTD.																																						
HAMPSHIRE																																						
SOUTHAMPTON	9	3	1003.2	-	11.2	0.8	12.2	90	6.4	2	2	3	8	16	0	0	0	0	0	2	10	6	12	1	0	1	4	24	2	5	3	3	7	2	5	1		
WEATHER CENTRE (X)	9	9	1003.6	-	12.0	1.1	12.2	87	7.0	0	2	0	12	16	1	0	0	0	1	6	8	8	1	0	0	10	20	1	3	5	4	8	3	0				
	15	15	1003.0	-	13.6	1.8	12.5	80	6.7	0	1	5	13	12	0	0	0	0	2	4	6	18	1	0	0	8	23	0	3	5	5	7	6	0				
	21	21	1004.2	-	11.7	0.9	12.3	88	5.5	4	2	7	3	15	0	0	0	0	4	6	8	13	0	0	0	3	26	2	3	3	2	4	5	0				
WEST SUSSEX																																						
ORTWICK	60	3	1003.8	-	9.7	0.3	11.7	96	5.5	1	6	6	5	13	0	0	0	2	2	8	8	6	3	0	0	0	5	19	7	2	3	4	5	5	0			
	9	9	1004.1	-12.8	11.2	0.6	12.5	93	6.8	0	1	3	16	10	1	0	0	3	1	2	10	9	4	0	0	0	2	8	20	1	4	0	5	4	0			
	15	15	1003.6	-	13.5	1.9	12.3	79	6.7	0	0	7	14	10	0	0	0	0	0	3	4	9	6	0	0	1	13	17	0	4	0	5	9	2				
	21	21	1004.5	-	10.6	0.5	12.1	93	6.3	1	2	3	13	12	0	0	0	1	0	1	6	11	5	7	0	0	6	23	2	2	4	5	3	9	1			
THORNEY ISLAND	5	3	1003.6	-	11.1	0.6	12.3	93	6.2	0	5	4	6	16	0	0	0	0	1	3	9	8	2	0	0	3	7	20	1	5	4	2	5	5	3			
	9	9	1004.2	-12.7	12.1	0.8	13.0	91	6.6	0	2	3	16	10	0	0	0	0	1	3	7	7	5	1	5	8	17	0	3	1	4	5	3	1				
	15	15	1003.6	-	13.4	1.4	13.0	84	6.6	0	0	6	14	11	0	0	0	0	1	9	4	13	4	1	2	14	13	1	3	1	5	7	6	0				
	21	21	1004.7	-	11.4	0.7	12.5	91	6.0	0	5	4	7	15	0	0	0	2	1	3	4	10	9	2	0	3	6	21	1	6	1	6	4	6	0			
7A ENGLAND NW & I.O.M.																																						
CUMBRIA																																						
CARLISLE	28	3	1001.9	-	9.4	0.7	10.8	90	6.3	0	4	5	8	14	0	0	0	0	1	1	8	7	12	2	0	0	5	26	0	0	5	6	4	10	0			
	9	9	1002.0	-11.9	10.1	0.9	11.1	89	6.4	0	3	4	13	11	0	0	0	0	0	4	6	9	10	2	0	0	5	26	0	1	5	6	7	8	1			
	15	15	1001.3	-	12.1	1.8	11.1	79	6.6	0	1	6	14	10	0	0	0	0	1	2	9	14	5	0	1	8	22	0	1	2	6	4	8	2				
	21	21	1002.2	-	9.7	1.0	10.6	87	6.6	0	2	4	10	15	0	0	0	0	1	7	12	11	0	0	0	7	23	1	1	3	6	7	7	1				
LANCASHIRE																																						
SQUIRES GATE	11	3	1001.9	-	9.4	0.5	11.1	93	5.6	1	4	6	8	12	0	0	0	0	0	5	7	8	9	2	0	1	12	18	0	2	3	9	7	5	1			
	9	9	1001.9	-12.7	10.3	0.7	11.6	92	6.1	1	3	5	11	11	0	0	0	1	0	5	11	8	5	0	0	1	12	17	1	0	2	5	10	4	2			
	15	15	1001.3	-	12.2	1.5	11.8	83	6.8	0	1	4	13	13	0	0	0	0	2	8	11	8	2	0	0	3	18	0	2	2	5	5	9	4	1			
	21	21	1002.4	-	10.2	0.8	11.2	90	6.9	0	1	5	10	15	0	0	0	0	1	3	9	11	7	0	0	1	11	19	0	2	2	8	7	3	6			
MERSEYSIDE																																						
SPEKE	24	3	1002.0	-	9.4	0.5	11.1	93	5.5	1	6	5	9	10	0	0	0	1	2	4	6	11	3	4	0	0	11	18	2	1	3	6	6	8	2			
	9	9	1002.0	-13.0	10.2	0.7	11.4	91	5.8	0	8	1	12	10	0	0	0	1	0	5	8	5	1	0	0	10	20	1	1	5	4	10	5	3				
	15	15	1001.4	-	12.1	1.6	11.6	82	7.0	0	1	1	17	12	0	0	0	1	0	3	7	6	9	5	0	2	11	18	0	4	0	3	11	5	4			
	21	21	1002.6	-	10.0	0.8	11.1	89	5.9	1	6	1	11	12	0	0	0	0	1	3	12	5	6	4	0	0	7	22	2	3	3	3	5	7	3			
GREATER MANCHESTER																																						
MANCHESTER	42	3	1001.9	-	9.4	0.5	11.1	93	5.6	1	4	6	8	12	0	0	0	0	0	5	7	8	9	2	0	1	12	18	0	2	3	9	7	5	1			
WEATHER CENTRE (X)	9	9	1002.7	-	10.8	1.4	10.9	83	6.2	0	6	1	12	12	0	0	0	0	1	1	13	13	2	0	0	0	4	27	0	1	6	3	6	6	7			
	15	15	1002.1	-	12.8	2.5	10.5	71	7.0	0	1	1	17	12	0	0	0	0	0	3	5	13	10	0	0	1	7	23	0	0	6	4	5	10	4			
	21	21	1003.3	-	11.0	1.5	10.9	82	6.4	0	3	3	14	10	1	0	0	0	1	0	3	12	14	1	0	0	3	28	0	0	6	4	6	4	0			
RINOWAY	84	3	1002.7	-	9.7	1.1	10.4	86	6.5	2	2	2	11	14	0	0	0	2	0	3	12	6	8	0	0	0	10	19	2	3	3	3	4	11	1			
	9	9	1002.6	-12.5	10.3	1.3	10.5	83	6.2	0	6	2	11	11	1	0	0	0	0	3	11	11	4	0	0	0	14	17	0	1	5	5	3	13	1			
	15	15	1002.0	-	12.3	2.3	10.5	73	6.8	0	1	4	14	12	0	0	0	0	0	1	4	7	10	6	3	0	2	11	18	0	2	1	4	6	10			
	21	21	1003.2	-	10.2	1.4	10.3	83	6.4	0	2	4	15	10	0	0	0	0	1	1	13	6	10	0	0	0	9	22	0	2	4	5	6	6	2			
ISLE OF MAN																																						
POINT OF AYRE	9	3	1001.2	-12.3	10.9	0.9	11.6	89	6.1	0	5	5	8	13	0	0	0	0	0	2	9	10	10	0	0	6	13	11	1	2	4	4	6	5	3			
	9	9	1000.8	-	12.1	1.7	11.2	79	6.2	0	2	7	10	12	0	0	0	0	0	2	7	8	12	1	5	14	10	1	0	5	4	7	6	4				
	15	15	1001.6	-	10.5	1.1	11.1	86	5.6	3	3	6	4	15	0	0	0	0	0	2	8	4	17	0	0	7	14	10	0	2	4	3	5	10	3			
	21	21	1001.6	-	10.5	1.1	11.1	86	5.6	3	3	6	4	15	0	0	0	0	0	2	8	4	17	0	0	7	14	10	0	2	4	3	5	10	3			
RONALDSWY	21	3	1001.0	-	10.5	1.2	10.9	85	5.7	0	7	3	7	14	0	0	0	0	0	7	4	11	9	0	0	3	15	13	0	5	4	0	10	3	6			
	9	9	1001.0	-12.9	11.2	1.2	11.3	85	6.3	0	3	3	19	6	0	0	0	0	1	7	8	7	9	0	0	5	17	7	2	3	4	4	5	4	2			
	15	15	1000.7	-	12.0	1.8	11.1	79	6.2	0	2	7	14	8	0	0	0	0	0	1	6	7	7	10	0	5	12	13	1	0	5	4	5	6	5			
	21	21	1001.4	-	10.7	1.3	10.9	84	5.9	0	6	4	8	13	0	0	0	0	0	8	6	8	8	9	0	0	6	16	10	1	4	7	3	5	3			
7B WALES N																																						
GWYNEDD																																						
BARDSEY ISLAND	19	3	1001.2	-	11.7	1.2	11.8	85	5.8	4	1	5	5	16	0	0	0	0	0	6	20	4	5	3	4	13	8	3	3	2	1	6	2	8				
	9	9	1001.1	-	11.9	1.2	11.9	85	6.9	0	0	5	12	14	0	0	0	0	0	0	18	8	4	5	3	7	5	15	1	3	3	4	4	3	3			
	15	15	1001.0	-	12.6	1.5	12.0	82	6.5	0	0	9	12	10	0	0	0	0	0	2	17	8	4	5	5	8	13	0	7	0	2	5	7	7				
	21	21	1002.0	-	12.0	1.3	12.0	85	5.6	3	1	9	3	15	0	0	0	0	0	3	24	4	0	1	8	11	0	7	0	2	5	5	10	2	0			
VALLEY	11	3	1001.2	-	10.5	1.2	10.9	85	5.6	3	4	4	4	16	0	0	0	1	1	6	9	7	6	0	0	4	10	16	1	0	10	4	1	7				
	9	9	1001.3	-13.2	11.2	1.3	11.2	84	6.2	0	5	3	13	10	0	0	0	0	2	3	9	11	5	0	0	5	11	13	2	4	4	3	5	5	2			
	15	15	1000.9	-	12.6	1.8	11.5	79	6.4	0	3	6	12	10	0	0	0	0	2	2	7	16	4	1	3	14	12	1	0	7	1	3	12	4				
	21	21	1001.9	-	10.9	1.3	11.0	84	5.9	1	5	4	8	13	0	0	0	0	0	6	9	13	3	0	0	6	11	13	1	3	4	3	4	7	3			
8A WALES S																																						
DYFED																																						
ABERPORTH	134	3	1001.1	-	9.4	0.7	10.9	91	6.2	1	5	3	4</																									

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

OCTOBER 1976

STATION		HEIGHT OF BAROMETER ABOVE MSL (METRES)	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT							VISIBILITY							WIND SPEED AND DIRECTION																												
				AT MSL (MB)	DIFFERENCE FROM 1941-70 AVERAGE	DRY BULB DEGREES C	DEPRESSION OF WET BULB DEGREES C	VAPOUR PRESSURE (MB)	RELATIVE HUMIDITY (%)	OKTAS							0 - 30M	40 - 100M	200 - 300M	400 - 950M	1000 - 1900M	2000 - 3900M	4 - 9KM	10 - 19KM	20 - 39KM	40KM AND OVER	BEAUFORT FORCE										N	NE	E	SE	S	SW	W	NW								
										0	1 - 2	3 - 5	6 - 7	8	SKY OBSERVED	18 OR MORE											SPEED (KT)																									
																											22-33	11-21	1-10	0																						
																																													CALM							
NUMBER OF OBSERVATIONS																																																				
88 ENGLAND SW AVON																																																				
FILTTON	61	3	1002.7	-	9.6	0.7	11.1	91	5.9	2	4	3	6	15	1	0	1	1	2	3	5	11	7	0	0	1	8	21	1	1	2	12	2	7	2	3	1															
		9	1002.9	-13.5	10.6	0.9	11.5	89	7.0	0	2	1	15	12	1	0	1	0	1	4	2	8	8	7	0	0	2	9	20	0	1	3	9	5	6	3	4	0														
		15	1002.5	-	12.4	1.8	11.4	79	6.5	0	3	3	14	11	0	0	0	0	1	2	4	8	12	4	0	0	13	18	0	0	1	4	5	5	3	4	8	0														
		21	1003.8	-	10.3	0.9	11.2	89	5.7	0	6	7	4	14	0	0	0	1	0	0	1	2	11	6	10	0	0	0	6	25	0	0	1	5	6	5	4	6	0													
SOMERSET																																																				
EXTON		3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-													
		9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-													
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-													
YEOVILTON	23	3	1002.7	-	10.0	0.7	11.4	92	5.9	1	6	4	2	17	1	0	1	0	0	3	2	13	10	2	0	0	2	6	12	11	1	2	5	3	4	2	1	2														
		9	1003.0	-	11.2	0.9	11.9	89	7.0	0	0	2	17	12	0	0	0	0	1	1	4	9	14	2	0	0	0	11	11	9	-	-	-	-	-	-	-	-	-	-												
		15	1002.7	-	13.2	1.7	12.3	80	6.7	0	1	4	13	13	0	0	0	0	1	3	10	11	6	0	0	2	8	18	3	2	1	3	5	5	2	7	3															
DORSET	21	3	1003.8	-	10.7	0.9	11.6	89	5.7	3	3	5	6	14	0	0	0	0	3	3	7	14	4	0	0	1	7	16	7	3	0	2	6	7	4	2	0															
HURN	11	3	1003.0	-	10.5	0.5	12.0	93	6.1	2	3	3	7	15	1	0	0	1	1	0	3	4	13	9	0	0	1	6	22	2	7	2	1	5	7	3	4	0														
		9	1003.3	-	11.4	0.7	12.4	91	6.9	0	1	1	19	10	0	0	0	1	0	1	4	9	9	6	1	0	1	9	20	1	6	5	1	2	8	4	4	0														
		15	1002.8	-	13.5	1.6	12.7	82	6.1	0	4	5	11	11	0	0	0	0	1	2	8	6	12	2	0	1	13	17	0	3	0	3	5	11	4	3	2															
PORTLAND BILL.C.O.	54	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-													
		9	1003.2	-	12.4	0.9	13.0	89	6.8	0	1	5	10	14	1	0	0	0	1	1	6	13	10	0	3	5	13	9	1	2	4	3	1	11	2	5	2															
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-														
DEVON	21	3	1004.2	-	12.5	1.1	12.7	87	5.5	1	7	6	1	16	0	0	0	0	1	1	6	9	11	3	1	5	16	8	1	1	4	1	2	9	2	9	2															
EXETER	38	3	1002.1	-	9.9	0.5	11.7	94	5.6	4	4	2	6	15	0	0	2	2	1	0	8	9	6	3	0	2	10	13	6	4	5	1	4	6	2	1	2															
		9	1002.3	-14.3	10.8	0.6	12.1	93	6.7	0	3	1	13	14	0	0	1	0	0	1	14	6	5	4	0	2	10	15	4	4	3	1	4	8	2	2	3															
		15	1002.4	-	13.2	1.7	12.3	81	6.4	0	2	6	12	11	0	0	0	0	1	6	8	4	12	0	1	13	16	1	4	3	0	6	7	1	6	3																
		21	1003.4	-	10.9	0.8	11.9	90	5.3	1	3	4	7	16	0	0	0	0	0	1	8	8	6	8	0	1	9	19	2	3	2	0	7	10	1	4	2															
HARTLAND POINT	93	3	1001.2	-	11.1	0.9	11.8	89	5.7	1	5	6	5	14	0	0	0	0	0	0	1	10	8	12	3	4	14	7	3	2	5	4	4	6	2	4	1															
		9	1001.3	-	11.3	1.0	11.9	88	6.7	0	1	3	19	7	1	0	1	0	0	0	3	9	7	11	0	9	8	13	1	0	5	3	4	7	2	5	4															
		15	1001.8	-	12.4	1.5	12.0	83	6.6	0	0	7	13	11	0	0	0	0	0	0	3	12	6	10	2	4	13	11	1	2	3	2	5	0	13	2																
MOUNT BATTEN	28	3	1002.0	-	10.9	0.7	12.0	91	6.1	2	3	4	6	15	1	0	1	0	1	0	14	10	5	0	7	6	15	3	2	1	6	4	5	6	2	2																
		9	1002.3	-14.3	11.5	1.0	12.1	88	6.1	0	5	3	13	9	1	0	1	0	1	0	10	7	9	3	0	4	8	19	0	3	4	6	1	5	3	7	2															
		15	1002.7	-	13.4	1.8	12.3	79	6.7	0	1	3	17	10	0	0	0	0	0	1	7	8	8	7	1	0	20	10	0	2	4	1	5	7	5	5																
PRAWLE POINT		3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-														
		9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-															
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-															
CORNWALL	21	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-															
		9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-															
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-															
GWENNAPE HEAD	70	3	1001.3	-	11.4	1.0	12.0	88	6.1	2	1	7	7	12	2	0	1	1	0	1	6	8	13	4	2	5	16	7	1	2	4	1	3	8	5	5	1															
		9	1002.0	-	11.8	1.1	12.0	86	6.0	0	3	9	8	10	1	0	0	1	0	1	6	11	10	2	1	3	15	12	0	4	1	2	4	5	9	5	1															
		15	1002.6	-	12.6	1.5	12.0	82	5.9	0	4	7	7	12	1	0	0	1	0	0	10	10	8	2	1	2	21	7	0	4	0	3	5	8	5	3																
		21	1002.9	-	11.6	1.1	11.8	86	4.9	2	8	4	7	8	2	0	1	0	0	1	0	3	11	13	2	2	1	17	11	0	4	3	1	2	10	5	3															
ST MAWGAN	107	3	1001.5	-	10.5	0.7	11.6	91	6.2	2	2	4	9	14	0	0	0	0	1	1	4	12	8	4	3	2	12	13	1	3	3	2	6	9	2	4	1															
		9	1001.9	-14.3	10.9	0.8	11.8	90	6.2	1	4	3	16	8	0	0	0	0	2	7	9	7	6	0	4	12	15	0	1	2	4	7	9	4	5	2																
		15	1002.5	-	12.5	1.6	11.7	81	6.4	0	2	8	8	13	0	0	0	0	0	1	7	5	12	6	1	4	12	15	0	1	2	4	7	9	4	5	2															
SCILLY	61	3	1001.8	-	11.6	0.9	12.2	88	6.0	1	2	8	5	13	2	0	1	0	1	0	2	7	10	7	3	0	6	10	12	3	1	3	1	3	7	3	6	4														
		9	1002.6	-13.5	12.0	1.2	12.2	86	5.9	0	4	7	8	11	1	0	0	1	0	1	4	11	10	4	1	2	12	13	3	2	2	1	4	4	5	7	3															
		15	1003.3	-	13.4	1.5	12.4	82	5.9	0	3	8	11	8	1	0	0	1	0	0	5	13	6	6	1	0	21	8	1	3	2	2	5	6	7	3																
CHANNEL ISLANDS	21	3	1003.5	-	11.8	1.0	12.2	88	5.2	1	7	6	5	11	1	0	0	1	0	1	7	9	9	4	1	2	14	13	1	0	3	2	3	9	4	4	5															

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

OCTOBER 1976

STATION	MAXIMUM °C										MINIMUM °C										STATION	MAXIMUM °C										MINIMUM °C									
	0-0 OR LESS	0-1 TO 5-0	5-1 TO 10-0	10-1 TO 15-0	15-1 TO 20-0	20-1 TO 25-0	25-1 TO 30-0	ABOVE 30-0	-15-0 OR LESS	-14-9 TO -10-0	-9-9 TO -5-0	-4-9 TO 0-0	0-1 TO 5-0	5-1 TO 10-0	10-1 TO 15-0	ABOVE 15-0	0-0 OR LESS	0-1 TO 5-0	5-1 TO 10-0	10-1 TO 15-0		15-1 TO 20-0	20-1 TO 25-0	25-1 TO 30-0	ABOVE 30-0	-15-0 OR LESS	-14-9 TO -10-0	-9-9 TO -5-0	-4-9 TO 0-0	0-1 TO 5-0	5-1 TO 10-0	10-1 TO 15-0	ABOVE 15-0								
LERWICK (PSYCHROMETER)	0	0	11	20	0	0	0	0	0	0	0	0	2	27	2	0	CAMBRIDGE BOTANIC GARDENS	0	0	2	19	10	0	0	0	0	0	0	0	0	0	5	17	9	0						
LERWICK (SCREEN)	0	0	10	21	0	0	0	0	0	0	0	0	3	26	2	0	EDDABASTON	0	0	4	21	6	0	0	0	0	0	0	0	0	3	22	6	0							
STORNOWAY	0	0	1	29	1	0	0	0	0	0	0	0	6	21	4	0	KEM (PSYCHROMETER)	0	0	2	19	10	0	0	0	0	0	0	0	0	8	13	9	1							
CRAIBSTONE	0	0	7	24	0	0	0	0	0	0	0	0	13	13	5	0	KEM (NORTH-WALL SCREEN)	0	0	2	19	10	0	0	0	0	0	0	0	2	15	13	1								
ROTHESAY	0	0	5	25	1	0	0	0	0	0	0	0	3	22	6	0	HASTINGS	0	0	1	16	14	0	0	0	0	0	0	0	0	0	12	18	1							
ABBOTSINCH	0	0	3	25	3	0	0	0	0	0	0	1	8	16	6	0	SOUTHAMPTON	0	0	0	21	10	0	0	0	0	0	0	0	2	17	12	0								
ESKDALEMUIR (PSYCHROMETER)	0	0	9	21	1	0	0	0	0	0	0	3	9	16	3	0	STONYHURST	0	0	3	22	6	0	0	0	0	0	0	0	5	22	4	0								
ESKDALEMUIR (SCREEN)	0	0	8	22	1	0	0	0	0	0	0	3	10	15	3	0	VALLEY	0	0	0	24	7	0	0	0	0	0	0	0	3	16	12	0								
DOUGLAS	0	0	2	28	1	0	0	0	0	0	0	0	0	26	5	0	RHOOSE	0	0	2	20	9	0	0	0	0	0	0	0	1	21	9	0								
BOULMER	0	0	2	27	2	0	0	0	0	0	0	0	7	15	9	0	FALMOUTH	0	0	0	24	7	0	0	0	0	0	0	0	3	22	6	0								
MULL	0	0	0	22	9	0	0	0	0	0	0	0	2	22	7	0	ALDERGROVE	0	0	6	22	3	0	0	0	0	0	0	0	9	19	3	0								
GORLESTON	0	0	0	19	12	0	0	0	0	0	0	0	0	17	13	1	ARMAGH	0	0	7	22	2	0	0	0	0	0	0	0	14	14	3	0								

TABLE 6 SUMMARY OF AUTOGRAPHIC RECORDS OF WIND

OCTOBER 1976

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 (KTS)	HOURLY WIND					GUST																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
				NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	VEER FROM N	SPEED-KT	DAY	HOUR BEGINNING			VEER 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																
				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	MEAN HOURLY WIND SPEED (KT)	VEER FROM N	SPEED-KT	DAY	HOUR BEGINNING	VEER FROM N	SPEED-KT	DAY	TIME								
CONTINUATION OF DISTRICT 3 EAST ANGLIA		ABOVE MSL	ABOVE GROUND EFFECTIVE																											
SUFFOLK	WYTON	45	10	10						0	3	5	195	368	176	0	7.8	220	25	7	09	220	39	7	0854					
	HONINGTON	60	13	13						0	2	10	216	369	149	0	8.4	250	26	7	10	250	43	7	1000					
BEDFORDSHIRE	WATTISHAM	105	17	10						0	4	23	268	399	54	0	10.3	150	30	14	19	150	47	14	1942					
	BEDFORD	94	13	9						0	4	10	209	393	132	0	8.5	230	26	7	09	230	40	7	0930					
HERTFORDSHIRE	CARDINGTON	70	41	41	7						1	7	53	286	290	114	0	10.6	240	34	7	10	240	51	7	0936				
	GARSTON	94	15	10						0	0	0	55	418	271	0	4.9	220	16	12	09	180	35	12	0218					
ESSEX	ROTHAMSTED	141	13	10																										
	SHOEBURYNNESS	17	14	12						0	7	32	266	331	115	0	10.0	180	28	14	14	170	46	14	1900					
	STANSTED	108	10	10						0	1	1	195	425	123	0	7.9	250	22	7	10	240	41	7	0812					
4 MIDLAND COUNTIES																														
SOUTH YORKSHIRE	FINNINGLEY	19	10	10						0	1	1	179	358	206	0	7.3	240	22	6	14	240	38	6	1418					
	SHEFFIELD																													
	UNIVERSITY	146	29	15						0	1	1	148	332	263	0	6.5	240	22	6	15	240	44	6	1412					
NOTTINGHAMSHIRE	WATNALL	130	13	10						0	2	2	208	393	141	0	8.0	230	24	6	14	240	41	6	1336					
STAFFORDSHIRE	KEELE	215	15	10						0	0	0	54	314	376	0	4.4	190	19	23	15	190	42	23	1524					
SALOP	SHAWBURY	84	12	10						0	2	7	153	354	230	0	6.9	250	29	6	13	250	43	6	1442					
WEST MIDLANDS	BIRMINGHAM																													
	EDGBASTON	196	36	22						0	1	1	141	305	297	0	6.3	200	22	12	05	200	43	23	1248					
	ELMOON AIRPORT	104	10	10						0	1	2	189	376	177	0	7.6	180	23	12	05	150	42	12	0406					
HEREFORD & WORCS	PERSHORE	47	10	10						0	7	27	201	357	159	0	8.7	100	27	14	08	180	46	23	1224					
GLOUCESTERSHIRE	FAIRFORD	88	10	10																										
OXFORDSHIRE	BENSON	67	10	10						0	5	15	226	344	159	0	8.6	160	29	12	02	160	49	12	0224					
	BRIZE NORTON	91	13	10						0	1	1	190	382	171	0	7.5	100	23	14	08	240	45	7	0936					
5 ENGLAND SOUTHEAST & CENTRAL SOUTHERN																														
GREATER LONDON	HAMPTON	42	31	30						0	1	1	162	425	156	0	7.4	190	22	12	02	200	37	12	0354					
	HEATHROW AIRPORT	34	10	10						0	0	0	158	309	277	0	6.2	220	21	7	08	220	43	7	0848					
	KEW	28	23	15						0	4	10	249	417	68	0	9.5	190	25	12	04	250	41	7	1106					
	LONDON WEATHER CENTRE	93	70	38						7	16	161	389	184	3	0	16.1	180	37	14	17	250	54	7	0848					
WILTSHIRE	POST OFFICE TOWER				174	7	12	14						0	8	36	226	397	85	0	9.9	180	29	12	01	180	46	12	0106	
	BOSCOMBE DOWN	130	17	17						0	1	1	189	399	155	0	7.9	180	22	5	12	170	39	12	0118					
	LARKHILL	145	13	10						0	9	52	188	359	128	17	9.5	170	32	12	01	170	47	12	0206					
KENT	PORTON	120	10	10						8	9	68	294	268	106	0	11.9	200	36	14	16	200	59	14	1948					
	DUNGENESS	16	10	10	14						0	6	31	225	331	145	12	9.1	160	31	14	18	210	46	6	0954				
	ISLE OF GRAIN	62	18	18	6	7	14						8	9	70	275	330	61	0	11.8	210	38	7	08	180	61	14	1818		
HAMPSHIRE	MANSTON	15	12	10						9	11	76	263	311	84	1	11.6	210	37	12	03	190	52	14	1412					
	CALSHOT	75	10	10	12	14						0	1	1	144	282	305	12	6.2	210	22	7	06	210	38	7	0518			
	FARNBOROUGH	94	10	10						0	3	15	201	324	204	0	8.2	170	25	12	02	180	40	12	0218					
WEST SUSSEX	MIDDLE WALLOP	69	10	10						0	4	10	170	345	219	0	7.6	230	26	7	07	170	43	14	1530					
	GATWICK AIRPORT	16	10	10	12	14						7	11	88	210	305	134	0	10.8	190	40	14	15	190	54	14	1530			
	THORNEY ISLAND																													
7A ENGLAND NORTHWEST AND ISLE OF MAN																														
CUMBRIA	CARLISLE	41	13	9						0	1	8	164	466	106	0	7.7	240	24	6	11	230	51	6	1318					
	GREAT DUN FELL	857	10	10	1 3 5-7 14 15 17 18 23 28-30						99	27	295	293	56	1	0	23.0	230	64	6	12	230	80	6	1242				
	MOOR HOUSE	595	13	12																										
	SELLAFIELD	25	12	11						0	3	22	289	336	94	3	9.8	210	26	6	14	220	37	6	1612					
LANCASHIRE	FLEETWOOD	34	15	9						0	6	28	204	366	146	0	8.5	310	28	15	16	220	52	6	1330					
	SQUIRES GATE AIRPORT	22	12	11						0	6	36	278	380	50	0	10.4	230	33	23	17	220	52	23	1700					
MERSEYSIDE	RIGBURTH	38	23	11						0	4	20	189	389	130	16	8.6	220	31	6	15		46	23	1618					
	SPEKE AIRPORT	30	10	10						0	4	13	238	379	114	0	8.9	170	27	23	15	240	46	6	1454					
GREATER MANCHESTER	MANCHESTER																													
	RINGWAY AIRPORT	80	10	10						0	3	9	255	368	112	0	9.1	200	28	23	16	230	45	6	1418					
	WEATHER CENTRE	82	45	17						0	2	7	124	479	127	7	7.3	240	26	6	13	240	49	6	1336					
ISLE OF MAN	POINT OF AYRE	20	10	10	5						1	14	130	340	252	21	0	14.0	140	37	5	13	230	54	6	1548				
	RONALDSWAY	25	10	10						0	13	89	371	244	40	0	13.1	230	31	6	15	230	49	6	1524					
7B WALES NORTH																														
GWYNEDD	VALLEY	26	16	12	5	6	23						10	12	107	283	284	60	0	13.1	170	37	5	13	280	57	23	1500		
8A WALES SOUTH																														
DYFED	ABERPORTH	144	10	10	5	14	15	17	23						13	12	82	364	250	35	0	13.3	320	40	14	21	160	59	23	1130
	BRANDY	121	10	10	14						2	10	54	285	347	56	0	11.1	330	34	14	14	320	52	14	1918				
	MILFORD HAVEN	47	10	10						0	11	60	286	337	61	0	11.3	330	32	14	18	320	57	14	1830					
WEST GLAMORGAN	PORT TALBOT	28	12	11						0	7	46	256	296	146	0	9.6	090	28	14	04	090	49	14	0436					
	CILFYNYDD	210	16	16						0	6	14	196	322	202	10	8.0	220	25	6	01	070	44	14	0548					
SOUTH GLAMORGAN	RHOOSE AIRPORT	74	10	10						0	7	38	279	352	75	0	10.3	290	29	15	05	290	47	15	0536					
8B ENGLAND SOUTHWEST																														
AVON	AVONMOUTH	28	19	10																										
	DORSET	23	13	11						0	5	22	205	337	180	0	8.4	180	30	14	11	180	50	12	0012					
	HURN AIRPORT	60	13	13	5	11	12	14	15						35	17	135	324	158	30	62	16.5	290	51	14	16	290	69	14	1700
DEVON	PORTLAND BILL CG	64	13	13						6	10	72	278	301	87	0	11.4	310	36	14	14	310	59	14	1424					
	MOUNT BATTEN	96	23	18	3	5-7	11-16						44	24	136	437	113	4	10	17.7	270	48	12	01	300	72	14	1054		
CORNWALL	LIZARD	120	13	13	12	14	15						17	14	72	302	324	29	0	12.4	300	44	14	12	300	59	14	1130		
	ST MAWGAN	70	20	17	11	12	14	23						21	14	62	357	243	61	0	12.7	290	47	14	08	290	70	14	0854	
	SCILLY (ST. MARY'S)																													
CHANNEL ISLANDS																														
	GUERNSEY AIRPORT	111	11	10	11	12	14	15						21	10	49	419	231	24	0	13.6	240	44	14	10	240	67	14	1000	
	JERSEY AIRPORT	98	18	12	14	15						21	11	46	403	224	50													

MONTHLY WEATHER REPORT

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

NOVEMBER 1976

VOLUME 93

NUMBER 11

Wet in south-east, quite sunny, particularly in the north.

A series of fronts associated with depressions to the north-west crossed all areas during early November. Pressure began to rise towards the end of the second week, however, and by the 19th an anticyclone was centred over the British Isles. The high pressure then drifted slowly westwards and a cold front moved south on the 21st and 22nd. Weak troughs mainly affected northern areas during the next few days, but from the 26th frontal systems from the west crossed all districts and vigorous depressions moved rapidly across southern England.

Weather

The month was generally showery with sunny spells and periods of rain at times. The showers were heavy and thundery at first, but they became less frequent during the second week, when fog formed extensively at night. The weather was mainly dry from the 19th to the 25th, but rain then spread to all districts and there were severe gales in places. Snow and sleet showers fell mostly in northern areas at the beginning and end of the month and there were hail showers at times.

Wind

Wind directions were mostly south to south-westerly, but were occasionally between north-west and north-east. Winds were frequently fresh or strong on coasts in the first week, reaching gale force in exposed places. There were gales in north and west Scotland around mid month and fresh or strong winds continued in the far north through the third week. Winds reached gale force in many parts of the British Isles from the 25th onwards, affecting northern districts at first and southern areas later. The gales were severe at times. Most places in the north recorded their highest gust of the month on the 27th or on the 28th, when the Royal Observatory at Blackford Hill, Edinburgh, measured a gust of 82 kt. Gales swept coastal districts of southern England at the end of the month, causing damage to sea-front properties and disrupting the ferry service to the Isle of Wight on the 29th, when an extreme gust at the Needles blew in the windows at the coastguard lookout.

Temperature

Monthly mean temperatures were about 1 degC above average in southern Shetland, where Lerwick had its mildest November since 1959, and a little above average in Orkney, the Outer Hebrides, northern most parts of the Scottish mainland and in a few places on or near the coasts of Great Britain. Mean values were between 0 and 1 degC below average everywhere else. Many districts had their coldest weather between the 10th and 14th and minima of below -5.0 °C were recorded fairly widely in the north and also occurred in central areas. In South Wales, Usk (Gwent) reported a temperature of -12.4 °C on the night of the 13th/14th. It was also rather cold in some areas between the 21st and the 24th. Highest temperatures mostly occurred during the first week in eastern and southern England and in the latter half of the month elsewhere. Monthly maxima reached or exceeded 13.0 °C in many parts of the United Kingdom.

Rainfall (including melted snow)

Monthly rainfall totals were above average in western Scotland, the Isle of Man, along the coastal strips of north-west England, South Wales and parts of south-west England, in much of East Anglia and in south-eastern and central southern England. Values exceeded 150 per cent of the normal in some places within these areas and were mostly between 150 and 200 per cent in Kent and Sussex. Rainfall was below average almost everywhere else and was less than 50 per cent of the normal in parts of north-east Scotland, in a belt from south-east Scotland to the Humber, in the north Midlands and in Co Armagh. Showers or longer periods of rain occurred mostly during the first part of the month, when the showers were sometimes accompanied by hail and thunder, and in the last week. Rain caused widespread flooding in southern England towards the end of the month, and on the 29th 70.6 mm were recorded at Stubbington, near Fareham in Hampshire, in the 24 hours from 09 GMT.

Snow

Snow or sleet showers fell in some northern districts during the first few days, between the 21st and 23rd, and from the 27th to the 30th, when a few places in eastern and southern England also had a little snow. Falls of snow were local, however, and even in the north some places had none. At Eskdalemuir (Dumfries and Galloway Region) this was the first November without snowfall since 1960. Snow depths were mostly negligible, except at the end of the month, when a few places in Scotland and northern England measured 5 to 7 cm in undrifted snow. A blizzard occurred in Cumbria on the 29th and the Kirkstone Pass was blocked by snow for a short time: Moor House (Cumbria) reported a depth of 20 cm on the 30th. Snow lay throughout the month only on the higher slopes of the Scottish mountains.

Sunshine

Monthly sunshine totals were below average in a few places in Northern Ireland, western Scotland, northern England and East Anglia, and more generally in south-eastern and

central southern England, the south Midlands and South Wales. Values were generally between 80 and 100 per cent of average in these areas, but were only about 70 per cent along the south coast, east of Beachy Head. Remaining districts had above-average sunshine, with totals mostly between 100 and 150 per cent of the normal, but exceeding 150 per cent in the Northern Isles and along much of the eastern coastal strip of Scotland. Orkney and the north-east coast of Scotland were particularly sunny and some long-standing records were broken. At Banff (Grampian Region), for example, this was the sunniest November since records began in 1914.

Fog

Overnight fog became fairly widespread over the southern half of England on the 3rd, but cleared during the morning. Fog occurred more widely in the second week, however, affecting central and northern England at first and many areas between the 10th and 15th. The fog was dense at night, with freezing patches, and it persisted all day in places, particularly in northern England. Fog continued to form at times until the 21st, after which inland areas were generally clear until the 30th, when parts of Northern Ireland, northern England and the Midlands were again affected. Coastal fog formed from time to time during the month and hill fog occurred mainly during the second and third weeks.

Miscellaneous Phenomena

In Scotland the aurora was observed on 3 nights.

Table 1 District values

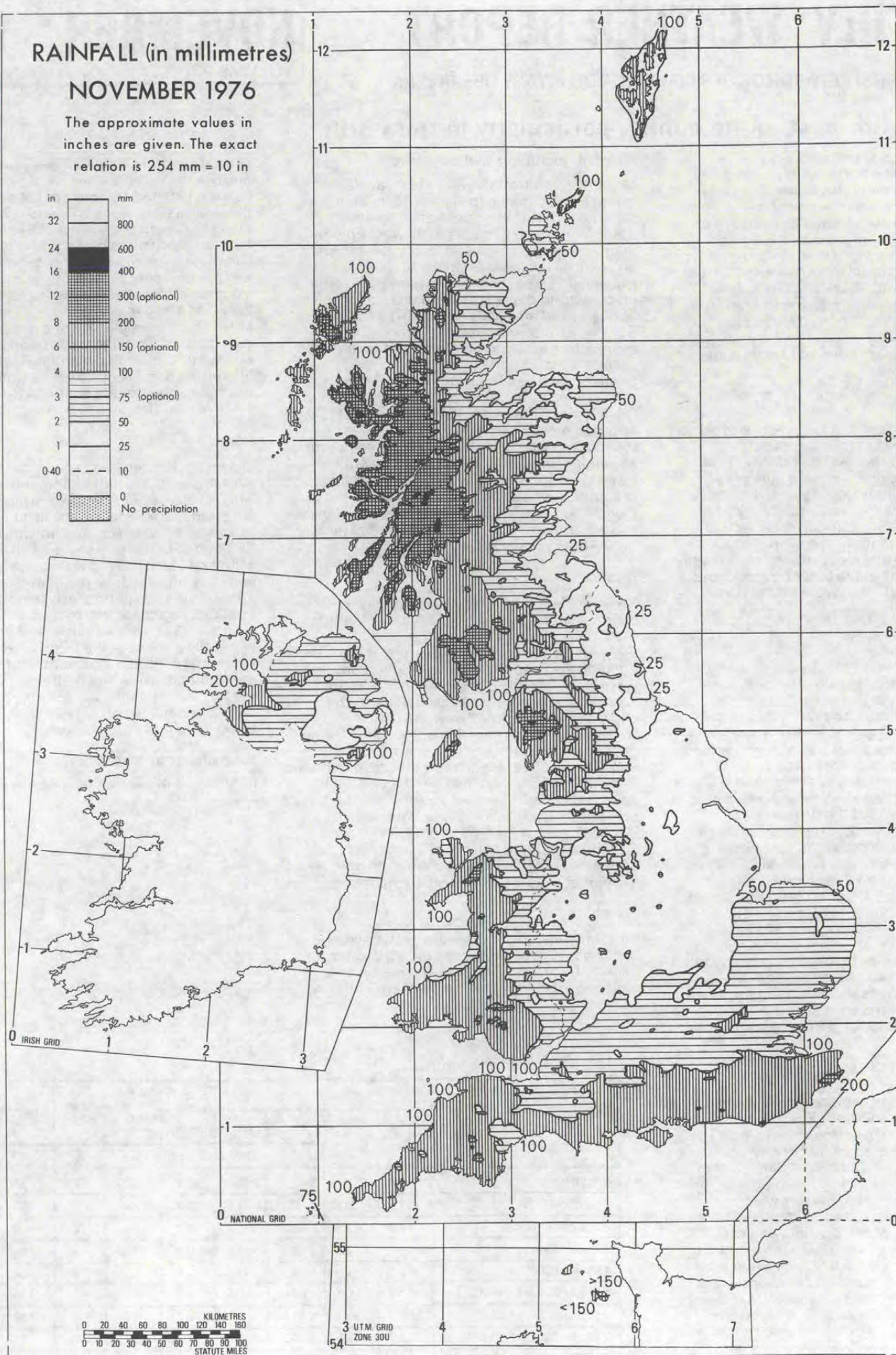
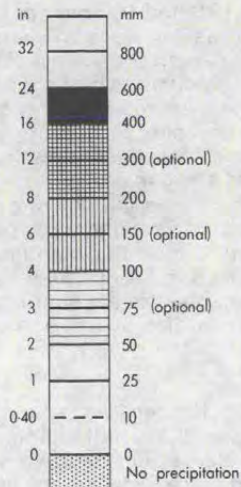
District	air temperature °C					mean 30-cm earth temp °C	rain- days	rainfall	sun- shine
	Highest Max.*	Lowest Min.*	max.	min.	mean				
0 Scotland N	11.6	-3.0	+0.1	0.0	+0.1	-0.2	-2	91	140
1 Scotland E	13.3	-6.9	-0.1	-0.5	-0.3	+0.4	-5	67	141
2 England E & NE	11.9	-3.8	-0.3	-0.8	-0.6	0.0	-4	50	116
3 East Anglia	13.2	-2.5	-0.2	-0.2	-0.1	+0.3	+1	108	109
4 Midland Counties	12.7	-4.9	-0.2	-0.9	-0.5	-0.3	-3	64	127
5 England SE & Central S	13.8	-4.7	-0.3	-0.3	-0.3	+0.1	+2	148	93
6 Scotland W	11.7	-6.4	-0.2	-0.2	-0.2	-0.1	0	112	116
7 England NW & Wales N	12.3	-4.5	-0.3	-0.2	-0.2	+0.1	-1	81	117
8 England SW & Wales S	13.9	-3.0	-0.4	-0.6	-0.5	-0.4	+1	90	109
N Ireland	11.2	-5.0	-0.7	-1.0	-0.9	-0.1	-3	68	121
Scotland	13.3	-6.9	-0.1	-0.2	-0.1	0.0	-2	90	132
England & Wales	13.9	-4.9	-0.3	-0.5	-0.4	0.0	-1	90	112

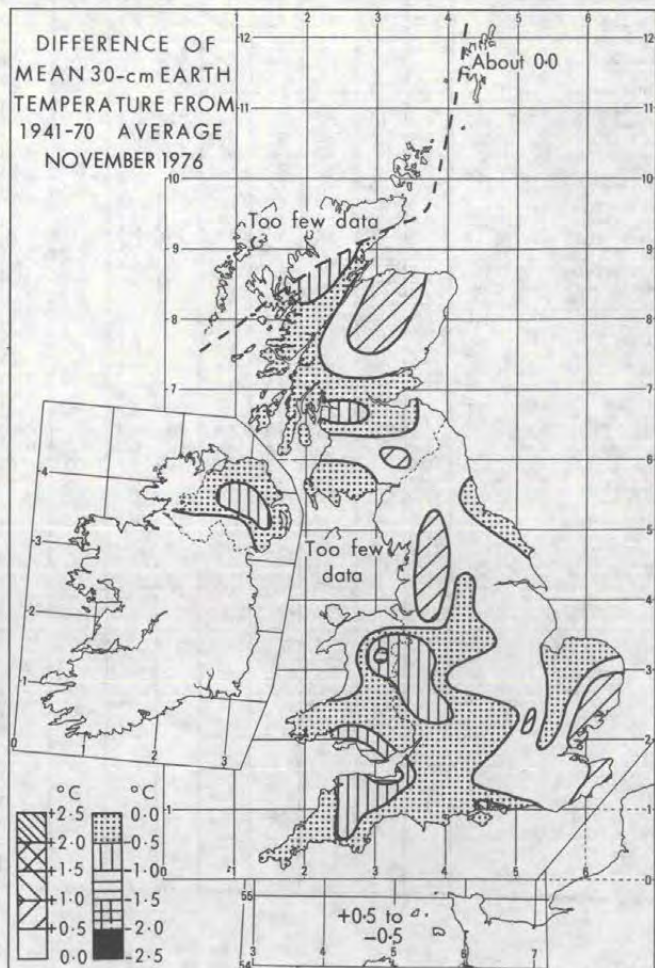
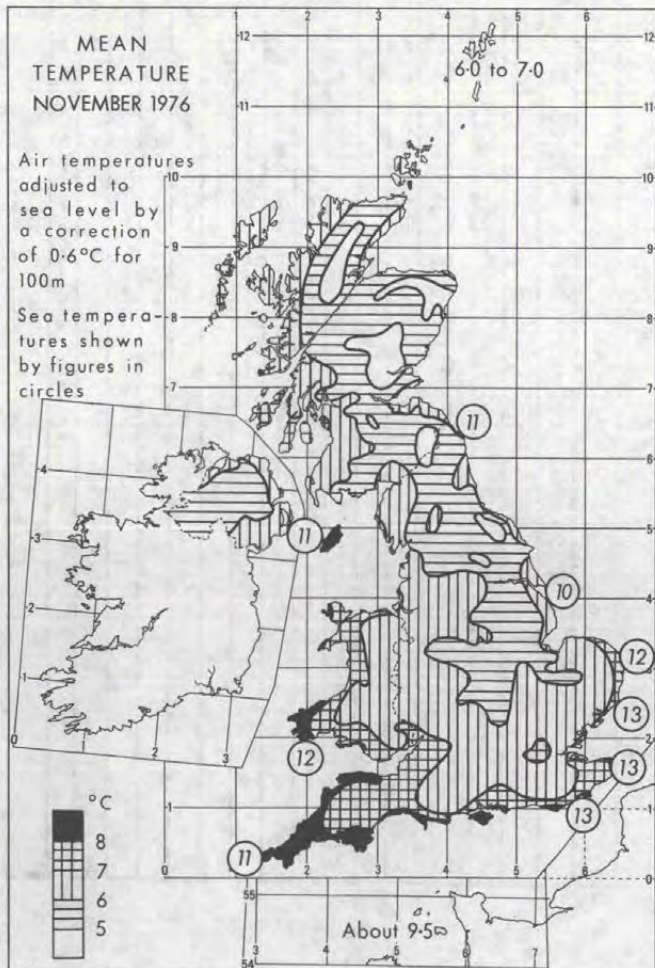
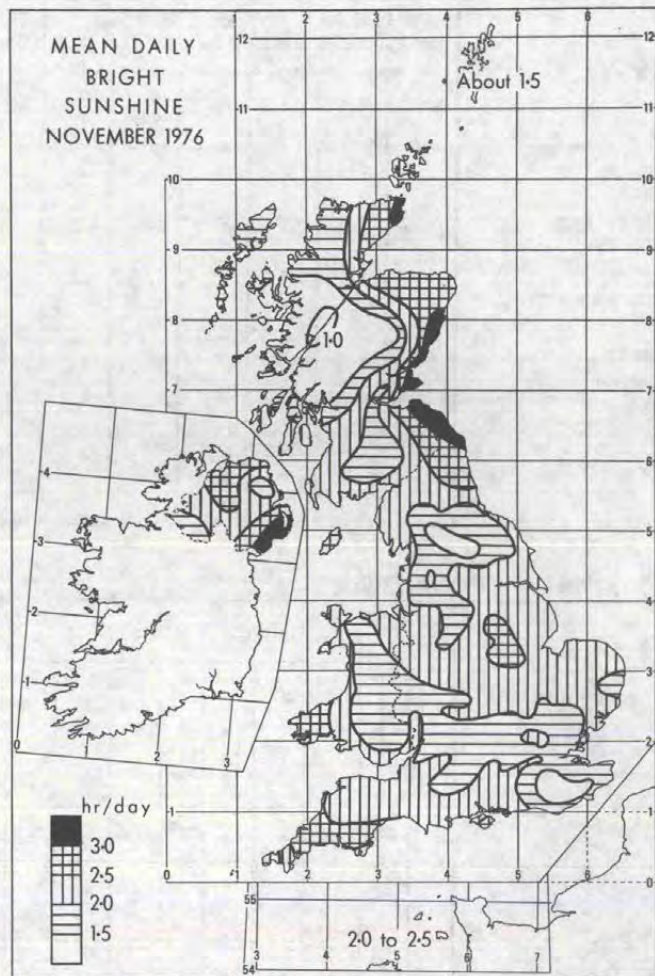
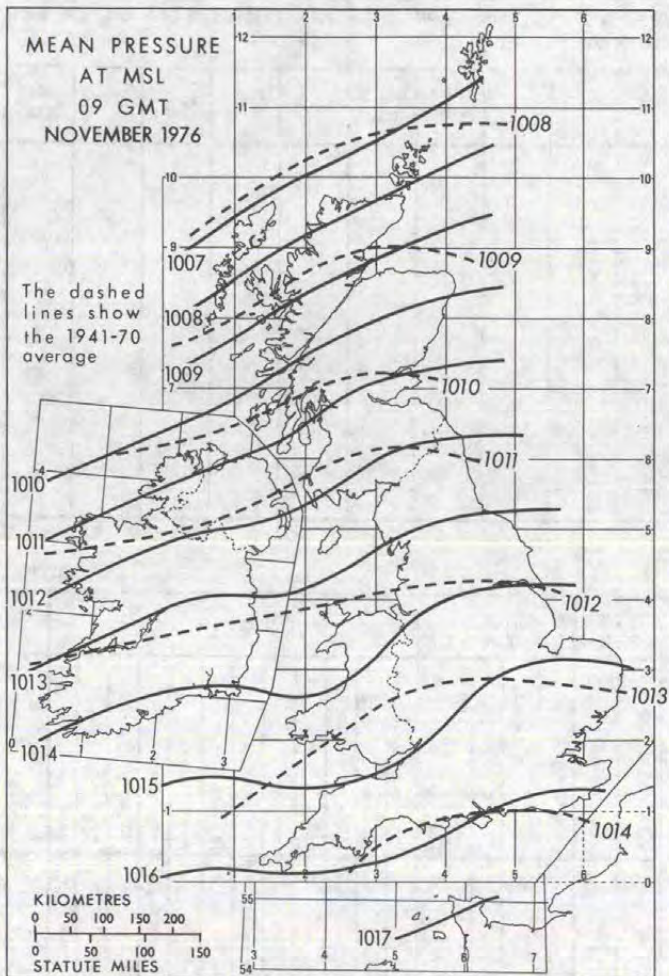
* Highest maximum and lowest minimum of District Value Stations

RAINFALL (in millimetres)

NOVEMBER 1976

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





STATION	TOTAL RADIATION ON A HORIZONTAL SURFACE (HILLIWATT-HOURS PER SQUARE CENTIMETRE)						DIFFUSE RADIATION ON A HORIZONTAL SURFACE (HILLIWATT-HOURS PER SQUARE CENTIMETRE)						TOTAL ILLUMINATION ON A HORIZONTAL SURFACE (KILOLUX-HOURS)					
	MAX.	DATE	MIN.	DATE	DAILY MEAN	NO. OF DAYS	MAX.	DATE	MIN.	DATE	DAILY MEAN	NO. OF DAYS	MAX.	DATE	MIN.	DATE	DAILY MEAN	NO. OF DAYS
LERWICK																		
ESKDALEMUIR																		
CARDINGTON																		
ABERPORTH																		
LONDON WEATHER CENTRE																		
KEW																		
BRACKNELL																		
ALDERGROVE																		
JERSEY	205	3	19	29	93.8	30	99	7	19	29	61.5	30	251	3	26	29	119.7	30

TABLE 3. SUMMARY OF DAILY OBSERVATIONS

NOVEMBER 1976

[illegible]

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

205
NOVEMBER 1976

DISTRICT REGION/COUNTY AND PLACE	MAX. TERMINAL H(GMT) MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE HSL (METRES)	AIR TEMPERATURE IN DEGREES C								MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL H 09 GMT)		WEATHER (NUMBER OF DAYS)										BRIGHT SUNSHINE																						
			MEANS OF				DAILY MEAN (MEAN OF A-B)	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	FOG AT 9H	AIR FROST	SEVERE H ¹ °C	SEVERE H ² °C	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE															
			MAX. (A)	MIN. (B)	MAX.	DATE		MIN.	DATE	AMOUNT (MM)	DATE																						0.2 MM OR MORE	1.0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER	FOG AT 9H	AIR FROST	SEVERE H ¹ °C	SEVERE H ² °C	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE
1 SCOTLAND E																																															
GRAMPIAN																																															
ABERDEEN																																															
DYCE AIRPORT	21-9	58	8.1	1.2	4.7	-0.6	12.6	25	-5.4	20			45	53	11	26	12	9	2	0	0	0	0	9	23	21	0	2.96	153																		
MANNOFIELD	9-9	16	8.1	1.7	4.9	-0.4	11.6	25	-2.6	20			49	61	15	26	11	9	1	0	0	0	0	9	21	0	2.05	149																			
BALMORAL	9-9	283	6.6	-0.4	3.1	-0.2	10.0	25	-6.5	20			43	51	14	27	13	8	2	0	0	0	0	15	24	19	0	2.96																			
BANCHORY	8-8	77	8.2	0.8	4.5		12.2	25	-3.5	20			36	49	11	26	12	8	0	0	0	0	0	11	23	19	1	2.96																			
BANFF	9-9	24	8.1	3.1	5.6		11.0	25	0.4	11			39	49	13	12	13	8	0	0	0	0	0	10	25	25	0	2.75																			
BREMAR	9-9	339	6.3	-0.3	3.0	-0.4	10.0	25	-6.9	12			61	69	18	27	15	10	0	0	0	0	0	13	25	25	0	1.38	127																		
CARRISTONE	9-9	91	8.1	1.7	4.9	-0.4	11.5	25	-2.0	20	6.1	8.0	48	55	11	26	15	10	3	1	0	0	0	10	21	21	0	3.27	167																		
CULTERTY	9-9	3	0.5	1.0	4.7		11.6	25	-4.6	20			45	62	12	26	15	11	0	0	0	0	0	10	20	20	0	2.99																			
ELGIN	9-9	15	9.0	(1.7)	5.3		12.0	24-25	-1.2	11			39	59	8	12	13	9	0	0	0	0	0	5	14	23	0	2.42																			
FORRES	9-9	50	8.6	2.1	5.3		11.4	25	-2.1	14	5.5	8.4	37	7	12	14	10	0	0	0	0	0	0	14	23	22	0	2.99																			
FRASERBURGH	21-9	19	8.8	4.1	6.5		11.0	25	-8.2	30			50	64	11	26	13	9	2	0	0	0	0	14	26	26	0	2.64																			
FYVIE CASTLE	9-9	55	7.8	-0.5	3.7		11.0	25	-5.5	20			54	57	12	26	20	10	2	0	0	0	0	14	26	26	0	2.99																			
GARTLY	9-9	146	7.6	1.0	4.3		11.2	25	-5.3	11			46	57	17	27	12	10	0	0	0	0	0	14	26	26	0	2.99																			
GLENLIVET	21-9	215	7.2	1.1	4.1		10.2	25	-5.9	11			44	49	12	26	18	10	2	0	0	0	0	14	23	22	0	2.53																			
INVERURIE	9-9	54	7.8	-0.8	3.5		11.7	25	-6.9	20			42	49	10	26	12	9	1	0	0	0	0	14	23	22	0	2.70																			
KEITH	9-9	106	7.9	0.4	4.1		10.6	4-25	-6.1	11			52	52	28	12	13	7	2	0	0	0	10	22	22	0	2.64																				
KINLOSS	21-9	5	8.3	2.5	5.4	-0.3	11.4	25	-3.1	11	7.3		52	62	9	12	12	8	1	0	0	0	0	17	14	10	0	3.02																			
LOSSIEMOUTH	21-9	6	8.5	2.2	5.3		11.6	1	-5.0	11			35	59	8	17	12	8	2	0	0	0	1	19	20	15	1	3.03	159																		
STONEHAVEN	9-9	4	(9.1)	2.7	(5.9)	(+0.1)	11.6	25	-2.5	21			41	51	18	26	8	6	1	0	0	0	0	5																							
TAYSIDE																																															
ARBROATH	9-9	28	8.5	2.8	5.7		11.2	24-25	-1.3	20			34	52	17	26	11	9	0	0	0	0	0	1	5	15	15	0	3.40	154																	
ARDATHAIG	9-9	130	7.3	2.2	4.7		10.2	21-24-27	-1.4	17			133	111	36	27	19	14	0	0	0	0	1	3	7	14	14	0	1.38																		
ASHINTULLY CASTLE	9-9	341																																													
BLAIRGOWRIE	9-9	70	7.6	1.1	4.3		11.7	25	-5.2	14	5.4		66	95	14	27	12	10	0	0	0	0	0	10	25	25	0	1.94																			
DALL	9-9	232	6.3	-0.2	3.1		9.8	25	-4.8	14			116	110	37	27	17	14	4	2	0	0	0	0	1	4	17	27	2	1.96																	
DRUMMOND CASTLE	9-9	113	7.9	0.8	4.3		11.8	16	-3.3	14	6.2		142	70	41	27	17	15	0	0	0	0	0	12	27	27	0	2.88																			
DUNDEE	9-9	45	8.6	1.9	5.3	-0.2	13.3	25	-1.8	14	5.6		49	70	22	26	10	9	0	0	0	0	0	5	10	24	24	0	2.88	141																	
FASKALLY	9-9	94	7.4	0.8	4.1		11.2	25	-4.2	17	6.2	8.8	89	111	19	28	16	11	3	0	0	0	3	12	23	23	0																				
GLENAGLES	9-9	152																																													
KINDROGAN	9-9	259	5.8	-0.7	2.5		9.5	25	-5.5	14-15			100	25	28	16	11	3	2	0	0	0	2	18	27	27	0																				
KINROSS	9-9	116	7.7	0.4	4.1		10.4	16	-4.0	14	5.2		83	23	26	15	13	0	0	0	0	0	0	14	19	19	0	1.93																			
MONTROSE	9-9	57	8.3	2.2	5.3		11.5	1	-2.0	30			39	56	15	26	9	7	0	0	0	0	0	1	5	13	13	0	2.99																		
MYLNEFIELD	9-9	30	7.9	1.3	4.6		11.3	24	-3.0	14	5.9	8.6	48	72	22	26	12	10	0	0	0	0	0	3	11	24	24	0	2.99																		
PERTH	9-9	23	7.9	1.1	4.5	-0.7	12.4	24	-4.0	12			67	99	20	26	13	9	0	0	0	0	0	6	13	27	27	0	2.07	117																	
STRATHALLAN	9-9	41	7.9	1.0	4.5		11.2	21	-3.5	14			78	24	27	15	9	0	0	0	0	0	0	5	12	24	24	2																			
USAN	21-9	30	8.3	3.3	5.8		11.0	24-25	-1.6	20			38	17	26	10	7	0	0	0	0	0	0	4	11	10	1	3.19																			
WHITEHILLOCKS	9-9	258	7.3	0.9	4.1		10.7	25	-4.5	20			86	67	29	27	16	12	1	0	0	0	0	12																							
FIFE																																															
BELLISTON	9-9	82	8.1	3.2	5.7		11.2	24	0.4	14	7.1		41	54	20	26	8	8	0	0	0	0	0	0	17	17	2																				
CUPAR (ELMHOD)	9-9	36																																													
GLENROTHES (GLENWOOD)	9-9	117	7.8	1.6	4.7		10.4	24	-2.6	14			44	68	18	26	10	9	1	0	0	0	0	1	9	18	17	0	2.52																		
LEUCHARS	21-9	10	8.2	2.3	5.3	-0.6	11.5	24	-4.4	14			53	79	13	26	15	10	1	0	0	0	0	5	18	13	2	3.07	136																		
PITREAVIE	21-9	40	8.3	3.2	5.7		11.2	8	-2.4	14			53	79	13	26	15	10	1	0	0	0	0	5	18	13	2																				
ST ANDREWS	9-9	18	8.3	2.7	5.5		10.5	26	-3.1	14	5.6	8.3	21	31	5	27	9	7	0	0	0	0	0	2	18	18	0	3.11																			
LOTHIAN																																															
BLACKBURN SEWAGE WORKS	9-9	131																																													

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

NOVEMBER 1976

DISTRICT REGION/COUNTY AND PLACE	MAX. TERMINAL (HOURS) MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C								MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL H 09 GMT)		WEATHER (NUMBER OF DAYS)										BRIGHT SUNSHINE							
			MEANS OF				HIGHEST MAXIMUM		LOWEST MINIMUM		30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY	PRECIP- ITATION	0.2 MM OR MORE	1.0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	WIND DIRECTION	WIND SPEED	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE		
			MAX. (A)	MIN. (B)	DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	MAX.	DATE	MIN.	DATE																						
6 SCOTLAND W																																
STRATHCLYDE																																
ACHAGLACHGACH ...	9 9	12	9.3	3.3	6.3	-	11.0	1	-2.8	13	-	-	195	113	24	15	22	20	1	0	0	2	2	0	6	19	-	1	-	-	-	
AROS ...	9 9	37	9.6	3.4	6.5	-	12.1	7	-2.7	12	-	-	195	108	30	27	23	20	1	0	0	0	0	0	4	16	-	1	-	-	-	
AUCHINCUIVE ...	9 9	45	9.0	3.6	6.3	+0.2	11.2	27	-2.4	13	7.6	9.2	108	120	14	27	20	18	0	0	0	0	0	0	4	15	-	2.47	134	-	-	
BARRHEAD ...	9 9	30	8.7	2.3	5.5	-	11.2	27	-4.6	14	-	-	135	125	32	27	19	18	3	0	0	2	0	0	7	21	-	2	-	-	-	
BENMORE (YOUNGER BOTANIC GARDEN)	9 9	12	8.3	2.7	5.5	-	10.8	27	-2.0	13	-	-	275	127	47	27	22	21	3	0	0	3	0	2	5	19	-	0	-	-	-	
BRODICK CASTLE ...	9 9	15	9.6	4.1	6.9	-	12.1	16	-1.1	13	7.9	-	230	123	34	27	22	22	2	0	0	2	1	1	10	11	-	2	-	-	-	
CAMPS RESERVOIR ...	9 9	295	6.5	1.0	3.7	-	9.9	27	-5.2	13	-	-	109	80	23	27	19	16	4	1	0	1	1	1	10	11	-	1.71	-	-	8	
CARNWATH ...	9 9	208	7.2	-0.1	3.5	-	9.9	27	-8.0	13	6.3	-	82	102	15	26	21	16	3	1	2	0	0	1	12	20	-	17	5	-	-	
COLONSAY ...	9 9	35	9.3	4.9	7.1	-	(10.6)	23.24	-1.2	13	-	-	188	-	22	10	23	20	1	0	0	1	0	1	1	-	-	2	-	-	-	
CRAWFORD JOHN ...	9 9	274	6.9	0.8	3.9	-	10.0	27	-7.0	13	6.5	-	-	-	-	-	-	-	3	0	0	0	0	1	8	13	-	13	1	1.76	-	
CUMBERNAULD ...	9 9	94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CUMNOCK ...	9 9	99	8.7	2.3	5.5	-	11.1	27	-3.8	23	-	-	127	-	16	26	20	18	2	0	0	2	0	1	6	12	-	0	2.28	-	-	
DUNSTAFFRAGE ...	9 9	3	8.9	4.1	6.5	-	10.8	8	-1.4	13	-	-	203	-	30	27	22	19	3	0	0	2	1	0	1	22	-	4	-	-	-	
EAST KILBRIDE ...	9 9	178	8.0	2.6	5.3	-	10.4	27	-2.2	13	-	-	137	-	33	27	21	19	2	0	0	0	0	4	21	-	0	2.26	-	-	-	
FINNART ...	9 9	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
GIRVAN ...	9 9	8	9.5	4.0	6.7	-	12.8	27	-0.4	12	-	-	112	109	16	15	19	18	0	0	0	1	0	0	3	6	-	4	2.30	-	-	-
GLASGOW																																
ABBOTSLINCH AIRPORT ...	21-9	5	8.5	2.8	5.7	-0.3	11.4	27	-6.0	13	-	-	116	-	28	27	20	16	1	0	1	3	0	3	8	19	9	1	1.83	118	-	-
SPRINGBURN PARK ...	9 9	107	7.6	2.7	5.1	-0.2	(10.4)	1	-3.5	14	-	-	113	119	17	27	21	19	2	0	0	1	0	4	5	19	-	0	1.99	138	-	-
WEATHER CENTRE (X)	21-9	40	8.7	5.2	6.9	-	11.5	16	-0.6	13	-	-	104	-	22	27	20	18	1	0	0	1	0	0	1	-	-	0	1.88	-	-	-
GLENBARATER ...	9 9	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
GREENOCK ...	9 9	61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HELENSBURGH ...	9 9	89	7.7	2.8	5.3	-0.3	10.1	16	(-1.5)	14	-	-	145	109	23	27	21	20	-	-	-	-	-	3	2	-	-	-	1.53	119	5	-
KNAPDALE FOREST ...	9 9	40	9.0	2.9	5.9	-	11.6	21	-4.0	13	-	-	209	-	31	27	20	19	0	0	0	0	0	0	6	16	-	1	1.26	-	-	-
LANARK ...	9 9	152	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LEADHILLS ...	9 9	388	6.2	1.0	3.6	-	9.1	27	-4.1	23	-	-	207	128	38	27	17	17	5	0	0	1	1	2	10	13	-	1	-	-	-	
MACHRIHANISH ...	21-9	10	9.7	5.3	7.5	-	11.8	27	-3.2	13	-	-	135	107	22	15	16	16	1	0	0	3	1	0	1	6	4	2	2.26	-	-	-
MILLPORT ...	9 9	5	9.4	5.9	7.7	-	11.2	16.18	1.7	13	-	-	115	107	13	15	23	19	2	0	0	0	0	0	0	0	-	0	-	-	-	-
PAISLEY ...	9 9	32	8.6	3.1	5.9	-0.4	11.0	24.27.28	-3.7	13	6.1	9.4	124	119	29	27	20	18	0	0	0	2	0	3	6	12	-	2	1.69	117	-	-
PRESTWICK ...	21-9	16	9.0	4.1	6.5	-	11.6	16	-3.0	13	-	-	102	117	15	26	21	18	0	0	0	1	0	0	5	10	8	0	2.09	-	-	5
RHUVALE ...	21-9	20	9.5	5.6	7.5	-	11.0	6.20.23	1.5	30	-	-	230	169	34	27	21	18	3	0	0	0	0	0	0	3	2	0	-	-	-	-
ROTHESAY ...	9 9	43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SLOY ...	21-9	12	8.3	3.8	6.1	-	11.8	21	-2.1	23	-	-	280	-	39	27	21	21	2	-	-	0	0	0	5	-	-	0	-	-	-	-
STRONACHULLIN ...	9 9	2	9.2	4.1	6.7	-	11.3	27	-1.2	13	-	-	238	-	42	17	22	18	0	0	0	3	0	0	1	7	-	0	-	-	-	-
TREE ...	21-9	9	9.5	5.6	7.5	-0.1	11.1	3	1.0	12.13	-	-	160	140	35	17	24	22	0	0	0	7	0	0	0	8	5	6	2.04	121	-	-
CENTRAL																																
ARROCHMORE ...	9 9	30	8.8	2.6	5.7	-	11.8	16	-2.0	13	-	-	156	-	25	26	19	16	-	0	-	-	2	6	20	-	-	1	1.54	-	-	-
CALLANDER ...	9 9	107	7.7	1.5	4.6	-	10.9	16	-3.0	14	-	-	184	137	28	27	20	15	1	0	0	0	0	1	10	25	-	1	-	-	-	-
EARLS HILL ...	21-9	335	6.1	1.6	3.9	-	8.8	27	-2.4	23	-	-	144	-	35	27	20	17	3	-	-	0	1	1	2	6	15	14	2	2.05	-	-
FALKIRK (SEWAGE WORKS)	9 9	3	8.6	1.8	5.2	-	11.2	21.27	-3.5	14	-	-	76	-	20	27	19	11	0	0	0	1	0	3	9	-	0	2.02	-	-	-	-
GRANGEMOUTH																																
B.P. REFINERY ...	9 9	2	9.0	2.4	5.7	-	11.9	24	-3.0	14	-	-	73	-	17	27	18	12	-	-	-	-	7	-	-	-	-	-	-	-	-	-
PARKHEAD ...	9 9	107	8.3	1.4	4.9	-	11.5	16	-4.5	14	5.6	-	109	-	28	27	18	12	-	0	-	-	3	11	-	-	-	-	-	-	-	-
STIRLING (BATTERFLATS)	9 9	38	8.2	1.1	4.7	-	12.0	16	-5.0	14	6.8	8.8	127	-	39	27	16	13	1	0	0	0	1	13	23	-	0	2.25	-	-	-	-
DUMFRIES & GALLOWAY																																
BARRGANNAN ...	9 9</																															

