

METEOROLOGICAL OFFICE

DUPLICATE ALSO

THE
MONTHLY
WEATHER REPORT
1970

VOLUME 87

LONDON: HER MAJESTY'S STATIONERY OFFICE

1971

FH3A

Climatological District Map

showing :-

A DISTRICTS (LARGE FIGURES)

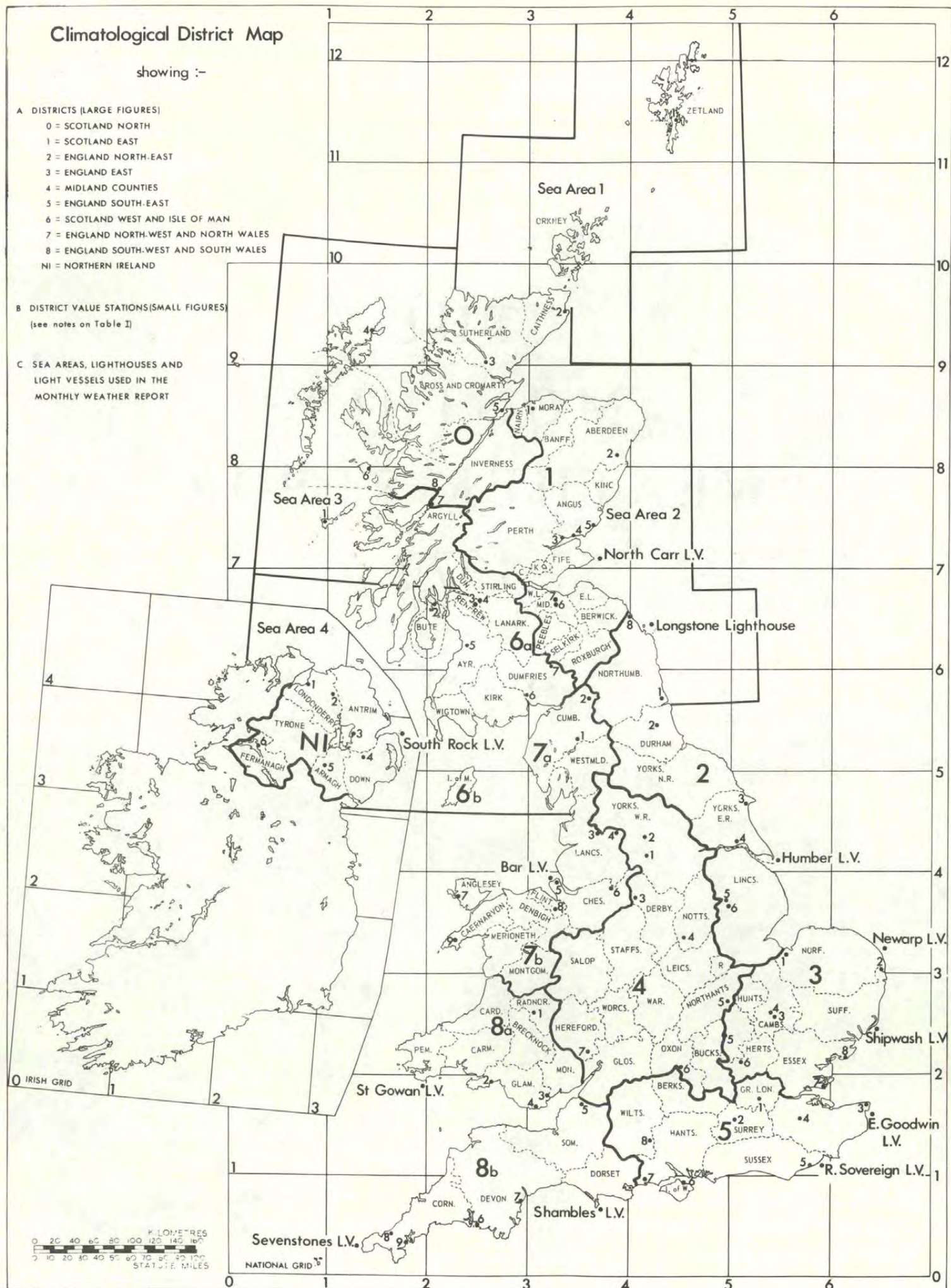
- 0 = SCOTLAND NORTH
1 = SCOTLAND EAST
2 = ENGLAND NORTH-EAST
3 = ENGLAND EAST
4 = MIDLAND COUNTIES
5 = ENGLAND SOUTH-EAST
6 = SCOTLAND WEST AND ISLE OF MAN
7 = ENGLAND NORTH-WEST AND NORTH WALES
8 = ENGLAND SOUTH-WEST AND SOUTH WALES
NI = NORTHERN IRELAND

B DISTRICT VALUE STATIONS(SMALL FIGURES)

(see notes on Table I)

C SEA AREAS, LIGHTHOUSES AND

LIGHT VESSELS USED IN THE
MONTHLY WEATHER REPORT



THE MONTHLY WEATHER REPORT, 1970

Volume 87

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London Road, Bracknell, Berkshire RG12 2SZ*

INTRODUCTION

The *Monthly Weather Report* summarizes weather observations taken at about 620 stations in the United Kingdom. Particulars of the standards required and the methods adopted in taking the observations are given in the *Observer's Handbook*. *

The Introduction to the Report, which is published separately towards the end of the year and forms part of the volume, gives particulars of any changes made since the previous year both in the observations and in the stations completing returns. It also gives particulars of the various items tabulated. Every three years or so a complete list of observing stations is published in the Introduction, together with the names of the Authorities responsible for them.

The Annual Summary is similar in form to the monthly parts and concludes the Report for a particular year, but contains additional tables.

TIME STANDARD

All time entries in the *Monthly Weather Report* are in Greenwich Mean Time. Observations were made at the same hours Greenwich Mean Time throughout the year.

A BRIEF HISTORY OF THE MONTHLY WEATHER REPORT

Monthly summaries of observations made at stations in connexion with the Meteorological Office were first published in 1869 in the *Quarterly Weather Report*, a publication issued for each of the years 1869 to 1880. The *Monthly Weather Report* commenced in 1884. The gap is bridged for synoptic stations by a supplement to the *Daily Weather Report* and for other stations by tables in *Observations at Stations of the Second Order*. Data on radiation relating to the period 1911–21 were published in the *British Meteorological and Magnetic Year Book*, Part III, Section 2, and for the period 1922–56 in the *Observatories Year Book*; they first appeared in the *Monthly Weather Report* in 1935. The various changes in the *Monthly Weather Report* are set out and explained in the relevant Introductions, notably in those for 1915, 1921, 1923 and 1955; mention is made at the end of this Introduction of the planned changes for 1971.

GENERAL ARRANGEMENT OF THE MONTHLY PARTS

The arrangement of each issue of the *Monthly Weather Report* is as follows:

1. Remarks on the prominent features of the weather over the British Isles under a brief heading descriptive of the special characteristics of the month.
2. Table I. Summaries, by districts, of air temperature, earth temperature, rainfall and duration of bright sunshine based on observations at 'district value' stations. Five such stations are selected for each element as representative of each district except for earth temperatures where the scarcity of long period stations in some districts has restricted the choice. There are ten districts. Northern Ireland is one, each of the other nine being made up of a number of adjacent counties in Great Britain broadly grouped according to their general climatic features. The districts and the positions of the stations used in each district are shown on the map on page (ii).
3. A full page map showing by isohyetal lines the distribution of the month's precipitation. This map is based on data from about 6000 stations. In order to improve legibility, the analysis on this map now provides for certain (optional) isohyets to be omitted in areas of heavy rainfall.
4. A plate of four maps showing:
 - (a) The distribution of mean pressure at mean sea level (MSL) at 9h. based on observations at selected stations. The isobars are extended over the Republic of Ireland from data kindly supplied by the Director of the Meteorological Service, Dublin. Dashed lines show the 1931–60 average distribution of pressure at 9h.
 - (b) The distribution of mean air temperature at sea level over the land. Mean sea temperatures in coastal waters are shown in circles round the coast. The names of lighthouses and light-vessels making these observations are given in the frontispiece of this Introduction.
 - (c) The distribution of mean bright sunshine in hours per day.
 - (d) Difference of mean 30 cm earth temperature from 1931–60 average.
5. Table II. Summary of autographic records of surface wind.
6. Table III. Summaries for individual stations, of mean and extreme air temperatures, mean earth temperatures at 30 cm and 122 cm, rainfall, weather and sunshine observations. Differences from average or percentages of average are given when available for air temperature, rainfall and sunshine.
7. Table IV. Summaries of the observations of pressure, temperature, humidity, cloud, visibility and surface wind, made at fixed hours 3, 9, 15 and 21 h.
8. Table VIII. Monthly frequencies of maximum and minimum temperatures at 20 selected stations.
9. Table XIII. Solar radiation and illumination at certain stations.
10. Additions and corrections to tables published in previous months.

*London, Meteorological Office. *Observer's Handbook*, 3rd Edn. London, HMSO 1969.

GENERAL ARRANGEMENT OF THE ANNUAL SUMMARY

The Annual Summary of each volume of the *Monthly Weather Report* includes general remarks, maps and tables for the year as a whole and was first published in 1903. The general arrangement is as follows:

1. General remarks on the weather of the year consisting of a brief review of some of the most noteworthy events.
2. Maps and Tables I, III, IV, VIII and XIII corresponding to those in the monthly issue but based on data for the year as a whole.
3. Table V. Highest and lowest maximum and minimum temperatures during the year at each station.
4. Table VI. Monthly frequencies of duration of bright sunshine at 20 selected stations.
5. Table VII. Frequency of specified daily rainfall totals for 30 selected stations.
6. Table IX. A summary of autographic records of surface wind, corresponding to Table II in the monthly parts of the report.
7. Table X. The number of hours during the year with gusts exceeding (a) 33 kt and (b) 47 kt at each anemograph station.
8. Table XI. Occasions of 'strong gales' during the year.
9. Table XII. Dates on which gusts exceeded 47 kt during the year.
10. Additions and corrections to tables previously published.

NOTES ON THE MAIN TABLES

TABLE I. DISTRICT VALUES

A Table of weekly District Values appeared in the *Weekly Weather Report* from 1881. In 1908 monthly District Values were added to the Table of station summaries. From 1912 there was a Table in the present form; it became Table I in 1914 and was revised in 1928, 1941, 1956, 1964 and 1966.

The District Values are computed from the statistics for the individual stations (known as District Value Stations) listed below, the differences from and percentages of average for air temperature, earth temperature and sunshine being the means of the corresponding values for these stations. The percentages of average rainfall are similarly derived except that the value for Northern Ireland is based on the much larger number of stations used in the 'General Values' published in *British Rainfall*. * The values given in Table I for Scotland and for England and Wales are the means for these countries, again except for rainfall values which are based on a much larger number of stations. The averages, 'weighted' where the records are incomplete, refer to the period 1931–60 for temperature, earth temperature and sunshine, and to the period 1916–50 for rainfall. The highest and lowest temperatures refer only to District Value Stations.

Dist.	No.	Station	Element	Dist.	No.	Station	Element	Dist.	No.	Station	Element
0	1	Lerwick	TR – – S	3	1	Terrington	TR – – S	7	1	Newton Rigg	TR – – S
	2	Wick	TR – – S		2	St. Clement	TR E1 E2 S		2	Spadeadam	– E1 E2 –
	3	Achany	– E1 E2 –		3	Gorleston	TR E1 E2 S		3	Stonyhurst	TR – – S
	4	Stornoway	TR – – S		3	Cambridge	TR E1 E2 –		4	Nelson	– E1 E2 –
	5	Fortrose	TR – – S		4	B.G.	– – – S		5	Bidston	TR – – S
	6	Isle of Rhum	– E1 E2 –		4	Cambridge	– – – S		6	Ringway	TR – – S
	7	Onich	TR – – S		5	N.I.A.B.	– E1 E2 –		7	Valley	TR – – S
	8	Fort William	– E1 E2 –		6	Woburn	TR E1 E2 S		8	Loggerheads	– E1 E2 –
1	1	Forres	TR E1 E2 S	8	6	Rothamsted	TR – – S	8	9	Botwnnog	– E1 E2 –
	2	Craibstone	TR E1 E2 S		7	Shoeburyness	TR – – S		1	Llandrindod	TR – – S
	3	Mylnefield	– E1 E2 –		8	Clacton-on-Sea	– E1 E2 –		2	Wells	– E1 E2 –
	4	Dundee	TR – – S	4	1	Huddersfield	– – – S		3	Swansea	TR E1 E2 –
	5	Arbroath	– – – S		2	Bradford	TR E1 E2 –		4	Cardiff	TR E1 E2 –
	6	Bush House*	– E1 E2 –		3	Buxton	– E1 E2 –		5	Rhoose	– – – S
	7	Edinburgh	TR – – S		4	Nottingham	TR – – S		6	Long Ashton	TR – – S
	8	Berwick	TR – – S		5	Raunds	TR E1 E2 S		7	Plymouth, The Hoe	– E1 E2 –
6	1	Tiree	TR – – S		6	Oxford	TR E1 E2 S		8	Teignmouth	TR – – S
	2	Rothsay	TR – – S		7	Ross-on-Wye	TR E1 E2 S		9	Rosewarne	– E1 E2 –
	3	Paisley	– E1 E2 –	5	1	Kew	TR E1 E2 S	NORTHERN IRELAND			
	4	Abbotsinch	TR – – S		2	Wisley	– E1 E2 –		1	Ballykelly	T – – S
	5	Auchincruive	– E1 E2 –		3	Margate	– E1 E2 –		2	Moneydig	T – – S
	6	Dumfries	TR E1 E2 S		4	East Malling	TR – – S		3	Aldergrove	T – – S
	7	Eskdalemuir	TR E1 E2 S		5	Hastings	TR E1 E2 S		4	Hillsborough	– – – S
2	1	Tynemouth	TR – – S		6	Ryde	TR – – S		5	Armagh	T – – S
	2	Durham	TR E1 E2 S		7	Bournemouth	– E1 E2 –		6	Castle Archdale Forest	T – – S
	3	Bridlington	TR – – S		8	Porton	TR – – S				
	4	Hull	TR E1 E2 S								
	5	Lincoln	TR E1 E2 –								
	6	Waddington	– – – S								

*Bush House replaced St Andrews with effect from May.

In the above table TR stands for temperature and rainfall, E1 and E2 for earth temperature at 30 cm and 122 cm respectively and S for sunshine. The stations are numbered in each district in order to show their positions on the map on page (ii).

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

Stations used for computing District Values of temperature and rainfall are marked in Table III by the sign ☼, those for sunshine by the sign ☀, and those for earth temperatures by the sign ⊕.

TABLE II. SUMMARY OF AUTOGRAPHIC RECORDS OF SURFACE WIND

This Table was started in 1914 (Table V), became Table II in 1915 and minor revisions were made in 1932 and 1956.

The majority of the records used in the preparation of this table are obtained from electrical recorders, the remainder being obtained from pressure-tube anemographs.

DISTRIBUTION OF HOURLY MEAN VALUES OF SURFACE WIND SPEED

The classification of surface wind speed is based on the Beaufort scale of wind force (see *Observer's Handbook*, 1969 ed., page 82). For an anemograph complying with the specification 'head 10 m (33 ft.) above ground in the open' the several columns for hourly mean distribution correspond to wind speeds (measured over an hour) equivalent to Force 8 and above (gales), Forces 7 and 6 (strong winds), Forces 5 and 4 (moderate breezes), Forces 3 and 2 (light breezes), Forces 1 and 0 (nearly calm). Some information as to the actual exposures is given in the 'height' column. The 'Effective Height' is defined as the height, over open level terrain in the vicinity, which it is estimated would have the same mean wind speeds as those actually recorded by the anemometer.

The duration in each category is the number of 60-minute periods ended at exact hours in each of which the mean wind velocity was between the stated limits.

HIGHEST VELOCITIES

The 'Highest Hourly Wind' refers to the mean for a period of 60 minutes ended at an exact hour. Under the heading 'Veer from N', the direction from which the wind was blowing is stated, e.g. the entry for an east wind being 090° that for a south wind 180° and so on.

Values in square brackets [] are the highest values recorded, but, owing to defective records, may not be the extreme values for the month or year Table IX.

TABLE III. SUMMARY OF DAILY OBSERVATIONS

Summaries of daily observations appeared in the *Monthly Weather Report* from 1884 and Table III assumed its present form in 1914. Table III and Table IV (see below) include practically all the items specified in the international forms of monthly climatological summaries (Formats I to IV of Annexe 12A of the *Guide to Climatological Practices*. World Meteorological Organization, Geneva) and give, in addition, information regarding the duration of bright sunshine, mean earth temperatures at 30 and 122 cm, the number of observations of different ranges of visibility and the number of observations of the different total amounts of cloud.

AIR TEMPERATURE

The terminal hours for reading maximum and minimum temperatures are given for each station in column 2 of the table. When the hours are stated independently the temperatures refer to the intervals of 24 hours ending at that time. When the maximum thermometer is read at 9 h. the reading is credited to the previous day. When the terminal hours as shown in column 2 are separated by a dash thus, 21-9, the day maximum for the period 9 h. to 21 h. and the night minimum for the period 21 h. to 9 h. are utilized in determining the means for the month. In such cases the day minimum and night maximum temperatures are also read by the observers.

The highest and lowest temperatures recorded in each district of the table are underlined.

Mean monthly maximum and minimum temperatures for stations with differing terminal hours, as indicated in col. 2, 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 approximately 1.2 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 Kew: one is obtained from an electrical resistance aspirated psychrometer at 1.25 m above the main lawn and the other from thermometers in a louvered screen on the north wall of the Observatory. This screen is about 3 m above the ground in the vicinity, this being a mound on which the Observatory is built, and about 5 m above the level of the general lawns.

EARTH TEMPERATURE

Measurements of earth temperature are taken at 9 h. from thermometers suspended in steel tubes sunk vertically in the ground, the bulbs of the thermometers being at depths of 30 and 122 cm. The tubes are fitted with small metal covers so that water will not collect in the tubes.

RAINFALL

Rainfall includes all forms of precipitation. The daily amounts refer to the total accumulated during the 24 hour period 9 h. to 9 h., and as the greater part of this period occurs on the day previous to that of reading, the amount is credited to the previous day. That is, the amount read at 9 h. on the first day of a month is credited to the last day of the previous month and is used in computing the monthly total for that month.

WEATHER

Number of days of precipitation. Every day when rainfall (over the 24 hour period 9h. to 9h.) exceeds the limits 0.2 mm (0.01 inch) and 1 mm (0.04 inch) is counted. The lower limit excludes 'traces' of precipitation; very occasionally the lower limit is passed when the precipitation is only in the form of dew.

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

Snow lying at 9 h. Every day when snow is lying at 9 h. is counted, provided the snow covers half or more of the flat ground easily visible from the station and that this ground does not differ by more than 30 m from the altitude of the station. In judging if half the ground is covered no account is taken of bare patches under trees or of areas occupied by water.

Hail. For the purpose of this summary 'Hail', which includes soft hail, is defined as small pieces of ice with diameter of 5 mm upwards, falling either separately or agglomerated into irregular lumps.

Ice or snow pellets, etc. Every day when ice pellets or snow pellets up to 5 mm in diameter, or ice grains or ice needles occur, is counted.

Thunder heard. Every day when thunder is heard, at any time from midnight to midnight, is counted as a day of thunder.

Fog at 9 h. Days of fog are those on which the range of vision is less than 1000 metres (1,100 yards) at 9 h. Any variability of the hour of observation may make a great difference to the statistics of fog frequency. When the visibility is different in different directions the observation taken in the direction of worst visibility is used in determining a day of fog.

Air frost. An air frost is counted when the screen minimum temperature, read either at the terminal hour of 9 h. or 21 h., was below 0°C.

Grass minimum below 0°C. A day of grass minimum temperature below 0°C is entered when the reading of the grass minimum thermometer at 9 h. was 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 9 h. the previous day. The time of setting the thermometer should not vary from day to day and the entry is credited to the day of reading. The grass minimum temperature refers either to the 24-hour period 9 h. to 9 h. or to the shorter period covering the whole night (e.g. sunset to 9 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 touching the centre of the smooth surface of a slab of concrete of specified standard size and composition. A day of concrete minimum temperature below 0°C is entered if the concrete minimum temperature, read at 9 h., is below 0°C.

Gale. A gale is a wind of Force 8 or upwards on the Beaufort scale. Days of gale are those days when a mean wind speed of 34 kt or more is experienced at any time during the 24 hours from midnight to midnight.

SUNSHINE

The sunshine recorder is generally insensitive to sunshine when the sun is at an altitude of less than 3°. Where the symbol 'S' occurs it indicates that obstacles obstruct the sun's rays during more than 5 per cent of the period when the sun is over 3° above the horizon. Details of percentage obstruction at sites annotated 'S' are available on request.

TABLE IV. SUMMARY OF OBSERVATIONS AT FIXED HOURS

Fixed hour observations of various elements appeared in the *Monthly Weather Report* from 1906 when the hours were 9, 21 h. for voluntary climatological stations and 8, 18 h. for official (then known as telegraphic reporting) stations. In 1909 the hours became 9, 15, 21 h. and 7, 13 and 18 or 21 h. respectively. The Table assumed its present form in 1914 but was not called Table IV until 1915. The hours for official stations became 7, 13, 18 and 21 or 1 h. in 1923 and 0, 6, 12, 18 h. in 1944. In 1945 the hours for all stations became 3, 9, 15, 21 h. It should be noted, however, that observations at some hours are not available for some stations.

MEAN AIR PRESSURE

This is expressed in millibars (1 millibar = 1,000 dynes per square centimeter = the pressure due to 0.750062 mm of mercury at 0°C, and standard gravity 980.665 cm/sec.²). The corrections for gravity, temperature and height have been applied to the barometer readings so as to obtain pressure at mean sea level.

HUMIDITY

The values of vapour pressure and relative humidity are based on readings of dry- and wet-bulb thermometers in louvered screens. At Kew an aspirated psychrometer is used. The humidity values are derived either by humidity slide-rule or from hygrometric tables (based on a formula by Regnault) issued by the Meteorological Office.* At most stations the daily values of relative humidity and vapour pressure are found and the monthly means are computed therefrom. At a few stations the means of the relative humidity and vapour pressure are derived from the monthly means of the dry- and wet-bulb readings. These stations are indicated by an asterisk against the station name.

*London, Meteorological Office. *Hygrometric Tables* Part I, 6th edition, HMSO 1964.

CLOUD AMOUNT

The proportion of sky covered with cloud is estimated on a scale 0 to 8, the entry '0' being equivalent to clear sky and '8' to overcast; '9' indicates 'sky obscured or cloud amount cannot be estimated'.

VISIBILITY

The ranges are given at the head of the appropriate columns.

SURFACE WIND

At stations where there are anemographs the mean speed over the 10 minutes ending at the hour (corrected to a height of 10 metres) is used; at other stations the frequencies are estimates, at the time of observation, of wind force on the Beaufort scale.

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

This table was introduced into the *Monthly Weather Report* in 1956 but in respect of the year as a whole it has been published in the Annual Summary since 1913.

TABLE XIII. SOLAR RADIATION AND ILLUMINATION

The present Table XIII dates from 1957, but radiation data were first published in the *Monthly Weather Report* in 1935.

The instruments used for the radiation records are Moll-Gorczynski solarimeters. Meteorological Office pattern bimetallic actinographs may be used as standby instruments for recording total radiation. Daylight illumination is measured photoelectrically (Kew Mk. V instrument).

If in any month the data for any days are incomplete owing to instrumental or other faults, these data are completed by estimated values, using other available radiation data, if at all possible. The average daily value for complete days is then taken, but if seven or more days in the month are still incomplete then the daily mean for the month is not published. The daily means for the year are computed from the monthly means. Up to and including the table for December 1965, no value for an extreme was given when it was possible that the extreme value for the month or for the year occurred on a day for which the data were either incomplete or estimated. With effect from the tables for 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 brackets.

From 1 January, 1957, the radiation values have been measured in accordance with the International Pyrheliometric Scale (1956).

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

HEIGHTS OF STATIONS ABOVE MEAN SEA LEVEL

Unless otherwise stated in a footnote the height of a station above mean sea level given in Table III refers to the height above Ordnance Datum of the ground on which the rain-gauge stands, while the 'height of barometer above mean sea level' given in Table IV 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 for 1953. From 1 January, 1964, altitudes in Northern Ireland refer to the Belfast Datum. On average the Belfast Datum is about 0.3 m lower than the Newlyn Datum.

AVERAGES

Averages used in the *Monthly Weather Report* may be found in the sources listed below except for a small number which have been computed more recently.

RAINFALL (TABLE III)

The averages refer to the period 1916–50 and are 'weighted' if the record is not complete for that period. The averages of rainfall are given in *Hyd. Mem. No 1* parts I and II, Meteorological Office, Bracknell.

PRESSURE (TABLE IV)

The averages refer to 9 h. (GMT) for the period 1931–60 and have been 'weighted' where necessary. They are given in *Clim. Mem. No 51*, Meteorological Office, Bracknell.

TEMPERATURE AND SUNSHINE (TABLE III)

The averages refer to the period 1931–60 and are given in *Averages of Temperature for Great Britain and Northern Ireland, 1931–60* (Met.O. 735) and *Averages of Bright Sunshine for Great Britain and Northern Ireland, 1931–60* (Met.O. 743) respectively.

EARTH TEMPERATURES 30 CM AND 122 CM (TABLE III)

The averages refer to the period 1931–60 and are given in *Averages of Earth Temperature at depths of 30 and 122 cm for the United Kingdom 1931–60* (Met. O. 794).

INTERPOLATED VALUES

When the observations from any station for a particular month are incomplete it may be possible to estimate approximate values for the missing observations by using reports from the neighbouring stations. Such estimates may be used for completing station mean values published in Tables III and IV, but values obtained in this way are shown in brackets thus: (11.3).

SEA TEMPERATURES

Mean sea surface temperatures are shown by figures within circles on the temperature maps in the monthly issues of the Report. The values are derived from readings of ships under way, or from stationary light vessels or lighthouses.

STATIONS COMPLETING CLIMATOLOGICAL RETURNS

A complete list of stations completing climatological returns was published in 1969 to which list the following amendments are necessary:-

- a) Add *Esgairwen-Uchaf* (Carmarthen) Sb Not publ. 52° 05'N 04° 02'W 22-609453 Mr N F Birdwood
- b) Under 'First Published' for Lerwick delete 1946 and substitute 1939.

Stations from which climatological returns ceased during 1970:-

Dartford, Largs, Lowther Hill, Ramsgate, Stirling, Thorntonhall, West Lavington, West Malling.

Stations from which climatological returns commenced during 1970:-

R.A.E. Aberporth, Achfary, Bala, Bastreet, Brawdy, Bromfield, Drungans, East Kilbride, Hereford Sewage Works, March, Park Head, Pershore, R.A.E. Farnborough, Redesdale

The following changes should be noted:-

a) On 6 December 1966, the instruments at Eastwick Lodge (Hertfordshire) were moved. Although the distance involved was small, the new site was located in Essex. This necessitates a retrospective change in station name to Little Parndon. Therefore, data published for Eastwick Lodge for December and Year 1966 should be deleted and, with effect from January 1967, data published for Eastwick Lodge refer to Little Parndon the details of which are:-

Little Parndon (Essex) C 1967 51° 47'N 00° 05'E 52-447115 Chief Engineer, Harlow Development Corp.

b) The station known hitherto as Williton (Somerset) was re-named Nettlecombe with effect from January 1970; this is a change in name only.

Stirling Batterflats: data published up to 10 March 1970 refer to Stirling.

REVISION OF THE MONTHLY WEATHER REPORT IN 1971

In 1971 a number of changes will occur in the *Monthly Weather Report* which are described below.

1. The publication will have a more contemporary appearance with a new layout of the textual matter and a modern type font. Arabic numerals will replace the Roman numerals to number the Tables.
2. Certain Tables will be re-numbered so that the six Tables common to each monthly part and to the Annual Summary appear in sequence 1 to 6 and the additional Tables in the Annual Summary follow from 7 to 12. The changes are as follows:

Table numbers

From 1971	Existing
1	I
2	XIII
3	III
4	IV
5	VIII
6	II and IX
7	X
8	XII
9	XI
10	V
11	VI
12	VII

3. In Table 1, the average percentage (of the 1916-1950 average) monthly rainfalls computed for each District 0 - 8 will be based on data from a larger number of stations than the five used hitherto, in order to get a more representative areal average. The same stations will also be used, as now, to compute average percentages for the Districts Northern Ireland, Scotland, and England and Wales. The 0-8 District values based on only five stations per District can be made available on request.