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		PRECIP- ITATION		SNOW OR SLEET	SNOW LYING AT 09H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 09H	AIR FROST	WIND CHILL DEGREES C	WIND CHILL DEGREES F	ORLE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE	
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE					AMOUNT (MM)	DATE	0-2 MM OR MORE	1-0 MM OR MORE														
2 ENGLAND E & NE -CONTINUED																																
DURHAM	9 9	102	8.0	1.5	4.7	-1.1	10.5	24	-3.5	14	6.5	9.1	23	32	7	15	11	5	-	-	-	-	-	-	6	11	19	-	-	2.04	102	5
HOUGHALL	9 9	377	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WIDDYBANK FELL	9 9	513	5.7	0.6	3.1	-	7.7	1.18	-4.0	14	5.2	-	100	-	14	26	20	14	-	3	-	-	-	1	13	21	-	-	2.09	-	-	
CLEVELAND																																
HARTBURN GRANGE	9 9	31	8.3	1.1	4.7	-	11.1	24	-4.6	14	-	-	16	26	5	15	9	6	0	0	0	0	0	5	13	20	-	-	1.90	-	-	
HARTLEPOOL	9 9	9	8.6	3.3	5.9	-1.0	11.5	24	-0.9	14	-	-	23	33	6	15	13	6	0	0	0	0	0	5	13	20	-	-	2.21	-	-	
NORTH YORKSHIRE																																
ASKHAM BRYAN	9 9	34	8.3	0.8	4.5	-	11.5	1	-3.1	14	-	-	29	45	7	15	14	9	0	0	0	0	0	6	14	21	-	-	2.03	119	-	
CAMODD	9 9	6	8.3	2.0	5.1	-	11.0	1.5	-2.0	14	7.5	9.4	34	55	7	27	13	10	0	0	0	0	0	3	7	18	-	-	2.30	-	-	
HIGH MOWTHORPE	9 9	175	7.2	2.4	4.8	-	10.0	5	-0.7	11	6.6	-	40	47	9	6	15	10	0	0	0	0	0	4	6	18	-	-	1.94	-	-	
LEEMING	21-9	32	8.0	2.0	5.0	-	11.5	24	-4.3	14	6.2	9.4	29	45	9	29	12	8	1	0	0	0	0	8	8	17	10	-	1.68	-	-	
MALHAM TARN	9 9	395	6.3	0.8	3.5	-0.6	9.3	18	-6.8	21	6.5	-	121	81	16	29	21	14	3	2	1	0	0	5	9	12	22	-	-	-	-	
PICKERING	9 9	44	7.7	1.2	4.5	-	10.8	25	-2.0	11.14	-	-	38	51	5	6	18	10	0	0	0	0	0	3	5	12	-	-	-	-	-	
SCARBOROUGH	9 9	53	8.7	3.5	6.1	-	11.4	24	0.4	12.13	6.6	9.4	34	47	9	6	13	9	0	0	0	0	0	3	5	12	-	-	2.13	124	-	
SILPHO MOOR	9 9	203	7.7	2.2	4.9	-	10.0	24	-1.2	10	5.9	-	49	48	10	6	17	11	3	0	0	0	0	3	5	12	-	-	2.17	-	-	
SNATZELHOLME	9 9	290	6.9	1.5	4.2	-	8.8	26	-4.8	14	6.3	-	127	-	22	26	19	17	2	1	0	0	0	1	7	15	-	-	1.57	-	-	
WHITBY	9 9	40	8.5	2.8	5.7	-	11.0	1	-0.9	14	-	-	32	-	7	15	14	10	0	0	0	0	1	1	6	15	-	-	2.37	-	-	
WHITBY(COASTGUARD)	21-9	60	8.5	3.4	5.9	-	11.0	1	-1.0	14	-	-	31	-	7	15	13	8	0	0	0	0	1	1	8	5	2	-	-	-	-	
YORK(HESLINGTON)	9 9	20	8.5	2.2	5.3	-	11.5	5	-1.5	14	7.1	9.0	29	47	7	15	17	8	0	0	0	0	0	5	7	8	-	-	2.19	-	-	
HUMBERSIDE																																
BRIDLINGTON	9 9	48	8.3	2.8	5.5	-	10.7	6	-1.5	12	-	-	40	49	9	6	13	10	1	0	0	0	1	4	2	14	-	-	2.00	-	-	
BRIGG	9 9	3	8.6	2.1	5.3	-	11.4	5	-2.1	3	-	-	36	51	9	6	11	8	0	0	0	0	0	7	7	18	-	-	-	-	-	
CLEETHORPES	9 9	7	-	-	-	-	-	-	-	-	-	-	27	42	5	15	11	9	0	0	0	0	0	2	-	-	-	-	2.19	118	-	
HULL	9 9	2	9.1	3.3	6.2	-0.5	11.8	5	0.2	11.14	7.4	10.2	34	50	12	6	13	8	0	0	0	0	0	4	0	14	-	-	2.16	130	-	
KILNSEA	21-9	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LINCOLNSHIRE																																
BINBROOK	21-9	108	7.9	2.6	5.3	-	10.8	6	-1.1	12	-	-	46	62	8	15	13	10	0	0	0	0	0	5	5	15	9	1	2.34	-	-	
CAISTON	9 9	55	8.5	2.2	5.3	-	11.4	6	-2.7	14	-	-	45	-	13	6	16	9	-	-	-	-	-	-	-	-	-	-	-	-	-	
CRANWELL	9 9	62	8.2	2.1	5.1	-1.0	11.6	5	-1.5	11	6.4	8.9	33	54	7	6	14	9	0	0	0	0	0	4	7	15	12	-	2.40	120	-	
KIRTON	9 9	4	8.5	2.0	5.3	-	11.6	6	-2.2	3	7.9	10.4	42	-	12	12	13	11	0	0	0	0	0	6	8	18	-	-	2.03	-	-	
LINCOLN	9 9	7	8.6	1.9	5.3	-0.8	11.6	5	-3.8	14	8.2	9.6	36	-	10	6	10	7	0	0	0	0	0	6	10	17	-	-	2.00	-	-	
SKEGNESS	9 9	5	9.0	4.0	6.5	-0.2	11.6	5	-1.0	3	-	-	48	78	17	12	15	10	0	0	0	0	0	2	2	6	-	-	2.07	102	-	
WADDINGTON	21-9	68	8.0	2.9	5.5	-0.7	11.5	5	-0.6	11	-	-	35	55	11	6	13	8	0	0	0	0	0	6	2	12	9	0	2.39	122	-	
3 EAST ANGLIA																																
NORFOLK																																
COLTISHALL	21-9	17	9.8	3.9	6.9	-	12.4	5	-2.9	4	-	-	55	82	13	30	19	13	0	0	0	1	0	3	3	11	3	0	-	-	-	-
COSTESSEY	9 9	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CROMER	9 9	54	9.7	4.6	7.1	+0.1	12.5	5	-0.2	11	-	-	60	90	8	12.30	20	14	0	-	2	0	0	0	1	3	-	-	2.47	120	-	
EAST DEREHAM	9 9	53	9.6	3.0	6.3	-	12.7	7	-1.3	3.4	-	-	62	-	11	30	18	13	0	0	0	0	0	6	3	-	-	-	-	-	-	
GARLETON	21-9	4	10.1	4.8	7.5	0.0	12.5	7	-0.2	4	8.8	11.2	63	93	17	30	18	13	0	0	0	0	0	2	2	-	-	-	2.16	107	-	
MARHAM	21-9	23	8.9	3.4	6.1	-	12.4	5	-3.4	4	-	-	71	-	25	12	17	13	0	0	0	0	0	4	3	7	6	-	2.18	-	-	
MORLEY ST BOTOLPH	9 9	48	9.0	3.2	6.1	-	11.6	5	-1.4	4	7.4	-	55	-	13	30	22	12	0	0	0	0	0	6	4	12	-	-	2.08	-	-	
SANTON DOWNHAM	9 9	24	9.0	1.6	5.3	-	12.5	5	-5.2	4	7.6	9.3	79	120	22	12	19	13	0	0	0	0	0	3	6	21	-	-	2.14	-	-	
SCOLE	9 9	27	9.1	3.1	6.1	-	12.5	5	-3.6	4	6.9	9.1	55	-	18	30	19	11	0	0	0	0	0	5	5	9	-	-	2.01	-	-	
TERRINGTON ST CLEMENT	9 9	3	9.1	2.8	5.9	-0.4	11.9	6	-2.0	4	7.4	-	68	117	24	12	17	15	0	0	0	0	0	6	4	10	-	-	2.07	103	-	
CAMBRIDGESHIRE																																
BOXNORTH	9 9	44	8.8	3.2	6.0	-	12.2	5	-0.6	3	-	-	69	130	20	12	16	12	0	0	0	0	0	4	3	8	-	-	2.25	-	-	
CAMBRIDGE																																
BOTANIC GARDEN	9 9	12	9.4	3.2	6.3	-0.2	12.6	5	-2.5	3	7.6	10.1	78	153	22	12	17	11	0	0	0	0	0	3	5	13	-	-	-	-	-	
NATIONAL INSTITUTE OF AGRICULTURAL BOTANY	9 9	26	9.3	3.4	6.3	-	12.5	5	-1.0	3	-	-	76	150	23	12	17	11	0	0	0	0	0	2	2	10	-	-	2.40	120	-	
MARCH	9 9	2	9.2	3.1	6.1	-	13.0	5	-1.5	3	-	-	57	103	17	12																

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

NOVEMBER 1976

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	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	BELOW 0 DEG C	CONCRETE BELOW 0 DEG C	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE		
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE					AMOUNT (MM)	DATE																	0.2 MM OR MORE	1.0 MM OR MORE
4 MIDLAND COUNTIES																																		
WEST YORKSHIRE																																		
BRADFORD ...	9 9	134	8.2	2.3	5.3	-0.6	10.6	8	-2.1	14	6.6	9.5	43	48	7	27	14	12	2	0	1	0	0	6	5	16	0	0	0	2.09	148	-	-	
BRAMHAM ...	9 9	54	8.5	1.9	5.2	-	11.1	1	-2.4	14	-	-	29	42	5	15	15	8	0	0	0	0	0	4	5	20	0	0	0	0	0	-	-	
HUDDESFIELD																																		
OAKES ...	21-9	232	7.9	2.9	5.4	-0.3	11.5	7	-0.6	23	6.1	8.0	54	52	13	27	20	11	0	0	1	0	1	3	2	17	17	5	0	0	2.76	170	-	
RAVENSKNOLLE	9 9	99	9.0	2.5	5.7	-0.4	12.1	8	-2.8	14	6.6	9.2	42	49	10	27	13	11	0	0	0	0	1	1	6	19	0	0	0	2.42	182	-		
ILKLEY ...	9 9	83	8.5	2.2	5.3	-0.6	10.5	1.8.26	-2.0	23	-	-	56	60	13	29	14	13	0	0	0	1	0	5	7	5	0	0	0	2.05	124	-		
TODMORDEN	9 9	160	8.1	2.3	5.2	-	9.9	16	-4.5	14	-	-	85	16	27	16	14	1	0	1	0	0	0	1	7	3	0	0	0	0	-	-		
PONTEFRAC	9 9	78	8.4	2.8	5.6	-0.7	10.9	1	-1.4	11	-	-	20	32	3	14	14	8	0	0	0	0	0	7	3	0	0	0	0	0	0	-	-	
WILSON ...	9 9	262	7.6	2.0	4.8	-	9.8	8	-1.5	14	-	-	60	-	11	27	16	12	1	0	0	0	0	2	4	20	16	0	0	0	0	-	-	
SOUTH YORKSHIRE																																		
FINNINGLEY	21-9	10	8.6	2.3	5.5	-	11.9	1	-2.8	3	-	-	25	41	9	15	9	8	0	0	0	0	0	5	7	16	15	0	0	0	2.29	-	-	
SHEFFIELD	9 9	131	8.6	3.2	5.9	-0.7	10.7	5	-1.0	14	7.1	9.9	32	37	9	27	15	9	0	0	0	0	0	-	1	-	-	-	-	1.96	135	S		
DERBYSHIRE																																		
ASHOVER ...	9 9	178	8.2	2.9	5.5	-	10.2	5	-1.6	14	-	-	47	-	9	27	15	11	0	0	0	0	0	3	5	12	0	0	0	0	2.23	-	-	
SUXTON ...	9 9	307	6.9	2.2	4.5	-0.5	9.3	27	-3.8	14	5.7	7.2	72	56	14	15	19	13	2	0	0	0	0	5	8	16	0	0	0	0	0	-	-	
DERBY ...	9 9	48	9.1	2.5	5.8	-	11.5	5	-2.3	14	-	-	35	55	7	15	14	8	0	0	0	0	0	3	7	15	0	0	0	0	2.19	-	-	
MORLEY ...	9 9	107	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
WINGERWORTH	9 9	126	8.6	1.7	5.1	-	10.6	27	-4.5	14	7.0	-	42	-	9	27	18	12	0	0	0	0	0	6	10	23	0	0	0	0	2.34	-	-	
NOTTINGHAMSHIRE																																		
MANSFIELD	9 9	114	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
NEWTORPE	9 9	58	(8.9)	(1.1)	(5.0)	-	10.8	5.27	-4.5	23	-	-	39	-	9	27	15	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NOTTINGHAM	9 9	59	9.1	(2.9)	(6.0)	-0.7	12.0	7.8	-1.0	3.11.15	6.6	9.3	34	58	7	27	13	9	0	0	0	0	0	6	3	17	0	0	0	0	1.98	131	-	
SUTTON BONINGTON	9 9	48	8.9	2.2	5.5	-0.7	11.4	1	-3.6	14	7.6	9.5	37	61	9	27	15	10	0	0	0	0	0	4	11	17	13	0	0	0	2.35	138	-	
WARSOP	9 9	46	8.9	2.1	5.5	-	10.8	5	-3.1	14	-	-	31	46	6	15	13	8	0	0	0	0	0	7	10	19	0	0	0	0	2.56	-	-	
WATNALL	21-9	117	8.6	2.9	5.7	-0.6	11.4	8	-2.0	14	-	-	41	58	9	27	15	7	0	0	0	0	0	3	5	16	11	0	0	0	2.38	146	-	
STAFFORDSHIRE																																		
KEELE ...	9 9	179	8.0	2.3	5.1	-	10.5	5	-2.2	3	6.5	9.2	45	58	12	15	15	10	1	0	0	0	0	5	4	17	13	0	0	0	2.01	-	-	
OAKEN ...	9 9	125	8.6	2.4	5.5	-0.4	11.5	5	-4.9	14	7.6	-	46	66	10	28	14	11	0	0	0	0	0	4	4	10	0	0	0	0	0	-	-	
PENKIRIDGE	9 9	101	(8.5)	(1.5)	(5.0)	-	11.1	1	-4.5	14	-	-	42	63	8	15	16	11	0	0	0	0	0	3	7	16	0	0	0	0	1.82	-	-	
STONE ...	9 9	107	8.3	1.8	5.1	-	11.0	1.5	-4.7	14	-	-	44	62	10	15	14	10	1	0	0	0	0	5	6	17	0	0	0	0	0	-	-	
LEICESTERSHIRE																																		
CALDECOTT	9 9	52	9.0	1.7	5.3	-	11.5	5.6	-6.7	11	-	-	37	65	6	15	14	9	0	0	0	0	0	4	11	20	0	0	0	0	2.28	-	-	
NEWTOWN LINCOLN	9 9	119	8.4	1.8	5.1	-	11.1	5	-3.5	14	-	-	39	58	8	27	14	8	0	0	0	0	0	3	9	16	0	0	0	0	2.33	-	-	
SALOP																																		
NEWPORT ...	9 9	64	9.0	1.9	5.5	-0.4	12.0	5	-2.8	13	-	-	41	65	9	27	14	10	0	0	0	0	0	6	9	21	0	0	0	0	2.25	142	S	
OSWESTRY ...	9 9	174	8.6	3.4	6.0	-0.3	11.0	1.27	-0.3	3	-	-	61	66	9	27	18	11	0	0	0	2	0	2	1	19	0	0	0	0	2.29	122	-	
SHAWBURY ...	21-9	72	9.1	2.2	5.7	-0.6	12.4	1	-4.9	13	-	-	42	64	7	27	16	11	0	0	0	0	0	7	10	19	12	0	0	0	2.25	131	-	
SHREWSBURY	9 9	56	9.3	2.8	6.1	-0.4	12.5	5	-4.0	14	6.6	9.8	41	68	6	28	13	11	0	0	0	0	0	3	6	17	0	0	0	0	2.35	134	-	
WEST MIDLANDS																																		
BIRMINGHAM																																		
EDGBASTON	21-9	163	8.4	3.9	6.1	-0.4	10.9	5.27	-0.2	14	8.1	10.6	41	51	8	15	14	9	0	0	0	0	0	4	1	10	7	0	0	0	2.25	140	-	
ELMOON AIRPORT	21-9	96	8.8	2.5	5.7	-0.6	11.6	27	-4.5	14	-	-	37	-	6	15	15	9	0	0	0	0	0	5	9	15	13	1	0	0	2.51	149	-	
KING EDWARD SCHOOL	9 9	137	8.7	3.1	5.9	-	11.5	7	-2.5	14	-	-	43	59	8	27	15	11	0	0	0	0	0	4	2	-	-	0	0	0	0	-	-	
COVENTRY AIRPORT	9 9	81	8.7	1.5	5.1	-	11.1	27	-5.1	14	8.0	9.5	44	-	7	27	15	10	0	0	1	0	0	4	11	-	-	0	0	0	2.34	-	-	
WARW																																		

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

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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		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 (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	DEW OR FINE BELON 0 DEG C	CONCRETE FINE BELON 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 4 CENTRAL S. GREATER LONDON																																
BROMLEY ...	9 9	65	9.7	3.9	6.8	-0.3	13.5	5	-1.0	23			120	179	26	11	17	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ENFIELD ...	9 9	17	(10.1)	(4.5)	(7.3)	-	13.3	5	1.2	3	(8.4)	(11.5)	93	22	30	17	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
GREENWICH ...	9 9	7	10.0	4.2	7.1	-	13.4	5	-0.5	4	-	-	87	145	18	11	18	12	0	0	0	0	0	0	0	0	0	0	0	0	0	
HAMPSTEAD ...	9 9	137	8.8	4.0	6.4	-0.1	12.2	5	-1.2	23	-	-	87	126	23	30	17	13	0	0	0	0	0	0	0	0	0	0	0	0	0	
HAMPTON ...	9 9	12	9.8	3.9	6.9	-0.4	13.1	5	-0.4	11.14	-	-	85	133	16	30	19	13	0	0	0	0	0	0	0	0	0	0	0	0	0	
HARRON WEALD ...	9 9	98	(9.3)	2.4	5.9	-	12.5	5	-2.6	3	8.4	11.2	97	-	27	30	19	14	0	0	0	0	0	0	0	0	0	0	0	0	0	
HEATHROW AIRPORT ...	21-9	25	9.9	4.0	6.9	-0.3	13.0	5.6	-1.5	4	-	-	82	130	19	30	17	13	1	0	0	0	0	0	0	0	0	0	0	0	0	
KENSINGTON PALACE ...	9 9	25	9.9	4.6	7.3	-0.2	13.1	5	0.1	4	8.7	11.2	83	130	21	30	17	12	0	0	0	0	0	0	0	0	0	0	0	0	0	
KEN	21-9	6																														
PSYCHROMETER ...	9 9		9.9	3.6	6.7	-	12.9	6	-3.2	4	8.6	10.6	82	132	18	30	17	12	1	0	0	0	0	0	0	0	0	0	0	0	0	
NORTH WALL SCREEN ...	9 9		9.8	4.7	7.3	-0.2	12.7	6	-1.1	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
LONDON																																
WEATHER CENTRE (X) ...	21-9	77	10.3	6.3	8.3	-	14.4	5	2.4	24	-	-	75	-	19	30	17	10	0	0	0	0	0	0	0	0	0	0	0	0	0	
ST JAMES PARK ...	9 9	4	10.0	4.9	7.5	-0.2	13.0	5	0.5	4	-	-	83	138	19	30	17	12	0	0	0	0	0	0	0	0	0	0	0	0	0	
SOUTHGATE ...	9 9	67	9.7	3.8	6.7	-0.3	12.5	1.5	-0.6	3	8.4	-	91	137	25	30	15	13	0	0	0	0	0	0	0	0	0	0	0	0	0	
WADDON ...	9 9	59	(10.0)	(4.0)	(7.0)	(-0.1)	13.0	5	(-0.5)	23.24	-	-	103	143	17	11	18	14	-	-	-	-	-	-	-	-	-	-	-	-	-	
WEALSTONE ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WILTSHIRE																																
BOSCOMBE DOWN ...	21-9	126	9.0	2.8	5.9	-0.8	12.1	5	-3.1	14	-	-	103	126	22	30	16	15	0	0	0	0	0	0	0	0	0	0	0	0	0	
LACOCK ...	9 9	49	9.3	2.3	5.8	-	12.3	5.27	-4.4	14	-	-	69	91	19	30	17	14	-	-	-	-	-	-	-	-	-	-	-	-	-	
LARKHILL ...	9 9	132	9.2	2.6	5.9	-0.5	12.4	5	-3.8	14	-	-	90	109	22	30	17	15	0	0	0	0	0	0	0	0	0	0	0	0	0	
LYNEHAM ...	21-9	145	8.7	3.5	6.1	-0.4	11.7	5	-1.5	3.14	-	-	68	91	16	30	19	14	0	0	0	0	0	0	0	0	0	0	0	0	0	
PORTON ...	9 9	110	9.1	2.2	5.7	-0.6	11.8	5	-4.7	14	7.5	-	101	117	17	30	17	15	-	-	-	-	-	-	-	-	-	-	-	-	-	
UPAVON ...	21-9	179	8.6	3.3	5.9	-	12.1	5	-0.8	23	-	-	87	105	23	30	18	14	0	0	0	0	0	0	0	0	0	0	0	0	0	
BERKSHIRE																																
EASTHAMPTON ...	9 9	77	9.3	1.9	5.6	-	12.9	5	-4.1	23	7.5	9.3	87	-	19	30	16	13	1	0	0	0	0	0	0	0	0	0	0	0	0	
HURLEY ...	9 9	43	9.2	2.1	5.7	-	12.4	5	-3.2	4	7.5	-	86	120	28	30	18	14	0	0	0	0	0	0	0	0	0	0	0	0	0	
LAMBOURN (WARREN FARM) ...	9 9	192	8.2	2.9	5.5	-	10.9	5	-1.0	14	7.5	-	73	-	21	30	17	12	-	-	-	-	-	-	-	-	-	-	-	-	-	
READING ...	9 9	66	9.3	2.8	6.1	-	12.3	5	-1.7	14	8.5	-	10.5	89	-	25	30	16	14	0	0	0	0	0	0	0	0	0	0	0	0	
SHINFIELD (N.I.R.D.) ...	9 9	62	9.3	2.8	6.1	-	12.8	5	-2.5	14	-	-	94	-	25	30	16	15	1	0	0	0	0	0	0	0	0	0	0	0	0	
SURREY																																
MERRIST WOOD ...	9 9	46	9.5	(2.8)	(6.1)	-	13.1	5	-2.2	14	8.0	-	99	-	15	30	17	17	0	0	0	0	0	0	0	0	0	0	0	0	0	
NICKLEHAM ...	9 9	55	9.0	1.4	5.2	-1.1	12.6	5	-3.7	23	7.6	10.2	116	140	21	29	18	16	0	0	0	0	0	0	0	0	0	0	0	0	0	
WISLEY ...	9 9	35	9.8	2.7	6.3	-0.5	13.8	5	-2.6	11	7.3	9.9	99	141	16	30	18	16	0	0	0	0	0	0	0	0	0	0	0	0	0	
KENT																																
DOVER ...	9 9	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DOVER R.M.S. ...	9 9	123	9.4	4.7	7.1	-	12.4	5	0.0	24	-	-	246	215	43	11	24	16	0	0	0	0	0	0	0	0	0	0	0	0	0	
DUNGENESS ...	9 9	3	10.6	5.6	8.1	-	13.9	5	-0.7	11.24	-	-	169	192	49	11	18	16	0	0	0	0	0	0	0	0	0	0	0	0	0	
EAST MALLING ...	9 9	32	9.8	3.7	6.7	0.0	13.1	5	-2.4	4	8.1	10.1	115	153	27	29	17	13	0	0	0	0	0	0	0	0	0	0	0	0	0	
ELMSTONE ...	9 9	5	10.5	3.6	7.1	-	13.7	5	-2.2	4	-	-	142	166	27	8	18	15	0	0	0	0	0	0	0	0	0	0	0	0	0	
FAVERSHAM ...	9 9	48	9.8	4.7	7.3	-	13.4	5	-0.3	23.24	8.0	10.5	126	157	18	8	18	15	0	0	0	0	0	0	0	0	0	0	0	0	0	
FOLKESTONE ...	9 9	31	10.1	4.3	7.2	-	13.0	1.5	-1.8	4	-	-	10.9	185	195	39	11	17	14	0	0	0	0	0	0	0	0	0	0	0	0	
GILLINGHAM ...	9 9	4	9.8	4.7	7.3	-	13.4	5	-1.0	4	-	-	97	144	21	29	17	13	-	-	-	-	-	-	-	-	-	-	-	-	-	
GOUDHURST ...	9 9	85	9.0	3.2	6.1	-0.2	11.7	1	-1.7	24	-	-	156	158	26	7	16	14	0	0	0	0	0	0	0	0	0	0	0	0	0	
HADLOW COLLEGE ...	9 9	30	9.7	2.7	6.2	-	12.6	5	-3.5	4	8.9	11.3	119	-	26	29	18	14	0	0	0	0	0	0	0	0	0	0	0	0	0	
HERNE BAY ...	9 9	31	10.0	4.6	7.3	-	13.0	5	0.0	23.24	8.7	106	-	15	30	19	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
MANSTON ...	21-9	44	10.0	5.1	7.5	-	13.0	5	-0.5	24	-	-	140	173	26	8	19	15	0	0	0	0	0	0	0	0	0	0	0	0	0	
MARGATE ...	9 9	16	10.4	6.3	8.3	+0.1	1																									

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		50 CM DEGREES C	100 CM DEGREES C		TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE AMOUNT	MOST IN A DAY	PRECIP- ITATION	0-2 MM OR MORE	2-5 MM OR MORE	5-9 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	WIND CHILL DEGREES C	WIND CHILL DEGREES F	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE	
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE																								
7A ENGLAND NW & I.O.M.																																		
CUMBRIA																																		
CARLISLE ...	21-9	26	8.7	3.5	6.1	-	11.4	26.27	-3.6	13	7.5	9.4	75	91	11	28	17	12	1	0	4	0	0	0	0	1	6	13	9	0	2.22	-	-	
CARTMEL ...	9 9	34	(8.9)	2.0	(5.5)	-	11.3	18	-4.3	13	-	-	129	91	18	29	20	17	1	1	3	0	0	0	0	2	6	13	9	0	-	-	-	
GRIZEDALE ...	9 9	91	-	0.4	-	-	-	-	-4.4	13.23	-	-	183	94	27	26	20	20	2	1	3	0	0	0	0	2	6	13	9	0	-	-	-	
HEVERSHAM ...	9 9	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
MOOR HOUSE ...	9 9	556	4.7	-0.1	2.3	-	7.1	18	-5.1	13	4.7	-	165	76	28	29	20	16	5	4	1	1	0	0	4	14	23	5	1.92	-	-	-		
NEWTON RIGG ...	9 9	171	8.0	2.0	5.0	-0.5	10.6	18	-4.5	14	6.7	-	86	87	15	1	19	16	1	0	1	0	0	1	1	9	20	0	1.66	95	5	-		
SELLAFIELD ...	9 9	13	9.5	4.8	7.1	-	11.8	4	0.9	12.17.30	-	-	122	109	22	15	22	19	-	-	-	-	-	-	2	0	4	-	-	2.53	-	-	-	
LANCASHIRE																																		
BAILRIGG ...	9 9	53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
HELMSHORE ...	9 9	260	7.2	2.6	4.9	-	9.9	18	-0.6	14	7.1	-	105	70	18	27	20	14	0	0	1	0	0	0	7	5	13	-	-	1.42	-	-	-	
KIRKHAM ...	9 9	24	9.0	3.1	6.1	-	11.3	6	-3.2	13	-	-	102	111	15	27	17	13	0	0	0	2	0	0	0	4	13	-	-	1.97	-	-	-	
MORECAMBE ...	9 9	7	9.0	3.8	6.4	-0.5	11.4	18	-0.9	13	-	-	99	103	14	27	18	15	0	0	2	0	0	0	0	3	-	-	-	2.10	112	-	-	
NELSON ...	9 9	165	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
PRESTON ...	9 9	33	9.1	3.6	6.3	-	11.4	5	-2.5	13	-	-	79	80	10	27	17	16	1	0	2	1	1	2	5	9	-	-	-	-	-	-		
SLATTOURN ...	9 9	192	7.5	2.0	4.7	-	9.6	18	-3.3	10	-	-	130	84	22	27	19	16	2	0	3	0	0	2	7	19	-	-	1.62	-	-	-		
SQUIRES GATE AIRPORT	21-9	10	9.4	4.4	6.9	-0.1	11.5	5	-3.6	13	-	-	98	114	13	1	18	16	0	0	3	0	0	0	1	3	8	7	0	2.01	105	-	-	
STONTHURST ...	9 9	115	(7.9)	(2.4)	(5.1)	-1.0	10.1	5	-2.2	13	-	-	99	85	15	29	17	15	-	-	-	-	-	-	2	51	171	-	-	(1.67)	(99)	-	-	
MERSEYSIDE																																		
RIGBURN ...	9 9	12	9.4	4.3	6.9	-	11.6	26	-0.9	14	-	-	43	-	11	15	18	12	0	0	1	0	0	0	5	2	-	-	-	-	-	-	-	
ST HELENS ...	9 9	76	8.6	3.1	5.9	-	10.9	24	-2.6	13	6.6	-	62	-	11	27	18	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SOUTHPORT ...	9 9	5	9.2	3.1	6.1	-0.6	11.4	5	-3.5	13	7.1	10.6	97	114	14	29	17	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SPEKE AIRPORT ...	21-9	22	9.0	3.9	6.5	-0.8	11.5	1.26	-2.2	13	-	-	47	-	13	15	19	15	2	0	2	0	0	4	5	11	8	0	2.24	133	-	-	-	
WEST KIRBY PARK ...	9 9	8	10.3	4.3	7.3	+0.2	13.1	5	-1.3	14	-	-	53	68	11	15	22	14	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	
GREATER MANCHESTER																																		
BOLTON ...	9 9	107	8.2	2.4	5.3	-	10.5	5	-3.2	14.15	7.8	9.3	67	-	12	15	17	12	0	0	1	0	0	5	7	15	-	-	1.61	118	-	-	-	
MANCHESTER ...	9 9	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
RINGWAY AIRPORT	21-9	75	8.5	3.9	6.2	-0.3	11.7	18	-3.2	13	-	-	44	56	11	15	15	10	0	0	0	0	0	3	4	9	9	0	2.28	139	-	-	-	
WEATHER CENTRE (X)	21-9	69	9.3	5.0	7.1	-	11.7	18	-0.7	14	-	-	50	-	11	15	13	10	-	-	-	-	-	2	2	-	-	-	-	1.77	-	-	-	
CHESHIRE																																		
KNUTSFORD ...	9 9	65	8.7	2.5	5.6	-	11.4	5	-3.5	14	7.8	9.4	54	66	12	15	13	11	0	0	0	0	0	3	8	17	-	-	-	-	-	-	-	
MALLESFELD ...	9 9	152	7.9	3.1	5.5	-0.4	10.1	27	-1.3	23	-	-	54	61	11	15	15	11	0	0	0	0	0	1	6	-	-	-	-	-	-	-	-	
NESS GARDENS ...	9 9	55	9.4	3.5	6.5	-	12.3	27	-1.6	14	7.3	-	38	51	13	15	17	9	0	0	1	0	0	1	1	15	-	-	-	2.63	-	-	-	
WINNINGTON ...	9 9	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
ISLE OF MAN																																		
DOUGLAS ...	9 9	87	9.6	5.3	7.5	0.0	11.0	7.28	0.9	30	-	-	191	159	49	8	17	16	0	0	5	0	3	0	0	7	-	-	3	2.69	127	-	-	
POINT OF AYRE ...	21-9	9	10.1	6.0	8.1	-0.2	11.7	27	0.3	30	-	-	114	126	27	5	16	13	0	0	0	0	2	0	0	0	-	-	4	2.43	125	-	-	
RONALDSWAY AIRPORT	21-9	16	10.2	5.8	8.0	0.0	12.6	7	0.2	13	-	-	141	153	35	5	17	16	0	0	0	0	5	2	0	0	8	5	2	2.58	124	-	-	-
7B WALES N																																		
GWYNEDD																																		
ABER ...	9 9	18	10.7	5.6	8.1	-	13.0	15.18.27	1.4	12	-	-	93	-	15	28	21	15	0	0	0	3	0	0	0	0	3	-	-	2	1.20	-	-	-
BALA ...	9 9	163	9.0	2.4	5.7	-	11.8	27	-4.8	14	7.0	8.8	84	61	20	27	21	17	0	0	0	1	0	0	4	9	11	13	0	1.63	-	-	-	
BARDSEY ISLAND ...	21-9	16	10.7	7.8	9.3	-	12.9	18	4.3	12	-	-	82	80	15	15	18	16	0	0	0	1	0	0	0	2	0							
BOTANNOG ...	9 9	34	10.3	4.6	7.5	-	12.5	27	1.0	10.12	8.7	10.8	111	87	17	15	16	14	0	0	0	0	1	0	0	8	-	-	2	2.55	-	-	-	
CHWYSTROLLYN ...	9 9	204	8.7	4.3	6.5	-	10.5	18.25	1.0	13.30	-	-	184	-	29	15	23	16	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	
LLYN ALAW ...	9 9	44	10.0	4.7	7.3	-	11.5	27	1.0	14	-	-	140	-	20	8	22	17	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	
PEN-Y-FFRIDD ...	9 9	84	9.6	4.7	7.1	-	11.8	8	1.0	12	-	-	118	98	18	28	21	18	0	0	0	1	0	0	0	15	-	-	1	1.75	-	-	-	
TRAFSGFYNOD ...	9 9	193	8.9	3.3	6.1	-	11.4	27	-0.8	3	-	-	121	72	21	27	22	18	-	-	-	-	-	-	0	2	14	10	-	-	-	-	-	
VALLEY ...	21-9	10	10.5	6.4	8.5	+0.2	12.0	18	1.5	12	-	-	94	97	16	15	17	15	0	0	3	0	0	0	0	6	3	3	2.37	115	-	-	-	
CLWYD																																		
ALMEN ...	9 9	335	7.3	0.9	4.1	-	10.4	27	-5.3	14	-	-	67	67	16	27	22	17	-	-	-	-	-	-	-	11	20	-	-	-	-	-	-	
BWLCHWYN ...	9 9	386	7.0	2.5	4.7	-	10.0	27	0.0	14.23.30	6.0	-	665	540	120	14	23	19	1	0	0	0	0	2	0	10	-	-	-	-	-	-	-	
COLWYN BAY ...	9 9	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CORMEN ...	9 9	144	9.2	2.3	5.7	-	12.2	28	-5.2	14	-	-	69	61	22	27	23	14	0	0	0	0	0	-	9	15	-	-	-	-	-	-	-	
HARRODEN BRIDGE ...	9 9	5	9.8	3.5	6.7	-0.4	12.3	27.28	-2.2	14	-	-	42	54	14	15	18	12	0	0	0	0	0	6	5	-	-	-	-	-	-	-	-	
LOGGHEHEADS ...	9 9	210	8.5	1.9	5.2	-	11.1	27	-4.1	13.14	7.1	8.6	60	63	13	15	20	15	1	0	0	1	0	2	8	13	-	-	2.30	-	-	-	-	
RUTHIN ...	9 9	76	9.7	3.0	6.3	-	12.2	18	-2.7	14	-	-	43	51	7	14.27	19	15	1	0	0	0	0	0	6	-	-	-	2.55	-	-	-	-	
PONYS(NORTH)																																		
CEINWS ...	9 9	61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LAKE VYRNWY ...	9 9	303	7.5	2.3	4.9	-0.4	10.6	27	-2.8	14	5.9	6.8	115	68	21	27	21	15	0	0	5	0	1	5	7	15	-	-	2	-	-	-	-	
MOEL CYNNEDD ...	9 9	358	7.6	1.5	4.5	-	10.3	27	-4.7	14	6.8	-	159	-	29	27	19	16	0	0	0	2	3	3	10	191	-	-	0	-	-	-	-	
8A WALES S																																		
DYFED																																		
ABERPORTH ...	21-9	134	9.5	5.5	7.5	-0.4	11.6	27	2.0	14	-	-	81	71	11																			

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DISTRICT REGION/COUNTY AND PLACE	MAX. THERMAL HEIGHT MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C								MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL H 09 GMT)		WEATHER (NUMBER OF DAYS)										BRIGHT SUNSHINE					
			MEANS OF		DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY		PRECIPITATION 0.2 MM OR MORE OF HOUR 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	PAVE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE					AMOUNT (MM)	DATE														
NORTHERN IRELAND																														
LONDONDERRY																														
AGHANLOO	9 9	18	9.1	3.2	6.1	-	11.5	27	-4.0	12	-	-	52	13	17	13	12	-	-	-	-	-	-	4	6	10	19	-	-	-
BANAGHER(CAUGH HILL) ...	9 9	216	8.1	2.0	5.1	-	10.5	26	-5.0	13	-	-	81	16	27	22	16	-	-	-	-	-	-	4	6	10	19	-	-	-
CARMONEY	9 9	73	8.9	2.8	5.9	-	11.0	6	-4.5	12	-	-	71	11	1	22	12	-	-	-	-	-	-	4	6	10	12	-	-	-
COLERAINE UNIVERSITY ...	9 9	23	8.9	2.7	5.8	-	11.9	27	-3.2	12	6.6	9.1	63	17	17	16	12	-	-	-	-	-	-	4	6	10	15	-	-	-
COOLKEERRAGH	9 9	3	9.7	2.9	6.3	-	12.0	6.7	-2.6	13	-	-	59	10	1	13	11	-	-	-	-	-	-	4	6	10	15	-	-	-
DERRYNOYO FOREST	9 9	88	8.5	1.9	5.2	-	11.5	16	-4.5	13	-	-	88	78	16	21	15	-	-	-	-	-	-	4	6	10	24	-	-	-
GARRYVAH FOREST	9 9	88	8.5	1.9	5.2	-	11.0	26	-3.8	14	6.3	8.9	79	72	17	17	12	-	-	-	-	-	-	4	6	10	18	-	-	-
LOUGHERMORE FOREST ...	9 9	174	8.1	1.4	4.7	-	10.0	26	-6.1	13	-	-	83	75	13	1	20	16	-	-	-	-	-	12	7	20	19	-	-	-
MONEYDIG	9 9	34	9.0	1.7	5.3	-0.8	11.2	16.26	-5.0	12	7.7	-	71	75	16	13	11	-	-	-	-	-	-	4	6	10	15	-	-	-
SOMERSET FOREST	9 9	43	9.6	2.3	5.9	-	11.6	16	-4.1	13	-	-	40	42	14	9	6	-	-	-	-	-	-	-	-	-	-	-	-	-
TRAOD POINT	9 9	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ANTRIM																														
ALDERGROVE AIRPORT ...	21-9	68	8.0	3.0	5.5	-0.9	11.1	6	-3.3	12	7.4	10.1	49	59	15	14	7	-	-	-	-	-	-	5	6	13	10	-	-	-
ALTNAHINCH	9 9	226	7.4	2.3	4.9	-	9.7	6	-1.8	30	-	-	103	69	23	17	22	11	-	-	-	-	-	4	4	19	9	-	-	-
BALLYLUMFORD	9 9	24	9.4	4.7	7.1	-	11.5	6	0.1	30	-	-	66	-	20	14	14	8	-	-	-	-	-	0	0	0	9	-	-	-
BALLYMONEY	9 9	55	8.8	2.4	5.6	-	11.1	7	-3.8	13	-	-	54	61	13	17	24	12	-	-										

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

NOVEMBER 1976

HEIGHT OF BAROMETER ABOVE MSL (METRES)	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT						VISIBILITY						WIND SPEED AND DIRECTION																									
		AT MSL (MB)	DIFFERENCE FROM 1941-70 AVERAGE	DRY BULB DEGREES C	DEPRESSION OF WET BULB DEGREES C	VAPOUR PRESSURE (MB)	RELATIVE HUMIDITY (%)	OKTAS						0 - 39M	40 - 190M	200 - 390M	400 - 990M	1000 - 1900M	2000 - 3900M	4 - 9KM	10 - 19KM	20 - 39KM	40KM AND OVER	BEAUFORT FORCE								N	NE	E	SE	S	SW	W	NW						
								MEAN	0	1 - 2	3 - 5	6 - 7	8											SKY OBSERVED	SPEED (KT)																				
																									34 OR MORE	22-33	11-21	1-10	0	N	NE									E	SE	S	SW	W	NW
NUMBER OF OBSERVATIONS																																													
0 SCOTLAND N SHEPHERD																																													
LEARNWICK	83	3	1006.2	-	-	-	-	5.8	0	5	6	7	12	0	0	0	0	0	0	0	7	6	15	2	0	8	11	11	0	5	1	1	1	7	7	7	1								
		9	1007.0	-0.8	6.2	-	8.1	5.3	0	3	12	10	5	0	0	0	0	0	1	2	1	8	16	2	1	7	15	7	0	3	3	0	0	0	8	8	1								
		15	1007.3	-	6.5	-	8.2	5.5	0	5	8	10	7	0	0	0	0	0	0	1	5	9	12	3	0	3	19	8	0	1	2	0	0	2	10	5	7	3							
		21	1006.8	-	-	-	-	5.5	1	3	10	7	9	0	0	0	0	0	0	0	7	8	12	3	1	4	17	6	2	1	2	0	0	2	10	5	6	2							
ORKNEY																																													
KIRKWALL	26	3	1006.5	-	6.1	0.6	8.7	91	5.0	1	4	10	10	5	0	0	0	0	0	0	1	4	20	5	1	5	15	8	1	1	1	1	2	9	5	7	2								
		9	1007.7	-0.5	6.2	0.7	8.6	90	5.0	0	9	4	13	4	0	0	0	0	0	2	4	16	8	0	5	13	12	0	3	0	0	1	11	4	9	3									
		15	1007.5	-	7.0	0.9	8.8	87	5.1	0	7	6	15	2	0	0	0	0	0	1	5	14	10	1	2	14	11	2	1	0	1	3	9	5	7	2	1								
		21	1007.1	-	6.1	0.6	8.7	91	5.2	1	7	5	7	10	0	0	0	0	0	4	8	8	10	0	6	15	7	2	1	1	0	3	11	4	7	1									
WESTERN ISLES																																													
BENBECULA	7	3	1007.2	-	6.8	0.9	8.6	87	4.6	0	10	6	9	5	0	0	0	0	0	0	4	17	9	1	1	16	10	2	1	1	1	2	8	7	6	2									
		9	1007.9	-0.6	7.0	1.0	8.7	86	5.6	0	3	8	14	5	0	0	0	0	0	1	6	13	9	1	1	14	12	2	1	0	1	1	13	5	5	2									
		15	1007.0	-	8.2	1.1	9.2	84	5.8	0	2	11	9	8	0	0	0	0	0	1	6	13	10	0	4	15	9	2	2	1	0	3	8	7	7	0	1								
		21	1006.9	-	6.9	0.8	8.8	88	4.5	3	8	5	6	8	0	0	0	0	0	3	3	15	9	1	3	14	11	1	2	0	1	5	6	7	7	1									
STORNOWAY	5	3	1006.5	-	5.8	0.6	8.4	91	4.3	3	6	10	6	5	0	0	0	0	0	2	4	17	6	1	4	9	15	1	1	0	0	0	8	5	9	6									
		9	1007.5	-0.9	6.5	0.9	8.4	86	5.6	0	4	7	16	3	0	0	0	0	0	2	2	17	9	1	3	10	14	2	1	1	1	2	5	13	3	2									
		15	1006.8	-	7.8	1.2	8.9	84	5.9	0	3	4	17	6	0	0	0	0	0	0	9	14	7	1	4	11	13	1	1	0	2	1	10	9	4	2									
		21	1006.4	-	6.2	0.6	8.7	90	4.5	2	7	8	6	7	0	0	0	0	0	5	4	16	5	1	3	9	17	0	2	1	1	3	7	10	5	1									
HIGHLAND																																													
CAPE WRATH	113	3	1005.8	-	6.9	0.9	8.7	87	5.1	1	3	13	4	9	0	0	0	0	0	1	0	6	23	1	7	12	9	1	2	1	2	1	8	9	6	0									
		9	1006.9	-	7.1	1.1	8.5	84	6.0	0	2	11	7	10	0	0	0	0	0	2	0	9	19	1	5	15	9	0	3	2	2	1	11	2	8	1									
		15	1006.7	-	7.5	1.0	9.0	86	6.1	0	3	5	12	10	0	0	0	0	0	1	1	7	21	1	6	10	13	0	3	3	1	2	7	10	3	1									
		21	1006.1	-	6.9	0.8	8.9	88	5.4	0	5	10	4	11	0	0	0	0	0	0	2	11	17	2	5	10	12	1	1	3	2	1	10	9	3	0									
MICK	37	3	1007.3	-	5.6	0.9	8.0	86	4.5	0	10	7	10	3	0	0	0	0	0	2	2	17	9	0	4	14	12	0	0	0	1	1	10	7	8	3									
		9	1008.5	-0.1	5.6	0.9	7.9	86	4.6	0	9	6	15	0	0	0	0	0	0	1	12	16	1	1	13	14	1	1	0	1	0	10	5	9	3										
		15	1008.1	-	7.3	1.3	8.4	82	5.4	0	5	8	15	2	0	0	0	0	0	0	3	13	14	0	2	14	14	0	1	1	0	12	10	3	3										
		21	1007.8	-	5.8	0.9	8.0	86	5.3	0	6	6	11	7	0	0	0	0	0	1	4	13	11	0	2	14	14	0	2	0	0	1	10	7	8	2									
1 SCOTLAND E GRAMPIAN																																													
DYCE	59	3	1009.0	-	3.7	0.8	7.1	87	4.4	3	10	1	10	6	0	0	0	0	0	1	5	4	13	7	0	1	4	18	7	3	1	1	0	8	6	4	0								
		9	1010.1	+0.4	3.9	0.9	7.0	85	5.0	0	6	6	16	2	0	0	0	0	0	1	8	5	4	12	0	0	6	19	5	1	1	1	0	10	3	6	3								
		15	1009.6	-	6.9	1.5	7.8	78	5.1	1	7	5	13	4	0	0	0	0	0	0	5	6	9	10	0	0	6	22	2	1	1	0	0	14	3	4	5								
		21	1009.3	-	4.2	0.7	7.3	88	5.3	3	6	2	9	9	1	0	1	0	0	0	3	7	5	10	4	0	0	9	17	4	2	1	0	1	10	7	2	3							
FRASERBURGH	22	3	1008.6	-	6.2	1.0	8.2	85	4.0	0	13	5	5	7	0	0	0	0	0	0	14	16	0	0	4	7	19	0	0	0	1	3	10	8	6	2									
		9	1009.8	+0.6	6.2	1.0	8.2	85	4.5	0	6	13	9	2	0	0	0	0	0	1	6	23	0	0	3	9	18	0	1	1	0	1	11	7	4	5									
		15	1009.3	-	7.9	1.5	8.4	79	5.4	0	5	7	10	8	0	0	0	0	0	0	5	25	0	1	3	11	15	0	0	0	0	1	12	5	6	6									
		21	1009.0	-	6.3	1.0	8.2	85	5.2	0	8	6	6	10	0	0	0	0	0	0	10	19	1	0	3	10	17	0	1	1	1	2	11	5	7	2									
KINLOSS	6	3	1008.3	-	4.8	1.1	7.3	84	4.2	3	8	4	13	2	0	0	0	0	0	5	11	14	0	0	0	10	17	3	0	1	0	3	7	10	4	2									
		9	1009.4	+0.1	4.4	1.0	7.2	85	4.9	1	8	3	18	0	0	0	0	0	1	3	2	10	0	0	0	11	19	0	0	0	2	1	9	13	3	2									
		15	1008.8	-	7.4	1.7	7.8	76	4.8	0	8	6	13	3	0	0	0	0	0	2	2	12	15	0	1	15	12	2	0	0	1	1	7	15	2	2									
		21	1008.4	-	5.4	1.2	7.3	81	5.2	1	8	1	14	6	0	0	0	0	0	1	5	14	10	0	0	11	18	1	0	0	1	6	10	8	1	3									
LOSSIEMOUTH	6	3	1007.9	-	4.4	1.1	7.0	83	4.3	3	9	4	11	3	0	0	0	0	1	1	18	9	0	2	9	17	2	1	0	1	7	2	10	5	2										
		9	1009.1	-	4.5	1.0	7.2	84	5.0	1	7	5	15	2	0	0	0	0	0	3	2	10	14	0	1	8	20	1	0	0	2	3	5	13	4	2									
		15	1008.5	-	7.2	1.8	7.6	75	4.8	0	10	4	12	4	0	0	0	0	0	4	11	15	0	1	12	17	0	0	0	0	4	7	13	4	2										
		21	1008.2	-	4.8	1.2	7.1	82	5.5	1	7	1	14	7	0	0	0	0	1	0	5	5	12	7	0	1	12	17	0	0	0	2	6	6	11	2	3								
TAYSIDE																																													
USAN	35	9	1011.0	-	5.4	0.7	8.1	89	4.5	0	11	5	11	3	0	0	0	0	0	1	1	5	4	19	0	3	10	17	0	0	0	0	7	12	10	1									
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
		21	1010.3	-	5.6	0.6	8.4	91	4.7	4	4	6	10	6	0	0	0	0	0	0	2	2	11	15	0	4	14	11	1	1	0	0	0	8	7	12	1								
FIFE																																													
LEUCHARS	12	3	1009.8	-	3.8	0.6	7.3	90	3.9	5	8	5	6	3	0	0	0	0	1	1	2	4	5	13	4	0	3	6	18	3	2	0	0	2	3	11	7	2							
		9	1010.7	+0.8	4.1	0.7	7.4	89	5.1	1	5	8	13	3	0	0	0	0	1	0	0	2	5	9	6	0	1	6	18	5	0	0	0	2	12	10	1								
		15	1010.2	-	6.7	1.3	8.1	82	5.1	0	6	9	11	4	0	0	0	0	0	3	11	8	5	0	1	9	17	3	1	1	1	1	4	12	5	2									
		21	1010.0	-	4.2	0.6	7.5	90	4.6	4	7	3	8	8	0	0	0	1	0	0	1	8	8	10	2	0	2	9	16	3	0	1	0	2	5	11	7	1							
LOTHIAN																																													
TURNHOUSE	44	3	1010.5	-	4.5	0.6	7.7	90	4.3	2	12	1	9	6	0	0	0	0	2	1	5	8	12	2	0	2	7	14	7	3	0	0	1	3	10	6	0								
		9	1011.4	+0.9	4.3	0.7																																							

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

NOVEMBER 1976

HEIGHT OF BAROMETER ABOVE MSL (METRES)	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT					VISIBILITY										WIND SPEED AND DIRECTION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
		AT MSL (MB)	DIFFERENCE FROM 1941-70 AVERAGE	DRY BULB DEGREES C	DEPRESSION OF WET BULB DEGREES C	VAPOUR PRESSURE (MB)	RELATIVE HUMIDITY (%)	OKTAS					0 - 39M	40 - 190M	200 - 390M	400 - 990M	1000 - 1900M	2000 - 3900M	4 - 9KM	10 - 19KM	20 - 39KM	40KM AND OVER	BEAUFORT FORCE										N	NE	E	SE	S	SW	W	NW																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
								0	1	2	3	4											5	6	7	8	SKY OBTAINED	SPEED (KT)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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HUDDERSFIELD	235	3	1013.6	-	3.6	0.5	7.3	92	5.1	5	3	5	3	13	1	1	0	0	1	1	5	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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 1976

STATION	HEIGHT OF BAROMETER ABOVE MSL (METRES)	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT						VISIBILITY										WIND SPEED AND DIRECTION																							
			AT MSL (MB)	DIFFERENCE FROM 1941-70 AVERAGE	DRY BULB DEGREES C	DEPRESSION OF WET BULB DEGREES C	VAPOUR PRESSURE (MB)	RELATIVE HUMIDITY (%)	OKTAS						0 - 39M	40 - 190M	200 - 390M	400 - 990M	1000 - 1900M	2000 - 3900M	4 - 9KM	10 - 19KM	20 - 39KM	40KM AND OVER	BEAUFORT FORCE										N	NE	E	SE	S	SW	W	NW						
									MEAN	0	1 - 2	3 - 5	6 - 7	8											SKY OBSERVED	34 OR MORE	SPEED (KT)					0	N	NE									E	SE	S	SW	W	NW
																											22-33	11-21	1-10	CALM																		
																															0																	
BB ENGLAND SW																																																
AVON																																																
FILTON	61	3	1015.6	-	5.5	0.7	8.2	90	5.3	1	7	4	6	11	1	0	0	0	1	1	2	9	12	5	0	0	0	5	25	0	2	2	3	2	7	5	7	2	3	3								
		9	1015.4	+1.9	6.3	0.7	8.7	90	6.1	0	5	3	11	11	0	0	0	0	2	1	5	7	7	1	0	0	7	23	0	1	3	4	4	6	6	7	2	3	3									
		15	1014.8	-	8.3	1.4	8.9	81	5.9	1	3	5	14	7	0	0	0	0	0	1	2	10	7	9	1	0	0	4	26	0	5	0	1	4	6	7	2	3	3									
		21	1015.9	-	6.2	0.8	8.4	87	4.5	4	7	1	14	4	0	0	0	0	1	3	11	10	5	0	0	0	5	25	0	3	1	4	2	6	6	6	2	3	3									
SOMERSET																																																
EXTON	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
		9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
		21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
YEOVILTON	23	3	1016.3	-	5.2	0.5	8.4	93	5.4	4	4	4	4	14	0	0	0	0	0	6	17	7	0	0	0	1	0	17	12	1	1	2	2	3	6	3	0	0	1									
		9	1015.9	-	5.8	0.5	8.8	93	6.0	0	3	7	7	13	0	0	0	0	1	16	8	2	0	0	0	0	3	14	13	2	0	2	3	3	5	1	1	1	1									
		15	1015.1	-	9.7	1.4	9.9	82	6.3	1	1	7	9	12	0	0	0	0	0	5	7	14	4	0	0	0	8	18	4	2	2	1	4	1	7	6	3	3	3									
		21	1016.5	-	6.2	0.7	8.7	90	5.4	1	6	3	9	11	0	0	0	0	0	1	13	14	2	0	0	0	4	15	11	1	1	0	1	5	5	5	3	3	3									
DORSET																																																
MURN	11	3	1016.2	-	5.1	0.4	8.5	94	5.0	6	4	2	6	12	0	0	0	1	2	6	12	2	7	0	0	1	1	22	6	4	1	1	1	6	4	5	2	1	1									
		9	1015.8	-	6.0	0.5	8.9	93	6.1	1	3	2	15	9	0	0	0	0	1	0	16	2	4	1	0	0	2	3	21	4	4	5	2	0	4	5	5	1	1									
		15	1015.1	-	9.3	1.5	9.5	80	5.6	0	7	1	15	7	0	0	0	0	0	0	12	8	9	1	0	0	0	9	21	5	3	1	2	4	8	3	4	4	4									
		21	1016.4	-	6.0	0.7	8.6	91	4.8	6	3	5	9	7	0	0	1	0	1	0	11	8	9	0	0	0	2	26	2	3	2	1	1	5	5	6	5	6	5									
PORTLAND BILL C.G.	54	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
		9	1015.9	-	9.2	0.7	10.7	91	6.2	0	3	5	9	13	0	0	0	0	0	7	12	11	0	1	4	19	6	0	4	3	2	4	1	6	6	4	4	4	4									
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
		21	1016.5	-	8.9	0.9	10.1	88	4.9	3	6	5	6	10	0	0	0	0	0	5	17	8	0	0	5	15	9	1	1	7	1	0	3	6	6	5	5	5	5									
DEVON																																																
EXETER	38	3	1015.9	-	5.8	0.5	8.7	93	4.7	4	8	3	3	12	0	0	0	2	0	7	10	4	7	0	0	0	1	23	6	4	2	1	4	9	2	2	0	0	0									
		9	1015.6	+1.8	6.2	0.4	9.1	95	6.5	0	3	2	14	11	0	0	0	1	0	2	9	5	4	0	0	0	1	26	3	4	5	0	5	5	3	0	5	5	5									
		15	1014.8	-	9.6	1.4	9.9	82	6.3	0	2	3	20	5	0	0	0	0	0	1	3	8	8	10	0	0	7	23	0	2	2	0	2	10	2	5	7	7	7									
		21	1016.3	-	6.7	0.6	9.1	91	4.8	3	6	5	7	9	0	0	0	0	0	8	9	9	4	0	0	2	26	2	4	0	6	5	3	5	3	5	3	5	3	3								
HARTLAND POINT	93	3	1014.8	-	8.9	1.0	9.9	87	5.5	1	5	7	5	12	0	0	0	0	0	0	8	7	15	0	4	16	10	0	5	3	2	0	6	4	7	3	3	3	3									
		9	1014.7	-	8.6	0.7	10.1	90	6.3	0	2	6	11	10	1	0	1	0	0	1	9	11	7	1	4	14	11	0	5	1	3	2	4	4	8	3	3	3	3									
		15	1014.3	-	9.5	1.2	10.0	84	6.3	0	1	8	13	8	0	0	0	0	0	2	8	9	11	0	7	11	10	2	7	2	1	0	2	2	13	1	1	1										
		21	1015.4	-	8.9	1.1	9.7	85	5.2	0	2	14	8	6	0	0	0	0	0	0	6	9	15	1	5	14	9	1	6	3	1	1	3	5	7	3	3	3	3									
MOUNT BATTEN	28	3	1015.8	-	7.7	0.9	9.4	88	5.2	4	3	8	5	10	0	0	0	0	0	8	16	6	0	0	2	8	19	1	5	1	6	0	2	7	5	3	3	3	3									
		9	1015.5	+1.7	7.9	0.8	9.6	89	6.0	0	4	4	11	11	0	0	0	0	2	1	9	7	0	0	2	6	21	1	2	2	8	0	2	6	8	1	1	1										
		15	1015.0	-	10.3	1.5	10.1	80	6.2	0	1	6	16	7	0	0	0	0	1	6	8	11	4	0	2	12	16	0	7	0	3	0	2	8	5	5	5	5	5									
		21	1016.3	-	8.4	1.1	9.5	86	4.6	4	6	4	11	5	0	0	0	0	0	7	14	9	0	0	3	6	19	2	4	2	5	0	2	4	8	3	3	3	3									
PRAWLE POINT	-	3	-	-	-	-	-	-	-	5.9	0	6	4	6	14	0	0	0	0	0	2	12	16	0	3	6	15	5	1	5	2	0	1	3	12	4	4	4	4									
		9	-	-	-	-	-	-	-	6.3	0	0	9	9	12	0	0	0	0	1	6	8	14	0	3	3	18	6	0	5	2	2	1	2	3	11	4	4	4									
		15	-	-	-	-	-	-	-	6.3	0	2	3	17	8	0	0	0	0	1	0	3	12	14	0	1	7	11	11	0	3	0	3	1	2	1	14	6	6									
		21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
CORNWALL																																																
GWENAP HEAD	70	3	1015.7	-	9.3	1.4	9.6	81	5.1	1	8	6	1	14	0	0	0	0	0	1	3	5	11	10	1	5	14	10	0	2	4	3	0	3	8	7	3	3	3									
		9	1015.6	-	9.5	1.3	9.8	82	5.5	1	5	5	9	9	1	0	0	1	0	1	4	4	14	6	1	3	14	12	0	6	1	4	0	1	10	5	3	3	3									
		15	1015.1	-	10.2	1.6	10.0	80	5.6	0	2	10	13	5	0	0	0	0	0	2	3	6	12	7	1	4	16	9	0	5	1	3	1	4	9	5	2	2	2									
		21	1016.4	-	9.2	1.5	9.4	80	4.1	4	9	4	5	8	0	0	0	0	0	2	3	17	8	1	2	22	5	0	3	5	2	0	0	11	6	3	3	3	3									
ST MARGAN	107	3	1015.7	-	7.4	0.7	9.2	89	5.5	2	6	3	8	11	0	0	0	0	0	7	2	16	5	0	2	8	18	2	3	0	4	2	5	9	1	4	4	4										
		9	1015.5	+2.1	8.0	0.7	9.7	90	6.2	0	3	4	13	10	0	0	0	1	0	2	4	6	11	6	0	2	7	20	1	4	4	2	1	4	5	7	2	2										
		15	1015.1	-	9.5	1.3	9.9	83	5.7	1	3	7	14	5	0	0	0	0	0	2	5	5	7	11	0	2	14	14	0	7	2	2	1	4	3	6	5	5										
		21	1016.4	-	7.7	0.8	9.3	88	5.2	2	4	6	9	9	0	0	0	0	0	2	11	10	7	0	2	9	19	0	4	3	4	1	5	6	4	3	3	3										
SCILLY	61	3	1016.0	-	9.7	1.2	10.1	84	5.5	0	5	9	5	11	0	0	0	0	0	2	7	11	10	0	2	14	13	1	4	3	1	0	5	6	8	2	2	2										
		9	1016.1	+2.8	9.8	1.2	10.2	84	5.7	0	2	9	12	7	0	0	0	1	0	5	8	11	0	3	9	14	4	4	0	2	0	3	5	5	7	7	7	7										
		15	1015.8	-	10.5	1.4																																										

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

NOVEMBER 1976

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	3	27	0	0	0	0	0	0	0	0	2	13	15	0	0	CAMBRIDGE BOTANIC GARDENS	0	0	17	13	0	0	0	0	0	0	0	5	16	9	0	0								
LERNICK (SCREEN)	0	3	27	0	0	0	0	0	0	0	0	2	13	15	0	0	EDGBASTON	0	1	25	4	0	0	0	0	0	0	1	18	11	0	0									
STORNOWAY	0	3	23	4	0	0	0	0	0	0	0	1	18	11	0	0	KEM (PSYCHROMETER)	0	0	15	15	0	0	0	0	0	0	5	13	12	0	0									
CRAIBSTONE	0	2	26	2	0	0	0	0	0	0	0	7	21	2	0	0	KEM (NORTH-MALL SCREEN)	0	0	16	14	0	0	0	0	0	0	2	13	15	0	0									
ROTHESAY	0	2	20	8	0	0	0	0	0	0	0	2	3	17	8	0	HASTINGS	0	0	10	20	0	0	0	0	0	0	0	10	20	0	0									
ABBOTSINCH	0	2	20	8	0	0	0	0	0	0	0	2	3	17	8	0	SOUTHAMPTON	0	0	11	19	0	0	0	0	0	0	3	9	18	0	0									
ESKDALEMUIR (PSYCHROMETER)	0	5	25	0	0	0	0	0	0	0	0	2	7	17	4	0	STANTHURST	0	3	26	1	0	0	0	0	0	0	5	18	7	0	0									
ESKDALEMUIR (SCREEN)	0	4	26	0	0	0	0	0	0	0	0	2	6	16	6	0	VALLEY	0	0	8	22	0	0	0	0	0	0	0	10	20	0	0									
DOUGLAS	0	0	16	14	0	0	0	0	0	0	0	0	0	14	16	0	RHOOSE	0	0	14	16	0	0	0	0	0	0	2	10	18	0	0									
BOULMER	0	2	22	6	0	0	0	0	0	0	0	1	24	5	0	0	FALMOUTH	0	0	6	24	0	0	0	0	0	0	0	11	19	0	0									
MULL	0	1	19	10	0	0	0	0	0	0	0	0	24	6	0	0	ALDERGROVE	0	3	24	3	0	0	0	0	0	0	5	16	9	0	0									
GORLESTON	0	0	13	17	0	0	0	0	0	0	0	2	10	18	0	0	ARMAGH	0	3	23	4	0	0	0	0	0	0	6	17	7	0	0									

TABLE 6 SUMMARY OF AUTOGRAPHIC RECORDS OF WIND

NOVEMBER 1976

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					HOURS OF NO RECORD					MEAN HOURLY WIND SPEED (KT)					HOURLY WIND					GUST																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
									11-21 KT															4-10 KT					LESS THAN 4 KT					YEAR FROM N					SPEED-KT					DAY					HOURS 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		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	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													
1972	JANUARY	ST JAMES PARK	(7.1)		(4.7)	(+0.1)																									
1974	NOVEMBER	CARMARTHEN											152																(7.21)		
1975	JULY	PORTHCAML																											(5.88)		
	SEPTEMBER	GUERNSEY L, ANCRESE		13.4	16.9				7.2	2																			(3.85)	(120)	
	OCTOBER	GUERNSEY L, ANCRESE		12.4	15.5					22																			(3.86)	(82)	
	TENBY	FALMOUTH																											(1.99)		
1976	JANUARY	FALMOUTH																											(1.25)		
	FEBRUARY	GULVAL	8.8		6.2																								(2.07)	(85)	
	MARCH	CEINMS	8.3	3.6	5.9	+0.2																									
	APRIL	SKEGNESS		(1.2)	(3.9)																								(6.20)		
	MAY	NEWQUAY																											(7.89)	(128)	
		COCKLE PARK	(18.6)	(6.6)			20.4	7	1.0	4	10.8		77	135	10	12	20	15	0	0	0	0	1	0	0	11	0	3.50	60		
		EAST BERGHOLT	14.5	6.0	10.3	+0.2			1.5	1																					
		NEWTON RIGG		7.0	(10.6)																										
		WHITTECHURCH	15.5																												
		PORTHCAML		8.3			23.6	8	5.7	3			133	136	19	16	22	19	0	0	0	0	0	0	0	0	0	0		(6.45)	(90)
	JUNE	FALMOUTH	16.4	10.4	13.4		25.0	8					31	46	9	16	14	10	0	0	0	0	2	0	0	0	0	0			
		BALMACARA	17.9																												
		DALL		(9.8)	(14.7)																										
		COCKLE PARK		9.0	14.1																										
		STONEHAUGH		(9.7)																											
		CAMWOOD		(9.4)	(13.5)	(+1.8)																									
		MALHAM TARN		10.9																											
		YORK (HESLINGTON)	24.1																												
		BOXWORTH	24.8	(11.2)	(18.0)	(+2.9)																									
		CAMBRIDGE BG		11.0	18.3																										
		ALDENHAM SCHOOL	(21.8)	(12.9)	(17.3)	(+2.4)	28.1	9		19																					
		CLACTON-ON-SEA	24.8		18.2																										
		LITTLE PARNDON		12.3	19.3	+4.2			5.0	3																					
		MALDON		11.5	17.9						15.4																				
		STANFORD-LE-HOPE	(23.1)		(17.9)	(+3.0)																								(6.28)	(106)
		BUXTON		10.5																											
		NOTTINGHAM																													
		OSWESTRY	(23.0)		16.8																										
		SHREWSBURY	23.3	10.1					5.4	21																					
		BIRMINGHAM KES																													
		COVENTRY AIRPORT	24.0		18.1																										
		STRATFORD-UPON-AVON	23.8		17.7																										
		MALVERN																													
		PERSHORE COLL OF HORT	24.7		(17.7)						17.2																				
		OXFORD		9.9	16.8																										
		HARROW WEALD																													
		LACOCK																													
		MICKLEHAM	21.2		16.4								12	25	10	19															
		DOVER RMS	22.7		17.5																										
		HERNE BAY	23.8		17.3																										
		MARTYR WORTHY		13.8	18.2	+2.5			9.8	2																					
		SOUTHSEA		10.2	17.3				4.8	3																					
		NORTH HEATH																													
		WORTHING	19.6		14.9	+1.8																									
		NEWTON RIGG																													
		SELLAFIELD																													
		HELMSHORE		10.8	15.1																										
		STONYHURST																													
		NESS GARDENS	21.2		16.3																										
		ABER	20.0	11.7	15.9		31.0	30	6.5	3		13.3	22		12	18	6	3	0	0	0	0	0	0	0	0	0	0	7.50		
		BALA		9.1	14.5																										
		ALWEN		8.2																											
		CHWYSTWYTH	18.8		13.9		29.6	29																							
		WHITTECHURCH	19.7	10.0	14.9		30.5	29	3.5	3			16		5	19	8	5	0	0	0	0	0	2	0		0		8.00		
		PORTHCAML																													
		PLYMOUTH THE HOE	19.8		16.3	+1.5																									
		TEIGNMOUTH																													
		GOREY CASTLE																													
		CREIGHTONS GREEN																													
		HELENS BAY	18.9	10.9	14.9		25.8	28	6.8	3			39	65	18	16	12	7	0	0	0	0	0	0	0	0	0	0	6.75		
		LOUGHGALL																													
		LISNASKEA																													

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

MONTHLY WEATHER REPORT

1 JUL 1977

DECEMBER 1976

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

VOLUME 93

NUMBER 12

Cold, with snow; quite sunny in places

Depressions and fronts from the west crossed all districts during the first week. An anticyclone then formed over the English Channel and persisted until the 13th, when it linked with an area of high pressure over Scandinavia and moved away to the south-east. Pressure remained high to the north-east and fronts moved slowly into the British Isles from the west and south. An anticyclone became established over Iceland on the 19th and extended a ridge south-eastwards from the 23rd to the 26th. Troughs of low pressure moved southwards until the last few days of the month, when fronts and depressions again approached from the west.

Weather

December was cold, with wintry showers in many districts. There were heavier falls of snow at times, particularly in the north. The wettest areas were generally in eastern, central and southern England and there were thunderstorms during the first week, mostly in the south-west. There were gales at times, particularly on the first two days, from the 5th to the 8th and on the 29th and 30th. Fog was dense, freezing and slow to clear in places, mainly affecting northern districts on the 3rd and 4th and most areas at times during the second and third weeks. Except in Northern Ireland, however, many places had quite a sunny month.

Wind

Winds were fresh or strong at times during the month on exposed coasts, but were sometimes light, particularly during the second week. There were also some gales and these were severe in the English Channel area at the beginning of the month; gusts exceeding 70 kt were recorded in south-west England and the Channel Islands on the 1st. Winds again reached gale force between the 5th and the 8th and further gales affected east coast districts during the third week and Irish Sea coasts on the 29th and 30th. Directions were mainly between south-west and north-west until the 12th, when speeds became light and directions variable for a few days. South-east to north-east winds predominated from around mid month until the beginning of the fourth week. Winds then blew from northerly points, becoming cyclonic, mostly between south-west and south-east, during the last few days.

Temperature

Monthly mean temperatures were below average everywhere, mostly by 2 to 3 degC, but by about 1 to 2 degC in parts of south-east England and on some coasts, and by more than 3 degC in parts of northern and western Scotland and in isolated places in Northern Ireland and the south-west Midlands. It was the coldest December generally since 1950. In northern areas the coldest weather occurred in the first week, the temperature falling to -15.8 °C at both Lagganlia (Highland Region) and Crawfordjohn in the Southern Uplands on the night of the 2nd/3rd: the extremely low temperatures caused two trains to be stranded near Beattock Summit. At Glasgow Airport the daytime temperature did not rise above -5 °C on the 3rd. In the south the coldest night was the 28th/29th, when

temperatures fell below -11 °C at several places in the south Midlands and central southern England. The highest daily maxima during the month were recorded in the south-west, where the temperature at the Lizard (Cornwall) rose to 11.5 °C on the 22nd.

Rainfall

Monthly rainfall totals varied considerably. Amounts were above average along the eastern coastal strip of Scotland and north-east England, in a few places in North and South Wales, and over much of eastern, central and southern England. Values exceeded 150 per cent in places and were not far short of 200 per cent in the Aberdeen area and in parts of Bedfordshire. Totals were below normal in most western and northern districts. Much of north-west Scotland and some places in north-west England and Wales had less than half their average rainfall and in parts of the Scottish Highlands this was the driest December for many years, with several places recording less than 35 per cent of the normal. Much of the precipitation during the month was of a wintry or showery character, but rain fell in many areas on the 1st, in the third week and at the end of the month. There were very few daily falls exceeding 50 mm.

Snow

Falls of snow, or wintry showers, occurred mainly from the 1st to the 12th, during the third week and from about the 27th onwards. In Scotland and the north of England undrifted snow accumulated to depths exceeding 20 cm at times during these periods, particularly from the 17th to the 21st: depths of more than 30 cm were measured in level snow at a few places. Farther south also, maximum depths were recorded during the same periods, especially on the 17th, but amounts were not as great. There were blizzards in Scotland and northern England at the end of the month. Snow cover was unusually persistent in

these areas and remained throughout the month at some high-level stations. In parts of Scotland the number of days with snow lying in December was the greatest for at least 60 years.

Sunshine

Except in Northern Ireland, where most districts had less sunshine than is usual for December, and in part of south-west England, monthly sunshine totals were mostly near to or above average. Amounts exceeded 150 per cent of the normal in parts of Shetland and southern Scotland and in isolated places on the eastern side of England and in the Midlands. In the Glasgow area, where almost twice the normal amount was recorded, this was the sunniest December since 1967. Long sunny periods mostly occurred during the first twelve days and in the last week, although fog reduced totals in some places.

Fog

Fog affected most areas during the month and formed more frequently in Northern Ireland than is usual in December. The fog, which was often dense and freezing, mostly occurred in the middle of the first week and during the second and third weeks. It persisted all day in places, particularly in northern districts on the 3rd and in many areas on the 13th and from the 21st to the 23rd. A number of road accidents, causing injury and loss of life, occurred in thick fog and about 50 vehicles were said to have been involved in a collision near the Yorkshire/Lancashire border on the 22nd. Hill fog developed at times and was extensive in some districts on the 19th and 20th.

Miscellaneous Phenomena

On the night of the 7th/8th, a whirlwind, which lifted sheds into the air and damaged walls and roofs, was reported at Landford, near Salisbury (Wiltshire). The aurora was observed in Scotland on one night.

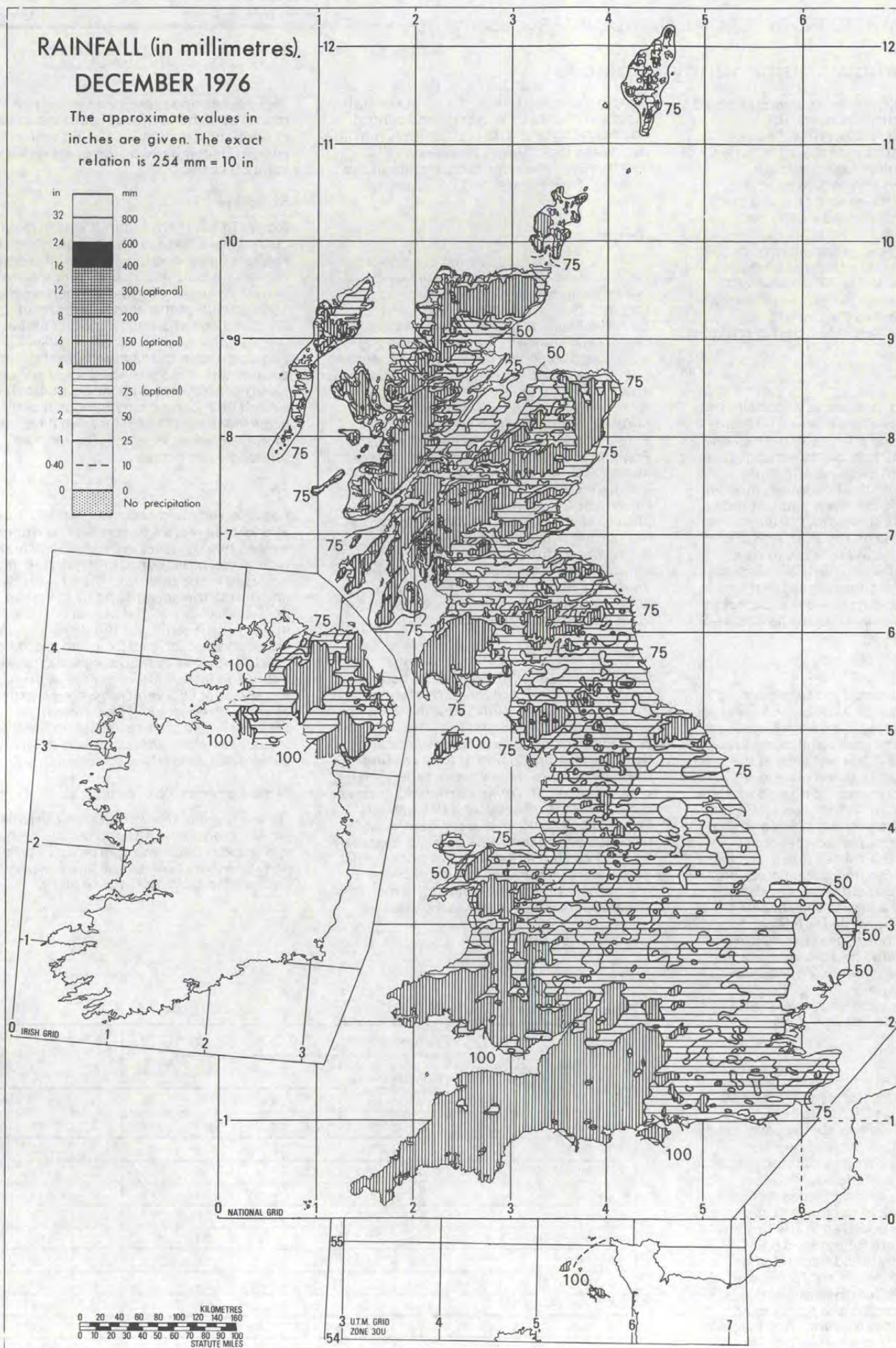
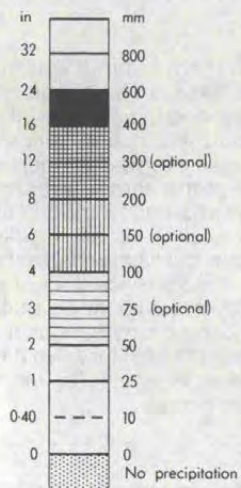
Table 1 District values

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	8.2	-8.0	-2.4	-2.1	-2.2	-1.5	-3	48	117
1 Scotland E	7.2	-13.0	-2.7	-2.1	-2.4	-0.8	0	98	134
2 England E & NE	8.4	-6.9	-2.5	-1.7	-2.1	-1.2	+2	118	143
3 East Anglia	9.1	-8.9	-2.4	-1.8	-2.1	-1.3	0	108	137
4 Midland Counties	9.7	-9.3	-2.6	-2.5	-2.5	-1.7	-1	118	138
5 England SE & Central S	10.5	-11.0	-2.1	-2.1	-2.1	-1.6	-3	118	125
6 Scotland W	8.5	-11.3	-2.8	-2.5	-2.6	-1.3	0	64	132
7 England NW & Wales N	9.9	-12.4	-2.6	-2.1	-2.4	-1.1	-1	70	115
8 England SW & Wales S	11.4	-6.8	-2.3	-2.3	-2.3	-1.9	-2	103	100
N Ireland	9.2	-7.5	-2.8	-2.4	-2.6	-0.6	-3	94	84
Scotland	8.5	-13.0	-2.6	-2.2	-2.4	-1.2	-1	70	128
England & Wales	11.4	-12.4	-2.4	-2.1	-2.3	-1.5	-1	106	126

*Highest maximum and lowest minimum of District Value Stations.

RAINFALL (in millimetres). DECEMBER 1976

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



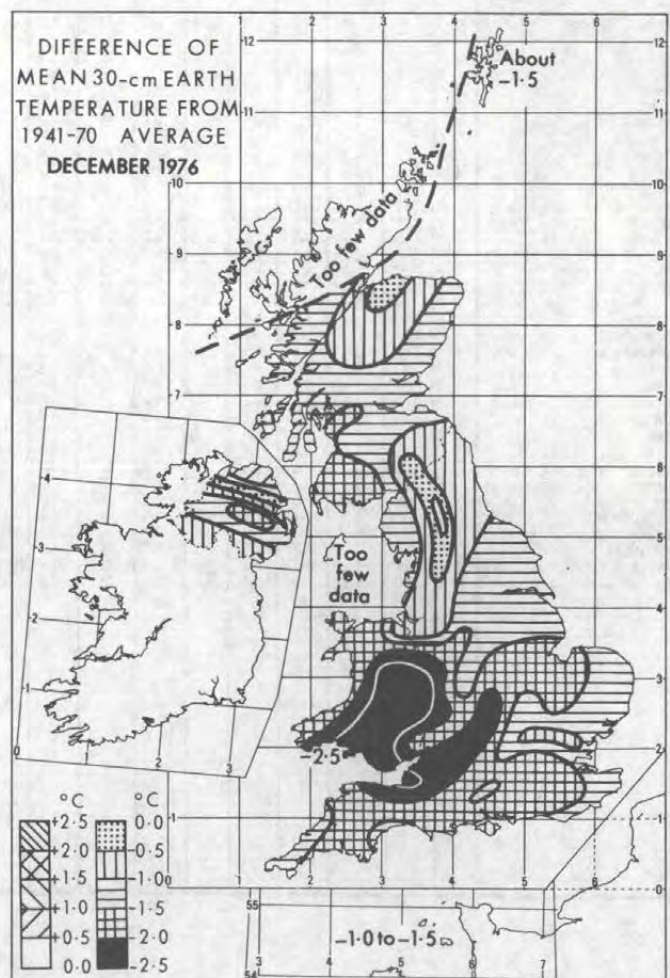
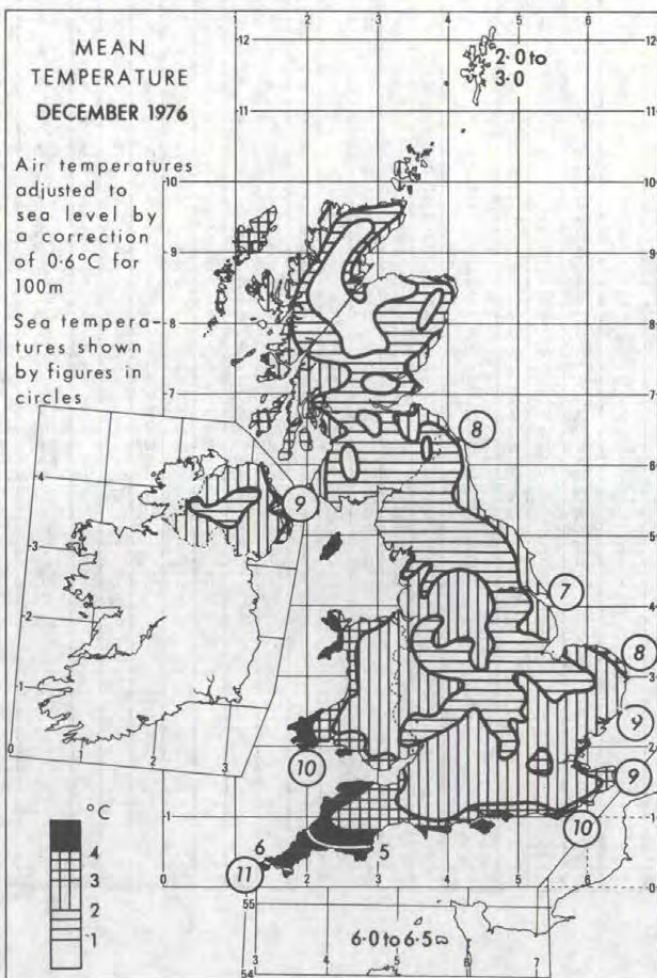
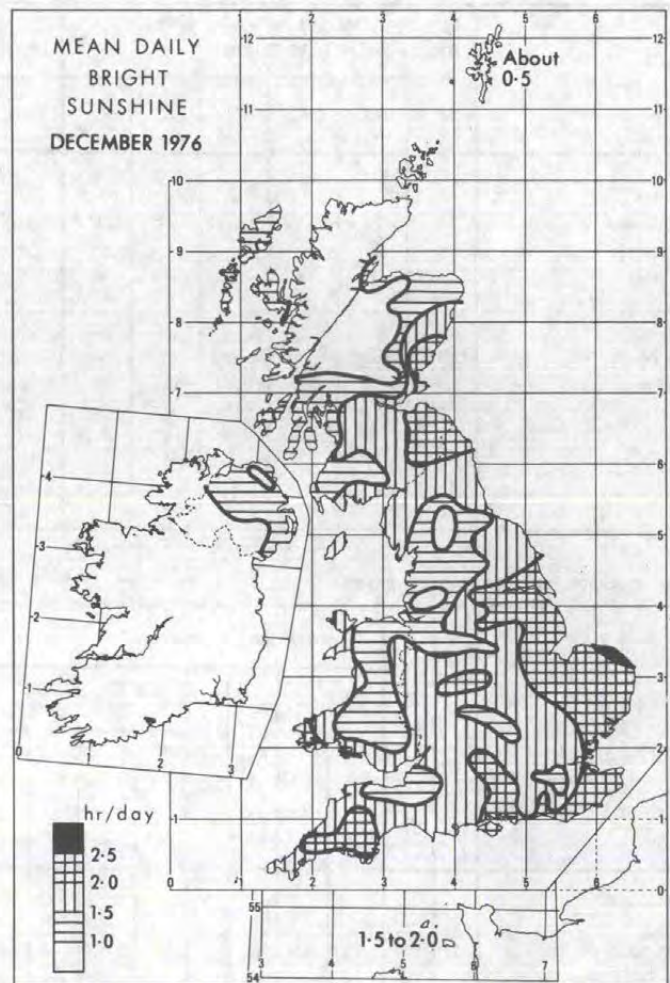
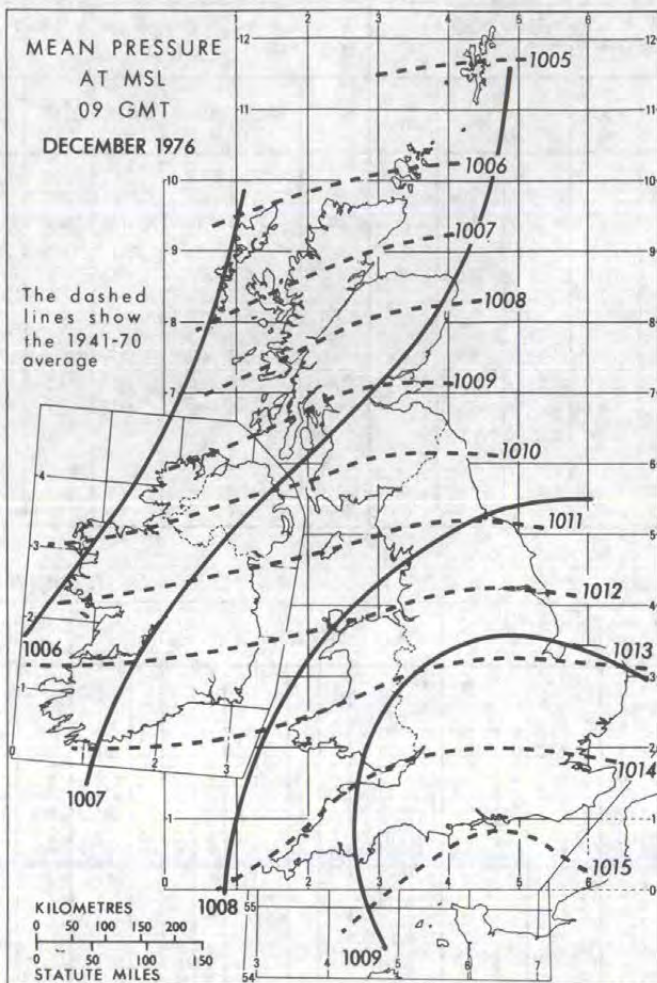


TABLE 2 SOLAR RADIATION AND ILLUMINATION

DECEMBER 1976

STATION	TOTAL RADIATION ON A HORIZONTAL SURFACE (MILLIWATT-HOURS PER SQUARE CENTIMETRE)						DIFFUSE RADIATION ON A HORIZONTAL SURFACE (MILLIWATT-HOURS PER SQUARE CENTIMETRE)						TOTAL ILLUMINATION ON A HORIZONTAL SURFACE (KILOLUX-HOURS)					
	MAX.	DATE	MIN.	DATE	DAILY MEAN	NO. OF DAYS	MAX.	DATE	MIN.	DATE	DAILY MEAN	NO. OF DAYS	MAX.	DATE	MIN.	DATE	DAILY MEAN	NO. OF DAYS
LERWICK	110	2	8	21	48.7	29	47	1	8	21	27.4	29	120	2	11	21	53.4	29
ESKDALEMUIR																		
CARDINGTON																		
ABERPORTH	61	13	9	18	42.4	30	111	28	10	18	63.8	30						
LONDON WEATHER CENTRE																		
KEM																		
BRACKNELL																		
ALDERGROVE	108	2	6	21	45.0	31	46	28	6	21	29.1	31	125	2	6	21	49.3	31
JERSEY	129	4	18	27	72.5	31	75	12	18	27	52.2	31	151	12	22	27	90.4	31

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DECEMBER 1976

DISTRICT REGION/COUNTY AND PLACE	MAX. TEMP. (HOURS)	MIN. TEMP. (HOURS)	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	DEBRIS MIN. C	CONCRETE MIN. 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	4.0	-0.5	1.7	-2.4	6.7	15	-6.1	30	3.8	-	100	74	18	29	23	17	15	5	1	1	1	0	17	-	3	0.51	165	S	
BALASOUND	21 9	82																													
LERWICK			3.8	0.7	2.3	-	6.6	15	-7.1	29	-	-	86	-	11	29	20	17	18	9	4	14	2	0	11	21	1	0.70	140	-	
PSYCHROMETER			3.7	0.7	2.2	-1.8	6.9	15	-7.0	29	-	-																			
SCREEN																															
ORKNEY	21-9	26	4.1	0.7	2.4	-1.9	6.2	23	-2.7	28-29	-	-	118	95	24	17	21	16	16	9	5	6	0	0	11	21	22	1	0.85	110	-
KIRKALL AIRPORT																															
WESTERN ISLES	21-9	6	5.2	1.7	3.5	-2.2	8.0	11	-3.8	4	-	-	93	-	12	7	25	17	16	4	1	9	0	0	10	16	17	1	1.24	138	-
BENBECULA	9 9	18																													
SCALPAY	9 9	18																													
STORNOWAY	21-9	3	5.2	1.4	3.3	-1.6	8.2	13	-3.7	2.3	-	-	81	-	20	29	21	16	11	2	0	7	0	0	14	18	16	0	1.04	127	-
HIGHLAND																															
ACHINASHALLACH	9 9	67	3.1	-2.2	0.5	-3.2	6.8	23	-7.4	4	-	-	85	33	14	26	22	17	14	24	0	0	0	0	20	-	0	-	-	-	
BALMACARA	9 9	4																													
CAPE WRATH	21-9	112	4.7	2.0	3.3	-2.0	7.6	14	-2.4	4	-	-	74	61	12	28	20	15	11	4	2	5	0	0	7	14	13	3	0.70	S	
CORPACH	9 9	8	3.5	-0.9	1.3	-	8.0	23	-7.0	4	-	-	83	-	15	30	21	15	10	3	0	0	0	1	16	24	0	0	-	-	
CRAIGDARROCH	9 9	38	2.4	-3.2	-0.4	-	5.8	26	-9.5	11	-	-	52	-	9	20	20	14	11	20	0	0	0	3	27	27	0	0	-	-	
DALWHINNIE	9 9	351											33	-	5	29	21	13	16	24	0	0	0	2	28	28	1	0.75	S		
DOUNREAY	9 9	21	4.7	-0.6	2.1	-	8.0	26	-5.7	2	-	-	85	86	10	9	26	21	5	2	0	1	0	3	18	22	1	1.00	-	-	
FORTROSE	9 9	5	3.9	0.5	2.2	-2.3	6.0	26	-3.5	3	-	-	22	37	(3)	3	16	11	5	1	0	0	0	2	7	-	0	1.26	118	-	
GLENMORE LODGE	9 9	341	1.9	-3.8	-0.9	-	5.7	23	-12.8	3	-	-	53	51	7	27	25	16	17	19	0	0	0	0	28	31	29	0	0.39	S	
GRANTOWN-ON-SPEY	9 9	229	1.8	-4.2	-1.2	-	4.7	23	-13.6	3	-	-	32	-	6	3	17	10	12	23	0	0	0	3	24	31	0	(0.95)	-	-	
HEASTE	9 9	109	4.2	-0.2	2.0	-	7.4	23	-5.4	3	-	-	85	-	21	29	20	17	12	3	0	4	0	0	15	24	0	0	-	-	
ISLE OF RHUM	9 9	5	5.2	0.4	2.8	-	8.4	11	-6.4	4	3.8	6.8	191	69	59	29	23	19	3	9	0	5	0	0	13	22	0	0	-	-	
KEISS	9 9	30	4.4	-0.5	1.9	-	7.2	23	-6.1	3	3.1	5.2	72	-	8	17	25	17	10	8	2	6	0	0	15	19	0	0	0.95	-	
KINLOCHME	9 9	23											83	35	(12)	26	22	17	-	-	-	-	-	-	-	-	0	-	-	-	
KNOCKANROCK	9 9	244	2.3	-1.0	0.7	-	5.4	26	-4.9	2	-	-	121	46	18	28	21	18	16	28	0	3	1	2	20	31	0	0	-	-	
LAGGANLIA	9 9	250	2.2	-3.8	-0.8	-	4.2	5	-15.8	3	-	-	20	-	3	11-20	16	8	16	18	0	0	0	3	26	29	1	0	-	-	
LAIRG	9 9	91	2.1	-3.0	-0.5	-	5.7	26	-9.3	3	2.0	4.8	58	-	7	27	20	17	18	20	4	0	0	7	23	26	0	-	-	-	
LENTAN	9 9	146	2.5	-2.3	0.1	-	5.0	26	-8.5	3	-	-	26	-	4	11	20	9	13	16	0	2	0	1	27	28	0	0	-	-	
LOCH OICH	9 9	37	2.7	-1.4	0.7	-	7.4	23	-8.0	11	-	-	69	-	16	29	20	15	19	14	0	0	0	0	18	24	0	0	-	-	
NAIN	9 9	6	3.3	-2.0	0.7	-3.2	5.3	26	-7.7	3	-	-	17	32	3	26	14	7	9	0	0	1	0	0	25	17	0	0	1.39	120	S
ONICH	9 9	15	4.1	-0.6	1.7	-2.8	8.0	23	-8.0	4	-	-	78	33	(16)	29	19	16	-	3	0	6	1	0	13	17	0	0	0.64	103	S
POOLEWE	9 9	6	4.7	0.5	2.6	-	7.6	14	-3.1	2.4	-	-	73	-	10	4	18	15	8	3	0	6	1	0	13	26	0	0	0.91	S	
PRABOST	9 9	67	3.9	-0.2	1.9	-	7.0	23	-5.3	3	-	-	110	52	20	29	23	19	10	13	0	6	0	0	18	21	0	0	1.14	-	-
RUBH RE	21-9	16	5.5	2.5	4.0	-	8.7	14	-1.1	3	-	-	67	-	10	27	20	16	8	1	1	6	0	0	3	11	16	1	0	-	-
STRATHCONON	9 9	107	1.9	-3.1	-0.6	-	4.9	26	-10.6	3	-	-	80	-	17	20	19	16	10	26	0	0	0	-	24	27	0	0	-	-	
STRATHY	9 9	37																									0	-	-	-	-
TARBATNESS	21-9	18	3.9	0.7	2.3	-1.9	6.3	22	-4.0	3	-	-	25	-	5	28	20	10	7	4	0	0	0	1	12	-	0	-	-	-	-
TOMATIN	9 9	311	1.6	-3.2	-0.8	-	3.7	23	-12.0	3	-	-	27	-	4	12	20	10	13	-	0	0	0	-	25	-	0	-	-	-	-
WICK	21-9	36	4.0	0.0	2.0	-2.1	8.0	23	-7.5	12	-	-	64	74	11	17	25	15	12	6	0	13	1	2	15	22	21	1	0.85	82	-

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

225
DECEMBER 1976

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 DR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS MIN. BELOW 0 DEG C	CONCRETE MIN. BELOW 0 DEG C	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE	
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE					DATE	DATE	0-2 MM OR MORE	1-0 MM OR MORE														
1 SCOTLAND E																																
GRAMPIAN																																
ABERDEEN	21-9	58	3.2	-1.1	1.1	-2.2	6.6	23	-8.4	12			143	190	27	16	17	13	18	19	2	8	0	2	18	24	24	0	1.76	120		
DYCE AIRPORT	9 9	16	3.6	-1.0	1.3	-2.4	6.6	23	-6.7	12			123	167	24	16	16	13	11	5	0	0	0	0	17	27	24	0	1.91	130		
MANNOFIELD	9 9	283	2.0	-3.3	-0.7	-2.4	4.7	26.30	-12.1	3			64	72	11	20	20	13	14	28	0	0	0	0	26	30	26	0	1.69			
BALMORAL	8 8	77	2.9	-2.3	0.3		5.7	26	-8.0	3.4			148		35	17	16	13	14	22	0	2	2	0	22	26	26	0	1.69			
BANCHORY	9 9	24	3.8	0.3	2.1		6.3	25	-4.5	12			69	94	14	16	20	14	11	7	0	3	0	0	14	24	24	0	0.98			
BANFF	9 9	339	1.9	-3.5	-0.8	-2.5	4.0	26	-13.0	3			57	58	16	20	20	16	20	28	0	0	0	0	25	31	26	0	0.85	133		
BREMAR	9 9	91	3.2	-1.0	1.1	-2.4	5.9	23	-6.6	12	2.6	4.7	115	151	24	16	18	13	11	19	0	1	0	2	19	24	24	0	1.85	120		
CRAIBSTONE	9 9	3	3.7	-1.2	1.3		6.9	23	-7.6	12			100	154	24	16	20	14	7		0	0	0	2	18	24	24	0	1			
CULTERTY	9 9	15	(3.3)	-2.1	(0.6)		6.1	23	-9.5	4			41	62	9	3	18	14					0	22	27	24	0	0.88				
ELGIN	9 9	50	3.4	-1.4	1.0		5.4	26	-5.9	3	1.6	5.0	26		4	3	16	12	13	10	0	1	0	3	23	28	24	0	0.93			
FRASERBURGH	21-9	19	4.8	1.6	3.2		7.2	23	-1.8	6			54	78	8	30	20	14	11	3	0	1	0	0	9	16	16	2	1.05			
FYVIE CASTLE	9 9	55	2.7	-2.8	-0.1		5.0	26	-9.5	12			96	116	22	17	18	18	9		0	0	0	0	24	27	24	0				
GARTLY	9 9	146	2.3	-2.1	0.1		4.4	26	-9.4	3			93		18	17	21	16					23	31	24	0						
GLENLIVET	21-9	215	1.8	-2.3	-0.3		4.5	23	-10.6	3			53	57	11	27	21	15	18	25	0	0	0	1	25	26	28	0	1.05			
INVERURIE	9 9	54	2.7	-2.9	-0.1		5.1	21.26	-10.1	12			115		27	16	13	11	22		0	0	0	1	21	28	24	0	1.51			
KEITH	9 9	106	2.7	-3.6	-0.5		5.3	20	-9.7	12			70		11	17	21	14	14		0	0	0	0	27	31	24	0	1.13			
KINLOSS	21-9	5	3.2	-1.3	0.9	-3.1	5.4	26	-7.2	3	3.9		25	45	6	3	19	10	15	7	0	3	0	0	21	27	24	1	1.11			
LOSSIEHOUTH	21-9	6	3.4	-1.5	0.9		6.3	23	-12.5	3			57	65	7	3	23	11	16	8	0	3	0	2	21	25	25	1				
STONEHAVEN	9 9	4	4.5	0.7	2.6	-1.3	7.5	22.23	-5.8	10			89	120	17	16	14	12	9	2	0	0	0	0	12		1	1.80	125			
TAYSIDE																																
ARBROATH	9 9	28	4.3	0.5	2.4		7.0	23	-3.0	11			61	102	13	20	13	9	3	2	0	0	0	1	14	21	24	0	2.24	147		
RODHALNAG	9 9	130	2.9	-0.9	1.0		5.8	23	-7.0	4			114	72	25	29	20	16	14	13	0	0	0	0	18	26	24	0	0.55			
ASHINTULLY CASTLE	9 9	341																														
BLAIRGOWRIE	9 9	70	2.9	-0.7	1.1		5.8	24	-7.0	10	1.5		56	75	12	19	17	12							20	23	24		1.36			
DALL	9 9	232	1.4	-3.9	-1.3		4.9	23	-12.5	4			73	53	13	20	15	13	15	26	0	0	0	4	23	31	24	0				
DRUMMOND CASTLE	9 9	113	2.6	-2.2	0.2		5.5	27	-8.5	3	2.5		90		13	22	19	16	10	28	0	0	0	0	25	29	24	0				
DUNDEE	9 9	45	4.0	-0.4	1.8	-1.8	7.1	21	-5.6	3	2.0		84	121	20	20	13	12	9	4	0	1	1	3	16			2.09	142			
FASKALLY	9 9	94	2.9	-1.9	0.5		5.9	23	-9.9	4	2.1	5.3	63	63	11	30	16	11	10	10	0	0	0	1	20	25	24	0				
GLENAGLES	9 9	152																														
KINDROGAN	9 9	259	1.3	-3.5	-1.1		4.8	23	-9.8	11			78		15	30	17	13	15	30	0	2	0	1	25	29	24	0				
KINROSS	9 9	116	2.3	-4.0	-0.9		6.5	23	-15.0	3	1.8		97		19	19	18	15		19				27	28	24	0	1.09				
MONTROSE	9 9	57	3.6	-0.4	1.6		6.7	23	-5.2	3			69	106	(14)	20	12	10	10	2	0	1	0	0	17	24	24	0				
MYLNEFIELD	9 9	30	3.3	-1.2	1.1		7.2	23	-7.0	5	2.2	5.6	88	140	18	20	17	13	8	15	0	1	0	3	16	27	24	0	2.12			
PERTH	9 9	23	3.3	-2.6	0.3	-3.0	7.0	23	-10.2	3			90	113	(17)	19	19	15					9	25	29	24	0	0.83	78			
STRATHALLAN	9 9	41	2.8	-2.1	0.3		6.1	23	-11.6	3			94		14	19	19	15	12	20	0	0	0	0	22	28	24	0				
USAN	21-9	30	4.0	0.6	2.3		7.1	23	-4.0	11			62		14	20	14	10	5	1	0	0	0	0	13	22	18	2	2.20			
WHITEHILLOCKS	9 9	258	2.3	-2.4	-0.1		5.1	26	-7.2	3			108	83	14	30	15	13	13	28	0	0	0	0	24	29		0				
FIFE																																
BELLISTON	9 9	82	3.5	0.4	1.9		6.6	22.23	-2.4	6	3.4		84	128	16	20	15	13	6	3	0	4	0	1	13	27	24	0				
CUPAR(ELMWOOD)	9 9	36	2.9	-1.6	0.7		6.7	23	-7.9	5	2.0		98		15	19	18	13	11	18	0	3	0		23	29	24	0	1.35			
GLENROTHES (GLENWOOD)	9 9	117	2.9	-1.2	0.9		6.3	23	-7.2	3															18			0	1.79			
LEUCHARS	21-9	10	3.6	-0.5	1.5	-2.4	7.2	23	-7.0	6			77	135	15	19	16	12	12	3	0	4	0	1	21	23	23	0	2.12	134		
PITREAVIE	21-9	40	3.2	-0.4	1.4		6.9	23	-7.3	3			74	118	15	19	18	13	10	6	0	0	0	6	18	22	22	0				
ST ANDREWS	9 9	18	3.9	-0.1	1.9		7.8	23	-4.5	6	2.3	5.4	85	142	17	20	15	11	5	9	0	0	0	0	17	27	24	0	2.12			
LOTHIAN																																

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DECEMBER 1976

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	RELATIVE HUMIDITY	WIND DIRECTION	WIND VELOCITY	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE					AMOUNT (MM)	DATE	0.2 MM OR MORE	1.0 MM OR MORE													
6 SCOTLAND W																															
STRATHCLYDE																															
ACHALACHOACH	9 9	12	4.6	-0.6	2.0	-	8.0	14	-9.2	4	-	-	123	66	15	29	21	18	-	-	-	-	-	-	15	23	-	-	-	-	-
ARDS	9 9	37	5.1	-0.4	2.3	-	7.6	22.23	-7.5	4	-	-	106	-	31	29	22	19	-	-	-	-	-	15	22	-	-	-	-	-	-
AUCHINCRAIVE	9 9	45	4.2	-1.1	1.5	-3.0	6.9	23	-8.2	5	4.0	6.5	71	75	12	29	21	17	-	-	-	-	-	15	22	-	-	-	1.59	131	-
BARRHEAD	9 9	30	3.7	-2.0	0.9	-	7.0	23	-9.2	4	-	-	83	66	23	6	23	16	15	-	-	-	-	21	25	-	-	-	-	-	-
BENMORE (YOUNGER BOTANIC GARDEN)	9 9	12	3.8	-0.8	1.5	-	7.1	23	-7.6	4	-	-	151	60	29	29	24	21	-	-	-	-	-	16	23	-	-	-	-	-	-
BRODICK CASTLE	9 9	15	5.4	0.8	3.1	-	7.1	8.23	-5.6	4	4.2	-	160	80	51	29	24	22	-	-	-	-	-	11	21	-	-	-	-	-	-
CAMPS RESERVOIR	9 9	295	1.8	-2.8	-0.5	-	4.8	23	-12.5	3	-	-	78	63	14	30	22	16	22	25	25	0	2	23	-	-	-	-	-	-	-
CARNWATH	9 9	208	2.0	-4.6	-1.3	-	5.7	23	-16.2	5	3.1	-	49	62	7	6	25	18	15	20	0	3	0	4	25	29	28	0	-	-	-
COLONSAY	9 9	35	5.5	1.8	3.7	-	8.3	11	-5.2	4	-	-	109	-	14	28	21	18	-	-	-	-	-	8	-	-	-	-	-	-	-
CRAWFORD JOHN	9 9	274	2.0	-3.4	-0.7	-	5.4	23	-15.8	3	3.3	-	-	-	-	-	-	-	-	-	-	-	-	24	27	28	0	-	1.73	-	-
CUMBERNAULD	9 9	94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CUMNOCK	9 9	99	3.4	-2.7	0.3	-	6.8	23	-10.5	5	-	-	104	-	17	6	22	18	9	10	0	2	0	1	20	26	-	-	1.25	-	-
DUNSTAFFRAGE	9 9	3	5.3	-0.6	2.3	-	8.4	23	-7.0	4	-	-	77	-	21	29	21	12	5	0	0	0	1	18	30	-	-	-	-	-	-
EAST KILBRIDE	9 9	178	3.1	-1.6	0.7	-	6.2	23	-10.2	4	-	-	75	-	13	6	22	17	11	18	0	0	0	17	27	-	-	-	2.11	-	-
FINNART	9 9	15	-	-	-	-	-	-	-	-	-	-	143	68	29	19	21	18	-	-	-	-	-	-	-	-	-	-	-	-	-
GIRVAN	9 9	8	5.4	-0.5	2.5	-	7.9	23.27	-7.0	3.4	-	-	114	100	43	29	17	14	3	0	0	1	3	14	22	-	-	-	1.51	-	-
GLASGOW																															
ABBOTSLINCH AIRPORT	21-9	5	3.5	-1.5	1.0	-3.2	7.5	23	-8.6	5	-	-	75	-	14	6	24	16	17	6	0	3	0	6	20	23	24	0	1.73	177	-
SPRINGBURN PARK	9 9	107	3.0	-1.2	0.9	-2.6	7.0	24	-7.6	3	-	-	64	63	15	6	20	15	13	10	0	0	8	16	29	-	-	-	1.68	198	-
WEATHER CENTRE (X)	21-9	40	4.1	0.6	2.3	-	7.6	23	-6.7	4	-	-	61	-	15	6	21	14	11	-	-	-	-	-	-	-	-	-	-	1.78	-
GLENBRANTER	9 9	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GREENOCK	9 9	61	-	-	-	-	-	-	-	-	-	-	123	71	37	29	16	16	-	-	-	-	-	-	-	-	-	-	-	-	-
HELENSBURGH	9 9	89	3.3	-1.1	1.1	-2.8	7.0	14	-7.5	4	-	-	101	63	15	6	20	18	-	-	-	-	-	3	17	-	-	-	1.37	-	-
KNAPDALE FOREST	9 9	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LANARK	9 9	152	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LEADHILLS	9 9	388	1.5	-3.1	-0.8	-	3.8	13.14.23	-11.0	3	-	-	102	59	23	30	22	18	20	31	0	1	0	4	24	28	-	-	-	-	-
MACHRIHANISH	21-9	10	5.7	1.1	3.4	-	8.4	23	-6.0	4	-	-	100	76	12	5	23	19	11	0	5	1	0	8	17	15	3	1.58	-	-	-
MILLPORT	9 9	5	5.6	1.3	3.5	-	7.9	24	-2.5	4.30	-	-	72	69	151	29	19	17	4	-	-	-	-	-	-	-	-	-	-	-	-
PAISLEY	9 9	32	3.8	-0.7	1.5	-3.0	7.0	23	-7.7	4	2.6	6.8	81	68	15	6	22	15	7	6	1	0	5	14	22	-	-	-	1.65	190	-
PRESTWICK	21-9	16	3.9	-0.9	1.5	-	7.0	23	-9.2	5	-	-	67	74	8	29	22	17	12	1	0	5	0	16	21	23	0	-	1.17	-	-
RHUVAAL	21-9	20	6.0	2.6	4.3	-	9.2	23	-1.5	2.3	-	-	107	71	23	5	22	19	4	0	3	1	0	2	13	8	-	-	-	-	-
ROTHESAY	9 9	43	4.5	0.9	2.7	-	7.0	23	-4.5	5.4	5.6	5.9	133	90	34	29	21	20	4	0	0	0	0	8	22	-	-	-	-	-	-
SLOY	21-9	12	4.1	-0.2	1.9	-	7.3	23	-7.8	3	-	-	138	-	29	29	23	19	12	-	-	-	0	15	-	-	-	-	-	-	-
STRONACHULLIN	9 9	2	5.1	0.5	2.8	-	7.7	23	-6.6	4	-	-	139	-	38	29	22	19	3	1	0	2	0	12	18	-	-	-	-	-	-
TIRRE	21-9	9	5.9	2.8	4.3	-1.9	8.5	11	-2.9	4	-	-	85	66	16	7	24	19	10	0	15	0	0	5	13	13	3	0.90	96	-	-
CENTRAL																															
ARROCHMORE	9 9	30	4.1	-2.3	0.9	-	7.1	23	-10.0	4	-	-	101	-	19	6	20	15	-	5	-	-	-	1	23	24	-	-	1.38	-	-
CALLANDER	9 9	107	3.2	-1.7	0.7	-	6.1	23	-8.1	3	-	-	78	47	11	5	18	15	13	15	0	0	1	16	24	-	-	-	-	-	-
EARLS HILL	21-9	335	1.2	-2.0	-0.4	-	3.6	23	-6.8	3	-	-	125	-	32	6	19	15	13	-	0	0	10	24	27	26	1	1.87	-	-	-
FALKIRK (SEWAGE WORKS)	9 9	3	3.9	-1.1	1.4	-	7.0	23	-7.2	4	-	-	65	-	11	19	18	15	-	-	-	-	-	-	-	-	-	-	-	1.60	-
GRANGE MOUTH																															
B.P. REFINERY	9 9	2	4.7	-0.3	2.2	-	8.4	21	-7.5	4	-	-	63	-	11	19	19	14	-	-	-	-	-	14	-	-	-	-	-	-	-
PARKHEAD	9 9	107	3.7	-1.8	0.9	-	6.8	23	-8.5	3.4	2.0	-	67	-	(131)	19	17	15	-	17	-	-	-	7	20	-	-	-	-	-	-
STIRLING (BATTERFLATS)	9 9	38	3.0	-2.3	0.3	-	6.4	23	-9.8	3	2.7	5.4	78	-	18	6	18	14	8	22	0	1	0	4	20	25	-	-	1.64	-	-
DUMFRIES & GALLOWAY																															
BARRENNAN	9 9	110	3.9	-2.2	0.9	-	7.0	24	-10.2	4	-	-	115	64	25	29	21	17	9	8	0	2	0	22	24	-	-	-	-	-	-
CLATTERINGHAM	9 9	178	3.0	-1.4	0.8	-	5.5	23</																							

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DISTRICT REGION/COUNTY AND PLACE		MAX. MIN.	TERMINAL HEIGHT OF OBSERVATION (FEET)	AIR TEMPERATURE IN DEGREES C								MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL H 09 GMT)		WEATHER (NUMBER OF DAYS)										BRIGHT SUNSHINE							
				MEANS OF		DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY		PRECIP- ITATION	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	WIND DIRECTION & SPEED	WIND DIRECTION & SPEED	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE			
								MAX.	DATE	MIN.	DATE					AMOUNT	DATE																
				MAX. (A)	MIN. (B)																										MAX.	DATE	MIN.
2 ENGLAND E 4 NE -CONTINUED																																	
DURHAM		9 9	102	4.0	-0.5	1.7	-2.0	7.5	8	-5.0	29	3.3	6.2	51	96	11	19	24	13	-	9	-	-	-	-	5	16	28	-	-	1.55	103	-
DURHAM ...		9 9	377	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HOUGHALL ...		9 9	513	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WIDDYBANK FELL ...		9 9	513	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CLEVELAND																																	
HARTBURN GRANGE ...		9 9	31	3.8	-1.3	1.3	-	7.0	8	-8.8	29	-	-	44	98	12	19	16	9	3	6	0	0	0	0	3	0	19	28	-	-	1.38	-
HARTLEPOOL ...		9 9	9	4.4	0.6	2.5	-2.2	6.8	8	-5.3	29	-	-	56	114	11	19	16	12	3	7	0	0	0	0	0	11	-	-	-	1.59	-	
NORTH YORKSHIRE																																	
ASHKHAM BRYAN ...		9 9	34	3.9	-2.0	0.9	-	7.3	8	-7.3	29	-	-	71	148	18	17	17	11	3	7	0	0	0	0	6	24	29	-	-	1.74	138	S
CANWOOD ...		9 9	6	3.7	-0.7	1.5	-	7.2	8	-6.5	5	3.9	6.1	57	126	13	19	19	16	5	6	0	0	0	0	3	16	26	-	-	1.90	-	-
HIGH MOWTHORPE ...		9 9	175	2.5	-1.0	0.7	-	5.5	8	-6.3	5	2.6	6.1	91	130	16	16	18	13	8	13	0	0	0	0	5	16	27	-	-	1.56	-	-
LEEMING ...		21-9	32	3.7	-0.6	1.5	-	7.5	8	-7.0	29	2.6	6.2	68	123	12	19	19	16	14	7	0	0	0	0	6	15	27	25	0	-	1.81	-
MALHAM TARN ...		9 9	395	(1.4)	-2.2	(-0.4)	-	3.2	8	-6.8	4	(3.3)	-	79	54	15	6	20	15	4	31	0	0	0	0	5	26	29	-	-	0	-	-
PICKERING ...		9 9	44	3.7	-2.1	0.8	-	6.0	23.24	-8.0	29	-	-	70	113	12	31	22	13	10	7	0	2	0	1	20	27	-	-	1.62	136	S	
SCARBOROUGH ...		9 9	53	4.6	0.7	2.7	-	6.9	23	-8.0	29	2.8	6.0	86	146	15	16	20	11	8	4	0	1	0	0	10	27	-	-	1.59	-	-	
SILPHO MOOR ...		9 9	203	3.4	-0.8	1.3	-	5.5	14.22	-4.9	29	2.6	6.0	98	118	23	31	26	17	7	13	0	0	0	0	2	18	29	-	-	1.59	-	-
SWAIZEHOLME ...		9 9	290	2.1	-1.7	0.2	-	4.5	7	-6.3	29	2.9	-	70	-	12	31	21	14	12	14	0	1	0	0	8	27	27	-	-	0.90	-	-
WHITBY ...		9 9	40	4.3	0.3	2.5	-	6.6	25	-4.1	29	-	-	103	-	17	16	23	13	6	1	3	0	0	0	4	27	27	-	-	1.60	-	-
WHITBY (COASTGUARD)		21-9	60	4.4	0.8	2.6	-	6.7	25	-3.9	29	-	-	96	-	18	16	22	14	8	0	1	1	0	0	8	25	18	4	-	1.60	-	-
WHITBY (HESLINGTON)		9 9	20	3.8	-0.7	1.5	-	7.8	8	-6.8	5.29	3.4	5.6	53	109	13	19	18	12	4	7	0	0	0	5	13	22	-	-	1.92	-	-	
HUMBERSIDE																																	
BRIDLINGTON ...		9 9	48	4.3	-0.1	2.1	-	6.9	22	-5.0	29	-	-	81	124	19	31	18	13	4	0	0	3	0	1	14	26	-	-	2.03	-	-	
BRIGG ...		9 9	3	4.1	-0.6	1.7	-	7.1	8	-5.3	29	-	-	51	92	15	31	19	14	2	3	0	0	0	3	19	23	-	-	0	-	-	
CLEETHORPES ...		9 9	7	-	-	-	-	-	-	-	-	-	-	49	94	11	31	14	11	-	0	0	0	0	1	-	-	-	-	1.99	134	-	
HULL ...		9 9	2	4.7	0.2	2.5	-2.0	7.3	8	-3.7	29	3.5	6.8	59	110	16	31	17	9	2	3	0	0	0	0	12	24	-	-	2.11	185	-	
KILNSEA ...		21-9	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LINCOLNSHIRE																																	
BINBROOK ...		21-9	108	3.2	-0.4	1.4	-	6.3	8	-5.7	29	-	-	54	89	16	31	19	12	16	0	0	2	0	3	19	24	23	1	2.22	-	-	-
CAISTON ...		9 9	55	4.0	-0.8	1.6	-	7.0	8	-5.3	29	-	-	62	-	17	31	21	15	-	-	-	-	-	-	18	-	-	-	-	-	-	
CRANWELL ...		9 9	62	3.5	-1.1	1.2	-2.7	7.5	8	-4.8	4.29	2.4	5.0	61	136	17	31	20	11	11	4	0	0	0	6	24	27	26	1	2.23	132	-	-
KIRTON ...		9 9	4	3.7	-0.7	1.5	-	8.1	8	-4.2	29	4.1	7.4	68	-	19	31	16	10	2	3	0	0	0	6	21	28	-	-	2.31	-	-	
LITCOLN ...		9 9	7	3.8	-1.4	1.2	-2.5	8.4	8	-6.9	11	3.9	5.9	63	-	19	31	18	13	8	3	0	0	0	8	19	24	-	-	1.65	-	-	
SKEGNESS ...		9 9	5	4.7	0.5	2.6	-1.8	7.2	8	-4.0	29	-	-	64	125	18	31	17	12	0	0	0	0	0	0	11	21	-	-	2.44	161	-	
WADDINGTON ...		21-9	68	3.4	-0.2	1.6	-2.3	7.8	8	-4.3	5	-	-	65	135	19	31	20	14	13	1	0	0	0	6	18	25	24	0	2.12	140	-	-
3 EAST ANGLIA																																	
NORFOLK																																	
COLTISHALL ...		21-9	17	5.0	0.6	2.8	-	9.3	31	-4.5	29	-	-	48	86	10	17	20	12	10	0	0	2	0	3	14	19	18	0	-	-	-	-
COSTESSEY ...		9 9	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CROMER ...		9 9	54	5.3	0.9	3.1	-1.6	8.6	31	-5.7	29	-	-	60	101	13	31	20	11	3	-	0	0	0	2	8	21	-	-	2.77	171	-	-
EAST DEREHAM ...		9 9	53	(4.6)	-0.8	(1.9)	-	8.5	31	-5.5	15.29	-	-	48	-	14	31	17	10	4	1	0	0	0	2	21	23	-	-	0	-	-	
GORLESTON ...		21-9	4	5.6	1.0	3.3	-1.8	9.2	31	-3.4	29	4.6	7.6	48	86	12	17	12	9	2	1	0	0	0	2	10	-	-	5	2.33	145	-	-
HARHAM ...		21-9	23	4.1	-0.5	1.4	-	7.8	8	-7.4	29	-	-	52	-	17	31	10	17	10	8	1	0	0	5	16	20	22	0	-	1.97	-	-
HOLLEY ST BOTOLPH ...		9 9	48	3.9	-0.4	1.7	-	8.7	31	-4.9	29	3.1	-	37	-	10	17	16	7	5	1	0	1	0	5	17	25	-	-	2.06	-	-	
SANTON DOWNHAM ...		9 9	24	4.4	-2.1	1.1	-	8.9	31	-8.2	10	3.6	6.0	52	91	14	31	15	10	1	-	-	-	-	5	20	29	-	-	1.35	-	-	
SCOLE ...		9 9	27	4.5	-0.5	2.0	-	9.0	31	-5.4	29	2.6	5.1	41	-	13	17	15	9	6	0	0	0	0	3	17	24	-	-	2.19	-	-	
TERRINGTON ST CLEMENT		9 9	3	4.1	-0.4	1.9	-2.3	8.3	8	-4.6	29	3.3	-	65	135	20	31	18	11	1	0	0	0	0	4	16	25	-	-	2.25	158	-	-
CAMBRIDGESHIRE																																	
BOXMOUTH ...		9 9	44	4.0	-0.6	1.7	-	7.6	22	-5.8	29	-	-	72	157	18	31	16	13	3	5	0	0	0	7	19	24	-	-	1.95	-	-	
CAMBRIDGE																																	
BOTANIC GARDEN ...		9 9	12	(4.6)	(-0.7)	(1.9)	(-2.3)	8.4	7	-6.8	29	(3.4)	(6.8)	74	162	18	31	17	13	3	0	0	0	1	2	17	(25)	-	-	0	-	-	
NATIONAL INSTITUTE OF AGRICULTURAL BOTANY		9 9	26	4.5	-0.3	2.1	-	8.2	7	-6.0	29	-	-	75	166	17	31	13	12	1	1	0	0	0	0	13	26	-	-	1.97	-	-	
MARCH ...		9 9	2	4.2	-0.6	1.8	-	8.1	8	-5.2	29	-	-	67	143	18	31	14	11	-	0	0	0	0	0	17	-	-	-	0	-	-	
MEPAL ...		9 9	-2	4.0	-0.8	1.6	-	7.9	7	-5.8	5	-	(9.2)	69	-	17	31	15	12	2	1	0	0	0	5	16	24	-	-	1.95	-	-	
MONKS WOOD ...		9 9	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WITTERING ...		9 9	73	3.7	-0.5	1.6	-	8.1	8	-6.0	29	-	-	66	-	18	31	13	10	2	2	0	0	0	7	19	22	-	-	2.38	-	-	
WYTON ...		21-9	40	4.0	0.0	2.0	-	8.0	22	-5.3	29	-	-	70	156	19	31	15	11	9	2	0	2	0	6	14	25	25	0	-	-	-	
SUFFOLK																																	

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DECEMBER 1976

DISTRICT REGION/COUNTY AND PLACE	MAX. TEMP. OF OBSERVATION	MIN. TEMP. OF OBSERVATION	HEIGHT OF STATION (METRES)	AIR TEMPERATURE IN DEGREES C								MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL H 09 GMT)		WEATHER (NUMBER OF DAYS)												BRIGHT SUNSHINE						
				MEANS OF		DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY		PRECIP- ITATION	0.2 MM OR MORE	1.0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	DEW PT. BELOW 0° DEG C	RELATIVE HUMIDITY BELOW 60% C	WIND DIRECTION C	WIND SPEED C	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE
				MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE					AMOUNT (MM)	DATE																	
4 MIDLAND COUNTIES																																		
WEST YORKSHIRE																																		
BRADFORD ...	9	9	134	3.4	-0.5	1.5	-2.4	7.1	8	-4.4	29	2.9	6.2	75	86	11	6	19	15	12	0	0	0	5	13	25	0	0	1.48	174	5			
BRAMHAM ...	9	9	54	3.8	-0.5	1.7	-	7.5	8	-3.9	29	-	-	69	128	15	19	20	13	9	4	0	0	5	6	16	30	0	0	-	-	-		
HUDDESFIELD																																		
OKES ...	21-9	232	2.9	-0.2	1.3	-2.4	6.5	8	-3.9	28-29	2.6	5.3	83	83	17	6	21	15	17	7	0	0	1	9	14	22	26	1	1.94	158	-	-		
RAVENSKNOLLE ...	9	9	99	4.2	0.1	2.1	-2.0	7.4	8	-3.5	29	3.0	5.9	77	102	15	6	21	15	8	1	0	0	0	6	12	23	0	0	2.03	221	-		
ILKLEY ...	9	9	83	3.5	-0.3	1.6	-2.2	7.0	8	-5.0	29	-	-	96	109	14	6	18	17	8	2	0	0	0	9	13	19	0	0	1.44	123	-		
TODMORDEN ...	9	9	160	3.3	-0.9	1.2	-	6.9	8	-7.0	4	-	-	98	-	19	6	24	18	18	5	1	2	0	6	18	-	0	0	-	-	-		
PONTERFRACT ...	9	9	78	3.8	0.2	2.0	-2.1	7.4	8	-3.4	29	-	-	51	118	13	19	19	14	11	2	0	0	4	11	21	26	0	0	-	-	-		
WILSON ...	9	9	262	2.7	-1.0	0.9	-	6.4	8	-4.8	29	-	-	81	-	16	6	21	17	15	11	0	1	0	10	21	26	26	0	0	-	-	-	
SOUTH YORKSHIRE																																		
FINNINGLEY ...	21-9	10	4.1	-0.3	1.9	-	8.3	8	-5.0	5	-	-	50	115	17	31	14	10	9	0	0	0	0	3	19	24	23	0	2.14	-	-	-		
SHEFFIELD ...	9	9	131	3.7	0.3	2.0	-2.6	7.1	8	-3.1	29	3.3	6.5	75	102	15	31	22	13	7	4	0	0	-	10	-	-	0	1.78	156	5			
DERBYSHIRE																																		
ASHOVER ...	9	9	178	3.4	-0.5	1.5	-	6.5	8	-4.8	29	-	-	80	-	18	31	21	13	16	9	0	3	0	7	17	23	-	0	1.90	-	-	-	
BUXTON ...	9	9	307	2.4	-1.2	0.6	-2.3	5.3	8	-6.8	29	2.2	4.0	105	75	13	6	22	18	17	14	0	0	0	11	23	28	-	0	-	-	-		
DERBY ...	9	9	48	4.3	-0.7	1.8	-	8.7	8	-5.1	4	-	-	59	99	14	31	17	15	5	0	0	1	5	17	26	-	0	1.15	-	-	-		
MORLEY ...	9	9	107	3.8	-1.2	1.3	-	8.4	22	-6.1	6	-	-	34	55	10	17	14	7	1	0	0	0	-	23	27	-	0	-	-	-	-		
WINGERWORTH ...	9	9	126	3.6	-0.9	1.3	-	7.2	8	-5.1	4,10	3.6	-	69	-	15	31	22	14	12	4	0	0	0	10	20	27	-	0	2.14	-	-	-	
NOTTINGHAMSHIRE																																		
MANSFIELD ...	9	9	114	-	-	-	-	-	-	-	-	-	-	66	-	15	31	15	14	-	-	-	-	-	-	-	-	-	-	-	-	-		
NEWTHORPE ...	9	9	58	-	(-1.2)	-	-	-	-	-5.0	3,4,5	-	-	-	-	-	-	-	-	-	-	-	-	-	211	-	-	-	-	-	-	-		
NOTTINGHAM ...	9	9	59	4.4	0.0	2.2	-2.3	8.5	8	-5.5	4	2.8	5.4	64	134	17	31	16	12	4	0	0	0	10	8	26	-	0	1.53	135	-			
SUTTON BONINGTON ...	9	9	48	4.1	-0.5	1.7	-2.4	8.7	8	-5.5	4	3.7	6.1	69	133	16	31	17	12	3	0	0	0	3	16	25	24	0	(1.56)	(128)	-	-		
WARSOP ...	9	9	46	3.9	-0.7	1.6	-	8.4	8	-5.3	4	-	-	67	137	18	31	16	13	7	2	0	0	9	15	26	-	0	1.97	-	-	-		
WATNALL ...	21-9	117	3.8	-0.3	1.7	-2.3	7.9	8	-5.5	4	-	-	-	63	102	13	31	17	12	15	1	0	2	0	7	18	24	24	0	1.57	128	-	-	
STAFFORDSHIRE																																		
KEELE ...	9	9	179	3.0	-1.3	0.9	-	7.2	8	-8.8	4	3.0	6.3	64	86	17	20	21	15	9	6	0	0	8	19	24	25	0	1.03	-	-	-		
ORKEN ...	9	9	125	3.6	-1.3	1.1	-2.6	8.4	8	-7.1	4	4.0	-	59	96	12	31	16	12	5	2	0	0	9	21	26	-	0	-	-	-	-		
PENKEDGE ...	9	9	101	3.9	-1.8	1.1	-	8.6	8	-7.4	4	-	-	57	93	13	31	16	12	9	2	0	0	5	25	25	-	0	-	-	-	-		
STONE ...	9	9	107	3.1	-1.6	0.7	-	7.8	8	-7.8	4	-	-	67	99	20	20	20	13	13	6	0	0	10	24	27	-	0	(1.01)	-	-	-		
LEICESTERSHIRE																																		
CALDECOTT ...	9	9	52	4.0	-1.1	1.5	-	7.9	8	-6.5	29	-	-	69	144	16	31	15	12	1	0	0	0	5	18	25	-	0	1.65	-	-	-		
NEWTOWN LINCOLN ...	9	9	119	3.8	-1.2	1.3	-	7.9	8	-6.3	29	-	-	81	143	17	31	17	15	6	4	0	1	7	21	23	-	0	1.94	-	-	-		
SALOP																																		
NEWPORT ...	9	9	64	4.1	-1.3	1.4	-2.5	8.0	8	-6.1	5	-	-	50	88	11	31	19	11	10	1	0	1	5	19	27	-	0	1.56	125	5			
OSWESTRY ...	9	9	174	4.0	-0.4	1.8	-2.5	8.6	8	-4.2	4	-	-	94	109	17	6	17	13	13	6	0	0	1	5	15	29	-	0	1.97	125	-		
SHAWBURY ...	21-9	72	4.5	-1.3	1.6	-2.6	9.0	8	-7.5	29	-	-	-	47	79	9	31	15	13	11	1	0	1	5	21	24	23	0	1.72	124	-	-		
SHREWSBURY ...	9	9	56	4.8	-0.8	2.0	-2.5	9.0	8	-5.8	4	2.6	6.3	44	79	10	31	15	13	7	1	0	0	6	19	26	-	0	1.92	128	-	-		
WEST MIDLANDS																																		
BIRMINGHAM																																		
EDGBASTON ...	21-9	163	3.6	0.1	1.9	-2.6	8.4	8	-4.6	4	5.0	-	-	85	119	16	20	15	12	13	9	0	1	5	12	25	24	0	2.15	159	-	-		
ELMDON AIRPORT ...	21-9	96	4.1	-1.1	1.5	-2.6	8.9	8	-7.1	4	-	-	-	81	-	17	20	14	11	11	6	0	2	5	22	22	22	0	2.25	167	-	-		
KING EDWARD SCHOOL ...	9	9	137	4.0	-0.7	1.7	-	8.5	8	-4.9	4	-	-	102	152	21	18	13	12	-	8	-	-	5	19	-	-	-	-	-	-	-		
COVENTRY AIRPORT ...	9	9	81	3.9	-1.8	1.1	-	8.6	8	-8.8	29	4.3	6.0	87	-	18	31	15	12	5	5	0	0	4	23	-	-	0	1.59	-	-	-		
WARWICKSHIRE																																		
LONG LAMFORD ...	9	9	87	3.9	-1.5	1.2	-	8.8	8	-8.1	4	3.0	-																					

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DECEMBER 1976

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 1951-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		% CH DEGREES C	100 CH DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1951-70 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	WIND DIRECTION AND SPEED	WIND DIRECTION AND SPEED	WIND DIRECTION AND SPEED	WIND DIRECTION AND SPEED	WIND DIRECTION AND SPEED	WIND DIRECTION AND SPEED	WIND DIRECTION AND SPEED	WIND DIRECTION AND SPEED	WIND DIRECTION AND SPEED	WIND DIRECTION AND SPEED	WIND DIRECTION AND SPEED	WIND DIRECTION AND SPEED	WIND DIRECTION AND SPEED	WIND DIRECTION AND SPEED	WIND DIRECTION AND SPEED	WIND DIRECTION AND SPEED	WIND DIRECTION AND SPEED	WIND DIRECTION AND SPEED	WIND DIRECTION AND SPEED	WIND DIRECTION AND SPEED	WIND DIRECTION AND SPEED	WIND DIRECTION AND SPEED	WIND DIRECTION AND SPEED	WIND DIRECTION AND SPEED	WIND DIRECTION AND SPEED	WIND DIRECTION AND SPEED	WIND DIRECTION AND SPEED	WIND DIRECTION AND SPEED	WIND DIRECTION AND SPEED	WIND DIRECTION AND SPEED	WIND DIRECTION AND SPEED	WIND DIRECTION AND SPEED	WIND DIRECTION AND SPEED	WIND DIRECTION AND SPEED	WIND DIRECTION AND SPEED	WIND DIRECTION AND SPEED	WIND DIRECTION AND SPEED	WIND DIRECTION AND SPEED	WIND DIRECTION 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TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DECEMBER 1976

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	PRECIP- ITATION		SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	DEW POINT BELOW 0 DEG C	WIND CHILL BELOW 0 DEG 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															
7A ENGLAND NW & I.O.M.																																		
CUMBRIA																																		
CARLISLE ...	21-9	26	3.5	-0.8	1.3	-	7.4	23	-9.9	5	3.7	6.2	48	64	11	30	19	13	16	1	2	0	1	2	13	27	24	0	1.69	-	-			
CARTMEL ...	9 9	34	4.3	-2.1	1.1	-	7.3	8	-8.6	4	-	-	58	8	8	15	18	14	1	0	2	2	0	1	17	24	30	0	0	0	0			
GRIZEDALE ...	9 9	91	-	(-2.7)	-	-	-	-	-10.2	4	3.2	-	93	43	18	6	19	18	10	11	3	0	0	2	17	30	-	0	0	0	0			
HEVERSHAM ...	9 9	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
MOOR HOUSE ...	9 9	556	0.5	-3.7	-1.6	-	2.5	13	-9.7	29	2.7	-	302	148	47	6	25	20	21	31	1	1	1	13	29	31	1	0.99	-	-	-			
NEWTON RIGG ...	9 9	171	2.8	-2.1	0.3	-3.1	5.2	8	-12.4	4	2.7	-	91	86	13	30	18	15	9	12	0	0	3	22	27	0	0	1.41	118	5	-			
SELLAFIELD ...	9 9	13	(5.8)	(0.6)	(3.2)	-	9.1	23	-7.0	5	-	-	89	85	17	26	17	15	-	-	-	-	2	101	191	-	-	(1.59)	-	-	-			
LANCASHIRE																																		
BAILRIGG ...	9 9	53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
HELMSHORE ...	9 9	260	2.8	(-1.0)	(0.9)	-	5.8	8	-6.4	5	3.6	-	101	63	22	6	22	16	12	18	1	0	0	5	18	29	0	0	0.95	-	5	-		
KIRKHAM ...	9 9	24	4.1	(-0.5)	(1.8)	-	7.8	8	(-6.6)	5	-	-	60	66	8	20	17	14	5	2	1	1	0	2	11	-	0	1.42	-	-	5	-		
MORECAMBE ...	9 9	7	4.6	-0.2	2.2	-2.5	7.6	22	-7.6	4	-	-	53	54	9	7	17	11	2	1	1	0	1	2	11	-	0	1.32	106	-	-	-		
NELSON ...	9 9	165	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
PRESTON ...	9 9	33	4.3	-0.2	2.1	-	8.0	8	-6.0	3	-	-	61	62	9	7	20	12	5	2	2	3	1	5	13	22	0	0	-	-	-	-		
SLAIDBURN ...	9 9	192	3.0	-1.0	1.0	-	5.7	7	-6.2	29	-	-	74	43	11	5	21	15	11	3	0	1	0	3	17	26	0	0	1.69	-	-	-		
SQUIRES GATE AIRPORT ...	21-9	10	4.7	0.4	2.5	-2.3	8.4	8	-6.9	3	-	-	61	74	9	20	17	14	16	0	0	7	1	5	18	18	0	0	1.43	103	-	-		
STONTHURST ...	9 9	115	3.4	-0.9	1.3	-2.6	6.6	8	-7.9	4	-	-	66	52	11	7	19	15	-	-	-	-	5	18	25	-	-	1.14	97	-	-	-		
MERSEYSIDE																																		
RIGBURTH ...	9 9	12	4.8	0.6	2.7	-	8.6	8	-5.3	3	-	-	67	-	12	6	18	15	7	0	1	1	3	8	-	0	-	-	-	-	-	-		
ST HELENS ...	9 9	76	(4.4)	(-0.4)	(2.0)	-	8.0	8	-6.1	3	(2.8)	-	82	-	13	6.20	20	15	-	-	-	-	-	16	-	-	0	(0.84)	-	-	-	-		
SOUTHPORT ...	9 9	5	4.6	-0.6	2.0	-2.6	8.0	8	-6.2	4	3.7	8.5	70	90	9	7	15	12	-	-	-	-	-	14	20	-	0	1.15	85	-	-	-		
SPEKE AIRPORT ...	21-9	22	4.1	0.3	2.2	-2.9	8.5	8	-5.7	3	-	-	68	-	17	6	17	12	19	1	4	2	1	6	13	23	22	0	1.27	98	-	-	-	
WEST KIRBY PARK ...	9 9	8	5.5	0.5	3.0	-2.1	8.8	22	-5.7	4	-	-	66	96	11	27	23	16	0	0	1	0	1	-	10	22	-	0	-	-	-	-	-	
GREATER MANCHESTER																																		
BOLTON ...	9 9	107	3.8	-1.2	1.3	-	7.5	8	-7.0	3.4	4.2	6.3	92	-	32	1	19	16	4	2	0	0	0	8	16	23	-	0	0.94	108	-	-	-	
MANCHESTER ...	9 9	107	3.8	-1.2	1.3	-	7.5	8	-7.0	3.4	4.2	6.3	92	-	32	1	19	16	4	2	0	0	0	8	16	23	-	0	0.94	108	-	-	-	
RINGWAY AIRPORT ...	21-9	75	3.8	0.5	2.1	-2.2	8.0	8	-3.4	29	-	-	67	87	16	6	16	14	20	2	0	3	0	5	12	20	18	0	1.45	120	-	-	-	
WEATHER CENTRE (X) ...	21-9	69	4.8	1.6	3.2	-	8.4	8	-3.2	4	-	-	70	-	17	6	18	11	-	-	-	-	4	8	-	-	0	1.04	-	-	-	-	-	
CHESHIRE																																		
KNUTSFORD ...	9 9	65	(3.6)	(-0.8)	(1.4)	-	7.4	22	-5.1	3.4	(3.7)	(5.9)	73	92	15	6	18	16	4	2	0	0	0	4	16	(26)	-	0	-	-	-	-	-	
MACCLESFIELD ...	9 9	152	3.2	-0.9	1.1	-2.7	7.0	22	-7.0	4	-	-	69	77	12	27	20	15	10	2	0	0	0	9	17	-	0	-	-	-	-	-	-	
NESS GARDENS ...	9 9	55	4.6	-0.2	2.2	-	7.9	22	-6.5	4	3.8	-	70	104	14	6	18	16	5	0	0	2	1	3	13	29	-	0	1.17	-	-	-	-	
WINNINGTON ...	9 9	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
ISLE OF MAN																																		
DOUGLAS ...	9 9	87	5.7	2.1	3.9	-2.0	9.0	13	-2.2	3	-	-	83	66	12	5	18	12	3	0	4	0	1	0	4	13	-	3	1.75	114	-	-	-	
POINT OF AYRE ...	21-9	9	6.1	2.9	4.5	-2.0	10.6	13	-3.0	3	-	-	86	101	24	30	19	15	2	0	1	0	0	0	3	-	3	1.64	113	-	-	-	-	
RONALDSWY AIRPORT ...	21-9	16	6.4	2.6	4.5	-2.0	9.8	13	-3.9	3	-	-	86	101	24	30	19	15	2	0	1	0	0	0	3	-	3	1.64	113	-	-	-	-	
7B WALES N																																		
GWYNEDD																																		
ABER ...	9 9	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
BALA ...	9 9	163	4.4	-1.7	1.3	-	8.6	22	-8.0	4	3.0	5.4	105	71	31	6	17	10	6	1	1	0	1	3	17	29	28	0	1.00	-	-	-	-	
BARDSEY ISLAND ...	21-9	16	7.2	4.5	5.9	-	9.5	22.23	1.9	28	-	-	76	78	11	30	18	14	0	0	1	1	2	0	0	0	0	0	0	0	0	0	0	
BOTWNOG ...	9 9	34	6.6	1.1	3.9	-	9.0	1	-3.2	16	5.1	8.4	74	60	14	30	19	15	3	0	3	0	0	0	11	22	-	3	1.80	-	-	-	-	
CWMYSTADOLLYN ...	9 9	204	5.0	0.8	2.9	-	8.0	22.23	-3.0	29	-	-	91	-	14	30	20	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LLYN ALAW ...	9 9	44	5.9	1.3	3.6	-	9.0	22	-3.0	4	-	-	79	-	14	30	22	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PEN-Y-FFRIDD ...	9 9	84	5.9	0.9	3.4	-	11.3	23	-2.7	17	-	-	87	74	18	5	16	12	3	1	0	6	1	0	10	30	-	3	1.45	-	-	-	-	
TRANSFYNYDD ...	9 9	193	(4.6)	(-0.1)	(2.3)	-	8.4	22	-5.0	4	-	-	94	49	25	6	17	14	-	4	-	0	0	0	0	12	(24)	(24)	0	-	-	-	-	-
VALLEY ...	21-9	10	6.8	2.5	4.7	-1.8	9.9	22	-1.8	17	-	-	57	61	19	30	16	12	5	0	0	8	2	0	3	15	12	5	1.83	114	-	-	-	-
CLWYD																																		
ALWEN ...	9 9	335	2.6	-1.5	0.1	-	6.2	22	-10.5	4	-	-	102	72	29	6	20	12	-	-	-	-	-	25	31	-	-	-	-	-	-	-	-	
BWLCHGWYN ...	9 9	386	2.2	-2.2	0.1	-	6.0	8	-5.0	28.29	3.2	-	119	108	29	6	17	16	11	19	0	0	1	7	19	24	-	0	-	-	-	-	-	
BOLWYN BAY ...	9 9	24	5.5	2.0	3.7	-	8.8	22	-1.9	4	4.9	-	91	107	15	30	18	11	1	0	2	0	0	0	0	-	0	0	1.49	114	5	-	-	-
CORNWEN ...	9 9	144	4.5	-1.7	1.4	-	8.0	22	-8.3	4	-	-	95	81	27	6	20	8	9	5	0	0	0	0	21	27	-	0	-	-	-	-	-	
HAWARDEN BRIDGE ...	9 9	5	4.8	0.2	2.5	-2.4	9.1	8	-6.2	4	-	-	84	127	25	6	23	19	8	0	0	1	0	1	11	-	0	0	-	-	-	-	-	
LOGGERHEADS ...	9 9	210	3.9	-1.4	1.3	-	7.7	13.22	-9.5	4	3.9	5.9	94	109	29	6	18	13	16	13	0	0	2	1	21	28	-	0	0.95	-	-	-	-	
RUTHIN ...	9 9	76	4.8	-0.1	2.3	-	8.7	8	-6.5	4	-	-	80	107	31	6	13	11	4	1	0	0	0	2	13	-	0	1.81	-	-	-	-	-	
PONYS(NORTH)																																		
CAEINWS ...	9 9	61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LAKE VYRNWY ...	9 9	303	2.9	-1.5	0.7	-2.8	7.0	22	-6.6	4	2.3	-	92	48	26	6	18	13	17	12	4	0	1	7	22	29	-	0	-	-	-	-	-	
NOEL CYNNEDD ...	9 9	358	2.3	-2.0	0.1	-	6.6	22	-7.4	4	(3.8)	-	151	-	27	7	20	17	11	14	0	4	0	2	24	(31)	-	0	-	-	-	-	-	-
7B WALES S																																		
DYFED																																		
ABERPORTH ...	21-9	134	5.4	-2.1	3.7	-2.2	8.9	22	-2.8	29	-	-	83	81	14	30	19	16	10	1	7	0	3	1										