4. In Table 1, the column giving the earth temperature anomaly at 122 cm will not appear. (The new standard depth is 100 cm and true means will not be available till many years have passed.)

5. In Table 3, mean earth temperature at 100 cm will replace mean earth temperature at 122 cm. (1931-1960 averages of earth temperature at 100 cm have been calculated, with certain assumptions, for a large number of stations from past observations at 30 and 122 cm. Details may be obtained on request.)

6. In Table 4, the heading '9' will be replaced by 'sky obscured' an abbreviation of the phrase hitherto used in the Introduction, 'sky obscured or cloud amount cannot be estimated'.

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Monthly Weather Report

OF THE METEOROLOGICAL OFFICE

Summary of observations compiled from returns of official stations and voluntary observers.



Volume 87 Number 1

Published by Her Majesty's Stationery Office

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January 1970 — *Very dull; cold at first then mild*

0105596

During the first week high pressure to the north-west and low pressure to the north-east resulted in a cold northerly airstream over all districts. Thereafter, low pressure became established in the eastern Atlantic and affected all areas of the British Isles at times with south or south-west winds predominating.

Weather — The first week was bright and cold with some heavy snowfall in the north. Frost was sometimes severe and on the 6th ice formed in the sea at Pegwell Bay (Kent). After the 9th the weather was changeable, dull and often wet and it was also very mild at times. These very mild periods melted the low-lying snow and an avalanche, in which three people were killed, occurred in west Scotland on the 18th.

Wind — Although winds were often strong the frequency of gales was about average. Gales were reported on 17 days in Scotland, 15 days in England (mostly in the south-west), 11 days in Northern Ireland and 10 days in Wales. They occurred mainly on coasts and were usually not widespread. However, gales occurred in many areas on the 8th and they were severe in the south and west; a gust of 66 kt was recorded at Ballypatrick Forest (Co. Antrim). On the same day many resorts in south-west England were flooded by sea-water blown over sea-walls by a south-easterly gale. It was very windy from the 14th to 21st and during this period coastal waters were rough; on the 21st the Fraserburgh (Aberdeenshire) lifeboat capsized in heavy seas and five members of the crew were drowned. The 23rd was windy everywhere and strong gusts which occurred in the south-west included 71 kt at Scilly.

Temperature — Monthly mean temperature was within 0.5 degC of average in most areas. During the first week or so frost occurred nightly in many areas and it was often severe, especially in the north. On the morning of the 7th very low temperatures occurred in most places and Newton Rigg (Cumberland) recorded its lowest January temperature since 1940. Except in Devon and Cornwall, day-time temperatures also were well below average and frost persisted throughout the day in some areas. Temperatures were a little below average again around mid-month in the north and on the last few days in many areas. Among minimum temperatures recorded were the following which occurred on the 7th: -21.1°C at Carnwath (Lanarkshire) and West Linton (Peeblesshire); -16.7°C at Newton Rigg and Alwen (Denbighshire); -11.6°C at Loughermore Forest (Co. Londonderry) and Knockmany Forest (Co. Tyrone). On the 8th, -11.6°C occurred again at Knockmany Forest.

After the 9th many places sometimes had above average temperatures both by day and by night. Maxima included the following on the 20th: 13.9°C at Rhyl (Flintshire), 13.8°C at Exeter (Devon); 13.3°C at Poolewe and Achnashellach (both in Ross and Cromarty). On the 21st, 12.8°C occurred at Hillsborough (Co. Down).

Rainfall — Parts of east Scotland were unusually wet and it was the wettest January at Montrose (Angus) since 1869. At Bridge of Dye (Kincardineshire) more than three times the average rainfall (including melted snow) was recorded of which a total of 163 mm fell during the period 14th to 17th. Over twice the average rainfall occurred in a small area of south Yorkshire, parts of Monmouthshire and on the south coast of Devon where Plymouth Hoe had its wettest January since records began in 1893. In contrast to these areas, rainfall was below half the average over large areas in north-west Scotland where Garthbeg (Inverness-shire) had its driest January since 1940. Less than a quarter of average rainfall occurred in a small area in Sutherland.

From the 9th, frequent belts of rain crossed most areas and some heavy falls occurred in western districts. Over 53 mm of rain were recorded at Seathwaite (Cumberland) in the 24 hours ending 0900

GMT on the 10th. 'Daily' falls in excess of 50 mm occurred in Wales on the 15th and nearly 64 mm of rain fell at Tollymore Park (Co. Down) on the 17th. Heavy rain fell in north-west England on the 19th and again on the 21st when more than 56 mm were recorded at Great Langdale (Westmorland). On the 24th rain fell in many areas especially in Northern Ireland, and on the 29th there was heavy rain in the south and west.

Thunder occurred locally on 3 days in Scotland and on 2 days in the London area and in Cornwall.

Snow — Snow showers were frequent in Scotland during the first week and they occurred also in northern England and Northern Ireland. There were some heavy falls in the mountains above 200 m and drifting occurred. On the 8th snow spread quickly from south-west England across all districts. Amounts of snow were generally less than 5 cm and a rapid thaw on low ground soon followed. Over the next week much of the snow lying on high ground gradually melted except at the highest levels in the north. On the 16th rain in eastern Scotland turned to snow and spread to northern England. During the next day or two further snow fell in these areas especially in the mountains where there was much drifting while the Northern Isles had snow showers. On the last few days small amounts of snow were reported in Wales, northern England and southern Scotland.

Sunshine — Amounts of sunshine were below average in most areas. The month was mostly dull after the first week. During the period 9th to 25th there was very little sunshine anywhere and a number of places in the west Midlands were completely sunless from the 7th to 21st. It was the dullest January at Cranwell (Lincolnshire) and Sutton Bonington (Nottinghamshire) since records began in 1921 and 1925 respectively.

Fog — On the 5th and 7th freezing fog occurred in many parts of the Midlands, northern England and southern Scotland; it was persistent in industrial areas and caused the closure of Liverpool Airport (Speke) for some hours on the 7th. During the last three weeks hill and coastal fog often affected many areas, occasionally disrupting air and sea traffic for short periods. Fog was particularly widespread in eastern and central England on the 25th and 28th.

Miscellaneous Phenomena — An avalanche occurred on Ben Nevis on the 18th and caused the deaths of three persons. The aurora was seen on 6 nights in Scotland.

TABLE I—DISTRICT VALUES, January 1970

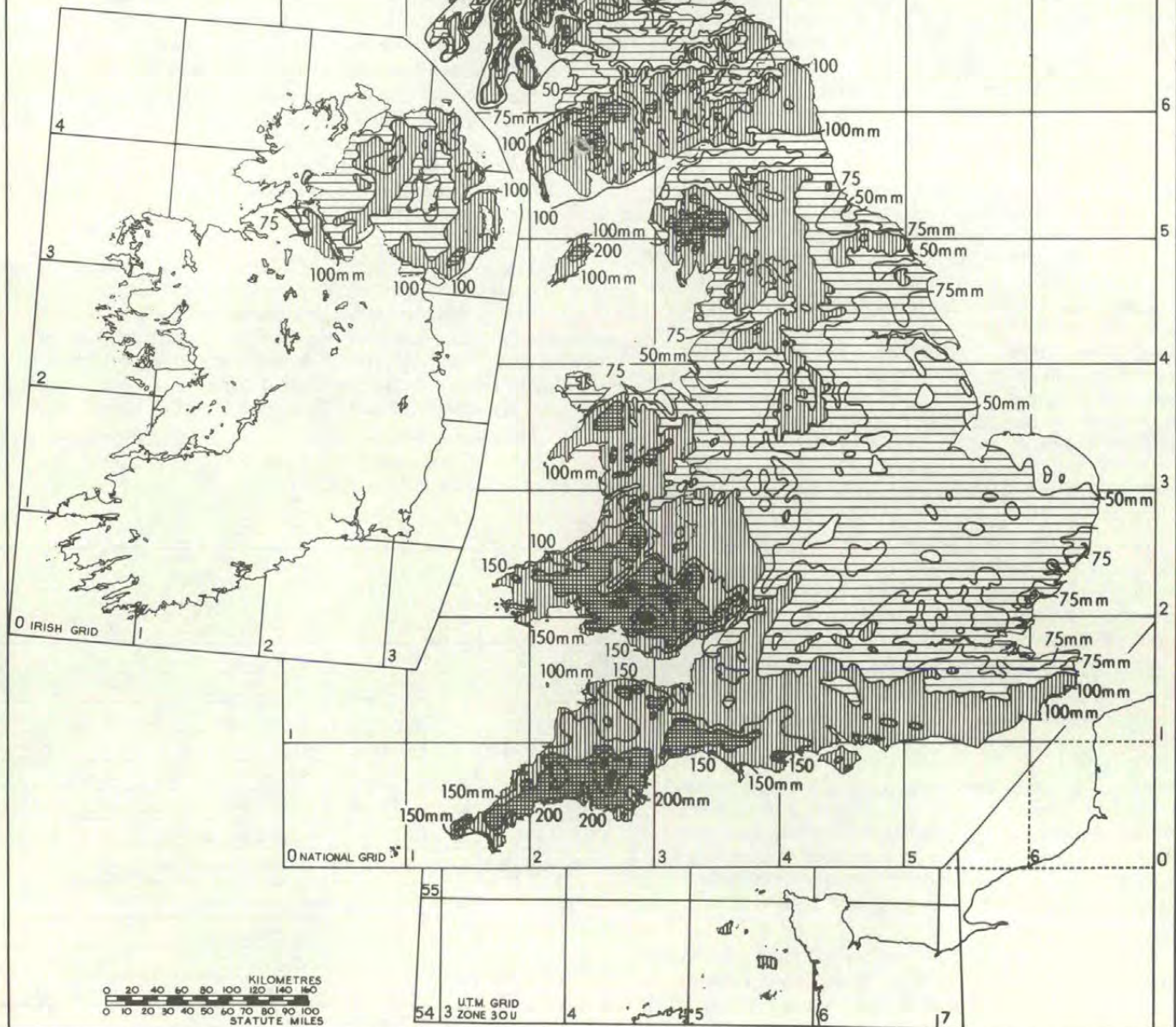
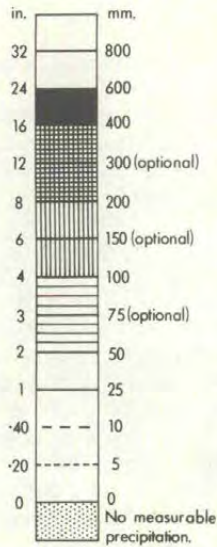
DISTRICTS	AIR TEMPERATURE °C					EARTH TEMP. °C		RAIN DAYS	RAIN-FALL	SUN-SHINE
	*Highest Max.	*Lowest Min.	Max.	Min.	Mean	Mean 30 cm.	Mean 122 cm			
	Difference from Average							% of Average		
0 SCOTLAND, N.	12.8	-9.4	-0.3	+0.2	-0.1	+0.1	+0.3	-3	68	67
1 SCOTLAND, E.	11.1	-10.6	-0.4	+0.3	0.0	+0.1	-0.3	+4	125	72
2 ENGLAND,N.E.	10.6	-10.6	-0.8	0.0	-0.4	+0.1	+0.1	+5	129	70
3 ENGLAND, E.	9.6	-10.0	-0.3	+0.3	0.0	+0.4	0.0	+4	101	56
4 MIDLANDS	10.7	-10.0	+0.1	+0.4	+0.2	+0.2	-0.3	+3	131	72
5 ENGLAND, S.E.	11.1	-9.4	+0.3	+0.9	+0.6	+0.2	-0.2	+4	130	62
6 SCOTLAND, W.	11.4	-17.4	-0.2	+0.1	-0.1	-0.3	-0.7	-1	80	70
7 ENGLAND, N.W and N.Wales	11.6	-16.7	+0.1	+0.1	+0.1	+0.4	-0.1	+2	84	75
8 ENGLAND, S.W. and S.Wales	12.8	-11.1	+0.4	+0.3	+0.4	+0.1	-0.4	+3	141	76
N.IRELAND	12.2	-8.4	-0.1	-0.1	-0.1	—	—	+1	100	67
SCOTLAND	12.8	-17.4	-0.3	+0.2	-0.1	—	—	0	77	70
ENG. and WALES	12.8	-16.7	0.0	+0.3	+0.1	—	—	+3	118	66

*Highest Max. and Lowest Min. of the District Value Stations.

FH3A

RAINFALL JANUARY 1970

The equivalent values in inches
are given in round numbers.
The exact relation is 10in. = 254mm.



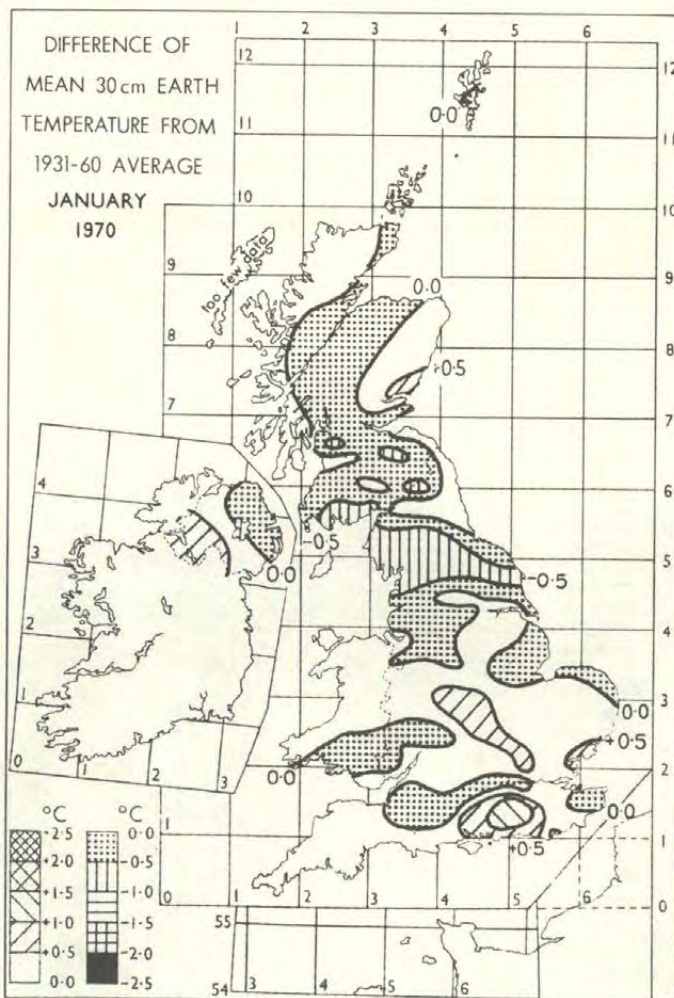
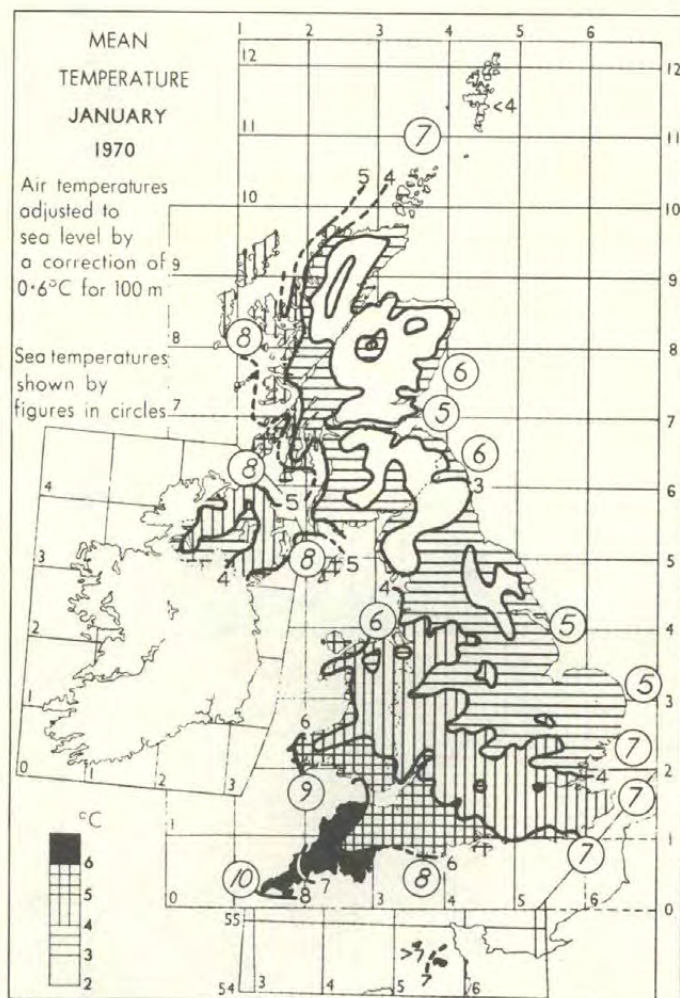
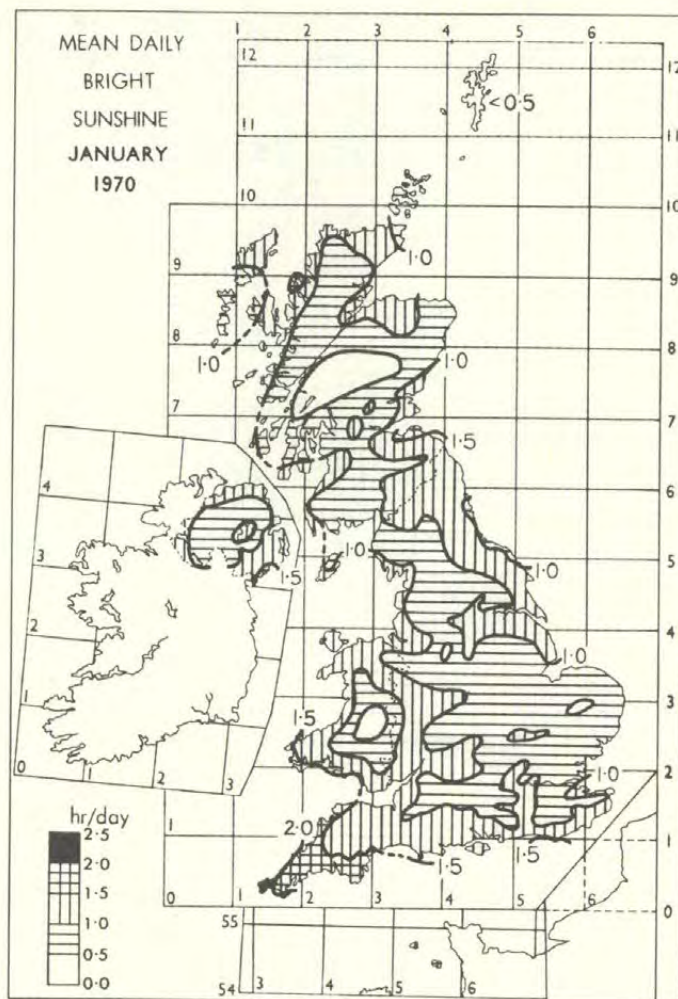
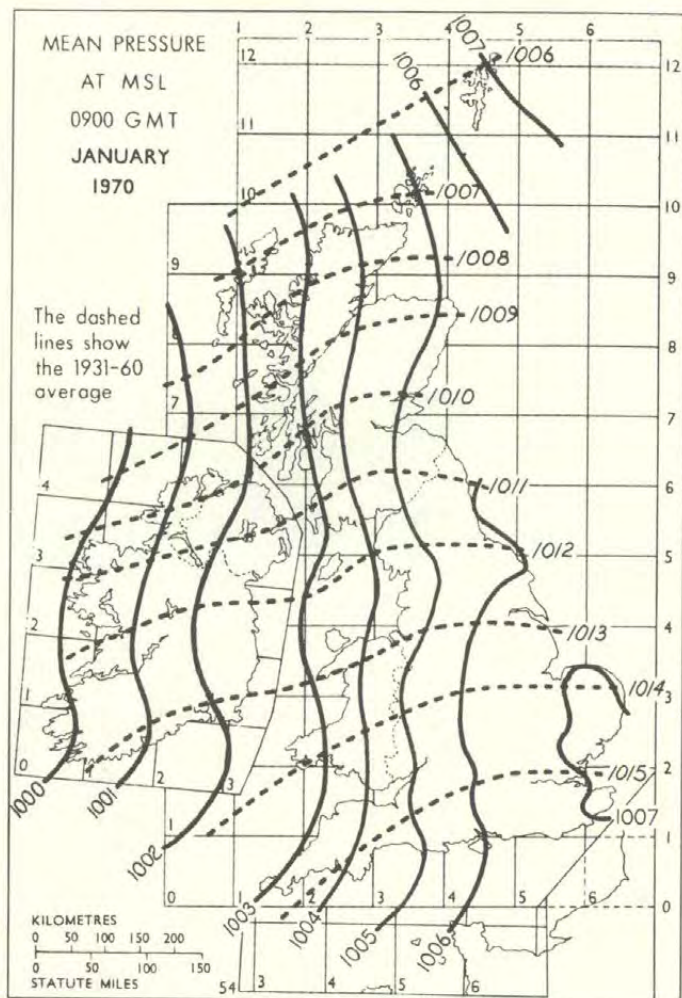


TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND—

JANUARY,

1970

DISTRICT COUNTY AND PLACE	HEIGHT OF VANE IN METRES			DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED										Mean Hourly Wind Speed in knots	HIGHEST VELOCITIES					
	Above Mean Sea Level	Above ground	Effective Height	34 Knots or more (Gale force)		22 to 33 knots		11 to 21 knots	4 to 10 knots	Less than 4 knots	No Record	HIGHEST HOURLY WIND			HIGHEST GUST					
				Dates of Occurrence	Dura- tion (hr)	No. of days	Duration in Hours				Veer from N	Speed in knots	Hour ended at day hour		Veer from N	Speed in knots	Day and Time			
0 SCOTLAND N.																				
Zetland Lerwick	93	10	10	9, 18	12	18	208	329	122	73	0	16.6	160	37	18	17	160	58	18	1755
Orkney Kirkwall	41	15	10	3, 9, 15, 18	7	20	263	328	102	44	0	17.8	130	37	9	01	330	55	3	0800
Caithness Dounreay	34	12	9	3, 8, 9, 14, 15, 21, 24, 25, 31	36	21	211	329	122	35	11	17.8	130	44	9	05	140	58	21	0725
Wick	45	10	10	-	0	17	182	359	145	58	0	15.3	110	33	15	01	160	54	31	2110
Sutherland Shin	24	10	10	-	0	3	7	238	201	295	3	7.4	160	24	19	21	160	43	19	2030
Ross & Stornoway (C'Gd)	37	12	11	-	0	5	22	274	344	104	0	9.5	180	27	21	13	180	44	21	0705
Cromarty Duirinish	38	20	17	-	19	11	88	356	200	81	0	13.5	160	38	20	21	160	58	20	2300
Inverness Benbecula	16	10	10	19-21, 31	0	0	0	128	235	381	0	4.9	210	20	21	02	080	43	8	1710
Corpach	23	15	12	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fort Augustus N.S.H.E.B.	58	16	16	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cairngorm	1075	10	10	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1 SCOTLAND E.																				
Moray Kinloss	18	13	13	-	0	7	24	293	315	112	0	10.0	100	29	14	21	100	42	14	2000
Lossiemouth	31	24	18	-	0	4	19	258	296	171	0	8.9	320	32	3	13	320	56	3	1205
Aberdeen Dyce	72	10	10	-	0	7	27	399	189	129	0	11.4	160	25	18	11	160	39	18	0945
Fraserburgh	29	13	11	3	1	8	96	369	230	17	31	13.6	-	34	3	13	-	50	3	1055
Angus Bell Rock	39	40	38	8, 9, 18, 21, 24	15	21	252	294	114	69	0	17.2	170	41	18	08	170	54	18	0735
Perth Rannoch	307	17	17	-	0	2	8	257	230	208	41	8.3	110	27	8	20	120	40	8	1840
Tummel Bridge	161	16	16	-	0	0	0	128	390	226	0	6.0	120	19	14	19	110	36	8	2225
Fife Leuchars	25	13	13	-	0	10	41	293	237	173	0	10.2	150	26	18	08	140	37	24	2325
Midlothian Turnhouse	43	13	10	-	0	1	1	180	385	178	0	7.0	130	23	8	13	130	38	8	1250
6a SCOTLAND, W.																				
Argyll Tiree	27	18	14	5, 8, 17-21, 24, 31	68	25	284	253	99	40	0	19.9	130	44	31	20	140	60	31	2225
Machrihanish	24	13	13	21, 31	7	17	142	346	192	54	3	14.7	140	39	31	21	140	55	31	1950
Dunbarton Cumbernauld	166	10	10	-	0	2	14	283	265	159	23	9.0	170	26	21	08	170	49	21	0800
Renfrew Paisley	57	25	9	-	0	1	3	137	361	243	0	6.3	180	25	21	12	180	42	21	1015
Abbotsinch	16	10	10	-	0	0	0	192	353	199	0	7.4	170	21	21	12	170	37	21	1150
Ayr Ardrossan	24	20	10	-	0	9	24	377	306	37	0	11.4	360	26	3	17	150	39	21	0635
Hunterston	13	10	10	0	0	5	18	235	315	176	0	8.8	140	29	8	21	130	44	8	1630
Prestwick	21	10	10	-	0	0	0	163	342	239	0	6.7	070	21	23	15	070	37	23	1445
Dumfries Eskdalemuir	259	10	10	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wigtown West Freugh	25	10	10	-	0	7	34	334	245	101	30	11.1	120	29	8	20	120	43	8	1940
6b ISLE OF MAN																				
Ronaldsway	25	10	10	-	0	17	130	283	252	79	0	13.1	100	33	8	16	310	48	6	0050
Point of Ayre	20	10	10	-	0	16	137	347	214	46	0	14.2	320	33	5	24	270	45	5	2250
2 ENGLAND, N.E.																				
Durham Durham	119	16	10	-	0	0	0	145	456	139	4	7.2	140	20	18	12	140	37	18	1055
South Shields	22	17	13	-	0	5	21	268	303	152	0	9.4	140	26	8	16	360	38	6	0610
Yorks N.R. Leeming	42	10	10	-	0	0	0	158	377	209	0	7.0	350	21	6	09	350	31	6	0810
Middlesbrough	23	19	19	-	0	3	5	340	337	62	0	10.3	180	23	18	10	190	39	18	0950
Lincoln Waddington	80	10	10	-	0	2	3	271	404	66	0	9.3	100	23	8	15	140	33	19	2010
Cranwell	77	13	13	-	0	1	1	260	346	137	0	8.4	240	23	6	06	240	34	6	0555
Coningsby	16	10	10	-	0	1	1	261	423	59	0	9.1	320	22	6	13	320	34	6	1245
Binbrook	118	10	10	-	0	3	8	345	320	71	0	10.2	300	25	6	08	310	36	6	0705
Manby	26	10	10	-	0	0	0	198	428	118	0	7.9	300	18	6	14	110	29	8	1505
3 ENGLAND, E.																				
Norfolk Marham	29	10	10	-	0	1	2	208	386	148	0	8.2	120	24	8	16	120	37	8	1520
West Raynham	93	17	14	-	0	5	21	362	339	22	0	11.4	130	29	8	16	120	42	8	1500
Coltishall	27	10	10	-	0	0	0	207	414	123	0	8.0	130	20	8	17	130	32	8	1635
Suffolk Honington	104	16	10	-	0	0	0	238	425	81	0	8.7	100	20	8	15	110	32	8	1510
Wattisham	94	13	9	-	0	2	2	289	391	62	0	9.3	110	22	8	18	110	35	8	1445
Bedford Bedford	69	41	41	-	0	0	0	275	422	47	0	9.4	280	21	6	13	110	31	8	1815
Cardington	141	13	10	-	0	2	3	249	366	126	0	8.4	120	25	8	16	120	37	8	1540
Hertford Garston	94	15	10	-	0	0	0	13	438	293	0	4.7	300	14	6	11	300	26	6	1200
Rothamsted	141	13	10	-	0	0	0	60	528	156	0	6.0	120	15	8	12	120	32	8	1135
Essex Stansted	108	10	10	-	0	1	6	195	376	167	0	7.6	110	25	8	13	110	37	8	1220
Shoeburyness	36	32	28	-	0	9	65	304	228	57	0	12.8	110	33	8	12	110	41	8	1055
4 MIDLAND COUNTIES																				
Yorks W.R. Sheffield	162	25	11	-	0	0	0	202	395	147	0	7.7	320	21	6	10	310	32	6	0835
Church Fenton	18	10	10	-	0	0	0	184	399	161	0	7.5	130	20	23	10	130	32	23	0915
Notts Finningley	19	10	10	-	0	0	0	246	440	58	0	8.9	120	21	8	14	110	31	8	1225
Rutland Cottesmore	143	13	13	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N'hampton Wittering	196	36	22	-	0															