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

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DECEMBER 1976

DISTRICT REGION/COUNTY AND PLACE	MAX. TERMINAL ALTITUDE (M)	MIN. TERMINAL ALTITUDE (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	PRECIP- ITATION (MM)	DATE											DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE					
				MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE							MOST IN A DAY	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 FROST BELOW 0 DEG C	CONCRETE MIN BELOW 0 DEG C	DALE		
BA WALES S CONTINUED																																			
WEST GLAMORGAN																																			
MUMBLES HEAD	21-9	36	6.5	2.7	4.6	-	-	9.4	8	-2.0	28.29	-	-	-	-	-	-	5	15	11	4	1	0	0	0	0	1	11	23	-	9	6	-	-	-
NEATH	9 9	62	6.0	0.5	3.3	-	-	9.7	22	-6.0	29	-	-	87	61	16	1	18	13	3	0	1	3	3	0	0	0	6	20	21	3	2.10	-	-	-
PENMAEN	9 9	85	6.1	1.6	3.9	-	-	9.1	22	-3.8	29	5.2	7.1	98	75	22	1	18	13	3	0	1	3	3	0	0	0	6	20	21	3	2.10	-	-	-
PORT TALBOT	9 9	7	7.2	1.3	4.3	-	-	10.0	22	-5.9	29	-	-	98	79	17	1	16	11	2	1	3	0	2	0	0	0	10							
SWANSEA	9 9	8	6.6	1.7	4.1	-2.2	-	9.7	8	-4.0	29	3.4	7.5	1001	176	18	1	17	12	1	0	0	0	0	0	0	9	17							
MID GLAMORGAN																																			
ABERGARE	9 9	174	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	20	13	9	0	2	0	0	7	22									
LLWYNON	9 9	242	3.8	-1.5	1.1	-	-	7.6	22	-9.0	29	-	-	129	63	23	1	18	13	3	0	1	3	3	0	0	6	20	21	3	2.10	-	-	-	
PORHCRAWL	9 9	6	6.5	1.2	3.9	-	-	9.3	22	-4.3	29	-	-	112	101	23	1	15	13		-	-	-	-	-	-	9								
SOUTH GLAMORGAN																																			
BRIDGEND	9 9	43	5.9	-0.4	2.7	-	-	8.6	5.6	-7.4	29	4.7	8.0	95	-	16	1	17	12	-	-	-	-	-	-	-	14	26							
RHOSE AIRPORT	21-9	67	5.1	0.8	2.9	-	-	9.2	22	-5.9	29	-	-	90	-	21	1	14	13	3	2	4	3	1	2	13	19	17	0	1.87	-	-	-	-	
GWENT																																			
CRUMBLAND	9 9	245	3.8	-0.5	1.7	-	-	8.3	8	-5.1	29	3.2	5.5	129	120	19	5	15	14	7	9	0	0	0	0	10	19	28							
NEWPORT	9 9	23	5.2	-0.2	2.5	-	-	9.1	22	-7.5	29	-	-	101	90	21	17	14	12	3	1	0	0	0	0	3	13	21							
USK	9 9	21	5.2	-1.7	1.7	-3.0	-	10.3	8	-7.5	29	4.1	-	122	111	17	5	14	13	2	3	0	0	0	0	-	21	25							
BB ENGLAND SW																																			
AVON																																			
BATH	9 9	118	4.8	0.0	2.4	-	-	11.0	22	-6.5	29	4.7	-	116	149	17	31	15	15	1	0	0	0	0	5	13									
FILTON	21-9	59	4.7	-0.1	2.3	-2.8	-	9.9	22	-6.7	29	-	-	122	155	25	18	15	12	6	3	2	1	0	3	14	22	21	0	1.65					
LONG ASHTON	9 9	51	5.2	-0.5	2.3	-2.9	-	10.2	22	-6.8	29	3.9	-	117	137	15	31	15	14	4	1	0	1	0	3	14	24								
SOMERSET																																			
CANNINGTON	9 9	23	5.6	0.3	2.9	-2.8	-	10.0	8	-6.1	29	4.4	-	138	192	31	1	19	16	1	0	0	0	1	1	14									
OWNSIDE ABBEY	9 9	183	4.3	-1.1	1.6	-	-	8.6	22	-9.9	29	-	-	141	125	18	31	16	15	3	5	0	0	0	3	18									
EXTON	21-9	335	4.1	-0.2	1.9	-	-	7.7	22	-7.6	29	-	-	140	-	23	1	20	17	19	5	0	1	3	9	19	23	20	0						
HAWKRIIDGE	9 9	314	4.5	-0.4	2.1	-	-	7.9	22	-9.2	29	-	-	147	80	26	1	20	18	7	3	1	1	0	8	14	25								
NETTLECOMBE	9 9	96	5.9	0.1	3.0	-	-	9.6	22	-6.8	29	5.0	-	131	-	17	7	17	16	1	0	0	0	0	2	12	24								
RODNEY STOKES	9 9	40	5.1	-0.2	2.5	-	-	10.8	22	-6.5	4.29	5.2	7.8	106	117	20	1	15	14	1	0	0	0	0	3	14	23								
WINCANTON	9 9	114	5.2	-1.4	1.9	-	-	9.6	8	-9.5	29	-	-	123	127	20	1	16	16	1	3	0	0	0	9	18	21								
YEOWILTON	21-9	18	5.2	-0.2	2.5	-	-	10.2	8.22	-9.5	29	-	-	108	141	24	1	18	14	2	1	0	0	0	4	14	20	20	0						
DORSET																																			
BOURNEMOUTH																																			
HURN AIRPORT	21-9	10	5.8	-0.1	2.9	-	-	10.6	6	-8.3	29	-	-	126	148	20	31	13	11	2	0	0	3	4	3	18	20	20	0	1.73					
MEYRICK PARK	9 9	40	6.0	0.3	3.1	-2.4	-	10.6	6	-5.9	29	4.3	6.9	132	159	22	31	13	11	1	1	1	1	2	1	12	20								
CHRISTCHURCH	9 9	3	6.3	(0.3)	(3.3)	-	-	10.7	6	-6.0	5.6	-	-	119	143	25	31	13	12	2	1	0	2	4	15	20									
POOLE	9 9	5	6.1	0.2	3.1	-2.2	-	10.6	6	-6.7	29	7.6	7.2	136	166	21	1	13	12	1	0	2	0	1	1	14	19								
PORTLAND BILL (COASTGUARD)	21-9	53	7.1	3.6	5.3	-2.2	-	10.5	6	-1.1	29	-	-	126	-	21	17	13	9	2	0	0	0	3	1	4	8	8	6	1.82					
SWANAGE	9 9	11	7.1	1.9	4.5	-1.8	-	10.9	6	-4.6	29	-	8.6	117	132	26	1	14	11	2	0	0	2	2	1	10	13								
WEYMOUTH	9 9	23	7.3	1.4	4.3	-	-	10.9	6	-5.7	29	-	-	110	-	22	1	16	12	1	0	0	0	1	0	8									
WIMBORNE	9 9	26	6.6	-0.1	3.3	-	-	11.0	6	-7.5	30	-	-	125	128	23	1	14	12	0	0	0	0	0	3	18	22								
DEVON																																			
CHELDON BARTON	9 9	164	5.5	-0.1	2.7	-	-	9.4	8	-7.2	29	5.3	-	106	-	19	1	18	15	3	0	1	1	0	1	13	17								
EXETER AIRPORT	21-9	32	5.9	1.0	3.5	-2.4	-	10.8	22	-6.8	29	-	-	116	143	16	5	15	15	4	0	0	1	1	1	12	21	15	0	1.78					
EXMOUTH	9 9	59										-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
HARTLAND POINT	21-9	91	6.6	3.6	5.1	-1.9	-	10.4	22	-1.1	29	-	-	95	101	17	1	18	14	3	0	6	1	0	0	1	4	3	7	1.78					
ILFRACOMBE	9 9	8	7.1	3.6	5.3	-	-	10.1	22	-0.8	29	5.3	9.3	154	-	28	1	19	19	0	0	0	0	0	0	1									
NEWTON ABBOT	9 9	83										-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
PLYMOUTH																																			
MOUNT BATTEN	21-9	27	7.5	2.6	5.1	-2.0	-	11.0	22	-5.5	29	-	-	116	106	17	17	20	18	1	0	0	4	1	0	10	15	12	4	1.85					
THE MOE	9 9	36	7.2	2.0	4.6	-2.5	-	10.5	5	-5.4	29	5.6	8.3	108	101	17	17	18	17	0	0	0	1	0	0	10	18								
PRAMLE POINT	21-9	59										-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
PRINCETOWN	9 9	414	3.8	-0.2	1.8	-	-	7.5	22	-5.8	29	-	-	179	-	23	5	19	16	2	5	1	0	0	7	12	21								
SLAPTON	9 9	32	7.5	2.8	5.1	-	-	10.2	8.22	-2.4	29	-	-	131	110	22	31	18	16	0	0	2	0	2	0	4	16								
STARCROSS	9 9	9	6.6	0.8	3.7	-2.4	-	10.6	8	-6.1	29	4.9	-	131	154	21	17	19	15	1	0	0	0	1	1	13	21								

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DECEMBER 1976

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. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE																						
NORTHERN IRELAND																																
LONDONDERRY																																
AGHANLOO ...	9 9	18	5.3	0.2	2.7	-	7.6	22	-8.0	5	-	-	52	7	19	20	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BANAGHER(CAUGH HILL) ...	9 9	216	4.2	-0.8	1.7	-	7.0	23	-6.4	3	-	-	125	18	15	28	20	14	13	0	0	0	0	1	21	25	-	-	-	1.51	-	
CARMONEY ...	9 9	73	5.1	-0.6	2.3	-	8.5	26,28	-7.0	5	-	-	64	7	19	23	17	5	1	0	0	0	0	2	19	26	-	-	-	1.40	-	
COLERAINE UNIVERSITY ...	9 9	23	4.6	-0.3	2.1	-	7.9	7	-7.5	4	3.6	6.9	92	20	19	23	18	8	5	1	1	0	6	11	25	-	-	-	-	91	-	
COOLKEEPAGH ...	9 9	3	5.1	0.0	2.5	-	7.7	22	-6.3	5	-	-	47	11	19	13	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DERRYNODD FOREST ...	9 9	88	3.9	-1.0	1.5	-	7.5	23	-7.8	4	-	-	132	98	26	19	26	20	5	5	0	0	0	2	20	28	-	-	-	-	-	
GARYVAGH FOREST ...	9 9	88	3.9	-0.9	1.5	-	8.2	23	-8.0	4	2.8	6.2	121	93	19	21	17	9	6	3	0	0	0	0	18	27	-	-	-	-	-	
LGUGHMORE FOREST ...	9 9	174	3.8	-1.6	1.1	-	7.6	23	-10.5	4	-	-	99	78	15	15	24	17	16	16	0	1	0	0	4	15	27	-	-	-	-	
MONEYDIG ...	9 9	34	4.8	-0.9	1.9	-2.6	8.6	23	-7.5	4	6.5	-	105	94	18	19	22	17	11	8	0	2	0	4	15	27	-	-	-	-	-	
SOMERSET FOREST ...	9 9	43	4.7	-0.4	2.1	-	8.8	24	-6.4	4	-	-	92	85	19	19	20	16	6	-	-	-	-	-	-	-	-	-	-	-	-	
TRAOD POINT ...	9 9	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ANTRIM																																
ALDERGROVE AIRPORT ...	21-9	68	4.1	0.3	2.2	-2.4	9.2	23	-5.2	28	4.4	7.9	69	75	19	16	17	12	12	0	0	0	4	15	20	-	-	-	1.21	108	-	
ALTNAMINCH ...	9 9	226	3.6	-0.6	1.5	-	7.8	14	-6.5	4	-	-	131	82	17	16	22	20	12	11	0	1	0	0	15	28	-	-	-	0.93	-	
BALLYLUMFORD ...	9 9	24	5.5	1.4	3.5	-	8.8	22,23	-5.5	3	-	-	107	-	21	19	16	12	-	-	-	-	-	6	20	-	-	-	-	-	-	
BALLYMONEY ...	9 9	55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BALLYPATRICK FOREST ...	9 9	152	4.6	-0.5	2.1	-	7.6	23	-7.0	3	-	-	154	116	45	16	24	21	2	0	0	0	0	16	26	-	-	-	1.34	-	-	
CARNLOUGH ...	9 9	12	5.7	1.1	3.4	-	8.8	22	-5.5	3	-	-	121	-	26	19	21	18	4	-	0	0	0	0	11	16	-	-	-	-	-	
DIVIS MOUNTAIN ...	9 9	353	2.8	-1.3	0.7	-	9.1	23	-5.2	4	-	-	88	71	15	5,16	12	11	-	-	-	-	-	24	-	-	-	-	-	-	-	
GREENMOUNT ...	9 9	32	4.5	-0.4	2.1	-	8.8	22	-5.6	5	4.2	-	99	78	15	15	12	3	0	0	0	0	-	16	20	-	-	-	-	-	-	
KILROOT POWER STATION ...	9 9	12	5.3	0.8	3.1	-	8.7	22	-6.0	3	-	-	79	-	20	5	17	11	-	-	-	-	-	12	22	-	-	-	-	-	-	
LARNE ...	9 9	43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LISNAFFILLAN ...	9 9	38	4.2	-2.4	0.9	-	8.5	23	-9.5	4,5	-	-	96	92	21	16	20	16	2	0	0	0	6	23	25	-	-	-	1.20	-	-	
LONTOWN ...	9 9	271	3.1	-0.9	1.1	-	7.1	23	-6.9	4	3.4	-	110	77	19	16	23	15	4	6	0	0	9	16	26	-	-	-	1.13	-	-	
MALLUSKI(HYDE PARK) ...	9 9	140	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PARKMORE FOREST ...	9 9	235	3.4	-1.0	1.2	-	7.4	23	-6.0	3	4.0	-	156	91	28	19	25	20	8	10	0	0	2	20	28	-	-	-	-	-	-	
WOODBURN NORTH ...	9 9	217	3.2	-0.4	1.4	-	7.5	23	-5.2	3,4	-	-	102	85	19	19	24	13	4	0	0	0	7	17	23	-	-	-	-	-	-	
BELFAST																																
MALONE ...	9 9	35	4.8	0.1	2.5	-	9.0	22	-4.0	4,5,6	4.4	-	82	-	22	5	21	13	-	-	-	-	-	15	24	-	-	-	1.16	-	-	
MILLTOWN ...	9 9	37	4.5	0.2	2.3	-	8.7	8	-4.0	4	-	-	85	-	20	5	18	14	3	2	0	1	0	1	15	25	-	-	-	2	-	
NEWTONABBEY ...	9 9	32	5.2	1.1	3.1	-	8.5	23	-4.8	4	4.5	-	74	70	17	5	17	10	7	0	1	0	6	10	24	-	-	-	1.46	-	S	
ROSEBANK ...	9 9	47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ROSETTA ...	9 9	24	4.5	0.2	2.3	-	8.7	23	-4.7	4	-	-	93	96	23	5	17	12	0	0	0	0	3	14	-	-	-	-	-	-	-	
STORMONT CASTLE ...	9 9	56	4.6	0.1	2.3	-	8.1	23	-5.6	4	3.9	6.7	96	100	24	5	15	9	3	1	0	0	0	12	22	-	-	-	1.35	-	-	
DOWN																																
BANGOR SEACOURT ...	9 9	15	5.7	1.8	3.7	-	8.7	23	-3.4	3	4.4	7.7	92	-	23	5	16	11	3	1	0	1	0	7	19	-	-	-	1.33	-	-	
BALLYWALTER PARK ...	-	11	-	-	-	-	-	-	-	-	-	-	79	94	14	5	18	12	-	-	-	-	-	-	-	-	-	-	-	-	-	
BALLYWATTCOCK ...	-	6	5.1	0.5	2.8	-	8.9	22,23	-6.3	3	-	-	86	108	18	5	15	10	1	0	0	1	0	2	15	23	-	-	-	1.72	-	
CREIGHTONS GREEN ...	9 9	119	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DONNYPATRICK ...	9 9	26	5.8	0.8	3.3	-	9.5	22,23	-4.8	4,5	-	-	91	-	19	14	14	9	-	-	-	-	3	11	22	-	-	-	-	-	-	
HELENS BAY ...	9 9	43	4.6	1.2	2.9	-	8.4	23	-3.2	3	-	-	103	120	29	5	17	10	1	0	1	0	2	10	19	-	-	-	0	1.65	-	
HILLSBOROUGH ...	9 9	116	4.1	0.0	2.1	-2.6	8.5	22	-5.0	4,5	4.3	7.1	85	95	22	16	17	12	4	0	0	0	5	15	26	-	-	-	0	1.00	82	
KILKEEL ...	21-9	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
KILLLOUGH ...	21-9	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MURLLOUGH ...	9 9	9	5.7	-0.1	2.8	-	9.9	22	-7.5	4	3.7	6.0	101	-	20	14	16	8	1	0	1	0	1	14	20	-	-	-	1	1.67	-	
ARRAIGH																																
ARRAIGH ...	9 9	62	3.9	-0.4	1.7	-3.2	7.9	23	-4.3	5	4.6	7.2	82	94	17	19	18	12	5	0	0	0	4	17	27	-	-	-	0	0.78	66	
LOUGHGALL ...	9 9	25	4.2	-0.6	1.8	-	8.2	23	-4.4	28	-	-	89	109	19	19	18	12	3	0	0	1	0	7	19	25	-	-	-	0	0.90	-
LURGAN ...	9 9	55	4.2	-0.3	1.9	-	8.3	23	-6.0	5	4.3	7.0	111	134	38	16	18	12	0	-	-	-	-	16	26	-	-	-	-	1.01	-	
PORTADOWN ...	9 9	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TANDRAGEE ...	9 9	43	4.8	-0.7	2.1	-	8.9	22	-6.2	5	-	-	96	-	26	16	14	12	-	-	-	-	-	17	-	-	-	-	-	-	-	
TYRONE																																
CARRIGANS ...	21-9	113	3.7	-0.2	1.7	-	8.2	23	-6.5	4	-	-	86	70	9	15	20	15	15	8	0	0	0	4	15	24	-	-	-	1.01	-	-
COOKSTOWN ...	9 9	77	3.9	-1.3	1.3	-	8.0	8	-8.0	5	3.2	-	113	105	23	19	21	15	3	1	0	0	0	5	23	28	-	-	-	1.17	-	-
LOUGH BRADAN ...	9 9	169	3.4	-2.2	0.6	-	7.3	23	-8.5	4	-	-	95	62	14	5	17	15	-	-	-	-	1	23	27	-	-	-	-	-	-	
POMEROY FOREST ...	9 9	174	3.2	-1.3	0.9	-	7.2	23	-7.6	5	4.0	-	119	96	24	15	20	14	7	8	0	0	0	5	19	27	-	-	-	-	-	
STRABANE CONVENT ...	9 9	44	4.7	-0.2	2.3	-	9.1	23	-6.2	4	-	-	71	69	13	5	23	16	6	4	0	0	0	3	16	21	-	-	-	1	0.97	-
TIEVENNY ...	9 9	41	4.5	-1.0	1.7	-	8.2	23	-7.0	10	-	-	78	-	10	5	21	15	-	-	-	-	-	17	19	-	-	-	-	-	-	
FERMANAGH																																
CASTLE ARCHAOLE ...	9 9	66																														

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

DECEMBER 1976

	HEIGHT OF BAROMETER ABOVE MSL (METRES)	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY			CLOUD AMOUNT						VISIBILITY										WIND SPEED AND DIRECTION																									
			AT MSL (Hb)	DIFFERENCE FROM 1941-70 AVERAGE	DRY BULB DEGREES C	DEPRESSION OF WET BULB DEGREES C	VAPOUR PRESSURE (Hb)	RELATIVE HUMIDITY (%)	OKTAS						0 - 39M	40 - 190M	200 - 390M	400 - 990M	1000 - 1900M	2000 - 3900M	4 - 9KM	10 - 19KM	20 - 39KM	40KM AND OVER	BEAUFORT FORCE								N	NE	E	SE	S	SW	W	NW									
									0	1 - 2	3 - 5	6 - 7	8	SKY OBSERVED											34 OR MORE	6-7	4-5	1-3	CALM																				
																														SPEED (KT)																			
																														22-33	11-21	1-10									0								
																																										N	NE	E	SE	S	SW	W	NW

0 SCOTLAND N SHETLAND																																								
LERNICK	83	3	1006.7	-	2.1	-	5.8	-	4.9	0	9	8	8	6	0	0	0	0	0	0	2	2	1	22	4	0	2	12	15	2	8	0	4	4	5	2	0	6	7	
		9	1006.9	+ 1.6	2.3	-	5.9	-	6.1	0	2	6	16	7	0	0	0	0	0	0	3	6	15	7	0	3	16	8	4	8	0	3	2	6	0	1	7	3		
		15	1006.7	-	2.5	-	5.8	-	5.5	0	1	13	13	4	0	0	0	0	0	0	4	6	12	9	0	5	11	12	3	8	1	1	6	4	1	4	3			
		21	1007.2	-	2.4	-	5.8	-	5.5	0	5	7	14	5	0	0	0	0	0	0	1	7	19	4	0	2	11	15	3	7	0	6	0	3	4	2	6			
ORKNEY																																								
KIRKMALL	26	3	1006.4	-	2.5	0.8	6.3	86	5.6	1	6	5	8	9	2	0	0	0	0	0	3	5	14	7	0	2	13	15	1	2	2	4	3	9	1	4	5			
		9	1006.6	+ 0.5	2.5	0.8	6.3	86	5.9	0	3	8	12	8	0	0	0	0	0	0	2	6	18	5	0	4	10	14	3	2	2	6	3	6	1	3	5			
		15	1006.4	-	2.6	0.9	6.3	85	6.0	0	3	4	22	2	0	0	0	0	0	0	1	8	15	7	0	5	11	12	3	1	2	6	2	6	2	5	4			
		21	1007.0	-	2.6	0.9	6.2	84	5.4	0	5	8	13	5	0	0	0	0	0	0	3	6	15	7	0	2	12	14	3	2	1	5	3	9	0	2	6			
WESTERN ISLES																																								
BENBECULA	7	3	1005.8	-	3.2	0.6	6.9	89	4.9	2	6	8	8	7	0	0	0	0	0	0	2	3	13	13	0	2	9	18	2	4	4	4	8	3	1	2	3			
		9	1006.0	- 0.6	3.4	0.6	7.2	90	5.9	0	6	3	12	10	0	0	0	0	0	0	2	4	16	9	0	1	13	14	3	1	2	4	11	4	0	1	5			
		15	1006.1	-	4.2	0.7	7.4	89	6.1	0	2	7	17	5	0	0	0	0	0	0	1	4	12	14	0	0	13	15	3	4	2	3	9	6	1	2	1			
		21	1006.6	-	3.4	0.6	7.1	90	4.6	0	10	8	8	5	0	0	0	0	0	1	0	1	13	15	0	1	9	19	2	4	1	6	9	5	0	1	3			
STORNOWAY	5	3	1006.1	-	3.2	0.7	6.9	88	5.1	2	5	7	7	10	0	0	0	0	0	0	2	3	23	3	0	1	14	13	3	3	1	5	4	6	0	5	4			
		9	1006.2	- 0.1	3.1	0.8	6.7	87	5.8	0	5	5	9	12	0	0	0	0	0	0	5	20	6	0	0	15	14	2	1	0	6	5	0	3	9					
		15	1006.2	-	3.8	0.8	7.0	86	5.6	0	4	8	12	7	0	0	0	0	0	1	0	3	1	22	4	0	1	12	15	3	3	1	3	7	6	3	1	4		
		21	1006.9	-	3.7	0.8	6.9	86	5.6	1	1	11	10	8	0	0	0	0	0	1	0	4	24	2	0	0	10	20	1	3	0	6	4	6	2	3	6			
HIGHLAND																																								
CAPE WRATH	113	3	1006.0	-	3.6	0.7	7.0	88	5.5	1	4	7	8	11	0	0	0	0	0	0	2	4	12	11	0	3	12	11	5	4	0	4	7	1	5	1	4			
		9	1006.0	-	3.7	0.7	7.0	88	6.1	0	1	9	11	10	0	0	0	0	0	0	5	0	17	9	0	2	17	12	0	5	2	6	5	4	4	2	3			
		15	1006.0	-	3.9	0.8	7.0	87	6.2	0	0	10	13	8	0	0	0	0	0	2	5	3	15	6	0	6	11	13	1	4	3	2	4	6	4	3	4			
		21	1006.6	-	3.8	0.9	6.9	85	5.2	2	4	9	8	8	0	0	0	0	0	0	2	16	11	0	4	12	14	1	4	2	4	4	8	2	1	5				
WICK	37	3	1006.8	-	1.9	0.7	6.2	87	5.5	0	7	3	12	9	0	0	0	0	0	0	3	5	20	3	0	2	16	13	0	2	1	6	3	5	2	10	2			
		9	1006.9	+ 0.3	1.8	0.7	6.1	88	5.9	0	4	6	13	7	1	0	0	1	1	0	1	9	14	4	0	4	11	15	1	3	0	4	6	3	0	13	1			
		15	1006.7	-	2.9	1.0	6.3	83	6.2	0	1	6	21	3	0	0	0	0	0	0	1	13	10	7	0	4	15	11	1	3	1	4	3	6	4	8	1			
		21	1007.4	-	2.1	0.9	6.0	84	5.4	0	6	6	14	5	0	0	0	0	0	0	2	7	17	5	0	0	17	14	0	3	2	3	1	8	4	8	2			
1 SCOTLAND E GRAMPIAN																																								
DYCE	59	3	1006.8	-	0.7	0.6	5.7	88	5.7	2	4	3	12	9	1	0	0	1	1	2	4	5	6	7	5	0	0	5	20	6	2	2	0	6	3	1	4	7		
		9	1007.0	- 1.3	0.7	0.6	5.8	88	5.6	0	6	5	11	9	0	0	0	0	2	0	4	6	8	6	5	0	0	8	18	5	1	1	4	2	3	4	6	5		
		15	1006.8	-	2.2	0.9	6.1	85	5.5	0	7	6	8	9	1	0	0	0	1	2	3	7	6	6	0	0	11	14	6	2	0	4	5	0	5	0	5			
		21	1007.6	-	0.9	0.7	5.7	86	5.4	2	4	6	10	8	1	0	0	0	2	0	4	6	5	10	4	0	0	9	17	5	7	2	2	3	3	3	5			
FRASERBURGH	22	3	1006.9	-	3.4	0.9	6.7	85	5.2	1	6	7	6	11	0	0	0	0	0	0	1	17	13	0	0	4	13	14	0	2	1	3	8	6	2	8	1			
		9	1006.8	- 0.7	3.7	0.8	6.9	86	6.3	0	1	9	8	13	0	0	0	0	0	0	0	18	13	0	1	6	12	12	0	1	1	4	6	3	4	7	5			
		15	1006.6	-	3.9	0.9	6.9	85	6.2	0	2	6	11	12	0	0	0	0	0	0	0	14	17	0	0	8	10	13	0	3	1	4	5	6	5	4	3			
		21	1007.5	-	3.4	0.9	6.7	85	5.3	0	5	11	2	13	0	0	0	0	0	0	0	0	16	15	0	1	4	13	13	0	2	2	3	6	7	6	3			
KINLOSS	6	3	1006.7	-	0.7	0.6	5.7	89	5.8	0	5	5	14	7	0	0	0	0	1	1	5	9	9	5	0	0	7	20	4	0	0	7	2	3	11	2	2			
		9	1006.9	- 0.6	0.7	0.6	5.8	89	5.8	0	3	10	11	7	0	0	0	0	0	2	0	2	10	12	5	0	5	22	4	0	1	7	1	2	11	5	0			
		15	1006.7	-	2.4	0.9	6.1	84	6.2	0	2	6	18	5	0	0	0	0	0	3	6	4	11	7	0	1	9	19	2	3	1	7	1	5	8	4	0			
		21	1007.5	-	1.2	0.7	5.8	86	5.5	0	4	10	9	8	0	0	0	1	0	0	5	6	16	3	0	0	5	22	4	2	2	6	1	5	8	3	0			
LOSSIENMOUTH	6	3	1006.6	-	0.9	0.7	5.7	87	5.4	0	9	2	12	8	0	0	1	0	0	2	6	8	10	4	0	0	13	16	2	2	0	4	8	4	10	0	1			
		9	1006.7	-	0.7	0.7	5.7	87	5.9	0	4	5	14	8	0	0	0	2	0	1	5	5	11	7	0	0	16	12	3	1	0	8	4	2	7	5	1			
		15	1006.5	-	2.3	1.0	6.0	82	5.8	0	5	2	18	6	0	0	1	0	1	7	5	10	7	0	3	10	15	3	2	0	9	3	2	7	5	0				
		21	1007.3	-	1.2	0.8	5.7	85	5.6	2	4	6	9	9	1	0	0	2	0	0	4	11	10	4	0	0	11	18	2	1	2	7	5	4	6	3	1			
FAYSIDE																																								
USAN	35	9	1007.4	-	2.4	0.7	6.4	87	5.6	0	6	6	7	12	0	0	0	0	0	0	2	6	4	19	0	3	13	15	0	2	0	5	2	4	6	10	2			
		15	1007.2	-	3.2	1.0	6.4	83	5.0	0	9	4	10	8	0	0	0	0	0	0	3	5	6	17	1	3	14	13	0	2	1	3	3	5	11	3				
		21	1008.0	-	2.4	0.8	6.4	86	4.7	2	8	6	7	8	0	0	0	0	0	0	2	5	7	17	0	4	14	12	1	3	2	1	4	5	1	12	2			
FIFE																																								
LEUCHARS	12	3	1006.9	-	1.1	0.6	5.9	89	5.5	2	5	3	9	11	1	0	0	1	0	1	1	9	6	8	5	0	1	8	18	4	3	1	5	1	2	5	10	0		
		9	1007.0	- 1.8	1.5	0.6	6.1	88	5.6	0	7	3	12	8	1	0	0	1	0	1	0	2	0	4	12	3	9	0	10	18	3	1	1	6	2	1	10	6		
		15	1006.9	-	2.6	0.9	6.2	83	5.5	0	7	4	10	9	1	0	1	0	0	2	0	7	9	5	7	0	0	7	21</											

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

DECEMBER 1976

HEIGHT OF BAROMETER ABOVE MSL (METRES)		HOUR OF OBSERVATION (GMT)	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY			CLOUD AMOUNT						VISIBILITY						WIND SPEED AND DIRECTION																							
			AT MSL (MB)	DIFFERENCE FROM 1941-70 AVERAGE	DRY BULB DEGREES C	DEPRESSION OF WET BULB DEGREES C	VAPOUR PRESSURE (MB)	RELATIVE HUMIDITY (%)	OKTAS						0 - 39M	40 - 190M	200 - 390M	400 - 990M	1000 - 1900M	2000 - 3900M	4 - 9KM	10 - 19KM	20 - 39KM	40KM AND OVER	BEAUFORT FORCE						N	NE	E	SE	S	SW	W	NW					
									0	1 - 2	3 - 5	6 - 7	8	SKY OBSERVED											34 OR MORE	22-33	11-21	1-10	0	SPEED (KT)													
NUMBER OF OBSERVATIONS																																											
5 SCOTLAND W-CONTO. DUMFRIES & GALLOWAY																																											
ESKDALEMUIR	237	3	1007.3	-	-0.7	0.3	5.5	93	5.7	3	5	3	3	16	1	0	0	2	1	4	5	9	8	1	0	0	4	18	9	4	4	1	6	3	2	2	0						
		9	1007.7	-3.2	-0.4	0.3	5.6	93	6.3	0	5	3	8	15	0	0	1	0	0	3	4	7	8	6	2	0	0	5	15	11	2	2	3	3	0	1	3						
		15	1007.2	-	-0.8	0.6	5.8	90	6.0	0	4	7	6	13	1	0	1	1	0	1	6	6	4	7	5	0	0	5	18	8	5	3	3	0	6	0	3	3					
		21	1008.0	-	-0.8	0.4	5.4	92	5.6	2	7	2	5	14	1	0	1	2	0	9	6	8	1	0	0	4	12	15	5	3	1	5	1	0	1	0	0						
2 ENGLAND E & NE NORTHUMBERLAND																																											
BOULMER	-	3	1006.9	-	2.0	0.6	6.3	88	5.7	1	5	4	9	12	0	0	0	0	2	3	7	7	8	4	0	0	10	20	1	1	0	5	1	7	1	12	3						
		9	1007.2	-	2.1	0.6	6.3	89	5.5	0	5	8	7	11	0	0	0	0	1	2	2	10	3	8	5	0	0	12	19	0	0	1	5	0	5	4	11						
		15	1007.0	-	2.9	0.9	6.4	84	5.6	1	4	5	14	7	0	0	0	1	0	0	4	8	5	9	4	0	1	11	19	0	2	0	1	6	5	9	4						
		21	1007.6	-	1.7	0.7	6.1	87	5.8	2	4	4	8	13	0	0	0	0	2	3	9	5	9	3	0	0	1	12	13	5	1	5	0	5	2	9	3						
SEAHOUSES	12	3	1006.8	-	-	-	-	-	5.4	1	2	11	8	9	0	0	0	0	2	13	5	11	0	0	5	8	16	2	3	1	4	0	5	3	11	2							
		9	1006.9	-	-	-	-	-	5.9	0	2	10	11	8	0	0	0	0	0	2	10	5	13	0	0	0	17	13	1	0	1	5	1	5	2	15	1						
		15	1006.9	-	-	-	-	-	5.3	0	6	7	13	5	0	0	0	1	0	0	10	6	14	0	0	2	8	20	1	2	1	3	7	3	8	3							
		21	1007.4	-	-	-	-	-	4.9	4	5	6	8	8	0	0	0	0	0	1	0	11	8	11	0	0	3	8	18	2	2	1	3	2	9	2	8	2					
TYNE & WEAR																																											
NEWCASTLE WEATHER CENTRE (X)	72	3	1007.5	-	2.1	0.7	6.2	86	5.5	4	4	2	5	16	0	0	0	0	1	7	10	9	4	0	0	0	9	20	2	1	1	3	4	6	2	9	3						
		9	1007.9	-	2.3	0.7	6.3	87	5.7	0	6	6	9	10	0	0	0	0	1	2	9	4	11	4	0	0	1	4	26	0	1	0	2	4	5	12	2						
		15	1007.5	-	3.6	1.1	6.4	81	5.7	1	5	4	12	9	0	0	0	0	0	1	12	13	3	2	0	0	0	4	27	0	2	2	1	6	7	2	9	2					
		21	1008.1	-	2.3	0.7	6.3	86	6.1	3	1	5	10	12	0	0	0	0	0	4	8	9	1	0	0	0	0	30	1	1	0	3	1	11	2	8	4						
TYNEMOUTH	40	3	1007.6	-	2.5	0.7	6.5	88	5.7	2	3	9	3	14	0	0	0	0	2	2	22	5	0	0	3	13	15	0	5	0	3	2	8	0	11	2							
		9	1007.8	-2.9	2.7	0.8	6.6	86	6.0	0	4	6	8	13	0	0	0	0	4	1	4	19	3	0	1	3	10	16	1	1	0	3	7	1	15	0							
		15	1007.6	-	3.6	0.9	6.8	84	5.7	1	5	4	11	10	0	0	0	0	4	4	16	3	0	1	3	12	15	0	3	0	3	0	11	0	13	1							
		21	1008.2	-	2.7	0.7	6.6	88	6.0	3	1	5	9	13	0	0	0	0	3	6	15	4	0	0	4	10	17	0	1	1	2	1	11	3	10	2							
NORTH YORKSHIRE																																											
LEEMING	33	3	1007.7	-	1.2	0.5	6.1	91	5.8	2	4	4	5	14	2	0	1	2	2	3	4	4	7	5	0	0	7	23	1	4	1	3	6	5	0	6	5						
		9	1008.2	-3.4	1.0	0.5	6.0	90	5.9	0	6	4	8	12	1	0	1	0	5	3	1	4	3	9	0	0	5	24	2	3	3	1	5	7	2	4	4						
		15	1007.8	-	3.0	0.9	6.5	85	6.2	1	3	3	12	12	0	0	1	1	3	2	4	3	7	7	0	0	8	23	0	3	0	3	2	11	1	6	5						
		21	1008.3	-	1.2	0.5	6.0	90	6.5	2	2	3	5	16	3	0	0	5	2	1	5	4	3	6	0	0	5	25	1	3	2	4	8	3	3	4	3						
WHITBY C.O.	66	3	1007.7	-	2.5	0.7	6.5	88	5.5	2	4	7	4	14	0	0	0	0	1	1	5	6	15	2	1	5	11	11	3	3	0	4	1	6	7	0							
		9	1008.1	-	2.5	0.6	6.6	89	6.3	0	2	8	8	13	0	0	0	0	0	2	7	9	11	2	1	4	14	12	0	2	1	2	3	7	9	6							
		15	1007.7	-	3.6	0.8	6.9	87	6.2	0	3	5	10	13	0	0	1	0	0	1	2	10	8	1	0	3	12	13	3	2	1	2	2	8	4	8	1						
		21	1008.1	-	2.6	0.6	6.6	90	5.9	1	5	4	7	14	0	0	0	0	0	1	8	14	5	2	1	3	10	16	1	1	1	4	0	10	5	8	1						
HUMBERSIDE																																											
KILNSEA																																											
LINCOLNSHIRE																																											
BINBROOK	112	3	1008.0	-	1.0	0.4	6.2	93	5.7	2	5	3	7	13	1	0	1	1	1	3	7	11	3	1	0	1	14	15	1	2	2	4	4	3	7	5	3						
		9	1008.7	-	0.9	0.3	6.2	93	5.3	1	7	4	9	10	0	0	0	0	3	1	5	12	6	4	0	0	1	15	15	0	0	1	5	2	4	9	4						
		15	1008.2	-	2.3	0.5	6.5	90	6.1	1	4	2	13	10	1	0	2	2	2	1	3	7	7	6	1	0	1	8	21	1	1	1	5	1	7	3	12	0					
		21	1008.3	-	1.3	0.3	6.3	94	5.7	2	3	5	8	10	3	0	3	1	1	3	10	7	1	5	0	0	1	9	21	0	3	0	7	2	6	1	9	3					
MADDINGTON	70	3	1008.3	-	1.1	0.3	6.3	94	5.4	4	2	7	6	10	2	0	1	2	3	5	11	4	2	0	0	1	10	19	1	2	3	4	2	2	5	8	4						
		9	1009.1	-3.6	0.9	0.3	6.2	94	4.8	2	11	0	6	9	3	0	1	4	1	2	7	6	6	4	0	0	1	9	21	0	2	2	4	3	2	10	5	3					
		15	1008.6	-	2.6	0.6	6.6	90	6.1	1	5	3	5	13	4	0	2	1	5	1	6	5	8	3	0	0	2	8	21	0	0	2	3	3	8	7	5	5					
		21	1008.6	-	1.4	0.3	6.5	94	5.8	4	2	4	6	10	5	0	2	3	3	2	7	9	3	2	0	0	0	8	23	0	1	2	7	1	4	5	6	5					
3 EAST ANGLIA NORFOLK																																											
COLTISHALL	17	3	1008.1	-	2.4	0.7	6.4	88	6.0	4	3	1	8	15	0	0	0	3	2	8	7	8	3	0	0	0	11	16	4	1	3	3	3	2	4	10	1						
		9	1008.9	-	2.2	0.7	6.3	87	5.6	1	5	4	12	8	1	0	1	0	2	4	3	10	6	4	1	0	9	21	1	3	1	4	1	5	4	9	3						
		15	1008.5	-	3.9	1.2	6.5	80	5.8	1	4	5	14	6	1	0	0	0	1	2	7	9	5	5	2	0	9	21	1	1	1	5	1	5	4	9	4						
		21	1008.5	-	2.4	0.6	6.6	90	5.5	4	4	2	9	12	0	0	1	0	2	4	8	9	3	4	0	0	0	7	22	2	0	1	8	1	5	0	12	2					
MARHAM	24	3	1008.3	-	1.1	0.3	6.3	94	5.7	5	2	2	10	10	2	0	1	2	1	3	5	9	6	1	3	0	0	11	20	0	1	4	5	5	6	3	5	2					
		9	1009.2	-4.0	1.0	0.3	6.3	94	5.5	2	6	3	9	8	3	0	2	1	2	3	3	11	2	4	3	0	10	20	0	1	1	5	4	7	3	5							
		15	1008.7	-	3.1	0.5	7.0	91	5.5	0	9	1	11	7	3	0	2	0	1	4	3	9	9	3	0	0	8	23	0	2	2	5	2	8	3	5	4						
		21	1008.6	-	1.6	0.3	6.6	94	5.8	3	4	2	10	10	2	0	1	1	1	1	9	10	4	4	0	0	0	7	23	1	2	2	6	4	5	2	8	1					
CAMBRIDGESHIRE																																											
WITTERING	76	3	1008.6	-	1.1	0.4	6.2	92	5.7	1	6	3	6	14	1	0	2	2	2	1	7	8	4	3	2	0	1	10	20	0	2	3	3	3	5	10	3						
		9	1009.5	-3.6	0.9	0.3	6.2	93	5.3	2	7	4	4	12	2	0	3	1	3	3	4	10	1	5	1	0	11	20	0	2	4	1	2	6	5	6	5						
		15	1008.8	-	3.0	0.7	6.7	87	5.6	0	6	5	9	10	1	0	2	1	2	1	3	11	6	3	2	0	11	20	0	1	3	2	2	4	4	9	6						
		21	1008.8	-	1.1	0.3	6.3	94	5.6	2	5	4	5	13	2	0	2	0	3	3																							

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

DECEMBER 1976

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					0-30M	40-100M	200-300M	400-900M	1000-1900M	2000-3900M	4-9KM	10-19KM	20-39KM	40KM AND OVER	BEAUFORT FORCE						N	NE	E	SE	S	SW	W	NW
										NUMBER OF OBSERVATIONS															SPEED (KT)													
										0	1-2	3-5	6-7	8											SKY OBSERVED	8 OR MORE	6-7	4-5	1-3	CALM								
										34 OR MORE	22-33	11-21	1-10	0																								
4 MIDLAND COUNTIES																																						
WEST YORKSHIRE																																						
HUDDERSFIELD DAKES	235	3	1008.3	-	0.4	0.3	5.9	94	5.9	2	5	4	3	17	0	0	2	6	1	0	5	10	6	0	0	0	1	4	25	1	2	3	3	1	1	4	13	3
	9	1008.7	-	0.8	0.3	6.1	94	5.6	2	7	1	7	14	0	0	0	3	3	1	5	3	4	9	0	0	0	1	8	17	5	4	3	3	1	1	2	8	4
	15	1008.1	-	2.1	0.5	6.5	91	6.2	1	3	4	8	15	0	0	0	3	2	2	5	3	7	0	0	0	3	7	20	1	2	2	2	2	5	8	7		
	21	1008.4	-	1.2	0.4	6.2	93	6.1	3	1	5	8	14	0	0	0	3	2	2	5	3	10	3	0	0	0	5	25	1	4	2	3	1	6	2	10	2	
WILSDEN	267	3	1008.0	-	0.8	0.3	6.2	94	6.0	4	1	4	5	14	3	1	0	1	3	2	4	6	14	0	0	0	0	11	18	2	1	1	5	2	2	5	3	4
	9	1008.6	-	0.5	0.2	6.1	95	5.4	0	9	4	4	7	7	0	0	3	3	0	3	6	9	3	0	0	0	12	15	4	2	1	5	0	2	5	10	2	
	15	1008.0	-	1.7	0.5	6.3	91	6.2	1	3	4	9	10	4	0	0	3	1	6	9	5	0	0	0	0	0	8	20	3	1	0	4	3	6	1	10	3	
	21	1008.4	-	0.7	0.4	6.0	92	6.3	2	3	4	2	17	3	0	0	3	1	3	2	12	2	0	0	0	0	3	25	3	1	1	8	2	5	1	9	1	
SOUTH YORKSHIRE																																						
FINNINGLEY	15	3	1007.8	-	1.1	0.3	6.2	93	5.2	1	9	3	3	12	3	0	2	1	2	1	5	10	5	4	1	0	0	6	22	3	6	0	2	4	5	1	6	4
	9	1008.5	-3.8	1.4	0.4	6.3	92	5.2	1	8	5	5	12	0	0	0	0	3	5	3	9	7	4	0	0	0	7	24	0	2	1	3	2	7	4	3	9	
	15	1008.1	-	3.4	0.8	6.7	86	5.9	0	7	3	8	10	3	0	0	3	2	0	3	13	9	1	0	0	0	5	26	0	1	1	4	1	7	3	6	8	
	21	1008.2	-	1.4	0.3	6.4	94	6.2	2	4	0	10	12	3	0	0	3	2	3	2	6	9	5	1	0	0	2	27	2	5	3	4	1	6	2	6	2	
NOTTINGHAMSHIRE																																						
WATNALL	119	3	1008.3	-	1.0	0.3	6.3	94	5.4	3	7	1	6	13	1	0	1	0	3	5	7	6	5	4	0	0	6	25	0	6	2	4	3	2	6	7	1	
	9	1009.1	-3.6	0.9	0.3	6.2	93	5.3	3	6	4	5	12	1	0	1	2	4	6	4	9	5	0	0	0	0	3	28	0	4	3	4	1	3	12	2	2	
	15	1008.3	-	2.9	0.6	6.7	89	5.9	0	7	2	7	13	2	0	0	3	0	1	3	9	9	5	1	0	0	7	24	0	2	4	3	1	3	7	6	5	
	21	1008.4	-	1.5	0.3	6.5	94	5.6	5	2	4	5	13	2	0	0	3	4	3	9	7	5	0	0	0	0	5	26	0	2	5	5	1	4	3	7	4	
SALOP																																						
SHRUBBURY	76	3	1008.2	-	1.2	0.3	6.3	94	5.9	1	6	2	5	16	1	0	1	1	2	3	6	5	3	10	0	0	8	22	1	3	1	4	6	4	4	7	1	
	9	1009.0	-3.9	0.9	0.3	6.2	93	5.5	0	6	7	5	12	1	0	2	0	3	2	4	2	4	10	4	0	0	3	26	2	2	1	5	3	8	3	5	2	
	15	1008.2	-	3.5	0.6	7.0	89	6.5	0	2	5	14	9	1	0	1	0	2	0	6	6	8	6	2	0	0	2	28	1	3	3	7	1	7	1	5	3	
	21	1008.1	-	1.1	0.3	6.3	94	5.8	2	4	4	6	13	2	0	3	0	0	7	4	6	4	7	0	0	0	2	26	3	2	3	6	2	4	3	7	1	
WEST MIDLANDS																																						
EDGBASTON	165	9	1009.2	-4.2	1.3	0.5	6.1	89	5.7	2	5	2	9	8	5	0	2	2	1	5	1	11	7	2	0	0	4	25	2	5	0	6	0	7	3	5	3	
	15	1008.4	-	3.2	0.9	6.5	84	6.0	1	4	5	8	12	1	0	0	1	4	2	3	11	10	0	0	0	0	4	24	3	3	3	1	6	4	6	2		
	21	1008.3	-	1.9	0.5	6.4	90	5.7	4	2	5	6	13	1	0	1	0	5	0	4	12	9	0	0	0	0	2	24	5	2	2	5	3	5	0	9	0	
	9	1008.5	-	1.1	0.5	6.1	90	5.6	3	5	4	2	17	0	0	0	0	1	6	3	8	8	3	2	0	1	4	25	1	4	3	3	4	4	5	3	4	
ELMDON	100	9	1009.3	-4.0	0.7	0.4	6.0	92	5.6	1	5	6	8	3	0	0	1	4	3	7	9	2	1	0	0	0	7	23	1	4	2	4	4	5	6	2	3	
	15	1008.5	-	3.3	0.9	6.6	84	6.1	0	6	3	9	13	0	0	0	1	4	5	6	15	0	0	0	0	0	4	27	0	3	4	5	0	8	4	3		
	21	1008.4	-	1.3	0.4	6.3	93	5.6	2	5	4	6	13	1	0	0	1	2	3	7	11	6	1	0	0	0	4	24	3	1	4	5	3	5	5	3	2	
	9	1009.5	-	1.5	0.5	6.2	90	6.1	0	7	1	10	10	3	0	2	2	5	1	1	10	9	1	0	0	0	7	11	3	4	1	2	1	6	3	0		
HEREFORD & WORCESTER																																						
PERSHORE	36	3	1008.4	-	0.8	0.3	6.1	93	5.8	1	7	2	7	11	3	0	2	1	1	3	4	9	7	3	1	0	9	18	4	5	3	3	3	2	8	2	1	
	9	1009.2	-	0.7	0.4	6.0	92	5.7	2	5	3	9	11	1	0	4	2	2	2	2	6	10	3	0	0	0	7	18	6	2	4	3	1	4	6	4	1	
	15	1008.4	-	3.3	0.8	6.7	87	6.1	0	7	1	10	12	1	0	1	0	2	2	3	7	9	6	1	0	1	4	24	2	2	6	3	1	5	6	5	1	
	21	1008.2	-	1.2	0.4	6.3	93	6.0	3	4	2	3	17	2	0	2	1	1	3	3	11	9	1	0	0	0	4	23	4	3	2	7	3	3	7	0	2	
GLOUCESTER																																						
INNSWORTH	-	3	1008.3	-	1.8	0.5	6.4	91	6.1	3	3	2	8	12	3	0	2	1	1	3	4	9	7	3	1	0	2	15	13	4	3	2	1	3	4	1	0	
	9	1009.3	-	1.5	0.5	6.2	90	6.1	0	7	1	10	10	3	0	2	2	5	1	1	10	9	1	0	0	0	7	11	3	4	1	2	1	6	3	0		
	15	1008.3	-	4.0	0.9	7.0	86	6.1	0	6	4	8	11	2	0	3	0	1	2	4	13	6	0	2	0	0	2	23	6	3	3	2	3	2	8	2	2	
	21	1008.1	-	2.2	0.6	6.5	89	5.7	5	2	3	8	12	1	0	2	0	2	3	3	13	5	2	1	0	0	2	19	10	0	5	3	2	4	5	2	0	
LITTLE RISINGTON OXFORDSHIRE																																						
BENSON	74	3	1008.8	-	1.1	0.4	6.1	91	5.7	3	3	4	7	13	1	0	1	0	1	3	3	14	5	3	1	0	1	4	16	10	3	4	2	4	3	1	1	3
	9	1009.7	-	1.1	0.4	6.2	91	6.0	0	4	4	15	7	1	0	1	1	0	1	6	9	7	4	2	0	0	6	17	8	3	3	5	3	6	1	0	2	
	15	1008.9	-	3.6	1.0	6.7	84	6.1	0	6	1	15	9	0	0	0	0	0	3	4	8	9	4	3	0	0	4	22	5	3	3	4	3	4	2	5	2	
	21	1008.5	-	1.7	0.5	6.3	90	6.0	2	3	3	9	13	1	0	1	0	1	2	5	13	6	2	1	0	0	5	16	10	4	4	3	4	1	1	1	1	
BRIZE NORTON	92	3	1008.6	-	0.7	0.3	6.1	94	5.5	6	3	1	6	14	1	0	1	1	0	2	7	13	4	1	2	0	6	22	3	3	3	5	2	1	7	6	1	
	9	1009.5	-	0.7	0.4	6.0	92	5.4	2	6	4	8	11	0	0	1	0	1	1	6	12	4	5	1	0	0	6	19	6	2	3	6	0	2	5	5	2	
	15	1008.6	-	3.4	0.9	6.7	86	6.0	0	5	3	11	12	0	0	0	0	1	1	4	13	7	5	0	0	4	26	1	4	5	4	2	1	7	7	0		
	21	1008.4	-	1.4	0.4	6.3	92	5.7	5	3	1	6	15	1	0	1	0	0	2	8	11	5	3	1	0	0	3	22	6	1	6	4	4	2	3	5	0	
5 ENGLAND SE & CENT. S.																																						
GREATER LONDON																																						
HEATHROW	26	3	1008.8	-	1.9	0.3	6.7	94	5.2	5	5	2	6	12	1	0	1	0	4	2	5	13	4	0	2	0	1	3	25	2	1	4	3	4	2	7	6	2
	9	1009.7	-4.4	2.1	0.4	6.7	92	5.8	0	7	2	11	9	2	0	1	1	1	5	4	11	3	5	0	0	0	4	25	2	2	2	6	1	2	8	6	2	
	15	1009.0	-	4.7	1.1	7.1	82	5.7	1	4	7	8	11	0	0	0	0	1	2	5	12	6	0	0	0	0	6	24	1</									

HEIGHT OF BAROMETER ABOVE MSL (METRES)	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT					VISIBILITY										WIND SPEED AND DIRECTION																				
		AT MSL (MB)	DIFFERENCE FROM 1941-70 AVERAGE	DRY BULB DEGREES C	DEPRESSION OF WET BULB DEGREES C	VAPOUR PRESSURE (MB)	RELATIVE HUMIDITY (%)	OKTAS					0 - 39M	40 - 190M	200 - 390M	400 - 990M	1000 - 1900M	2000 - 3900M	4 - 9KM	10 - 19KM	20 - 39KM	40KM AND OVER	BEAUFORT FORCE						N	NE	E	SE	S	SW	W	NW							
								MEAN	0	1 - 2	3 - 5	6 - 7											8	SKY OBSERVED	34 OR MORE	22-33	11-21	1-10									0	SPEED (KT)					
NUMBER OF OBSERVATIONS																																											
5 ENGLAND SE & CENT. S.																																											
HAMPSHIRE																																											
	9	3	1008.6	-	3.0	0.5	7.0	90	5.0	5	5	3	8	10	0	0	0	0	0	2	5	11	9	3	1	0	0	0	1	28	2	3	5	5	1	2	1	6	6				
	15	9	1009.5	-	2.8	0.6	6.8	89	5.6	0	7	2	15	7	0	0	0	1	1	6	12	8	3	0	0	0	0	0	4	25	0	5	5	1	2	1	6	6					
	21	15	1008.7	-	5.6	1.4	7.2	79	5.5	0	8	4	8	11	0	0	0	0	2	1	2	11	11	4	0	0	0	0	4	27	0	5	5	1	2	1	6	6					
		21	1008.2	-	3.7	0.7	7.1	88	5.0	6	4	3	5	13	0	0	0	0	0	3	3	13	6	6	0	0	0	0	1	27	3	5	5	1	2	1	6	6					
WEST SUSSEX																																											
	60	3	1008.8	-	0.9	0.3	6.3	94	5.5	3	6	2	5	14	1	0	0	0	5	2	9	11	2	2	0	0	0	0	5	21	3	5	5	1	2	1	6	6					
	9	3	1009.8	- 4.7	1.3	0.3	6.4	93	6.1	0	4	5	9	13	0	0	1	2	3	5	0	8	11	1	0	0	0	0	4	24	3	5	5	1	2	1	6	6					
	15	9	1009.0	-	4.5	1.0	7.1	83	5.6	0	7	3	10	11	0	0	0	0	1	3	4	9	8	6	0	0	0	0	8	22	1	7	8	1	2	1	6	6					
	21	15	1008.7	-	1.5	0.3	6.6	94	5.6	2	4	6	8	11	0	0	0	1	2	6	10	3	3	0	0	0	0	0	4	20	7	2	2	1	2	1	6	6					
THORNEY ISLAND																																											
REPORTS TERMINATED																																											
7A ENGLAND NW & I.O.M.																																											
CUMBRIA																																											
	28	3	1007.2	-	0.8	0.4	6.1	92	5.8	2	4	3	9	11	2	0	2	2	1	1	3	7	7	8	0	0	0	1	3	21	6	2	0	10	2	3	2	6	0				
	9	3	1007.7	- 3.1	0.9	0.4	6.1	92	6.0	0	5	3	13	10	0	0	0	1	1	1	3	7	7	9	2	0	0	0	4	23	4	0	10	13	4	5	5	0					
	15	9	1007.2	-	2.8	0.6	6.7	90	6.1	0	4	2	15	10	0	0	1	0	1	1	3	7	8	9	2	0	0	0	4	27	0	1	3	8	5	5	2	6	1				
	21	15	1007.8	-	1.0	0.4	6.1	91	5.9	2	3	6	10	9	1	0	1	0	0	2	3	8	13	4	0	0	0	0	5	24	2	4	0	12	4	6	0	2	1				
LANCASHIRE																																											
	11	3	1007.4	-	2.6	0.6	6.7	89	6.2	2	2	5	9	12	1	0	2	0	2	2	3	7	7	7	1	0	0	1	13	16	1	1	4	9	7	0	2	5	2				
	9	3	1009.8	- 3.8	2.2	0.5	6.6	91	5.8	0	5	5	11	8	2	0	2	0	3	1	2	8	6	6	1	0	0	0	9	21	1	1	4	0	9	6	4	2	3	2			
	15	9	1007.4	-	3.4	0.6	7.0	90	6.2	0	4	2	16	8	1	1	1	1	2	1	5	8	8	4	0	0	0	0	9	21	1	2	0	8	8	5	0	0	7				
	21	15	1007.5	-	1.9	0.4	6.6	93	6.2	3	3	1	8	15	1	0	2	0	3	2	2	14	5	3	0	0	0	0	9	20	2	2	2	11	8	3	2	0	1				
MERSEYSIDE																																											
	24	3	1008.0	-	2.1	0.5	6.5	91	5.8	0	5	6	7	11	2	1	1	0	0	3	3	8	10	5	0	0	0	0	10	17	4	3	2	5	5	5	0	5	2				
	9	3	1008.6	- 3.8	1.9	0.4	6.5	92	5.9	0	5	4	13	7	2	1	2	2	1	3	5	5	4	7	1	0	1	3	26	1	4	4	6	5	5	8	1	2	0				
	15	9	1008.0	-	3.1	0.6	6.9	90	6.8	0	2	1	16	9	3	2	1	0	5	1	3	7	7	3	2	0	0	8	23	0	2	3	1	8	8	9	0	4	3				
	21	15	1008.0	-	2.0	0.4	6.7	93	6.1	1	4	3	11	10	2	1	1	1	4	3	8	9	3	0	0	0	0	5	23	3	3	1	8	8	0	0	4	3					
GREATER MANCHESTER																																											
	42	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
	9	3	1009.0	-	2.7	0.7	6.5	87	6.3	0	5	2	10	13	1	0	1	0	3	3	4	5	11	4	0	0	0	4	27	0	1	4	5	3	3	11	4	0					
	15	9	1008.3	-	3.9	0.8	7.0	86	6.0	0	2	4	8	14	3	0	1	0	4	2	4	10	8	2	0	0	0	1	30	0	4	1	6	3	6	7	3	1					
	21	15	1008.4	-	3.4	0.8	6.8	87	6.7	2	1	1	11	14	2	0	1	0	5	3	2	10	9	1	0	0	0	1	29	1	2	2	8	8	3	5	1	1					
RINDWAY																																											
	84	3	1008.2	-	2.1	1.0	5.9	83	6.2	1	3	5	6	12	4	0	2	1	1	1	4	8	5	9	0	0	1	8	22	0	4	0	6	5	8	3	4	1					
	9	3	1009.0	- 3.4	1.6	0.8	5.9	85	6.1	0	5	3	11	9	3	0	3	0	2	5	1	6	10	3	1	0	1	7	22	1	2	2	6	1	15	2	0	2					
	15	9	1008.3	-	3.1	1.1	6.2	81	6.6	0	3	1	15	10	2	0	2	0	3	5	5	10	5	1	0	0	0	8	22	1	2	1	8	1	9	4	4	1					
	21	15	1008.3	-	2.3	0.9	6.1	83	6.6	3	0	1	9	16	2	0	2	0	1	3	9	10	5	1	0	0	0	9	22	0	3	0	10	2	12	3	1	0					
ISLE OF MAN																																											
	9	3	1007.2	- 3.2	4.3	0.8	7.2	86	5.6	0	3	12	5	11	0	0	0	0	0	1	0	2	9	7	12	0	4	16	8	3	3	3	2	3	7	1	6	3	3				
	15	9	1006.6	-	5.4	1.1	7.5	82	6.2	0	4	1	17	9	0	0	0	0	0	0	0	1	7	10	13	0	2	14	13	2	4	1	4	5	1	8	2	4	1				
	21	15	1006.9	-	4.9	1.0	7.4	84	5.7	0	7	4	4	16	0	0	0	0	0	0	0	1	9	6	15	0	5	16	10	0	5	3	5	8	2	3	4	1					
RONALDSWY																																											
	21	3	1006.9	-	4.2	1.1	6.8	82	5.0	2	5	8	6	10	0	0	0	0	0	0	0	6	4	8	13	0	3	15	11	2	4	2	6	4	1	3	6	3					
	9	3	1007.3	- 3.8	4.2	0.9	7.0	85	5.8	0	5	5	13	8	0	0	0	0	0	0	2	5	4	5	15	0	2	16	11	2	4	1	8	2	2	2	7	3					
	15	9	1006.6	-	5.4	1.3	7.2	80	6.2	0	3	3	20	5	0	0	0	0	0	1	4	8	8	10	0	4	12	13	2	3	0	6	2	5	2	4	7	4					
	21	15	1006.9	-	4.2	1.0	6.9	83	6.2	0	6	2	7	16	0	0	0	0	0	0	0	4	11	10	6	0	6	9	15	3	4	2	7	1	4	5	4	4					
7B WALES N																																											
GWYNEDD																																											
	19	3	1007.3	-	6.2	1.0	8.2	85	5.3	5	1	8	3	14	0	0	0	0	0	0	0	0	21	10	0	1	4	12	11	3	5	1	3	5	2	3	7	2					
	9	3	1007.6	-	6.3	0.9	8.2	86	6.2	0	1	10	11	9	0	0	0	0	0	0	0	0	12	13	6	1	3	11	15	1	6	2	4	4	3	4	3	3					
	15	9	1006.9	-	6.6	0.9	8.4	86	6.5	0	0	6	18	7	0	0	0	0	0	0	0	0	15	6	1	3	12	14	1	5	3	3	5	4	2	7	3	2					
	21	15	1006.7	-	6.2	0.9	8.2	86	6.4	0	2	8	7	14	0	0	0	0	0	0	0	0	19	12	0	1	2	13	13	2	4	2	5	4	4	3	2	5					
VALLEY																																											
	11	3	1007.3	-	4.2	1.1	6.9	83	5.3	1	5	10	5	10	0	0	0	0	0	0	3	11	15	2	1	2	11	15	2	3	2	9	3	2	3	5	2	3					
	9	3	1007.8	- 3.9	4.4	1.0	7.1	84	5.8	0	5	5	15	6	0	0	0	0	0	0	5	4	15	7	1	2	11	17	0	2	2	7	4	3	4	6	3	3					
	15	9	1007.0	-	5.9	1.4	7.4	79	5.9	0	4	5	17	5	0	0	0	0	0	0	4	6	11	10	0	3	10	16	2	1	1	9	2	3	6	4	3	3					
	21	15	1006.9	-	4.4	1.0	7.1	84	6.0	0	4	6	7	14	0	0	0	0	0	0	3	10	16	2	1	4	6	18	2	1	6	5	5	1	6	0	3						
8A WALES S																																											
DYFED																																											
	134	3	1007.5	-	3.8	0.9	6.9	85	5.9	0	4	5	14	8	0	0	0	0	0	1	8	4	8	10	0	2	16	13	0	5	0	4	6	7	1	4	4	5					
	9	3	1008.1	- 4.8	3.4	0.9	6.7	85	6.0	0	4	1	20	5	1	0	0	1	0	0	2	4	5	11	7																		

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	22	7	0	0	0	0	0	0	0	1	10	20	0	0	0	CAMBRIDGE BOTANIC GARDENS	0	18	13	0	0	0	0	0	0	0	0	3	14	14	0	0	0
LERWICK (SCREEN)	2	23	6	0	0	0	0	0	0	0	1	10	19	1	0	0	EDOBASTON	2	22	7	0	0	0	0	0	0	0	0	15	15	1	0	0	0
STORNOWAY	0	14	17	0	0	0	0	0	0	0	0	12	16	3	0	0	KEM (PSYCHROMETER)	0	14	17	0	0	0	0	0	0	0	4	8	16	3	0	0	0
CRAIBSTONE	1	26	4	0	0	0	0	0	0	0	1	19	11	0	0	0	KEM (NORTH-WALL SCREEN)	0	14	17	0	0	0	0	0	0	0	1	9	18	3	0	0	0
ROTHESAY	0	23	8	0	0	0	0	0	0	0	0	10	21	0	0	0	HASTINGS	0	10	20	1	0	0	0	0	0	0	6	21	4	0	0	0	0
ABBOTSLINCH	1	22	8	0	0	0	0	0	0	0	6	13	12	0	0	0	SOUTHAMPTON	0	11	18	2	0	0	0	0	0	0	1	11	18	1	0	0	0
ESKDALEMUIR (PSYCHROMETER)	1	30	0	0	0	0	0	0	0	3	4	14	10	0	0	0	STONYHURST	1	25	5	0	0	0	0	0	0	0	3	16	12	0	0	0	0
ESKDALEMUIR (SCREEN)	0	31	0	0	0	0	0	0	0	2	4	15	10	0	0	0	VALLEY	0	4	27	0	0	0	0	0	0	0	5	22	4	0	0	0	0
DOUGLAS	0	14	17	0	0	0	0	0	0	0	0	5	25	1	0	0	RHODSE	0	14	17	0	0	0	0	0	0	0	1	10	18	2	0	0	0
BOULMER	0	23	8	0	0	0	0	0	0	0	0	15	15	1	0	0	FALMOUTH	0	1	28	2	0	0	0	0	0	0	4	22	5	0	0	0	0
HULL	0	17	14	0	0	0	0	0	0	0	0	13	18	0	0	0	ALDERGROVE	2	22	7	0	0	0	0	0	0	0	1	13	16	1	0	0	0
GORLESTON	0	13	18	0	0	0	0	0	0	0	0	10	20	1	0	0	ARMAOH	2	20	9	0	0	0	0	0	0	0	0	17	14	0	0	0	0

DECEMBER 1976

[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	MEAN HOURLY WIND SPEED (KT)			HOURS OF NO RECORD			HIGHEST VALUES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
					DATES OF OCCURRENCE			NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	MEAN WIND SPEED	VEER FROM N		SPEED-KT	DAY	HOUR BEGINNING	VEER FROM N	SPEED-KT	DAY	TIME																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
3 EAST ANGLIA - CONTINUED																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							

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. BELOW 0 DEG C	CONCRETE MIN. BELOW 0 DEG C	GALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE					AMOUNT (MM)	DATE	0.2 MM OR MORE	1.0 MM OR MORE													
1969	APRIL	STANSTED AIRPORT	20.7	8.7	7.8	-0.3	29.1	3	4.1	8			51	67	11	9	12	8	0	0	0	0	0	0	0	0	0	0	0	0	0
1976	JULY	DALL	22.0	11.7	16.9	+2.2	28.7	2	(6.0)	31			46	62	15	9	7	7	0	0	0	0	0	0	0	0	0	0	0	0	0
		PERTH	22.5		16.0																										
		WAUCHOPE	22.1	12.4	17.3		28.6	1	6.0	31					10	15		8						0							
		GRANGEMOUTH BP REFINERY																													
		DUMFRIES	21.6	10.7	16.1	+1.7	28.6	2	5.5	31	17.4		48	49	17	15	9	6	0	0	0	0	0	0	0	0	0	0	0	0	0
		GLENLEE		11.6	17.8												5	4													
		YORK (HESLINGTON)											15	27																	
		CLEETHORPES											36	61	29	15	4	3													
		CAMBRIDGE NIAB									(19.3)																				
		MEPAL																													
		LUTON		13.0	18.9																										
		STANSTEAD ABBOTTS	26.3	(12.4)	(19.3)				7.5	22																					
		STANFORD-LE-HOPE	24.6	13.3	18.9				8.0	22	17.4																				
		BRADFORD																													
		ILKLEY	22.6		17.1	+1.7																									
		MANFIELD	24.3	12.5	18.4	+2.5	32.0	3	9.0	21			26		17	12	8	5	0	0	0	0	0	0	0	0	0	0	0	0	0
		NEWTORPE		11.7	18.1																										
		NOTTINGHAM	24.4		19.3	+2.8																									
		SUTTON BONINGTON	24.8		18.3	+2.4																									
		WARSOP	25.0		17.7																										
		COVENTRY AIRPORT	24.9	11.7	18.3																										
		BUGBROOKE MILLS	25.9	11.9																											
		LYONSHALL	23.7		18.1	+2.5																									
		PRESTON WYNNIE		11.1	17.9					22																					
		MEDMENHAM		10.8																											
		HAMPSTEAD	(25.6)	(13.7)	(19.7)	(+3.0)	32.7	4	10.0	21,29																					
		ST JAMES PARK																													
		SOUTHGATE																													
		WADDON	25.7		19.9	+2.8							51	89			5														
		LACOCK																													
		HURLEY	(25.5)	(12.7)	(19.1)						(20.5)																				
		FAVERSHAM																													
		HERNE BAY																													
		ROGATE	25.7	12.2	18.9		34.0	2	7.4	11	20.0		27		11	20	7	4	0	0	0	0	0	0	0	0	0	0	0	0	0
		MOOR HOUSE		7.2									35		24	15	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0
		ABER	21.3	13.4	17.3		32.0	2	9.5	29	16.2		25		9	15	9	5	0	0	0	0	0	0	0	0	0	0	0	0	0
		COLWYN BAY	21.7		17.7																										
		ABERYSTWYTH																													
		BATH	24.3		18.9																										
		CHRISTCHURCH																													
		ILFRACOMBE											34				9	7													
		PRINCETOWN																													
		SLAPTON												27	5	13	9														
		ST JOHNS		11.7																											
		ROSETTA																													
		HELENS BAY											40	55																	
1976	AUGUST	FRASERBURGH	17.4		14.7																										
		ASKHAM BRYAN	22.8																												
		MALHAM TARN		9.9	14.7	+2.0							41	26			6	4													
		YORK (HESLINGTON)											66	106			5	5													
		CAMBRIDGE BG											30	49			6	4													
		LUTON											10	15		30	6	2													
		STANSTEAD ABBOTTS	25.2	(10.7)	(17.9)																										
		HARLOW	24.8	11.6	18.2		30.1	25	4.1	1	16.8		3	5	2	28	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0
		STANFORD-LE-HOPE		12.0																											
		WRITTLE		10.1	17.3	+1.1																									
		HUDDERSFIELD																													
		RAVENSKNOLLE	22.1	11.2	17.1	+1.8				26																					
		ILKLEY		10.7	16.4	+1.3	26.8	25	5.0	1			5	5	5	28	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
		DERBY		12.0	17.9																										
		MORLEY																													</

THE METEOROLOGICAL OFFICE

MONTHLY WEATHER REPORT

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

MET.0.896

UDC 651.500.1(41.4)

SUMMARY

VOLUME 93

19767 SEP 1978
NUMBER 13**Mild winter months, then cool; hot dry sunny summer; wet autumn, cool December.**

The year was remarkable for the occurrence of a number of outstanding weather events, starting with a notable gale on 2 January. The effects of this gale were widespread and the speeds attained exceptional; in the south and east Midlands both the gust and hourly mean speeds reached a level likely to be exceeded on average only once in 40 years. January and February were mainly mild, although the weather was very cold at times between 24 January and 5 February. Much of March was also cold. Periods of rain, with snow or sleet at times, occurred in many areas from January until mid-April, although rainfall amounts were below average over England and Wales and there were also dry spells. The second half of April was mainly dry with sunny periods, and these alternated with outbreaks of rain and thundery showers in May. Rainfall totals remained small in many southern districts. June was mostly dry, except in north-west Scotland. There was a brief hot spell in the second week, followed by some rain in the third week. The 19th was a cool day, with outbreaks of heavy rain, but temperatures began to rise steadily and values exceeded 32 °C at one or more stations in England on every day from 23 June to 7 July. Cheltenham (Gloucestershire) had no less than 7 days exceeding 32 °C in succession and such temperatures have never before been recorded in a Stevenson screen in the United Kingdom on more than 4 days consecutively. Wales, Northern Ireland and parts of Scotland were also affected, and this was the longest hot spell for at least 100 years and probably for much longer. It was also exceptionally sunny. Although the rest of July was cooler by comparison, the month was sunny and generally dry, except where there were thunderstorms. The weather was similar until the last few days of August, when rain or thunderstorms reached many parts of England and Wales, thus ending the driest 16-month period for these areas in 250 years of record. It then became extremely wet, and the rainfall total over England and Wales for September and October taken together was also a 250-year record. Outbreaks of rain and showers continued to occur in November, but amounts were generally less and it was very sunny in parts of Scotland. There were gales during the autumn months, but fog developed when the winds were light and this was extensive at times on hills during precipitation. Snow fell locally in November and was heavier in December, which was a cold month, with dense and freezing fog at times. There were also gales and some thunderstorms in December, but it was quite sunny.

WEATHER

January - The month started wet, with snow in the north, and severe gales swept across the British Isles on the 2nd. The first three weeks were mainly mild, however, and although many areas had rain at times, the south was sometimes dry. It became very cold at times during the last week and there were heavy falls of snow in some districts.

February - The cold weather continued until the 5th and it was also cold around mid-month, but February was generally mild. Rain fell on many days and although rainfall amounts were often small, there were a few wet days during the month. Snow or sleet fell during the colder periods. Fog was sometimes slow to clear in inland areas and persisted along southern coasts during the last week.

March - Although there were some mild, sunny days, March was mainly cold and snow or sleet showers occurred fairly frequently in the north after the first week. Many parts had rain at times from the 9th onwards and there were gales on the 12th. The 20th and 21st were very wet in the west and north and there were some heavy falls of snow in these areas.

April - Northern districts had snow during the first week and rain or showers fell at times in most areas until about mid-month, but amounts were often small in the south. The rest of the month was dry, except in parts of Scotland, and the third week was warm. Wintry showers occurred in southern England on the 23rd and there were widespread frosts towards the end of the month.

May - Outbreaks of rain or showers alternated with sunny periods in May and there were some thunderstorms, but rainfall amounts were again generally small in the south of England. It became very warm around the end of the second week and it was warm again for a time in the last week.

June - Rain or showers soon gave way to drier weather and the beginning of the second week was sunny and hot. Parts of north-west Scotland were wet for much of the month, but England and Wales were mainly dry, although there was heavy rain in the south-west on the 19th. This was also a cool day, but temperatures then rose and an exceptionally hot spell began on 23 June.

July - The very hot sunny weather lasted through the first week and temperature records continued to be broken in many areas. Although the month was generally dry, heavy thunderstorms occurred in places.

August - The nights were often rather cold in August, but the days were mostly warm, and the month was exceptionally sunny. Scattered thunderstorms occurred, but the weather remained generally dry until the 27th, when thundery outbreaks over many southern areas heralded the end of the long drought.

September - In complete contrast to the preceding months, September was very wet. The rain was often prolonged and thundery and it caused flooding in many places. There were severe gales in the second week. Fog occurred most frequently during the last two weeks and this was sometimes associated with precipitation.

October - This was another wet month, with high winds, hail and thunder. Rainfall was particularly heavy around mid-month. Fog formed at times and it was widespread in some areas during the last week, when it was less windy. Hill fog was often extensive during precipitation.

November - Showers or longer periods of rain alternated with sunny periods in November. There were severe frosts in Scotland between the 10th and the 14th and fog occurred in many areas in the second week. After a mainly dry period, rain and gales returned towards the end of the month. Scattered falls of snow or sleet occurred mainly in northern areas during the first few days and in the last week.

December - This was a cold month with wintry showers in many places and heavier falls of snow at times. There were also outbreaks of rain and some thunderstorms and gales. Most districts had a sunny month, but fog was sometimes dense, freezing and persistent.

WIND

The number of days on which gales occurred was less than usual in Scotland, but was above average on some southern and north-eastern coasts of England. Gale frequencies were mostly about average elsewhere. January was a windy month, however, and the gale on the evening of the 2nd was one of the most severe to affect the British Isles this century. It caused at least 23 deaths and the damage was very considerable. The high-level station at Lowther Hill (Strathclyde) recorded a gust of 116 kt on the 2nd. Wittering (Cambridgeshire) had a gust of 91 kt, and a number of new records were established. Gales returned to many areas between 19 and 22 January. Winds were frequently fresh or strong on exposed coasts from February to April and reached gale force at times. On 12 March gales affected shipping in the western approaches to the English Channel and there were many distress calls and some loss of life. In March also, gales in northern districts towards the end of the month were sometimes severe and a gust of 94 kt was recorded at the high-level station at Cairngorm (Highland Region) on the 28th. Winds were mostly light or moderate between May and July and were mainly light during August. On-shore breezes, which occurred at times during the summer months, were fairly frequent during the first three weeks of August. Winds were much stronger during the autumn. Gales occurred frequently in the second week of September and were severe between the 9th and the 12th: on the 11th the high-level station at Great Dun Fell (Cumbria) recorded a gust of 90 kt. Winds often reached gale force in exposed places in October. The gales were severe in northern districts on the 6th and in the English Channel area on the 14th, when small boats were swept from their moorings and there were a number of deaths at sea. Gales in November were most widespread from the 25th onwards and were severe at times, again affecting coastal districts of southern England; on the 29th an extreme gust at the Needles on the Isle of Wight blew in the windows at the coastguard look-out. Winds were light at times in December, but there were some gales and these were severe in the English Channel area at the beginning of the month.

TEMPERATURE

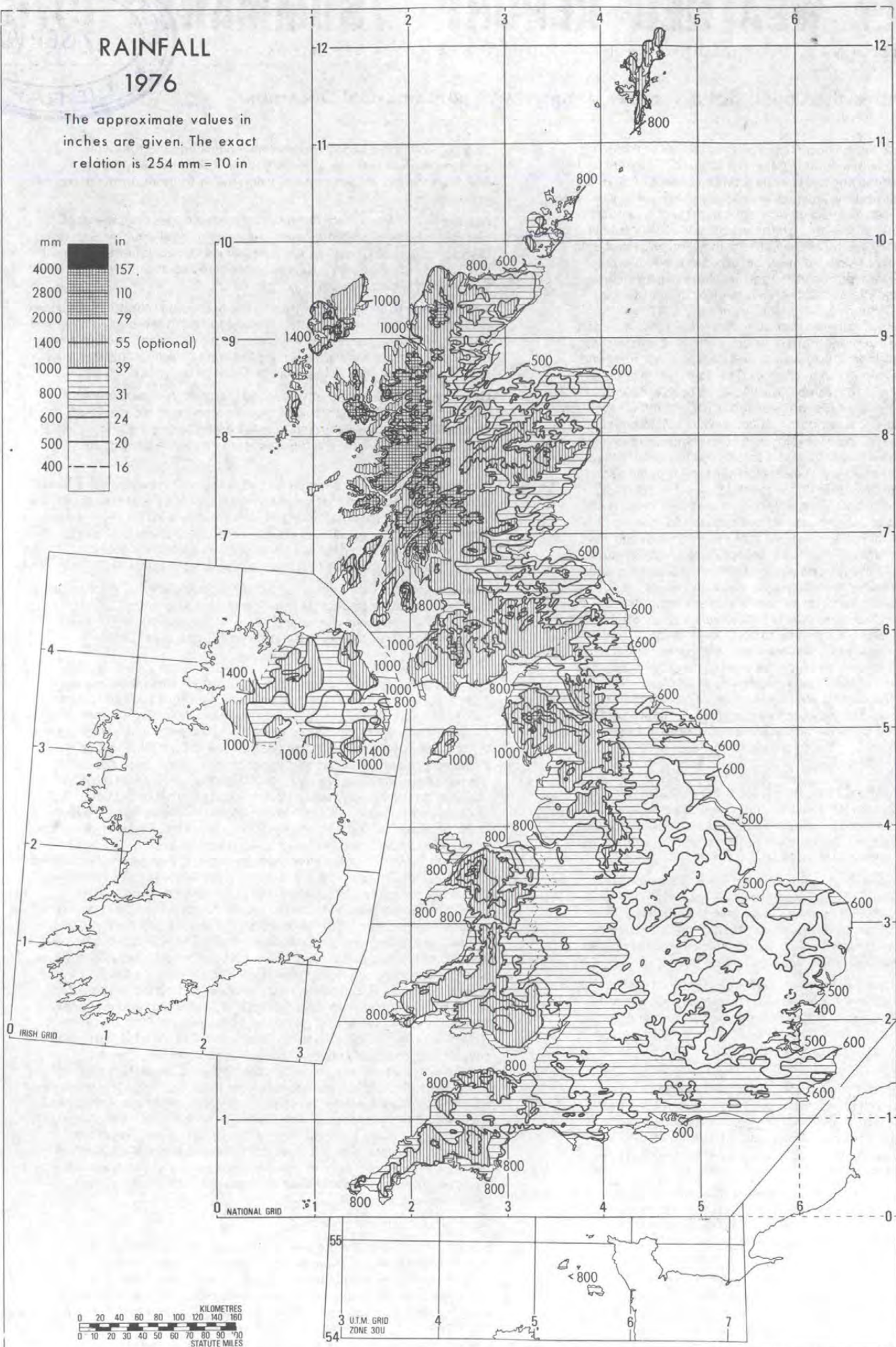
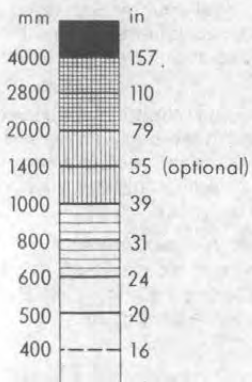
Mean temperatures for the year were a little below average in the north of Shetland and in parts of Cornwall, but were between 0 and 1 °C above normal in all other districts. January and February were generally mild, although there were some cold spells. March was a cool month, and mean temperatures remained below average in England and Wales in April. There were some warm spells in May and monthly mean temperatures were well above average generally from June to August. Long-standing temperature records were broken in many areas.

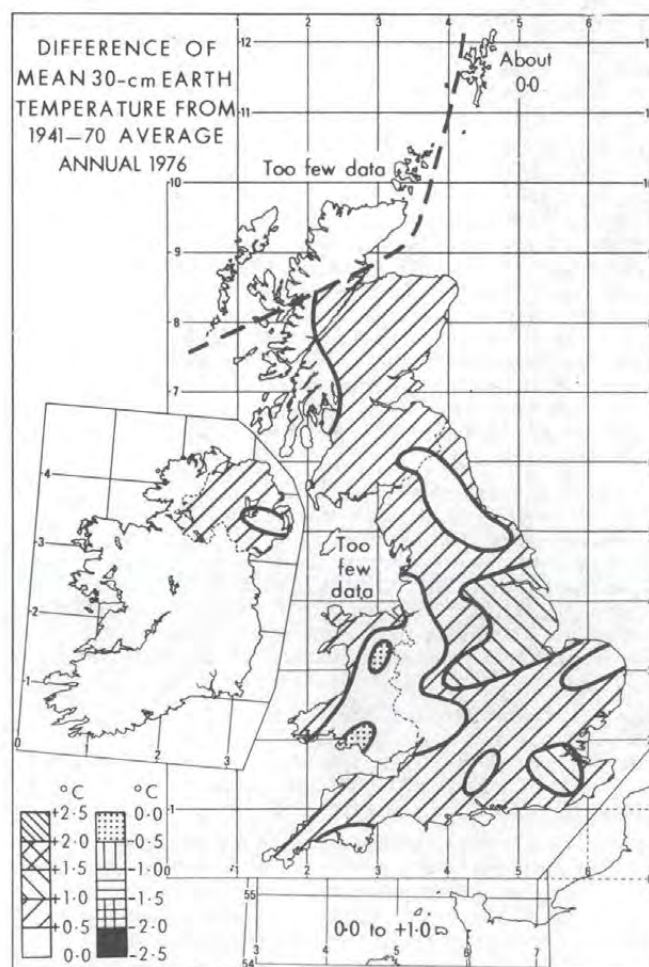
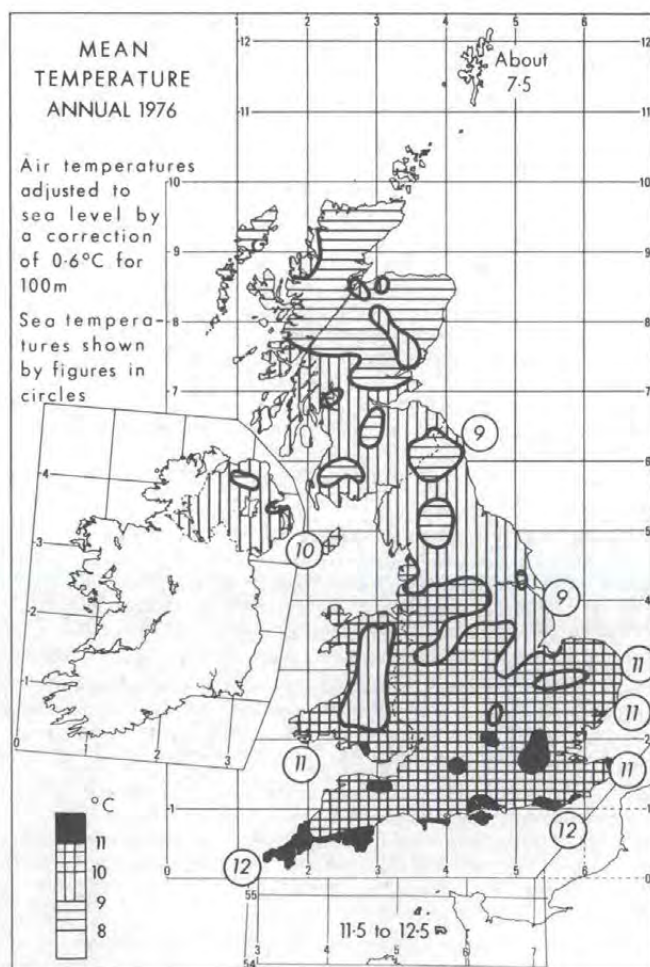
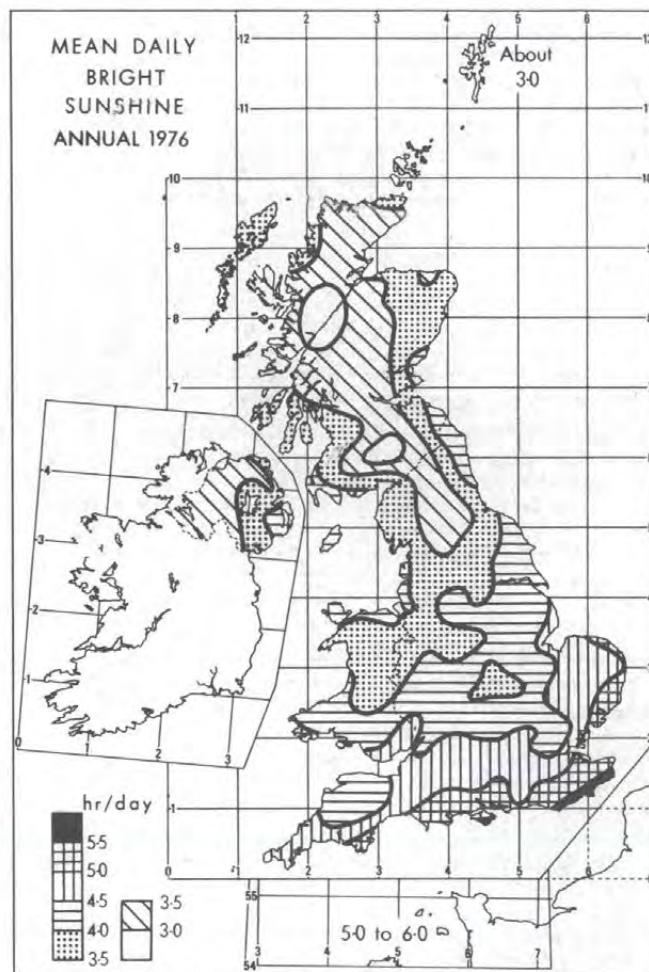
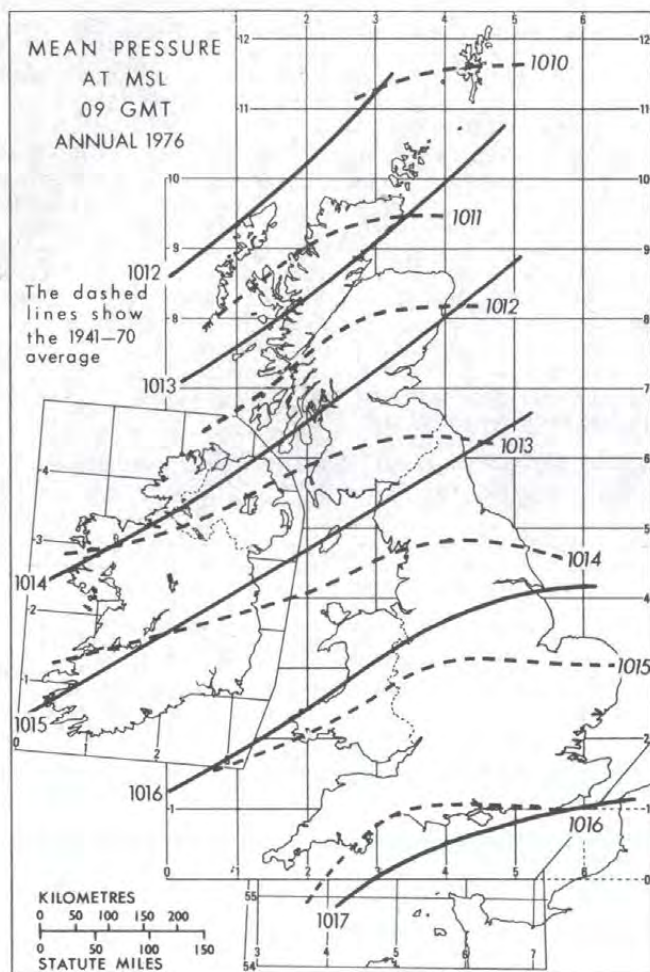
FHI

RAINFALL

1976

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





during this remarkable summer in which the mean temperature of 17.5 °C for central England was about equal to the previous highest (1826) in a series extending back to 1659. An outstanding feature of the summer was the prolonged heat-wave during late June and early July. In the 16-day period from 23 June to 8 July mean daily maximum temperatures over most of England were 9 to 10 °C above the normal for the time of year. The very warm weather ended on 27 August. Mean temperatures were mostly below average in the autumn months and December was cold.

January - Monthly mean temperatures were above average almost everywhere, exceeding the normal by more than 2 °C in many districts. The first three weeks were mainly mild, although Braemar (Grampian Region) recorded -13.0 °C on the night of the 1st/2nd. In southern England, temperatures reached or exceeded 14 °C at several places on the 2nd, and in Scotland, Stonehaven (Grampian Region) recorded 15.1 °C on the 11th, but it became very cold at times during the last week.

February - Although mean temperatures for the month were above average, most of the first week was cold. The temperature fell to -14.9 °C at Lagganlia (Highland Region) on the night of the 1st/2nd and temperatures occasionally remained below 0 °C all day in parts of southern England and South Wales. The rest of the month was milder, although colder weather returned around mid-month. The last week was very mild in many districts and on the 25th Aberdeen/Dyce Airport recorded a maximum of 16.6 °C, a temperature which has only been exceeded in Scotland in two Februaries this century.

March - This was a cool month, with mean temperatures below average in all districts. The days were often mild at the beginning of the month, but it became much colder from the 6th. There were a few mild periods, however, and it was very warm in parts of south-east England towards the end of the month, the temperature reaching 17.1 °C at Gillingham (Kent) on the 28th.

April - Monthly mean temperatures were mostly within 1 °C of the normal and were generally below average in England and Wales and above average in Scotland and Northern Ireland. The highest temperatures occurred in the third week; central London had its warmest Easter (16th to 19th) since 1952, and in the Scottish Highlands the temperature reached 21.6 °C at both Achnashellach and Loch Oich on the 20th. It became colder in the last week, however, and there were widespread frosts towards the end of the month.

May - Except in Northern Ireland and in some western parts of Great Britain, mean temperatures were mostly above normal. It became very warm in many districts around the end of the first week and the temperature rose to 29.0 °C at both Ulcombe (Kent) and Waddon (Greater London) on the 7th. Many areas were warm again on the 23rd and 24th.

June - A brief hot spell at the beginning of the second week presaged a prolonged spell of unusually hot weather which began later in the month. Temperatures rose progressively after the 19th until they reached at least 30 °C over most of East Anglia on the 23rd. Maxima exceeding 32 °C were recorded widely in the Midlands, southern England and in East Anglia, away from the coast, from the 26th to the 28th, temperatures rising to 34 °C or more at a number of places. By the 29th, most of the United Kingdom, except north-west Scotland, had become very hot. Many long-standing records were broken; the maximum of 35.6 °C at Southampton (Mayflower Park) on the 28th equalled the highest official temperature ever recorded in Britain in June, and on the 30th the temperature of 30.8 °C at Knockarevan (Co. Fermanagh) was the highest recorded in any month in Northern Ireland since records began there.

July - The exceptionally hot spell lasted until the 8th and long-period records continued to be broken. The temperature of 32.4 °C at Wauchope (Borders Region) on 2 July was the highest on record in any month in Scotland since 1908, and on the 3rd Cheltenham (Gloucestershire) recorded its highest temperature, 35.9 °C, since at least 1879. On this day maxima exceeded 32 °C over many areas east of a line from Lancashire to Somerset. There were still some warm days after the 8th, but the rest of the month was cooler by comparison and the 31st was cool almost everywhere.

August - The night of 31st July/1st August was unusually cold and ground frost was reported in several areas. After the first few days the weather was often very warm and it became very hot from the 23rd to the 26th, the temperature reaching 32.5 °C on two occasions in south-east England. The hot weather came to an end on the 27th.

September - Monthly mean temperatures were below average almost everywhere. The first half of the month was rather cool, although many areas had warm weather towards the end of the first week: St Helier in Jersey recorded a maximum of 25.0 °C on the 7th. There was a cold spell around mid-month, but the rest of September was warmer.

October - Most places had their highest temperature in the second week, when Elmstone (Kent) and Morecambe (Lancashire) recorded 20.2 °C on the 9th and 11th respectively, but there were no marked warm or cold spells during the month. Mean temperatures were mostly within 1 °C of average, except in Northern Ireland, where differences from the normal were generally between -1.0 and -1.5 °C.

November - Monthly mean temperatures were above average in the far north, where Lerwick (Shetland) had its mildest November since 1959, but were between 0 and 1 °C below average almost everywhere else. Many districts had their coldest weather between the 10th and the 14th and frost was widespread on some nights.

December - This was the coldest December generally since 1950, with mean temperatures for the month below average in all districts, mostly by 2 to 3 °C. In northern areas the lowest temperatures were recorded during the first week: after a very cold night in many places on the 2nd/3rd, the daytime temperature at Glasgow Airport did not rise above -5 °C, and on the night of the 4th/5th the temperature fell to -16.2 °C at Carnwath (Strathclyde) (208 m). Southern districts had their coldest night on 28th/29th when several places in the south Midlands and central southern England recorded minima below -11 °C.

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

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

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Degrees Celsius													
(a)	+2.2	+0.8	-0.8	-0.5	+0.6	+2.4	+2.2	+1.5	-0.5	0.0	-0.4	-2.3	+0.5
(b)	+1.5	+1.5	-0.5	+0.3	+0.3	+1.2	+2.0	+1.3	-0.3	-0.1	-0.1	-2.4	+0.4
(c)	+1.8	+1.0	-0.5	+0.1	-0.2	+1.8	+1.5	+1.5	-0.4	-1.2	-0.9	-2.6	+0.2

The highest and lowest temperatures recorded in each month

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Degrees Celsius												
(a) Max	14.2	16.5	17.1	21.5	29.0	35.6	35.9	32.5	25.0	20.2	14.4	11.5
Min	-10.6	-7.7	-10.5	-8.6	-5.0	-0.5	1.6	-1.5	-2.5	-6.6	-12.4	-16.0
(b) Max	15.1	16.6	14.5	21.6	23.1	30.7	32.4	29.5	22.7	19.1	13.7	9.2
Min	-13.0	-14.9	-9.6	-7.7	-3.0	-0.3	0.8	0.0	-3.4	-3.9	-8.0	-16.2
(c) Max	13.7	14.4	15.0	19.2	20.5	30.8	29.5	29.5	21.7	17.3	13.0	9.9
Min	-3.7	-8.1	-7.4	-3.5	-1.5	2.0	4.3	2.5	-1.6	-2.2	-6.5	-10.5

RAINFALL

Annual rainfall totals (which include melted snow) were slightly above average in parts of Northern Ireland, eastern Scotland and north-eastern England, and also around the Wirral peninsula. Values were below average almost everywhere else, with totals mostly between 75 and 100 per cent of the normal, but there were remarkable contrasts in rainfall amounts during the year. In Scotland and Northern Ireland, the alternate months of January, March and May were wet, whereas February and April were dry. The summer months from June to August were notably dry in all areas. In Northern Ireland this was the driest such period since comparable records began in 1900, and in Scotland only 1955 has been drier in 108 years of comparable record there. In England and Wales, however, the exceptionally dry summer came as the culmination of a 16-month period of rainfall deficiency which is unprecedented in historical records extending back to 1727. The long drought caused severe water shortages, but it was brought to an abrupt end by the heavy rainfall of September and October. Over England and Wales it was the wettest September since 1918 and the combined total for September and October was the highest for this period in the 250 years of record: Northern Ireland had its wettest October this century. November and December were generally drier.

January - Rainfall totals decreased, in general, from north to south. They were above normal in most northern districts, but were below normal in the Midlands and south. Values ranged from about 250 per cent of average in parts of northern Scotland to less than 20 per cent in a number of places in southern England.

February - Except in parts of the western half of Scotland, rainfall was below average almost everywhere. Much of eastern England was very dry, with less than half the normal amount of rain for the month, and several places recorded monthly totals of less than 10 mm.

March - The eastern half of England continued to be very dry, with rainfall mostly below 50 per cent of the normal. Less than 25 per cent fell around the Thames Estuary. Rainfall was above average in western England, in parts of Wales and almost everywhere in Northern Ireland and Scotland. More than twice the normal amount of rain fell in parts of eastern Scotland.

April - Rainfall was above average in a few places in Scotland, but below average elsewhere. Parts of Northern Ireland and Scotland and almost all of England and Wales had considerably less than half their normal rainfall for April, and less than 20 per cent fell over South Wales and much of southern England. A number of places in southernmost counties had less than 10 per cent of their average, and Callington (Cornwall) did not record any rain at all.

May - Outbreaks of rain and thunderstorms occurred in many areas, but amounts were greatest in the north. Rainfall was above average in Northern Ireland, northern England, Scotland (except the north-east) and parts of Wales. Totals exceeded 150 per cent in many northern areas and some places in North Yorkshire and Humberside had more than 250 per cent of their average. In sharp contrast, many southern counties of England had less than half their normal rainfall for May.

June - Rainfall was above average in Shetland and in parts of western Scotland, but was below average everywhere else. Many districts were very dry and rainfall over England, Wales and eastern Scotland was generally well below 50 per cent of the normal and was less than 20 per cent in places, particularly in eastern and southern coastal districts of England.

July - Except in places where above-average totals were associated with thunderstorms, and in the extreme west of Northern Ireland, monthly rainfall amounts were well below average and most parts of England and Wales had less than half their normal July rainfall. Thundery rain caused local flooding, however, and at Ashover (Derbyshire) there was a 'noteworthy' fall of 15 mm in 12 minutes.

August - Rainfall was above average in a narrow band extending from Norfolk into the east Midlands, but most districts were exceptionally dry, although rain reached many areas after the 26th. Less than 1 mm fell in places in England, the Channel Islands and the Scottish Highlands, while parts of Wales had no rain at all. Some 'noteworthy' falls occurred in southern and eastern England towards the end of the month: among these was one of 39.5 mm in 1 hour 24 minutes at Princetown (Devon) on the 29th.

September - Although monthly rainfall totals were well below average in Shetland and in parts of western Scotland, most other districts were very wet. Many areas had more than twice their normal rainfall and amounts were well over 300 per cent of the average in some places. A number of unusually heavy falls occurred in short periods and the torrential rain caused severe flooding in Stokesley (North Yorkshire) on the 11th, in Polperro (Cornwall) on the night of the 24th/25th and in Glasgow on the 28th.

October - Parts of western Scotland continued to have less rainfall than the normal, but it was very wet elsewhere, with monthly totals exceeding 200 per cent of average in many places, particularly in eastern areas between Aberdeen and the Wash. Numerous 'daily' rainfalls (the 24-hour period from 09 GMT) exceeding 50 mm were recorded, particularly on the 14th, and at Spelga Dam (Co Down) 120 mm fell between 09 GMT on the 17th and 06 GMT on the 18th.

November - Most districts had less rainfall than the normal, and parts of south-eastern Scotland and north-eastern England had less than 40 per cent of the average. Western Scotland, south-eastern parts of England and many places along the south coast had above-average rainfall, however, and there was widespread flooding in southern England towards the end of the month.

December - Monthly rainfall totals were generally below average in most western areas and above normal in eastern districts and also in central and southern England. There were some sharp contrasts: totals exceeded 150 per cent of average in the Aberdeen area, but were less than 35 per cent of the normal in parts of the Scottish Highlands.

The following table gives monthly and annual general rainfall amounts 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)	71	61	71	37	92	30	45	34	201	191	90	106	86
(b)	137	87	148	67	134	68	56	19	111	151	90	70	95
(c)	120	73	122	42	157	73	59	15	131	199	68	94	96

THUNDER

Thunder was occasionally heard during the first four months of the year: there were isolated thunderstorms in February and the Press reported a man struck dead by lightning on the Isle of Lewis on 1 April. Thunderstorms occurred more frequently in May, particularly between the 7th and the 10th, and were reported at times in June. Storms and outbreaks of thundery rain caused local flooding in July, although the weather remained generally dry. A man was killed on the 12th, when the cab of his lorry was struck by lightning at Clapham, near Bedford. Scattered thunderstorms affected many areas during the first few days of August. In Norfolk, 17 mm fell at Marham in less than one hour during a storm on the 3rd and a cruiser moored on the Broads was struck by lightning. There were further thundery outbreaks towards the end of the month. Storms caused severe flooding during the last week of September, notably in Polperro (Cornwall) on the 24th/25th and in Glasgow on the

evening of the 28th, when 84 mm fell in 3½ hours. Thunderstorms also occurred from time to time in October, during the first half of November and in the first week of December.

SNOW AND SLEET

Days of snowfall in January were about average, except in south and east England, where falls were rather less frequent than usual. In February, occurrences in northern England and Wales were about or slightly below average, but were very much less than normal elsewhere. The number of days with snow falling in March was about average in England and Wales, and in Scotland there were fewer days with snow on low ground, but rather more than average over high ground. In April, occurrences were less than average in all districts, except in northern Scotland, Shetland and Orkney. Isolated falls of snow or sleet occurred in May and although some patches of snow remained on the higher Scottish mountains in June and July, these had gone by August. Snow or sleet occasionally fell on high ground in the north in September and was a little more frequent in October, when sleet was also reported in North Wales. Occasions of snow or sleet were below normal in November, but were above average over most of Britain in December. In Scotland the number of days with snow falling in this month was greater in many places than for the past 20 Decembers and in parts of Scotland the number of days with snow lying was larger in this one month than in any other December for the past 60 years.

January - Falls of snow or sleet mainly occurred in northern areas during the first week, but affected many districts after the 20th. There were heavy falls of snow in Scotland and eastern England between the 24th and the 26th and on Dartmoor on the 30th. Undrifting depths of 20 to 25 cm were measured during the month.

February - Snow or sleet fell in many areas until the 6th, but mainly affected northern districts in the second week. Depths of about 23 cm were recorded in undrifting snow at one or two places in Scotland on the 11th. Occasional light falls occurred in the second half of the month.

March - After the first week, snow or sleet showers became fairly frequent in Scotland and there were avalanches in the Cairngorms on the 12th. It also snowed at times in northern and eastern England, but snowfall was more general on the 21st and 22nd. A heavy fall was reported in Shetland on the 31st.

April - Snowfall in Shetland at the end of March continued into the early hours of 1 April and undrifting snow lay to a depth of 30 cm. Snow or sleet showers elsewhere became infrequent after the first week, although a little snow fell on Dartmoor around mid-month and in eastern and southern England on the 23rd. Snow lying on high ground gradually receded as the month progressed.

May - A few isolated falls of snow or sleet occurred, mainly over high ground, and snow lay only on the upper slopes of the mountains in Scotland.

June and July - A few snow patches remained near the summits of the higher Scottish mountains.

August - No snow was observed

September - Snow was reported on high ground in the north.

October - Sleet showers occurred at one or two exposed places in Scotland and the north of England, and snow fell on the tops of the Scottish mountains in the latter part of the month.

November - Snow and sleet showers fell mostly in northern areas at the beginning and end of the month. Falls of snow were local, however, and even in the north some places had none. At Eskdalemuir (Dumfries and Galloway Region) this was the first November without snowfall since 1960, but in Cumbria a blizzard occurred on the 29th, and a depth of 20 cm was reported in the same area on the 30th.

December - Falls of snow or wintry showers occurred in many areas; mainly between the 1st and the 12th, during the third week, and from the 27th onwards, when there were blizzards in Scotland and northern England. Depths in undrifting snow in these areas exceeded 20 cm at times during the month and a few places recorded depths of more than 30 cm in level snow.

SUNSHINE

Sunshine totals for the year were above average over England and Wales, taken together. Within this area, parts of south-east England, East Anglia and the north Midlands recorded about 120 per cent of the normal, while a few places in the north and west were slightly below average. Annual sunshine was about average over Scotland and Northern Ireland, with values mostly within 10 per cent of the normal. Amounts contrasted sharply during the year, however. Sunshine was below average in almost all areas in February and September and in most in March, May and October, but high sunshine totals in some of the other months compensated for these deficits. Sunshine was well above average over most of England in June and almost everywhere in July. In the 16-day period from 23 June to 8 July, when the

weather was unusually hot, most parts of England recorded about 200 per cent of their normal sunshine and a few places exceeded 230 per cent. August was also very sunny, with totals widely exceeding 150 per cent of average, and sunshine was well above average in many areas in the last two months of the year.

January - Sunshine totals were mostly above average in eastern and central England and in central and south-west Scotland, but were below average elsewhere. There were large variations from the normal: the London area had about 180 per cent of average and Glasgow 130 per cent, while the Northern Isles, the Channel Islands and a few places on western coasts had only about 40 to 60 per cent of the normal.

February - Except in parts of Wales and northern Scotland, sunshine was below average. Parts of southern Scotland and southern England and also Guernsey, had less than half their usual amount of sunshine for the month.

March - Sunshine was within 10 per cent of average in many areas, but was mostly below normal, although there were long sunny periods during the first week.

April - Monthly sunshine totals were above normal in Northern Ireland, west Wales, East Anglia and also in southern England, where a number of places recorded more than 120 per cent of average. Amounts were mostly below normal elsewhere, and in the Moray Firth area, where about 65 per cent of the average was recorded, Fortrose (Highland Region) had its lowest April total since records began in 1910.

May - Except in the Channel Islands, in south-eastern and central southern England and in parts of northern Scotland and the Northern Isles, sunshine was below normal. Much of Northern Ireland, northern England and remaining parts of Scotland had less than 75 per cent of average.

June - England and Wales had a sunny month and sunshine was about average in Northern Ireland, but Scotland was rather dull. In general, eastern coasts were relatively sunnier than western areas and several places along the east coast of England recorded about 150 per cent of their normal sunshine for the month. Most districts, except parts of Scotland, had prolonged sunshine during the last week.

July - Sunshine was below normal in parts of Northern Ireland and the Hebrides, but most other areas were very sunny. Values exceeded 150 per cent of average over parts of eastern and southern Scotland and over much of the northern half of England and parts of East Anglia. Some places had their sunniest July on record: Cromer (Norfolk) measured 318.1 hours, making this the sunniest July there since records began in 1902.

August - This was an exceptionally sunny month. It was the sunniest August over most of Scotland and in parts of north-west England and Wales since 1947, in Northern Ireland this century, and in many places in remaining parts of England since their records began, which was before the turn of the century in some cases. In southern England several places recorded over 330 hours of sunshine, exceeding the previous highest total for August of 325 hours, recorded in Guernsey in 1899.

September - Sunny days became infrequent in most districts after the first week and except in parts of western Scotland, in some of the Western and Northern Isles, and in Jersey, monthly totals were below average. Parts of northern England had only about half their normal sunshine for the month and Edinburgh had its dulllest September since records began in 1901.

October - Sunshine was again above average in the Outer Hebrides, in parts of western Scotland and also in Co. Down, but was below average elsewhere. In some places in southern Scotland, and in England, south-east of a line from the Wash to the Severn Estuary, many places had not much more than half their normal sunshine for the month. Eskdalemuir (Dumfries and Galloway Region) had its dulllest October since records began there in 1910, and in central London it was the dulllest October in a composite record beginning in 1929.

November - Monthly totals were below average in the Channel Islands and in south-eastern and central southern England, but were above normal in most other areas. The Northern Isles and the eastern coastal strip of Scotland were particularly sunny.

December - Monthly totals were mostly above normal, except in Northern Ireland, and exceeded 150 per cent of the average in places. Almost twice the normal amount of sunshine was recorded in the Glasgow area.

The following table gives monthly and annual general values of sunshine 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
(a)	105	71	97	103	89	125	141	152	81	67	112	126	109
(b)	80	68	90	85	78	84	133	164	81	88	132	128	100
(c)	80	71	77	109	65	103	95	178	89	94	121	84	99

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

Station	Hours	Station	Hours
Jersey, St Helier	2155.5	Sandown	2075.9
Shanklin	2128.9	Jersey Airport	2074.1
Guernsey, L'Ancrese	2110.8	Hastings	2054.9
Eastbourne	2101.7	Ventnor	2039.8
Jersey, Gorey Castle	2097.6	Folkestone	2039.7

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
Ballywalter Park	1510.4	Arbroath	1551.0	Dale Fort	1766.3
Murlough	1477.4	Leitholm	1513.8	Tenby	1724.6
Helens Bay	1457.8	Girdstingwood	1504.0	Rhoose Airport	1702.4

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

Month	Station	Hours
January	Southend	76.4
February	Glenmore Lodge	95.5
March	Jersey, St Helier (Shanklin)	159.2 (157.7)
April	Jersey, St Helier (Eastbourne)	255.7 (243.7)
May	Shanklin	290.7
June	Jersey, St Helier (Margate)	348.7 (326.7)
July	Shanklin	328.2
August	Ilfracombe	332.6
September	Jersey, St Helier (Hastings)	175.7 (165.6)
October	Guernsey, L'Ancrese (St Austell)	110.0 (107.5)
November	Arbroath	101.9
December	Cromer	85.9

FOG

The windy weather of January did not favour the formation of fog, and overnight fog in inland areas mostly formed between February and April and from September to December. The fog was sometimes slow to clear, and patches of freezing fog were reported in the winter months. Coastal fog occurred in most months and was persistent at times in the summer. Hill fog was sometimes widespread, and was associated with precipitation at times, particularly during the autumn.

January - The month was not foggy, although coastal fog sometimes formed in the north and west. Occasional overnight fog patches in inland areas mostly soon cleared.

February - Fog mainly occurred between the 3rd and the 10th and from the 19th onwards. It was extensive and slow to clear in eastern, central and southern England on the 7th and also on the 20th and 21st. Freezing fog was reported in eastern Scotland on the night of the 19th/20th and fog frequently formed along southern and south-western coasts of England during the last week.

March - Overnight fog formed from time to time, mostly in England, and freezing fog was reported in Derbyshire on the 4th. Hill fog occurred fairly frequently in Scotland and was persistent in England around mid-month and on the 19th, when Wales was also affected.

April - Fog was mostly reported during the second and third weeks. It usually dispersed by mid-morning in inland areas, but was sometimes slower to clear on coasts.

May - Coastal fog occurred at times and particularly affected north-eastern England on the 6th and the 24th and the English Channel area on the 31st. Patches of overnight fog, which occasionally developed in inland areas, soon cleared.

June - Fog formed frequently along some northern and western coasts and affected the south coast of England at times. It was persistent in places. Hill fog also occurred from time to time.

July - Northern Scottish coasts were frequently affected by fog until mid-month and in the fourth week. Fog also formed on the Welsh coast and along coasts of England, mainly in the north-east and south-west. Hill fog was reported at times.

August - Overnight fog patches developed locally in inland districts, but usually soon cleared. Coastal fog was sometimes slower to clear and hill fog was occasionally reported.

September - Fog formed most frequently in the second half of the month and was sometimes associated with precipitation. The fog was persistent in southern and central England and in East Anglia on the 18th and 19th, in Northern Ireland on the 22nd, and in north-east England and south-east Scotland towards the end

of the month. Hill fog was extensive in south-west England on the 21st.

October - Fog occurred more frequently in Northern Ireland than is usual in October and overnight fog was dense and slow to clear in England and Wales on the 9th/10th, 18th/19th and 19th/20th. Many parts of the United Kingdom were affected by fog between the 25th and the 28th. Hill fog formed extensively during precipitation.

November - Overnight fog formed mainly during the first three weeks and affected many areas between the 10th and the 15th, when it was dense at night, with freezing patches. The fog persisted all day in places. Hill fog mostly occurred during the second and third weeks and coastal fog was sometimes reported.

December - Fog, which was often dense and freezing, mostly occurred in the middle of the first week and during the second and third weeks. It persisted in northern districts on the 3rd and in many areas on the 13th and from the 21st to the 23rd. Hill fog formed extensively in some districts on the 19th and 20th.

MISCELLANEOUS PHENOMENA

Whirlwinds were occasionally reported: three were observed in the Southampton area on the afternoon of 23 July, and on the night of 7th/8th December a whirlwind at Landford, near Salisbury (Wiltshire), lifted sheds into the air and caused some structural damage. Two large waterspouts were observed over the sea to the north-east of Anglesey on 10 September. The aurora was seen considerably less frequently than usual by observers in Scotland and was reported on 19 occasions only.

Table 1 District values

1976

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	29.6	-8.0	+0.3	+0.3	+0.3	+0.1	-16	91	101
1 Scotland E	30.6	-13.0	+0.4	+0.6	+0.5	+0.7	-19	97	100
2 England E & NE	32.5	-6.9	+0.5	+0.4	+0.4	+0.7	-14	97	109
3 East Anglia	34.0	-8.9	+0.6	+0.5	+0.6	+0.8	-20	80	113
4 Midland Counties	35.9	-9.3	+0.7	+0.3	+0.5	+0.7	-23	87	107
5 England SE & Central S	34.9	-11.0	+1.0	+0.4	+0.7	+0.8	-30	80	115
6 Scotland W	29.8	-11.3	+0.3	+0.4	+0.4	+0.6	-8	96	98
7 England NW & Wales N	33.7	-12.4	+0.4	+0.5	+0.4	+0.3	-14	88	102
8 England SW & Wales S	33.8	-6.8	+0.3	0.0	+0.2	+0.6	-25	83	106
N Ireland	29.1	-7.5	+0.4	0.0	+0.2	+0.6	-26	96	99
Scotland	30.6	-13.0	+0.3	+0.4	+0.4	+0.5	-14	95	100
England & Wales	35.9	-12.4	+0.6	+0.3	+0.5	+0.7	-21	86	109

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

Table 2 Solar radiation and illumination

1976

Station	total radiation on a horizontal surface (milliwatt-hours per square centimetre)						diffuse radiation on a horizontal surface (milliwatt-hours per square centimetre)						total illumination on a horizontal surface (kilolux-hours)					
	max	date	min	date	daily mean	no. of days	max	date	min	date	daily mean	no. of days	max	date	min	date	daily mean	no. of days
Lerwick	813	Jun 30	3	Oct 27	217.0	366	409	Jun 3	3	Oct 27	135.3	366	947	Jun 30	4	Oct 27	265.6	366
Eskdalemuir	822	Jun 28	4	Jan 4	221.2	366	377	Aug 10	3	Jan 4	133.3	366	1018	Jun 28	—	—	—	—
Cardington	851	Jun 30	10	Dec 19	290.0	361	571	Jun 18	9	Dec 19	167.8	361	—	—	—	—	—	—
Aberporth	877	Jun 20	10	Dec 18	295.7	366	482	Jun 15	9	Dec 18	160.4	366	—	—	—	—	—	—
London Weather Centre	832	Jun 30	5	Dec 18	284.5	355	417	Jun 6	5	Dec 18	151.9	355	1058	Jun 30	9	Dec 18	358.6	355
Kew	808	Jun 30	5	Dec 17	282.5	366	471	Jun 6	5	Dec 17	159.1	366	1038	Jun 30	—	—	—	—
Bracknell	837	Jun 30	9	Dec 17, 19	297.6	366	409	May 28	9	Feb 3	163.0	366	1064	Jun 24	12	Feb 3	367.6	366
Aldergrove	833	Jun 28	6	Jan 10	254.9	360	437	Jul 5	5	Jan 10	152.3	360	1053	Jun 28	—	—	—	—
Jersey	834	Jun 2	14	Jan 6	342.8	366	381	May 26	13	Jan 6	156.2	366	1028	Jun 2	22	Dec 27	432.1	366

Table 3 Summary of daily observations

1976

District Region/County and Place	terminal h (GMT) of observation		height of station above MSL (metres)	air temperature in °C						mean earth temperature		rainfall (terminal h 09 GMT)		weather (number of days)												bright sunshine									
				means of		highest max lowest min	difference from 1941-70 average	highest max lowest min	30 cm (°C)	100 cm (°C)	total fall (mm) percentage of 1941-70 average	most in a day		precip- itation	snow or sleet	snow lying at 9h	hall	ice pellets, etc	thunder heard	fog at 9h	air frost	grass min below 0 °C	concrete min below 0 °C	gale	daily mean (hours)	percentage of 1941-70 average	exposure								
												max (a)	min (b)															amount (mm)	date	0.2 mm or more	1.0 mm or more				
	max	min	max	min	max	min	max	min	max	min	max			min	max	min	max	min	max	min	max	min	max	min	max	min	max					min			
0 SCOTLAND N																																			
Shetland																																			
Baltasound	9 9	24	9.7	4.7	7.2	-0.1	19.9	-6.1	7.4	-	1028	90	36	31 Mar	244	195	56	23	5	11	5	2	54	-	62	2.86	103	-	-	-	-	-	-		
Lerwick	21-9	82	9.0	5.3	7.1	-	18.5	-7.1	-	-	1019	-	29	31 Mar	224	181	70	25	14	52	7	16	39	98	49	2.95	101	-	-	-	-	-	-		
Psychrometer			9.2	5.2	7.2	+0.1	19.1	-7.0	-	-																									
Screen																																			
Orkney																																			
Kirkwall Airport	21-9	26	10.5	5.6	8.1	+0.3	22.7	-2.7	-	-	919	90	43	8 Sep	222	159	59	13	27	23	4	4	32	78	72	31	3.15	98	-	-	-	-	-	-	
Western Isles																																			
Benbecula	21-9	6	11.4	6.6	9.0	+0.1	25.1	-4.6	-	-	1209	-	26	11 Jun	255	203	39	6	10	35	6	4	24	73	63	23	3.82	101	-	-	-	-	-	-	
Scalpay	9 9	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Stornoway	21-9	3	11.1	6.0	8.5	+0.2	23.7	-4.2	-	-	1094	-	28	10 Apr	240	183	32	7	3	39	5	0	37	77	64	22	3.61	106	-	-	-	-	-	-	
Highland																																			
Achnashellach	9 9	67	12.2	4.7	8.5	+0.6	29.6	-7.4	-	-	2192	101	94	24 Feb	253	201	-	-	-	-	-	71	-	-	-	-	-	-	-	-	-	-	-	-	
Balmacara	9 9	4	-	-	-	-	27.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cape Wrath	21-9	112	10.2	6.2	8.2	+0.3	26.0	-2.4	-	-	1036	90	43	8 Sep	224	168	37	7	13	23	5	15	22	36	35	35	3.44	-	-	-	-	-	-	-	
Corpach	9 9	8	-	-	-	-	30.1	-	-	-	1863	-	54	8 Sep	231	191	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Craigdarroch	9 9	38	12.5	3.9	8.2	-	30.5	-9.5	-	-	804	-	29	2 Jan	203	129	32	33	5	2	4	3	97	141	-	3	-	-	-	-	-	-	-	-	
Dalwhinnie	9 9	351	-	2.9	-	-	28.1	-13.0	-	-	1091	-	39	19 Jan	219	161	62	54	0	2	3	112	113	139	-	19	3.14	-	-	-	-	-	-	S	
Doune	9 9	21	11.7	5.1	8.4	-	28.5	-5.7	-	-	771	86	(30)	25 Oct	206	162	14	6	0	4	0	28	44	81	-	10	3.65	-	-	-	-	-	-		
Fortrose	9 9	5	11.4	6.6	9.0	+0.3	24.5	-3.5	-	-	541	83	38	8 Sep	159	112	15	1	0	0	0	8	17	-	0	3.33	99	-	-	-	-	-	-		
Glenmore Lodge	9 9	341	10.9	3.0	6.9	-	28.8	-12.8	-	-	926	86	57	8 Sep	223	159	60	53	1	1	3	3	117	185	-	2	3.42	-	-	-	-	-	-	S	
Grantown-on-Spey	9 9	229	11.4	2.7	7.1	-	30.0	-13.6	-	-	618	-	52	8 Sep	200	118	42	49	0	3	1	5	110	213	-	0	(3.48)	-	-	-	-	-	-		
Heaste	9 9	109	-	-	-	-	27.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Isle of Rhum	9 9	5	12.1	5.9	9.0	-	27.3	-6.4	9.9	10.0	2458	98	60	18 Jul	250	211	16	16	0	27	5	0	32	112	-	33	-	-	-	-	-	-	-		
Keiss	9 9	30	10.7	5.1	7.9	-	21.6	-6.1	8.5	8.6	659	-	48	8 Sep	204	135	30	16	8	29	3	9	40	91	-	16	3.52	-	-	-	-	-	-		
Kinlochewe	9 9	23	-	-	-	-	-	-	-	-	1914	95	93	24 Feb	237	196	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Knockanrock	9 9	244	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Lagganlia	9 9	250	11.4	2.8	7.1	-	29.2	-15.8	-	-	598	-	25	21 Sep	188	129	58	43	0	4	5	4	101	165	-	10	-	-	-	-	-	-	-		
Lairg	9 9	91	11.5	3.7	7.6	-	29.5	-9.3	7.7	7.8	902	-	28	19 Jan	220	149	51	37	18	1	2	18	93	151	-	2	-	-	-	-	-	-	-		
Lentran	9 9	146	11.5	4.1	7.8	-	28.1	-9.1	-	-	613	-	26	2 Jan	191	116	37	31	0	6	3	12	76	161	-	24	-	-	-	-	-	-	-		
Loch Oich	9 9	37	-	-	-	-	29.5	-	-	-	1731	-	63	24 Feb	238	184	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Nairn	9 9	6	12.2	5.0	8.6	+0.3	29.0	-7.7	-	-	(460)	(75)	30	8 Sep	(173)	(99)	24	1	4	7	3	5	65	119	-	14	3.72	106	-	-	-	-	-	-	
Onich	9 9	15	12.3	5.2	8.7	+0.1	29.0	-8.0	-	-	1872	92	64	24 Feb	211	202	-	6	-	-	-	35	40	90	-	-	2.87	99	S	-	-	-	-		
Poolewe	9 9	6	12.3	6.1	9.2	-	27.9	-3.1	-	-	1316	-	39	6 Jan	249	185	27	9	2	26	9	1	33	-	-	13	3.67	-	-	-	-	-	-	S	
Prabost	9 9	67	11.5	5.5	8.5	-	27.0	-5.3	-	-	1483	82	30	6 Oct	258	216	27	24	5	35	3	2	43	124	-	35	3.46	-	-	-	-	-	-	-	
Rubh Re	21-9	16	(11.2)	7.0	(9.1)	-	25.0	-2.0	-	-	1152	-	25	6 Jan	251	193	18	1	2	12	1	0	10	22	31	35	-	-	-	-	-	-	-	-	
Strathconon	9 9	107	12.0	3.7	7.9	-	29.0	-10.6	-	-	1185	-	39	6 Oct	222	155	-	-	-	-	-	89	-	-	-	-	-	-	-	-	-	-	-	S	
Strathy	9 9	37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Tarbatness	21-9	18	11.2	6.3	8.7	+0.4	26.1	-4.0	-	-	424	-	13	8 Sep	155	108	19	6	0	0	1	13	26	-	-	3	-	-	-	-	-	-	-	-	
Tomatin	9 9	311	10.7	3.2	6.9	-	28.5	-12.0	-	-	704	-	61	8 Sep	215	132	58	-	0	1	3	-	101	-	-	0	-	-	-	-	-	-	-	-	
Wick	21-9	36	10.7	5.6	8.1	+0.4	23.4	-7.5	-	-	662	84	50	8 Sep	215	136	40	12	4	36	3	10	39	102	75	18	3.50	101	-	-	-	-	-	-	

Table 3 (continued)

District Region/County and Place	terminal h (GMT) of observation	height of station above MSL (metres)	air temperature in °C						mean earth temperature		rainfall (terminal h 09 GMT)				weather (number of days)												bright sunshine			
			means of		daily mean (mean of a + b)	difference from 1941-70 average	highest max lowest min.		30 cm (°C)	100 cm (°C)	total fall (mm)	percentage of 1941-70 average	most in a day		precip- itation		snow or sleet	snow lying at 9h	hail	ice pellets, etc	thunder heard	fog at 9h	air frost	grass min below 0 °C	concrete min below 0 °C	gale	daily mean (hours)	percentage of 1941-70 average	exposure	
			max (a)	min (b)			max	min					amount (mm)	date	0.2 mm or more	1.0 mm or more														
1 SCOTLAND E																														
Grampian																														
Aberdeen	21-9	58	11.9	5.1	8.5	+0.8	28.4	-8.4	-	-	841	102	33	29 Sep	168	118	54	28	6	35	4	4	60	139	104	4	3.70	101	-	
Mannofield	99	16	11.4	5.2	8.3	+0.4	25.6	-6.7	-	-	834	103	35	29 Sep	163	118	33	12	1	4	1	3	43	103	-	3	3.72	100	-	
Balmoral	99	283	10.9	2.9	6.9	+0.4	29.0	-12.1	-	-	888	106	54	15 Oct	190	138	53	62	0	0	1	-	113	182	-	3	-	-	-	
Banchory	99	77	12.1	4.5	8.3	-	29.5	-8.0	-	-	906	-	42	15 Oct	167	125	52	39	0	11	12	2	67	122	97	12	3.71	-	-	
Banff	99	24	11.5	6.1	8.8	-	26.0	-4.5	-	-	613	82	33	8 Sep	168	115	-	8	-	-	-	2	27	-	-	-	-	-	-	
Braemar	99	339	10.8	3.0	6.9	+0.5	30.0	-13.0	-	-	866	99	46	8 Sep	201	149	-	65	-	-	-	-	109	-	-	-	-	-	-	
Craibstone	99	91	11.4	4.9	8.1	+0.4	25.8	-6.6	8.4	8.5	873	103	43	29 Sep	172	121	36	29	0	3	1	15	54	120	-	3	3.92	104	-	
Culterty	99	3	11.4	4.8	8.1	-	24.5	-7.6	-	-	715	103	31	29 Sep	187	125	-	-	-	-	-	-	56	111	-	-	-	-	-	
Elgin	99	15	(12.3)	(5.2)	(8.7)	-	31.0	-9.5	-	-	560	76	46	8 Sep	151	114	-	-	-	-	-	0	54	-	-	-	-	-	-	
Forres	99	50	12.5	5.4	8.9	+0.6	30.4	-5.9	9.2	9.5	504	-	29	8 Sep	172	107	27	20	3	5	0	11	63	129	-	7	3.49	98	-	
Fraserburgh	21-9	19	11.2	6.3	8.7	-	24.4	-1.8	-	-	574	83	(19)	12 Jan	161	105	26	3	0	7	2	6	18	-	-	23	3.61	-	-	
Fyvie Castle	99	55	11.7	3.9	7.8	-	27.5	-9.5	-	-	808	93	40	9 Sep	210	142	27	-	0	1	2	-	82	126	-	23	-	-	-	
Gartly	99	146	11.5	4.1	7.8	-	28.3	-9.4	-	-	819	-	51	15 Oct	192	136	-	-	-	-	-	-	73	152	-	-	-	-	-	
Glenlivet	21-9	215	11.4	-	-	-	29.9	-11.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Inverurie	99	54	12.1	4.1	8.1	-	29.4	-10.2	-	-	786	-	39	29 Sep	173	127	39	32	0	4	2	5	79	148	-	5	3.67	-	-	
Keith	99	106	11.8	3.9	7.9	-	30.1	-9.9	-	-	780	-	51	15 Oct	181	121	35	-	0	2	2	-	86	136	-	11	3.60	-	-	
Kinloss	21-9	5	12.2	5.5	8.9	+0.6	30.6	-8.0	-	-	473	74	27	12 Jan	164	98	49	11	1	15	0	1	65	123	90	17	3.57	-	-	
Lossiemouth	21-9	6	12.1	5.2	8.7	-	31.6	-12.5	-	-	541	83	40	8 Sep	177	106	49	10	1	12	2	5	63	128	100	20	-	-	-	
Stonehaven	99	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Tayside																														
Arbroath	99	28	11.4	6.1	8.7	-	23.9	-3.0	-	-	634	98	36	25 Oct	153	115	9	5	0	0	3	10	28	74	-	1	4.23	103	-	
Ardtalnaig	99	130	12.1	5.1	8.6	-	29.3	-7.0	-	-	1315	103	64	20 Mar	223	164	38	18	0	6	12	4	53	123	-	8	3.19	-	-	
Ashintully Castle	99	341	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Blairgowrie	99	70	12.0	4.3	8.1	-	27.9	-7.5	8.8	-	793	105	21	9 Jul	179	133	-	-	-	-	-	-	66	143	-	-	-	-	-	
Dall	99	232	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Drummond Castle	99	113	11.8	4.3	8.1	-	27.3	-8.5	9.1	-	1298	-	56	16 May	194	157	36	48	0	0	4	-	79	158	-	6	-	-	-	
Dundee	99	45	12.4	5.7	9.1	+0.6	27.0	-5.6	9.5	-	730	97	27	25 Sep	155	127	21	5	0	3	3	47	41	-	-	2	3.55	97	-	
Faskally	99	94	11.9	4.4	8.1	-	28.3	-9.9	9.1	9.5	900	102	37	21 Sep	191	142	39	27	0	2	3	5	77	141	-	0	-	-	-	
Gleneagles	99	152	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Kindrogan	99	259	10.4	2.7	6.5	-	26.2	-10.5	-	-	1036	-	36	21 Sep	197	151	65	80	1	10	7	9	117	175	-	9	-	-	-	
Kinross	99	116	11.7	(4.1)	(7.9)	-	27.2	-15.0	8.9	-	969	-	33	14 Oct	187	150	-	21	-	-	-	-	83	-	-	-	-	-	-	
Montrose	99	57	(11.5)	5.3	(8.4)	-	24.4	-5.5	-	-	669	92	33	25 Oct	157	112	22	6	1	4	11	9	44	114	-	13	-	-	-	
Mylnefield	99	30	11.9	5.4	8.7	-	26.7	-7.0	9.2	9.2	706	100	24	15 Oct	172	123	24	19	0	2	3	12	50	138	-	1	4.05	-	-	
Perth	99	23	-	-	-	-	28.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Strathallan	99	41	12.4	5.0	8.7	-	28.3	-11.6	-	-	831	-	31	25 Sep	182	128	29	27	1	6	4	17	63	-	-	7	-	-	-	
Usan	21-9	30	11.1	5.9	8.5	-	24.2	-4.0	-	-	628	-	30	20 Mar	149	105	13	5	1	0	5	12	32	75	67	19	4.00	-	-	
Whitehills	99	258	11.1	3.5	7.3	-	27.4	-8.9	-	-	1367	115	(46)	21 Mar	200	146	39	67	1	1	2	9	96	-	-	1	-	-	-	-
Fife																														
Belliston	99	82	11.6	5.9	8.7	-	26.6	-2.4	9.3	-	730	96	30	20 Mar	165	119	23	4	0	10	4	22	29	-	-	9	-	-	-	
Cupar (Elmwood)	99	36	12.2	4.7	8.5	-	27.4	-7.9	9.4	-	732	-	32	14 Oct	163	122	27	22	2	7	6	-	71	136	-	3	3.72	-	-	
Glenrothes (Glenwood)	99	117	11.5	5.0	8.3	-	25.8	-7.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	57	-	-	-	-	-	-	
Leuchars	21-9	10	12.1	5.5	8.8	+0.3	28.1	-7.0	-	-	663	100	24	25 Sep	164	116	41	7	3	8	7	5	57	108	98	12	3.93	97	-	
Pitreavie	21-9	40	12.2	6.0	9.1	-	27.7	-7.3	-	-	766	108	34	14 Oct	181	138	33	7	1	0	10	11	45	113	81	13	-	-	-	
St Andrews	99	18	-	-	-	-	27.1	-	-	-	(704)	(103)	29	25 Sep	(160)	(121)	14	-	0	1	3	-	-	-	-	5	4.05	-	-	-
Lothian																														
Blackburn Sewage Works	99	131	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Bush House	99	184	11.4	4.8	8.1	-	28.0	-9.6	8.6	8.9	754	87	31	14 Oct	189	134	27	27	3	3	3	16	64	133	-	1	3.23	-	-	
Dunbar	99	23	12.2	6.4	9.3	+0.6	26.6	-4.5	-	-	547	96	25	15 Oct	160	100	7	4	0	3	2	12	23	98	-	1	4.02	97	-	
Edinburgh																														
East Craigs	99	61	12.3	5.3	8.8	-	27.9	-9.0	9.3	-	593	-	32	14 Oct	158	112	19	9	3	1	5	11	61	129	-	8	3.62	-	-	
Royal Botanic Garden	99	26	12.5	5.9	9.2	+0.5	27.5	-7.5	9.6	-	575	87	28	14 Oct	157	110	9	10	0	1	2	11	54	134	-	0	-	-	-	
Royal Observatory																														
Blackford Hill	99	134	12.1	5.7	8.9	+0.3	28.5	-6.0	-	-	625	93	29	14 Oct	155	114	24	11	1	1	5	13	43	-	-	38	3.44	92	-	
Turnhouse Airport	21-9	35	12.5	5.7	9.1	+0.6	28.1	-9.6	-	-	616	91	34	14 Oct	174	123	33	9	0	11	7	7	62	133	90	5	3.47	98	-	
Haddington	99	49	12.7	5.3	9.0	-	30.7	-8.6	-	-	558	91	30	15 Oct	160	112	-	6	-	-	-	6	56	93	-	-	-	-	-	
Livingston	99	125	11.8	4.5	8.1	-	28.8	-11.0	-	-	770	-	42	14 Oct	188	138	16	14	1	0	1	19	76	147	-	0	-	-	-	
Nunraw Abbey	99	195	11.4	5.1	8.3	-	29.4	-7.0	-	-	756	-	37	14 Oct	191	131	35	19	0	4</										

Table 3 (continued)