TABLE II (continued)—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— JANUARY, 1970

5

DISTRICT COUNTY AND PLACE	HEIGHT OF VANE IN METRES			DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED										Mean Hourly Wind Speed in knots	HIGHEST VELOCITIES					
	Above Mean Sea Level	Above ground	Effective Height	34 Knots or more (Gale force)		22 to 33 knots		11 to 21 knots	4 to 10 knots	Less than 4 knots	No Record	HIGHEST HOURLY WIND			HIGHEST GUST					
				Dates of Occurrence	Duration (hr)	No. of days	Duration in Hours				Veer from N	Speed in knots	Hour ended at day hour		Veer from N	Speed in knots	Day and Time			
7a ENGLAND, N.W.																				
Cumberland Sellafield	25	12	11	-	0	6	34	283	250	177	0	9.7	110	30	8	10	110	40	8	1010
Carlisle	41	13	9	-	0	0	0	245	340	159	0	8.3	140	20	18	10	160	34	19	1345
Spadeadam	292	16	15	-	0	4	18	276	291	159	0	9.3	090	33	8	19	090	47	8	1855
Westmorland Great Dun Fell ...	857	10	10	8, 10, 18, 21, 23	18	21	172	385	127	42	0	16.2	220	40	10	04	220	56	10	0315
Moor House	597	15	14	8																
Lancashire Squires Gate	26	16	11	-	0	8	37	410	238	59	0	12.1	280	30	6	02	270	46	6	0125
Aigburth	38	23	11	-	0	1	2	291	367	84	0	9.1	270	23	6	02	330	39	6	0545
Southport	19	14	11	-	0	1	5	168	365	193	13	7.0	290	31	6	02	290	46	6	0145
Fleetwood	34	15	9	-	0	2	5	254	360	125	0	8.8	310	32	6	03	270	50	6	0105
Speke	30	10	10	-	0	4	11	341	308	84	0	10.4	270	24	6	03	280	39	6	0255
Cheshire Manchester/W.Centre	82	45	17	-	0	1	2	226	411	105	0	8.3	090	25	8	16	250	46	6	0235
Bidston	80	20	12	-	0	4	15	335	324	48	22	-	290	28	6	03	290	50	6	0125
Ringway	80	10	10	-	0	2	10	301	329	104	0	9.4	100	31	8	15	100	45	8	1410
7b NORTH WALES																				
Anglesey Valley	26	16	12	17-19, 21, 31	14	15	94	336	244	56	0	13.4	180	38	21	09	170	50	18	0530
8a SOUTH WALES																				
Cardigan Aberporth	135	13	11	23, 31	7	15	93	388	200	56	0	13.5	150	40	31	18	150	52	31	1645
Pembroke Milford Haven C.B.	47	10	10	-	0	8	38	332	280	94	0	11.1	140	30	23	07	180	49	23	0130
Glamorgan Port Talbot	28	12	11	8	2	10	69	281	278	114	0	10.9	130	35	8	13	130	52	8	1220
Rhose	77	10	10	-	0	2	6	306	337	95	0	9.4	270	25	23	16	280	38	23	1545
8b ENGLAND, S.W.																				
Dorset Portland Bill C.G.	60	13	13	8, 23	11	14	78	420	191	44	0	14.0	310	35	23	18	310	49	23	1745
Devon Mount Batten	64	13	13	23	5	9	53	320	299	67	0	11.8	230	40	23	10	220	58	23	0855
Chivenor	19	13	10	23	3	5	19	208	362	62	0	10.3	280	35	23	15	280	52	23	1440
Cornwall Scilly	70	20	17	22, 23	15	14	127	338	226	38	0	14.8	280	47	23	10	290	71	23	1125
Lizard	96	23	18	7, 8, 22, 23	28	18	140	272	177	74	53	15.0	260	46	23	11	240	66	23	0745
St. Mawgan	120	13	13	8, 22, 23	4	14	120	338	240	42	0	13.6	130	35	8	02	140	53	8	0100
9 NORTHERN IRELAND																				
Londonderry Ballykelly	13	12	10	-	0	10	66	245	251	182	0	10.1	150	32	31	21	150	47	31	2040
Antrim Aldergrove	80	10	10	-	0	7	25	273	353	93	0	8.9	180	27	21	04	180	42	21	0315
Ballypatrick Forest	166	13	13	5, 8, 9, 17, 24	18	16	162	386	146	32	0	15.7	130	42	8	12	140	66	8	1135
Belfast Harbour	21	18	18	-	0	7	46	294	282	88	34	10.7	180	32	21	05	300	50	5	2140
Down Kilkeel	35	18	14	-	0	12	96	300	217	131	0	11.6	160	33	31	20	160	49	31	2150
Orlock Head	51	16	12	8																
Armagh Portadown	26	10	10	8																
Tyrone Carrigans	129	10	10	-	0	10	45	257	240	202	0	9.0	120	27	8	13	170	46	21	0205
Fermanagh Castle Archdale Forest	80	13	13	-	0	4	17	211	303	213	0	7.5	160	25	21	01	150	50	19	1245
CHANNEL ISLES																				
Jersey Airport	98	18	12	-	0	3	19	471	211	43	0	12.2	280	32	23	21	270	49	23	1535

† Anemograph dismantled for re-erection * Defective record ‡ Record ceased § Incomplete record ¶ Anemograph out of order ** Record ceased temporarily

TABLE III —SUMMARY OF DAILY OBSERVATIONS JANUARY, 1970

DISTRICT, COUNTY AND PLACE	Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days										BRIGHT SUNSHINE									
				MEANS OF		Daily Mean (mean of A & B)	Difference from 1931-50 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1931-50 average	MOST IN A DAY		Precip'n		Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C.	Gale	Daily Mean (hr.)	Percentage of 1931-50 average	Exposure			
				Max. (A)	Min. (B)			Maximum	Date	Minimum	Date	Amount (mm)	Date			0.2 mm or more	1.0 mm or more																		
															30 cm.	122 cm.																			
0 SCOTLAND, N.																																			
Zetland																																			
Hamnavoe ...	99	21	5.3	1.7	3.5	-	8.3	18	-4.4	2.3	-	-	179	-	28	18	31	25	12	6	7	1	0	0	8	-	-	14	0.41	-	-	-	-	-	
Lerwick ...	21-9	82	4.0	1.4	2.7	-0.4	7.5	18	-5.6	2	-	-	150	116	19	4	25	19	13	8	1	8	0	0	11	14	15	5	0.40	50	-	-	-	-	
Baltasound ...	99	24	4.8	0.8	2.8	-	7.8	27	-5.6	2	4.3	-	111	89	20	18	24	18	10	9	0	6	0	0	12	-	3	0.43	-	-	-	-	-	-	
Orkney																																			
Sule Skerry ...	21-9	13	6.3	4.4	5.3	-	9.1	19	-1.4	2	-	-	61	-	9	18	21	18	6	0	2	0	0	0	1	14	10	5	-	-	-	-	-	-	
Stenness ...	99	23	5.4	1.5	3.5	-	9.4	12	-6.1	7	3.7	5.2	100	93	17	15	28	19	7	8	0	1	0	0	10	16	-	0	0.92	-	-	-	-	-	
Kirkwall ...	21-9	26	4.8	1.8	3.3	-0.5	7.1	21, 25, 27	-3.9	3	-	-	80	74	10	15	25	19	11	4	2	4	0	2	9	15	15	4	0.58	53	-	-	-	-	-
Caithness																																			
Dounreay ...	99	21	6.0	0.7	3.3	-	8.9	20, 21, 22	-3.9	7	-	-	57	59	13	15	18	14	4	4	1	0	0	7	12	19	-	3	1.27	-	-	-	-	-	
Wick ...	21-9	36	4.9	1.9	3.4	0.0	7.7	20	-7.4	6	-	-	52	70	9	15	20	16	10	7	2	3	0	0	10	14	13	2	0.91	64	-	-	-	-	
John O'Groats ...	99	30	5.2	1.4	3.3	-	7.2	12, 24, 25	-4.4	7	-	-	49	-	9	15	25	14	7	-	2	1	0	0	10	12	-	4	0.81	-	-	-	-	-	
Sutherland																																			
Cape Wrath ...	21-9	112	6.0	2.9	4.5	-0.1	12.0	21	-2.1	2	-	-	36	28	14	7	18	9	8	2	1	0	0	0	7	13	12	6	1.33	-	-	S	-	-	
Achany ...	99	85	4.2	-1.7	1.3	-	11.1	21	-11.7	7	2.2	4.4	56	48	11	15	17	11	8	13	0	0	0	5	22	24	-	0	0.76	-	-	-	-	-	
Strathy ...	99	37	5.3	0.3	2.8	+0.1	9.4	21	-3.9	5, (7)	-	-	57	51	8	1	19	14	8	7	0	1	0	2	16	-	-	0	1.16	118	S	-	-	-	
Achentoul ...	99	137	4.4	-1.3	1.5	-	8.3	21, 25	-14.4	7	-	-	82	-	15	15	22	15	8	10	0	5	0	2	18	26	-	1	1.09	-	-	-	-	-	
Ross & Cromarty																																			
Stornoway ...	21-9	3	6.2	3.0	4.6	+0.2	10.4	20	-5.2	6	-	-	59	56	7	31	19	16	5	6	0	4	0	0	8	11	10	3	1.18	104	-	-	-	-	
Balmacara ...	99	4	7.1	2.6	4.9	-	11.1	19	-5.6	7	-	-	64	-	(9)	3	17	15	4	8	0	0	0	0	6	-	-	0	-	-	-	-	-	-	
Poolewe ...	99	6	7.0	2.1	4.5	-	13.3	20	-4.4	6	-	-	52	33	-11	3	20	11	4	-	0	0	0	0	6	19	-	0	1.45	-	-	S	-	-	
Rudh Re ...	21-9	16	6.6	3.5	5.1	-	12.1	20	-1.2	3	-	-	-	-	-	-	-	6	4	1	0	0	0	5	6	5	5	-	-	-	-	-	-	-	
Inverpolly ...	99	14	6.5	0.9	3.7	-	12.8	21	-7.2	7	4.3	-	58	41	13	3	16	12	6	9	0	1	0	-	9	23	-	7	1.47	-	-	S	-	-	
Achnashellach ...	99	67	5.8	-0.2	2.8	0.0	13.3	20	-11.1	7	-	-	76	34	(18)	3	18	11	4	11	0	0	0	0	13	-	-	0	-	-	-	-	-	-	
Kinlochewe ...	99	23	5.9	-0.3	2.8	-0.6	12.8	20	-9.4	6, 7	3.2	-	62	29	17	3	19	11	4	10	0	0	1	0	16	24	-	0	0.86	-	-	S	-	-	
Knockanrock ...	99	244	4.2	-0.2	2.0	-	10.6	21	-5.6	7	-	-	87	-	(26)	4	20	14	8	13	0	0	0	-	12	26	-	0	-	-	-	-	-	-	
Strathconon ...	99	107	4.1	-1.8	1.1	-	11.1	21	-11.7	7	-	-	45	-	11	3	15	10	6	12	0	0	0	-	21	28	-	0	-	-	-	-	-	-	
Fortrose ...	99	5	5.6	1.3	3.5	-0.2	11.1	21	-3.3	7	-	-	17	29	4	12	13	6	2	3	0	0	0	2	7	-	-	0	1.05	67	-	-	-	-	
Tarbatness ...	21-9	18	4.8	1.8	3.3	-0.1	9.4	19, 20, 21	-5.5	7	-	-	33	70	5	15	17	13	6	0	0	0	0	3	9	-	-	5	-	-	-	-	-	-	

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

JANUARY,

1970

DISTRICT, COUNTY AND PLACE	Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days										BRIGHT SUNSHINE				
				MEANS OF		Daily Mean (mean of A & B)	Difference from 1911-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1910-50 average	MOST IN A DAY		Precip'n 0.2 mm or more 1.0 mm or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1911-60 average	Exposure	
				Max. (A)	Min. (B)			Maximum	Date	Minimum	Date					Amount (mm)	Date															
0 SCOTLAND, N. -contd.																																
Inverness																																
Benbecula ...	21-9	6	6.4	2.7	4.5	-0.2	11.3	21	-6.4	5	-	-	82	68	12	5	23	20	5	5	1	4	0	0	6	12	11	4	0.76	-	-	-
Isle of Rhum €	99	5	6.9	2.6	4.7	-	11.1	21	-5.6	7	4.2	6.6	105	38	19	20	21	17	2	6	0	1	0	0	4	16	-	1	-	-	-	-
Prabost ...	99	67	5.9	1.7	3.8	-	10.6	21	-5.0	5	-	-	47	23	6	20	24	13	6	8	0	5	0	0	7	21	-	6	0.96	-	-	-
Duntulm ...	99	90	6.4	2.2	4.3	-0.1	11.7	21	-2.2	5	-	-	45	31	5	7	22	18	5	2	0	0	0	0	6	17	-	1	0.87	80	S	-
Onich ...	99	15	6.3	0.9	3.6	0.0	12.8	20	-9.4	7	-	-	88	36	13	31	21	15	-	7	-	-	-	0	9	18	-	-	0.47	48	S	-
Fort William €	99	8	6.6	-0.1	3.3	-	12.8	19,20	-11.7	7	3.0	4.4	57	26	10	19	23	14	3	7	0	1	0	0	11	21	-	-	0.49	-	-	-
Corpach ...	99	8	6.7	0.3	3.5	-	12.2	19,20,21	-7.8	7	-	-	76	-	18	19	16	14	2	7	0	0	0	1	11	23	-	0	-	-	-	-
Fort Augustus ...	99	21	5.8	0.2	3.0	+0.4	11.7	21	-10.0	7	-	-	30	-	10	3	18	8	3	9	0	0	0	2	15	-	-	2	0.57	-	S	-
Inverness ...	99	4	5.6	-0.6	2.5	-	12.8	21	-6.1	6	-	-	12	19	4	9	8	5	3	5	0	0	0	4	16	25	-	0	1.05	-	-	-
Coire Cas Shieling	99	762	1.1	-2.6	-0.7	-	8.3	18	-8.9	6	-	-	-	-	-	-	-	-	11	24	-	-	-	-	23	-	-	-	-	-	-	-
Cairngorm ...	99	1090	-1.9	-5.2	-3.5	-	(2.2)	19	-11.1	6,(7)	-	-	-	-	-	-	-	-	14	31	-	-	-	-	31	-	-	15	-	-	-	S
Achnagoichan ...	99	305	3.8	-1.6	1.1	-	8.9	19	-10.6	7	2.2	-	33	34	9	14	12	9	11	-	0	0	0	-	19	27	-	1	-	-	-	-
Glenmore Lodge	99	341	4.0	-2.5	0.7	0.0	9.9	19	-13.0	7	-	-	55	50	15	14	18	13	17	9	0	0	0	1	21	27	25	0	0.70	-	S	-
1 SCOTLAND, E.																																
Nairn																																
Nairn ...	99	6	5.4	-0.3	2.5	-0.6	12.8	21	-7.2	7	-	-	21	41	6	9	13	5	4	6	0	0	0	2	14	23	-	0	1.04	65	-	-
Moray																																
Grantown-on-Spey	99	221	3.9	-2.2	0.9	-	10.6	20	-15.0	7	-	-	19	-	4	14	15	9	9	11	0	0	0	2	20	26	-	0	-	-	-	-
Forres ...	99	50	5.4	0.5	2.9	0.0	11.1	20	-7.2	6	2.1	3.8	18	39	4	12	14	7	6	8	0	0	0	2	14	20	-	0	1.45	83	-	-
Kinloss ...	21-9	5	5.4	0.7	3.1	0.0	11.7	21	-7.3	6	3.2	-	21	45	5	1	13	8	8	7	0	2	0	3	13	19	16	0	1.32	-	-	-
Elgin ...	99	15	5.7	-0.1	2.8	-	11.1	21	-9.4	6	-	-	40	80	8	3	15	12	-	7	-	-	-	2	15	19	-	-	-	-	S	-
Lossiemouth ...	99	6	5.6	-0.3	2.7	-0.1	10.6	20	-11.1	6	-	-	30	62	7	3	16	10	8	4	0	2	0	0	15	23	23	0	-	-	-	-
Gordon Castle ...	99	32	5.3	0.4	2.9	-0.2	10.0	20	-11.1	6	-	-	38	63	9	14	17	12	4	9	0	0	0	-	11	-	-	0	1.05	72	-	-
Banff																																
Glenlivet ...	21-9	215	4.0	-0.8	1.6	-	9.7	20	-14.3	7	-	-	33	-	12	14	17	7	11	10	0	0	0	0	19	24	28	0	1.17	-	S	-
Banff ...	99	24	5.3	1.4	3.3	-	7.8	13,18,23	-5.6	6	-	-	54	-	12	14	20	13	4	1	0	1	0	0	9	-	-	3	0.86	-	-	-
Aberdeen																																
Braemar ...	99	339	3.2	-2.3	0.5	-0.1	8.3	18	-15.0	7	-	-	67	65	8	14	24	17	-	10	-	-	-	4	19	25	-	-	0.48	-	S	-
Balmoral ...	99	283	3.2	-2.4	0.4	-0.2	8.3	21	-11.7	7	-	-	80	91	17	14	22	18	9	13	0	0	0	-	22	25	-	0	-	-	-	-
Dinnet ...	99	177	3.7	-1.0	1.3	-	8.3	27	-11.1	6,7	2.4	-	98	-	23	14	24	17	-	10	-	-	-	0	17	21	-	-	0.90	-	-	-
Gartly ...	99	160	3.8	-1.3	1.3	-	8.9	25	(-13.9)	6,7	-	-	101	-	20	14	23	21	-	-	-	-	-	-	16	19	-	-	-	-	-	-
Inverurie S. Wks.	99	54	4.5	-0.6	1.9	-	8.9	22	-13.9	6	-	-	126	-	23	15	22	21	9	10	0	0	0	3	15	16	-	0	0.77	-	-	-
Fyvie Castle ...	99	66	4.4	-1.1	1.7	-	8.3	22,25	-15.6	6	-	-	115	144	23	14	22	19	6	11	0	0	0	-	15	18	-	4	0.85	-	S	-
Craibstone ...	99	91	4.4	0.8	2.6	+0.1	7.8	22,25	-6.7	6	3.0	4.2	144	186	21	17	24	20	7	9	1	1	0	1	11	13	-	0	0.80	44	-	-
Dyce ...	21-9	58	4.7	0.7	2.7	+0.3	9.5	25	-11.9	6	-	-	157	196	24	15	24	18	9	9	0	4	0	2	11	15	14	0	0.75	-	-	-
Aberdeen ...	99	52	4.9	0.6	2.7	+0.1	8.3	25	-8.9	6	-	-	158	220	23	15	23	19	5	8	0	0	0	1	11	14	-	0	0.76	46	S	-
Fraserburgh ...	21-9	18	5.3	3.0	4.1	-	8.0	22	-3.0	7	-	-	106	-	14	14	22	18	8	1	0	3	0	4	6	-	11	3	0.53	-	-	-
Kincardine																																
Fettercairn ...	99	171	3.8	0.0	1.9	+0.2	7.2	27	-5.6	7,8	-	-	202	232	36	15	25	21	11	10	0	0	0	10	15	20	-	1	0.74	-	S	-
Strachan ...	99	120	4.3	-1.6	1.3	-	8.3	22	-15.0	7	3.1	-	275	-	43	17	23	20	7	9	0	0	0	10	16	14	-	0	0.86	-	-	-
Banchory ...	99	77	4.7	-0.3	2.2	-	9.4	22	-10.6	7	-	-	193	-	28	17	23	21	9	10	1	2	0	0	15	16	-	0	-	-	-	-
Angus																																
Mynefield ...	99	30	4.9	0.3	2.6	-	10.0	21	-9.4	7	2.6	5.0	102	150	14	17	23	19	7	4	1	0	0	4	10	21	-	0	1.03	-	-	-
Dundee ...	99	45	4.9	0.7	2.8	+0.2	9.4	21	-7.2	6	2.6	-	112	155	19	15	22	19	7	3	0											

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS JANUARY, 1970

DISTRICT, COUNTY AND PLACE		Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days												BRIGHT SUNSHINE		
				MEANS OF		Daily Mean (mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1916-30 average	Most in a Day	Precip'n	0.2 mm or more	1.0 mm or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure
				Max. (A)	Min. (B)			Maximum	Date	Minimum	Date																					
				30 cm.	122 cm.																											
6b	ISLE OF MAN																															
	Ronaldsway ...	21-9	17	7.1	3.5	5.3	-	10.0	18.21	-4.3	7	-	-	92	95	16	11	23	16	6	1	0	4	0	0	7	9	8	1	1.05	-	-
	Douglas ...	99	87	6.7	2.6	4.7	0.0	9.4	18.21	-3.9	7	-	-	126	99	25	11	25	18	4	5	1	0	0	0	5	8	-	4	1.03	56	-
	Point of Ayre ...	21-9	9	6.7	3.3	5.0	-	10.5	18	-5.0	7	-	-	98	112	21	11	20	18	5	0	0	0	0	0	2	-	-	8	1.03	-	-
2	ENGLAND, N.E.																															
	Northumberland																															
	Kielder Castle ...	99	201	3.8	-2.2	0.8	-	8.9	21	-15.0	7	2.1	-	121	88	21	9	21	20	6	10	0	1	0	13	18	26	-	0	-	-	-
	Haydon Bridge ...	99	79	5.4	-1.2	2.1	-	11.1	21	-12.8	7	2.2	3.7	51	-	10	15	20	15	4	5	0	0	0	2	14	19	-	0	-	-	-
	Corbridge ...	99	49	5.3	-1.0	2.1	-	10.6	25	-14.4	7	-	-	56	-	10	15	20	15	3	5	0	0	0	5	14	22	-	0	-	-	-
	Berwick-on-Tweed †	99	23	5.4	0.6	3.0	-0.4	8.9	10	-10.6	8	-	-	78	150	11	15	24	18	6	3	1	0	0	2	8	16	-	0	1.42	81	-
	Acklington ...	21-9	42	4.5	0.4	2.5	-0.5	9.7	25	-13.4	8	-	-	115	182	21	15	22	20	7	5	0	4	0	6	12	15	14	0	1.32	-	-
	Tynemouth †	21-9	29	4.8	1.9	3.3	-0.7	8.4	21	-5.4	8	-	-	83	141	19	15	22	15	7	3	0	0	0	3	7	11	-	2	0.95	68	-
	Seahouses ...	21-9	11	4.9	1.5	3.2	-	8.9	22	-7.5	7,8	-	-	101	-	20	15	19	16	5	4	0	1	0	2	10	14	12	0	1.27	-	-
	Durham																															
	Chopwellwood ...	99	136	4.5	-0.3	2.1	-0.5	10.0	25	-8.3	7	-	-	89	135	14	17	21	17	4	6	0	0	0	4	11	23	-	0	-	-	-
	Ushaw College ...	99	181																													
	Houghall ...	99	37																													
	Durham †	99	102	5.0	-0.2	2.4	-0.4	8.9	25	-10.6	7	3.2	5.8	90	152	13	15	21	19	-	5	-	-	-	8	14	15	-	0	1.25	74	-
	Hartburn Grange ...	99	31	5.4	-0.2	2.6	-	9.0	12	-13.6	7	-	-	53	-	10	15	19	15	-	4	-	-	-	5	11	15	-	-	1.19	-	-
	Hartlepool ...	99	9	5.7	1.4	3.5	-	9.4	12,21	-7.2	7	-	-	71	130	13	15	23	17	2	3	1	0	0	5	8	-	-	0	1.04	-	-
	Yorks., N. Riding																															
	Leeming ...	21-9	32	4.6	0.8	2.7	-	8.5	12	-15.0	7	-	-	82	-	10	21	24	19	9	4	0	1	0	8	9	16	13	0	1.14	-	-
	Marton ...	99	46	5.3	0.4	2.9	-	9.4	12	-10.0	7	3.2	5.6	45	-	7	15	22	15	6	4	0	1	0	-	9	14	-	0	1.02	-	-
	York (Heslington) ...	99	20	5.0	0.5	2.7	-	9.4	12	-12.2	7,8	3.1	4.8	68	-	7	14	22	17	-	4	-	-	-	5	9	12	-	-	0.97	-	-
	Ampleforth ...	99	95	4.8	0.6	2.7	0.0	8.3	12	-7.2	7,8	-	-	-	-	-	-	-	-	1	-	0	0	0	6	9	18	-	0	0.67	51	8
	Redcar ...	99	8	6.1	1.3	3.7	-	10.0	12,25	-5.0	7	-	-	46	87	10	15	21	13	-	3	-	-	-	0	8	-	-	-	-	-	-
	Pickering ...	99	44	4.8	0.2	2.5	-	8.9	12	-11.7	7,8	-	-	78	-	8	21	23	19	3	4	0	1	0	6	10	12	-	0	-	-	-
	Scarborough ...	99	36	5.3	1.9	3.6	-0.5	8.3	22	-3.9	7	3.7	6.3	50	78	8	15	19	15	2	3	1	0	0	5	6	-	-	0.97	68	-	-
	Silpho Moor ...	99	203	4.4	-0.2	2.1	-	7.8	12	-6.7	7	2.8	-	115	137	13	15	27	22	3	6	0	0	0	14	16	20	-	0	1.09	-	-
	Whitby Coast Guard	21-9	63	5.0	1.8	3.4	-	9.2	12	-7.0	7	-	-	49	-	7	15	19	14	7	2	0	0	0	5	8	11	11	1	-	-	-
	Yorks., E. Riding																															
	High Mowthorpe ...	99	175	3.8	-0.3	1.7	-	7.8	22	-7.8	7	(2,2)	-	90	116	17	9	21	16	-	6	-	-	-	10	14	17	-	-	1.08	-	-
	Hull †	99	2	5.4	1.7	3.5	-0.2	10.6	12	-7.8	8	3.7	6.9	63	105	8	14	22	16	4	4	0	0	0	2	7	13	-	0	0.99	79	-
	Filey ...	99	37	4.8	0.9	2.9	-	7.8	22	-8.3	8	-	-	69	105	10	14	20	16	1	3	0	2	0	4	10	10	-	0	1.11	-	-
	Bridlington †	99	48	4.6	1.0	2.8	-0.4	7.2	12,22	-6.7	7	-	-	87	128	11	14	24	18	4	4	0	0	0	9	8	10	-	0	1.22	73	-
	Kilnsea ...	21-9	12	4.3	1.8	3.1	-	7.6	22	-5.5	7	-	-	55	-	6	14	20	15	5	2	0	0	0	6	6	-	-	3	-	-	-
	Lincoln																															
	Waddington †	21-9	68	4.7	1.3	3.0	0.0	8.8	22	-7.0	8	-	-	50	-	8	10	22	13	5	3	0	0	0	9	10	13	10	0	0.94	56	-
	Lincoln †	99	7	5.5	0.4	2.9	-0.4	8.9	12,22	-10.6	5	3.7	5.2	61	118	10	8	23	16	1	1	0	0	0	5	12	14	-	0	0.63	-	8
	Cranwell ...	99	62	5.2	0.5	2.9	-0.1	9.0	22	-8.0	8	3.4	5.1	45	84	7	10	23	14	5	5	0	0	0	8	12	13	12	0	0.84	47	-
	Brigg ...	99	3	5.5	0.8	3.1	-	9.4	12	-8.3	7	-	-	51	-	6	24	24	13	3	4	0	0	0	6	11	15	-	0	-	-	-
	Binbrook ...	21-9	108	4.2	1.5	2.7	-	8.9	12	-6.5	7	-	-	53	-	7	21	22	15	10	6	0	1	0	9	10	13	12	0	-	-	-
	Cleethorpes ...	99	7	5.2	1.3	3.7	+0.2	8.9	12	-4.4	7,8	-	-	48	86	7	8	20	14	2	3	0	0	0	4	8	11	-	0	1.07	68	-
	Manby ...	21-9	17	4.9	1.4	3.1	-	9.3	12	-6.8	7	3.7	-	54	102	6	10	23	14	5	4	0	3	0	5	9	12	10	0	1.12	-	-
	Skegness ...	99	5	-	1.1	-	-	-	-	-6.7	7	-	-	43	82	6	10	16	12	2	3	0	0	0	2	8	16	-	0	1.11	64	-
3	ENGLAND, E.									</																						