District Region/County and Place	max min	terminal h (GMT) height of station above MSL (metres)	air temperature in °C						mean earth temperature		rainfall (terminal h 09 GMT)				weather (number of days)												bright sunshine					
			means of		daily mean (mean of a + b)	difference from 1941-70 average	highest max lowest min		30 cm (°C)	100 cm (°C)	total fall (mm)	percentage of 1941-70 average	most in a day		precip- itation		snow or sleet	snow lying at 9h	hail	ice pellets, etc	thunder heard	fog at 9h	air frost	grass min below 0 °C	concrete min below 0 °C	gale	daily mean (hours)	percentage of 1941-70 average	exposure			
			max (a)	min (b)			max	min					amount (mm)	date	0.2 mm or more	1.0 mm or more																
6 SCOTLAND W																																
Strathclyde																																
Achaglachgach	99	12	12.5	5.6	9.1	-	27.3	-9.2	-	-	1510	92	46	14 Oct	235	201	-	9	-	-	-	-	43	128	-	-	-	-	-	-		
Aros	99	37	12.6	5.7	9.1	-	27.5	-7.5	-	-	1659	-	53	28 Jan	239	203	11	4	0	10	1	6	40	113	-	-	-	-	-	-		
Auchincruive	99	45	12.5	5.9	9.2	+0.4	29.4	-8.2	9.7	9.8	852	93	27	8 Sep	196	151	13	4	7	5	7	1	38	104	-	5	3.97	109	-	-		
Barrhead	99	30	12.6	5.4	9.0	-	29.4	-9.2	-	-	1074	96	32	27 Nov	196	153	32	12	0	9	2	7	55	121	-	11	-	-	-	-		
Benmore (Younger Botanic Garden)	99	12	12.3	5.7	9.0	-	27.7	-7.6	-	-	2140	93	56	20 Mar	237	204	27	15	2	12	6	7	48	110	-	2	-	-	-	-		
Brodick Castle	99	15	12.8	6.3	9.5	-	27.5	-5.6	10.7	-	1814	100	51	29 Dec	221	194	13	10	10	7	5	0	25	104	-	16	-	-	-	-		
Camps Reservoir	99	295	10.4	3.5	6.9	-	28.2	-12.5	-	-	1052	89	35	21 Sep	210	160	70	38	0	4	3	16	86	-	-	-	20	-	-	-		
Carnwath	99	209	11.4	3.1	7.3	-	28.8	-16.2	8.6	-	728	88	23	21 Sep	203	143	49	29	9	11	2	8	97	172	125	39	-	-	-	-		
Colonsay	99	35	-	-	-	-	25.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Crawfordjohn	99	274	10.7	3.5	7.1	-	27.8	-15.8	8.5	-	-	-	-	-	-	-	-	35	-	-	-	-	85	126	104	-	3.33	-	-	-		
Cumbernauld	99	94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Cumnock	99	99	12.2	5.0	8.6	-	29.6	-10.5	-	-	945	-	26	8 Sep	207	158	23	11	1	7	1	5	58	100	-	4	-	-	-	-		
Dunstaffnage	99	3	12.3	6.1	9.2	-	28.1	-7.0	-	-	1381	-	40	2 Jan	235	179	16	1	1	4	5	1	34	120	-	38	-	-	-	-		
East Kilbride	99	178	11.6	4.8	8.2	-	28.3	-10.2	-	-	1076	-	33	27 Nov	209	155	26	24	0	0	2	-	60	132	-	-	-	2	3.94	-	-	
Finnart	99	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Girvan	99	8	-	6.6	-	-	-	-7.0	-	-	967	101	43	29 Dec	192	155	6	0	2	5	2	0	25	65	-	18	3.88	-	-	-	-	
Glasgow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Abbotsinch Airport	21-9	5	12.7	5.6	9.1	+0.2	29.1	-8.6	-	-	913	-	28	27 Nov	203	147	43	6	3	15	4	10	56	121	89	4	3.59	104	-	-		
Springburn Park	99	107	11.9	5.6	8.7	+0.3	28.6	-7.6	-	-	972	93	52	28 Sep	208	153	36	11	1	4	3	17	44	-	-	9	3.38	104	-	-		
Weather Centre (X)	21-9	40	12.7	7.4	10.1	-	29.8	-6.7	-	-	891	-	87	28 Sep	189	143	25	-	1	10	3	3	11	-	-	0	3.46	-	-	-	-	
Glenbranter	99	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Greenock	99	61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Helensburgh	99	89	11.4	5.3	8.3	0.0	26.5	-7.5	-	-	1345	95	47	2 Jan	218	178	-	17	-	-	-	8	44	-	-	-	-	3.27	-	-	-	
Knapdale Forest	99	40	12.2	5.2	8.7	-	26.6	-9.5	-	-	1538	-	32	20 Mar	226	193	-	1	-	-	-	1	55	116	-	-	-	-	-	-	-	
Lanark	99	152	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Leadhills	99	388	9.9	3.3	6.6	-	27.0	-11.0	-	-	1569	100	39	16 May	218	181	60	52	6	14	3	14	97	137	-	31	-	-	-	-		
Machrihanish	21-9	10	12.3	6.9	9.6	-	25.5	-6.0	-	-	1160	100	30	14 Oct	217	182	22	0	9	19	7	1	18	63	47	24	3.76	-	-	-	-	
Millport	99	5	12.3	7.1	9.7	-	26.4	-2.5	-	-	(999)	(88)	36	21 May	193	162	9	-	0	0	0	-	9	-	-	-	10	-	-	-	-	
Paisley	99	32	12.8	6.4	9.6	+0.4	29.3	-7.7	9.8	10.2	1007	91	29	27 Nov	199	154	18	8	1	4	1	9	31	70	-	10	3.36	101	-	-		
Prestwick	21-9	16	12.6	5.9	9.3	-	28.9	-9.2	-	-	801	88	21	21 Sep	193	142	21	2	2	12	11	0	51	83	71	6	3.85	-	-	-	-	
Rhuvaal	21-9	20	11.9	7.3	9.6	-	25.3	-1.5	-	-	1427	108	35	2 Jan	223	184	12	0	7	5	1	2	3	32	21	17	-	-	-	-	-	
Rothesay	99	43	12.5	6.8	9.7	-	28.0	-4.5	9.3	9.3	1318	96	34	29 Dec	224	180	9	1	2	0	2	0	12	102	-	1	-	-	-	-	-	
Sloy	21-9	12	12.2	6.1	9.1	-	28.6	-7.8	-	-	2395	-	61	19 Jan	242	208	31	-	2	2	1	0	40	-	-	1	-	-	-	-	-	
Stronachullin	99	2	12.3	6.4	9.3	-	26.8	-6.6	-	-	1704	-	42	17 Nov	229	187	7	2	3	9	1	1	20	53	-	4	-	-	-	-	-	
Tirree	21-9	9	11.6	7.3	9.5	+0.4	23.5	-2.9	-	-	1118	99	35	17 Nov	229	182	19	0	2	43	6	1	7	54	48	36	3.58	92	-	-	-	
Central																																
Arrochymore	99	30	-	-	-	-	-	-10.0	-	-	-	-	-	-	-	-	-	8	-	-	-	4	-	-	-	-	3.26	-	-	-	-	
Callander	99	107	12.1	4.4	8.3	-	28.5	-8.1	-	-	1545	103	(60)	20 Mar	211	171	31	25	0	0	3	4	71	151	-	5	-	-	-	-	-	
Earls Hill	21-9	335	9.9	(4.0)	(6.9)	-	25.7	-6.8	-	-	-	-	-	-	-	-	40	-	2	6	8	-	88	133	124	33	3.48	-	-	-	-	
Falkirk (Sewage Works)	99	3	12.6	5.8	9.2	-	27.5	-7.2	-	-	771	-	35	14 Oct	177	135	-	-	-	-	-	46	-	-	-	-	3.36	-	-	-	-	
Grangemouth	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
B.P. Refinery	99	2	13.2	6.3	9.7	-	28.6	-7.5	-	-	709	-	35	14 Oct	183	131	-	-	-	-	-	29	-	-	-	-	-	-	-	-	-	
Parkhead	99	107	12.6	(5.2)	(8.9)	-	28.5	-8.5	9.3	-	933	-	28	27 Nov	186	147	-	23	-	-	-	30	53	-	-	-	1	3.46	-	-	-	-
Stirling (Batterflats)	99	38	12.8	5.0	8.9	-	28.8	-9.8	9.8	9.8	1029	-	39	27 Nov	189	145	23	29	0	4	2	10	68	-	-	-	-	-	-	-	-	
Dumfries & Galloway																																
Bargrennan	99	110	12.2	4.5	8.3	-	28.6	-10.2	-	-	1455	96	39	20 Mar	212	174	17	11	1	7	8	9	77	127	-	1	-	-	-	-	-	
Clatteringshaws	99	178	11.4	4.6	8.0	-	27.4	-8.7	-	-	2006	103	53	25 Sep	218	192	60	8	0	35	14	2	63	-	-	20	3.35	-	-	-	-	
Dumfries	99	49	12.5	5.6	9.1	+0.6	29.8	-6.8	9.8	9.9	1034	98	31	20 Mar	188	139	16	-	0	3	6	12	47	115	-	11	3.70	104	-	-	-	
Dundeugh	99	119	12.2	4.0	8.1	-	28.4	-11.9	8.9	-	1394	98	49	22 Sep	195	154	-	-	-	-	-	77	-	-	-	-	-	-	-	-	-	
Eskdalemuir	21-9	242	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Psychrometer	-	-	10.8	4.0	7.4	-	28.6	-11.5	9.1	9.2	1299	86	46	21 Sep	212	161	64	33	10	14	7	11	88	134	110	11	2.89	88	-	-	-	
Screen	-	-	11.1	4.1	7.6	+0.4	29.8	-11.3	-	-	-	-	-	-	-	-	-	-	-	-	-	87	-	-	-	-	4.10	-	-	-	-	
Girdstingwood	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			

Table 3 (continued)

District Region/County and Place	terminal h (GMT) of observation		height of station above NSL (metres)	air temperature in °C				mean earth temperature		rainfall (terminal h 09 GMT)				weather (number of days)												bright sunshine				
				means of		daily mean (mean of a + b)	highest max lowest min			total fall (mm)	percentage of 1941-70 average	most in a day		precip- itation		snow or sleet	snow lying at 9h	hail	ice pellets etc.	thunder heard	fog at 9h	air frost	grass min. below 0 °C	concrete min. below 0 °C	gale	daily mean (hours)	percentage of 1941-70 average	exposure		
	max	min		max (a)	min (b)		max	min	30 cm (°C)			100 cm (°C)	amount (mm)	date	0.2 mm or more														1.0 mm or more	
4 MIDLAND COUNTIES																														
West Yorkshire																														
Bradford	9 9	134	(12.5)	(5.8)	(9.1)	(+0.3)	29.2	-4.4	9.5	9.9	842	97	38	10 Sep	177	136	31	2	3	10	7	22	(50)	-	-	8	-	-	S	
Bramham	9 9	54	13.3	5.3	9.3	-	29.1	-3.9	-	-	678	102	47	10 Sep	175	108	21	5	0	1	2	21	55	126	-	0	-	-	-	
Huddersfield	21-9	232	12.6	5.6	9.1	+0.6	30.3	-4.0	9.0	8.7	895	89	40	24 Sep	217	145	43	9	5	2	22	47	51	116	105	29	3.92	115	-	
Oakes	9 9	99	13.3	(6.1)	(9.7)	(+0.6)	30.2	-3.9	10.1	10.4	745	92	35	24 Sep	171	126	22	1	0	4	12	30	46	105	-	4	(3.95)	(125)	-	
Ravensknowle	9 9	83	12.8	5.7	9.3	+0.4	29.8	-5.0	-	-	898	98	45	11 Sep	184	140	20	2	0	3	3	27	54	63	-	3	3.59	104	-	
Ilkley	9 9	160	12.3	5.3	8.8	-	30.1	-7.0	-	-	1133	-	48	1 Oct	204	153	37	10	3	12	9	15	61	-	-	8	-	-	-	
Todmorden	9 9	78	-	-	-	-	-	-3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Pontefract	9 9	262	11.7	-	-	-	29.4	-	-	-	999	-	38	1 Oct	195	152	39	17	1	4	7	46	-	112	98	7	-	-	-	-
Wilsden	9 9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
South Yorkshire																														
Finningley	21-9	10	14.1	5.8	9.9	-	32.2	-5.0	-	-	491	85	41	24 Sep	150	101	29	1	1	10	14	22	63	112	86	4	4.05	-	-	
Sheffield	9 9	131	(13.4)	(6.4)	(9.9)	(+0.4)	31.5	-3.9	10.2	(10.5)	674	84	34	24 Sep	167	113	24	7	2	0	3	-	37	-	-	2	4.00	118	S	
Derbyshire																														
Ashover	9 9	178	12.8	5.5	9.1	-	31.8	-4.8	-	-	671	-	32	24 Sep	174	118	40	14	2	7	7	40	60	99	-	4	4.07	-	-	
Buxton	9 9	307	11.2	4.9	8.1	+0.5	29.0	-6.8	9.1	9.7	1074	84	46	24 Sep	201	162	44	24	2	2	7	55	74	107	-	7	-	-	S	
Derby	9 9	48	14.1	6.3	10.2	-	32.7	-5.1	-	-	473	72	24	24 Sep	153	114	9	1	1	2	11	17	55	101	-	2	3.72	-	-	
Morley	9 9	107	-	-	-	-	-	-6.1	-	-	516	73	26	24 Sep	146	105	4	1	1	0	0	-	-	-	-	2	-	-	-	
Wingerworth	9 9	126	13.1	4.5	8.8	-	31.6	-6.4	9.8	-	634	-	32	24 Sep	185	117	33	7	2	5	11	58	76	145	-	5	3.96	-	-	
Nottinghamshire																														
Mansfield	9 9	114	13.3	6.0	9.7	+0.6	32.0	-4.5	-	-	573	-	34	24 Sep	169	113	9	1	0	0	2	13	45	92	-	1	-	-	-	
Newthorpe	9 9	58	-	(5.0)	-	-	32.0	-5.6	-	-	514	-	24	24 Sep	149	110	-	-	-	-	-	-	(69)	-	-	-	-	-	-	-
Nottingham	9 9	59	(14.0)	(6.8)	(10.4)	(+0.7)	32.0	-5.5	(10.5)	(10.7)	457	76	27	24 Sep	140	112	4	0	0	0	0	27	26	(102)	-	0	-	-	-	
Sutton Bonington	9 9	48	14.0	-	-	-	32.2	-	10.3	10.3	451	74	25	24 Sep	156	103	13	0	0	3	7	15	-	124	-	5	(4.08)	(112)	-	
Warsop	9 9	46	13.9	4.9	9.4	-	32.5	-5.5	-	-	520	85	30	24 Sep	160	100	14	4	1	0	5	34	64	130	-	2	4.00	-	-	
Watnall	21-9	117	13.6	6.1	9.9	+0.7	32.3	-5.5	-	-	541	76	27	24 Sep	168	109	38	3	4	14	13	28	57	112	79	1	3.78	106	-	
Staffordshire																														
Keele	9 9	179	12.5	5.5	9.0	-	30.2	-8.8	9.5	9.7	669	83	22	25 May	179	126	25	10	0	8	11	19	62	109	-	1	3.61	-	S	
Oaken	9 9	125	13.4	5.4	9.4	+0.5	32.1	-7.1	10.3	-	640	90	41	24 Sep	163	118	8	4	1	0	11	34	62	98	-	0	-	-	S	
Penkridge	9 9	101	-	(4.8)	-	-	-	-7.4	-	-	659	96	49	24 Sep	167	122	10	6	0	5	7	12	73	103	-	3	-	-	-	
Stone	9 9	107	13.1	5.2	9.1	-	30.8	-7.8	-	-	672	91	33	24 Sep	170	117	30	10	4	0	10	28	68	128	-	1	(3.79)	-	-	
Leicestershire																														
Caldecott	9 9	52	14.1	5.1	9.6	-	33.2	-6.7	-	-	557	99	57	30 Aug	134	104	7	0	0	1	8	40	71	125	-	1	4.00	-	-	
Newtown Linford	9 9	119	13.7	5.1	9.4	-	32.3	-6.3	-	-	508	75	29	24 Sep	156	109	18	7	1	5	11	27	68	110	-	1	3.97	-	-	
Salop																														
Newport	9 9	64	13.7	5.2	9.5	+0.6	32.0	-6.3	-	-	593	90	29	24/25 Sep	168	112	25	8	5	4	13	16	64	122	-	4	4.11	115	-	
Oswestry	9 9	174	12.7	5.8	9.3	+0.4	31.4	-4.5	-	-	892	100	69	25 Sep	165	122	27	16	1	6	12	24	52	139	-	1	3.72	99	-	
Shawbury	21-9	72	13.8	5.3	9.5	+0.2	32.6	-7.5	-	-	625	93	47	25 Sep	155	113	29	5	1	8	12	24	76	-	85	2	3.86	103	-	
Shrewsbury	9 9	56	(13.9)	(5.9)	(9.9)	(+0.4)	32.8	-5.8	(10.7)	(11.5)	(601)	(96)	56	25 Sep	147	113	13	2	0	0	5	31	59	-	0	(3.80)	(102)	-	-	
West Midlands																														
Birmingham	21-9	163	13.3	6.7	10.0	+0.5	32.6	-4.6	10.1	-	-	-	-	-	-	-	34	17	7	6	10	28	40	88	72	2	4.10	115	-	
Edgbaston	21-9	96	13.8	5.5	9.7	+0.5	32.9	-7.1	-	-	567	-	27	30 Aug	145	107	31	10	1	12	13	17	67	111	91	2	4.25	112	-	
Elmdon Airport	9 9	137	13.4	-	-	-	31.9	-4.9	-	-	694	95	35	24 Sep	148	114	-	13	-	-	-	28	-	-	-	-	-	-	-	
King Edward School	9 9	81	13.9	(5.1)	(9.5)	-	33.0	-8.8	10.2	10.3	508	-	29	30 Aug	147	96	14	7	2	0	5	17	78	-	-	2	4.17	-	-	
Coventry Airport	9 9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Warwickshire																														
Long Lawford	9 9	87	14.3	5.1	9.7	-	33.4	-8.1	10.6	-	495	-	45	30 Aug	139	97	25	9	2	2	15	37	70	116	-	6	-	-	-	
Luddington	9 9	56	14.1	5.6	9.9	-	33.2	-7.8	-	-	513	-	42	29 Aug	142	89	11	5	0	2	9	36	66	108	-	0	4.32	-	-	
Moreton Morrell	9 9	85	14.1	5.4	9.7	-	32.5	-7.6	-	-	540	87	30	29 Aug	139	102	10	8	0	1	5	25	66	116	-	1	4.00	-	-	
Rugby	9 9	117	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Shipston-on-Stour	9 9	111	13.9	6.0	9.9	+0.5	32.8	-8.0	9.9	-	562	84	40	29 Aug	147	107	17	9	3	3	11	19	55	120	-	14	4.21	105	-	
Stratford-upon-Avon	9 9	49	(14.5)	5.1	(9.8)	(+0.4)	33.7	-8.0	11.2	-	537	86	43	29 Aug	130	97	4	2	0	0	1	16	68	129	-	3	3.97	104	-	
Wellesbourne	9 9	47	14.3	5.3	9.8	-	33.5	-7.7	(10.6)	-	495	83	32	29 Aug	128	89	0	4	0	0	0	16	64	95	-	0	(4.27)	-	-	
Northamptonshire																														
Bugbrooke Mills	9 9	69	(14.3)	(5.2)	(9.7)	-	33.5	-7.1	(10.6)	(10.3)	532	87	21	28 Aug	145	107	7	9	0	1	0	23	64	-	-	1	(4.13)	-	-	
Raunds	9 9	59	14.4	5.6	10.0	+0.7	34.0	-7.8	10.8	10.7	564	95	59	12 Jul	147	101	11	3	1	2	8	31	58	113	-	2	3.84	102	-	
Hereford & Worcester																														
Lyonshall	9 9	155	(13.3)	(5.6)	(9.5)	(+0.4)	32.2	-6.0	-	-	758	88	43	21 Sep	160	118	-	-	-	-	-	-	60	145	-	-	-	-	-	
Malvern	9 9	62	14.5	6.7	10.6	-	34.6	-7.0	10.9	11.0	696	93	45	25 Sep	143	100	16	12	5	5	9	38	47	90	-	6	4.01	100	-	
Pershore	9 9	40	14.5	6.1	10.3	-	33.5	-6.1	-	-	656	102	67	24 Sep	138	99	17	9	2	7	10	19	56	-	-	7	4.36	-	-	
College of Hort	21-9	35	14.4	5.9	10.1	-	34.0	-7.0	-	-	553	93	59	24 Sep	134	91	22	6	2	10	10	16	64	107	79	2	4.28	-	-	
Royal Radar Est	9 9	84	(14.0)	(5.0)	(9.5)	-	33.2	-7.3	-	-	702	105	47	25 Sep	157	111	5	3	1	2	8	33	(71)	-	-	3	-	-	-	
Preston Wynne	9 9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Gloucestershire																														
Cheltenham	9 9	65	14.5	6.7	10.6	+0.5	35.9	-9.3	-	-	617	93	50	29 Aug	141	104	10	0	0	1	0	0	58	-	-	0	4.19	107	-	
Innsworth	21-9	21	14.6	6.9	10.7	-	34.2	-6.4	-	-	652	-	64	29 Aug	134	96	19	3	2	10	9	18	51	95	67	2	4.41	-	-	
Little Rissington	21-9	226	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Oxfordshire																														
Benson	21-9	67	14.8	6.5	10.7	-	34.7	-9.9	-	-	497	-	26	15 Jul	121	83														

Table 3 (continued)

District Region/County and Place	terminal h (GMT) of observation	height of station above MSL (metres)	air temperature in °C						mean earth temperature		rainfall (terminal h 09 GMT)		weather (number of days)												bright sunshine				
			means of		daily mean (mean of a + b)	difference from 1941-70 average	highest max lowest min		30 cm (°C)	100 cm (°C)	total fall (mm)	percentage of 1941-70 average	most in a day		precip- itation		snow or sleet	snow lying at 9h	hail	ice pellets, etc.	thunder heard	fog at 9h	air frost	grass min below 0 °C	concrete min below 0 °C	gale	daily mean (hours)	percentage of 1941-70 average	exposure
			max (a)	min (b)			max	min					amount (mm)	date	0.2 mm or more	1.0 mm or more													
5 ENGLAND SE & CENTRALS																													
Greater London																													
Bromley	99	65	15.1	6.9	11.0	+0.7	33.0	-7.0	-	-	540	83	26	11 Nov	115	88	-	-	-	-	-	-	29	-	-	-	-	-	-
Enfield	99	17	(15.5)	(7.9)	(11.7)	-	34.6	-3.9	(11.5)	(11.4)	532	-	29	11 Sep	131	90	13	5	1	5	7	4	19	-	-	0	-	-	
Greenwich	99	7	-	-	-	-	-	-	-	-	464	78	21	3 Oct	(129)	(86)	4	2	1	0	9	11	-	-	2	(4.46)	-	-	
Hampstead	99	137	(14.4)	(6.8)	(10.6)	(+0.9)	33.7	-5.2	-	-	502	74	26	10 Sep	(116)	(90)	9	10	0	0	2	8	(45)	-	3	(4.54)	(111)	S	
Hampton	99	12	15.0	7.2	11.1	+0.6	34.5	-5.7	-	-	477	79	29	10 Sep	125	86	11	2	1	2	8	16	41	109	-	1	4.63	110	
Harrow Weald	99	98	(14.9)	(5.7)	(10.3)	-	34.0	-7.0	(11.4)	(11.6)	571	-	27	30 Nov	(134)	(91)	-	-	-	-	-	-	56	-	-	-	-	-	
Heathrow Airport	21-9	25	15.4	7.4	11.4	+1.0	34.8	-5.5	-	-	456	74	25	10 Sep	122	79	17	5	1	6	14	9	40	100	61	0	4.67	-	
Kensington Palace	99	25	(15.3)	(7.7)	(11.5)	(+0.6)	33.9	-5.0	(12.1)	(12.2)	478	75	31	10 Sep	129	86	8	2	2	0	6	6	29	-	2	-	-	-	
Kew	21-9	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Psychrometer	-	-	15.1	6.4	10.7	-	34.2	-7.7	10.9	11.0	473	79	29	10 Sep	121	79	13	6	1	8	19	10	50	111	80	0	4.96	119	
North Wall Screen	-	-	15.1	7.6	11.3	+0.7	34.6	-5.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
London																													
Weather Centre (X)	21-9	77	15.3	9.0	12.1	-	34.8	-2.5	-	-	414	-	23	3 Oct	118	78	16	1	1	7	11	4	14	-	-	0	4.81	126	
St James Park	99	4	15.5	(7.9)	(11.7)	(+0.7)	34.6	-4.4	-	-	457	75	25	3 Oct	125	86	-	1	-	-	-	-	21	(105)	-	-	-	-	
Southgate	99	67	-	-	-	-	-	-	(11.0)	-	510	78	25	10 Sep	116	85	9	1	0	1	7	13	-	-	-	0	-	-	
Waddon																													
Waddon	99	59	-	-	-	-	35.0	-	-	-	(570)	(85)	29	20 Jul	(114)	(82)	-	-	-	-	-	-	-	-	-	-	-	-	
Wealdstone	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(4.29)	-	
Wiltshire																													
Boscombe Down	21-9	126	14.2	6.0	10.1	+0.5	33.7	-10.1	-	-	682	94	56	29 Aug	141	100	14	2	3	6	16	19	58	123	85	2	4.92	116	
Lacock	99	49	-	-	-	-	-	-9.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Larkhill	99	132	14.3	5.6	9.9	+0.6	33.8	-11.1	-	-	684	92	53	29 Aug	138	100	13	1	1	5	10	19	62	-	75	1	-	-	
Lyneham	21-9	145	13.8	6.2	10.0	+0.7	32.9	-8.4	-	-	612	86	32	25 Sep	153	103	22	6	3	11	10	22	56	102	79	1	4.64	-	
Porton	99	110	(14.4)	5.4	(9.9)	(+0.6)	33.9	-11.0	10.4	-	655	86	43	29 Aug	137	92	-	1	-	-	-	14	61	124	93	3	4.77	111	
Upavon	21-9	179	13.9	(6.1)	(10.0)	-	33.2	-7.5	-	-	676	88	48	29 Aug	155	101	15	3	5	8	16	27	55	110	71	2	-	-	
Berkshire																													
Easthampstead	99	77	14.7	4.9	9.8	-	34.2	-11.6	10.6	10.7	580	-	26	15 Jul	121	86	17	5	3	3	23	15	77	125	89	0	(4.80)	-	
Hurley	99	43	(14.7)	(5.6)	(10.1)	-	33.7	-8.8	(11.0)	-	621	89	38	15 Jul	134	95	8	4	0	4	13	36	65	(116)	-	2	(4.55)	-	
Lambourn (Warren Farm)	99	192	(13.4)	(5.5)	(9.5)	-	31.8	-11.6	-	-	590	-	46	4 Jul	(130)	98	-	9	-	-	-	19	60	-	-	-	-	-	
Reading	99	66	14.7	6.2	10.5	-	34.0	-8.4	10.9	10.9	556	-	35	15 Jul	135	88	12	6	2	9	16	24	52	144	100	7	4.88	-	
Shinfield (N.I.R.D.)	99	62	14.8	6.0	10.4	-	34.6	-8.4	-	-	560	-	30	15 Jul	131	90	-	7	-	-	-	39	57	129	-	-	(4.52)	-	
Surrey																													
Merrist Wood	99	46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Mickleham	99	55	(14.8)	(4.9)	(9.9)	(+0.5)	33.6	-8.6	(10.8)	(10.9)	619	83	46	3 Oct	129	92	15	8	3	2	16	20	79	(130)	-	0	-	-	
Wisley	99	35	15.3	5.8	10.5	+0.5	34.9	-8.0	11.2	11.3	548	85	43	10 Sep	132	91	10	9	4	5	14	47	51	111	-	8	4.87	120	
Kent																													
Dover	99	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Dover R.M.S.	99	123	-	6.9	-	-	-	-6.0	-	-	869	102	44	10 Sep	142	104	10	6	0	2	19	21	35	-	-	8	-	-	
Dungeness	99	3	13.4	7.9	10.7	-	26.1	-6.2	-	-	676	100	49	11 Nov	127	94	16	1	3	4	17	11	34	-	-	7	-	-	
East Malling	99	32	14.8	6.3	10.5	+0.8	33.3	-6.3	11.3	11.4	531	79	27	29 Nov	123	83	14	2	1	4	13	17	49	115	86	3	5.08	119	
Elmstone	99	5	14.6	5.4	10.0	-	30.7	-7.5	-	-	626	97	30	20 Jul	124	94	5	1	1	0	10	8	60	-	-	2	-	-	
Faversham	99	48	14.4	6.4	10.4	-	32.0	-7.6	11.2	11.6	588	89	19	12 Feb	126	95	10	5	1	2	9	22	45	-	-	0	5.15	-	
Folkestone																													
Folkestone	99	31	13.9	6.9	10.4	-	32.0	-7.5	-	(12.0)	728	101	39	11 Sep	130	101	10	1	4	6	18	6	43	(77)	-	25	(5.56)	(116)	
Gillingham																													
Gillingham	99	4	14.8	7.2	11.0	-	32.4	-6.2	-	-	503	82	25	10 Sep	120	82	-	-	-	-	-	-	42	-	-	-	-	-	
Goudhurst	99	85	14.4	5.7	10.1	+0.8	33.5	-9.3	-	-	702	84	27	10 Sep	135	101	10	6	2	6	9	9	64	115	-	1	-	-	
Hadlow College	99	30	14.8	5.5	10.1	-	33.1	-6.8	(11.2)	11.6	568	-	26	29 Nov	123	92	12	1	1	0	14	16	62	-	-	2	-	-	
Herne Bay	99	31	13.9	6.9	10.4	-	30.5	-4.5	11.6	-	549	-	22	13 Sep	136	91	0	0	0	2	5	9	32	81	-	0	5.39	122	
Manston	21-9	44	13.8	7.5	10.7	-	31.2	-5.4	-	-	607	100	28	13 Sep	130	93	17	2	8	9	16	10	32	81	57	5	5.28	-	
Margate	99	16	13.5	8.6	11.1	+0.5	29.9	-3.1	11.7	11.7	590	102	30	8 Nov	128	91	4	0	4	5	12	7	19	37	-	4	-	-	
Ulcombe	21-9	47	14.7	5.9	10.3	-	33.6	-7.2	-	-	572	-	27	14 Sep	132	97	19	1	4	3	16	13	65	126	87	1	5.23	-	
Wye	99	56	14.3	6.3	10.3	+0.5	32.8	-7.5	11.2	11.3	713	96	28	14 Sep	134	97	12	5	6	10	26	26	51	128	-	2	5.13	116	
Hampshire																													
Alice Holt Lodge	99	115	14.3	5.4	9.9	+0.5	34.2	-8.7	-	-	693	86	25	10 Sep	144	105	6	2	2	2	13	22	64	116	-	0	4.83	-	
Everton																													
Everton	99	16	14.3	6.8	10.5	-	33.5	-5.0	-	-	678	87	29	29 Aug	131	95	4	1	4	0	14	8	46	96	-	1	5.18	-	
Hayling Island																													
Hayling Island	99	4	(14.4)	(7.9)	(11.1)	-	32.1	-3.2	-	-	628	92	24	10 Sep	117	86	-	-	-	-	-	-	24	-	-	-	(5.41)	-	
Leckford	99	117	14.3	5.7	10.0	+0.5	33.5	-10.9	10.0	-	722	90	52	29 Aug	143	110	3	1	0	0	0	16	55	-	-	3	(4.65)	110	
Long Sutton	99	145	14.2	6.0	10.1	-	33.9	-7.2	11.2	-	702	88	31	3 Oct	143	103	14	3	1	4	12	26	56	-	-	3	(4.98)	(121)	
Martyr Worthly	99	84	14.7	5.4	10.1	-	34.0	-10.3	-	-	(696)	(86)	25	10 Sep	(138)	(108)	6	2	2	1	6	13	65	(134)	-	2	(4.67)	-	
Southampton																													
Mayflower Park	99	3	15.2	7.5	11.3	+0.6	35.6	-5.2	(12.4)	13.2	680	-	29	29 Aug	126	94	6	0	4	4	14	5	34	103	65	0	5.12	115	
Weather Centre (X)	21-9	19	15.1	8.1	11.6	-	35.3	-5.4	-	-	681	-	29	29 Aug	126	93	6	-	4	5	14	5	26	-	47	0	-	-	
Southsea																													
Southsea	99	2	14.7	8.3	11.5	+0.6	32.6	-3.9	12.4	12.6	618	88	31	10 Sep	125	93	4	0	2	3	9	2	22	73	-	7	-	-	
Isle of Wight																													
Ryde	99	4	-	-	-	-	-	-3.7	-	-	693	89	29	29 Nov	125	92	6	0	9	1	7	7	-	-	-	7	5.06	105	
St Catherine's Point	99	16	13.6	(8.4)	(11.0)	(+0.5)	30.0	-3.0	-	-	644	84	27	29 Nov	115	91	12	1	5	6	20	8	13	-	-	34	-	-	
Sandown	99	4	14.3	7.7	11.0	+0.1	29.2	-4.5	-	-	713	92	39	10 Sep	104	93	3	-	7	1	3	2	29	-	-	6	5.66	112	
Shanklin																													
Shanklin	99	55	13.8	7.3	10.5	+0.4	32.7	-5.6	-	-</																			

Table 3 (continued)

District Region/County and Place	max	min	terminal h (GMT) of observation	height of station above MSL (metres)	air temperature in °C						mean earth temperature		rainfall (terminal h 09 GMT)				weather (number of days)										bright sunshine				
					means of		daily mean (mean of a + b)	difference from 1941-70 average	highest max: lowest min		30 cm (°C)	100 cm (°C)	total fall (mm)	percentage of 1941-70 average	most in a day		precipitation		snow or sleet	snow lying at 9h	hail	ice pellets, etc	thunder heard	fog at 9h	air frost	grass min below 0 °C	concrete min below 0 °C	gale	daily mean (hours)	percentage of 1941-70 average	exposure
					max (a)	min (b)			max	min					amount (mm)	date	0.2 mm or more	1.0 mm or more													
7A ENGLAND NW & I.O.M.																															
Cumbria																															
Carlisle	21-9	26	12.8	6.2	9.5	-	31.1	-9.9	10.4	10.5	758	87	27	23 Feb	174	133	31	1	9	0	6	3	46	107	69	1	3.81	-	-		
Cartmel	99	34	(12.7)	(5.4)	(9.1)	-	30.1	-8.6	-	-	1127	-	37	28 Sep	175	148	-	0	-	5	10	55	-	-	-	3	-	-	-		
Grizedale	99	91	-	(3.9)	-	-	-	-10.2	9.0	-	1391	73	39	21 Sep	216	169	29	18	11	1	6	2	(80)	-	-	8	-	-	-		
Heversham	99	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Moor House	99	556	8.5	2.2	5.3	-	25.6	-9.7	6.5	-	1875	93	73	11 Sep	230	184	68	75	10	20	4	54	125	201	37	3.40	-	-	-		
Newton Rigg	99	171	12.3	(5.1)	(8.7)	(+0.5)	29.8	-12.4	9.5	-	816	88	21	2 Jan	(181)	(148)	21	16	2	2	5	4	60	155	-	5	(3.52)	(99)	S		
Sellafield	99	13	(12.7)	(6.9)	(9.8)	-	29.2	-7.0	-	-	1041	96	43	21 Sep	170	150	-	0	-	-	-	17	(29)	(73)	-	-	(4.03)	-	-	-	
Lancashire																															
Bairrigg	99	53	-	-	-	-	29.7	-6.4	(9.1)	-	1250	83	40	2 Jan	201	153	22	21	6	1	5	24	63	117	-	5	-	-	-	S	
Helmshore	99	260	11.6	(5.4)	(8.5)	-	30.8	-6.9	-	-	919	98	43	4 Oct	175	131	9	3	5	8	8	5	-	111	-	2	4.12	-	-	-	
Kirkham	99	24	12.9	-	-	-	31.5	-7.6	-	-	837	85	19	2 Jan	172	125	6	1	5	1	1	2	28	-	-	0	4.02	103	-	-	
Morecambe	99	7	13.1	7.1	10.1	+0.6	-	-	-	-	-	-	-	21 Mar	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
														21 Sep																	
Nelson	99	165	-	-	-	-	-	-	-	-	-	-	-	4 Oct	186	138	15	2	7	7	8	9	42	95	-	4	-	-	-	-	
Preston	99	33	13.2	6.5	9.9	-	31.0	-6.0	-	-	836	83	25	2 Jan	206	154	26	8	6	3	0	15	60	112	-	0	3.71	-	-	-	
Slaidburn	99	192	11.8	5.1	8.5	-	29.4	-6.2	-	-	1247	82	34	21 Sep	176	133	27	0	1	17	12	10	48	70	60	4	4.21	99	-	-	
Squires Gate Airport	21-9	10	13.3	6.7	10.0	+0.5	33.7	-6.9	-	-	872	101	48	1 Jan	(181)	(142)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stonyhurst	99	115	-	-	-	-	-	-7.9	-	-	(1012)	(83)	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Merseyside																															
Aigburth	99	12	(13.5)	(7.2)	(10.3)	-	32.1	-5.3	-	-	(825)	-	43	21 Sep	(182)	(132)	13	0	6	4	8	26	26	-	-	4	-	-	-	-	
St Helens	99	76	(13.3)	(6.2)	(9.7)	-	32.5	-6.1	(10.4)	-	930	-	33	12 Jul	187	139	-	-	-	-	-	-	53	-	-	-	(3.93)	-	-	-	-
														21 Sep																	
Southport	99	5	13.0	6.1	9.5	0.0	32.0	-6.2	(10.3)	10.5	874	105	52	21 Sep	163	132	-	-	-	-	-	-	42	74	-	4	4.22	114	-	-	
Speke Airport	21-9	22	13.6	6.8	10.2	+0.2	32.8	-5.7	-	-	814	-	42	21 Sep	182	128	37	1	14	7	13	17	39	82	66	4	-	-	-	-	
West Kirby Park	99	8	14.0	(7.2)	(10.6)	(+0.7)	32.4	-5.7	-	-	751	101	65	25 Sep	178	123	1	0	3	0	3	-	29	88	-	0	-	-	-	-	-
Greater Manchester																															
Bolton	99	107	12.8	5.7	9.3	-	31.0	-7.0	9.7	9.8	828	-	32	1 Dec	165	137	13	2	1	5	1	21	49	100	-	5	-	-	-	-	
Manchester	21-9	75	13.4	6.9	10.1	+0.7	32.2	-3.5	-	-	673	82	29	24 Sep	171	132	37	2	4	7	9	12	36	66	60	2	4.20	115	-	-	
Ringway Airport	21-9	69	13.8	8.0	10.9	-	32.7	-3.2	-	-	735	-	25	24 Sep	167	123	-	-	-	-	-	7	17	-	-	4	3.88	-	-	-	
Weather Centre (X)																															
Cheshire																															
Knutsford	99	65	(13.7)	(5.7)	(9.7)	-	32.0	-5.1	(10.4)	(10.5)	765	91	26	24 Sep	167	142	11	5	0	2	4	13	51	(102)	-	8	-	-	-	-	
Macclesfield	99	152	(12.8)	(6.0)	(9.4)	(+0.5)	31.0	-7.0	-	-	772	84	35	24 Sep	182	143	25	4	3	1	6	13	54	-	-	5	-	-	-	-	
Ness Gardens	99	55	13.6	(6.4)	(10.0)	-	32.5	-6.5	10.6	-	766	107	80	25 Sep	167	118	12	1	3	6	7	14	38	124	-	7	3.91	-	-	S	
Winnington	99	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Isle of Man																															
Douglas	99	87	12.0	7.3	9.7	+0.4	27.0	-2.2	-	-	1250	110	64	10 Sep	172	143	7	2	12	0	9	9	8	52	-	28	4.26	99	-	-	
Point of Ayre	21-9	9	12.8	7.6	10.2	+0.3	24.5	-3.2	-	-	819	98	27	5 Nov	182	127	3	0	1	0	6	3	10	-	-	27	4.18	97	-	-	
Ronaldsway Airport	21-9	16	12.4	7.3	9.9	+0.4	27.2	-3.9	-	-	931	108	35	20 Mar	180	134	15	0	2	17	12	4	23	51	33	11	4.20	99	-	-	
														5 Nov																	
7B WALES N																															
Gwynedd																															
Aber	99	18	13.8	7.4	10.6	-	32.0	-2.5	-	10.2	988	-	45	11 Sep	179	135	8	0	7	3	3	0	14	58	-	7	(3.67)	-	-	-	
Bala	99	163	12.8	4.5	8.7	-	31.6	-8.0	10.0	(10.3)	950	75	41	11 Sep	181	134	18	4	4	4	8	13	69	-	-	0	-	-	-	-	
Bardsey Island	21-9	16	12.3	8.5	10.4	-	29.5	-1.1	-	-	784	88	36	24 Sep	167	127	1	0	2	2	11	12	2	22	-	39	-	-	-	-	-
														25 Sep																	
Botwnnog	99	34	-	-	-	-	-	-3.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cwmystadlyn	99	204	12.1	(6.5)	(9.3)	-	29.5	-5.0	-	-	1650	-	67	10 Sep	219	169	-	-	-	-	-	-	28	-	-	-	-	3.56	-	-	-
Llyn Alaw	99	44	(13.1)	(6.8)	(9.9)	-	30.5	-3.5	-	-	853	-	34	11 Sep	189	131	-	-	-	-	-	-	(16)	-	-	-	-	4.25	-	-	-
Pen-y-Ffridd	99	84	13.4	6.8	10.1	-	30.6	-3.7	-	-	991	89	71	11 Sep	177	147	8	1	2	9	4	0	27	120	-	11	4.09	-	-	-	
Trawsfynydd	99	193	(12.5)	(5.6)	(9.1)	-	30.8	-5.0	-	-	(1309)	(77)	60	11 Sep	197	160	-	-	-	-	-	-	41	(106)	-	-	-	-	-	-	-
Valley	21-9	10	13.3	7.8	10.5	+0.4	30.6	-4.3	-	-	691	79	49	11 Sep	172	123	14	0	2	17	10	5	18	61	43	23	4.49	102	-	-	-
Clwyd																															
Alwen	99	335	11.1	3.4	7.3	-	30.0	-10.5	-	-	1153	92	80	11 Sep	195	151	-	-	-	-	-	-	97	167	-	-	-	-	-	-	-
Bwlchgwyn	99	386	(11.0)	(4.5)	(7.7)	-	29.0	-8.0	-	-	1742	157	120	14 Nov	182	151	32	35	0	0	7	38	(59)	(100)	-	10	-	-	-	-	
Colwyn Bay	99	24	13.2	7.1	10.1	-	31.0	-3.1	10.8	-	759	101	52	11 Sep	182	119	4	0	5	1	0	4	19	-	-	0	4.24	102	-	-	-
Corwen	99	144	13.2	4.3	8.7	-	31.5	-8.4	-	-	927	88	43	11 Sep	193	123	19	11	0	0	2	-	76	120	-	1	-	-	-	-	-
Hawarden Bridge	99	5	14.2	6.5	10.3	+0.4	33.0	-6.2	-	-	776	110	90	25 Sep	179	138	17	1	2	1	7	13	39	-	-	7	-	-	-	-	-
Loggerheads	99	210	12.2	4.5	8.3	-	30.1	-9.5	9.5	9.6	942	106	59	25 Sep	177	142	26	21	3	3	9	22	77	110	-	2	4.05	-	-	-	S
Ruthin	99	76	13.4	5.7	9.5	-	31.7	-6.5	-	-	725	95	58	11 Sep	156	114	-	7	4	0	0	0	2	46	-	0	3.92	-	-	-	-
Powys (North)																															
Ceinws	99	61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lake Vyrnwy	99	303	11.3	4.6	7.9	0.0	30.1	-6.8	8.6	-	1241	76	47	25 Sep	198	152	42	27	12	0	9	38	77	115	-	13	-	-	-	-	-
Moel Cynnedd	99	358	(11.3)	(3.2)	(7.3)	-	29.1	-9.4	-	-	1645	-	58	12 Feb	210	166	31	30	4	7	10	10	100	-	-	0	-	-	-	-	-
8A WALES S																															
Dyfed																															
Aberporth	21-9	134	12.3	7.3	9.8	+0.1	31.5	-4.1	-	-	729	77	32	25 Sep	169	118	17	1	16	3	16	7	18	81	41	16	4.29	100	-	-</	

Table 3 (continued)

District Region/County and Place	terminal h (GMT) of observation		height of station above MSL (metres)	air temperature in °C					mean earth temperature		rainfall (terminal h 09 GMT)		weather (number of days)												bright sunshine					
	max	min		means of		highest max lowest min	difference from 1941-70 average	max	min	30 cm (°C)	100 cm (°C)	total fall (mm)	percentage of 1941-70 average	most in a day		precip- itation		snow or sleet	snow lying at 9h	hail	ice pellets, etc	thunder heard	fog at 9h	air frost	grass min below 0 °C	concrete min below 0 °C	gale	daily mean (hours)	percentage of 1941-70 average	exposure
				max (a)	min (b)									daily mean (mean of a + b)	0.2 mm or more	1.0 mm or more														
NORTHERN IRELAND																														
Londonderry																														
Aghalloo	99	18	12.9	6.0	9.5	-	28.0	-8.0	-	-	759	-	23	25 Sep	179	153	-	-	-	-	-	-	28	82	-	-	-	-	-	-
Banagher (Caugh Hill)	99	216	11.8	4.7	8.3	-	26.8	-6.4	-	-	1287	-	42	14 Oct	241	182	30	23	2	0	3	3	63	116	45	3.44	-	-	-	
Carmoncy	99	73	12.7	5.8	9.3	-	27.5	-7.0	-	-	896	-	27	11 Oct	220	164	8	4	2	0	2	12	39	100	-	-	-	-	-	
Coleraine University	99	23	12.3	5.5	8.9	-	26.9	-7.5	9.6	9.9	869	-	32	14 Oct	211	155	28	8	4	5	1	21	37	100	2	3.44	92	-	-	
Coolkeeragh	99	3	13.2	6.2	9.7	-	28.7	-6.3	-	-	801	-	28	23 Oct	168	147	-	-	-	-	-	-	27	-	-	-	-	-	-	
Derrynoyd Forest	99	88	12.6	5.0	8.8	-	27.5	-7.8	-	-	1256	103	41	25 Sep	225	178	14	-	1	0	2	4	53	134	-	-	-	-	-	
Garvagh Forest	99	88	12.3	4.8	8.5	-	26.8	-8.0	9.8	9.6	1094	91	38	14 Oct	206	161	19	14	8	0	3	0	59	134	-	-	-	-	-	
Loughmore Forest	99	174	12.0	4.5	8.3	-	28.0	-10.5	-	-	1088	94	44	14 Oct	243	185	43	25	11	3	4	20	77	134	20	-	-	-	-	
Moneydig	99	34	13.0	4.9	8.9	+0.2	27.3	-7.5	10.8	-	962	93	35	14 Oct	197	155	21	13	8	6	5	17	60	139	84	10	-	-	-	
Somerset Forest	99	43	13.0	5.2	9.1	-	27.5	-6.4	-	-	628	82	33	14 Oct	202	155	-	-	-	-	-	-	36	-	-	-	-	-	-	
Tradd Point	99	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Antrim																														
Aldergrove Airport	21-9	68	12.6	6.1	9.3	+0.4	27.9	-5.2	10.3	10.3	811	89	47	14 Oct	187	132	31	4	4	6	4	13	39	97	66	4	3.65	104	-	-
Altnahinch	99	226	11.1	4.8	7.9	-	26.2	-6.5	-	-	1371	89	58	14 Oct	235	188	28	20	3	4	0	3	52	129	14	3.29	-	-	-	
Ballylumford	99	24	12.6	6.7	9.7	-	24.7	-5.5	-	-	949	-	41	14 Oct	178	128	-	-	-	-	-	-	8	71	-	-	-	-	-	
Ballymoney	99	55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ballypatrick Forest	99	152	11.7	5.2	8.5	-	26.6	-7.0	-	-	1312	102	72	14 Oct	229	189	4	-	0	0	0	3	27	95	8	3.77	-	-	-	
Carnlough	99	12	12.7	6.1	9.4	-	24.5	-5.5	-	-	1045	-	65	14 Oct	203	153	-	-	-	-	-	-	28	-	-	-	-	-	-	
Divis Mountain	99	363	10.3	4.1	7.2	-	24.0	-5.3	-	-	1307	107	91	10 Sep	175	162	-	-	-	-	-	-	-	-	-	-	-	-	-	
Greenmount	99	32	13.0	5.5	9.3	-	28.1	-5.6	10.4	-	828	95	43	14 Oct	179	133	7	5	0	0	1	-	51	93	-	-	-	-	-	
Kilroot Power Station	99	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Larne	99	43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Lisnafillan	99	38	12.6	4.6	8.6	-	27.2	-9.5	-	-	941	95	33	10 Sep	199	154	6	2	0	0	0	9	64	131	-	-	3.67	-	-	
Lowtown	99	271	10.7	4.8	7.7	-	25.3	-6.9	8.5	-	1361	95	70	10 Sep	237	167	15	19	2	0	1	56	54	132	13	3.23	-	-	-	
Mallusk (Hyde Park)	99	140	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Parkmore Forest	99	235	10.9	4.4	7.7	-	24.4	-6.0	9.0	-	1644	99	81	14 Oct	241	194	22	21	4	0	0	9	67	161	6	-	-	-	-	
Woodburn North	99	217	11.1	4.9	8.0	-	25.0	-5.2	-	-	1261	104	80	10 Sep	222	165	10	10	1	0	1	52	51	111	-	-	-	-	-	
Belfast																														
Malone	99	35	12.9	-	-	-	28.4	-4.0	10.1	-	914	-	50	14 Oct	191	146	-	-	-	-	-	-	117	-	-	3.84	-	-	-	
Milltown	99	37	13.2	5.9	9.5	-	27.2	-4.0	-	-	938	-	57	14 Oct	179	141	15	6	2	2	6	8	39	102	24	-	-	-	-	
Newtownabbey	99	32	12.7	7.1	9.9	-	25.3	-4.8	10.7	-	952	94	60	10 Sep	183	139	17	4	9	0	5	7	15	96	62	5	3.69	-	5	
Rosebank	99	47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Rosetta	99	24	12.9	6.2	9.5	-	26.5	-4.7	-	-	965	103	51	14 Oct	176	148	-	3	-	-	-	-	31	-	-	-	-	-	-	
Stormont Castle	99	56	12.6	6.2	9.4	-	26.5	-5.6	10.3	10.5	919	98	56	14 Oct	178	140	9	5	3	0	0	5	26	108	-	-	3.68	-	-	
Down																														
Bangor Seacourt	99	15	12.7	7.3	10.0	-	25.6	-3.4	10.6	11.1	839	-	41	10 Sep	180	125	7	3	5	6	8	4	9	-	-	-	-	-	-	
Ballywalter Park	-	11	-	-	-	-	-	-	-	-	809	95	51	14 Oct	183	136	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ballywatlicock	-	6	12.6	6.2	9.4	-	25.1	-6.3	-	-	801	102	51	10 Sep	181	124	6	2	1	3	4	5	34	88	4	3.98	-	-	-	
Creightons Green	99	119	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Downpatrick	99	26	-	-	-	-	27.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Helens Bay	99	43	12.7	6.8	9.7	-	26.4	-3.2	-	-	866	101	48	10 Sep	180	130	8	1	0	6	7	6	14	76	9	3.98	-	-	-	
Hillsborough	99	116	12.1	5.2	8.7	0.0	26.0	-5.0	9.6	9.7	874	97	50	14 Oct	189	136	10	1	1	0	3	15	47	126	5	3.95	114	-	-	
Kilkeel	21-9	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Killough	21-9	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Murlough	99	9	13.0	5.6	9.3	-	25.4	-8.1	9.5	9.7	1024	-	56	20 Mar	171	127	5	1	2	1	6	2	41	85	11	4.03	-	-	-	
Armagh																														
Armagh	99	62	12.9	5.8	9.3	0.0	29.0	-4.4	11.1	11.4	748	87	33	16 Jun	201	132	15	4	2	5	3	11	44	122	13	3.26	94	-	-	
Loughgall	99	25	12.9	5.5	9.2	-	28.0	-6.3	-	-	735	92	26	16 Jun	205	127	12	3	1	4	2	-	52	117	4	3.52	-	-	-	
Lurgan	99	55	13.1	5.8	9.5	-	28.9	-6.0	10.3	10.5	786	96	45	22 Oct	175	123	3	-	0	0	0	-	40	-	-	3.46	-	-	-	
Portadown	99	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Tandragee	99	43	13.8	5.5	9.7	-	29.8	-6.2	-	-	759	-	33	14 Oct	151	129	-	-	-	-	-	-	48	-	-	-	-	-	-	
Tyrone																														
Carrigans	21-9	113	12.5	5.6	9.1	-	28.2	-6.5	-	-	1079	95	33	11 Oct	228	170	31	13	12	9	8	17	43	122	70	2	3.28	-	-	
Cookstown	99	77	12.6	4.9	8.7	-	27.0	-8.0	9.8	-	951	95	29	25 Sep	209	161	13	4	0	0	0	19	66	123	-	-	3.50	-	-	
Lough Bradan	99	169	11.8	4.3	8.1	-	28.0	-8.5	-	-	1425	101	36	11 Oct	228	193	-	10	-	-	-	6	74	136	-	-	-	-	-	
Pomeroy Forest	99	174	11.7	4.9	8.3	-	26.0	-7.6	-	-	1144	102	36	25 Sep	219	169	15	-	1	0	1	19	53	131	-	-	-	-	-	
Strabane Convent	99	44	13.1	6.0	9.5	-	30.0	-6.2	-	-	968	101	20	10 Sep	229	183	19	7	14	3	4	15	35	-	-	24	3.40	-	-	
Tieveenny	99	41	-	5.3	-	-	28.5	-7.0	-	-	944	-	29	11 Oct	230	166	-	-	-	-	-	-	49	-	-	-	-	-	-	
Fermanagh																														
Castle Archdale	99	66	12.7	5.3	9.0	+0.3	29.1	-5.3	-	10.4	976	85	37	11 Oct	213	181	7	2	3	0	1	13	46	121	1	3.22	91	-	-	
Forest	99	156	12.0	5.6	8.8	-	28.0	-3.8	-	-	1051	-	35	5 Jul	204	195	21	-	23	1	6	16	29	96	55	-	-	-	-	
Corgary	9																													

Table 4 Summary of observations at fixed hours

1976

District Region/County and Place	Height of barometer above msl (metres)	Hours of observation (GMT)	mean pressure		mean temperature and humidity				cloud amount						visibility										wind speed and direction																				
			at MSL (mb)	difference from 1941-70 average	dry bulb (°C)	depression of wet bulb (°C)	vapour pressure (mb)	relative humidity (%)	oktas						0-30m	40-190m	200-390m	400-990m	1000-1900m	2000-3900m	4-9km	10-19km	20-39km	40km and over	beaufort force				N	NE	E	SE	S	SW	W	NW									
									0	1-2	3-5	6-7	8	sky obscured											8 or more	6-7	4-5	1-3									calm								
																																						speed (kt)							
																																						34 or more	22-33	11-21	1-10	0			
																																						number of observations							
0 SCOTLAND N																																													
Shetland																																													
Lerwick	83	3	1012.3	—	—	—	—	6.3	5	38	47	112	149	15	0	12	3	1	2	21	73	80	142	32	8	60	158	123	17	44	17	13	43	77	50	68	37								
		9	1012.6	+2.4	—	—	—	6.3	1	23	68	144	120	10	0	7	3	6	3	17	61	83	130	56	11	71	180	95	9	41	27	17	39	102	36	65	30								
		15	1012.5	—	7.9	—	8.8	—	6.3	3	23	73	149	115	3	0	2	0	3	6	20	70	83	123	59	6	64	202	88	6	27	29	12	50	102	40	71	29							
		21	1012.6	—	—	—	—	6.1	3	45	57	118	126	17	0	12	4	3	6	15	66	88	126	46	11	50	160	129	16	44	19	21	38	85	56	60	27								
Orkney																																													
Kirkwall	26	3	1012.2	—	7.0	0.7	9.3	90	6.0	8	50	46	131	120	11	0	6	6	3	2	7	60	73	156	53	8	42	157	146	15	22	15	29	57	94	36	71	27							
		9	1012.6	+2.0	8.3	1.1	9.7	85	6.0	2	39	63	163	96	3	0	0	2	2	5	13	49	83	135	77	4	42	181	130	9	32	22	26	51	96	35	66	29							
		15	1012.4	—	9.3	1.5	9.8	81	5.9	2	46	52	184	81	1	0	0	0	1	2	7	44	75	141	96	2	53	193	109	9	28	18	30	74	76	25	73	33							
		21	1012.6	—	7.4	0.8	9.5	88	6.0	3	52	48	153	105	5	0	1	4	2	8	58	79	139	71	9	41	159	144	13	25	14	31	64	90	32	70	27								
Western Isles																																													
Benbecula	7	3	1011.9	—	8.0	0.7	9.9	89	5.4	22	56	63	113	112	0	0	0	0	1	1	9	35	76	147	97	3	35	151	155	22	35	19	32	55	83	45	54	21							
		9	1012.1	+1.3	9.2	1.1	10.3	86	5.8	9	47	61	142	104	3	0	1	1	2	4	13	47	66	129	103	4	37	176	138	11	17	20	35	58	88	53	51	33							
		15	1012.0	—	10.3	1.5	10.5	81	5.7	5	52	76	136	97	0	0	0	0	2	13	35	68	137	111	5	50	181	123	7	23	22	24	57	73	66	64	30								
		21	1012.3	—	8.5	0.9	10.1	88	5.5	12	70	54	125	105	0	0	0	0	2	3	5	40	60	146	110	5	37	145	167	12	32	26	35	59	71	57	37								
Stornoway	5	3	1011.9	—	7.5	0.6	9.7	91	5.1	21	72	68	90	114	1	0	1	1	0	1	3	36	92	195	37	2	33	121	184	26	27	13	31	27	78	65	65	34							
		9	1012.1	+1.4	8.7	1.0	10.1	86	5.8	10	43	69	142	102	0	0	0	0	2	6	47	77	158	76	2	33	140	183	8	22	23	31	34	100	57	58	33								
		15	1011.9	—	9.9	1.5	10.2	81	6.0	2	40	59	176	88	1	0	0	0	2	3	5	33	74	164	85	5	43	170	142	6	19	35	28	37	97	53	61	30							
		21	1012.2	—	8.2	0.8	10.0	88	5.5	12	60	66	114	113	1	0	0	0	1	2	4	36	83	183	57	5	22	130	201	8	35	24	35	38	75	69	51	31							
Highland																																													
Cape Wrath	113	3	1011.2	—	8.0	0.9	9.7	88	5.4	16	53	92	74	120	11	0	4	7	1	0	4	14	32	169	135	5	47	127	173	14	16	19	61	35	50	94	51	26							
		9	1011.5	—	8.4	0.9	9.9	88	6.0	10	29	82	113	119	13	1	7	7	0	0	3	21	35	163	129	9	47	125	180	5	24	21	53	47	57	86	50	23							
		15	1011.4	—	9.0	1.0	10.2	87	6.0	5	29	82	124	111	15	3	6	6	0	1	3	26	50	162	109	12	38	130	180	6	19	27	58	40	37	96	61	22							
		21	1011.5	—	8.2	0.9	9.9	88	5.6	4	57	88	92	119	6	0	5	0	2	0	0	18	49	180	112	10	44	122	177	13	20	25	56	40	50	80	59	23							
Wick	37	3	1012.6	—	6.9	0.8	9.1	87	5.7	9	57	46	161	84	9	0	5	4	4	6	11	50	69	145	72	2	33	147	181	3	28	11	23	60	93	49	76	23							
		9	1012.9	+2.0	8.2	1.2	9.4	83	6.1	1	42	50	195	74	4	0	1	6	3	6	13	46	60	119	112	3	35	176	150	2	32	16	19	63	97	41	63	33							
		15	1012.6	—	9.4	1.7	9.6	79	6.1	4	32	49	230	51	0	0	0	0	2	5	8	42	63	124	122	4	40	197	123	2	27	14	27	83	81	34	56	42							
		21	1012.9	—	7.6	1.0	9.3	85	5.7	1	54	65	164	78	4	0	2	2	3	1	14	51	67	142	84	3	30	159	167	7	28	15	26	59	89	48	59	35							
1 SCOTLAND E																																													
Grampian																																													
Dyce	59	3	1013.7	—	6.5	0.9	8.9	87	5.8	15	53	39	131	114	14	0	4	5	12	9	34	60	47	96	99	1	6	72	224	63	34	10	20	46	61	45	46	41							
		9	1014.0	+2.0	8.6	1.6	9.2	79	6.1	5	40	44	172	104	1	0	0	1	3	9	30	69	55	84	115	0	5	122	217	22	33	9	41	36	95	32	45	53							
		15	1013.5	—	10.6	2.4	9.5	72	6.0	6	45	48	172	94	1	0	0	1	8	23	67	57	95	114	0	0	9	156	190	11	29	13	46	66	88	30	38	45							
		21	1013.9	—	7.8	1.2	9.2	83	5.9	9	49	48	145	110	5	0	1	2	6	8	38	84	41	98	88	0	4	99	220	43	34	10	30	49	77	43	43	37							
Fraserburgh	22	3	1013.3	—	7.9	0.9	8.7	87	5.7	9	59	62	83	145	8	2	0	0	6	0	2	10	126	220	0	6	33	134	192	1	19	11	18	64	102	50	68	33							
		9	1013.7	+2.1	8.9	1.3	9.9	83	6.1	6	28	79	108	140	5	0	2	0	4	0	1	11	105	243	0	5	41	142	178	0	21	18	23	61	97	36	66	44							
		15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—								
		21	1013.4	—	8.5	1.1	9.9	85	5.8	9	41	86	79	148	3	0	1	1	2	0	1	9	119	232	1	6	31	125	204	0	25	13	27	76	89	48	52	36							
Kinloss	6	3	1013.0	—	7.2	1.1	8.9	85	5.7	12	54	44	180	72	4	0	0	5	3	2	9	41	68	117	121	2	14	103	224	23	12	11	48	25	77	117	39	14							
		9	1013.4	+1.9	8.7	1.6	9.3	79	5.8	7	48	53	203	55	0	0	0	0	1	4	3	47	62	107	142	2	19	131	201	13	27	13	41	29	54	103	60	26							
		15	1012.8	—	11.1	2.6	9.6	71	5.8	3	40	67	209	47	0	0	0	0	0	3	4	40	61	111	147	2	28	163	166	7	57	28	46	34	42	79	52	21							
		21	1013.3	—	8.4	1.4	9.3	81	5.7	6	55	55	184	65	1	0	0	1	4	1	5	47	69	111	128	2	14	107	228	15	16	28	51	34	73	87	43	19							
Lossiemouth	6	3	1012.9	—	6.9	1.1	8.7	84	5.7	13	55	45	180	68	5	0	2	3	9	4	9	34	68	120	117	2	23	112	212	17	19	9	35	70	57	82	60	17							
		9	1013.2	—	8.7	1.7	9.2	78	5.9	5	48	42	205	66	0	0	0	2	3	4	7	45	60	102	143	3	20	155	182	6	23	16	51	48	44	77	79	22							
		15	1012.7	—	10.6	2.4	9.4	71	5.9	3	42	53	207	61	0	0	0	1	0	8	4	32	68	95	158	4	33	162	163	4	32	25	61	54	34	62	67	27							
		21	1013.1	—	8.2	1.4	9.2	81	5.9	10	51	42	162	80	1	0	0	3	3	0	11	51	78	106	114	3	19	118	215	11	19	15	61	62	50	81	48	19							
Tayside																																													
Usan	35	9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—								
		15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—								
		21	1014.5	—	8.4	0.9	10.2	88	5.3	18	69	57	106	105	11	3	1	1	8	4	4	34	34	69	208	2	40	146	131																

[illegible]

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 (°C)	depression of wet bulb (°C)	vapour pressure (mb)	relative humidity (%)	oktas						0-39m	40-190m	200-390m	400-990m	1000-1900m	2000-3900m	4-9km	10-19km	20-39km	40km and over	beaufort force					N	NE	E	SE	S	SW	W	NW				
									mean	0	1-2	3-5	6-7	8											sky obscured	speed (kt)															
																										34 or more	22-33	11-21	1-10									0			
																																							number of observations		
4 MIDLAND COUNTIES																																									
West Yorkshire																																									
Huddersfield	235	3	1015.5	—	6.3	0.9	8.6	88	6.5	21	16	46	66	213	4	1	14	18	26	12	41	76	124	53	1	5	13	92	244	12	34	36	35	27	23	39	118	42			
Oakes	9	1015.9	—	8.5	1.2	9.8	85	6.1	17	28	54	116	150	1	1	6	8	32	9	27	104	96	83	0	3	16	109	229	9	39	49	27	23	27	51	85	56				
	15	1015.2	—	11.3	2.6	9.9	73	6.2	17	18	54	148	129	0	0	6	2	13	7	22	48	124	144	0	7	42	137	179	1	34	40	27	34	33	45	98	54				
	21	1015.7	—	8.2	1.2	9.6	85	5.7	30	28	62	103	142	1	1	5	6	15	8	27	39	115	150	0	6	25	111	222	2	45	38	33	24	31	46	90	57				
Wiltshire																																									
Wiltshire	267	3	1015.7	—	6.4	0.6	9.2	92	5.7	28	55	45	54	154	30	1	15	8	9	11	33	116	171	2	0	1	14	92	199	60	19	17	43	33	31	42	99	22			
	9	1015.9	—	7.9	1.1	9.5	86	5.7	14	49	68	87	116	32	0	11	13	22	14	27	92	147	38	2	0	16	123	200	27	18	26	57	41	27	55	85	30				
	15	1015.0	—	10.5	—	—	—	—	5.8	18	30	79	112	108	19	0	7	8	13	20	14	69	165	70	0	2	18	158	174	14	18	28	58	38	35	45	109	21			
	21	1015.7	—	7.7	1.1	9.5	87	5.5	26	55	64	57	144	20	0	10	6	9	16	24	90	184	27	0	1	11	96	227	31	13	25	63	45	30	44	102	13				
South Yorkshire																																									
Finningley	15	3	1015.5	—	7.1	0.7	9.5	89	5.3	38	48	56	96	118	10	0	7	10	20	23	46	101	67	75	17	0	7	56	281	22	63	8	35	33	62	40	62	41			
	9	1016.0	+1.5	9.7	1.7	10.1	80	5.6	20	54	46	133	109	4	0	5	2	15	19	43	80	106	80	16	1	4	113	243	5	53	24	30	44	56	43	61	50				
	15	1015.1	—	13.0	3.5	9.8	66	5.7	12	53	55	148	92	6	0	3	1	6	4	16	62	111	133	30	0	6	156	203	1	42	30	45	43	52	60	61	32				
	21	1015.7	—	9.0	1.4	9.9	82	5.1	29	72	50	117	91	7	0	5	5	10	17	32	88	96	92	21	0	8	60	288	10	42	33	61	41	48	34	69	28				
Nottinghamshire																																									
Watnall	119	3	1015.9	—	7.3	0.6	9.7	91	5.2	41	63	35	91	128	8	0	6	3	14	22	52	116	108	45	0	0	3	68	269	26	56	49	30	15	26	70	76	18			
	9	1016.3	+1.7	9.3	1.5	10.1	83	5.8	21	47	43	121	126	8	1	7	6	14	34	46	122	86	48	2	0	4	113	238	11	27	58	42	22	29	81	70	26				
	15	1015.3	—	12.7	3.1	10.1	69	5.9	9	47	58	149	101	2	0	3	2	4	16	33	63	103	116	26	0	4	157	198	7	25	45	52	25	40	66	75	31				
	21	1016.0	—	9.1	1.4	10.0	83	5.2	32	71	47	94	117	5	1	1	5	9	18	43	116	118	53	2	0	3	93	253	17	32	57	54	16	32	60	67	31				
Salop																																									
Shawbury	76	3	1015.9	—	7.1	0.7	9.4	90	5.4	27	56	61	97	115	10	0	9	4	10	24	42	71	73	124	9	0	3	54	276	33	38	21	56	32	45	52	68	21			
	9	1016.3	+1.5	9.3	1.5	10.1	83	5.8	13	42	63	134	108	6	0	7	5	12	19	35	71	68	121	28	0	2	87	268	9	38	16	66	38	52	49	67	31				
	15	1015.3	—	12.8	3.0	10.4	70	5.9	7	24	86	160	88	1	0	1	0	4	10	25	59	82	118	67	0	8	134	220	4	54	27	50	35	56	36	73	31				
	21	1015.9	—	9.1	1.4	10.0	83	5.4	21	60	62	108	111	4	0	9	1	5	19	28	82	77	120	25	1	3	53	296	13	65	23	59	23	45	47	67	24				
West Midlands																																									
Edgbaston	165	9	1016.4	+1.2	9.0	1.5	9.7	82	6.0	21	40	34	139	117	15	0	6	7	15	22	31	110	131	38	6	0	2	69	266	29	48	30	42	24	61	53	56	23			
	15	1015.4	—	12.5	3.4	9.4	65	6.0	15	32	62	156	99	2	0	0	1	9	12	13	87	149	60	35	0	5	103	245	13	38	33	28	26	62	51	69	36				
	21	1016.0	—	10.1	2.1	9.7	77	5.3	28	61	53	117	104	3	0	1	0	9	8	21	92	170	51	14	1	0	66	267	32	49	28	46	29	53	34	62	33				
Elmdon																																									
Elmdon	100	3	1016.1	—	7.1	0.8	9.3	88	5.4	34	59	49	97	117	10	0	7	3	7	28	29	84	122	75	11	0	6	58	259	43	41	22	35	41	48	54	47	35			
	9	1016.4	+1.3	9.4	1.7	9.8	80	5.9	19	44	37	151	105	10	0	2	4	11	21	27	100	146	48	7	0	4	111	246	5	40	38	38	45	60	54	40	46				
	15	1015.4	—	12.9	3.5	9.6	65	5.8	12	43	60	160	91	0	0	0	0	2	13	16	54	177	82	22	0	7	150	206	3	25	41	41	38	63	54	47					
	21	1016.1	—	9.5	1.8	9.7	79	5.1	25	81	44	113	101	2	0	1	1	7	12	32	84	144	78	7	1	3	72	273	17	35	40	38	42	51	51	46	46				
Hereford & Worcester																																									
Pershore	36	3	1016.0	—	7.4	0.9	9.5	88	5.1	41	64	55	86	116	4	0	8	3	3	12	28	89	106	84	33	0	5	61	246	54	36	46	35	24	49	62	37	23			
	9	1016.3	—	9.8	1.7	10.1	80	5.8	25	42	42	140	114	3	0	8	2	6	10	34	70	104	100	32	1	3	111	236	15	39	35	60	30	45	70	44	28				
	15	1015.4	—	13.4	3.6	10.0	60	6.0	11	40	53	163	97	2	0	2	1	2	3	20	42	105	130	61	0	12	141	208	5	39	41	50	22	46	68	59	36				
	21	1015.9	—	9.8	1.8	10.0	85	5.0	36	76	44	90	118	2	0	5	1	4	9	23	64	110	117	33	1	2	82	258	23	44	38	60	23	53	63	40	22				
Gloucestershire																																									
Innsworth	—	3	1015.9	—	8.2	0.9	10.1	88	5.2	36	58	60	102	103	7	0	5	6	4	7	29	111	96	89	19	0	4	39	201	122	24	29	30	18	36	53	42	12			
	9	1016.4	—	10.4	1.7	10.6	81	5.7	22	44	44	150	98	8	0	6	2	10	7	31	118	85	78	29	0	3	79	234	50	47	46	36	20	36	65	46	20				
	15	1015.4	—	13.9	3.5	10.6	66	5.8	5	51	62	158	87	3	0	4	0	1	10	15	83	98	103	52	0	7	124	218	17	47	48	36	29	33	75	63	28				
	21	1016.0	—	10.6	1.8	10.6	79	5.1	36	59	50	113	96	2	0	2	0	3	5	26	114	93	98	25	1	2	48	246	69	26	36	36	21	42	70	41	25				
Oxfordshire																																									
Benson	74	3	1016.3	—	7.8	0.9	9.8	88	5.0	43	73	49	71	128	2	0	3	1	8	20	41	86	85	109	13	0	3	55	215	93	51	29	27	25	58	35	29	19			
	9	1016.8	—	10.0	1.7	10.2	80	5.7	20	48	45	142	109	2	1	4	2	5	7	38	81	107	80	41	0	1	96	238	31	64	32	33	26	60	47	50	23				
	15	1015.7	—	13.7	3.8	10.0	64	5.9	6	40	61	167	91	1	0	1	0	1	7	22	49	89	109	88	0	3	145	207	11	43	36	37	24	51	63	67	34				
	21	1016.4	—	10.1	1.8	10.1	79	5.1	27	70	67	98	103	1	0	1	0	2	7	30	83	83	115	45	1	0	64	241	60	39	41	46	24	64	48	30	14				
Brize Norton																																									
Brize Norton	92	3	1016.1	—	7.4	0.9	9.4	87	5.0	66	46	35	87	127	5	0	3	6	4	12	55	102	82	87	15	0	0	58	271	37	47	61	34	18	16	59	75	19			
	9	1016.6	—	9.7	1.8	9.8	79	5.7	24	48	39	141	112	2	0	1	5	5	14	35	84	93	102	27	0	3	95	256	12	29	61	56	25	30	69	62	22				
	15	1015.5	—	13.3	3.8	9.4	63	5.8	9	40	61	166	90	0	0	0	0	2	4	16	50	94	147	53	0	3	146	214	3	30	52	44	26	35	77	71	28				
	21	1016.2	—	9.9	2.0	9.7</																																			