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS JANUARY, 1970

DISTRICT, COUNTY AND PLACE	Max. Temp. of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days												BRIGHT SUNSHINE				
			MEANS OF		Daily Mean (mean of A & B)	Difference from 1951-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1951-60 average	MOST IN A DAY		Precip'n 0.2 mm or more	1.0 mm or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1951-60 average	Exposure		
			Max. (A)	Min. (B)			Maximum	Date	Minimum	Date					Amount (mm)	Date																	
3 ENGLAND, E. — contd.																																	
Essex																																	
Harlow ...	99	79	6.2	0.9	3.5	-	9.4	11,24,27	-8.3	7	-	6.6	74	-	11	29	22	16	2	4	0	0	0	4	10	-	-	0	0.83	-	-	S	
Stansted ...	99	101	5.2	1.1	3.1	+0.4	9.0	9,10	-7.1	4	-	-	82	141	13	29	23	16	4	4	0	0	0	10	10	12	10	0	-	-	-	-	
Writtle ...	99	32	6.1	0.9	3.5	-	9.4	9,11,15	-10.0	7	4.4	-	73	132	11	29	23	18	3	6	0	0	0	9	9	16	-	0	0.90	-	-	-	
Southend ...	99	27	6.2	1.9	4.1	+0.1	10.6	11	-4.4	7.8	-	-	60	127	8	29	21	16	3	5	0	0	0	3	8	21	-	0	0.70	-	-	-	
Maldon ...	99	4	6.0	1.3	3.7	-	10.0	15	-5.6	4.8	-	-	70	-	8	22	24	15	2	-	0	0	0	6	9	-	-	0	-	-	-	-	
Earls Colne ...	99	49	6.2	0.9	3.5	-	9.4	25	-6.1	7	4.4	6.7	68	114	12	29	18	16	-	4	-	-	-	4	11	-	-	-	-	-	-	-	
Shoeburyness ¶	21-9	2	5.7	2.4	4.1	+0.1	9.2	15	-4.8	5	-	-	61	129	9	25	19	15	3	4	0	1	0	3	9	14	12	0	1.04	60	-	-	
Clacton-on-Sea €	99	16	5.2	1.9	3.5	-0.2	8.3	24	-3.9	7.8	4.9	6.8	73	142	10	29	20	14	2	4	0	0	0	4	7	11	-	0	0.88	48	-	-	
Walton-on-Naze	21-9	5	5.1	2.1	3.5	-	8.0	22,25	-5.2	7	-	-	46	-	11	29	21	15	3	3	0	1	0	4	9	8	8	1	0.71	-	-	-	
Dovercourt ...	99	3	(5.5)	1.3	(3.4)	(-0.3)	8.9	11	-5.0	4.6	-	-	72	133	10	29	18	15	1	-	0	6	0	2	10	19	-	0	-	-	-	-	
4 MIDLAND COUNTIES																																	
Yorks., W. Riding																																	
Slaidburn ...	99	192	4.8	-0.6	2.1	-	8.9	21	-12.8	7	-	-	136	76	26	17	24	22	5	4	0	0	0	5	11	20	-	0	0.68	-	-	-	
Malham Tarn ...	99	395	3.2	-1.3	0.9	-	6.7	21	-8.9	7	2.5	-	149	82	37	21	21	19	9	11	0	0	0	13	17	25	-	0	0.74	-	-	-	
Huddersfield §	99	99	5.8	0.2	3.0	-	9.4	12	-10.0	7	2.8	5.1	86	100	10	5	23	21	-	8	-	-	-	9	12	-	-	-	1.03	126	-	-	
" Oakes	21-9	232	4.3	0.5	2.4	-0.3	9.2	25	-7.0	7	2.5	4.6	93	91	9	21	24	22	7	6	0	1	0	10	14	22	15	0	1.20	93	-	-	
Bradford ¶	99	134	5.1	0.1	2.6	-0.3	8.9	12	-10.0	7	3.2	5.2	116	130	13	21	23	21	8	7	0	1	0	9	11	22	-	0	-	-	S		
Ilkley ...	99	96	5.4	0.1	2.7	-0.1	8.9	12,21	-11.7	7.8	-	-	105	103	18	21	23	21	8	4	0	0	0	9	14	-	-	0	0.91	65	S		
Sheffield ...	99	131	5.7	1.5	3.6	0.0	10.0	25	-5.6	7	3.4	5.9	95	123	11	21	23	20	6	5	0	0	0	-	8	17	-	0	1.19	102	S		
Pontefract ...	99	78	4.9	0.7	2.8	-0.3	8.3	12,22	-6.7	7	-	-	65	118	7	10	23	16	7	4	0	0	0	13	11	13	-	0	-	-	-	-	
Bramham ...	99	54	4.9	0.1	2.5	-	8.3	12,13,22	-12.2	8	-	-	102	205	10	17	23	19	5	4	0	0	0	9	13	22	-	0	1.05	-	-	-	
Cawood ...	99	6	5.2	-0.1	2.5	-	8.9	12	-13.3	7	3.1	5.1	85	144	9	8	22	18	1	4	0	0	0	5	10	19	-	0	0.86	-	-	-	
Askham Bryan ...	99	34	4.6	0.2	2.4	-	8.3	12	-10.0	7	-	-	84	133	9	14	21	18	2	4	0	0	0	8	9	13	-	0	1.03	75	-	-	
Derby																																	
Buxton €	99	307	(4.3)	-0.3	(2.0)	(+0.1)	8.3	21,25	-7.8	7.8	-	4.1	115	82	17	21	24	20	3	6	0	0	0	13	15	15	-	0	-	-	-	-	
Ashover ...	99	186	5.0	0.6	2.8	-	8.3	21,25	-7.8	7.8	-	-	100	-	11	21	24	20	9	6	0	0	0	13	12	16	-	0	1.18	-	-	-	
Derby ...	99	48	6.2	1.1	3.7	-	9.4	9,14,22	-10.6	7.8	-	-	68	98	10	10	23	18	5	4	0	0	0	4	8	14	-	0	0.86	-	-	-	
Morley ...	99	107	5.7	0.4	3.1	-	8.9	12,19,22	-10.0	7.8	-	-	80	110	13	10	22	21	3	4	0	0	0	-	12	13	-	0	0.86	-	S		
Wingerworth ...	99	126	5.4	0.2	2.8	-	8.9	25	-12.2	7	3.4	-	91	-	11	21	23	19	8	5	0	0	0	9	13	17	-	0	-	-	-	-	
Nottingham																																	
Sutton Bonington	99	48	6.2	0.8	3.5	+0.4	10.6	12	-10.6	7	4.4	6.9	52	94	12	10	19	16	4	5	0	0	0	2	11	17	-	0	0.67	49	-	-	
Watnall ...	21-9	117	5.2	1.5	3.3	+0.1	9.3	12	-9.1	7	-	-	87	128	11	10	23	20	8	5	0	1	0	12	10	15	11	0	0.90	63	-	-	
Mansfield ...	99	110	4.9	1.1	3.0	0.0	7.8	12,22	-5.6	7.8	3.1	-	82	120	10	10	22	17	2	1	0	0	0	1	11	12	-	0	-	-	-	-	
Nottingham ¶	99	59	6.2	1.4	3.8	+0.3	10.0	12	-7.2	7	3.4	4.7	53	91	10	10	20	18	2	5	0	0	0	7	10	11	-	0	0.90	73	-	-	
Warsop ...	99	46	5.7	0.4	3.1	-	9.4	12	-12.8	7	-	-	60	122	10	10	22	19	-	5	-	-	-	6	12	16	-	-	0.55	-	-	-	
Finningley ...	21-9	10	5.5	1.5	3.5	+0.2	9.9	22	-7.9	7	-	-	67	-	9	10	24	16	5	2	0	1	0	6	9	13	9	0	1.07	-	-	-	-
Leicester																																	
Newtown Linford	99	119	5.6	0.6	3.1	-	9.4	12	-10.0	7.8	-	-	59	93	13	10	23	19	2	5	0	0	0	4	12	15	-	0	0.81	-	-	-	
Caldecott ...	99	53	6.0	0.2	3.1	-	10.6	22	-12.8	7	-	-	63	117	9	10	22	20	-	4	-	-	-	9	13	13	-	-	0.54	-	-	-	
Northampton																																	
Bugbrooke Mills	99	69	(6.4)	(0.5)	(3.5)	-	10.0	11,22	-9.4	7.8	(4.3)	(6.2)	70	127	9	10	23	16	-	1	-	-	-	3	13	-	-	-	0.86	-	-	-	
Raunds ¶	99	59	5.7	0.7	3.2	+0.3	8.9	12,15	-8.9	7	3.8	6.7	67	127	10	10	25	18	3	4	0	0	0	4	12	16	-	0	0.87	60	-	-	
Wittering ...	99	65	5.3	1.4	3.3	0.0	9.3	22	-8.6	7	-	-	54	101	8	10	23	18	4	4	0	3	0	9	9	15	13	0	0.97	-	-</		

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS JANUARY, 1970

DISTRICT, COUNTY AND PLACE			Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days										BRIGHT SUNSHINE																																	
						MEANS OF		Daily Mean (mean of A & B)	Difference from 1931-50 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1931-50 average	Most in A DAY	Precip'n	0.2 mm or more	1.0 mm or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-50 average	Exposure																													
						Max. (A)	Min. (B)			Maximum	Date	Minimum	Date																						Amount (mm.)	Date																											
																																					30 cm.	122 cm.																									
4 MIDLAND COUNTIES — contd.																																																															
Hereford																																																															
Lyonshall ...																															99	155	5.9	0.9	3.4	+0.1	9.4	21,22	-8.3	7	-	-	131	147	18	29	24	19	-	-	-	-	-	-	10	20	-	-	-	-	-	-	-
Ross-on-Wye																															21-9	68	6.9	2.3	4.6	+0.4	10.7	22	-7.7	7	4.4	6.4	147	198	32	29	22	18	2	1	0	0	0	1	9	18	13	0	1.45	84	-	-	-
Preston Wynne																															99	84	6.6	1.0	3.8	-	10.0	21,22	-8.3	7	-	-	111	174	14	29	24	20	1	2	0	1	0	3	11	19	-	0	1.18	-	-	-	
Gloucester																																																															
Filton ...																															21-9	59	7.1	2.4	4.7	+0.5	10.7	24	-7.9	5,7	-	-	98	127	14	15	21	18	2	0	1	1	0	2	10	12	11	0	0.92	-	-	-	
Hempsted ...																															99	12	7.3	1.6	4.5	-	10.6	11,14,24	-7.8	4,7,8	5.4	7.9	91	130	9	10	22	18	2	0	0	0	0	2	9	14	-	0	1.12	-	-	-	
Gloucester ...																															21-9	24	7.1	3.1	5.1	-	11.4	15	-6.7	7	-	-	80	-	8	23	20	18	3	0	0	1	0	3	7	12	11	0	1.13	-	-	-	
Cheltenham ...																															99	65	(6.8)	1.7	(4.3)	(+0.5)	10.0	9,15,24	-7.2	7	-	-	83	131	18	29	22	16	-	-	-	-	-	-	-	-	-	-	-	0.99	-	-	
Cirencester ...																															99	135	6.4	0.9	3.7	-	10.0	22	-7.2	7,8	-	-	96	113	16	29	23	17	2	4	0	0	0	8	11	14	-	0	1.07	-	-	-	
Little Rissington																															21-9	226	5.1	1.5	3.3	-	8.8	22	-5.6	5	-	-	91	120	15	29	21	19	4	4	0	2	0	13	11	13	11	0	1.28	-	-	-	
5 ENGLAND, S.E.																																																															
Greater London																																																															
Kensington Palace																															99	25	7.0	2.5	4.7	+0.3	10.0	9,11,24	-6.1	4,5	4.7	6.4	61	106	9	29	25	17	0	1	0	0	0	3	8	17	-	0	-	-	-	-	-
Hampstead ...																															99	137	(6.4)	(1.7)	(4.1)	(+1.0)	9.1	11,24	-6.0	5	-	-	68	107	12	29	23	17	2	3	0	0	0	-	9	11	-	0	(0.94)	(69)	S	-	
St. James's Park																															99	4	7.4	2.8	5.1	+0.5	10.6	11,24	-3.9	4,6,8	-	-	62	120	9	29	22	15	2	-	0	0	0	-	6	-	-	-	-	-	-	-	
London/W.Centre																															99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.11	112	-	
Greenwich ...																															99	7	7.2	(1.8)	(4.5)	-	10.6	21	-5.6	7	-	-	66	132	13	29	25	16	1	2	0	0	0	1	8	15	-	0	0.77	71	-	-	
Heathrow ...																															21-9	25	6.7	2.5	4.6	+0.8	10.2	9	-6.5	5	-	-	68	119	14	29	21	15	3	1	0	1	1	1	9	12	8	0	1.03	-	-	-	
Hampton ...																															99	12	7.3	2.2	4.7	-	10.0	9,11,24	-5.6	4,5	-	-	55	103	9	29	22	17	3	3	0	0	0	2	10	16	-	0	1.02	-	-	-	
Wealdstone ...																															-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.93	-	-	
Southgate ...																															99	67	7.0	1.7	4.3	-	12.2	15	-5.6	7	5.2	-	72	122	13	29	23	16	3	5	0	0	0	1	9	15	-	0	1.00	-	-	-	
Kew* ...																															21-9	5	6.8	1.8	4.3	-	10.2	9,11	-9.2	5	4.5	6.5	57	104	8	29	23	15	2	2	0	1	0	2	11	15	11	0	1.01	68	-	-	
																																	6.7	3.0	4.9	+0.6	10.0	15	-5.4	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Waddon ...																															99	67	-	1.9	-	-	-	-	-7.2	5	-	-	82	127	11	22	22	20	-	-	-	-	-	-	9	-	-	-	-	-	-	-	
Addington ...																															99	144	6.1	1.8	3.9	+0.5	9.4	24	-6.1	5,6	-	-	91	132	12	29	25	19	-	-	-	-	-	9	-	-	-	-	-	-	-	-	
Bromley ...																															99	65	-	(0.8)	-	-	-	-	-8.3	5,7	-	-	78	137	10	22	19	17	-	4	-	-	-	0	11	-	-	-	-	-	-	-	
Surrey																																																															
Gatwick ...																															21-9	59	6.7	1.8	4.3	+0.9	9.8	9,11	-9.1	4	-	-	97	124	12	13	22	19	3	3	0	1	0	3	10	14	10	0	1.10	-	-	-	
Witley ...																															99	35	6.9	1.9	4.4	+0.7	10.0	9,10,11	-6.7	5,7	5.1	6.9	74	120	12	29	24	17	-	2	-	-	-	1	9	19	-	-	1.02	68	-	-	
Mickleham ...																															99	55	(6.6)	(0.7)	(3.7)	-	9.4	9,11,24	-9.4	5	(4.7)	(5.8)	97	126	13	24	17	2	5	0	0	1	3	13	18	-	-	-	-	-	-	-	
Kent																																																															
Dartford ...																															99	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	0	0	0	1	-	-	-	-	-	-	-	-	
Hadlow College																															99	30	6.6	(1.4)	(4.0)	-	10.0	9,12,14	-8.3	7	5.1	6.8	68	-	9	29	19	16	2	5	0	0	0	9	9	14	-	0	0.75	-	-	-	
Gillingham ...																															99	4	6.8	1.9	4.3	-	11.1	11	-5.6	5	-	-	54	97	7	25	21	15	-	-	-	-	-	10	-	-	-	-	-	-	-	-	
Peckham ...																															21-9	29	6.3	2.2	4.3	-	10.6	11	-7.7	6	-	-	85	-	13	23	20	16	3	0	0	0	0	5	9	14	9	0	1.06	-	-	-	
Dungeness ...																															21-9	3	(7.0)	(2.8)	(4.9)	(+0.5)	9.5	11,24	-6.6	4	-	-	116	186	23	23	16	14	2	0	0	0	0	1	9	-	-	3	-	-	-	-	
Whitstable ...																															99	3	6.9	2.4	4.7	-	11.7	11	-6.1	4	-	-	70	142	12	23	19	14	2	0	0	0	0	2	9	-	-	0	0.99	-	-	-	
Folkstone ...																															99	39	6.4	2.7	4.5	-	9.4	11	-2.8	4,5	-	7.6	104	159	18	23	20	15	3	1	0	0	0	4	9	9	-	1	1.25	-	-	-	
Elmstone ...																															99	9	6.1	1.6	3.9	-	10.0	11	-6.1	4,5	-	-	76	-	17	23	21	11	-	0	-	-	-	1	10	-	-	-	-	-	-	-	
Herne Bay ...																															99	6	6.6	2.9	4.7	-	11.1	11	-3.9	4	-	-	66	127	12	23	21	13	1	0	0	0	0	3	7	-	-	0	1.07	-	-	-	
Dover ...																															99	6	6.8	3.1	4.9	+0.4	10.0	11	-3.3	4	4.9	6.3	99	140	21	23	21	15	2	0	1	0	0	3	8	8	-	0	1.35	-	-	-	
Deal ...																															21-9	5	6.4	3.2	4.8	-	10.1	12	-4.3	4	-	-	92	-	19	23	20	12	4	1	0	0	0	3	8	8	6	0	-	-	-	-	
Manston ...																															21-9	44	6.0	2.7	4.3	-	10.2	11	-4.4	6	-	-	78	154	18	25	18	13	5	1	0	2	0	5	9	8	8	0	-	-	-	-	
Margate ...																															99	16	6.7	3.3	5.0	+0.4	10.0	11,12	-2.2	4,6	4.6	6.7	77	-	17	23	19	13	2	1	0	0	0	3	6	-	-	0	(0.98)	-	S	-	
West Malling ...																															99	93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Goudhurst ...																															99	85	6.2	1.1	3.7	-	10.0	25	-8.9	4	-	-	109	125	13	23	22	17	2	5	0	1	0	4	10	13	-	0	-	-	-	-	
East Malling ...																															99	37	6.7	1.6	4.1	+0.6	10.0	9,11,24	-7.8	7	4.2	6.2	70	112	7	14	23	15	2	5	0	0	0	3	9	11	-	0	1.02	64	-	-	
Throwley ...																															99	150	5.6	(1.6)	(3.6)	-	8.9	11,24	-5.6	5,7	3.9	5.7	85	14	23	21	17	3	4	0	0	0	0	12	8	12	-	1	0.74	-	-	-	
Faversham ...																															99	48	6.4	1.7	4.1	-	10.6	11	-7.2	7	4.8	6.2	69	-	12	23	23	15	2	2	0	1	0	3	9	13	-	0	0.94	-	-	-	
Wye ...																															99	56	6.3	1.6	3.9	+0.5	10.6	11	-7.2	7	4.6	6.0	97	127	18	25	19	14	1	3	0	0	0	7	9	13	-	0	0.98	56	-	-	
Sussex																																																															

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

JANUARY,

1970

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DISTRICT, COUNTY AND PLACE	Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)			WEATHER Number of Days												BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
				MEANS OF		Daily Mean (mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1916-50 average	MOST IN A DAY		Precip'n		Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
				Max. (A)	Min. (B)			Maximum	Date	Minimum	Date	Amount (mm.)	Date			0.2 mm or more	1.0 mm or more																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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5. ENGLAND, S.E. — contd.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

JANUARY, 1970

DISTRICT, COUNTY AND PLACE	Max. Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)			WEATHER Number of Days										BRIGHT SUNSHINE								
			MEANS OF		Daily Mean (mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1916-50 average	MOST IN A DAY		Precip'n 0.2 mm or more 1.0 mm or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure				
			Max. (A)	Min. (B)			Maximum	Date	Minimum	Date					Amount (mm)	Date																		
8a. SOUTH WALES.																																		
Cardigan																																		
Aberporth ...	21-9	133	7.1	3.6	5.3	+0.2	10.8	18	-2.8	4	-	-	97	83	13	11	25	22	3	0	0	2	4	7	8	2	1.30	-	-	-	-	-		
Gogerddan ...	99	31	8.4	2.0	5.2	-	11.7	18,19,21	-6.7	5	-	-	99	97	21	15	24	21	3	0	0	0	0	9	19	-	0	1.24	-	-	-	-		
Swyddffynnon ...	99	165	7.2	1.5	4.3	-	10.6	25	-7.8	5	-	-	135	98	24	15	20	19	-	4	-	-	2	10	17	-	-	1.05	-	-	-	-		
Trawscoed ...	99	61	7.4	-	-	-	11.1	20,21	-	-	5.6	-	122	99	36	15	20	20	0	0	0	0	0	0	18	-	0	0.71	-	-	-	-		
Llety-evan-hen ...	99	290	6.3	1.7	4.0	-	10.0	21	-5.0	1	-	-	111	75	26	15	19	19	0	0	0	0	0	10	14	-	0	1.15	74	-	-	-		
Cwmystwyth ...	99	301	6.1	0.6	3.3	-	10.0	20,21	-10.0	7	-	-	139	-	19	21	21	21	-	3	-	-	-	11	13	-	-	-	-	-	-	-		
Pembroke																																		
Dale Fort ...	99	33	8.7	4.2	6.5	-	12.2	17	-1.1	1.4	6.0	-	127	-	19	29	22	17	0	0	0	0	0	4	10	-	1	1.74	-	-	-	-		
Milford Haven C.B.*	21-9	37	8.0	4.1	6.1	-	11.4	18	-3.0	4	-	-	128	-	18	11	21	17	3	0	0	0	0	1	3	10	7	4	-	-	-	-	-	
Orielton ...	99	61	(8.0)	(2.9)	(5.5)	-	11.1	18	-5.0	4	(6.0)	-	157	-	22	29	25	20	-	1	-	-	-	8	11	-	-	-	-	-	-	-		
Haverfordwest ...	99	8	8.4	1.3	4.9	-	11.7	18	-7.8	4,5,7	-	-	156	-	20	11	22	18	2	0	0	0	0	1	10	-	0	1.26	-	-	-	-	-	
Carmarthen																																		
Carmarthen ...	99	15	8.3	2.3	5.3	-	11.1	18,21	-5.0	4,7,8	5.7	-	194	-	21	21	25	21	2	4	1	1	0	2	10	12	-	5	1.25	-	-	-	-	
Brynamman ...	21-9	183	6.8	2.4	4.6	-	10.1	18	-5.9	5	-	-	256	-	44	15	23	22	3	-	0	2	0	0	9	11	-	0	-	-	-	-	-	
Radnor																																		
Cenarth Mill ...	21-9	282	5.4	0.6	3.0	-	9.2	21	-11.4	7	-	-	130	-	26	21	26	22	-	4	-	-	-	2	11	17	-	-	-	-	-	-	-	
Llandrindod Wells ...	99	235	6.0	-0.1	2.9	+0.1	10.6	21	-11.1	7	3.8	-	109	94	11	29	25	22	5	5	0	0	0	3	12	-	0	0.44	34	5	-	-	-	
Brecknock																																		
Llwynon ...	99	262	6.3	0.3	3.3	-	8.9	21	-11.1	9	-	-	282	-	53	15	26	25	2	2	0	0	0	12	10	-	0	-	-	-	-	-	-	
Glamorgan																																		
Mumbles ...	21-9	37	7.1	3.2	5.1	-	9.2	18,21	-2.8	5	-	-	-	-	-	-	-	-	2	0	2	1	0	4	6	10	9	2	-	-	-	-	-	
Penmaen ...	99	82	7.5	2.7	5.1	-	10.6	18	-4.4	2	5.3	6.1	174	-	23	15	23	20	3	0	0	0	0	4	10	12	-	0	-	-	-	-	-	
Swansea ...	99	8	8.0	3.3	5.7	+0.4	11.1	18	-2.8	1,2,5	4.3	7.1	210	175	28	15	23	20	0	1	0	0	0	1	7	-	0	1.36	78	5	-	-	-	
Port Talbot ...	99	7	8.7	3.3	6.0	-	12.2	20	-5.6	5	-	-	213	187	37	15	23	22	1	0	0	0	0	8	10	-	-	1.62	-	-	-	-	-	
Neath ...	99	62	8.4	3.2	5.8	-	11.1	18	-4.4	1,7,8	-	-	203	151	33	15	23	21	1	1	1	0	0	1	8	10	-	1	-	-	-	-	-	
Rhose ...	21-9	67	6.8	2.5	4.7	-	10.4	20	-6.3	5	-	-	106	109	26	29	20	18	2	1	0	0	0	3	9	11	12	0	1.30	73	-	-	-	
Cardiff ...	99	62	7.4	2.1	4.7	+0.3	10.6	23	-5.0	7	5.2	6.9	156	134	26	15	22	20	1	-	0	0	0	3	9	20	-	-	-	-	-	-	-	
Monmouth																																		
Tredegar ...	99	313	5.8	0.8	3.3	-	8.9	25	-9.4	7	-	-	304	166	37	15	26	25	6	6	1	0	0	12	11	-	1	-	-	-	-	-	-	
Newport ...	99	23	7.4	1.7	4.5	+0.4	11.1	22	-5.6	4,5,7	-	-	156	137	20	29	22	19	1	0	0	0	0	2	9	15	-	0	1.26	-	-	-	-	
Usk ...	99	21	7.2	1.2	4.2	-	10.0	13,14,22	-10.6	5	(4.2)	-	204	179	23	15	20	18	-	0	-	-	22	11	13	-	-	1.06	-	-	-	-	-	
Crumbland ...	99	245	5.9	1.1	3.5	-	8.9	21,24	-4.4	5	3.9	5.5	229	204	34	29	24	18	2	2	0	0	0	10	10	16	-	0	1.18	-	-	-	-	-
8b. ENGLAND, S.W.																																		
Somerset																																		
Hawkrigge ...	99	314	6.3	1.5	3.9	-	10.0	20,25	-7.8	7	-	-	188	112	17	11	27	23	5	5	0	0	0	7	9	13	-	0	1.33	-	-	-	-	-
Nettlecombe ...	99	96	8.3	1.9	5.1	-	13.3	20	-5.6	4,5,7	-	-	179	-	20	14	22	18	2	0	0	0	0	5	9	21	-	1	-	-	-	-	-	
Cannington ...	99	29	(7.9)	2.1	(5.0)	-	11.7	20	-6.1	7	5.8	-	125	168	18	29	25	19	0	-	0	0	0	4	8	13	-	0	1.44	79	-	-	-	-
Weston-super-Mare ...	99	9	7.8	2.9	5.3	+0.5	11.7	22	-5.0	4	-	-	107	139	18	15	22	19	1	0	2	0	0	1	7	15	-	0	1.38	76	-	-	-	-
Crick Malherbie ...	99	76	(8.1)	(2.0)	(5.1)	-	13.3	20	-6.7	7,8	-	-	196	-	18	29	26	19	1	-	0	0	0	4	9	13	-	0	-	-	-	-	-	
Cheddar ...	99	11	(8.3)	(2.1)	(5.2)	-	11.1	20,21,22	-7.8	5	(5.3)	-	113	-	17	29	21	19	-	1	-	-	-	8	19	-	-	-	-	-	-	-	-	
Yeovilton ...	21-9	18	8.0	1.7	4.9	-	12.1	20	-9.5	5	-	-	112	-	17	29	22	20	2	1	0	0	0	3	11	(13)	-	1	-	-	-	-	-	
Rodney Stoke ...	99	40	7.9	2.3	5.1	-	10.6	16,22,24	-6.1	7	5.2	7.3	129	-	18	31	24	19	-	3	-	-	5	8	15	-	-	-	-	-	-	-	-	
Long Ashton ...	99	49	7.9	2.0	4.9	+0.6	12.2	25	-6.1	7	4.7	-	110	125	16	15	22	19	1	0	0	0	0	1	9	15	-	0	1.46	92	-	-	-	-
West Camel ...	99	27	7.9	1.0	4.5	-	12.2	20	-10.0	7	-	-	112	-	15	15,29	25	19	2	1	0	1	0	1	10	20	-	0	-	-	-	-	-	
Wincanton ...	99	114	7.3	2.6	4.9	-	11.1	22,24	-7.2	7	-	-	131	-	17	29	26	21	3	3	0	0	0	8	7	17	-	0	-	-	-	-	-	
Bath C.B.S.** ...	99	118	7.1	1.9	4.5	-	10.6	24	-6.1	5	5.1	-	106	142	19	29	23	16	2	0	0	0	0	5	9	-	0	-	-	-	-	-	-	
Dorset																																		
Portland Bill C.G.	21-9	53	7.8	4.8	6.3	-	10.5	18	-1.6	5	-	-	114	-	23	29	20	16	0	0	0	0	0	1	5	8	7	2	1.45	-	-	-	-	
Weymouth ...	99	5	8.6	3.1	5.9	-	12.2	22	-4.4	7	-	-	141	-	28	29	22	17	1	0	0	0	0	1	8	-	0	1.28	-	-	-	-	-	
Winfrith ...	99	26	8.6	1.9	5.3	-	11.1	22	-8.9	7	-	-	182	-	36	29	20	18	-	0	-	-	-	1	10	13	-	-	-	-	-	-	-	
Shaftesbury ...	99	207	6.6	1.8	4.2	+0.8	9.4	24	-4.4	2,5	-	-	133	151	22	30	26	20	-	0	-	-	10	10	-	-	-	-	-	-	-	-	-	
Swanage ...	99	11	8.3	3.5	5.9	-	11.1	22	-3.9	6,7	-	7.8	126	143	27	29	20	19	1	-	0	0	0	1	7	9	-	3	1.12	54	-	-	-	
Poole ...	99	5	8.1	2.3	5.2	-	11.7	22	-6.7	7	5.3	7.5	153	168	43	29	22	20	0	1	0	0	0	0	8	16	-	0	1.23	59	-	-	-	-
Devon																																		
Virginstow ...	99	168	8.2	2.																														

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS JANUARY, 1970

DISTRICT, COUNTY AND PLACE	Max. Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)			WEATHER Number of Days												BRIGHT SUNSHINE					
			MEANS OF		Daily Mean (mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1916-50 average	MOST IN A DAY		Precip'n 0.2 mm or more	1.0 mm or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure		
			Max. (A)	Min. (B)			Maximum	Date	Minimum	Date					Amount (mm)	Date																	
9. NORTHERN IRELAND																																	
Londonderry																																	
Loughmore Forest	99	174	5.5	-0.1	2.7	-	10.0	20,21	-11.6	7	-	-	112	-	29	29	23	19	3	8	0	0	0	5	14	18	-	2	-	-	-	-	
Ballykelly	21-9	2	6.7	2.4	4.5	+0.1	12.2	21	-8.2	7	4.3	6.6	92	102	13	29	19	17	5	6	1	3	0	1	9	13	10	1	1.28	81	-	-	
Banagher, Caugh Hill			5.6	0.6	3.1	-	10.8	20,21	(-7.6)	7	-	-	168	-	29	17	25	21	3	8	0	0	0	5	12	16	-	5	-	-	-	-	
Derrynoyd Forest	99	88	6.1	1.0	3.5	-	10.6	21	-8.0	7	-	-	139	-	29	17	23	18	5	7	1	0	0	3	11	17	-	-	-	-	-	-	
Somerset Forest	99	43	6.6	1.3	3.9	-	11.5	20	-7.1	7	-	-	105	-	14	17	24	18	2	6	2	0	0	2	10	16	-	-	-	-	-	-	
Coleraine Univ. ...	99	23	6.7	1.3	4.0	-	11.7	21	-6.7	7	4.3	6.0	97	-	12	17	21	17	3	2	1	0	0	4	10	14	-	0	0.82	-	-	-	
Garvagh Forest	99	88	5.9	1.1	3.5	-	10.6	21	-7.8	7	4.5	7.1	143	-	26	17	26	20	4	8	3	0	0	2	11	16	-	-	-	-	-	-	
Moneydig	21-9	34	5.8	1.8	3.8	+0.1	11.2	18	-8.1	7	4.4	-	112	105	14	17	23	20	5	7	1	3	0	5	9	16	11	0	-	-	-	-	
Antrim																																	
Portrush Golf Club	99	9																															
Ballymoney	99	55	6.6	0.3	3.5	-	11.1	21	-7.9	7	-	-	105	-	12	17	25	17	4	-	0	0	0	0	11	-	-	-	-	-	-	-	-
Lisnafillan	99	38	6.6	0.2	3.4	-	11.1	18,21	-11.1	7	-	-	100	-	16	17	24	18	3	7	0	0	0	8	11	15	-	-	0.65	-	-	-	
Aldergrove	21-9	69	6.0	1.9	3.9	+0.2	11.9	21	-8.4	7	4.5	6.8	76	79	12	17	23	16	5	6	0	0	0	2	8	11	10	0	1.04	71	-	-	
Greenmount	99	32	6.6	0.7	3.7	-	11.7	21	-9.4	7	4.2	-	72	-	11	17	23	16	2	7	0	0	0	-	11	14	-	-	-	-	-	-	
Altnahinch	99	226	5.2	1.1	3.1	-	9.4	20,21	-5.6	4,5,7	-	-	102	-	17	17	27	24	6	7	1	0	0	4	8	14	-	10	0.85	-	-	-	
Parkmore Forest	99	235	5.3	1.1	3.2	-	9.4	21	-6.7	7	3.9	-	142	88	16	14	25	23	4	7	0	0	0	9	9	15	-	2	-	-	-	-	
Black Mountain	21-9	295																															
Lowtown	99	271	4.9	0.8	2.9	-	8.9	21	-6.1	7	3.8	-	139	-	19	17	28	21	4	7	0	0	0	9	11	16	-	2	0.81	-	-	-	
Ballypatrick Forest	99	152	6.4	1.8	4.1	-	10.6	21	-5.0	7	-	-	173	138	22	17	27	24	3	6	2	0	0	0	9	13	-	8	1.12	67	-	-	
Belfast, Malone*	99	35	6.7	1.4	4.1	-	11.1	21	-3.9	5	4.1	-	103	-	18	17	24	14	1	-	0	0	0	3	10	18	-	-	1.02	-	-	-	
Newtownabbey	99	32	7.2	2.2	4.7	-	12.2	21	-5.0	7	4.7	-	90	-	13	17	20	13	6	0	0	0	0	2	7	17	-	0	0.96	-	-	-	
Woodburn, North	99	217	5.3	0.5	2.9	-	10.0	21	-6.7	7	-	-	138	105	19	14	28	24	4	7	0	0	0	13	12	17	-	-	-	-	-	-	
Larne	99	43	7.2	1.7	4.5	-	11.4	21	-5.4	7	-	-	157	136	19	31	23	20	3	5	0	0	0	0	10	-	-	-	-	-	-	-	
Kilroot	99	22	6.9	1.3	4.1	-	10.6	18,20,21	-6.1	7	-	-	97	-	16	11	18	15	2	5	0	0	0	0	11	17	-	-	-	-	-	-	
Ballylumford	99	24	7.1	2.1	4.6	-	10.6	18,21	-5.6	7	-	-	151	-	25	17	23	19	0	-	0	0	0	-	7	12	-	-	-	-	-	-	
Down																																	
Hillsborough	99	116	6.2	1.4	3.8	+0.1	12.8	21	-6.1	7,8	4.7	6.3	103	109	15	15	20	15	3	6	0	0	0	5	11	16	-	1	0.97	63	-	-	
Kilkeel	21-9	18	7.1	3.5	5.3	+0.3	10.1	18	-4.7	7	-	-	101	-	25	17	22	14	5	0	0	0	0	0	6	11	9	1	1.68	-	-	-	
Tollymore Park	99	76	6.9	2.1	4.5	-	11.1	21	-3.9	7	-	-	289	198	64	17	24	16	3	6	0	0	0	1	9	12	-	-	-	-	-	-	
Rosetta	99	24	6.9	1.7	4.3	-	11.7	21	-4.4	7	-	-	107	-	20	17	22	17	4	6	0	0	0	2	8	-	-	-	-	-	-	-	
Murlough	99	9	7.2	0.8	4.0	-	11.1	18	-10.0	7	4.5	5.9	136	-	28	17	19	15	2	5	1	0	0	0	12	18	-	4	1.50	-	-	-	
Stormont Castle	99	56	6.7	1.8	4.3	-	11.1	17,18	-3.9	5,7	4.2	5.9	126	124	22	17	25	16	3	6	1	0	0	11	7	14	-	3	1.08	-	-	-	
Downpatrick	99	21	7.2	1.9	4.5	-	11.1	18	-6.1	7	-	-	122	-	22	17	21	14	-	-	-	-	0	8	13	-	-	-	-	-	-	-	
Creighton's Green	99	119	5.9	1.9	3.9	-	10.0	21	-2.8	5,6,7	-	-	138	-	27	17	24	15	5	6	0	0	0	1	7	14	-	0	-	-	-	-	
Reagh Island**	99	12	7.0	2.3	4.7	-	11.1	18	-4.4	8	-	-	126	-	23	17	19	14	-	-	-	-	0	5	13	-	-	-	1.24	-	-	-	
Helen's Bay	99	43	6.4	2.4	4.4	-	10.6	18,21	-3.9	7	-	-	112	-	16	11	22	16	3	6	0	1	0	1	5	16	-	1	1.11	-	-	-	
Killough	21-9	15	7.0	3.2	5.1	-	10.1	18	-4.8	7	-	-	101	-	17	17	22	14	2	2	0	0	0	1	6	9	-	11	-	-	-	-	
Ballyhalbert	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.15	-	-	-	
Armagh																																	
Armagh	99	62	6.6	0.9	3.7	-0.4	11.1	21	-8.3	7,8	4.6	6.3	76	92	10	17	20	15	2	7	0	0	0	5	11	18	-	1	0.80	51	-	-	
Loughgall	99	25	6.9	0.6	3.7	-	11.7	21	-10.6	7,8	-	-	71	93	11	13	18	16	3	6	0	0	0	4	10	21	-	1	1.03	-	-	-	
Bessbrook	-	76	-	-	-	-	-	-	-	-	-	-	109	104	23	24	22	15	-	-	-	-	-	-	-	-	-	-	1.18	69	-	-	
Portadown	99	16	6.9	1.0	3.9	-	11.7	21	-8.3	7,8	4.6	6.9	79	-	13	15	20	15	1	-	0	0	0	-	10	14	-	-	-	-	-	-	
Lurgan	99	55	6.7	0.7	3.7	-	11.7	21	-8.9	7	4.1	6.5	74	-	15	15	20	13	-	-	-	-	-	-	10	16	-	-	0.78	-	-	-	
Tyrone																																	
Lough Bradan	99	169	5.7	0.3	3.0	-	10.0	18,20,21	-7.8	7	-	-	83	-	17	24	22	16	-	5	-	-	-	5	11	18	-	-	0.84	-	-	-	
Baronscourt Forest	99	88	6.6	0.8	3.7	-	10.8	18,20,21	-10.5	7	-	-	90	-	17	17	21	13	4	7	0	0	0	0	11	21	-	-	-	-	-	-	
Strabane Convent	99	44	6.9	1.3	4.1	-	11.2	20	-8.9	7	-	-	79	-	12	24	25	17	4	7	0	0	0	5	10	16	-	2	0.90	-	-	-	
Carrigans	21-9	113	6.0	1.7	3.9	-	11.4	21	-9.1	7	-	-	90	-	16	24	26	17	6	7	0	0	0	4	9	11	10	0	-	-	-	-	
Lislap Forest	99	209	5.6	-0.3	2.7	-	10.6	18	-8.9	7	3.9	-	113	83	21	24	24	18	3	7	0	0	0	4	12	18	-	2	-	-	-	-	
Knockmany Forest	99	73	6.7	-1.2	2.7	-	11.5	21	-11.6	7,8	-	-	100	96	21	17	22	15	5	7	0	0	0	8	16	20	-	-	-	-	-	-	
Pomeroy Forest	99	165	5.6	0.3	2.9	-	10.6	18	-7.8	7	4.0	-	109	-	20	24	21	17	3	7	0	0	0	11	12	17	-	1	-	-	-	-	
Cookstown	99	77	6.3	-1.5	2.4	-	11.1	20,21	-9.4	7,8	4.1	-	97	96	17	24	23	17	6	-	0	0	0	7	12	17	-	-	0.98	-	-	-	
Fermanagh																																	
Roscor	99	143	6.8	1.8	4.1	-	10.7	21	-4.5	7	-	-	89	75	14	24	26	18	4	6	0	0	0	4	10</								

*See Notes on Tables in the Introduction.

Height of Barometer above M.S.L. in metres	Hour of Observation (GMT)	MEAN PRESSURE IN mbs		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktaa)							VISIBILITY (Metres and Kilometres)										WIND SPEED AND DIRECTION																				
		At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	MEAN	0	1-2	3-5	6-7	8	9	0-10 m.	10-19 m.	20-30 m.	40-50 m.	100-190 m.	200-300 m.	400-550 m.	1000-1900 m.	2000-3000 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.					
																												8 or more	6, 7	4, 5	1-3	Calms													
																																									SPEED IN KNOTS				
																																									34 or more	22-33	14-21	1-10	0
Number of Observations																																													
3.	ENGLAND, E. - contd.																																												
Honnington [Suffolk]																																													
51	3	1006.7	-	2.9	0.3	7.3	93	6.8	3	1	1	3	20	3	0	1	2	0	5	9	12	2	0	0	0	0	9	20	2	4	2	2	10	6	2	2	1								
	9	1007.1	-7.1	2.7	0.4	7.1	93	7.0	1	2	0	10	16	2	0	1	1	2	7	11	6	2	1	0	0	0	8	23	0	2	4	4	11	2	3	4	1								
	15	1006.5	-	4.5	0.8	7.6	-	6.7	0	3	1	12	15	0	0	0	0	0	2	7	18	4	0	0	0	0	12	18	1	1	1	4	10	6	0	7	1								
	21	1007.0	-	3.3	0.5	7.3	91	6.6	3	2	0	20	1	0	0	4	0	0	2	3	7	12	3	0	0	0	11	19	1	2	0	4	12	4	3	5	0								
Wattisham [Suffolk]																																													
91	3	1006.7	-	2.8	0.3	7.3	95	6.7	4	0	1	5	19	2	0	2	3	3	3	11	6	3	0	0	0	0	10	19	2	4	3	0	9	8	1	2	2								
	9	1007.2	-	2.6	0.3	7.2	95	7.0	1	2	1	6	15	6	0	5	2	1	3	11	4	3	2	0	0	0	8	23	0	3	3	1	12	3	3	3	3								
	15	1006.6	-	4.2	0.6	7.7	91	6.9	1	2	0	11	16	1	0	1	0	4	1	4	18	2	1	0	0	1	13	17	0	2	1	4	10	6	2	2	4								
	21	1007.2	-	3.1	0.3	7.4	94	6.4	2	2	4	4	16	3	0	2	2	3	3	7	13	1	0	0	0	0	12	19	0	3	0	5	11	4	3	5	0								
Aldeburgh [Suffolk]																																													
9	3	1006.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
	9	1007.3	-	-	-	-	-	6.9	2	2	1	0	23	3	0	4	1	1	1	6	15	3	0	0	0	2	7	20	2	2	4	2	7	5	1	5	3								
	15	1007.0	-	-	-	-	-	7.0	1	2	0	6	22	0	0	1	0	1	2	2	23	2	0	0	1	2	9	17	2	1	2	3	6	10	1	3	3								
	21	1007.9	-	-	-	-	-	5.5	6	2	3	1	18	1	0	0	0	1	3	1	19	7	0	0	0	3	7	19	2	2	1	1	0	7	1	6	1								
Wyton [Hunts]																																													
43	3	1006.5	-	3.5	0.3	7.6	93	6.5	3	1	3	0	23	1	0	1	2	3	4	5	13	3	0	0	0	0	7	22	2	3	3	4	8	4	3	2	2								
	9	1006.7	-	3.1	0.4	7.4	94	6.8	1	3	1	7	15	4	0	2	2	2	4	9	8	4	0	0	0	0	7	22	2	2	3	3	11	1	3	4	2								
	15	1006.1	-	5.1	0.9	7.8	86	6.4	1	4	1	10	15	0	0	0	0	1	2	10	14	4	0	0	0	0	9	22	0	1	2	3	15	1	3	5	1								
	21	1006.6	-	3.9	0.4	7.7	93	6.5	3	0	4	3	20	1	0	1	0	2	1	12	12	3	0	0	0	0	9	20	2	1	1	7	9	4	3	3	1								
Cardington [Bedford]																																													
29	3	1006.3	-	3.3	0.3	7.6	95	6.3	4	2	0	7	17	1	0	1	1	1	5	3	14	6	0	0	0	0	4	26	1	2	3	2	10	3	4	5	1								
	9	1006.5	-8.0	3.2	0.3	7.5	95	6.9	1	2	1	6	19	2	0	2	1	0	7	7	10	3	1	0	0	0	8	23	0	3	3	3	8	6	2	6	0								
	15	1005.9	-	5.1	0.7	8.0	88	6.6	0	3	3	10	15	0	0	0	0	0	2	7	15	7	0	0	0	0	6	25	0	3	0	3	10	7	1	6	1								
	21	1006.4	-	3.8	0.3	7.8	95	5.9	5	2	2	5	17	0	0	2	0	0	6	5	16	2	0	0	0	0	5	25	1	1	2	3	11	4	5	4	0								
Stansted [Essex]																																													
102	3	1006.6	-	3.0	0.2	7.5	96	6.7	4	0	1	2	19	5	0	2	1	4	2	8	10	4	0	0	0	0	8	17	6	1	2	2	8	5	4	3	0								
	9	1007.0	-8.0	2.7	0.2	7.3	95	6.9	1	2	3	4	17	4	0	2	1	7	5	6	7	2	1	0	0	0	8	18	5	2	2	4	10	2	3	2	1								
	15	1006.3	-	4.6	0.6	7.8	89	6.7	1	2	2	9	16	1	0	0	2	3	2	6	12	5	1	0	0	1	10	16	4	2	0	2	12	4	1	3	3								
	21	1006.9	-	3.4	0.3	7.6	94	6.7	3	1	1	4	19	3	0	1	2	0	6	8	8	6	0	0	0	0	8	17	6	2	0	4	12	3	1	2	1								
Shoeburyness [Essex]																																													
5	9	1006.9	-8.2	3.6	0.5	7.5	92	6.7	1	3	1	9	15	2	0	3	0	0	6	8	11	1	1	1	0	1	10	18	2	3	2	2	8	5	1	4	4								
	15	1006.4	-	5.0	0.8	7.8	88	6.9	0	3	0	14	14	0	0	1	0	0	3	9	11	5	1	1	0	1	13	15	2	2	0	2	9	9	0	4	3								
	21	1007.1	-	4.1	0.6	7.6	90	6.3	3	2	2	7	17	0	0	0	1	1	3	6	14	2	4	0	0	1	14	14	2	3	0	1	8	9	2	6	0								
Walton-on-Naze [Essex]																																													
8	3	1007.1	-	3.4	0.3	7.5	94	6.2	4	2	1	5	18	1	0	2	0	2	1	3	19	4	0	0	0	2	8	18	3	3	2	1	3	9	3	4	3								
	9	1007.5	-	3.1	0.3	7.3	94	7.0	1	3	0	5	19	3	0	4	0	0	4	7	12	4	0	0	0	3	5	20	3	4	1	1	6	6	3	2	5								
	15	1007.1	-	4.0	0.5	7.6	92	6.5	1	3	1	11	15	0	0	1	0	0	6	9	10	5	0	0	0	1	8	17	5	1	2	0	7	9	3	1	3								
	21	1007.4	-	3.7	0.5	7.4	92	6.5	1	0	8	5	17	0	0	0	0	0	3	8	18	2	0	0	0	2	10	13	6	2	0	0	5	11	2	5	0								
4.	MIDLAND COUNTIES																																												
Huddersfield Oakes [Yorks, W.R.]																																													
235	3	1005.4	-	2.1	0.3	6.9	94	6.7	3	0	3	3	19	3	0	4	4	3	0	4	11	1	4	0	0	0	4	26	1	2	1	3	9	6	0	6	3								
	9	1005.9	-7.1	1.8	0.2	6.8	94	6.3	3	0	5	6	11	6	2	5	1	2	1	3	4	3	10	0	0	0	4	21	6	1	4	3	5	5	1	3	3								
	15	1005.4	-	3.3	0.5	7.2	91	6.9	1	0	4	8	14	4	3	4	0	0	2	5	12	4	1	0	0	0	3	23	5	1	3	3	4	4	2	7	2								
	21	1005.6	-	2.3	0.3	7.0	94	6.2	3	1	5	2	16	4	1	4	2	1	1	5	11	3	3	0	0	0	3	26	2	1	5	4	5	6	1	5	2								
Watnall [Nottingham]																																													
119	3	1006.0	-	2.9	0.3	7.3	94	6.6	4	1	0	5	16	5	1	3	1	2	1	4	15	4	0	0	0	0	6	19	6	2	3	5	4	4	4	1	2								
	9	1006.3	-7.4	2.6	0.3	7.2	95	6.8	1	3	0	9	13	5	1	3	2	6	7	4	8	0	0	0	0	0	8	20	3	0	3	9	3	5	3	5	0								
	15	1005.6	-	4.4	0.6	7.7	90	6.6	0	3	2	10	14	2	0	2	0	4	4	10	11	0	0	0	0	0	10	18	3	1	3	6	4	5	2	6	1								
	21	1005.9	-	3.4	0.3	7.6	95	6.5	3	2	1	5	18	2	0	2	1	2	10	5	11	0	0	0	0	0	8	23	0	1	2	7	7	3	4	5	2								
Finningley [Nottingham]																																													
14	3	1005.8	-	3.1	0.3	7.3	93	6.6	4	0	2	4	18	3	0	3	0	2	1	5	14	4	1	1	0	0	5	23	3	3	1	2	5	10	2	3	2								
	9	1006.1	-7.0	2.8	0.3	7.2	94	6.5	2	3	1	7	16	2	0	4	1	1	2	12	10	1	0	0	0	0	7	20	4	0	0	4	8	7	1	3	4								
	15	1005.5	-	4.8	0.7	7.8	88	6.1	3	3	3	6	13	3	0	1	1	2	4	6	12	4	1	0	0	0	10	18	3	1	0	1	10	8	1	2	5								
	21	1005.9	-	3.5	0.4	7.5	94	6.3	5	1	0	5	17	3	0	1	2	1	5	8	11	3	0	0	0	0	9	18	4	2	0	2	9	8	1	3	2								
Wittering [Northampton]																																													
67	3	1006.3	-	3.2	0.4	7.4	93	6.8	3	1	1	4	18	4	0	3	4	0	1	12	10	0	1	0	0	0	9	21	1	4	1	3	10	4	2	4	2								
	9	1006.6	-7.4	2.6	0.4	7.1	93	6.6	1	3	2	8	10	7	0	6	2	1	2	8	7	5	0	0	0	0	10	21	0	1	4	4	10	4	1	5	2								
	15	1006.0	-	4.7	0.8	7.6	87	6.6	1	3	3	7	13	4	0	3	0	2	4	6	11	5	0	0	0	0	13	18	0	2	1	6	9	5	2	6	0								
	21	1																																											

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS JANUARY, 1970

Height of Barometer above M.S.L. in metres	Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Metres and Kilometres)										WIND SPEED AND DIRECTION														
		At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	MEAN	0	1-2	3-5	6-7	8	9	0-39 m.	40-190 m.	200-390 m.	400-590 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
																									SPEED IN KNOTS												
																									8 or more	6-7	4-5	1-3	Calm								
																									22-33	11-21	1-10	0									
Number of Observations																																					
4. MIDLAND COUNTIES - contd.																																					
Little Rissington [Gloucester]																																					
229	3	1005.8	-	3.1	0.4	7.3	93	6.5	4	1	1	4	17	4	0	4	3	1	2	4	9	5	1	2	0	0	13	18	0	3	2	3	8	5	4	4	2
	9	1006.1	-8.3	2.8	0.5	7.2	93	6.7	1	2	2	8	11	7	0	9	2	2	0	3	6	3	3	3	0	0	12	19	0	1	4	3	8	6	3	3	
	15	1005.2	-	4.2	0.6	7.6	89	6.9	0	4	0	7	15	5	0	6	0	1	1	2	13	6	0	2	0	0	18	13	0	2	1	5	4	10	3	3	
	21	1005.9	-	3.4	0.3	7.6	94	6.5	4	1	2	3	20	1	0	2	1	1	7	2	13	2	3	0	0	1	12	18	0	1	2	3	5	8	6	3	
5. ENGLAND, S.E.																																					
Heathrow [Greater London]																																					
26	3	1006.1	-	4.1	0.5	7.7	92	6.4	4	1	1	6	18	1	1	0	0	0	3	7	12	6	2	0	0	0	11	20	0	2	1	5	8	4	2	7	
	9	1006.5	-8.5	4.2	0.4	7.9	92	6.7	0	4	0	12	14	1	1	0	0	0	4	10	12	2	2	0	0	0	9	21	1	3	3	4	8	4	3	4	
	15	1005.8	-	5.9	0.9	8.2	85	6.6	1	3	0	12	15	0	0	0	0	0	1	6	16	7	1	0	0	0	11	20	0	2	0	5	7	9	1	5	
	21	1006.4	-	4.8	0.5	8.1	91	6.4	3	1	2	9	15	1	0	2	0	0	2	7	14	6	0	0	0	0	7	20	4	2	0	7	8	5	1	2	
Kew [Greater London]																																					
10	9	1006.8	-8.3	4.1	0.5	7.8	91	6.7	1	3	1	8	17	1	0	2	0	0	7	2	16	4	0	0	0	0	8	21	2	3	3	6	7	5	2	0	
	15	1006.2	-	6.1	1.2	8.1	83	6.6	0	4	2	10	15	0	0	0	0	0	4	2	22	2	1	0	0	0	11	17	3	1	1	3	7	9	2	4	
	21	1006.7	-	4.6	0.7	7.9	90	6.3	3	0	4	8	14	2	1	1	1	0	3	7	15	3	0	0	0	0	3	24	4	1	1	3	6	11	2	3	
Gatwick [Sussex]																																					
59	3	1006.4	-	3.7	0.4	7.6	92	6.6	4	0	1	7	17	2	1	0	1	0	4	3	12	10	0	0	0	0	2	25	4	2	3	4	5	5	4	3	
	9	1006.7	-	3.6	0.4	7.7	93	6.8	1	3	0	8	17	2	0	1	1	4	9	12	2	1	0	0	0	4	22	5	1	2	5	7	7	1	2		
	15	1006.0	-	5.9	0.9	8.3	86	6.9	1	2	1	8	19	0	0	0	0	0	9	16	5	1	0	0	0	8	23	0	5	1	2	6	13	0	2		
	21	1006.7	-	4.3	0.4	8.0	92	6.6	3	0	3	7	15	3	0	1	0	3	1	8	14	4	0	0	0	0	6	21	4	1	2	2	8	7	5	1	
Dungeness [Kent]																																					
7	3	1006.7	-	5.0	0.4	8.4	93	6.4	5	0	0	7	18	1	0	0	0	1	0	2	14	9	5	0	0	7	12	11	1	5	0	1	1	16	1	6	
	9	1006.9	-	4.5	0.3	8.2	94	6.5	1	2	4	4	19	1	0	0	0	1	0	0	16	7	7	0	0	6	7	18	0	6	1	1	2	14	2	5	
	15	1006.7	-	5.9	0.6	8.6	90	6.7	1	1	3	7	19	0	0	0	0	0	2	10	14	5	0	0	0	8	11	12	0	8	0	2	0	15	0	6	
	21	1007.3	-	5.2	0.5	8.4	93	5.8	5	3	1	4	18	0	0	0	0	0	0	1	14	12	4	0	0	6	12	11	2	4	0	1	2	18	0	4	
Deal [Kent]																																					
10	3	1007.2	-	4.5	0.4	8.0	92	6.0	5	2	1	4	19	0	0	0	1	0	2	15	11	2	0	0	0	2	11	15	3	3	0	0	4	10	3	4	
	9	1007.5	-	4.3	0.4	7.9	93	6.8	1	3	1	4	20	2	0	1	1	1	7	4	13	2	2	0	0	1	6	22	2	1	1	1	4	11	0	5	
	15	1007.1	-	5.4	0.7	8.1	88	6.9	1	1	2	10	15	2	0	0	0	2	3	7	14	3	2	0	0	2	8	17	4	3	2	0	6	9	2	1	
	21	1007.9	-	4.9	0.6	8.0	89	5.8	4	3	2	5	17	0	0	0	0	0	0	5	12	14	0	0	0	3	13	13	2	3	0	0	4	14	4	3	
Manston [Kent]																																					
15	3	1006.8	-	4.0	0.4	7.8	93	6.4	3	1	3	5	18	1	0	1	0	0	2	1	17	8	2	0	0	1	14	13	3	4	1	0	9	7	2	4	
	9	1007.2	-	3.9	0.3	7.8	94	6.7	1	3	1	6	17	3	1	2	0	2	3	9	8	3	2	1	0	0	13	18	0	4	0	2	5	11	1	3	
	15	1006.7	-	5.1	0.7	8.0	89	6.9	0	2	2	10	15	2	0	0	2	1	0	4	18	5	0	1	0	0	14	15	2	4	1	3	5	8	2	2	
	21	1007.5	-	4.1	0.5	7.7	91	6.3	2	1	5	8	15	0	0	0	0	1	2	3	14	9	2	0	0	1	15	14	1	2	1	0	8	11	3	4	
Thorney Island [Sussex]																																					
4	3	1006.5	-	4.5	0.5	8.0	92	6.2	4	2	0	7	17	1	0	1	0	2	0	3	8	16	1	0	0	0	9	21	1	3	2	5	8	4	0	7	
	9	1006.6	-9.0	4.6	0.4	8.2	93	6.5	0	5	1	10	15	0	0	0	2	0	1	5	15	6	2	0	0	0	11	19	1	2	2	6	8	4	1	5	
	15	1006.0	-	6.2	0.8	8.5	87	6.9	1	2	0	13	14	1	0	0	0	1	0	1	20	7	2	0	0	1	11	19	0	4	1	5	6	10	2	2	
	21	1006.7	-	5.0	0.5	8.3	92	6.1	3	4	0	7	17	0	0	0	0	3	3	5	9	10	1	0	0	0	15	15	1	4	1	4	0	5	0	5	
Eastbourne C.G. [Sussex]																																					
7	9	1006.6	-8.9	4.7	0.5	8.1	91	6.8	1	2	1	9	18	0	0	0	0	2	2	22	5	0	0	2	1	8	18	2	6	2	2	2	10	1	5		
	15	1006.9	-	5.3	0.6	8.3	90	6.1	6	0	0	7	18	0	0	0	0	1	0	1	17	12	0	0	2	4	10	6	9	4	0	0	2	13	0	3	
	21	1006.9	-	5.3	0.6	8.3	90	6.1	6	0	0	7	18	0	0	0	0	1	0	1	17	12	0	0	2	4	10	6	9	4	0	0	2	13	0	3	
Abingdon [Berkshire]																																					
71	3	1005.8	-	3.6	0.4	7.6	92	6.6	3	1	1	5	19	2	0	2	0	2	2	3	12	8	2	0	0	0	7	23	1	0	4	5	8	4	3	3	
	9	1006.1	-8.8	3.2	0.3	7.5	93	6.6	2	2	6	18	1	0	1	0	2	6	10	7	4	1	0	0	0	8	22	1	5	1	6	10	4	0	4		
	15	1005.3	-	5.5	0.8	8.1	87	6.7	0	3	1	12	15	0	0	0	0	5	6	14	4	2	0	0	0	9	21	1	3	1	3	8	8	0	5		
	21	1006.0	-	4.1	0.4	7.8	92	6.5	3	1	2	8	16	1	0	2	0	0	3	7	14	5	0	0	0	0	7	23	1	3	1	4	9	6	2	3	
Hurn [Hampshire]																																					
14	3	1005.6	-	4.5	0.6	7.9	90	6.0	5	1	1	8	14	2	0	2	0	0	2	6	9	12	0	0	0	0	7	20	4	3	1	3	7	6	3	4	
	9	1005.6	-9.6	4.4	0.5	7.9	91	6.7	0	2	4	7	17	1	0	0	1	1	2	8	13	5	1	0	0	0	6	22	3	4	2	4	7	6	2	2	
	15	1004.9	-	6.9	1.1	8.6	84	6.6	2	1	0	14	14	0	0	0	0	0	1	7	11	9	3	0	0	0	9	21	1	4	1	3	6	10	2	3	
	21	1005.8	-	5.1	0.7	8.1	89	5.0	7	1	6	5	11	1	0	0	2	0	0	6	12	9	2	0	0	0	6	22	3	3	1	1	5	11	2	5	
S. Farnborough [Hampshire]																																					
70	3	1006.4	-	3.7	0.4	7.7	92	6.0	6	1	0	7	16	1	0	1	0	1	1	4	15	8	1	0	0	0	6	24	1	2	1	4	9	5	2	5	
	9	1006.7	-8.5	3.4	0.4	7.8	93	6.7	1	1	3	10	15	1	0	1	1	1	1	9	10	5	1	2	0	0	7	20	4	1	2	5	10	3	0	3	
	15	1006.0	-	5.9	0.8	8.4	87	6.7	0	3	1	12	15	0	0	0	0	0	0	3	15	9	3	1	0	0	8	22	1	3	0	4	11	6	0	4	
Lynham [Wiltshire]																																					
149	3	1005.6	-	3.5	0.4	7.5	93	6.5	4	0	2	8	17	0	0	1	1	0	5	4	12	5	2	1	0	0	9	20	2	0	4	2	7	8	4	1	
	9	1005.7	-9.2	3.5	0.3	7.6	93	6.9	0	3	1	8	18	1	0	1	1	1	3	7	12	3	2	1	0	0	13	15	3	2	2	4	6	9	2	2	
	15	1004.9	-	5.3	0.7																																