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 (°C)	depression of wet bulb (°C)	vapour pressure (mb)	relative humidity (%)	oktas						0-39m	40-190m	200-390m	400-990m	1000-1900m	2000-3900m	4-9km	10-19km	20-39km	40km and over	beaufort force					N	NE	E	SE	S	SW	W	NW																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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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 (°C)	depression of wet bulb (°C)	vapour pressure (mb)	relative humidity (%)	oktas						0-39m	40-190m	200-390m	400-990m	1000-1900m	2000-3900m	4-9km	10-19km	20-39km	40km and over	beaufort force					N	NE	E	SE	S	SW	W	NW																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
									mean	0	1-2	3-5	6-7	8											sky obscured	speed (kt)	8 or more	6-7	4-5									1-3	calm																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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Avon Filton	61	3	1016.2	—	8.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	

Table 5 Number of days with maximum and minimum temperatures between given limits during 1976

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)	3	75	134	124	30	0	0	0	0	0	1	39	125	157	44	0	Kew (psychrometer)	1	30	78	93	64	52	33	15	0	0	6	40	91	124	88	17								
Lerwick (screen)	2	74	134	123	33	0	0	0	0	0	1	46	127	146	46	0	Kew (North-wall screen)	1	32	78	90	62	52	36	15	0	0	1	32	87	116	103	27								
Stornoway	0	34	128	130	60	14	0	0	0	0	0	33	116	141	76	0	Southampton	0	26	67	113	64	53	29	14	0	0	1	36	89	114	96	30								
Craibstone	1	69	89	111	60	34	2	0	0	0	2	55	142	100	67	0	Hastings	1	30	92	89	76	59	13	6	0	0	24	99	105	94	44									
Abbotsinch	1	44	87	108	75	33	18	0	0	0	9	43	110	130	68	6	Stonyhurst																								
Rothsay	0	45	100	110	75	27	9	0	0	0	0	17	129	127	83	10	Douglas	0	34	108	125	71	19	9	0	0	0	9	115	139	89	14									
Eskdalemuir (psychrometer)	1	82	105	78	62	29	9	0	0	3	13	62	127	115	46	0	Valley	0	14	97	129	86	21	18	1	0	0	18	87	138	112	11									
Eskdalemuir (screen)	0	82	100	80	66	27	11	0	0	2	12	60	127	118	46	1	Rhoose	2	32	85	105	71	40	26	5	0	0	1	38	80	148	85	14								
Hull	0	46	71	103	65	53	27	1	0	0	32	116	114	92	12		Falmouth	0	9	88	140	71	53	5	0	0	0	15	92	144	96	19									
Gorleston	0	43	79	104	71	66	3	0	0	0	25	111	96	92	42		Aldergrove	2	41	101	95	85	31	11	0	0	0	1	34	123	117	84	7								
Cambridge (Botanic Garden)	2	38	70	99	60	52	30	15	0	0	4	53	106	106	87	10	Armagh	2	37	96	102	85	30	14	0	0	0	45	123	113	79	6									
Edgbaston	5	48	87	91	59	42	23	11	0	0	0	43	93	121	95	14																									

Table 6 Summary of autographic records of wind for 1976

District Region/County and Place		height of vane in metres			distribution of hourly mean values of wind speed										highest values							
		above MSL	above ground	effective height	34 kt or more (gale force)				22-33 kt		11-21 kt	4-10 kt	less than 4 kt	mean hourly wind speed (kt)	veer from N	speed kt	hourly wind		gust			
					number of days	number of hours	number of days	number of hours	hours of no record	date	hour beginning	veer from N	speed kt				date	time				
0 SCOTLAND N																						
Shetland	Lerwick	93	10	10	33	216	164	1404	4405	2222	522	15	14.8	290	49	29 Feb	23	290	74	29 Feb	2306	
Orkney	Kirkwall Airport . .	41	15	10	24	127	129	996	4231	2749	681	0	13.3	290	50	20 Jan	15	280	76	20 Jan	1442	
Western Isles	Benbecula	16	10	10	13	80	119	960	3941	3111	692	0	12.7	280	48	20 Jan	12	270	80	20 Jan	0706	
	Stornoway	12	10	10	21	76	118	815	3412	3576	883	22	11.7	190	39	27 Nov	19	280	66	19 Jan	2124	
Highland	Dalcross	19	10	10	2	6	51	288	2999	3914	1563	14	9.4	230	36	28 Mar	12	260	68	20 Jan	1442	
	Downreay	34	12	9	20	90	124	884	3339	3146	1278	47	11.5	280	46	20 Jan	14	300	76	21 Jan	1548	
	Duirinish	38	20	17	Defective Record																	
	Fort Augustus	58	16	16	0	0	10	26	1584	3809	3327	38	5.9	210	27	28 Mar	03	230	55	20 Jan	0624	
	Wick	45	10	10	14	51	103	790	4188	3061	694	0	12.3	280	46	20 Jan	15	290	73	20 Jan	1542	
1 SCOTLAND E																						
Grampian	Aberdeen																					
	Dyce Airport . .	68	10	10	1	1	39	188	2573	4062	1960	0	8.3	190	35	6 Oct	13	260	59	19 Jan	2342	
	Fraserburgh	29	13	11	22	133	117	1000	4176	3101	202	172	13.6	270	53	20 Jan	16	270	76	20 Jan	1636	
	Kinloss	18	13	13	10	45	73	429	2967	4224	1119	0	10.0	360	42	9 Sep	01	290	69	20 Jan	1718	
	Lossiemouth	17	10	10	12	60	86	512	3232	3860	1119	1	10.5	240	45	28 Mar	09	270	72	20 Jan	1412	
Tayside	Bell Rock	39	40	38	Defective Record																	
	Tummel Bridge . . .	161	16	16	0	0	13	55	944	4327	3440	18	5.7	270	28	28 Mar	14	270	60	20 Jan	0136	
Fife	Leuchars	25	13	13	9	32	76	512	3384	3573	1283	0	10.5	250	43	28 Mar	13	250	65	28 Mar	1330	
Lothian	Edinburgh																					
	Turnhouse Airport	43	13	10	2	2	42	271	3002	3971	1538	0	9.2	210	36	28 Nov	00	210	69	28 Nov	0000	
	Royal Observatory, Blackford Hill.	159	10	10	25	96	112	825	3952	2902	665	344	12.5	200	52	28 Nov	00	200	82	28 Nov	0024	
6 SCOTLAND W																						
Strathclyde	Abbotsinch Airport	16	10	10	2	4	36	212	2440	4389	1737	2	8.4	240	39	20 Jan	02	240	67	20 Jan	0218	
	Ardrossan	24	20		12	80	85	589	4333	3124	618	40	12.1	290	46	20 Jan	13	310	67	20 Jan	1800	
	Dunstaffnage	13	10	10	6	39	60	306	3132	4072	1178	57	9.9	250	44	20 Jan	12	270	72	20 Jan	1524	
	East Kilbride	194	17	14	0	0	12	33	1543	4732	2293	183	6.6	310	29	20 Jan	02	320	57	20 Jan	0242	
	Greenock Port	51	49		5	29	72	454	3622	3467	1145	67	10.7	320	42	2 Jan	23	300	68	20 Jan	1024	
	Inchterf	55	15	12	Defective Record																	
	Lowther Hill	754	27		111	952	226	2116	3333	1629	201	553	19.5	330	84	2 Jan	21	330	116	2 Jan	2100	
	Machrihanish	22	12	12	18	103	144	1048	4070	2731	826	6	13.0	310	45	2 Jan	19	290	76	21 Jan	1512	
	Paisley	57	25	9	1	1	25	112	1534	4313	2432	392	6.9	310	35	2 Jan	20	270	64	21 Jan	1354	
	Prestwick Airport . .	21	10	10	4	25	55	309	3096	3665	1689	0	9.5	320	42	2 Jan	22	290	71	21 Jan	1036	
	Tiree	24	16	12	32	240	156	1551	4082	2582	329	0	15.0	280	50	20 Jan	08	270	83	20 Jan	0748	
Dumfries and Galloway	Eskdalemuir	259	10	10	10	42	54	419	2315	3825	2183	0	8.5	270	52	2 Jan	21	270	74	2 Jan	2100	
	West Freugh	25	10	10	1	1	31	216	2829	3925	1590	223	9.0	—	37	2 Jan	20	—	61	2 Jan	1930	
2 ENGLAND E & NE																						
Northumberland	Blyth	19	10	10	8	19	69	481	3130	3992	1011	151	10.4	250	43	20 Jan	00	260	72	20 Jan	0106	
	Boulmer	33	10	10	2	4	52	377	2939	4025	1438	1	9.5	220	37	6 Oct	20	290	68	2 Jan	2148	
Tyne and Wear	South Shields	22	17	13	5	27	58	402	2873	3672	1798	12	9.2	290	43	2 Jan	22	290	72	2 Jan	2212	
Durham	Durham	119	16	10	2	6	36	187	2212	3606	2210	563	7.7	270	38	2 Jan	21	300	72	2 Jan	2218	
North Yorkshire	Leeming	42	10	10	3	9	30	161	2482	4425	1707	0	8.5	280	43	2 Jan	22	250	68	20 Jan	0712	
	Linton-on-Ouse . . .	23	9	10	1	5	23	142	2015	4272	2132	218	7.7	250	39	20 Jan	02	250	62	20 Jan	0218	
	Silpho Moor	207	15	9	0	0	14	54	1270	3873	3414	173	5.9	270	30	2 Jan	22	280	65	2 Jan	2248	
														330	30	9 Sep	21					
Lincolnshire	Binbrook	118	10	10	4	15	69	453	3728	3857	696	35	11.0	270	50	2 Jan	23	270	78	2 Jan	2330	
	Coningsby	16	10	10	2	5	34	136	2923	4392	1328	0	8.9	270	46	2 Jan	22	270	71	2 Jan	2224	
	Cranwell	68	13	13	3	9	50	268	3701	4312	492	2	10.6	250	48	2 Jan	21	270	72	2 Jan	2212	
	Scampton	68	10	10	2	6	30	167	2975	4898	700	38	9.4	290	46	2 Jan	22	290	71	2 Jan	2254	
	Waddington	80	10	10	1	4	43	176	3417	4621	566	0	10.0	270	48	2 Jan	22	270	81	2 Jan	2230	
3 EAST ANGLIA																						
Norfolk	Coltishall	27	10	10	2	8	29	150	2943	4223	1460	0	8.9	270	48	2 Jan	23	260	85	2 Jan	2236	
	Gorleston	16	13	13	10	28	78	494	3495	3759	677	331	11.0	170	41	6 Dec	06	280	74	3 Jan	0024	
	Marham	29	10	10	2	5	24	84	2817	4253	1625	0	8.5	260	49	2 Jan	22	260	75	2 Jan	2242	
Cambridgeshire	Wittering	83	10	10	3	6	29	117	3326	4460	875	0	9.5	290	52	2 Jan	22	290	19	2 Jan	2218	
	Wyton	45	10	10	2	5	28	99	2808	4761	1111	0	8.8	260	47	2 Jan	22	270	76	2 Jan	2248	
Suffolk	Honington	60	13	13	2	6	24	130	2894	4589	1165	0	8.9	270	48	2 Jan	22	280	78	2 Jan	2254	
	Wattisham	105	17	10	2	6	34	183	3321	4635	639	0	9.9	260	49	2 Jan	22	250	84	2 Jan	2136	
Bedfordshire	Bedford	94	13	9	2	7	35	122	2545	5166	922	22	8.8	260	45	2 Jan	21	270	70	2 Jan	2206	
	Cardington	70	41	41	5	16	61	388	3550	4014	816	0	10.5	260	54	2 Jan	21	270	83	2 Jan	2136	
Hertfordshire	Garston	94	15	10	0	0	3	5	631	5716	2432	0	5.5	250	31	2 Jan	21	250	68	2 Jan	2106	
	Rothamsted	141	13	10	Defective Record																	
Essex	Shoeburyness	17	14	12	0	0	18	100	3070	4855	745	14	9.3	240	32	2 Jan	21	240	60	2 Jan	2124	
	Stansted	108	10	10	1	4	11	48	2545	5211	976	0	8.5	240	41	2 Jan	21	240	71	2 Jan	2130	

Table 6 (continued)

District Region/County and Place		height of vane in metres			distribution of hourly mean values of wind speed										highest values							
		above MSL	above ground	effective height	34 kt or more (gale force)		22-33 kt		11-21 kt	4-10 kt	less than 4 kt	hours of no record	mean hourly wind speed (kt)	hourly wind			gust					
					number of days	number of hours	number of days	number of hours	veer from N	speed kt	date			hour beginning	veer from N	speed kt	date	time				
4 MIDLAND COUNTIES																						
South Yorkshire	Finningley	19	10	10	3	4	21	119	2280	4363	2018	0	7.9	270	48	2 Jan 22	270	79	2 Jan 2224			
	Sheffield	146	29	15	1	2	18	98	2030	4237	2385	32	7.4	270	38	2 Jan 22	260	83	2 Jan 2212			
Nottinghamshire	University	133	16	10	1	1	14	64	2599	4830	1290	0	8.4	280	38	2 Jan 22	280	71	2 Jan 2212			
Staffordshire	Watnall	215	15	10	0	0	3	12	876	4286	3610	0	5.0	280	33	2 Jan 21	300	75	2 Jan 2142			
Leicestershire	Keele	143	13	13	Defective Record																	
Salop	Cottesmore	84	12	10	1	5	21	86	2002	4663	2028	0	7.5	240	43	2 Jan 19	260	69	2 Jan 2030			
West Midlands	Shawbury																					
	Birmingham	196	36	22	1	1	10	22	1413	4427	2921	0	6.3	270	35	2 Jan 20	270	70	2 Jan 2100			
	Edgbaston	104	10	10	1	4	24	110	2335	4640	1695	0	8.1	270	44	2 Jan 21	260	73	2 Jan 2118			
Hereford & Worcs	Elmdon Airport	47	10	10	2	5	31	134	2508	4372	1765	0	8.3	260	47	2 Jan 20	260	76	2 Jan 2036			
Gloucestershire	Pershore	88	10	10	1	3	28	116	2629	4349	1550	137	8.5	250	48	2 Jan 20	250	74	2 Jan 2018			
Oxfordshire	Fairford	67	10	10	1	1	15	44	2282	4338	2119	0	7.6	240	38	2 Jan 20	230	66	2 Jan 2024			
	Benson	91	13	10	1	1	10	33	2223	4944	1583	0	7.8	250	34	2 Jan 20	250	71	2 Jan 2006			
	Brize Norton																					
5 ENGLAND SE & CENTRAL S																						
Greater London	Hampton	42	31	30	Defective Record																	
	Heathrow Airport	34	10	10	0	0	10	36	2081	5393	1274	0	7.9	270	29	2 Jan 21	280	56	2 Jan 2124			
	Kew	28	23	15	0	0	4	27	1936	4244	2577	0	6.8	260	29	2 Jan 21	260	69	2 Jan 2130			
	London Weather Centre	93	70	38	1	1	20	90	3590	4643	460	0	10.1	250	34	2 Jan 21	260	66	2 Jan 2136			
Wiltshire	Post Office Tower			174	9	30	122	1086	4869	2431	151	217	14.2	250	52	2 Jan 21	260	76	2 Jan 2136			
	Boscombe Down	130	17	17	1	3	29	154	3004	4555	1068	0	9.2	270	39	2 Jan 21	260	58	2 Jan 2012			
	Larkhill	145	13	10	1	3	22	133	2483	4637	1449	79	8.5	260	36	2 Jan 21	250	71	2 Jan 2006			
	Porton	120	10	10	1	2	29	110	2723	4350	1561	38	8.6	270	36	2 Jan 21	280	58	2 Jan 2200			
Kent	Dungeness	16	10	10	5	19	53	375	4060	3503	827	0	11.0	260	36	2 Jan 21	260	60	2 Jan 2148			
														200	36	14 Oct 16						
														200	36	29 Nov 10						
	Isle of Grain	15	12	10	Defective Record																	
	Manston	62	18	18	6	16	45	278	3937	4138	415	0	10.9	240	38	2 Jan 21	180	61	14 Oct 1818			
Hampshire	Calshot	15	13	10	7	31	58	295	3522	3764	1112	60	10.2	120	37	29 Jan 19	310	57	2 Jan 2300			
														210	37	12 Oct 03						
West Sussex	Farnborough	75	10	10	0	0	4	11	1385	4672	2622	94	6.4	250	28	2 Jan 21	250	57	2 Jan 2136			
	Middle Wallop	94	10	10	1	2	18	56	2343	4425	1852	106	7.9	270	38	2 Jan 21	270	58	2 Jan 2200			
	Gatwick Airport	69	10	10	1	3	15	43	2177	4359	2202	0	7.5	230	36	2 Jan 20	230	56	2 Jan 2106			
	Thorney Island	16	10	10	3	11	39	234	2722	4254	1555	8	8.9	190	40	14 Oct 15	240	56	2 Jan 2030			
7A ENGLAND NW & I.O.M.																						
Cumbria	Carlisle	41	13	9	0	0	27	153	2519	4473	1639	0	8.2	300	32	2 Jan 21	310	66	2 Jan 2154			
	Great Dun Fell	857	10	10	132	1214	245	2580	3496	1366	119	9	21.2	250	75	20 Jan 06	260	110	20 Jan 0618			
	Moor House	595	13	12	28	168	143	1119	3688	2521	659	629	13.6	280	55	2 Jan 21	280	84	2 Jan 2136			
	Sellafield	25	12	11	2	2	20	151	2349	4441	1759	82	8.1	290	34	2 Jan 20	300	57	2 Jan 2106			
Lancashire	Fleetwood	34	15	9	5	32	56	380	2944	3847	1551	30	9.5	—	49	2 Jan 21	—	79	2 Jan 2036			
	Squires Gate Airport	22	12	11	3	8	44	282	3562	4229	703	0	10.3	300	41	2 Jan 21	300	69	2 Jan 2048			
Merseyside	Aigburth	38	23	11	3	11	42	249	2539	4366	1520	99	8.8	240	42	2 Jan 20	270	82	2 Jan 2036			
	Speke Airport	30	10	10	1	3	35	215	2600	4331	1635	0	8.6	270	42	2 Jan 20	290	66	2 Jan 2100			
Greater Manchester	Manchester																					
	Ringway Airport	80	10	10	0	0	21	108	2810	4172	1694	0	8.6	290	33	2 Jan 21	260	61	20 Jan 0812			
Isle of Man	Weather Centre	82	45	17	1	1	15	77	1887	5063	1731	25	7.6	300	34	2 Jan 21	300	66	2 Jan 2218			
	Point of Ayre	20	10	10	10	40	108	811	4208	3116	566	43	12.6	300	49	2 Jan 20	300	74	2 Jan 2030			
	Ronaldsway	25	10	10	7	43	103	817	3826	3311	787	0	12.0	300	43	2 Jan 20	300	73	2 Jan 1954			
7B WALES N																						
Gwynedd	Valley	26	16	12	17	76	120	1007	3564	3364	773	0	12.4	290	45	2 Jan 20	290	82	2 Jan 1954			
8A WALES S																						
Dyfed	Aberporth	144	10	10	13	52	105	767	4087	3226	652	0	12.2	220	52	2 Jan 18	220	70	2 Jan 1842			
	Brawdy	121	10	10	4	16	64	426	3698	4071	573	0	11.0	250	46	2 Jan 18	250	66	2 Jan 1818			
	Milford Haven	47	10	10	2	12	59	367	3401	4048	909	47	10.3	260	55	2 Jan 18	260	78	2 Jan 1842			
West Glamorgan	Port Talbot	28	12	11	2	5	46	321	2645	3411	2330	72	8.3	260	40	2 Jan 19	260	78	2 Jan 1900			
Mid Glamorgan	Cilfynydd	210	16	16	3	8	29	109	2146	3685	2217	619	8.1	—	47	2 Jan 19	—	84	2 Jan 1924			
South Glamorgan	Rhose Airport	74	10	10	1	2	32	214	3009	4347	1212	0	9.2	240	40	2 Jan 18	250	66	2 Jan 1906			
8B ENGLAND SW																						
Avon	Avonmouth	28	19	10	1	4	42	191	2883	3922	1340	444	9.2	250	43	2 Jan 20	250	66	2 Jan 2006			
	Hurn Airport	23	13	11	0	0	21	79	2286	4427	1992	0	7.8	230	30	2 Jan 16	210	51	29 Nov 0836			
Devon														180	30	14 Oct 11						
	Portland Bill CG	60	13	13	16	88	88	757	3957	2875	571	536	12.6	290	51	14 Oct 16	290	69	14 Oct 1700			
Cornwall	Mount Batten	64	13	13	3	11	43	329	2980	3993	1471	0	9.4	220	42	29 Nov 06	230	65	29 Nov 0654			
	Lizard	96	23	18	39	232	160	1372	4868	2084	179	49	15.4	250	48	2 Jan 18	290	75	1 Dec 2236			
														270	48	12 Oct 01						
														290	48	1 Dec 21						
	St Mawgan	120	13	13	7	30	63	467	3569	4155	563	0	10.8	300	44	14 Oct 12	340	63	1 Dec 2006			
	Scilly (St Marys)	70	20	17	14	63	88	694	3711	2894	1419	3	11.1	290	47	14 Oct 08	280	71	1 Dec 1548			
CHANNEL ISLANDS																						
	Guernsey Airport	111	11	10	8	33	48	327	4109	3931	384	0	11.2	240	44	14 Oct 10	240	67	14 Oct 1000			
	Jersey Airport	94	12	10	5	33	50	385	3707	3944	715	0	10.7	240	42	14 Oct 09	270	78	1 Dec 2000			
														280	42	1 Dec 22						
NORTHERN IRELAND																						
Londonderry	Coleraine University	33	10	10	Defective Record																	
	Antrim	80	10	10	1	1	35	197	3139	4320	1127	0	9.3	310	38	2 Jan 19	300	68	2 Jan 1848			
	Ballypatrick Forest	166	13	13	4	12	81	607	4168</													

Table 7 Number of hours with gusts exceeding 33 knots and 47 knots in each month of 1976

District Region/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																										
	Shetland Lerwick	275	190	302	123	-	44	25	7	92	116	126	86	-	87	53	67	13	0	2	0	0	7	12	21	1	263
	Orkney Kirkwall Airport	260	76	248	71	19	27	31	4	69	61	112	52	1030	81	28	43	12	0	0	1	0	15	4	7	4	195
	Western Isles Benbecula	269	147	236	47	64	19	0	0	55	-	97	33	-	59	11	19	2	1	0	0	0	4	8	30	4	138
	Stornoway	166	-	147	64	51	39	2	0	37	52	72	12	-	28	24	14	7	0	0	0	0	3	5	17	0	98
	Highland Dalcros	106	45	57	38	16	26	0	0	18	25	36	8	375	19	4	9	1	0	0	0	0	0	4	0	1	38
	Downreay	-	76	179	31	28	5	7	0	49	45	93	119	-	75	9	36	8	2	0	0	0	1	6	9	16	162
	Duirinish	-	96	-	-	-	176	7	-	31	-	-	13	-	-	19	-	-	42	47	0	0	6	-	24	4	-
	Fort Augustus	-	13	-	10	3	11	0	0	6	18	10	1	-	-	0	0	0	0	0	0	0	0	3	0	0	-
	Wick	221	70	235	38	2	15	22	0	70	52	67	55	847	55	13	26	9	0	0	0	0	13	7	1	0	124
1	SCOTLAND E																										
	Grampian Aberdeen	117	13	83	24	8	0	0	0	13	14	5	5	282	20	0	0	0	0	0	0	0	0	5	0	0	25
	Dyce Airport	-	64	217	48	-	2	-	0	114	73	75	135	-	-	7	20	12	0	0	0	0	16	5	5	6	-
	Fraserburgh	171	67	93	49	40	39	12	0	29	29	30	10	569	31	8	14	15	2	0	0	0	12	12	0	1	95
	Kinloss	198	62	106	52	33	28	6	0	44	34	35	23	621	38	10	17	9	0	0	0	0	15	19	2	1	111
	Lossiemouth	205	-	-	-	-	-	12	14	132	114	111	119	-	45	-	8	-	-	0	0	24	26	17	11	-	-
	Tayside Bell Rock	113	25	34	21	2	1	1	0	4	8	9	0	218	12	0	5	12	0	0	0	0	0	0	0	0	29
	Tummel Bridge	150	49	95	39	24	19	1	0	28	36	45	3	489	41	4	14	2	0	0	0	0	1	7	1	0	70
	Fife Leuchars	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Lothian Edinburgh	156	57	82	23	24	6	5	2	16	26	37	3	437	29	2	4	0	0	0	0	0	0	4	3	0	42
	Turnhouse Airport	-	-	-	-	89	99	71	16	12	54	-	118	61	-	-	-	-	11	20	1	0	0	12	-	32	6
	Royal Observatory, Blackford Hill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	SCOTLAND W																										
	Strathclyde Abbotsinch Airport	123	24	36	8	13	0	0	0	13	27	20	3	267	31	0	1	0	0	0	0	0	0	3	3	0	38
	Ardrossan	224	71	-	35	28	0	1	0	7	29	68	35	-	73	1	0	0	0	0	0	0	0	6	6	0	86
	Dunstaffnage	206	59	-	22	26	0	1	1	32	44	40	11	-	58	1	5	0	0	0	0	0	1	7	3	0	75
	East Kilbride	122	18	43	16	-	0	0	0	6	25	15	10	-	12	0	0	0	0	0	0	0	0	1	1	0	14
	Greenock Port	206	60	88	-	-	8	0	0	11	31	44	11	-	-	1	0	0	9	0	0	0	0	8	6	0	-
	Inchterf	-	32	66	-	2	5	0	1	40	-	26	0	-	-	0	1	-	0	0	0	0	0	3	0	0	-
	Lowther Hill	-	-	-	182	-	-	100	58	-	-	-	-	-	264	96	-	52	-	7	10	8	88	-	-	-	-
	Machrihanish	295	89	167	43	59	5	14	1	114	86	70	37	980	96	5	5	0	0	0	0	0	10	15	6	5	142
	Paisley	-	57	78	-	22	2	0	0	29	26	-	8	-	-	4	4	0	2	0	0	0	0	5	5	0	-
	Prestwick Airport	209	33	69	17	27	0	1	0	27	35	39	15	472	47	0	1	0	2	0	0	0	0	6	5	0	61
	Tiree	346	175	276	67	39	10	0	0	59	108	130	71	1281	128	8	16	0	0	0	0	0	15	22	26	6	221
	Dumfries and Eskdalemuir	231	47	91	48	42	0	0	0	57	27	45	3	591	97	3	2	17	9	0	0	0	18	8	6	0	160
	Galloway West Freugh	117	-	11	3	19	0	0	0	-	30	9	-	-	19	0	0	0	0	0	0	0	0	0	0	0	19
2	ENGLAND E & NE																										
	Northumberland Blyth	-	48	-	37	4	-	7	9	-	32	12	-	-	-	0	12	0	0	0	0	0	-	6	0	0	-
	Boulmer	206	33	87	14	0	4	0	-	-	37	7	-	-	-	3	7	0	0	0	0	0	7	9	0	0	-
	Tyne and Wear South Shields	157	13	31	17	1	0	0	0	1	60	9	5	10	304	24	0	0	0	0	0	0	4	0	0	0	28
	Durham	-	48	69	29	-	2	0	3	39	21	21	-	59	2	5	0	0	0	0	0	0	1	4	1	0	72
	North Yorkshire Leeming	103	14	35	16	6	0	1	0	50	15	15	2	257	26	0	2	0	0	0	0	0	6	1	0	0	35
	Linton-on-Ouse	113	7	32	15	4	0	0	0	34	8	3	0	216	19	0	1	0	0	0	0	0	0	0	0	0	20
	Silpho Moor	216	37	-	21	15	2	7	1	52	39	26	27	-	27	2	1	0	0	0	0	0	13	0	1	1	45
	Lincolnshire Binbrook	178	21	48	18	15	0	1	3	15	40	23	26	388	26	1	0	0	1	0	0	0	0	2	1	1	31
	Goningsby	76	11	10	6	6	0	0	1	8	5	6	5	134	12	0	0	0	0	0	0	0	0	1	0	1	13
	Cranwell	155	14	27	9	14	1	1	1	11	11	13	6	263	17	3	0	0	1	0	0	0	0	1	1	1	23
	Scampton	93	9	6	4	4	0	0	0	7	4	-	7	-	8	0	0	0	0	0	0	0	0	0	0	0	8
	Waddington	101	7	27	5	10	0	1	2	10	22	11	11	207	12	0	0	0	1	0	0	0	0	0	0	0	13
3	EAST ANGLIA																										
	Norfolk Coltishall	123	8	9	2	5	0	0	1	7	16	9	5	185	18	1	0	0	0	0	0	0	0	2	0	0	21
	Gorleston	-	16	-	-	5	0	3	6	23	85	34	56	-	-	0	0	0	0	0	0	0	3	13	4	6	-
	Marham	55	10	10	2	8	0	0	0	5	10	5	7	112	7	0	0	0	0	0	0	0	0	0	0	0	7
	Cambridgeshire Wittering	117	17	9	11	6	2	0	0	9	19	13	6	2													

Table 7 (continued)

District Region/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
5 ENGLAND SE & CENTRAL S																												
Greater London	Hampton		83	14	8	0	0	0	0	0	-	0	-	-	-	6	0	0	0	0	0	0	0	-	-	-	-	
	Heathrow Airport		27	4	0	0	0	0	0	0	0	3	4	3	41	3	0	0	0	0	0	0	0	0	0	0	3	
	Kew		73	11	1	7	12	0	0	1	1	21	13	5	145	6	0	0	0	0	0	0	0	0	0	1	7	
	London Weather Centre.		121	11	18	19	29	1	0	0	7	27	9	8	250	6	2	0	0	0	0	0	0	0	0	0	8	
	Post Office Tower		166	26	21	-	-	10	-	0	29	106	40	58	-	15	3	0	0	-	0	0	0	0	7	4	4	
Wiltshire	Boscombe Down.		79	3	2	1	8	0	0	0	4	27	10	6	140	6	0	0	0	0	0	0	0	0	0	0	6	
	Larkhill		141	19	17	14	23	2	2	0	4	13	9	2	246	16	1	0	0	0	0	0	0	0	0	0	17	
Kent	Porton		44	2	2	2	0	0	0	0	6	53	16	14	139	3	0	0	0	0	0	0	0	0	1	1	5	
	Dungeness		79	20	4	26	9	12	0	0	14	69	50	53	336	6	0	0	0	0	0	0	0	4	7	3	20	
	Isle of Grain		-	4	5	8	10	1	-	-	-	31	16	12	-	-	0	0	0	0	0	-	-	0	0	0	-	
Hampshire	Manston		60	12	0	13	2	0	0	0	10	62	27	15	201	7	0	0	0	0	0	0	0	13	4	1	25	
	Calshot		120	16	9	2	9	3	0	2	15	78	29	30	313	11	0	0	0	0	0	0	0	7	5	2	25	
	Farnborough		32	1	2	0	4	0	0	0	0	7	12	6	64	3	0	0	0	0	0	0	0	0	0	0	3	
	Middle Wallop		70	6	4	5	11	0	0	0	4	23	11	-	-	4	0	0	0	0	0	0	0	0	0	0	4	
West Sussex	Gatwick Airport		33	5	2	2	6	0	0	0	1	28	12	8	97	5	0	0	0	0	0	0	0	0	0	0	5	
	Thorney Island		71	7	1	3	4	4	0	0	10	73	24	31	228	9	0	0	0	0	0	0	0	6	5	3	23	
7A ENGLAND NW & I.O.M.																												
Cumbria	Carlisle		167	26	98	32	23	2	0	0	20	22	10	14	414	39	0	3	0	0	0	0	0	2	0	0	44	
	Great Dun Fell		503	326	289	199	201	174	78	94	229	291	207	80	2671	282	82	91	44	47	15	10	7	81	65	50	28	802
	Moor House		340	135	-	-	75	68	26	21	86	80	-	49	-	126	10	-	-	7	0	0	0	20	5	-	0	-
Lancashire	Sellafield		90	1	0	0	0	0	-	0	17	18	3	-	-	5	0	0	0	0	0	0	0	0	0	0	5	
	Fleetwood		234	20	46	20	18	7	1	0	58	50	26	25	505	45	0	0	0	0	0	0	5	2	0	0	52	
Merseyside	Squires Gate Airport		156	9	11	3	8	2	0	0	30	34	16	11	280	19	0	0	0	0	0	0	0	2	0	0	21	
	Aigburth		165	17	23	18	15	1	1	0	19	18	5	7	289	33	0	0	0	0	0	0	1	0	0	0	34	
Greater Manchester	Speke Airport		169	12	14	16	4	0	0	0	22	25	8	10	280	25	1	0	0	0	0	0	0	0	0	0	26	
	Manchester		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Manchester	Ringway Airport		122	7	6	6	2	0	0	0	20	20	7	12	202	12	1	0	0	0	0	0	0	0	0	0	13	
	Weather Centre		161	10	36	8	11	2	1	0	29	19	5	9	291	26	0	0	0	0	0	0	0	1	0	0	27	
Isle of Man	Point of Ayre		-	-	-	22	35	3	0	0	65	99	45	55	-	-	0	0	0	0	0	0	8	9	6	4	-	
	Ronaldsway		253	50	27	27	33	0	0	0	59	70	73	69	661	43	0	0	0	0	0	0	8	1	6	4	62	
7B WALES N																												
Gwynedd	Valley		218	60	46	30	60	10	24	0	68	94	104	76	790	20	1	0	0	2	0	0	0	25	10	6	27	91
8A WALES S																												
Dyfed	Aberporth		235	42	94	19	45	1	7	0	52	90	29	30	644	21	1	0	0	0	0	0	0	20	18	2	1	63
	Brawdy		129	19	26	25	21	0	2	0	48	56	23	54	403	8	0	0	0	0	0	0	0	9	8	1	5	31
	Milford Haven		163	23	81	18	20	0	0	0	47	98	74	80	604	48	0	0	0	0	0	0	0	1	16	11	25	101
West Glamorgan	Port Talbot		140	5	33	16	11	0	0	1	29	45	20	32	332	16	0	0	1	0	0	0	0	1	1	2	0	21
	Mid Glamorgan		-	12	-	7	16	2	1	0	7	50	21	30	-	-	0	-	0	0	0	0	0	0	0	3	0	-
South Glamorgan	Rhose Airport		155	8	5	0	16	0	0	0	9	42	9	20	264	11	0	0	0	0	0	0	0	0	0	0	0	11
8B ENGLAND SW																												
Avon	Avonmouth		-	4	13	8	12	6	0	1	12	-	18	16	-	7	0	0	0	0	0	0	0	0	1	1	0	9
	Dorset		32	4	1	1	2	0	0	0	7	37	16	22	122	1	0	0	0	0	0	0	0	0	2	1	1	5
Devon	Portland Bill CG		-	-	-	-	-	-	0	0	-	-	-	105	-	20	-	0	-	0	0	0	6	-	-	19	-	
	Mount Batten		114	25	21	22	10	0	2	4	18	74	45	77	412	11	1	1	3	0	0	0	0	0	13	4	11	44
Cornwall	Lizard		257	94	105	63	43	5	5	12	66	139	115	166	1070	34	7	15	3	0	0	0	0	7	41	27	-	-
	St Mawgan		120	20	34	21	7	2	1	4	40	77	39	65	430	7	3	0	0	0	0	0	0	0	18	4	12	44
	Scilly (St Marys)		230	46	104	34	21	2	7	4	96	102	73	142	861	20	4	27	3	0	0	0	0	4	26	12	27	120
CHANNEL ISLANDS																												
	Guernsey Airport		71	29	23	6	0	0	0	0	8	61	33	70	301	4	0	0	0	0	0	0	0	0	26	7	13	50
	Jersey Airport		100	44	22	15	0	0	0	0	14	66	54	79	394	4	0	0	0	0	0	0	0	0	24	8	12	48
NORTHERN IRELAND																												
Londonderry	Coleraine University		102	4	0	0	-	-	-	-	37	22	13	1	-	0	0	0	0	0	0	0	0	2	0	0	2	
	Antrim		118	6	29	6	26	0	0	0	46	24	9	11	275	16	0	0	0	0	0	0	0	3	5	0	0	24
	Ballypatrick Forest		291	-	-	54	-	1	1	0	-	-	37	16	-	79	2	3	0	2	0	0	0	-	15	6	0	-
Down	Belfast Harbour		-	27	54	-	30	0	3	0	51	-	-	-	-	-	0	0	0	0	0	0	0	-	0	0	-	
	Kilkeel		185	-	94	14	26	0	7	0	-	86	5	16	-	-	0	2	1	0	0	0	0	10	18	0	0	-
	Tyrone		142	17	65	11	16	1	0	0	0	26	26	9	4	317	28	0	0	0	0	0	0	0	3	0	0	31
Fermanagh	Castle Archdale Forest		-	9	2	0	9	0	0	-	-	25	15	-	-	-	0	0	0	0	0	0	-	4	0	0	-	

Table 8 Dates on which gusts exceeded 47 knots during 1976

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
0 SCOTLAND N		4 MIDLAND COUNTIES	
Larwick	Jan 3-6 8 10 11 19-21 24 28 29; Feb 9 22-25 29; Mar 1 5 20 21 26-29 ; Apr 5 6 10 11; Jun 27; Sep 9 14; Oct 3 6 7; Nov 15 20 28; Dec 30	Finningley	Jan 2 3 14 20-22; Feb 29
Kirkwall Airport	Jan 1 3 5 8 10-12 19-21 24 25 28 29; Feb 24 25 29; Mar 1 5 20 21 25 27-31; Apr 5 6; Jul 27; Sep 8 9 14; Oct 6 7; Nov 26 28 29; Dec 10 27	Sheffield University	Jan 2 3 11 14 20-23; Feb 13 29; Apr 6; Nov 28
Benbecula	Jan 2 3 10 18-21 23; Feb 11 22-24 29; Mar 5 6 20 29; Apr 10; May 16; Sep 8 9 ; Oct 6; Nov 27-29; Dec 31	Watnall	Jan 2 3 20-22; Feb 13
Stornoway	Jan 19-21; Feb 9 22-25 29; Mar 20 27 28 31; Apr 6 10 13; Sep 8; Oct 6 Nov 15 27 28	Keele	Jan 2 3 20 21
Dalcross	Jan 7 19-21; Feb 9 25; Mar 20 28; Apr 5; Oct 6; Dec 31	Cottesmore	Jan 2 3 20-22; Feb 29 (Mar-Dec Missing)
Dounreay	Jan 1-3 5 10-12 14 19-21 29; Feb 9 29; Mar 1 6 20 27 28 30 31; Apr 5 6; May 24; Sep 9; Oct 6; Nov 26-29; Dec 5 8-10	Shawbury	Jan 2 3 20
Duirinish	Jan 1 7 10 19-21; Feb 9 23-25; Apr 10 11 13; May 1 8 12 16-18 22 ; Jun 6 9 10 12 13 24 27; Sep 9; Oct 6 7; Nov 15 25-28; Dec 31 (Defective Jan, Mar, Apr, Oct)	Birmingham	
Fort Augustus	Jan 20; Oct 6 (Defective Jan)	Edgbaston	Jan 2; Nov 29
Wick	Jan 2 3 10 11 14 19-21 28 29; Feb 9 24 25 29; Mar 1 6 20 27 28 31; Apr 5 6 ; Sep 8 9; Oct 6; Nov 28	Elmdon Airport	Jan 2 20; Nov 29
1 SCOTLAND E		Pershore	Jan 2 20; Nov 29
Dyce Airport	Jan 2 3 19-21; Oct 6;	Fairford	Jan 1 2 20
Fraserburgh	Jan 2 3 5 10 12 19-21 23-25; Feb 9 25 29; Mar 1 20 28 29 31; Apr 5 6 ; Sep 9; Oct 6; Nov 22 24 28; Dec 8 10 31	Benson	Jan 2; Oct 12; Dec 6
Kinloss	Jan 2 7 10-12 19-21; Feb 9 24 25 29; Mar 26 28 31; Apr 5 6 10; May 8 24 ; Sep 9; Oct 6 7; Dec 31	Brize Norton	Jan 2
Lossiemouth	Jan 2 3 7 10 19-21; Feb 9 25 29; Mar 6 28 31; Apr 5 6 10; Sep 9; Oct 6 7 ; Nov 28; Dec 31	5 ENGLAND SE & CENTRAL S	
Bell Rock	Jan 2 3 8 10 19 20 28 29; Feb 24 25; Mar 28 30; Sep 9 11; Oct 5-7; Nov 27-29 ; Dec 6 30 (Defective Feb, Apr-Jun)	Hampton	Jan 2 3 (Oct-Dec Missing)
Tummel Bridge	Jan 2 11 20 21; Mar 28; Apr 5 6	Heathrow Airport	Jan 2
Leuchars	Jan 2 3 7 8 10-12 19-21; Feb 9 24 25; Mar 28 31; Apr 5; Sep 9; Oct 6; Nov 28	Kew	Jan 2 3; Dec 6
Edinburgh		London Weather Centre	Jan 2 20; Dec 13
Turnhouse Airport	Jan 2 3 10 11 19-22; Feb 9 23; Mar 28; Oct 6; Nov 27 28	Post Office Tower	Jan 2 3 20; Feb 13; Oct 7 12 14; Nov 28 29; Dec 6 7 (Defective May)
Royal Observatory	Jan 2 3 7 8 10 11 19-22; Feb 9 12 23-25; Mar 10 11 21 24 26-28 31; Apr 3 5 6 ; May 1 16 17 21; Jun 11; Sep 9 11; Oct 5-7; Nov 15 16 25-29; Dec 6 30 (Defective Jan-Mar, Oct)	Boscombe Down	Jan 2 20
Blackford Hill		Larkhill	Jan 1-3 20-22; Feb 11
6 SCOTLAND W		Porton	Jan 2; Nov 29; Dec 6
Abbotsinch Airport	Jan 2 19-21; Mar 28; Oct 6; Nov 27 28	Dungeness	Jan 2 3; Oct 7 14; Nov 29 30; Dec 6
Ardrossan	Jan 2 3 10 11 14 19-23; Feb 24; Oct 6; Nov 27 28	Isle of Grain	(Defective Jan)
Dunstaffnage	Jan 2 3 10 19-23; Feb 23; Mar 28 29 31; Sep 25; Oct 6 12; Nov 27 28	Manston	Jan 2 3; Oct 6 7 14; Nov 29; Dec 6
East Kilbride	Jan 2 20 21; Oct 6; Nov 28	Calshot	Jan 2 3 29 30; Oct 12 14; Nov 28 29. Dec 6
Greenock Port	Jan 2 3 10 11 18-22; Feb 23; May 16; Oct 6; Nov 27 28	Farnborough	Jan 2
Inchterf	Jan 2 3 20 21; Mar 28; Oct 6 (Defective Jan, Apr)	Middle Wallop	Jan 2 20
Lowther Hill	Jan 2-8 10-12 14 18-24 29-31; Feb 7-10 12 13 21-26 29; Mar 1 6 10 11 20 21 24-31; Apr 3-6 10 11 13 14; May 1 15-17 24; Jun 9 11 12 20; Jul 18 29 30 ; Aug 1 2; Sep 9-12 24-26; Oct 3 5-7 11 12 14 16-18 21 23; Nov 1 4 15 23-29 (Defective Mar, May, Dec)	Watlington	Jan 2
Machrihanish	Jan 2 3 10 14 18-22 26 28 29; Feb 10 11 22; Mar 20 26; Sep 9; Oct 5 6 ; Nov 27 28; Dec 9 30	Thorney Island	Jan 2 3; Oct 12 14; Nov 2 29 30; Dec 6 7
Paisley	Jan 2 6 11 20 21; Feb 24 25; Mar 27 28; May 16; Oct 5 6; Nov 27 28	7A ENGLAND NW & I.O.M.	
Prestwick Airport	Jan 2 3 14 20 21 29; Mar 29; May 16 17; Oct 6; Nov 27 28	Carlisle	Jan 2 3 10 19-21; Mar 27 31; Oct 6
Tiree	Jan 2 3 7 10 18-24 28-30; Feb 9 11 24 29; Mar 6 20; Sep 8 9; Oct 5 6 ; Nov 25 27 28; Dec 5 6	Great Dun Fell	Jan 2 3 5-8 10-14 18-24 28-31; Feb 1-4 9 10 12 13 22-26 29; Mar 24-31; Apr 3 5 6 10 11 13 14 25; May 1 15-17; Jun 9-13 20; Jul 15 18 29; Aug 2 28 29 ; Sep 8-12 14 24-26; Oct 3 5 6 14 17 18 23 29 30; Nov 1 15 24-29; Dec 5 6 29 30
Eskdalemuir	Jan 2 3 7 10-12 14 18 20-23; Feb 9 13; Mar 27; Apr 5 6; May 16 17; Sep 9 11 ; Oct 6; Nov 24 26 28	Moor House	Jan 2 3 7 10-12 14 19-23; Feb 9 13 25; Mar 10 24 27 29; May 1 16; Sep 9 11 12 ; Oct 6; Nov 4 15 24-28; (Defective Mar, Apr)
West Freugh	Jan 2 3 20 29	Sellafield	Jan 2 3 20
2 ENGLAND E & NE		Fleetwood	Jan 2 3 14 20 21 23; Sep 9; Oct 6
Blyth	Jan 2 3 10 20-22 25; Mar 28 31; Sep 9 11 12; Oct 6 (Defective Jan)	Squires Gate Airport	Jan 2 3 20 22; Oct 23
Boulmer	Jan 2 3 10 19-21 25; Feb 25; Mar 28 31; Sep 9 11; Oct 6	Aigburth	Jan 2 3 10 11 20-23; Sep 9
South Shields	Jan 2 3 10 20-22 24 25; Sep 9 11 12	Speke Airport	Jan 2 3 20 21; Feb 29
Durham	Jan 2 3 10 14 20-22; Feb 9; Mar 28 29 31; Sep 11; Oct 6; Nov 26	Manchester	
Leeming	Jan 2 3 19 20 22; Mar 28 31; Sep 9 11; Oct 6	Ringway Airport	Jan 2 20 21; Feb 29
Linton-on-Ouse	Jan 2 3 19-22; Mar 28	Weather Centre	Jan 2 3 10 20 21 30; Oct 6
Silpho Moor	Jan 2 3 10 19-22; Feb 13; Mar 28; Sep 9-12; Nov 28; Dec 30	Point of Ayre	Jan 2 3 14 20 29 30; Sep 9 11; Oct 5 6; Nov 27 28; Dec 6 30 (Defective Jan)
Binbrook	Jan 2 3 11 14 20-22; Feb 29; May 15; Nov 29; Dec 6	Ronaldsway	Jan 2 3 20 21 29 30; Sep 9; Oct 6; Nov 27 28; Dec 6 30
Coningsby	Jan 2 3 20; Nov 29	7B WALES N	
Cranwell	Jan 2 3 20; Feb 13 29; May 3; Nov 29; Dec 6	Valley	Jan 2 3 20 28 29; Feb 29; May 17; Sep 9 11 12; Oct 5 6 15 23; Nov 27 28 Dec 5-7 29 30
Scampton	Jan 2 3 20 21	8A WALES S	
Waddington	Jan 2 3 20; May 3	Aberporth	Jan 1-3 24 28-30; Feb 11; Sep 9 11 12; Oct 5 14 15 17 23; Nov 27; Dec 6
3 EAST ANGLIA		Brawdy	Jan 2 29; Sep 11 12; Oct 14; Nov 27; Dec 5 6 30
Coltishall	Jan 2 3 20; Feb 29; Oct 7	Milford Haven	Jan 1 2 20 28-30; Sep 10; Oct 5 14 23; Nov 27-29; Dec 5-8 30
Gorleston	Jan 2 3 20; Sep 11; Oct 5 7 12 14 15; Nov 29 30; Dec 6 (Defective Jan)	Port Talbot	Jan 2 20 29 30; Apr 14; Sep 9; Oct 14; Nov 29
Marham	Jan 2 3	Cilfynydd	Jan 1 2 20-22; Nov 29 (Defective Mar)
Wittering	Jan 2 3 20 23	Rhoose Airport	Jan 1 2 20
Wyton	Jan 2 3 20	8B ENGLAND SW	
Honington	Jan 2 3 20	Avonmouth	Jan 2 20; Oct 5; Nov 2
Wattisham	Jan 2 3 20; May 12	Hurn Airport	Jan 2; Oct 12 14; Nov 29; Dec 7
Bedford	Jan 2 3 20	Portland Bill CG	Jan 2 3 20 23 30; Sep 9, Oct 5 7 11 12 14 15; Nov 29 30; Dec 1 5-7 (Defective Feb, Apr, Oct, Nov)
Cardington	Jan 1-3 19 20; Feb 13; Oct 7 12; Dec 7	Mount Batten	Jan 2 30; Feb 11; Mar 12; Apr 14; Oct 3 7 14; Nov 29 30; Dec 1 2 5-7
Garston	Jan 2 3	Lizard	Jan 1 2 10 20 29 30; Feb 10-12; Mar 12 13; Apr 14; Sep 9 10; Oct 5 7 11 12 14 15; Nov 1 2 27-30; Dec 1 2 5-8 30
Rothamsted	Jan 2 (Jul-Dec Missing)	St Mawgan	Jan 2; Feb 10 11; Oct 14 15; Nov 29 30; Dec 1 2 6 7
Shoeburyness	Jan 2 3	Scilly (St Marys)	Jan 2 23 29; Feb 10 11; Mar 12 13 21 22; Sep 11; Oct 11-14 23; Nov 27 29 30 Dec 1 2 5-7
Stansted	Jan 2 3 20	CHANNEL ISLANDS	
		Guernsey Airport	Jan 2; Oct 11 12 14 15; Nov 29 30; Dec 1 2 6 7
		Jersey Airport	Jan 2 23; Oct 14 15; Nov 2 30; Dec 1 2 6 7
		NORTHERN IRELAND	
		Coleraine University	Oct 6
		Aldergrove	Jan 2 20 21; Sep 9; Oct 6
		Ballypatrick Forest	Jan 2 3 10 11 19-22 28-30; Feb 9; Mar 20 31; May 16; Sep 9; Oct 5 6; Nov 27
		Belfast Harbour	Jan 2 20-22 29; Oct 6 (Defective Oct)
		Kilkeel	Jan 2 10 20-22 28-30; Mar 28; Apr 14; Sep 9 11 25; Oct 5 6 17
		Carrigans	Jan 2 19-21 29 30; Oct 6
		Castle Archdale Forest	Jan 2 20; Oct 6; (Defective Jan, Sep)

Table 9 Occasions on which the maximum hourly mean wind was 41 knots or more (strong gale) during 1976

District and 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 Jan	08	350	44	0818	350	67	8-11
	4 Jan	23	260	42	2242	260	62	16 18 19 22 23
	5 Jan	00	270	43	0030	270	63	0-2
	20 Jan	12	280	44	0624	290	67	0-2 6-14 17
	24 Feb	20	240	46	2054	240	65	14-23
	25 Feb	02	260	42	1924	250	61	0-3 8 11-20
	29 Feb	23	290	49	2306	290	74	18-23
	1 Mar	00	300	42	0000	300	70	0-2
	28 Mar	08	230	45	0824	240	63	0-12
	7 Oct	05	230	41	0512	230	62	0-6
Kirkwall Airport	3 Jan	07	350	45	0724	350	65	6-10
	19 Jan	22	260	42	2054	250	69	18-23
	20 Jan	15	290	50	1442	280	76	0-2 8-22
	24 Feb	22	250	42	2236	250	61	18-23
	29 Feb	20	280	42	1854	260	70	16-23
	28 Mar	03	260	41	0212	260	60	0-6
Benbecula	20 Jan	12	280	48	0706	270	80	1-21
	21 Jan	14	290	42	1400	290	66	6-17
	31 Dec	10	290	43	1018	290	59	10 11
Dounreay	20 Jan	14	280	46	1606	290	72	10-23
	21 Jan	15	300	44	1548	300	76	1 12-18
	6 Mar	12	150	41	1212	150	56	8-16 20-23
Duirinish	19 Jan	23	280	44	2206	270	70	20-23
	20 Jan	09	280	46	0824	290	68	0-19
	10 Apr	16	230	44	2306	220	74	16-23
	11 Apr	02	210	47	0148	210	76	0-3
	16 May	15	190	41	2212	200	70	7-9 15 16 21 22
	27 Jun	09	220	50	0924	220	72	6-13
	6 Oct	17	240	48	1354	220	72	5-11 14-23
	31 Dec	12	270	48	1300	280	69	12 13 (Defective Mar, Apr, Oct)
Wick	20 Jan	15	280	46	1542	290	73	12-22
1 SCOTLAND E								
Fraserburgh	2 Jan	23	320	48	2254	320	65	21-23
	3 Jan	08	330	51	0830	330	68	0-15
	5 Jan	02	300	42	0230	310	54	1-5
	20 Jan	16	270	53	1636	270	76	0 4 12-23
	21 Jan	17	300	52	2018	310	70	0 2 14-23
	29 Feb	23	280	44	2148	280	67	21-23
	1 Mar	00	280	42	0354	280	57	0-6
	6 Apr	01	290	49	0036	300	68	0-11
	9 Sep	07	020	46	0930	020	62	5-21
Kinloss	28 Mar	11	240	41	1136	230	65	7-14
	9 Sep	01	360	42	0148	360	60	0-11
Lossiemouth	20 Jan	18	280	42	1412	270	72	13-21
	21 Jan	15	280	41	1348	260	67	14-18
	28 Mar	09	240	45	0954	240	66	4 7-14
	6 Apr	01	280	42	0118	280	66	0-4
	9 Sep	02	360	43	0400	010	62	0-11 13
	6 Oct	13	210	44	1306	210	68	9-14 16 17 20-23
Bell Rock	19 Jan	22	240	42	2242	240	58	21-23
	20 Jan	17	260	43	1654	270	64	0-3 6 8 9 11-13 15-19
	29 Jan	16	140	43	1624	140	54	0-20
	9 Sep	13	350	52	1354	350	71	5-21
	6 Oct	19	230	50	1424	220	69	0-2 7-23
	7 Oct	00	230	44	0100	230	57	0-6
	28 Nov	10	230	42	1000	230	64	0 1 3-14 16 18-23
	6 Dec	05	150	44	0512	150	57	3-7
	30 Dec	15	160	41	1136	160	51	8-16 (Defective Feb, Apr-Jun)
Leuchars	28 Mar	13	250	43	1330	250	65	7 8 10-16
Edinburgh	2 Jan	15	220	46	2054	—	72	13-17 20 21
Royal Observatory	9 Feb	10	220	42	1112	220	66	8-12 15 18 19
Blackford Hill	28 Mar	13	250	41	1100	250	67	11-17
	16 May	20	190	41	2000	190	69	16-22
	6 Oct	15	210	41	1500	210	70	5 6 9 11-23
	27 Nov	23	190	45	2348	200	76	18-23
	28 Nov	00	200	52	0024	200	82	0-5
	30 Dec	11	170	42	0936	170	58	0 9-13 (Defective Feb, Mar, Oct)
6 SCOTLAND W								
Ardrossan	2 Jan	20	330	46	2024	330	64	19-23
	3 Jan	00	330	43	0154	330	64	0-7
	20 Jan	13	290	46	1800	310	67	0-22
	21 Jan	14	300	45	1230	290	66	2 6-21
Dunstaffnage	20 Jan	12	250	44	1524	270	72	0-18
	21 Jan	14	250	42	1300	250	67	7 9-16
Greenock Port	2 Jan	23	320	42	2012	330	60	20-23
	20 Jan	04	290	41	1024	300	68	0-20

Table 9 (continued)

District and 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	
6 SCOTLAND W-cont.								
Lqwthier Hill	2 Jan	21	330	84	2100	330	116	14-23
	3 Jan	00	320	65	0024	310	89	0-10
	4 Jan	21	300	43	2106	300	56	20 21
	5 Jan	04	300	41	2006	300	56	4-6 10 11 20
	6 Jan	19	290	46	1936	290	60	0 19-23
	7 Jan	22	250	45	2142	250	61	11-16 18-23
	10 Jan	12	290	64	1254	290	92	7-23
	11 Jan	02	310	65	0224	310	91	0-23
	12 Jan	01	310	52	1118	300	74	0-7 9 11-23
	14 Jan	10	330	51	0942	320	69	5-19
	18 Jan	12	320	42	1224	320	61	5 7 8 12-17
	19 Jan	23	290	56	2336	290	75	5-23
	20 Jan	04	290	74	1430	300	104	0-23
	21 Jan	15	290	66	1506	290	100	0-23
	22 Jan	09	290	66	1254	310	87	0 1 6-23
	23 Jan	00	320	48	0230	320	72	0-8
	30 Jan	04	140	48	1406	130	61	0-16
	31 Jan	20	110	42	2030	110	54	5-13 15 17 20-23
	8 Feb	00	200	41	0036	200	58	0-2 4 5
	9 Feb	06	200	49	2030	280	70	3-22
	12 Feb	23	360	46	1406	310	60	14-23
	13 Feb	00	-	50	0006	-	63	0-5
	22 Feb	23	190	52	2336	190	73	7 9-11 17-23
	23 Feb	00	190	50	0024	190	75	0-4
	24 Feb	21	270	48	2048	270	66	12-23
	6 Mar	10	140	41	1018	140	56	7-20
	11 Mar	01	210	44	0142	210	53	0-12
	20 Mar	19	190	46	1942	180	57	18-23
	21 Mar	00	190	43	0042	190	55	0-1
	24 Mar	15	290	48	1536	290	72	15-20
	27 Mar	22	290	53	0600	300	68	0-15 17-23
	28 Mar	00	280	46	0018	280	65	0 1 3 5-14 16-23
	29 Mar	16	290	52	1706	290	73	0-6 9-23
	30 Mar	18	280	41	1848	280	58	0-3 15 18 19
	31 Mar	11	290	51	1142	290	76	6-20 23
	5 Apr	12	290	50	2230	300	70	0-23
	6 Apr	05	320	57	0536	330	72	0-12 14 19 20
	14 Apr	01	330	48	0112	310	57	0-3 10
	1 May	11	220	41	1112	220	54	7 9-13
	16 May	18	210	50	1806	210	69	9 16-23
	17 May	17	200	56	1742	200	73	0-19
	24 May	18	130	46	1206	140	62	8-23
	9 Jun	19	170	42	1912	170	55	18-20
	29 Jul	20	280	46	2006	280	60	18-21
	9 Sep	14	350	55	1336	350	71	3-22
	10 Sep	22	100	43	2224	100	55	18-23
	11 Sep	18	030	48	1830	030	63	0-23
	12 Sep	06	040	45	0324	040	58	0-9
	25 Sep	06	120	44	0624	120	57	0-23
	26 Sep	02	120	48	0230	120	60	0-7
	3 Oct	11	180	44	0954	180	62	5-12
	5 Oct	23	180	48	2354	180	75	13-16 20-23
	6 Oct	00	170	56	0030	170	80	0-20
	17 Oct	19	140	42	1918	150	59	12-23
	23 Oct	08	170	48	0818	160	64	5-9
	15 Nov	20	210	41	2030	210	54	19 20
	24 Nov	04	310	48	0436	310	62	0-14 16 22 23
	26 Nov	20	320	46	0024	250	60	0-2 7 12 19-23
	27 Nov	23	200	54	2230	200	79	3-5 17-23
	28 Nov	01	230	52	0154	240	74	0-3 7 (Defective Mar, May, Nov, Dec)
Machrihanish	2 Jan	19	310	45	1936	310	70	19-23
	20 Jan	09	280	44	0930	280	76	0-21 23
	21 Jan	14	280	41	1512	290	76	0-3 5 7-17
Prestwick Airport	2 Jan	22	320	42	2212	320	63	19-23
Tiree	2 Jan	18	330	44	2148	320	63	11 12 17-23
	20 Jan	08	280	50	0748	270	83	0-22
	21 Jan	12	270	44	1030	280	72	4-18
	29 Jan	15	130	41	1548	130	54	8-23
	30 Jan	07	130	43	0824	130	57	0-10 12 13
	20 Mar	14	150	43	1318	150	57	8-21
	8 Sep	23	350	42	2312	350	58	20-23
	6 Oct	11	210	48	0954	210	66	4-21
	27 Nov	21	180	42	2312	200	61	15-23
	28 Nov	01	210	43	0530	230	68	0-10
	6 Dec	01	120	41	0206	120	55	0-4
Eskdalemuir	2 Jan	21	270	52	2100	270	74	20-23
	20 Jan	06	260	41	0636	260	71	4-9 11-14

Table 9 (continued)

District and 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	
2 ENGLAND E & NE								
Blyth	20 Jan	00	250	43	0106	260	72	0-5 (Defective Jan)
South Shields	2 Jan	22	290	43	2212	290	72	22-23
Leeming	2 Jan	22	280	43	2154	280	68	21-23
Binbrook	2 Jan	23	270	50	2330	270	78	21-23
	3 Jan	00	270	44	0000	270	76	0-4
Coningsby	2 Jan	22	270	46	2224	270	71	21-23
Cranwell	2 Jan	21	250	48	2212	270	72	18-23
Scampton	2 Jan	22	290	46	2254	290	71	20-23
Waddington	2 Jan	22	270	48	2230	270	81	20-23
3 EAST ANGLIA								
Coltishall	2 Jan	23	270	48	2236	260	85	20-23
	3 Jan	00	270	43	0036	270	71	0-3
Gorleston	6 Dec	06	170	41	0636	170	62	3-7
Marham	2 Jan	22	260	49	2242	260	75	21-23
Wittering	2 Jan	22	290	52	2218	290	91	21-23
Wyton	2 Jan	22	260	47	2248	270	76	20-23
Honington	2 Jan	22	270	48	2254	280	78	21-23
Wattisham	2 Jan	22	260	49	2136	250	84	20-23
Bedford	2 Jan	21	260	45	2206	270	70	20-23
Cardington	2 Jan	21	260	54	2136	270	83	16-23
Stansted	2 Jan	21	240	41	2130	240	71	20-23
4 MIDLAND COUNTIES								
Finningley	2 Jan	22	270	48	2224	270	79	22-23
Cottesmore	2 Jan	22	280	50	2206	280	76	20-23 (Mar-Dec Missing)
Shawbury	2 Jan	19	240	43	2030	260	69	17-21
Birmingham								
Elmdon Airport	2 Jan	21	270	44	2118	260	73	19-22
Pershore	2 Jan	20	260	47	2036	260	76	19-22
Fairford	2 Jan	20	250	48	2018	250	74	19-21
5 ENGLAND SE & CENTRAL S								
Post Office Tower	2 Jan	21	250	52	2136	260	76	16-23
7A ENGLAND N W & I.O.M.								
Great Dun Fell	2 Jan	21	280	65	2118	290	88	12-23
	3 Jan	00	280	56	0030	280	76	0-9
	5 Jan	23	260	43	2106	250	55	2-6 21-23
	6 Jan	00	260	41	0006	260	50	0-3 7 21-23
	7 Jan	21	240	47	2100	240	59	0 1 6-12 14-23
	8 Jan	03	230	45	0336	230	55	0-6
	10 Jan	15	260	61	2054	270	78	6-23
	11 Jan	21	260	60	2124	260	73	0-23
	12 Jan	00	260	53	0006	260	69	0-22
	14 Jan	08	260	45	1130	280	61	0 1 3 6-14
	19 Jan	20	240	60	2036	250	74	0 9-23
	20 Jan	06	250	75	0618	260	110	0-23
	21 Jan	16	260	66	1448	260	86	0-23
	22 Jan	12	250	54	1236	260	78	0 6-23
	29 Jan	20	120	49	2106	120	64	2-11 15-23
	30 Jan	10	090	53	1024	090	65	0-23
	31 Jan	06	070	50	0924	070	61	0-23
	1 Feb	16	070	43	1642	070	51	0-23
	2 Feb	01	070	45	0130	070	55	0-10
	3 Feb	17	060	43	1748	060	51	14-23
	4 Feb	04	060	41	0948	060	50	0-17 20
	9 Feb	20	240	55	2006	240	70	13-23
	10 Feb	00	260	44	0200	260	54	0-3
	13 Feb	01	020	50	0142	020	68	0-11 13-16
	23 Feb	06	220	49	2106	220	64	0 1 3-12 16-21
	24 Feb	19	220	44	1448	230	54	11-16 18-23
	29 Feb	11	220	41	1606	260	56	3 4 10-16
	27 Mar	04	250	49	0742	260	62	0-23
	28 Mar	10	240	46	1730	240	57	0 2-5 7-19 22 23
	29 Mar	20	260	51	2118	260	65	0-23
	30 Mar	19	250	41	1948	250	55	0-2 9 10 12 13 15-23
	31 Mar	13	260	42	1318	260	60	0-3 7 11-21
	5 Apr	23	260	55	2354	270	71	0-4 7-9 12-23
	6 Apr	00	260	56	0206	270	72	0-9
	11 Apr	02	220	44	0200	220	57	0-13
	14 Apr	13	020	43	1306	020	56	12-16 21 23
	25 Apr	11	050	46	1118	050	57	0-12
	1 May	11	220	47	1136	220	61	9-17
	15 May	16	220	43	1212	200	56	13-19
	16 May	22	210	52	2042	210	66	5-23
	17 May	02	200	45	0006	210	60	0-5 7 13-18
	11 Jun	23	220	42	2342	220	51	18-20 22 23
	12 Jun	03	220	43	0318	220	52	0-6 12 13 15

Table 9 (continued)

District and 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	
7A ENGLAND NW & I.O.M.—cont.								
	13 Jun	16	220	41	1624	220	53	10 11 13-21
	28 Aug	09	060	43	0954	060	51	2-20
	9 Sep	21	360	51	2136	360	63	12-23
	10 Sep	23	070	41	0112	350	51	0 1 22 23
	11 Sep	16	050	71	1536	050	90	0-23
	12 Sep	00	040	60	0400	040	76	0-15
	14 Sep	17	040	41	1736	050	50	15-23
	24 Sep	23	090	44	2242	090	53	1 5-23
	25 Sep	03	090	49	0500	090	60	0-23
	6 Oct	12	230	64	1242	230	80	0-23
	14 Oct	13	080	54	1348	080	66	8-23
	23 Oct	19	220	47	1854	220	59	8 18-20 22 23
	29 Oct	16	050	43	1506	050	51	3 4 7-22
	30 Oct	04	060	42	0418	070	51	3-8 10
	25 Nov	08	250	41	0124	260	53	0-14 19-23
	26 Nov	09	230	44	2130	280	59	0-23
	27 Nov	20	210	49	2354	210	68	14 17-23
	28 Nov	00	210	53	0012	210	74	0-14 22 23
	6 Dec	02	160	42	1200	210	58	1-5 12-14
	29 Dec	06	230	41	2348	210	51	4-10 21-23
	30 Dec	08	180	44	0806	180	64	0-9 11 12 14
Moor House	2 Jan	21	280	55	2136	280	84	21-23
	3 Jan	00	290	44	0054	290	64	0-9
	10 Jan	21	270	43	2100	270	63	12-23
	11 Jan	22	260	46	2200	260	64	0-23
	12 Jan	00	260	45	0036	260	62	0-2 11 13-18
	19 Jan	21	260	42	2000	260	59	20 21
	20 Jan	07	270	46	0900	270	75	4-18 22 23
	21 Jan	16	270	47	1700	270	70	0-22
	11 Sep	16	040	41	1742	040	60	12-22 (Defective Mar, Apr)
Fleetwood	2 Jan	21	-	49	2036	-	79	20-23
	3 Jan	00	-	43	0054	-	65	0-10
	20 Jan	09	-	43	1442	-	62	9-23
Squires Gate Airport	2 Jan	21	300	41	2048	300	69	18-23
Aigburth	2 Jan	20	240	42	2036	270	82	15 16 18-23
Speke Airport	2 Jan	20	270	42	2100	290	66	20-22
Point of Ayre	2 Jan	20	300	49	2030	300	74	19-23
Ronaldsway	2 Jan	20	300	43	1954	300	73	19-22
7B WALES N								
Valley	2 Jan	20	290	45	1954	290	82	13-23
	27 Nov	21	180	42	2200	180	61	19-23
	30 Dec	04	170	44	0830	170	60	0-9
8A WALES S								
Aberporth	2 Jan	18	220	52	1842	220	70	16-23
	11 Sep	19	350	42	2236	350	59	17-23
Brawdy	2 Jan	18	250	46	1818	250	66	15-20
Milford Haven	2 Jan	18	260	55	1842	260	78	12 14-19
Cilfynydd	2 Jan	19	-	47	1924	-	84	15-20
8B ENGLAND SW								
Avonmouth	2 Jan	20	250	43	2006	250	66	18-21
Portland Bill CG	2 Jan	19	290	46	1924	290	61	17-23
	11 Oct	23	190	42	-	-	50	23
	14 Oct	16	290	51	1700	290	69	3-7 12-23
	15 Oct	00	300	44	0024	300	64	0-9 (Defective Oct)
Mount Batten	29 Nov	06	220	42	0654	230	65	6 7
Lizard	2 Jan	18	250	48	1854	250	67	11 13-21 23
	29 Jan	19	140	41	1848	140	54	10-23
	12 Mar	15	210	45	1512	210	63	6-8 13-21
	12 Oct	01	270	48	0054	270	61	0-4
	14 Oct	11	290	47	1054	300	72	0-3 6-23
	29 Nov	06	230	47	0554	220	65	4-7
	30 Nov	13	270	46	1142	260	69	4 5 7-14
	1 Dec	21	290	48	2236	290	75	16 17 20-23
	5 Dec	21	170	42	2124	170	58	19-22
	6 Dec	19	260	44	1948	260	63	3 4 6 7 9 11 12 15 17-22 (Defective Dec)
St Mawgan	14 Oct	12	300	44	1130	300	59	9-23
Scilly (St Marys)	2 Jan	18	260	42	1900	270	60	15-20
	12 Mar	14	260	41	1418	250	59	11 13-20
	14 Oct	08	290	47	0854	290	70	7-22
	1 Dec	23	280	43	1548	280	71	15-23
CHANNEL ISLANDS								
Guernsey Airport	14 Oct	10	240	44	1000	240	67	6-19 22 23
Jersey Airport	14 Oct	09	240	42	0936	230	67	7-23
	1 Dec	22	280	42	2000	270	78	19-23
NORTHERN IRELAND								
Ballypatrick Forest	2 Jan	19	320	41	1854	320	69	18-22
Belfast Harbour	2 Jan	19	300	46	1848	300	80	19 20
Kilkeel	6 Oct	13	190	41	1500	190	67	5-17