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS

JANUARY,

1970

Height of Barometer above M.S.L. in metres	Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Metres and Kilometres)										WIND SPEED AND DIRECTION															
		At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	Mean	0	1-2	3-5	6-7	8	9	0-39 m.	40-190 m.	200-390 m.	400-990 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	
																									8 or more	6-7	4-5	1-3	Calms									
																																						SPEED IN KNOTS
34 or more	22-33	11-21	1-10	0	Number of Observations																																	
7a ENGLAND, N.W.																																						
Ringway [Cheshire]																																						
84	3	1005.2	-	3.7	0.8	7.1	86	6.5	3	2	1	6	16	3	0	1	0	1	3	8	8	9	1	0	0	0	10	16	5	2	3	2	10	6	1	2	0	
	9	1005.5	-7.6	3.3	0.7	6.9	87	6.3	0	1	7	16	6	1	0	1	0	0	1	10	18	1	0	0	0	0	12	17	2	0	3	7	6	9	2	1		
	15	1004.7	-	5.3	1.2	7.4	81	6.8	0	3	1	11	16	0	0	0	0	1	0	13	15	2	0	0	0	1	14	14	2	0	2	6	8	6	3	2		
	21	1005.1	-	4.2	0.8	7.4	87	6.8	1	1	3	6	20	0	0	0	0	2	4	10	15	0	0	0	0	0	14	12	5	0	2	3	13	6	0	2		
7b NORTH WALES																																						
Valley [Anglesey]																																						
11	3	1003.1	-	5.0	0.7	7.8	88	5.8	1	3	10	2	14	1	0	0	0	1	1	0	10	8	10	1	0	4	8	15	4	2	2	9	3	6	2	0		
	9	1003.1	-9.2	5.0	0.8	7.7	86	6.5	0	0	6	17	8	0	0	0	0	0	1	1	8	7	9	5	2	0	13	12	4	2	1	8	3	9	1	1		
	15	1002.4	-	6.8	1.1	8.4	83	6.5	0	3	4	11	13	0	0	0	0	1	3	5	12	9	1	0	1	18	8	4	1	2	6	5	8	0	3			
	21	1002.7	-	5.5	0.6	8.3	90	6.4	0	4	3	7	17	0	0	0	0	1	0	16	7	6	1	0	8	11	10	2	0	2	6	5	9	1	2			
8a SOUTH WALES																																						
Mumbles [Glamorgan]																																						
37	3	1003.6	-	5.2	0.5	8.3	92	6.2	3	1	5	7	15	0	0	0	0	0	1	13	10	6	1	1	5	12	12	1	2	1	15	1	2	3	4			
	9	1003.6	-	5.1	0.5	8.2	90	6.5	0	2	6	7	15	1	0	0	0	4	0	2	17	5	3	0	1	5	10	14	1	3	1	15	0	4	1			
	15	1002.9	-	6.3	0.8	8.5	87	6.4	0	2	7	5	16	1	0	0	1	0	5	16	5	4	0	0	5	11	13	2	0	0	11	2	6	1				
	21	1003.8	-	5.6	0.7	8.2	89	6.1	1	2	7	7	14	0	0	0	0	1	0	14	11	4	1	0	8	6	14	3	2	1	12	0	2	3				
8a Aberporth [Cardigan]																																						
134	3	1003.1	-	4.8	0.6	8.0	91	5.6	4	5	1	5	16	0	0	0	0	0	1	15	11	2	2	0	2	20	8	1	1	2	2	3	16	3	0			
	9	1002.9	-10.8	4.9	0.7	7.9	89	6.5	0	3	4	12	11	1	0	1	0	1	0	3	11	9	3	3	0	3	17	10	1	2	3	2	7	10	4			
	15	1002.1	-	6.2	1.0	8.2	85	6.6	0	1	5	12	12	1	0	1	0	0	1	9	13	3	4	0	4	15	12	0	3	3	1	4	12	2				
	21	1003.0	-	5.4	0.7	8.2	90	6.5	1	3	2	9	16	0	0	0	0	0	3	12	14	1	1	1	2	16	11	1	1	3	1	4	11	4				
Milford Haven C.B. [Pembroke]																																						
39	3	1003.5	-	6.0	0.7	8.5	89	5.8	4	0	6	6	15	0	0	0	1	1	0	18	9	2	0	0	1	12	16	2	3	3	9	6	4	1				
	9	1002.8	-11.3	6.0	0.6	8.6	90	6.6	1	0	6	6	17	1	0	0	1	0	3	21	6	0	0	0	2	13	13	3	2	2	8	6	3	0				
	15	1002.4	-	7.4	1.0	9.0	86	6.3	0	5	3	7	15	1	0	0	1	0	0	23	5	2	0	0	3	12	16	0	1	1	7	7	5	2				
	21	1003.2	-	6.7	0.7	8.8	89	5.8	3	3	4	8	13	0	0	0	0	0	0	19	9	3	0	0	3	12	13	3	2	1	5	10	1					
Brynamman [Carmarthen]																																						
9	-	-	-	4.0	0.4	7.8	92	6.8	1	2	2	13	12	1	0	0	2	1	7	6	9	2	4	0	0	0	2	26	3	2	3	5	8	5	1			
	15	-	-	5.9	0.7	8.4	88	6.4	0	1	8	9	13	0	0	0	0	5	6	11	6	3	0	0	0	5	24	2	0	0	4	7	6	3				
	21	-	-	4.4	0.4	8.0	93	6.5	2	3	1	8	15	2	0	0	1	0	3	3	17	7	0	0	0	6	18	7	1	1	3	9	3	2				
Rhoose [Glamorgan]																																						
69	3	1004.4	-	4.2	0.4	7.9	93	6.2	2	3	3	6	15	2	0	0	1	2	1	2	11	12	2	0	1	9	20	1	0	4	8	8	1					
	9	1004.4	-10.5	4.1	0.4	7.9	92	6.6	1	2	2	10	13	3	0	0	3	0	2	8	10	5	3	0	1	12	16	2	0	4	8	10	2					
	15	1003.7	-	5.9	0.7	8.4	88	6.5	0	4	1	11	14	1	0	1	0	1	0	7	11	9	1	1	0	1	16	13	1	1	6	9	2					
	21	1004.7	-	4.4	0.5	7.9	92	5.8	3	4	2	7	12	3	0	1	3	0	3	11	12	1	0	0	0	13	18	0	2	3	9	7	0					
8b ENGLAND, S.W.																																						
Yeovilton [Somerset]																																						
23	3	1005.2	-	4.1	0.6	7.7	90	6.1	2	3	3	8	13	2	1	1	0	0	2	13	13	1	0	0	1	10	10	10	2	0	4	7	4	1				
	9	1005.2	-	4.4	0.6	7.9	90	6.6	1	3	0	11	16	0	0	0	2	1	1	6	17	4	0	0	0	2	13	7	9	3	0	4	11	2				
	15	1004.6	-	7.2	1.1	8.7	83	6.6	0	3	0	16	12	0	0	0	0	0	4	23	4	0	0	0	4	11	11	5	1	1	5	8	4					
	21	1005.5	-	4.6	0.6	8.0	90	5.7	5	0	4	9	13	0	0	1	0	0	1	5	22	2	0	0	0	3	8	12	8	1	0	4	9	5				
Portland Bill [Dorset]																																						
54	3	1004.7	-	6.3	0.5	9.0	92	5.5	5	2	5	4	14	1	1	0	0	1	0	4	12	11	2	0	1	5	13	11	1	1	4	2	5	9				
	9	1004.7	-	6.4	0.5	9.0	91	6.7	0	2	4	8	16	1	0	0	0	1	0	4	14	5	7	0	0	4	17	8	2	3	1	4	6	8				
	15	1004.3	-	7.0	0.7	9.2	90	6.5	0	3	4	10	12	2	0	2	0	0	3	3	13	7	2	1	0	6	12	12	1	1	3	1	6	8				
	21	1005.2	-	6.6	0.5	9.1	91	4.8	7	3	3	8	10	0	0	0	0	1	0	15	13	2	0	0	5	15	9	2	3	1	2	3	9					
Hartland Point [Devon]																																						
93	3	1002.7	-	6.4	0.7	8.8	89	5.3	1	6	7	9	8	0	0	0	0	0	0	6	20	4	1	0	5	19	7	0	1	2	6	5	6					
	9	1003.0	-	6.2	0.6	8.7	90	6.6	0	2	3	16	9	1	0	0	1	0	0	8	18	2	2	1	6	15	7	2	2	3	6	4	6					
	15	1003.3	-	7.2	0.9	9.0	87	6.1	0	2	6	17	6	0	0	0	0	0	0	5	20	4	2	1	7	10	11	2	1	3	2	6	5					
	21	1003.3	-	6.7	0.9	8.7	87	6.1	1	4	4	10	12	0	0	0	0	1	0	4	19	5	2	0	6	14	11	0	2	1	5	6	8					
Mount Batten [Devon]																																						
30	3	1004.1	-	6.2	0.5	9.0	91	6.1	3	2	3	12	11	0	0	0	0	0	3	14	14	0	0	0	1	12	17	1	1	2	7	5	6					
	9	1003.9	-11.3	6.2	0.5	9.0	92	6.4	0	4	3	10	14	0	0	1	0	0	8	15	6	1	0	1	0	15	14	1	3	2	7	4	6					
	15	1003.5	-	8.2	1.0	9.6	86	6.3	0	4	2	15	10	0	0	0	1	0	5	14	7	4	0	0	3	14	14	0	2	1	3	6	8					
	21	1004.5	-	6.6	0.5	9.3	92	5.9	2	3	3	12	10	1	0	1	0	2	2	16	9	1	0	0	1	14	12	4	2	0	3	9	6					
Chivenor [Devon]																																						
7	3	1003.8	-	5.9	0.7	8.6	90	6.0	1	5	1	11	13	0	0	0	1	0	1	10	12	6	1	0	0	13	18	0	0	1	12	9	5					
	9	1003.6	-10.9	5.8	0.7	8.4	88	6.6	0	3	1	17	10	0	0	0	0	1	3	10	10	6	1	0	1	9	15	6	0	1	7	9	4					
	15	1003.1	-	7.9	1.3	8.9	82	6.1	0	3	5	15	8	0	0	0	0	0	8	12	8	3	0	1	4	16	0	1	1	3	9	4	2					
	21	1004.2	-	6.1	0.7	8.5	88	6.0	1	4	4	11	11	0	0	0	1	0	0	11	9	8	2	0	0	12	17	2	0	0	13	9	1					
Exeter [Devon]																																						
38	3	1004.4	-	5.0	0.5	8.3	92	5.9	3	3	3	7	15	0	0	1	2	1	0	7	14	5	1	0	2	5	15	9	1	3	0	8	6					
	9	1004.5	-10.6	5.1	0.6	8.4	91	6.7	0	3	1	12	14	1	0	1	2	0	1	4	8	14	0	1	0	1	10	13	7	2	2	1	10	6				
	15	1003.8	-	7.4	1.0	9.0	85																															

TABLE II—ADDITIONS - JANUARY, 1970.

DISTRICT COUNTY AND PLACE			HEIGHT OF VANE IN METRES			DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED										Mean Hourly Wind Speed in knots	HIGHEST VELOCITIES					
			Above Mean Sea Level	Above ground	Effective Height	34 Knots or more (Gale force)		22 to 33 knots		11 to 21 knots	4 to 10 knots	Less than 4 knots	No Record	HIGHEST HOURLY WIND			HIGHEST GUST					
						Dates of Occurrence	Duration (hr)	No. of days	Duration in Hours						Veer from N		Speed in knots	Hour ended at day hour	Veer from N	Speed in knots	Day and Time	
0	Inverness	Dalcross	19	10	10	-	0	1	1	215	341	187	0	7.9	190	23	20 23	210	43	20	2005	
2	Yorks, N. R.	Silpho Moor	207	15	9	-	0	7	15	221	263	221	24	7.8	170	27	18 07	200	42	10	0535	
4	Notts.	Watnall	130	13	10	-	0	0	0	205	441	98	0	7.9	090	19	8 11	060	31	30	0405	
7b	Merioneth	Trawsfynydd	194	10	10	-	0	3	12	260	409	63	0	9.3	200	33	9 23	200	49	9	2105	
9	Londonderry	Coleraine Univ.	10	10	10	-	0	7	48	269	295	132	0	10.2	310	29	5 21	310	49	5	2035	

RAINFALL CORRECTIONS 1967

STATION	MONTH	TOTAL (mm)	PERCENT -AGE	ANNUAL TOTAL (mm)	PERCENT -AGE	STATION	MONTH	TOTAL (mm)	PERCENT -AGE	ANNUAL TOTAL (mm)	PERCENT -AGE
Wittering	January		31			Wittering	October		180		
Eastwick Lodge		26	46	557		Cambridge B.G.		97	194	581	106
Stanstead Abbots		32		596		Birmingham K.E.S.		138	189	796	103
Garstang		56	60	1194		Wittering	November		76		
Huddersfield	February	106	149	983	124	Letchworth		41	71	607	106
Llandrindod Wells		131	160	1167	113	Marlborough		56	62		
Wincanton		81		937		Wittering	December		77		101
Wittering	March		91			Marlborough		76	86		
Cawood		34	92	725		Redcar				654	
Compton		47		755		Kilnsea				585	
Eastbourne C.G.		43	86			Bramham				724	107
Knutsford		32	67	800		Watnall				671	
Princetown		127		2370		Raunds				566	98
Wittering	April		42			Dover				692	94
Keele		37	72	833	104	East Hoathly				886	
Wittering	May		45			Ruthin				932	
Cleethorpes		132	280			Bardsey Island				912	
Skegness		95	226	575		Scilly				980	
Plumpton		137		1143		Culdrose				956	
Wakehurst Place		139		979							
Wittering	June		42								
Wittering	July		34								
Wittering	August		96								
Cleethorpes		35	68	688	115						
Stonyhurst	September	124	107	1402	116						
RAINFALL CORRECTIONS			1968			RAINFALL CORRECTIONS			1969		
Wittering	January		73			Wittering	January		135		
	March		51				March		147		
	April		152				April		105		
	May		113				May		294		
	June		165				June		91		
	July		204				July		131		
	August		177				August		91		
	October		93								
	November		103								
	December		70		128						

The following changes take effect from 1 January 1970:-

1. The station known hitherto as WILLITON, in Devon, is to be called NETTLECOMBE: this is a change in name only.
2. The site at St. Helier, Jersey, has been moved from the Weighbridge Gardens to the Maison St. Louis Observatory: sunshine continues to be recorded at Fort Regis, in St. Helier, as before. At present no averages for temperature are available for the new site.

Amendments to 1967

March - Page 33, in "Pressure and Wind" line 8, 125 Kt should read "124 Kt".

Annual Summary - Page 193, in "Notable Features" the gust in the Cairngorms in March should read "124 kt".

Page 197, in "Wind Speed" para. 2 line 1 should read "The gust of 124 kt recorded...." etc.

N.B. This supercedes the note on page 180 of September 1969.

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Monthly Weather Report

OF THE METEOROLOGICAL OFFICE

Summary of observations compiled from returns of official stations and voluntary observers.



Volume 87 Number 2

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February 1970 — *Very sunny but also snowy and wet*

Low pressure affected all districts throughout the month except on the last four days. Depressions were intense at times and although centred mostly to the north of the British Isles they occasionally crossed southern districts. On the 12th the mean-sea-level pressure at Culdrose (Cornwall) fell to 970 mb.

Weather — It was a very sunny month but also rather cold, particularly in the north. The weather was generally changeable with stormy periods. Rain or snow occurred frequently, especially in north Scotland where precipitation of some kind fell on most days. Snowfall was more frequent than normal and caused traffic dislocation and damage in some areas. On the 22nd, after a wet period, rising water-levels in rivers in England and Wales, particularly in the West Country and the Midlands, caused some alarm but fortunately flooding was not widespread.

Wind — It was rather a windy month and, in general, the frequency of gales was above average. The highest frequency was in coastal areas where in places it was twice the average. Gales occurred locally on 19 days in England, 15 days in Scotland, 14 days in Wales and 9 days in Northern Ireland. The windiest period was the 1st to 3rd when many gusts exceeded 60 kt in Scotland, Northern Ireland and northern England and caused damage to electric power cables. Gusts of 70 kt or more occurred and 73 kt was recorded at Great Dun Fell (Westmorland) on the 1st and at Abbotsinch (Renfrewshire) on the 3rd. Gales affected southern England on the 12th when a gust of 68 kt occurred at Scilly. Gusts over 50 kt were reported widely on the 19th/20th and 66 kt was recorded at Bidston (Cheshire) on the 19th.

Temperature — The month was colder than average almost everywhere. Monthly mean temperature was 2-3 degC below average in some northern areas but it was nearer average farther south.

It was cold around the 6th, from the 10th to 17th and again at the end of the month. During the period 10th to 17th frost was widespread nightly; frost was particularly severe in northern districts where it persisted throughout the day in some upland areas. Minimum temperatures recorded during the month included: -17.8°C at Camps Reservoir (Lanarkshire) on the 11th and 12th and also at Achentoul (Sutherland) on the 12th; -11.7°C at Santon Downham (Norfolk) on the 17th; -11.5°C at Loughermore Forest (Co. Londonderry) on the 13th; -10.6°C at Alwen (Denbighshire) on the 15th.

Temperatures rose well above average in most areas on the first few days and again around the 21st, especially in the south. Among maxima during the month were 14.4°C at Bath on the 22nd; 13.3°C at Murlough (Co. Down), 12.8°C at Prestatyn (Flintshire) and 11.7°C at Girvan (Ayrshire) on the 21st.

Rainfall — It was a wet month in Northern Ireland where over twice the average rain fell in parts of the north and west and it was the wettest February at Moneydig (Co. Londonderry) since 1923. Places in north Scotland also had over twice the average rainfall and Strathly (Sutherland) recorded its highest February total since records began in 1938. In contrast to these areas, some places in north-east and central southern England had below average rainfall.

Heavy rain and showers fell in northern districts on the 1st and 2nd. Flooding occurred in Northern Ireland and 74 mm of rain were recorded at Kinlochewe (Ross and Cromarty) in the 24 hours ending 0900 GMT on the 3rd. From the 19th to 22nd frequent belts of rain crossed most areas with some heavy falls in western districts. Rivers became very swollen and flooding was reported in places as far apart as Northern Ireland and the south Midlands. 'Daily' falls during this period included nearly 56 mm at Hawkeshead (Westmorland) on the 19th and over 53 mm at Minafon (Merioneth) on the 20th.

Thunder occurred on 10 days in England, 9 days in Scotland, 3 days in Northern Ireland and 2 days in Wales. This is above the average frequency but thunderstorms were mostly isolated. Many of the wintry showers during the month were of small hailstones.

Snow — In general, snow occurred on about twice the average number of days for February. Much of the snow fell in showers which were sometimes frequent and prolonged in Scotland and northern England. There were some heavy falls of snow at times on high ground and accumulations became very deep in parts of the Scottish Highlands above 500 m. On the 6th a fall of 12 cm of snow occurred in less than 4 hours at Derry Lodge, 427 m, in the Cairngorms. General snowfall occurred on the 12th in the southern half of England and Wales; blizzards were reported in many areas and snow blocked roads and brought down electric power lines in South Wales. About 8 cm of level snow settled but 15-20 cm collected above 250 m in South Wales and south-west England with drifts 2 m deep on the moors. Snow spread eastwards across all areas on the 17th and caused the temporary closure of Manchester and Edinburgh airports. Falls amounted to 20 cm on high ground in the north but only 3 cm or so in the south and east.

Sunshine — A preponderance of days with long sunny spells and a marked absence of dull periods led to a very sunny month nearly everywhere. Among the most favoured areas were the Forth/Clyde valley where it was the sunniest February at Springburn Park (Glasgow) and Paisley since records began, in 1881 and 1885 respectively, and at Blackford Hill (Edinburgh) since 1907. Farther south, both Kew Observatory and Oxford (Radcliffe Observatory) had their highest February sunshine total since recording commenced in 1881. Although the excess of sunshine was smaller in some coastal areas than farther inland, most places recorded amounts well above average. Outstanding among these were London Weather Centre and Abbotsinch with 210 and 200 per cent of average respectively.

Fog — Because of the windy character of the month, fog was neither frequent (except on high ground), prolonged nor widespread.

Miscellaneous Phenomena — On the 7th an avalanche occurred in Glen Coe (north Argyll) and one person was killed. The aurora was observed on 7 nights in Scotland.

TABLE I—DISTRICT VALUES, February 1970

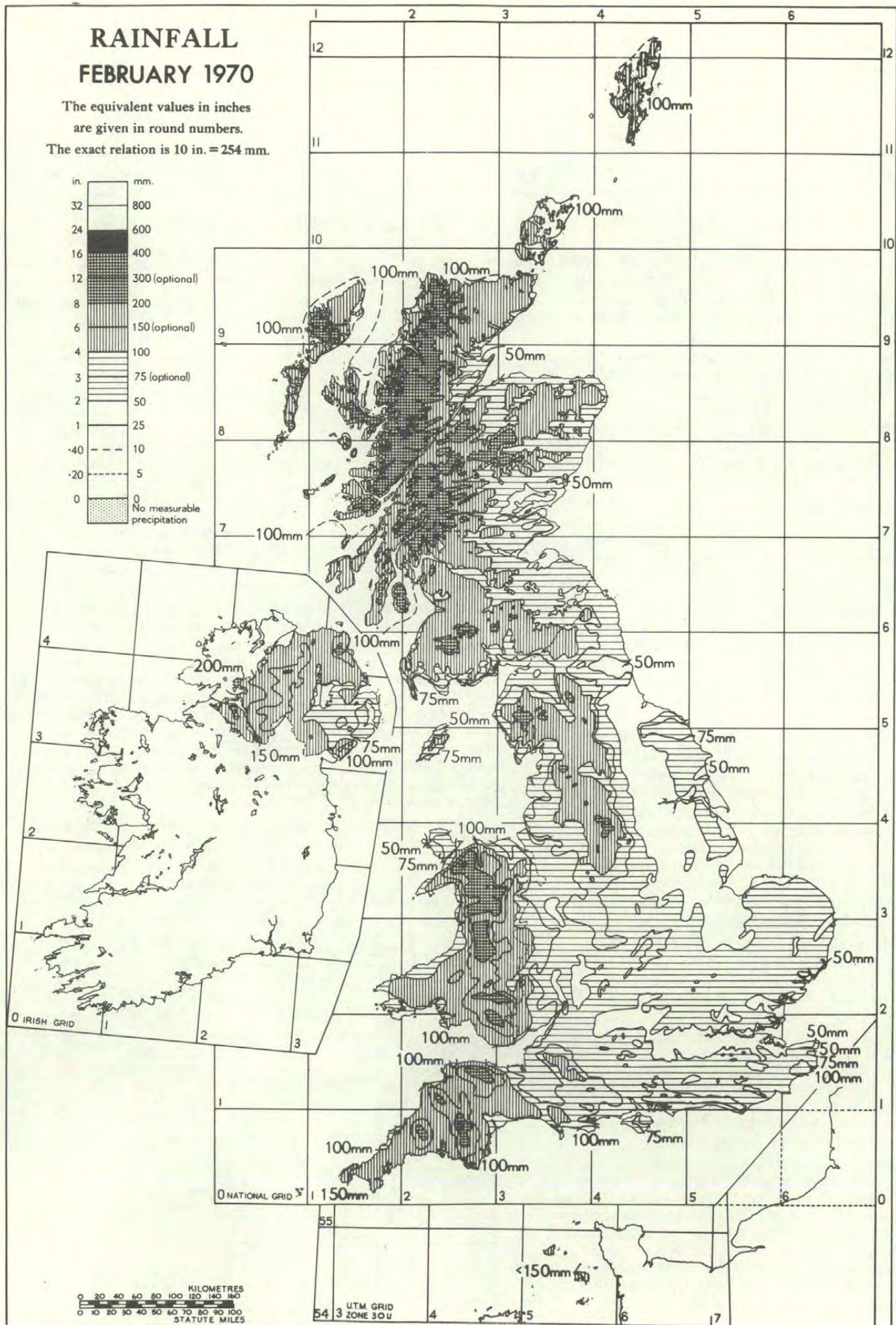
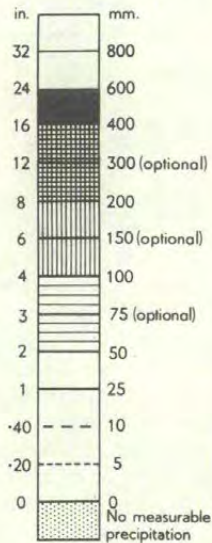
DISTRICTS	AIR TEMPERATURE °C					EARTH TEMP. °C		RAIN DAYS	RAIN-FALL	SUN-SHINE
	*Highest Max.	*Lowest Min.	Max.	Min.	Mean	Mean 30 cm.	Mean 122 cm			
Difference from Average								% of Average		
0 SCOTLAND, N.	9.4	-9.6	-1.7	-2.7	-2.2	-1.0	0.0	+2	144	128
1 SCOTLAND, E.	9.4	-9.4	-1.4	-1.5	-1.4	-0.9	-0.4	+4	146	136
2 ENGLAND, N.E.	11.1	-7.8	-1.1	-1.2	-1.2	-0.9	+0.2	+4	113	148
3 ENGLAND, E.	12.8	-8.3	-0.7	-0.8	-0.7	-0.5	-0.1	+6	137	154
4 MIDLANDS	11.6	-7.8	-0.8	-0.8	-0.8	-0.5	0.0	+4	125	158
5 ENGLAND, S.E.	12.8	-9.1	-0.1	-0.4	-0.2	-0.2	+0.2	+5	103	153
6 SCOTLAND, W.	10.0	-12.2	-1.1	-2.3	-1.7	-0.9	-0.4	-1	117	169
7 ENGLAND, N.W. and N.Wales	11.2	-7.8	-0.8	-1.0	-0.9	-0.1	0.0	+3	133	151
8 ENGLAND, S.W. and S.Wales	12.8	-9.4	-0.2	-0.7	-0.5	+0.1	0.0	+6	144	135
N.IRELAND	11.3	-6.9	-1.4	-1.8	-1.6	-	-	+2	164	135
SCOTLAND	10.0	-12.2	-1.4	-2.2	-1.8	-	-	+2	131	144
ENG. and WALES	12.8	-9.4	-0.6	-0.8	-0.7	-	-	+5	125	150

*Highest Max. and Lowest Min. of the District Value Stations.

FH 3 A

RAINFALL FEBRUARY 1970

The equivalent values in inches
are given in round numbers.
The exact relation is 10 in. = 254 mm.



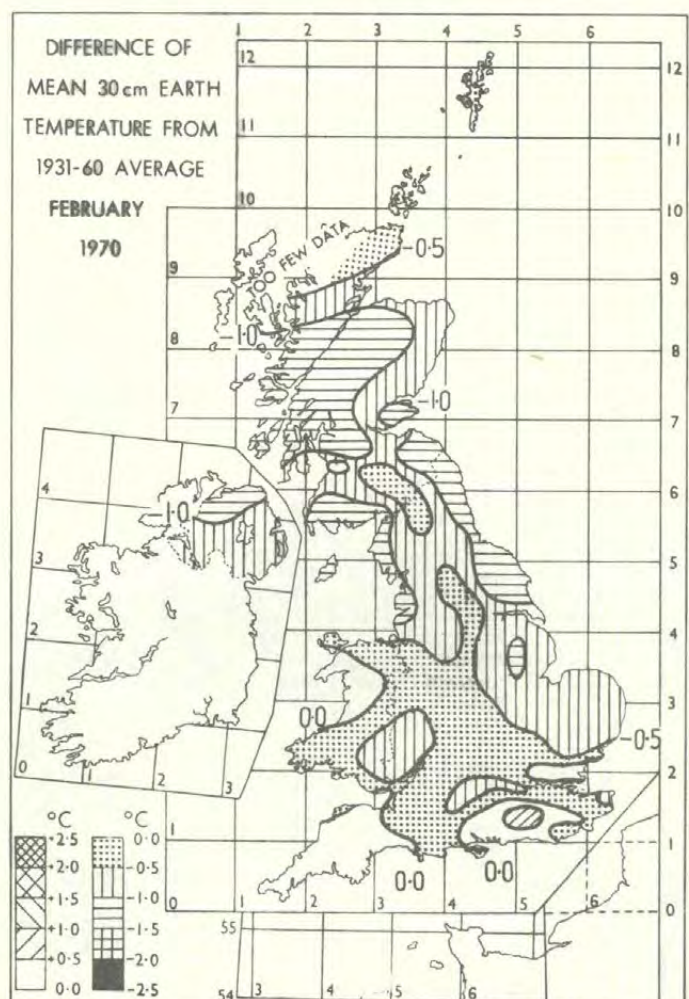
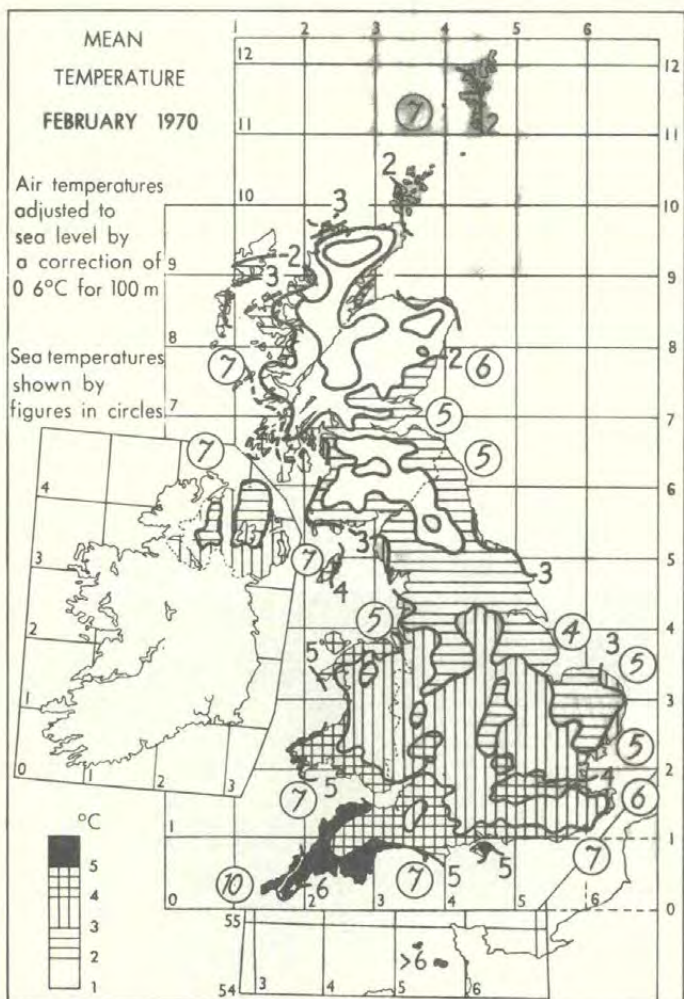
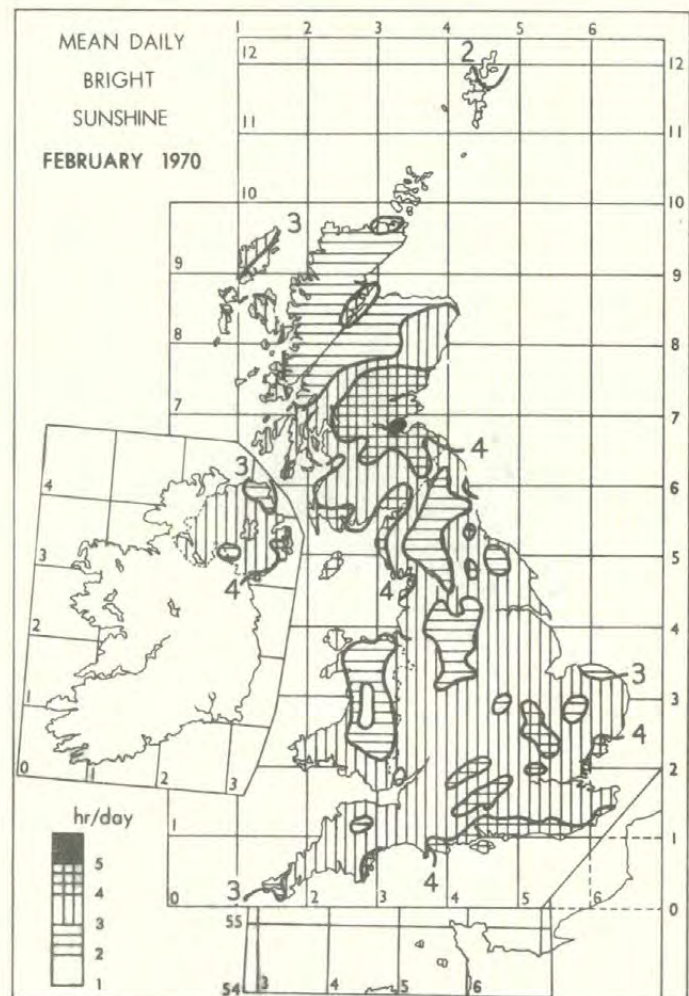
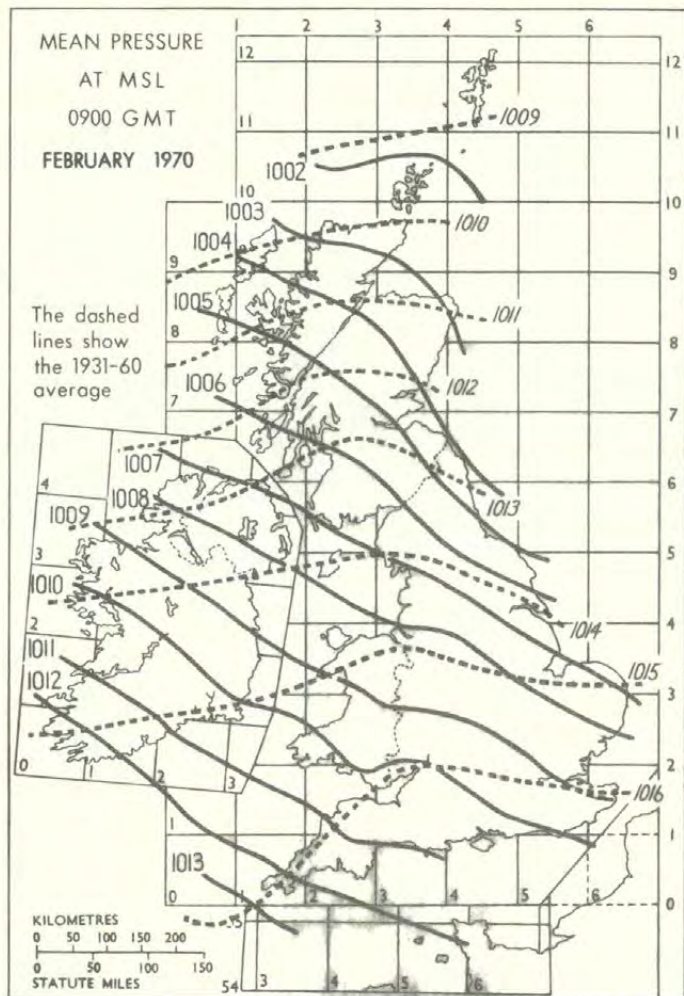


TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND—

FEBRUARY, 1970

DISTRICT COUNTY AND PLACE				HEIGHT OF VANE IN METRES			DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED										HIGHEST VELOCITIES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
				Above Mean Sea Level	Above ground	Effective Height	34 Knots or more (Gale force)		22 to 33 knots		11 to 21 knots	4 to 10 knots	Less than 4 knots	No Record	Mean Hourly Wind Speed in knots	HIGHEST HOURLY WIND			HIGHEST GUST																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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TABLE II (continued)—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— FEBRUARY, 1970

DISTRICT COUNTY AND PLACE				HEIGHT OF VANE IN METRES			DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED										Mean Hourly Wind Speed in knots	HIGHEST VELOCITIES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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† Anemograph dismantled for re-erection * Defective record ‡ Record ceased § Incomplete record ¶ Anemograph out of order ** Record ceased temporarily †† Record not yet commenced

TABLE III —SUMMARY OF DAILY OBSERVATIONS FEBRUARY, 1970

DISTRICT, COUNTY AND PLACE	Max. Temp. hr. GMT Min. of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days										BRIGHT SUNSHINE					
			MEANS OF		Daily Mean (mean of A & B)	Difference from 1931—60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1910—50 average	MOST IN A DAY		Precip'n		Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost†	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931—60 average	Exposure	
			Max. (A)	Min. (B)			Maximum	Date	Minimum	Date					Amount (mm)	Date	0.2 mm or more	1.0 mm or more														
0 SCOTLAND, N.																																
Zetland																																
Hamnavoe ...	9 9	21	4.6	0.2	2.4	-	7.8	28	-3.3	12	-	-	115	-	18	21	28	23	22	11	3	6	0	1	14	-	-	1	2.68	-	-	-
Lerwick †	21-9	82	3.1	-1.1	1.0	-1.9	7.4	28	-6.8	12	-	-	135	131	18	17	25	21	18	15	2	10	2	0	17	22	21	2	2.56	142	-	-
Baltasound ...	9 9	24	3.7	-1.1	1.3	-	7.8	2, 3 (28)	-6.7	17	3.3	-	124	125	17	19	22	21	15	12	4	6	0	0	16	-	-	4	1.59	-	-	-
Orkney																																
Sule Skerry ...	21-9	13	4.3	-1.0	1.7	-	7.2	22, 25, 28	-6.7	16	2.3	4.5	110	141	16	19	27	20	10	14	0	1	1	0	15	-	-	2	2.44	-	-	-
Stenness ...	9 9	23	4.1	-0.1	2.0	-1.8	7.2	28	-4.6	15	-	-	106	133	18	19	24	20	18	15	12	0	1	1	15	21	20	3	2.45	111	-	-
Kirkwall ...	21-9	26	4.1	-0.1	2.0	-1.8	7.2	28	-4.6	15	-	-	106	133	18	19	24	20	18	15	12	0	1	1	15	21	20	3	2.45	111	-	-
Caithness																																
Dounreay ...	9 9	21	4.8	-1.8	1.5	-	7.8	1, 3	-7.8	12	-	-	125	179	18	19	24	22	9	16	0	10	0	2	20	22	-	2	2.99	-	-	-
Wick †	21-9	36	3.8	-1.4	1.2	-2.3	7.1	3	-9.6	12	-	-	98	192	17	19	23	19	17	16	0	14	0	0	16	21	21	1	2.77	110	-	-
John O'Groats ...	9 9	30	4.6	-0.9	1.9	-	7.2	2, 3, 28	-6.7	17	-	-	79	-	17	19	23	14	9	-	0	1	1	0	15	20	-	1	2.83	-	-	-
Sutherland																																
Cape Wrath ...	21-9	112	4.5	1.1	2.8	-1.5	9.0	1	-2.6	13, 15	-	-	123	148	16	2	25	23	17	13	4	0	1	0	12	16	17	4	2.47	-	-	-
Achany ...	9 9	85	3.1	-5.3	-1.1	-	8.3	1	-15.0	12	1.3	3.8	115	134	24	2	23	18	18	20	1	0	0	1	21	25	-	0	2.49	-	-	-
Strathay ...	9 9	37	3.4	-3.1	0.1	-2.8	8.3	1	-12.2	12	-	-	157	194	21	2	27	27	18	16	0	5	0	1	20	-	0	2.79	139	S	-	-
Achentoul ...	9 9	137	2.3	-5.6	-1.7	-	7.8	1	-17.8	12	-	-	110	-	18	13	27	21	12	22	0	7	1	0	23	26	-	2	2.31	-	-	-
Ross & Cromarty																																
Stornoway †	21-9	3	5.0	-1.3	1.9	-2.5	9.0	1	-8.0	12	-	-	123	180	19	2	24	21	13	7	1	11	2	0	20	22	21	2	3.00	138	-	-
Balmacara ...	9 9	4	5.7	-0.7	2.5	-	10.0	1	-6.7	15	-	-	158	-	24	6	23	20	9	9	0	0	0	0	15	-	-	1	-	-	-	-
Poolewe ...	9 9	6	5.3	-0.4	2.5	-	10.6	1	-5.0	16	-	-	169	145	23	2	26	21	11	-	3	1	1	0	14	20	-	1	2.45	-	-	-
Rudh Re ...	21-9	16	5.3	1.5	3.4	-	8.8	1	-3.1	16	-	-	-	-	-	-	-	-	10	11	0	0	0	0	11	13	16	6	-	-	-	-
Inverpollay ...	9 9	14	4.9	-1.8	1.5	-	8.9	1	-7.8	12	3.3	-	131	126	20	2	24	23	10	13	0	4	1	-	18	22	-	4	2.37	-	S	-
Achnashellach ...	9 9	67	3.7	-3.4	0.1	-3.0	10.0	1	-10.6	10, 15	-	-	274	158	42	3	22	20	16	20	0	0	0	0	21	-	-	1	-	-	-	-
Kinlochewe ...	9 9	23	4.6	-3.4	0.6	-3.1	8.9	1	-9.4	11, 12, 15	2.6	-	300	185	74	2	22	21	13	16	0	2	0	0	22	24	-	2	2.32	-	S	-
Knockanrock ...	9 9	244	2.6	-2.1	0.3	-	6.1	1, 28	-5.6	6, 12	-	-	242	-	55	2	26	23	18	19	0	1	1	-	21	25	-	1	-	-	-	-
Strathconon ...	9 9	107	3.6	-3.8	-0.1	-	7.8	1	-12.2	12	-	-	194	-	63	2	18	18	10	15	1	0	1	-	22	26	-	0	-	-	-	-
Fortrose †	9 9	5	4.6	-0.2	2.2	-1.9	8.3	1	-4.4	12	-	-	57	133	17	2	16	11	5	6	0	0	0	0	12	-	-	0	3.02	122	-	-
Tarbatness ...	21-9	18	3.9	-0.1	1.9	-1.8	9.0	1	-4.5	12, 15	-	-	57	166	13	19	19	13	11	6	0	0	0	0	14	-	-	2	-	-	-	-

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS FEBRUARY, 1970

DISTRICT, COUNTY AND PLACE	Max. Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days												BRIGHT SUNSHINE						
			MEANS OF		Daily Mean (mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1916-50 average	MOST IN A DAY		Precip'n		Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure		
			Max. (A)	Min. (B)			Maximum	Date	Minimum	Date					Amount (mm)	Date	0.2 mm or more	1.0 mm or more															
0 SCOTLAND, N. -contd.																																	
Inverness																																	
Benbecula ...	21-9	6	5.5	0.1	2.8	-2.1	8.9	1	-5.2	16	-	-	117	154	13	21	24	20	9	6	4	7	0	0	14	21	19	4	2.97	-	-	-	
Isle of Rhum ...	99	5	5.7	-1.2	2.3	-	8.9	1,28	-6.7	15	(2.7)	(5.9)	219	114	40	18	22	19	9	15	10	0	1	0	18	24	-	4	-	-	-	-	
Prabost ...	99	67	4.4	-1.1	1.7	-	8.3	1	-6.1	6	-	-	151	105	20	6	24	19	14	15	1	9	0	0	17	23	-	3	3.22	-	-	-	
Duntulm ...	99	90	4.7	0.3	2.5	-1.9	7.8	1	-2.8	6	-	-	117	117	17	1	24	20	12	7	12	0	0	0	12	22	-	8	2.95	136	-	-	
Onich ...	99	15	5.4	-2.1	1.7	-2.2	9.4	21	-8.3	15	-	-	148	84	24	1	19	16	-	1	-	-	-	0	17	23	-	-	2.57	127	S	-	
Fort William ...	99	8	4.8	-2.6	1.1	-	9.4	1	-9.4	15	1.8	3.5	157	99	21	1	18	15	8	2	0	2	0	0	20	24	-	-	2.35	-	S	-	
Corpach ...	99	8	5.1	-2.2	1.5	-	8.9	21	-11.1	15	-	-	220	-	41	6	16	16	6	3	1	0	0	3	17	23	-	1	-	-	-	-	
Fort Augustus ...	99	21	3.7	-3.1	0.3	-2.9	8.3	1	-9.4	11,15,18	-	-	148	-	21	2	21	16	9	14	0	1	0	4	22	-	-	0	2.44	-	S	-	
Inverness ...	99	4	4.9	-1.8	1.5	-	9.4	1	-7.2	12	-	-	44	101	10	19	13	7	5	4	0	0	0	0	20	23	-	0	3.11	-	-	-	
Coire Cas Shielling	99	762	-0.6	-5.2	-2.9	-	5.0	21	-10.6	15	-	-	-	-	-	-	-	-	20	28	-	-	-	-	28	-	-	-	-	-	-	-	
Cairngorm ...	99	1090	-3.7	-7.4	-5.5	-	0.6	21	-12.2	16	-	-	-	-	-	-	-	-	21	28	-	-	-	-	28	-	-	-	-	-	-	S	
Achnagoichan ...	99	305	2.6	-4.2	-0.8	-	6.7	1	-15.0	12	1.4	-	-	-	-	-	-	-	16	-	0	0	0	-	22	26	-	2	-	-	-	-	
Glenmore Lodge	99	341																															
1 SCOTLAND, E.																																	
Nairn																																	
Nairn ...	99	6	4.4	-1.8	1.3	-2.3	10.0	1	-8.3	12,13	-	-	52	138	(17)	19	15	10	4	8	0	1	0	0	22	22	-	0	2.88	113	-	-	-
Moray																																	
Grantown-on-Spey	99	221	2.9	-4.7	-0.9	-	8.3	1	-16.1	15	-	-	81	-	27	19	19	16	21	24	0	1	0	0	22	27	-	0	-	-	-	-	
Forres ...	99	50	4.3	-1.7	1.3	-2.0	8.9	1	-9.4	12	1.4	3.2	83	230	24	19	23	13	14	17	1	0	0	0	16	23	-	0	2.67	100	-	-	
Kinloss ...	21-9	5	4.4	-1.0	1.7	-1.8	9.2	1	-8.8	12	2.4	-	84	248	22	19	23	13	16	14	2	8	0	0	17	22	22	1	2.77	-	-	-	
Elgin ...	99	15	4.6	-1.6	1.5	-	8.9	1	-9.4	12,15	-	-	94	253	28	19	19	17	-	11	-	-	-	0	15	21	-	-	3.22	-	S	-	
Lossiemouth ...	99	6	4.6	-2.0	1.3	-1.9	10.6	1	-9.4	18	-	-	69	191	19	19	21	14	15	8	0	5	0	0	18	23	20	1	-	-	-	-	
Gordon Castle ...	99	32	4.3	-1.1	1.6	-1.9	8.9	1	-11.1	12	-	-	96	205	26	19	23	20	7	17	7	0	0	0	-	14	-	0	2.60	104	-	-	-
Banff																																	
Glenlivet ...	21-9	215	2.5	-2.9	-0.2	-	7.0	1	-15.8	12	-	-	103	-	19	19	25	19	25	24	0	0	0	0	22	24	26	0	2.86	-	-	-	-
Banff ...	99	24	4.4	-0.3	2.1	-	7.8	3,28	-7.2	12,13	-	-	90	-	23	19	22	18	4	12	4	0	0	0	17	-	-	1	2.68	-	-	-	-
Aberdeen																																	
Braemar ...	99	339	2.7	-5.0	-1.1	-2.1	6.1	28	-16.7	15	-	-	91	134	(18)	19	16	14	-	26	-	-	-	-	0	24	26	-	-	2.65	-	S	-
Balmoral ...	99	283	2.7	-4.2	-0.7	-1.9	6.7	28	-13.9	15	-	-	85	151	22	19	20	11	11	25	0	0	0	-	22	25	-	0	-	-	-	-	-
Dinnet ...	99	177	3.5	-2.8	0.3	-	(7.8)	28	-11.1	15	1.6	-	58	-	18	19	19	12	-	22	-	-	-	-	0	22	24	-	-	3.44	-	-	-
Gartly ...	99	160	2.9	-3.0	-0.1	-	7.8	2,3	-15.6	12	-	-	137	-	(38)	19	26	21	-	-	-	-	-	-	-	18	24	-	-	-	-	-	-
Inverurie S. Wks.	99	54	3.7	-2.5	0.6	-	8.3	2	-12.2	12	-	-	80	-	29	19	22	15	16	18	0	0	0	0	1	18	23	-	0	3.25	-	-	-
Fyvie Castle ...	99	66	3.9	-3.6	0.1	-	8.9	2	-15.0	12,13	-	-	130	197	(33)	19	24	22	15	25	6	0	0	0	0	21	24	-	2	3.19	-	S	-
Craibstone ...	99	91	3.6	-1.1	1.3	-1.6	8.3	2	-5.0	12,15,18	1.6	3.5	78	137	18	19	20	12	11	15	0	2	0	0	16	23	-	1	3.39	119	-	-	-
Dyce ...	21-9	58	3.7	-1.5	1.1	-1.8	8.6	2	-8.7	17	-	-	78	129	28	19	19	14	17	13	1	9	0	0	0	20	24	23	0	3.43	-	-	-
Aberdeen ...	99	52	4.1	-1.4	1.3	-1.6	8.9	28	-7.8	15	-	-	75	140	30	19	18	10	12	12	0	0	0	0	17	25	-	0	3.50	132	-	-	-
Fraserburgh ...	21-9	18	4.3	0.7	2.5	-	7.6	2	-3.0	16	-	-	78	-	11	19	23	20	14	9	3	3	0	0	14	-	17	2	2.49	-	-	-	-
Kincardine																																	
Fettercairn ...	99	171	3.4	-1.8	0.8	-1.4	7.2	28	(-6.1)	16	-	-	84	127	28	19	23	14	18	19	0	0	0	2	20	27	-	3	3.51	-	S	-	
Strachan ...	99	120	3.9	-3.6	0.1	-	7.8	28	-15.0	15	-	-	92	-	23	1	16	11	10	20	1	0	0	1	21	22	-	0	3.11	-	S	-	
Banchory ...	99	77	4.6	-2.0	1.3	-	8.3	2,22,28	-8.9	15	-	-	79	-	22	19	18	10	17	17	0	4	0	0	19	23	-	1	-	-	-	-	
Angus																																	
Mylenfield ...	99	30	5.3	-0.9	2.2	-	9.4	28	-5.6	15	1.6	4.4	37	74	(15)	19	11	8	4	3	0	0	0	0	17	26	-	0	4.90	-	-	-	
Dundee ...	99	45	5.4	-0.5	2.5	-0.8	9.4	23	-4.4	15	1.7	-	42	76	19	19																	