Table 10 Highest and lowest maximum and minimum temperatures during 1976 at each station

District and Place	highest maximum and date	highest minimum and date	lowest maximum and date	lowest minimum and date	District and Place	highest maximum and date	highest minimum and date	lowest maximum and date	lowest minimum and date
SCOTLAND N					SCOTLAND W				
Bellshiel	Aug 8	19.9	Aug 22	13.2	Jan 12, 22	0.2	Dec 30	-6.1	
Lerwick	Aug 18, 19	18.5	Jul 14	13.8	Dec 29	-0.9	Dec 29	-7.1	
Psychrometer	Aug 18	19.1	Jul 14	14.0	Dec 29	-1.2	Dec 29	-7.0	
Screen	Aug 20	22.7	Jul 13	13.9	Dec 28	0.7	Dec 28, 29	-2.7	
Kirkwall Airport	Jul 5	25.1	Jul 9	15.2	Dec 3	2.3	Feb 5	-4.6	
Benbecula	—	—	—	—	—	—	—	—	
Scalpay	Jul 1, 5	23.7	Jul 6	14.3	Dec 10	1.2	Feb 2	-4.2	
Stornoway	Jul 7	28.6	Jul 4	16.2	Dec 2	-2.3	Dec 4	-7.4	
Achnahellach	Jul 5	27.7	Jul 9	16.3	—	—	—	—	
Balmacara	Jul 1	26.0	Aug 21	17.6	Dec 29	1.7	Dec 4	-2.4	
Cape Wrath	Jul 3, 4	30.1	Jun 24	15.0	—	—	—	—	
Corrach	Jul 1	30.5	Jun 24	14.8	Dec 2	-1.8	Dec 11	-9.5	
Craigdarroch	Jul 1	28.1	Jul 4	16.0	—	—	—	—	
Dalwhinnie	Jul 8	28.1	Jul 4	15.1	Dec 2	1.0	Dec 2	-5.7	
Downray	Aug 25	24.5	Jul 12	16.0	Feb 1	0.2	Dec 3	-3.5	
Fortrose	Jul 8	28.8	Jul 12	15.7	Dec 3	-1.7	Dec 3	-12.8	
Glenmore Lodge	—	—	—	—	—	—	—	—	
Grantown-on-Spey	Jul 3	30.0	Jul 12	15.6	Dec 2	-2.4	Dec 3	-13.6	
Haaste	—	—	—	—	—	—	—	—	
Isle of Rhum	Jul 5	27.3	Jul 13	16.0	Dec 2, 3	-0.2	Dec 4	-6.4	
Keiss	Aug 25	21.6	Jul 13	13.5	Dec 2	1.0	Dec 3	-6.1	
Kintochewe	—	—	—	—	—	—	—	—	
Knocknack	—	—	—	—	—	—	—	—	
Lagganilla	Jul 3	29.2	Jul 13	15.0	Dec 3	-1.7	Dec 3	-15.8	
Lairg	Jul 1	29.5	Jun 24	14.7	Dec 3	-5.3	Dec 3	-9.3	
Leitran	Jul 1	28.1	Aug 6	14.8	Dec 2	-2.8	Feb 2, 3	-8.0	
Loch Dich	Jul 5	29.5	—	—	Dec 11	—	—	—	
Nairn	Jul 1	29.0	Jun 24	15.8	Dec 2	0.3	Dec 3	-7.7	
Onich	Jul 7	29.0	Jul 5	16.0	Dec 3	-0.5	Dec 4	-8.0	
Poolewe	Jul 1	27.9	Jul 4	16.7	Dec 2	1.1	Dec 2, 4	-3.1	
Prabost	Jul 5	27.0	Jul 4	15.8	Dec 2	-1.9	Dec 3	-5.3	
Rubi Re	Jul 9	25.0	Jul 9	15.6	Jan 31	3.1	Feb 1, 2	-2.0	
Strathconon	Jul 1	29.0	Jun 24	14.4	Dec 2	-4.3	Dec 3	-10.6	
Strathly	—	—	—	—	—	—	—	—	
Tarbatness	Aug 25	26.1	Aug 6	15.8	Dec 3	0.2	Dec 3	-4.0	
Tomatin	Jul 7	28.1	Jul 4	15.5	Dec 2	-0.2	Dec 3	-12.0	
Wick	Jul 1	23.4	Jul 13	14.1	Dec 28	-0.2	Dec 12	-7.5	
SCOTLAND E					SCOTLAND W				
Aberdeen	Aug 25	28.4	Jun 24	15.1	Dec 12	-2.0	Dec 12	-8.4	
Dyce Airport	Jul 2	25.6	Jun 24, Jul 6, 13	14.4	Dec 28	-0.3	Dec 12	-6.7	
Marinefield	Jul 2	29.0	Jun 24	14.6	Dec 2	0.7	Dec 3	-12.1	
Balmoral	Aug 25	29.5	Jun 24	16.0	Dec 2	-3.0	Dec 3, 4	-6.0	
Banchory	Jul 7	26.0	Jun 24, Jul 13	15.2	Dec 2	0.3	Dec 12	-4.5	
Barff	Jul 8	30.0	Jun 24	14.7	Jan 24	-0.4	Jan 2, Dec 3	-13.0	
Bremer	Jul 2	25.8	Jun 25	14.9	Dec 28	-0.7	Dec 12	-6.6	
Craigstone	Jul 2	24.5	Jul 6	14.5	Dec 28	-0.2	Dec 12	-7.6	
Cullterry	Jul 1	31.0	Jul 12	16.5	Dec 2	-0.5	Dec 4	-9.5	
Elgin	Jul 1	30.4	—	—	—	—	—	—	
Forres	Jul 1	30.4	—	—	—	—	—	—	
Fraserburgh	Jun 25, Jul 3	24.4	Jul 6	14.4	Dec 1, 28	2.7	Dec 6	-1.8	
Fyvie Castle	Jul 2, 10, Aug 25	27.5	Jun 24	15.0	Dec 1, 12	0.0	Dec 12	-9.5	
Gertly	Jul 3, 8	29.3	Jun 24	14.9	Dec 28	-0.7	Dec 3	-9.4	
Glenlivet	Jul 3	29.9	—	—	Dec 3	-2.1	Jan 2	-11.7	
Inverurie	Aug 25	29.4	—	—	—	—	—	—	
Keith	Jul 1	30.1	Jun 23	14.6	Dec 2	-0.5	Jan 2	-9.9	
Kintross	Jul 1	30.6	Jul 12	16.7	Dec 3	0.0	Feb 2	-8.0	
Lossiemouth	Jul 1	31.6	Jul 12	17.0	Dec 3	-1.3	Dec 3	-12.5	
Stonehaven	—	—	—	—	—	—	—	—	
Arbroath	Jun 25, 26	23.9	Jul 6	16.0	Dec 2	1.7	Dec 11	-3.0	
Ardanraig	Jul 8	29.3	Jul 13	15.1	Dec 2	-1.9	Dec 4	-7.0	
Ashintully Castle	—	—	—	—	—	—	—	—	
Blairgowrie	Aug 25	27.9	Jun 24	15.4	Dec 2	-2.0	Jan 2	-7.5	
Dart	—	—	—	—	—	—	—	—	
Dunrobin Castle	Jul 8, Aug 25	27.3	Jun 26	14.8	Dec 5	0.6	Dec 3	-8.5	
Dundee	Jun 29	27.0	Jul 6	15.7	—	—	—	—	
Falkirk	Aug 26	28.3	Jun 24	15.2	Jan 1	-0.3	Dec 4	-9.9	
Glenaville	—	—	—	—	—	—	—	—	
Kindroan	Aug 26	26.2	Jul 3	13.7	Dec 2	-3.3	Jan 2	-10.5	
Kinross	Aug 25	27.2	Jul 6	14.8	Dec 2	-3.5	Dec 3	-15.0	
Montrose	Jul 27	24.4	Jun 28, Aug 15	14.4	Dec 1	0.5	Jan 2	-5.5	
Mylnfield	Jun 29	28.7	Jul 6	15.9	Dec 11	1.0	Dec 5	-7.0	
Perth	Jul 2	28.7	Jun 24	15.7	—	—	—	—	
Strathallan	Jul 8	28.3	Jun 25, Jul 8	15.5	Dec 2	-2.0	Dec 3	-11.6	
Udd	Jul 27	24.2	Aug 15	14.2	Dec 28	0.8	Dec 11	-4.0	
Whitehills	Jul 2	27.4	Jun 24	14.5	Dec 2	0.0	Jan 2	-8.9	
Bellisland	Jun 29	26.6	Jul 2	15.4	Dec 2	0.1	Dec 6	-2.4	
Cupar (Elmwood)	Aug 25	27.4	Jul 6	14.4	Dec 2	0.4	Dec 5	-7.9	
Glenrothes	—	—	—	—	—	—	—	—	
Glenwood	Jul 8	25.8	Jul 2	14.7	Dec 10	0.2	Dec 3	-7.2	
Leuchers	Jun 29	28.1	Jun 24	16.1	Dec 5	0.6	Dec 8	-7.0	
Pitvennie	Aug 25	27.7	Jul 2	15.5	Dec 3	-3.9	Dec 3	-7.3	
St Andrews	Aug 25	27.1	—	—	—	—	—	—	
Blackburn	—	—	—	—	—	—	—	—	
Sewage Works	Jul 1	28.0	—	—	—	—	—	—	
Bush House	Jul 1, 2	28.0	Jul 2	15.7	Dec 3	0.5	Dec 3	-9.6	
Dunbar	Jun 8	26.6	Jul 19	16.0	Dec 2	0.4	Dec 3	-4.5	
Edinburgh	—	—	—	—	—	—	—	—	
East Craigs	Jun 29	27.9	Jul 14	15.6	Dec 2	0.4	Dec 3	-8.0	
Royal Botanic Garden	Jun 29	27.5	Jul 2	15.9	Dec 3	0.5	Dec 3	-7.5	
Royal Observatory	—	—	—	—	—	—	—	—	
Blackford Hill	Jul 1	28.5	Jul 2	16.4	Dec 3	0.0	Dec 3	-6.0	
Turnhouse	—	—	—	—	—	—	—	—	
Airport	Jun 29	28.1	Sep 21	15.3	Dec 3	-0.3	Dec 3	-9.6	
Haddington	Jul 3	30.7	Jun 9, Jul 13	16.4	Dec 2	1.0	Dec 3	-8.6	
Livingston	Jul 1	28.8	Jul 13	15.0	Dec 2	-1.7	Dec 3	-11.0	
Nunnew Abbey	Jul 3	28.4	Jun 8, Jul 2, 12	16.0	Dec 3	-0.7	Dec 3	-7.0	
Pathhead	Jul 6	29.5	Jul 2	15.5	Dec 2	-0.8	Dec 3	-7.5	
Penicuik	Jul 1	28.9	Jul 2	15.0	Dec 4	-0.3	Dec 3	-8.1	
Roslin	Jul 1	28.8	Jul 2	15.5	Dec 2	0.8	Dec 3	-8.0	
Blyth Bridge	Jul 3	28.4	Jul 2	14.8	Dec 3	-3.0	Dec 3	-12.0	
Blythe	Jul 2, 3	28.8	Jul 4	13.8	Dec 2, 17	0.0	Dec 29	-6.3	
Bowhill (Selkirk)	Jul 2, 3	30.5	Jul 19	14.7	Dec 3	0.4	Dec 3	-7.9	
Floors Castle	Jul 2	30.6	Jul 19	16.1	Dec 15	0.0	Dec 4	-8.4	
Gatshells	Jul 2	29.5	Jul 13, 19	14.1	Dec 16	0.1	Dec 3	-7.5	
Glenresis	Jul 2, 3	31.0	Jun 9, Jul 2	15.0	Dec 3	0.5	Dec 3	-11.2	
Greyrook	Jul 2	30.5	Jul 19	15.1	Dec 2, 3, 16	0.5	Dec 3	-7.4	
Kelso	Jul 2	32.1	Jul 19	17.0	Dec 3, 15	0.6	Dec 4	-8.6	
Leitham	Jul 2	30.0	Jun 24, Jul 19	14.8	Dec 15	0.7	Dec 4	-3.4	
St Abbs Head	Jun 27	25.5	Jul 3	16.7	Jan 28, Dec 30	1.6	Dec 29	-11.4	
Stanhope Farm	Jul 3	29.2	Jul 13	14.8	Dec 3	-3.1	Dec 3, 4	-11.4	
Wachhope	Jul 2	32.4	—	—	—	—	—	—	
West Linton	Jul 2	28.7	Jun 9	15.4	Dec 4	-1.7	Dec 4	-13.0	
Whitchester	Jul 2	28.3	Jul 2	15.2	Dec 2	-0.2	Dec 29	-5.6	
SCOTLAND W					SCOTLAND W				
Achnaglachgach	Aug 25	27.3	Jul 5	17.0	Dec 2	1.3	Dec 4	-8.2	
Aros	Jul 3	27.5	Jul 9	15.5	Dec 4	2.0	Dec 4	-7.6	
Auchincruive	Jul 3	29.4	Jul 2	17.0	Dec 4	-0.6	Dec 5	-8.2	
Barnhead	Jul 1	28.4	Jul 4, 13	15.6	Dec 3	-1.5	Dec 4	-9.2	
Benmore (Younger)	—	—	—	—	—	—	—	—	
Botanic Garden	Jul 3	27.7	Jul 13	15.6	Dec 2	0.0	Dec 4	-7.6	
Brodick Castle	Jul 3	27.5	Jul 13	15.9	Dec 4	1.8	Dec 4	-5.6	
Camps Reservoir	Jul 3	28.2	Jul 2	15.2	Dec 3	-2.5	Dec 3	-12.5	
Carnwest	Jul 3	28.8	Jul 13	14.5	Dec 3	-2.4	Dec 5	-16.2	
Colonsay	Jul 4	25.3	—	—	—	—	—	—	
Colony	Jul 3	27.8	Jul 2	15.6	Dec 3	-2.7	Dec 3	-15.8	
Crawfordjohn	Jul 3	—	—	—	—	—	—	—	
Cumbrauld	—	—	—	—	—	—	—	—	
Cumnock	Jul 3	28.6	Jul 2	18.5	Dec 3	-1.3	Dec 5	-10.5	
Dunstaffnage	Jul 3	28.1	Jul 1, 5	15.2	Dec 3	-0.9	Dec 4	-7.0	
East Kilbride	Jul 1	28.3	Jul 2	16.6	Dec 3	-1.9	Dec 4	-10.2	
Finnart	Jul 4	27.8	—	—	—	—	—	—	
Girvan	—	—	Jul 2	18.9	Dec 3	-0.3	Dec 3, 4	-7.0	
Glasgow	—	—	—	—	—	—	—	—	
Abbotsinch	—	—	—	—	—	—	—	—	
Airport	Jul 3, 8	29.1	Jul 13	16.1	Dec 3	-4.5	Dec 5	-8.6	
Springburn	—	—	—	—	—	—	—	—	
Park	Jul 1	28.6	Jul 2	16.5	Dec 2	-0.1	Dec 3	-7.6	
Weather	—	—	—	—	—	—	—	—	
Centre (X)	Jul 2, 8	29.8	Jul 2	20.0	Dec 3	-3.0	Dec 4	-6.7	
Glenbranter	Jul 3	28.8	—	—	—	—	—	—	
Greenock	—	—	—	—	—	—	—	—	
Knappdale	Jul 3	26.5	Jul 3	16.5	Dec 2, 4, 16	1.0	Dec 4	-7.6	
Knappdale Forest	—	—	—	—	—	—	—	—	
Lanark	—	—	—	—	—	—	—	—	
Leadhills	Jul 3	27.0	Jul 4	17.0	Dec 3	-1.5	Dec 3	-11.0	
Macbridehill	Jul 4	25.5	Jul 5	17.5	Dec 4	3.1	Dec 4	-6.0	
Milport	Jul 3, 7	26.4	Jul 4	16.7	Jan 30	2.2	Dec 4, 30	-2.5	
Paisley	Jul 3	29.3	Jul 3, 9	17.0	Dec 3	-2.0	Dec 4	-7.7	
Prestwick	Jul 3, 7	28.9	Jul 2	16.7	Dec 4	-1.3			

Table 10 (continued)

District and Place	highest maximum and date	highest minimum and date	lowest maximum and date	lowest minimum and date
Cranwell	Jun 26 32.9	Jul 19 17.0	Jan 30 -0.2	Jan 28 -6.7
Kirton	Jun 26 33.5	Jul 19 16.8	Jan 30 -0.2	Dec 29 -4.2
Lincoln	Jun 26 32.0	Jul 19 17.8	Dec 28 0.1	Dec 11 -6.9
Skagness	Jun 23, 26 29.9	Jun 27, Jul 16, Aug 23 17.5	—	Dec 29 -4.0
Waddington	Jun 26 32.4	Jul 19 17.5	Jan 25, Dec 28 0.1	Jan 28 -4.9
3 EAST ANGLIA				
Colishall	Jun 26 33.1	Jun 27 16.9	Jan 30 -0.7	Jan 28 -5.6
Costessey	—	—	—	—
Cromer	Jun 26 31.8	Aug 22 16.6	Feb 2 0.8	Dec 29 -5.7
East Dereham	Jun 26 35.4	Aug 30 15.8	Jan 30 -1.2	Jan 28 -7.9
Gorleston	Jul 13 25.7	Aug 23, 24 18.0	Jan 30 0.3	Dec 29 -3.4
Marham	Jun 26 33.9	Jun 27 17.4	Jan 30 -1.5	Jan 28 -7.9
Morley	—	—	—	—
St Botolph	Jun 26 32.6	Jul 16, Aug 30 15.9	Jan 30 -1.4	Jan 28 -6.2
Santon Downham	Jun 26 34.6	Jul 19 15.9	Dec 15 0.2	Jan 28 -9.3
Scale	Jun 26 34.3	Jul 16 17.0	Jan 30 -0.9	Jan 28 -5.9
Tarrington	—	—	—	—
St Clement	Jun 26 32.4	Jun 27 16.6	Jan 30 -0.5	Jan 28 -5.6
Boxworth	Jun 26 33.5	Jul 19 16.7	Jan 30 -1.0	Dec 29 -5.8
Cambridge	—	—	—	—
Botanic Garden	Jun 26 34.0	Jun 27 17.7	Jan 30 -1.0	Dec 29 -6.8
National Institute of Agricultural Botany	Jun 27 33.5	Jul 16 16.6	Jan 30 -1.0	Dec 29 -6.0
March	Jun 27 34.4	Jun 27, Jul 16 16.8	Jan 30 -0.5	Jan 28 -6.6
Mepal	Jul 3 33.9	Jun 27 17.0	Jan 30 -0.6	Jan 28 -5.9
Monks Wood	—	—	—	—
Wittering	Jun 26 33.3	Jun 28 17.3	Jan 30 -1.3	Dec 29 -6.0
Wyton	Jun 26 34.0	Jun 26 17.6	Jan 30 -0.6	Mar 7 -5.4
Aldeburgh	—	—	—	—
Brooms Barn	Jun 26 33.3	Jun 26 17.5	Jan 30 -1.6	Jan 28 -5.5
East Bergholt	Jun 26 33.5	Jul 15 16.3	Jan 30, 31 -0.6	Dec 29 -6.7
Haughley	Jun 26 33.4	Jul 16 16.4	—	—
Honington	Jun 26 33.7	Jun 27 16.9	Jan 30 -1.5	Jan 28 -10.6
Lowestoft	Jul 19 26.0	Aug 22 17.2	Jan 30 -1.6	Dec 29 -4.5
Wattisham	Jun 26 33.0	Jun 25 17.3	Jan 30 -1.2	Dec 29 -6.9
Cardington	Jun 26 34.2	Jul 4, 16 16.4	Jan 30 -0.4	Dec 29 -7.4
Luton	Jun 27 33.1	Jun 25 19.0	Jan 31 -1.9	Dec 29 -7.0
Silsoe	Jun 27 33.0	Jun 28 16.9	Jan 30, 31 -0.7	Dec 29 -7.1
Woburn	Jun 26 33.3	Jun 23 16.8	Jan 31 -0.8	Dec 29 -8.2
Aldenham School	Jun 26 34.1	Jun 28, Jul 4 17.1	Jan 31 -0.5	Dec 29 -8.5
Garston	Jun 27 34.0	Jun 27 18.5	Jan 31 -0.4	Dec 29 -7.1
Hoddeston	Jun 26, 27 33.6	Jun 27 18.2	Jan 30 -0.5	Dec 29 -7.1
Rothamsted	Jun 26 33.0	Jun 27 17.9	Jan 30 -1.1	Dec 29 -8.9
St Albans	Jun 27 33.3	Jul 4 18.2	Jan 31 -0.8	Dec 29 -7.0
Stanstead	—	—	—	—
Albottis	—	—	—	Jan 26 -6.5
Clacton-on-Sea	Jun 9 28.1	—	—	—
Harlow	Jun 26 33.5	Jun 27 17.8	Jan 31 -1.1	Dec 29 -7.0
Little Parndon	Jun 27 33.9	Jun 27, Jul 4 17.2	Jan 31 -1.1	Jan 28 -8.1
Maldon	Jul 6 34.0	Jul 16 17.5	—	—
Shoburyness	Jun 23 30.2	Jun 24 18.0	Jan 30 -0.5	Dec 29 -6.3
Southend	Jun 23 29.9	Jun 25, Jul 4 18.4	Jan 30 -0.1	Dec 29 -5.2
Stanford-le-Hope	Jun 23, 24 31.0	Jul 4 17.0	Jan 30, 31 0.0	Dec 29 -6.0
Stansted	Jun 26 32.6	Jul 4 16.9	Dec 29 -2.0	Dec 29 -7.0
Writtle	Jun 26 33.6	Jul 16 16.8	Jan 30 -0.9	Dec 29 -6.4
4 MIDLAND COUNTIES				
Bradford	Jun 29 29.2	Jul 19 16.5	Jan 30 0.3	Dec 29 -4.4
Bramham	Jul 3 28.1	Jul 19 17.6	Jan 25 0.0	Mar 4, Dec 29 -3.9
Huddersfield	—	—	—	—
Oakes	Jul 3 30.3	Jul 4 15.5	Jan 30 -0.9	Mar 24 -4.0
Ravensknowle	Jun 29 30.2	Jul 19 17.1	Dec 28 0.5	Mar 24 -3.9
Ilkley	Jun 29 29.8	Jul 19 17.0	Dec 31 -1.0	Dec 29 -5.0
Todmorden	Jun 29 30.1	Jul 4 16.7	Jan 30 0.1	Dec 4 -7.0
Pontefract	—	—	Jan 25, Feb 2 0.6	Dec 29 -3.4
Widnes	Jun 29 29.4	Jul 4, 19 16.2	Dec 28 -1.0	—
Farnley	Jul 3 32.2	Jul 19 18.0	Dec 29 0.8	Dec 5 -5.0
Sheffield	Jul 3 31.5	Jul 19 17.0	Dec 28 0.2	Jan 31 -3.9
Ashover	Jul 3 31.8	Jul 19 16.1	Feb 2 -0.6	Dec 29 -4.8
Buxton	Jul 3 29.0	Jul 4 17.0	Jan 29 -1.2	Dec 29 -6.6
Derby	Jul 3 32.7	Jul 19 17.8	Jan 30 0.3	Dec 4 -5.1
Morley	Jul 4 31.4	—	—	-6.1
Wingerworth	Jul 3 31.6	Jun 5 15.2	Jan 30 -0.6	Jan 28 -6.4
Mansfield	Jul 3 32.0	Jun 23, Jul 19 16.7	Jan 30, 31 -0.5	Mar 4, 5 -4.5
Newthorpe	Jul 3 32.0	Jul 19 17.5	—	Jan 28, Apr 29 -5.6
Nottingham	Jul 3 32.0	Jun 26 18.0	Jan 30 0.0	Dec 4 -5.5
Sutton	—	—	—	—
Benington	Jul 3 32.2	Jul 19 17.7	Jan 30 -0.1	—
Warop	Jul 3 32.5	Jul 19 17.8	Feb 2 0.3	Feb 16 -5.5
Watnall	Jul 3 32.3	Jun 26 17.4	Jan 30 -0.1	Dec 4 -5.5
Keele	Jul 3 30.2	Jul 4 17.5	Jan 30 -1.3	Dec 4 -8.8
Oakley	Jul 3 32.1	Jul 4, 19 16.6	Feb 2 -0.3	Dec 4 -7.1
Penkridge	Jul 3 32.2	Jul 4, 19 16.5	Feb 3 0.7	Dec 4 -7.4
Stone	Jul 3 30.8	Jul 4 17.3	Dec 3 -2.3	Dec 4 -7.8
Caldicot	Jun 26 33.2	Jul 16 17.3	Jan 30 -0.3	Nov 11 -6.7
Newtown Linford	Jul 3 32.3	Jul 19 16.6	Jan 30 -1.1	Dec 29 -6.3
Newport	Jul 3 32.0	Jul 19 17.2	Jan 30 -0.2	Mar 9 -6.3
Oswestry	Jul 3 31.4	Aug 28 16.2	Feb 2 -0.7	Jan 31 -4.5
Shawbury	Jul 3 32.6	Jul 4 17.6	Jan 30 -0.1	Dec 29 -7.5
Shrewsbury	Jul 3 32.8	Jul 4 18.6	Jan 30 -0.4	Dec 4 -5.8
Birmingham	—	—	—	—
Edgbaston	Jul 3 32.6	Jul 4 18.8	Jan 30 -1.2	Dec 4 -4.6
Elmdon Airport	Jul 3 32.9	Jul 4 17.4	Jan 30 -0.9	Dec 4 -7.1
King Edward School	Jul 3 31.9	—	Jan 30 -1.1	Dec 4 -4.9
Coventry Airport	Jul 3 33.0	Jul 19 16.7	Jan 30 -0.8	Dec 29 -8.8
Long Lawford	Jul 3 33.4	Jul 19 16.6	Jan 30 -1.2	Dec 4 -8.1
Luddington	Jul 3 33.2	Jul 4 17.9	Dec 4 0.0	Dec 29 -7.6
Moreton Morrell	Jun 27 32.5	Aug 5 16.7	Dec 4 -1.0	Jan 31 -6.7
Rugby	Jun 26 33.0	Jul 4 18.5	—	Dec 29 -6.7
Shipton-on-Stour	Jul 3 32.8	Jul 4 18.6	Feb 2 -0.5	Dec 4 -8.0
Stratford-upon-Avon	Jul 3 33.7	Jul 4 17.9	Jan 30 -0.1	Dec 29 -8.0
Wellesbourne	Jul 3 33.6	Jul 4 17.6	Dec 4 -0.3	Dec 29 -7.7
Bugbrooke Mills	Jul 4 33.5	Jun 28 17.0	Jan 30 -1.0	Dec 30 -7.1
Raunds	Jun 26 34.0	Jul 16 17.0	Jan 30 -1.1	Dec 29 -7.8
Lyonsall	Jul 3 32.2	Jul 3 17.0	Feb 2 -0.8	Dec 4 -6.0
Malvern	Jul 3 34.6	Jul 4 18.5	Feb 2 0.2	Dec 4 -7.0
Pershore	—	—	—	—
College of Horticulture	Jul 3 33.5	Jul 4 17.5	Dec 4 -0.2	Dec 4 -6.1
Royal Radar Establishment	Jul 3 34.0	Jul 19 17.6	Dec 4 -1.3	Mar 24 -7.0
Preston Wynne	Jul 3 33.2	Jul 4 16.8	Feb 2 0.2	Mar 9 -7.3
Cheltenham	Jul 3 35.9	Jul 4 18.8	Jan 31, Feb 1 -1.1	Dec 29 -6.3
Innsworth	Jul 3 34.2	Jul 4 18.9	Dec 4 -2.0	Dec 29 -6.4
Little Rissington	—	—	—	—
Benson	Jun 27 34.7	Jul 4 18.0	Jan 31 -0.8	Dec 29 -8.9
Briar Norton	Jun 27 33.5	Jul 4 18.5	Dec 29 -3.5	Dec 29 -11.2
Letcombe Regis	Jul 2 33.3	Jul 16 16.3	Jan 31 -1.2	Dec 29 -8.4
Oxford	Jun 27 34.3	Jul 4 20.3	Jan 31 -0.2	Dec 29 -8.9
Sharnburn (Model Farm)	Jun 27 33.6	Jun 23 17.6	Jan 31 -1.1	Dec 29 -9.9
Wallingford	Jun 27 33.9	Jul 19 16.8	Jan 31 -0.6	Dec 29 -12.2
Aylesbury	Jun 27 33.5	Jun 26, 28 17.4	Jan 31 -1.0	Dec 29 -13.6
Grendon	—	—	—	—
Underwood	Jun 26 33.1	Jul 19 16.5	Jan 31 -0.7	Dec 29 -16.0
Madmenham	Jun 26 33.7	Jul 1, 16 16.4	Jan 31 -1.1	Dec 29 -10.5
5 ENGLAND SE & CENTRAL S				
Bromley	Jun 25, 26, 27 33.0	Jul 4 19.0	Jan 30, 31 0.0	Dec 29 -7.0
Enfield	Jun 26 34.6	Jul 4 20.5	Jan 31 0.2	Dec 29 -3.9
Greenwich	—	—	—	—
Harrow	Jun 26 33.7	Jul 4 19.4	Jan 31 -1.0	Dec 30 -5.2
Hampton	Jun 26 34.5	Jul 4 20.9	Jan 31 0.2	Dec 29 -5.7
Harrow Weald	Jun 26 34.0	Jun 27, 28 17.0	Feb 2 0.5	Dec 29 -7.0
Heathrow Airport	Jun 26 34.8	Jun 28 20.8	Jan 31 -0.3	Dec 29 -5.5
Kensington Palace	Jun 26 33.9	Jun 27 20.2	Jan 31 -0.1	Dec 29 -5.0
Kew	—	—	—	—
Psychrometer North Wall	Jun 26 34.2	Jun 27, Jul 4 18.0	Jan 31 -0.2	Dec 29 -7.7
Screen	Jun 26 34.6	Jun 27 20.8	Jan 31 -0.3	Dec 29 -5.6
London Weather Centre (X)	Jun 26 34.8	Jun 28 21.6	Jan 31 0.0	Jan 30 -2.5
St James Park	Jun 26 34.6	Jul 4 20.7	Jan 31 0.2	Dec 29 -4.4
Southgate	Jun 26, 27 34.0	—	—	Dec 29 -5.0
Waddon	Jun 26 35.0	Jul 1, 4 19.0	—	—
Woolstone	—	—	—	—
Boscombe Down	Jun 26, 27 33.7	Jul 4 18.8	Jan 31 -1.3	Dec 29 -10.1
Lacock	—	—	Dec 4 -2.8	Dec 29 -9.5
Larkhill	Jul 2 33.8	Jun 28 18.0	Jan 31 -1.2	Dec 29 -11.1
Lyneham	Jul 2 32.9	Jun 26 18.3	Jan 31 -1.4	Dec 29 -8.4
Porton	Jun 26, 27 33.9	Jun 29 18.3	Jan 31 -1.2	Dec 29 -11.0
Upavon	Jun 26, 27 33.2	Jun 28 19.4	Jan 31 -2.0	Dec 29 -7.5
Easthampstead	Jun 26 34.2	Jul 16 17.0	Jan 31 -0.8	Dec 29 -11.6
Hurley	Jun 27 33.7	Jun 27 18.8	Jan 31 -0.4	Dec 29 -8.8
Lambourn (Warren)	Jul 2, 3 31.8	Jul 4 17.7	Jan 31 -2.1	Dec 29 -11.6
Reading	Jun 26 34.0	Jul 4 19.0	Jan 31 -0.6	Dec 29 -8.4
Shinfield	—	—	—	—
(N.I.R.D.)	Jun 27 34.6	Jul 4 18.0	Jan 31 -0.7	Dec 29 -8.4
Merrist Wood	—	—	—	Dec 29 -7.5
Mickleham	Jun 26, 27 33.6	Jul 4 16.6	Jan 31 -0.3	Dec 29 -8.6
Witley	Jun 26 34.9	Jul 4 21.9	Jan 31 -0.4	Dec 29 -8.0
Dover	—	—	—	—
Dover R.M.S.	—	Jun 28 17.3	—	Dec 4 -6.0
Dungeness	Jul 6 26.1	Jul 3 18.2	Jan 30 -0.4	Dec 29 -6.2
East Malling	Jun 26 33.3	Jul 1, 4 17.8	Jan 30 -0.5	Dec 29 -6.3
Elmstone	Jun 26 30.7	Jul 1 16.9	Jan 30 -0.6	Dec 29 -7.6
Faversham	Jul 3 32.0	Jul 16 16.8	Jan 30 -1.0	Dec 29 -7.9
Folkestone	Jun 26 32.0	Jul 4 19.4	Jan 31 0.3	Dec 29 -6.2
Gillingham	Jun 24 32.4	Jun 27 18.1	Jan 30 -0.5	Dec 29 -9.3
Goodhurst	Jun 26 33.5	Jul 6 16.3	Feb 1 -0.2	Dec 5 -6.8
Hedlow College	Jun 26 33.1	Jul 1 17.4	Jan 30 -0.2	Dec 5 -6.8
Horne Bay	Jun 9 30.5	Jul 1, 16, Aug 16 17.0	Jan 30 -0.5	Dec 29 -4.5
Manston	Jun 26 31.2	Jul 16 18.2	Jan 30 -0.4	Dec 29 -6.4
Margate	Jun 9 29.9	Jun 25 20.3	Jan 30 -0.6	Jan 31 -3.1
Uckfield	Jun 26 33.6	Jul 1 17.3	Feb 3 -1.0	Dec 5 -7.2
Wye	Jul 3 32.8	Jul 4 18.5	Jan 30 -1.2	Dec 29 -7.8
Alice Holt Lodge	Jun 26 34.2	Jun 27 18.3	Jan 31 -1.2	Dec 29 -8.7
Everton	Jun 28 33.5	Jun 29 18.2	Jan 31 0.0	Dec 5 -5.0
Hayling Island	Jul 1 32.1	Jul 3 20.0	Jan 30 0.1	Dec 29 -3.2
Leckford	Jun 27 33.5	Jun 27 17.4	Jan 31 -1.5	Dec 29 -10.6
Long Sutton	Jun 27 33.9	Jul 4 19.2	Jan 31 -1.2	Dec 29 -7.2
Marny Worthy	Jun 27 34.0	Jul 3 16.9	Jan 31 -1.2	Dec 29 -10.3
Southampton	—	—	—	—
Mayflower Park	Jun 28 36.8	Jun 27, 29 20.0	Jan 31 0.3	Dec 29 -5.2
Weather Centre (X)	Jun 27 35.3	Jun 27, 28 20.8	Jan 31 0.2	Dec 29 -5.4
Southsea	Jun 27 32.6	Jul 3 20.8	Jan 30 0.1	Dec 29 -3.9
Ryde	Jun 26 32.8	Jun 27 19.8	Jan 30, 31 1.0	Dec 29 -3.7
St Catherine's Point	Jun 27, 28 30.0	Jun 27 21.4	Jan 31 0.2	Jan 31 -3.0
Sandown	Jun 27 29.2	Jul 3 20.0	Jan 31 0.5	Dec 29 -4.5
Shanklin	Jun 27 32.7	Jun 27 18.3	Jan 31 0.0	Dec 29 -5.6
Ventnor	Jun 28 32.0	Jun 28 22.7	Jan 31 -0.1	Jan 31 -2.7
Bognor Regis	Jun 27 31.5	Jul 3 20.5	—	—
Gatwick Airport	Jul 3 33.9	Jul 1 17.5	Feb 3 -1.1	Dec 5 -8.1
Littlehampton	Jun 27 32.7	Jun 27, Jul 3 19.0	—	—
North Heath	Jun 26 35.4	—	—	—
Rogate	Jun 27, Jul 2 34.0	Jul 4 16.6	Jan 30, 31 -0.5	—
Rustington	Jun 27 33.4	Jul 4 17.9	Feb 3 0.7	Dec 29 -4.8
Thorney Island	Jun 27 34.1	Jul 3 19.3	—	—
Worthing	Jun 27 33.1	Jul 4 19.7	Jan 30 -0.6	Dec 29 -5.7
Bexhill	Jun 27 31.5	Jul 3 21.0	Jan 30 -1.0	Dec 29 -4.4
Brighton	Jun 27, Jul 1 32.3	Jun 28 20.3	Jan 31 -1.0	Dec 29 -4.5
Eastbourne	Jul 3 31.8	Jul 3		

Table 10 (continued)

District and Place	highest maximum and date	highest minimum and date	lowest maximum and date	lowest minimum and date	District and Place	highest maximum and date	highest minimum and date	lowest maximum and date	lowest minimum and date						
7A ENGLAND NW & IOM															
Carlisle	Jul 3	31.1 Jul 2	15.9 Dec 4	-2.3 Dec 5	-8.9	Swanage	Jun 26	32.4 Jun 27	19.3 Jan 31	0.4 Dec 29	-4.8				
Carmel	Jun 29	30.1 Jul 5	17.8 Dec 4	-1.9 Dec 4	-8.6	Weymouth	Jun 28	32.3 Jun 28	19.0 Feb 1, 2	0.0 Dec 29	-5.9				
Grizedale	Jul 3, 4	30.1 Jul 19	15.3 —	Dec 4	-10.2	Wynfrith	Jun 28	34.0 Jul 1	17.0 Feb 3	-0.1 Dec 30	-7.5				
Heversham	—	—	—	—	—	Chaldon Barton	Jun 28	31.8 Jun 29	16.9 Jan 31, Feb 1	-1.1 Dec 29	-7.2				
Moor House	Jun 29	25.6 Jul 19	12.7 Jan 30	-3.4 Dec 29	-9.7	Exeter Airport	Jun 27	33.5 Jul 19	17.7 Jan 31	-0.4 Dec 29	-6.8				
Newton Rigg	Jul 2	29.8 Jul 5	17.0 Dec 3	-2.5 Dec 4	-12.4	Exmouth	Jun 27, 28	31.2 Jun 29	18.8 Jan 31	-0.8 Dec 29	-5.4				
Sellafield	Jul 3	29.2 Jul 2	19.3 Dec 4	2.8 Dec 5	-7.0	Hartland Point	Jul 1	28.2 Jun 29	19.4 Feb 1	0.3 Feb 1	-2.1				
Bairing	Jul 3	30.0 —	—	—	—	Iffracombe	Jul 1	28.8 —	—	—	—				
Halmsford	Jun 29	29.7 Jul 4	17.1 Jan 30	-0.4 Dec 5	-8.4	Newton Abbot	—	—	—	—	—				
Kirkham	Jul 3	30.8 —	Dec 3, 4	-1.0 Feb 14	-6.9	Plymouth	—	—	—	—	—				
Morecambe	Jul 3	31.5 Jul 4	20.2 Dec 4	0.4 Dec 4	-7.8	Mount Batten	Jun 29	31.6 Jul 2	21.7 Feb 1	0.3 Dec 29	-5.5				
Nelson	—	—	—	—	—	The Hoe	—	Jul 1	21.3 Jan 31	0.0 Dec 29	-5.4				
Preston	Jul 3	31.0 Jul 4	17.9 Dec 4	-0.4 Dec 3	-6.0	Praeger Point	—	—	—	—	—				
Sleighburn	Jun 29	28.4 Jul 4	17.1 Dec 28	-0.1 Dec 29	-6.2	Princetown	Jun 28	30.6 —	—	Feb 1	-3.0 Jan 31	-7.5			
Squires Gate	—	—	—	—	—	Slapton	Jun 28	30.5 Jun 28	21.2 Jan 31	-0.3 Dec 29	-2.4				
Airport	Jul 3	33.7 Jul 4	18.5 Dec 4	-1.1 Dec 3	-6.9	Starcross	Jun 28	31.7 Aug 23	18.0 Jan 31	-0.6 Dec 29	-8.1				
Stonyhurst	Jun 29	31.5 —	Dec 4	-0.8 Dec 4	-7.9	Tavistock	—	—	—	—	—				
Aughton	Jul 3	32.1 Jul 3	18.5 Dec 3	-1.9 Dec 3	-5.3	Taigmoor	—	—	—	—	—				
St Helens	Jul 3	32.5 Jul 4	18.3 Dec 3	-2.4 Dec 3	-6.1	Torbay	—	—	—	—	—				
Southport	Jul 3	32.0 Jul 4	18.0 Dec 3	-1.8 Dec 4	-6.2	(Torquay)	Jun 27	31.0 Jul 2	20.6 Jan 31	0.0 Dec 29	-4.0				
Speke Airport	Jul 3	32.8 Jul 4	18.6 Dec 3	-2.5 Dec 3	-5.7	Beauregard	Jun 26	30.4 Jul 1	18.6 Jan 31	-1.7 Dec 29	-9.0				
West Kirby	—	—	—	—	—	Bude	Jun 28, 29	32.2 Aug 23	17.4 Feb 1	0.3 Mar 9	-4.7				
Park	Jul 3	32.4 Jul 3	19.1 Dec 16	1.9 Dec 4	-5.7	Coldrose	Jun 28	30.8 Jun 29	18.4 Jan 31	-0.3 Dec 29	-3.6				
Bolton	Jun 29	31.0 Jul 4	17.6 Dec 4	-1.0 Dec 3, 4	-7.0	Elbridge	Jun 28	33.9 Jul 1	19.2 Jan 31	0.0 Dec 29, 30	-5.4				
Manchester	—	—	—	—	—	Falmouth	Jun 27	29.0 Jul 1	19.0 Jan 31	1.0 Feb 1, Dec 29, 30	-2.0				
Ringway	—	—	—	—	—	Fowey	Jun 27	30.4 Jun 29, Aug 22	18.2 Jan 31	-0.7 Dec 29	-4.5				
Airport	Jul 3	32.2 Jul 4	18.5 Dec 3	-1.6 Mar 9	-3.5	Gulval	Jun 28	31.0 Jul 2	19.0 Jan 31	0.6 Dec 29, 30	-2.5				
Weather	—	—	—	—	—	Gwennap Head	Jun 28	28.1 Jun 28	19.5 Jan 31	0.2 Feb 1	-2.2				
Centre (X)	Jun 29	32.7 Jul 4	19.7 Dec 4	0.2 Dec 4	-3.2	Lizard	Jun 28	28.8 Jun 28	19.9 Jan 31	1.1 Feb 1	-2.0				
Knutsford	Jul 2	32.0 Jul 4	17.5 Dec 4	1.4 Dec 3, 4	-5.1	Newquay	—	—	—	—	—				
Macclesfield	Jul 2	31.0 Jul 3	18.3 Dec 3	-2.0 Dec 4	-7.0	Penzance	Jun 28	29.9 Jul 2	18.6 Jan 31	0.7 Dec 29	-4.1				
Ness Gardens	Jul 3	32.5 Jul 4	17.6 Dec 3	1.0 Dec 4	-6.5	Roadworthy	Jun 29	29.5 Jun 29	18.2 Jan 31	-0.3 Feb 1	-3.2				
Winnington	—	—	—	—	—	St Austell	—	—	—	—	—				
Douglas	Jul 3	27.0 Jul 3	19.5 Jan 30	2.0 Dec 3	-2.2	St John's	Jun 28	31.5 Jul 2	17.9 Jan 31	-1.5 Mar 9, Dec 29	-6.0				
Point of Ayr	Jul 1, 4	24.5 Jul 2	16.4 Jan 31	3.2 Mar 9	-3.2	St Mawgan	Jun 29	31.3 Jun 29	20.4 Jan 31	-0.7 Feb 1	-5.3				
Ronaldsway	—	—	—	—	—	Scilly	—	—	—	—	—				
Airport	Jul 3	27.2 Jul 3	18.9 Feb 2	2.4 Dec 3	-3.9	(St Marys)	Aug 16	25.2 Jun 29, Aug 22	17.5 Jan 31	2.7 Dec 29	0.3				
7B WALES N										Alderney	Jun 27	27.4 Jun 28	17.6 Jan 30	2.1 Jan 31	-0.9
Aber	Jul 2	32.0 Jul 2, 3	18.0 Jan 30	1.5 Jan 30, Mar 23	-2.5	Guernsey	—	—	—	—	—				
Bala	Jul 3	31.6 Jul 6	18.8 Jan 30	-0.3 Dec 4	-8.0	Airport	Jun 26	30.8 Jun 28	19.0 Feb 3	1.3 Feb 3	-1.6				
Bardsey Island	Jul 2	29.5 Jul 3	16.9 Feb 1	2.5 Jan 31	-1.1	L'Ancresse	Jun 25	26.8 Aug 23	17.8 Jan 30, Feb 1	3.7 Dec 12	-1.9				
Botwinog	—	—	Feb 17	2.3 Mar 2, 8	-3.5	Jersey	—	—	—	—	—				
Cwmystadlyn	Jun 29, Jul 3	29.5 Jun 30	19.0 Feb 2	1.0 Jan 25	-5.0	Airport	Jun 28	31.9 Jun 29	22.7 Feb 16	1.6 Jan 31	-3.3				
Llyn Alaw	Jul 3	30.5 Jul 3	18.5 Jan 30, Feb 2	2.0 Mar 8	-3.6	Gorey Castle	—	—	—	—	—				
Pen-y-Ffdd	Jul 1, 3	30.6 Jul 3	20.5 Jan 30	1.2 Mar 8	-3.7	St Helier	Jul 2	33.3 Jun 29	21.3 Dec 15	2.0 Jan 31	-2.1				
Trawsfynydd	Jul 3	30.8 Jul 7	18.4 Jan 30	-0.5 Dec 4	-5.0	NORTHERN IRELAND									
Valley	Jul 2	30.6 Jul 3	19.4 Jan 30	2.6 Mar 8	-4.3	Aghaloo	Jul 3	28.0 Jul 8	17.0 Dec 3, 4, 20	2.5 Dec 5	-8.0				
Alwen	Jun 29	30.0 Jul 6, 7	15.0 Jan 30, Feb 2	-1.3 Mar 9, Dec 4	-10.8	Banagher	—	—	—	—	—				
Bwlchwyn	Jul 3	29.0 Jul 4	16.5 Feb 2	-2.0 Jan 30	-8.0	(Caugh Hill)	Jul 1	26.8 Jul 8	15.4 Jan 31, Feb 1, Dec 20	1.0 Dec 3	-6.4				
Colewyn Bay	Jul 1, 3	31.0 Jul 2	19.4 Jan 30, Feb 2	1.4 Mar 8	-3.1	Carmoney	Jul 1, 2	27.5 Jul 3	17.0 Dec 3	1.0 Dec 5	-7.0				
Corwen	Jun 29	31.5 Jul 7	16.8 Jan 30	-0.2 Mar 9	-8.4	Coleraine	—	—	—	—	—				
Hawarden Bridge	Jul 3	33.0 Jul 4	18.0 Dec 3	-1.4 Dec 4	-8.2	University	Jul 2	26.9 Jul 8	15.7 Dec 3	-1.3 Dec 4	-7.5				
Loggheheads	Jul 3	30.1 Jul 6, 19	15.5 Jan 30	-0.5 Dec 4	-6.5	Cooleaeragh	Jul 1	28.7 Jul 9	17.0 Dec 4	1.3 Dec 5	-6.3				
Ruthin	Jul 3	31.7 Jul 3	19.3 Jan 30	1.0 Dec 4	-6.5	Derryindry	—	—	—	—	—				
Caerns	—	—	—	—	—	Forest	Jun 29	27.5 Jul 8	15.6 Dec 3	-1.0 Dec 4	-7.8				
Lake Vyrnwy	Jul 3	30.1 Jul 6	15.9 Jan 30	-2.0 Mar 23	-6.8	Garvagh Forest	Aug 25	26.8 Jul 8	15.5 Dec 3	-1.3 Dec 4	-8.0				
Moel Cynedd	Jul 3	29.1 Jul 19	14.4 Jan 30	-2.0 Mar 9	-9.4	Loughmore	—	—	—	—	—				
8A WALES S										Forest	Jun 30	28.0 Jul 8	14.9 Dec 20, 31	1.0 Dec 4	-10.5
Aberporth	Jul 1	31.5 Jul 2	20.0 Jan 31	0.1 Mar 9	-4.1	Moneydy	Aug 25	27.3 Jul 8	15.7 Dec 4	0.0 Dec 4	-7.5				
Aberystwyth	—	—	—	—	—	Somerford	—	—	—	—	—				
Brwydy	Jul 2	30.0 Jul 2	18.1 Feb 1	0.4 Mar 9	-6.3	Forest	Jul 5, Aug 25	27.5 Jun 25	15.6 Dec 3	-1.6 Dec 4	-8.4				
Brynmarfan	Jun 28	31.6 Jun 29, Jul 3	19.2 Jan 30, 31, Feb 1	0.0 Dec 29	-5.5	Tread Point	—	—	—	—	—				
Carmarthen	—	—	—	—	—	Aldergrove	—	—	—	—	—				
Cwmystwyth	Jul 3	30.6 Jul 3	18.4 Jan 31, Feb 1	1.0 Mar 9	-6.8	Airport	Jun 30	27.9 Jul 8	16.3 Dec 3	-1.2 Dec 28	-5.2				
Dale Fort	Jun 29	28.9 —	Jan 31	-1.6 Mar 9	-7.7	Altnahinch	Jul 2	26.2 Jul 3	17.0 Dec 28	0.3 Dec 4	-6.5				
Esgairwen-Uchaf	—	—	—	—	—	Ballylumford	Aug 26	24.7 Jun 25, Aug 24	15.0 Dec 3	1.0 Dec 3	-5.5				
Gogerddan	Jul 2	32.4 Jul 2	19.1 Jan 30	1.1 Dec 5	-6.4	Ballymoney	—	—	—	—	—				
Llŷdian-Evan-Hen	Jun 29	29.1 Jul 3	21.0 Jan 30	-1.4 Jan 31	-6.3	Ballypatrick	—	—	—	—	—				
Millford Haven	—	—	—	—	—	Forest	Jun 29	26.6 Jul 8	15.0 Jan 23, Dec 2	2.0 Dec 3	-7.0				
(Conservancy Board)	Jun 29	31.0 Jul 2	18.5 Jan 31	1.0 Feb 1, Mar 8	-3.0	Carnlough	Jun 29, Jul 2, 3	24.5 Jun 25	15.0 Jan 23	3.1 Dec 3	-5.5				
Orion	Jun 29	30.1 Jul 2	17.0 Jan 31	0.6 —	—	Drum Mountain	Jul 5, Aug 26	24.0 Jun 30	15.4 Dec 9	-1.6 Mar 9	-5.3				
Stokholm Island	Jun 29	25.6 —	—	—	—	Greenmount	Jun 29	28.1 Jul 5, 8	15.7 Dec 3, 4	-0.9 Dec 5	-5.6				
Tenby	—	—	—	—	—	Kilroot Power Station	—	—	—	—	—				
Trawscod	Jun 29	31.7 Jul 2	18.2 Jan 30	0.5 Jan 31	-7.5	Larne	—	—	—	—	Dec 3	-6.0			
Trigaron	Jul 3	31.4 Jul 2	17.5 Jan 30	-0.3 Mar 9	-8.5	Lisnafillan	Jun 29, Aug 25	27.2 Jul 8	15.2 Dec 4	-3.4 Dec 4, 5	-9.5				
Whitechurch	Jul 2	31.0 Jul 3	19.3 Feb 1	0.2 Mar 8	-7.1	Lowdown	Jul 2	26.3 Jul 3	16.5 Dec 10	0.0 Dec 4	-6.9				
Cenarth	—	—	—	—	—	Mallusk	—	—	—	—	—				
Llandrindod	—	—	—	—	—	(Hyde Park)	—	—	—	—	—				
Wells	—	—	—	—	—	Parkmore	—	—	—	—	—				
(High School)	—	—	—	—	—	Forest	Jul 2, 3	24.4 Jul 3	15.2 Dec 1	0.7 Dec 3	-8.0				
Llangenny	—	—	—	—	—	Woodburn North	Aug 26	26.0 Jul 7	14.7 Dec 4	-1.0 Dec 3, 4	-5.2				
Mumbles Head	Jun 29	29.8 Jul 2	19.4 Jan 31	1.0 Jan 31	-3.1	Malone	Jun 29	26.4 —	—	-0.5 Dec 4, 5, 6	-4.0				
Neath	Jul 2	31.8 Jul 2	21.0 Jan 31	1.0 Dec 29	-6.0	Milltown	Aug 26	27.2 Jun 24, Jul 7	15.8 Dec 3	-1.6 Mar 9, Dec 4	-4.0				
Penmaen	Jul 2	29.2 Jul 3	19.8 Jan 31	0.0 Dec 29	-3.8	Newtownabbey	Jul 1, Aug 26	25.3 Jul 7	16.7 Dec 3	1.1 Dec 4	-4.8				
Port Talbot	Jul 2	33.2 Jul 2	21.0 Jan 31	1.0 Dec 29	-5.9	Rosebank	—	—	—	—	—				
Swansea	Jul 2	31.0 —	Jan 31	1.5 Dec 29	-4.0	Rosetta	Aug 26	26.5 Jul 2, 7	16.5 Dec 3	-1.6 Dec 4					

Table 11 Number of days on which the duration of sunshine was between given limits in each month of 1976

Station	January					February					March					April					May					June				
	sunless	0.1-3.0hr	3.1-6.0hr	6.1-9.0hr	> 9.0hr	sunless	0.1-3.0hr	3.1-6.0hr	6.1-9.0hr	> 9.0hr	sunless	0.1-3.0hr	3.1-6.0hr	6.1-9.0hr	> 9.0hr	sunless	0.1-3.0hr	3.1-6.0hr	6.1-9.0hr	> 9.0hr	sunless	0.1-3.0hr	3.1-6.0hr	6.1-9.0hr	> 9.0hr	sunless	0.1-3.0hr	3.1-6.0hr	6.1-9.0hr	> 9.0hr
Lerwick	19	10	2	0	0	14	10	5	0	0	9	9	8	5	0	8	7	6	6	3	6	7	5	8	5	1	10	10	7	2
Stornoway	16	12	2	1	0	8	11	5	5	0	6	10	6	7	2	6	7	5	4	8	1	9	12	4	5	3	14	5	3	5
Craibstone	13	12	6	0	0	11	11	5	2	0	10	6	8	3	4	7	5	10	5	3	3	9	7	7	5	3	5	9	9	4
Leuchars	9	13	7	2	0	10	10	6	3	0	8	6	7	9	1	5	7	7	6	5	4	12	5	5	5	1	6	7	6	10
Abbotsinch	16	8	5	2	0	12	13	3	1	0	8	12	6	5	0	7	6	8	3	6	3	10	7	7	4	3	7	7	6	7
Eskdalemuir	18	8	2	3	0	19	6	4	0	0	10	12	6	3	0	7	8	7	4	4	7	12	5	4	3	10	8	5	1	6
Boulmer	9	14	7	1	0	12	8	7	2	0	9	6	10	4	2	5	11	3	9	2	3	12	6	6	4	1	6	2	10	11
Gorleston	10	13	7	1	0	17	2	6	4	0	8	6	8	7	2	3	9	4	7	7	0	8	8	4	11	0	4	1	6	19
Cambridge (N.I.A.B.)	10	13	7	1	0	15	6	5	3	0	6	10	5	7	3	1	8	7	7	7	0	8	9	4	10	1	2	5	5	17
Finningley	7	16	7	1	0	13	9	4	3	0	7	9	7	6	2	3	11	6	6	4	1	12	7	7	4	1	8	4	2	15
Edgbaston	7	15	8	1	0	16	4	6	3	0	9	9	4	7	2	6	9	7	4	4	0	12	10	7	2	2	5	4	4	15
Kew	9	10	10	2	0	15	8	3	3	0	4	11	5	7	4	0	8	7	5	10	0	5	6	8	12	3	2	3	6	16
Southampton	9	13	8	1	0	13	11	3	2	0	2	11	7	8	3	1	8	6	5	10	1	3	5	10	12	2	2	5	5	16
Hastings	8	12	9	2	0	12	11	4	2	0	3	13	3	9	3	0	7	4	3	16	0	2	6	9	14	1	2	2	3	22
Squires Gate	13	13	3	2	0	12	5	7	5	0	10	8	4	7	2	5	7	6	5	7	1	11	9	6	4	2	6	1	7	14
Douglas	11	14	3	3	0	13	10	5	1	0	13	7	3	5	3	5	5	6	6	8	4	8	5	6	8	6	5	3	5	11
Valley	14	13	4	0	0	10	10	7	2	0	9	6	6	7	3	2	8	5	3	12	1	7	5	12	6	3	6	4	5	12
Falmouth	11	13	4	3	0	15	2	7	5	0	5	12	9	4	1	2	2	8	7	11	3	5	6	5	12	3	5	3	6	13
Aldergrove	17	8	4	2	0	10	12	5	2	0	9	13	3	4	2	2	7	7	5	9	0	14	9	6	2	0	11	5	7	7
Armagh	17	10	4	0	0	11	12	4	2	0	8	14	4	5	0	4	11	2	5	8	3	10	13	3	2	2	10	4	7	7

Station	July					August					September					October					November					December				
	sunless	0.1-3.0hr	3.1-6.0hr	6.1-9.0hr	> 9.0hr	sunless	0.1-3.0hr	3.1-6.0hr	6.1-9.0hr	> 9.0hr	sunless	0.1-3.0hr	3.1-6.0hr	6.1-9.0hr	> 9.0hr	sunless	0.1-3.0hr	3.1-6.0hr	6.1-9.0hr	> 9.0hr	sunless	0.1-3.0hr	3.1-6.0hr	6.1-9.0hr	> 9.0hr	sunless	0.1-3.0hr	3.1-6.0hr	6.1-9.0hr	> 9.0hr
Lerwick	2	13	5	2	9	4	9	3	8	7	3	13	7	7	0	18	5	4	4	0	6	16	8	0	0	16	14	1	0	0
Stornoway	2	11	8	5	5	2	6	2	2	19	3	10	8	6	3	6	12	11	2	0	9	12	8	1	0	14	12	5	0	0
Craibstone	0	5	3	9	14	2	6	5	3	15	13	7	3	6	1	13	8	4	6	0	3	14	8	5	0	12	11	7	1	0
Leuchars	1	6	2	12	10	0	7	7	4	13	13	6	3	6	2	10	10	6	5	0	3	14	11	2	0	13	8	7	3	0
Abbotsinch	0	8	5	7	11	1	7	5	5	13	7	7	8	7	1	7	12	10	2	0	8	13	7	2	0	15	7	9	0	0
Eskdalemuir	1	6	10	5	9	1	10	4	3	13	10	11	5	3	1	15	11	3	2	0	12	11	5	2	0	14	6	10	1	0
Boulmer	1	4	6	4	16	1	3	5	6	16	8	11	4	5	2	8	10	8	5	0	4	12	10	4	0	11	11	7	2	0
Gorleston	0	1	7	6	17	1	4	4	5	17	4	5	10	10	1	9	12	5	5	0	13	7	7	3	0	10	12	5	4	0
Cambridge (N.I.A.B.)	0	2	6	7	16	1	2	5	12	11	3	11	9	4	3	8	14	7	2	0	12	7	6	5	0	12	9	9	1	0
Finningley	0	8	2	4	17	1	9	2	5	14	3	15	8	3	1	8	14	7	1	1	10	9	6	5	0	14	7	6	4	0
Edgbaston	0	7	4	5	15	1	9	3	4	14	9	9	5	4	3	8	15	7	0	1	9	11	7	3	0	13	7	5	6	0
Kew	0	3	3	10	15	0	4	2	6	19	3	8	11	4	4	5	17	6	3	0	10	11	5	4	0	9	13	4	5	0
Southampton	0	1	4	9	17	0	2	2	3	24	3	8	8	7	4	8	16	5	2	0	9	11	5	5	0	10	12	5	4	0
Hastings	1	0	2	11	17	0	2	1	3	25	2	8	4	8	8	6	12	10	2	1	14	9	3	4	0	10	9	6	6	0
Squires Gate	0	7	6	5	13	0	3	2	8	18	4	12	9	4	1	8	12	9	2	0	7	15	6	2	0	13	11	6	1	0
Douglas	0	9	3	8	11	0	6	3	1	21	11	8	3	7	1	13	7	4	7	0	8	8	12	2	0	12	9	10	0	0
Valley	0	6	6	8	11	0	4	4	4	19	4	14	5	6	1	8	11	6	6	0	6	16	6	2	0	9	14	8	0	0
Falmouth	1	7	5	6	12	1	1	3	8	18	6	8	9	1	6	10	7	5	8	1	6	12	11	1	0	10	12	8	1	0
Aldergrove	1	13	8	4	5	0	6	2	5	18	3	16	6	3	2	8	12	8	3	0	11	7	11	1	0	17	8	5	1	0
Armagh	2	13	9	3	4	0	5	7	3	16	3	17	6	2	2	8	10	10	3	0	10	9	10	1	0	18	9	4	0	0

Table 12 Number of days with rainfall between given limits during 1976

Station	0 - 0.1 mm	0.2 - 1.0 mm	1.1 - 5.0 mm	5.1 - 10.0 mm	10.1 - 15.0 mm	15.1 - 20.0 mm	20.1 - 25.1 mm	over 25.1 mm	Station	0 - 0.1 mm	0.2 - 1.0 mm	1.1 - 5.0 mm	5.1 - 10.0 mm	10.1 - 15.0 mm	15.1 - 20.0 mm	20.1 - 25.1 mm	over 25.1 mm
Lerwick	142	51	97	49	20	4	2	1	Edgbaston	210	49	68	21	11	3	1	3
Stornoway	126	65	112	34	14	8	3	4	Preston Wynne	209	49	67	24	12	2	0	3
Nairn	193	79	66	23	2	1	1	1	Kew	245	45	43	21	7	4	0	1
Craibstone	194	54	65	30	8	8	1	6	Southampton	240	38	40	26	14	2	3	3
Leuchars	202	50	67	30	10	4	3	0	Hastings	239	37	50	19	7	7	4	3
Abbotsinch	163	62	81	32	21	3	3	1	Moor House	136	50	68	48	27	13	11	13
Rothsay	142	45	83	59	18	10	4	5	Squires Gate	190	43	72	40	11	5	3	2
Eskdalemuir	154	53	65	47	30	8	6	3	Aigburth	184	54	78	27	15	4	1	3
Boulmer	207	53	69	23	8	1	2	3	Douglas	194	32	61	38	21	9	2	9
Scarborough	205	57	64	22	13	0	1	4	Valley	194	50	74	34	8	5	0	1
Bridlington	222	43	60	28	6	4	0	3	Aberporth	197	53	69	24	17	2	0	4
Cranwell	207	67	65	18	6	1	1	1	Long Ashton	234	25	58	28	12	4	2	3
Gorleston	252	26	55	19	8	4	2	0	Falmouth	197	45	70	27	10	8	5	4
Cambridge (B.G.)	222	52	63	18	8	1	1	1	Aldergrove	179	60	73	36	12	2	1	3
Shoeburyness	246	39	57	12	10	0	1	1	Armagh	165	79	76	30	7	6	1	2

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

Corrections to text (front page) 1976

- May — In Wind section (lines 8-10) delete sentence "The Royal Observatory on the 16", and replace by sentence "The high-level station at Lowther Hill (Strathclyde) recorded a gust of 73 kt on the 17th.
- October — In Wind section (lines 7-9) delete "the Royal Observatory at Blackford Hill, Edinburgh and also at".

Table 2 Additions and Corrections

Year, Month and Station		total radiation on a horizontal surface (milliwatt-hours per square centimetre)					diffuse radiation on a horizontal surface (milliwatt-hours per square centimetre)					total illumination on a horizontal surface (kilolux-hours)							
		max	date	min	date	daily mean	no. of days	max	date	min	date	daily mean	no. of days	max	date	min	date	daily mean	no. of days
1976 January																			
	Eskdalemuir		25								28.2			-	-	-	-	-	-
	Cardington			21		76.8	28				54.4	28		-	-	-	-	-	-
	Aberporth			18	9	61.4				18	9	48.7		-	-	-	-	-	-
	London Weather Centre					69.8	31				47.2	31	166				87.0	31	
	Kew	155	29	21	31	72.7	31	86	29	20	31	50.2	31	170	29	26	31	86.9	31
	Aldergrove													149					
February																			
	Lerwick										40.5							69.5	
	Eskdalemuir					63.2	29	130	25	8	9	53.3	29					75.1	29
	Cardington	260	25			104.0	29	142	24			75.3	29	-	-	-	-	-	-
	Aberporth	297			4	134.5						79.8		-	-	-	-	-	-
	London Weather Centre											65.9							
	Kew			6		91.5	29	130		6		68.3				8			
	Bracknell					99.8						72.4						120.4	
	Aldergrove	245								22				285				117.8	
March																			
	Lerwick					157.2						102.9						191.5	
	Eskdalemuir					171.3						118.8		466				198.9	
	Cardington	458				235.1						150.0		-	-	-	-	-	-
	Aberporth					263.0	31	230		58		154.6	31	-	-	-	-	-	-
	London Weather Centre	503				235.5						138.3						283.0	
	Kew					238.7						145.2		600		80		289.1	
	Aldergrove			81	20	201.6	29	200		77	20	130.8	29			104	20	234.6	29
April																			
	Lerwick											200.1				108			
	Eskdalemuir	630		82				286				187.5		-	-	-	-	-	-
	Cardington			124		371.5					14	229.6		-	-	-	-	-	-
	Aberporth					420.6	30	316				206.6	30	-	-	-	-	-	-
	London Weather Centre					396.1				122		207.5						487.9	
	Kew	643	29	178	2	395.9	30	308	18	136	29	219.9	30	788	20	232	2	488.4	30
	Bracknell					414.6				134		221.3						488.7	
	Aldergrove											207.6		785	25	142	5	468.2	30
May																			
	Lerwick											231.4						509.6	
	Eskdalemuir					312.2	31	364				212.6	31			78		373.4	31
	Cardington							398				307.6	31	-	-	-	-	-	-
	Aberporth					469.6	31					278.1	31	-	-	-	-	-	-
	London Weather Centre	702																	
	Kew	669	14	277	5	469.4	31	385	28	212	3	289.8	31	851	14	376	5	591.3	31
	Aldergrove					394.3						267.7		843	6	185	1	477.3	31
June																			
	Lerwick					431.0				162		289.2							
	Eskdalemuir					391.7	30					240.2	30			134		460.3	30
	Cardington											299.9		-	-	-	-	-	-
	Aberporth					578.0	30					277.9	30	-	-	-	-	-	-
	London Weather Centre					591.3						261.5						756.3	
	Kew	808	30	123	16	567.7	30	471	6	100	30	271.3	30	1038	30	184	16	731.9	30
	Bracknell	837	30	114	16	599.7	30	376	5.6	107	30	270.1	30	1064	24	162	16	762.5	30
	Aldergrove	833	28	211	15	513.4	30	385	19	128	28	295.8	30	1053	28	283	15	646.7	30
July																			
	Lerwick			143		454.0						268.0						536.3	31
	Eskdalemuir			139	15	487.8	31			112		254.5	31			180	15	588.4	31
	Aberporth					514.6						285.9		-	-	-	-	-	-
	London Weather Centre			258		535.8	31			157	7	262.0	31			338		682.3	31
	Kew	752	1	257	31	534.4	31	376	12	177	1	279.1	31	1004	1	339	31	895.3	31
	Aldergrove			161	26	432.1	30			153	26	289.8	30	959		216	26	543.5	30
August																			
	Lerwick											225.4							
	Eskdalemuir							377	10	87		208.8				192		539.3	
	Cardington					476.4								-	-	-	-	-	-
	Aberporth	730	4	254	30	543.1	31	418	5	148	27	232.0	31	-	-	-	-	-	-
	London Weather Centre					460.7						214.4						580.0	
	Kew					465.9	31		7.9			225.4	31	808		246		588.2	31
	Aldergrove					482.3	28					217.5	28						28
September																			
	Lerwick			54		225.1	30	224		54		149.2	30					280.4	30
	Eskdalemuir					206.4						143.6						252.3	
	Cardington					261.9						165.5		-	-	-	-	-	-
	Aberporth									58		155.4		-	-	-	-	-	-
	London Weather Centre	461	3	53	13	267.8	27	227	2	50	13	157.8	27	567	7	81	13	345.5	27
	Kew					271.1	30	217	10,12			165.2	30	659		96		352.7	30
	Aldergrove					241.2						160.0						275.9	
October																			
	Lerwick			3	27	84.1	31	110		3	27	51.1	31			4	27	101.9	31
	Eskdalemuir			14								80.7							
	Cardington					144.9	31					105.7	31	-	-	-	-	-	-
	Aberporth				24	152.3		209	16			102.7	31	-	-	-	-	-	-
	London Weather Centre	314	7	20	29	130.8	27	176	9	20	29	93.8	27	406	7	32	29	171.6	27
	Kew			24		140.2		167		23		101.4				33		177.9	
	Bracknell	302	7	24	28	135.4	31	174	1	24	28	101.7	31	377	7	33	28	172.8	31
	Aldergrove	264				141.3						90.1		301				157.8	
November																			
	Lerwick	103	2	7	1	48.7	30	54	2	6	1	32.3	30	112	2	10	1	53.8	30
	Eskdalemuir	139	13	9	26	68.7	30	88	1.3	8	26	43.6	30	151	13	12	26	77.2	30
	Cardington	191	2	14	30	88.0	28	89	4	13	30	51.9	28	-	-	-	-	-	-
	Aberporth	209	3	21	21,30	97.2	30	103	1	20	30	57.1	30	-	-	-	-	-	-
	London Weather Centre	183	3	8	30	78.3	30	98	15	6	30	53.0							

Year	Station	number of hours with gusts exceeding 33 knots														number of hours with gust 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		
1971	page 265: in table 7 heading replace 1972 by 1971																												
	Stornoway Coastguard	—	263	192	104	—	—	—	—	—	—	—	—	—	—	59	14	20	—	—	—	—	—	—	—	—	—	—	
	Cumbrnauld					—			—																				
	Point of Ayre														6													11	
	Bidston																0												
	Trawsfynydd										43														1				
1972	Orlock Head										85	—	174	—									4	—	19	—			
1975	East Kilbride											10	20											0		1	5		

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