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS FEBRUARY, 1970

DISTRICT, COUNTY AND PLACE	Max. Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days										BRIGHT SUNSHINE							
			MEANS OF		Daily Mean (mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1916-50 average	MOST IN A DAY		Precip'n 0.2 mm or more	140 mm or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure	
			Max. (A)	Min. (B)			Maximum	Date	Minimum	Date	Amount (mm.)	Date																				
															30 cm.	122 cm.																
1 SCOTLAND, E. — contd.																																
Berwick — contd.																																
Marchmont ...	99	152	4.6	-1.3	1.7	-1.1	8.3	23	-5.6	15, 16	-	-	60	110	25	19	16	11	10	4	0	0	0	0	17	-	-	1	3.67	170	S	
Whitchester ...	99	255	3.7	-2.3	0.7	-	6.7	1, 23, 28	-7.2	15, 18	-	-	76	127	30	19	20	14	15	19	2	0	0	-	19	-	-	4	-	-	-	
St. Abb's Head	99	75	4.3	0.8	2.5	-	8.2	23	-3.5	18	-	-	-	-	-	-	-	12	2	1	0	0	0	0	10	20	-	5	-	-	-	
Peebles																																
Stanhope Farm	99	226	3.7	-3.9	-0.1	-	8.3	21	-12.8	11	-	-	110	133	29	1	17	15	10	13	0	2	0	0	18	26	-	0	-	-	-	
Blyth Bridge ...	99	253	3.4	-3.3	0.1	-	7.8	21	-10.6	16	-	-	96	147	17	19	17	15	14	12	0	0	0	0	20	25	-	3	3.51	-	-	
West Linton ...	99	244	3.7	-3.3	0.2	-	7.8	1	-10.6	16	0.8	2.8	106	154	21	19	20	14	5	6	0	0	0	0	22	24	-	0	-	-	-	
Glentress ...	99	177	4.8	-3.3	0.7	-	8.3	1, 21, 28	-11.1	15	-	-	76	136	23	1	14	11	-	9	-	-	-	0	15	-	-	-	-	-	-	
Selkirk																																
Bowhill ...	99	183	5.0	-2.2	1.4	-	8.3	22, 23, 28	-10.0	15	-	-	73	116	20	19	18	11	11	10	0	1	0	1	18	-	-	1	-	-	-	
Galashiels ...	99	198	3.9	-1.8	1.1	-	8.3	21	-9.4	15	-	-	64	-	18	19	20	11	14	9	0	4	0	1	16	22	-	5	4.16	-	S	
Roxburgh																																
Wauchope ...	99	171	4.3	-3.3	0.5	-	7.8	1, 21, 28	-10.0	15	-	-	76	125	25	19	21	12	12	17	0	0	0	0	19	-	-	4	-	-	-	
Kelso ...	99	34	5.6	-2.0	1.8	-	9.4	23	-7.8	15	-	-	42	-	18	19	15	9	9	10	0	2	0	0	18	23	-	0	3.57	-	-	
Sourhope *	99	221	3.7	-2.8	0.5	-1.6	7.8	1, 21	-8.3	6	-	-	83	-	18	19	14	13	10	12	1	0	0	1	21	26	-	1	3.09	-	-	
6a SCOTLAND, W.																																
Argyll																																
Tiree ¶	21-9	9	6.2	0.9	3.5	-1.7	9.5	21	-3.8	15	-	-	99	125	16	16	20	15	10	0	1	17	0	0	12	18	18	9	3.60	137	-	
Rhuvaal ...	21-9	20	6.3	2.1	4.2	-	10.1	21	-0.8	11	-	-	104	96	16	16	19	13	8	0	8	0	0	0	3	15	15	3	-	-	-	
Colonsay ...	99	30	6.0	0.4	3.2	-1.4	8.9	1, 21	-4.4	13	-	-	98	97	15	19	19	16	4	-	0	0	0	1	10	-	0	-	-	-	-	
Aros ...	99	37	5.3	-2.6	1.3	-	8.9	21	-8.9	15	-	-	152	-	24	1	17	17	8	1	4	0	0	0	1	19	23	-	1	-	-	-
Craighouse ...	99	3	6.7	0.8	3.7	-	10.0	1	-2.8	13, 15	-	-	163	-	27	1	17	15	-	2	-	-	-	0	11	13	-	-	-	-	-	
Machrihanish ...	21-9	10	6.1	0.0	3.1	-	10.7	21	-8.0	15	-	-	131	-	18	19	17	17	12	5	3	7	0	0	15	16	16	4	3.84	-	-	
Campbeltown ...	99	12	6.3	0.0	3.1	-	10.6	21	-5.0	13, 17	-	-	130	-	19	19	17	17	-	0	-	-	-	0	13	-	-	-	-	-	-	
Achaglachgach ...	99	12	6.2	-2.9	1.7	-	10.0	1	-8.3	13	-	-	155	131	24	1	16	16	2	-	3	0	0	0	18	20	-	0	-	-	-	
Knapdale Forest ...	99	40	5.5	-1.9	1.8	-	9.4	1	-7.8	13	-	-	144	-	27	1	16	15	5	1	3	0	0	0	18	19	-	2	-	-	-	
Glenbranter ...	99	24	4.9	-2.6	1.1	-	8.3	1, 28	-8.9	15	-	-	203	-	44	1	18	16	-	5	-	-	-	0	18	23	-	-	-	-	-	
Glen Etive ...	99	24	4.9	-2.9	1.0	-	8.9	1, 21, 28	-10.0	15	-	-	225	-	46	1	17	16	9	4	0	1	1	-	17	23	-	0	-	-	-	
Benmore Y.B.G. **	99	12	5.5	-1.5	2.0	-	10.0	21	-6.1	11, 13, 15	-	-	216	109	40	1	18	17	5	4	2	2	0	0	17	26	-	0	-	-	-	-
Bute																																
Kildonan ...	21-9	18	5.9	0.9	3.4	-	9.1	22	(-2.8)	6	-	-	161	-	29	19	21	18	6	-	5	0	1	0	9	14	15	6	4.21	-	-	-
Brodict Castle ...	99	15	6.8	-0.1	3.3	-	10.0	1, 22	-5.6	15	3.2	-	257	-	43	23	18	17	5	5	4	0	0	0	14	18	-	1	-	-	-	-
Rothsay ¶	99	43	5.7	0.1	2.9	-1.3	10.0	1	-3.3	6, 15	2.4	4.2	138	133	26	1	17	17	9	2	0	2	0	0	15	19	-	0	3.43	146	S	
Dunbarton																																
Finnart ...	99	15	5.7	-0.5	2.6	-	10.0	22, 28	-5.0	15	-	-	213	-	(38)	1	17	16	5	11	3	0	0	-	16	-	1	-	-	-	-	-
Helensburgh ...	99	89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Sloy ...	21-9	12	5.3	-1.0	2.1	-	9.7	21	-8.1	15	-	-	256	-	38	22	17	16	7	-	4	1	1	0	15	-	1	-	-	-	-	-
Cumbernauld ...	99	94	4.4	-2.9	0.7	-	(8.3)	1	-10.0	15	-	-	112	-	17	19	18	13	9	15	0	0	0	0	18	28	-	0	-	-	-	-
Stirling																																
Earl's Hill ...	21-9	335	1.8	-2.6	-0.4	-	6.4	1	-7.1	15	-	-	108	-	24	19	14	11	14	-	0	1	0	2	24	27	7	4.59	-	-	-	-
Stirling Batterflats ...	99	38	5.9	-1.2	2.3	-1.4	9.4	28	-7.2	15	1.4	5.1	81	111	14	22	12	10	9	4	0	0	0	0	16	24	-	0	4.63	-	-	-
Falkirk S. Wks. ...	99	3	5.9	-1.1	2.4	-	9.4	23	-5.0	14	-	-	81	-	18	19	16	13	5	4	0	0	0	0	19	-	0	4.16	-	-	-	-
Grangemouth ...	99	4	-	-1.1	-	-	-	-	-6.7	16	-	-	77	-	18	19	14	13	3	1	0	0	0	0	17	18	-	0	-	-	-	-
Renfrew																																
Greenock ...	99	61	5.0	-0.4	2.3	-1.8	9.4	1	-5.0	16	-	-	143	111	26	1	17	15	9	5	3	0	0	0	1	14	21	-	0	3.90	177	-
Paisley ...	99	32	5.																													

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS FEBRUARY, 1970

DISTRICT, COUNTY AND PLACE		Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days												BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
				MEANS OF		Daily Mean (mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1916-50 average	MOST IN A DAY		Precip'n		Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
				Max. (A)	Min. (B)			Maximum	Date	Minimum	Date	Amount (mm)	Date			0.2 mm or more	1.0 mm or more																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

FEBRUARY, 1970

DISTRICT, COUNTY AND PLACE			Max. Temp. of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)				WEATHER (Number of Days)												BRIGHT SUNSHINE		
					MEANS OF		Daily Mean (mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						MOST IN A DAY		Precip'n		Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure		
					Max. (A)	Min. (B)			Maximum	Date	Minimum	Date	Total fall (mm.)	Percentage of 1931-60 average	Amount (mm.)	Date	0.2 mm or more	1.0 mm or more															
																																30 cm.	122 cm.
4 MIDLAND COUNTIES — contd.																																	
Hereford																																	
Lyonshall ...	99	155	5.9	0.2	3.1	-0.5	11.1	21	-8.3	15	-	-	99	154	13	19	21	19	-	-	-	-	-	15	23	-	-	-	-	-	-	-	
Ross-on-Wye	99	68	6.4	1.0	3.7	-0.8	11.6	2,21	-6.9	15	3.7	6.0	52	102	9	2	16	12	6	6	1	0	0	1	10	19	17	0	3.58	142	-	-	
Preston Wynne	99	84	(6.1)	-0.6	(2.7)	-	11.7	21	-9.4	15	-	-	58	135	10	2	18	15	6	8	1	0	0	1	16	23	-	0	3.90	-	-	-	
Gloucester																																	
Filton ...	21-9	59	6.6	1.3	3.9	-0.5	11.1	2	-5.5	15	-	-	55	99	9	19	17	13	8	4	3	0	1	1	12	15	17	0	3.43	-	-	-	
Hempsted ...	99	12	6.8	0.6	3.7	-	11.7	2,22	-5.6	15	4.8	7.4	45	88	9	11	18	10	6	0	0	1	1	12	20	-	0	3.34	-	-	-		
Gloucester ...	21-9	24	7.0	1.6	4.3	-	11.9	21	-5.6	15	-	-	43	-	8	11	18	10	7	3	0	2	0	3	7	16	15	0	3.49	-	-	-	
Cheltenham ...	99	65	6.3	0.2	3.3	-0.8	11.1	1	-7.2	15	-	-	44	91	7	2,22	22	12	-	-	-	-	-	11	-	-	-	-	3.20	-	-	-	
Cirencester ...	99	135	6.1	-0.5	2.8	-	10.6	1,2,22	-7.8	15	-	-	56	90	9	22	17	13	10	7	0	0	0	1	14	20	-	1	3.89	-	-	-	
Little Rissington	21-9	226	5.0	-0.3	2.3	-	10.0	2	-6.1	14	-	-	55	96	8	2	18	12	11	6	0	5	0	3	19	25	22	0	3.83	-	-	-	
5 ENGLAND, S.E.																																	
Greater London																																	
Kensington Palace	99	25	7.3	1.3	4.3	-0.4	12.2	2,21,22	-3.3	14	4.1	5.9	45	108	11	12	18	12	5	5	0	0	0	1	11	21	-	0	-	-	-	-	
Hampstead ...	99	137	6.6	0.2	3.4	-0.1	11.0	22	-4.1	11	-	-	48	105	6	19	18	14	8	7	2	0	0	-	13	18	-	0	3.81	174	S	-	
St. James's Park	99	4	7.2	1.6	4.4	-0.5	12.8	21	-2.2	14	-	-	47	124	13	12	17	16	-	-	-	-	-	-	8	20	-	-	-	-	-	-	
London/W.Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.73	210	-	-	
Greenwich ...	99	7	7.2	1.2	4.2	-	12.2	2,21,22	-3.3	15,16	-	-	45	116	11	12	19	15	1	3	0	0	1	1	10	18	-	0	2.92	163	-	-	
Heathrow ...	21-9	25	7.0	1.1	4.1	-0.2	12.1	2,22	-4.5	15	-	-	40	97	9	12	19	13	11	2	2	0	1	0	11	19	16	0	3.77	-	-	-	
Hampton ...	99	12	7.2	1.0	4.1	-	11.7	2,21,22	-4.4	15	-	-	38	98	9	12	19	14	3	6	4	0	0	0	11	17	-	1	3.73	-	-	-	
Wealdstone ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.66	-	-	-	
Southgate ...	99	67	6.8	0.7	3.7	-	12.2	2	-4.4	14,15	4.4	-	50	115	6	2	20	13	8	6	0	1	1	0	10	19	-	0	4.05	-	-	-	
Kew*	99	5	7.0	0.8	3.9	-	12.4	2	-5.6	11	4.0	6.1	36	92	5	18	18	13	6	3	0	4	2	0	13	18	18	0	3.91	173	-	-	
	21-9	5	6.8	1.6	4.2	-0.4	12.4	22	-3.2	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Waddon ...	99	67	-	(1.1)	-	-	-	-	-5.6	15	-	-	45	89	6	12,18	19	14	-	-	-	-	-	-	11	-	-	-	-	-	-	-	
Addington ...	99	144	6.1	0.1	3.1	-0.5	11.1	2,22	-5.0	14,15	-	-	47	89	6	16	20	14	-	-	-	-	-	1	13	-	-	-	-	-	-	-	
Bromley ...	99	65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Surrey																																	
Gatwick ...	21-9	59	6.8	-0.3	3.3	-0.5	12.2	19	-7.7	15	-	-	60	109	9	11	19	14	11	6	0	1	0	2	16	20	17	0	3.50	-	-	-	
Witley ...	99	35	7.1	0.7	3.9	-0.2	12.2	22	-3.9	13,15,17	4.6	6.5	49	105	10	12	21	15	-	6	-	-	-	2	13	21	-	-	3.50	158	-	-	
Mickleham ...	99	55	7.1	-0.9	3.1	-	12.2	22	-7.8	15	3.9	5.2	32	54	5	20	15	13	-	7	-	-	-	1	15	13	-	-	-	-	-	-	
Kent																																	
Dartford ...	99	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Hadlow College	99	30	6.9	(-0.1)	(3.4)	-	12.2	2,22	-7.2	15	4.5	6.3	48	-	8	20	21	14	9	6	0	1	0	2	13	19	-	0	3.54	-	-	-	
Gillingham ...	99	4	7.0	0.8	3.9	-	12.8	22	-5.6	15	-	-	42	95	13	12	20	15	-	-	-	-	-	10	-	-	-	-	-	-	-	-	
Peckham ...	21-9	29	6.7	0.1	3.4	-	12.6	22	-7.3	15	-	-	41	-	8	12	21	12	11	6	0	0	0	0	15	19	17	0	3.95	-	-	-	
Dungeness																																	
Whitstable ...	99	3	6.9	1.2	4.1	-	12.2	22	-4.4	15	-	-	45	132	13	12	18	14	7	5	3	0	1	0	11	-	-	5	3.57	-	-	-	
Folkstone ...	99	39	6.7	1.2	3.9	-	11.7	21	-3.9	15	7.2	-	61	130	12	12	21	17	11	5	0	0	0	0	10	20	-	5	4.23	-	-	-	
Elmstone ...	99	9	-	0.2	-	-	12.2	22	-5.0	15	-	-	50	-	17	12	18	12	-	3	-	-	-	0	16	18	-	-	-	-	-	-	
Herne Bay ...	99	6	6.8	1.7	4.3	-	12.8	22	-2.2	15	-	-	46	124	11	12	20	13	6	3	0	0	0	0	8	-	-	0	3.66	-	-	-	
Dover ...	99	6	-	-	-	-	-	-	-	-	4.5	5.8	80	154	15	12	22	18	8	5	0	3	0	0	-	-	-	0	4.15	-	-	-	
Deal ...	21-9	5	6.7	1.7	4.2	-	12.1	21	-3.0	15	-	-	60	-	13	12	18	13	12	3	0	3	0	1	12	15	15	1	-	-	-	-	
Manston ...	21-9	44	6.5	1.0	3.7	-	12.0	22	-3.6	7	-	-	49	135	9	26	19	16	15	6	3	2	0	1	11	18	18	0	-	-	-	-	
Margate ...	99	16	6.7	1.8	4.3	-0.4	12.2	22	-1.1	16,17	3.9	6.1	48	-	10	12	18	13	8	2	1	0	1	1	6	-	0	3.47	130	S	-		
West Malling ...	99	93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Goudhurst ...	99	85	6.4	-0.3	3.1	-	11.1	3,19,22	-8.3	15	-	-	68	116	18	12	20	15	8	8	0	2	0	0	16	20	-	0	-	-	-	-	
East Malling	99	37	6.9	0.4	3.7	-0.1	12.8	22	-6.7	15	3.5	5.7	53	113	7	20	17	14	11	6	0	0	0	0	11	18	-	0	3.76	161	-	-	
Throwley ...	99	150	(5.9)	(-0.3)	(2.8)	-	11.7	22	-6.7	15	3.1	5.3	67	117	9	20	20	17	11	10	0	0	0	3	17	24	-	4	3.75	-	-	-	
Faversham ...	99	48	6.6	0.4	3.5	-	12.2	22	-7.2	15	3.8	5.7	48	-	7	12	20	13	7	8	0	2	0	1	13	19	-	0	3.62	-	-	-	
Wye ...	99	56	6.7	-0.1	3.3	-0.5	12.2	21,22	-5.0	15	3.8	5.5	57	102	13	12	19	15	5	7	0	0	0	3	14	22	-	0	3.84	151	-	-	
Sussex																																	
Thorney Island	21-9	3	7.4	1.6	4.5	-	11.5	2	-4.9	15	-	-	69	133	13	11	17	12	5	0	2	0	1	0	12	15	14	0	4.16	-	-	-	
Rogate ...	99	64	7.5	(-0.4)	(3.5)	-	11.7	20	-7.0	15	4.5	-	68	-	15	12	18	15	3	5	0	0	1	1	15	23	-	1	-	-	-	-	
Bognor Regis ...	99	7	7.5	1.6	4.5	0.0	11.1	21	-2.8	14,15	-	7.4	60	107	7	12	18	16	2	0	1	0	1	0	10	16	-	1	4.82	165	-	-	
Fernhurst ...	99	57	6.9	-0.2	3.3	-	11.7	2	-8.3	15	3.9	-	82	120	11	12	22	15	4	-	1	3	1	-	12	17	-	0	3.89	-	-	-	
Littlehampton	99	5	7.7	1.4	4.5	0.0	11.1	2,3	-3.9	15,16	-	6.9	64	120	11	11	19	13	3	0	0	2	0	0	8	-	-	0	4.53	155	-	-	
Rustington ...	99	3	7.8	0.7	2.3	-	11.7	21	-4.4	5	-	-	67	-	11	12	19	14	-	0	-	-	-	-	15	18	-	-	4.22	-	-	-	
North Heath ...	99	21	7.2	0.6	3.9	-	12.2	2,21	-6.1	14,15	4.2	9.2	63	-	12	12	15	14	2	5	0	0	0	1	13	16	-	0	4.24	-	-	-	
Worthing ...	99	8	7.5	1.4	4.5	0.0	10.6	21	-2.8	14,15	4.7	-	64	125	9	1	21	14	3	0	3	0	1	0	10	17	-	1	(4.72)	(161)	-	-	
Brighton ...	99	10	7.0	2.1	4.5	-	10.6	2	-2.8	15	-	7.1</																					

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

FEBRUARY, 1970

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DISTRICT, COUNTY AND PLACE			Max. Temp. hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL		WEATHER										BRIGHT SUNSHINE						
					Terminal hour 9 GMT)		Number of Days								BRIGHT SUNSHINE																		
					MEANS OF		Daily Mean (mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1916-50 average	MOST IN A DAY		Precip'n 0.2 mm or more	1.0 mm or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost below 0°C	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure
					Max. (A)	Min. (B)			Maximum	Date	Minimum	Date					Amount (mm.)	Date															
5. ENGLAND, S.E. — contd.																																	
Hampshire — contd.																																	
Southsea ...			99	2																													
Hayling Island ...			99	4	7.5	1.9	4.7	-	11.1	2	-3.3	15	-	-	61	-	11	11	18	13	0	0	1	0	1	0	7	-	3	4.40	-	-	
Long Sutton ...			99	156	(6.1)	-0.4	(2.9)	(-0.5)	10.6	2, 21, 22	-7.8	14	3.4	-	62	105	7	12	19	13	8	7	2	0	0	1	15	26	-	0	3.81	155	S
Alice Holt Lodge ...			99	115	6.3	-0.4	2.9	-	11.1	21	-8.9	15	-	-	66	111	10	11	18	14	4	7	3	0	0	0	13	20	-	0	3.75	-	-
S. Farnborough ...			99	69	6.9	-0.5	3.2	-0.7	11.9	2, 22	-8.8	15	-	-	46	94	7	12	20	13	10	6	1	1	0	1	14	19	18	0	3.49	143	-
Isle of Wight																																	
St. Catherine's Pt. ...			99	16	7.4	1.8	4.6	-0.2	10.0	2	-3.5	14	-	-	71	130	15	8	17	16	2	-	1	0	0	0	6	-	6	-	-	-	
Ventnor * ...			99	135	7.5	2.1	4.8	-0.3	10.0	1, 19, 22	-2.8	14	5.2	7.2	80	131	15	8	16	15	1	0	0	0	0	5	14	-	0	4.35	142	-	
Shanklin ...			99	55	7.3	1.6	4.5	-	10.6	1, 2	-4.4	15	-	-	74	109	10	8	17	14	3	-	1	0	0	0	10	-	3	4.27	-	-	
Sandown ...			99	4																													
Ryde ...			99	5	(7.9)	2.4	(5.1)	(0.0)	11.7	21	-2.8	15	-	-	62	107	11	11	17	14	5	0	1	0	0	6	-	8	4.07	143	S	-	
Wiltshire																																	
Lacock ...			99	49	6.7	-2.3	2.2	-	11.7	2	-8.9	15	-	-	51	92	7	19	16	14	-	6	-	-	-	0	19	21	-	-	-	-	
West Lavington ...			99	93																													
Lynham ...			21-9	145	5.8	0.3	3.1	-0.6	11.5	22	-6.8	15	-	-	43	81	8	21	18	14	13	6	3	2	1	2	14	19	19	1	4.04	-	-
Larkhill ...			99	132	6.5	-0.2	3.1	-0.5	11.7	21	-7.4	15	-	-	53	104	7	11	19	13	3	6	0	0	0	0	15	18	18	1	-	-	-
Boscombe Down ...			21-9	126	6.4	0.3	3.3	-0.6	11.6	2	-6.6	15	-	-	36	70	5	1	18	12	9	6	1	2	0	1	16	21	20	2	4.06	154	-
Upavon ...			21-9	176	5.7	-0.1	2.8	-	11.4	21	-6.8	14	-	-	49	89	7	11	19	14	8	6	0	5	0	1	16	21	17	0	-	-	-
Porton ...			99	111	6.4	-0.7	2.9	-0.7	11.5	2	-9.1	15	3.4	-	45	81	8	11	18	13	-	6	-	-	-	1	15	20	19	-	3.76	140	-
7a. ENGLAND, N.W.																																	
Cumberland																																	
Sellafield ...			99	13	(6.3)	-	-	-	11.1	23	-	-	-	-	35	50	21	1	8	6	-	1	-	-	-	-	-	-	-	4.13	-	-	-
Carlisle ...			21-9	26	5.5	-0.7	2.4	-	10.3	1	-6.9	11	-	-	51	-	12	21	16	9	12	2	4	0	0	0	15	17	17	1	4.00	-	-
Newton Rigg ...			99	171	4.6	-1.6	1.5	-1.4	9.4	21	-7.8	15	1.9	-	92	148	23	2	17	13	-	5	-	-	-	0	17	21	-	-	3.41	146	-
Spadeadam ...			99	274	3.1	-3.6	-0.3	-	7.8	1	-9.4	15	1.4	3.2	110	-	19	16	19	15	13	14	0	0	0	2	18	24	-	1	3.36	-	-
Westmorland																																	
Ambleside ...			99	46	5.7	-0.8	2.5	-	10.0	1, 21	-7.2	15	-	-	186	122	38	19	16	14	5	4	6	0	0	0	15	-	0	-	-	-	
Great Dun Fell ...			21-9	848	-2.1	-5.2	-3.7	-	4.4	21	-10.8	16	-	-	-	-	-	-	-	-	-	-	-	-	-	20	28	-	-	2.01	-	-	
Moor House ...			99	556	0.4	-5.3	-2.5	-	5.6	21	-15.0	12	0.7	-	280	195	39	19	23	21	-	26	-	-	-	2	26	28	-	-	2.30	-	-
Lancashire																																	
Squires Gate ...			21-9	10	5.9	0.6	3.3	-0.8	8.9	19	-6.1	15	-	-	65	119	9	16	17	16	7	3	1	7	0	2	12	16	16	2	3.94	160	-
Aigburth ...			99	14	6.2	1.4	3.8	-	11.3	21	-3.2	15	2.9	6.4	65	-	10	9	20	16	12	3	4	6	0	2	9	16	-	0	3.61	-	-
Southport ...			99	5	5.7	0.0	2.9	-	10.6	1	-5.6	15, 16	2.8	6.9	79	143	15	4	18	16	-	3	-	-	-	3	15	18	-	-	3.76	-	-
Poulton-le-Fylde ...			99	12	(5.8)	(0.1)	(2.9)	-	9.4	1, 19	-5.6	6, 15	-	-	-	-	-	-	-	-	-	-	-	-	-	14	-	-	-	-	-	-	
Cartmel ...			99	34	5.6	(-1.7)	(1.9)	-	8.9	21	-8.3	16	-	-	86	-	14	1	15	11	-	2	-	-	-	0	17	-	-	-	-	-	
Grizedale ...			99	91																													
Speke ...			21-9	22	5.9	1.0	3.5	-0.7	11.0	21	-5.1	15	-	-	71	136	11	16	18	18	15	4	8	1	3	3	11	16	18	0	3.52	-	-
Kirkham ...			99	24	5.9	-0.5	2.7	-	11.7	21	-7.2	6	-	-	72	114	9	4	17	15	5	5	0	4	0	1	16	18	-	0	3.65	-	-
Bailrigg ...			99	50	(5.4)	(-0.8)	(2.3)	-	9.1	1	-6.0	15	-	-	64	-	12	19	15	12	-	2	-	-	-	0	16	20	-	-	3.51	-	-
Morecambe ...			99	7	5.4				9.4	1			-	-	69	106	12	19	15	11	4	2	0	0	0	0	12	-	0	4.07	166	-	-
Preston ...			99	33	5.7	-0.3	2.7	-	10.0	21	-5.6	6, 15	-	-	86	127	11	20	18	15	7	1	2	4	0	5	16	18	-	2	-	-	-
Bolton ...			99	107	5.0	-0.6	2.2	-	10.0	21	-6.7	15	2.8	-	132	-	21	21	19	16	-	4	-	-	-	1	17	18	-	-	2.77	-	-
Stonyhurst ...			99	115	5.2	-0.7	2.3	-1.0	9.4	1	-7.2	15	-	-	122	132	20	20	17	15	-	8	-	-	-	0	16	19	-	-	3.28	157	-
Manchester/W. Centre ...			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.56	-	-
Helmshore ...			99	260	3.7	-1.4	1.1	-	8.9	21	-7.8	11	2.4	-	171	139	32	21	21	16	-	17	-	-	-	3	17	21	-	-	2.96	-	S
Burnley																																	

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS FEBRUARY, 1970

DISTRICT, COUNTY AND PLACE	Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days												BRIGHT SUNSHINE		
				MEANS OF		Daily Mean (mean of A & B)	Difference from 1931-50 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1916-50 average	MOST IN A DAY		Precip'n 0.2 mm or more	1.0 mm or more	Snow or Sleet	Snow lying at thr.	Hail	Ice Pellets etc.	Thunder heard	Fog at thr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1911-50 average	Exposure
				Max. (A)	Min. (B)			Maximum	Date	Minimum	Date					Amount (mm)	Date															
8a. SOUTH WALES.																																
Cardigan																																
Aberporth ...	21-9	133	6.0	2.5	4.3	-0.5	10.7	1	-2.3	13	-	-	79	100	17	2	19	14	10	2	0	6	0	0	5	7	7	11	3.44	-	-	
Gogerddan ...	99	31	6.7	0.8	3.7	-	11.1	1	-5.6	14	-	-	91	117	11	2	21	15	7	2	1	0	0	0	12	16	-	0	3.20	-	-	
Swyddffynnon ...	99	165	5.8	0.0	2.9	-	10.6	1	-7.2	14	-	-	151	149	19	19	15	15	-	8	-	-	-	1	14	18	-	-	3.26	-	-	
Trawscoed ...	99	61	6.1	-	-	-	10.0	1,2,19	-	-	5.1	-	93	103	17	2	16	12	2	0	1	0	0	1	-	23	-	0	2.87	-	-	
Llety-cvan-hen ...	99	290	4.3	0.0	2.1	-	9.4	1	-4.4	14	-	-	134	120	17	20	17	16	5	2	7	0	0	2	14	16	-	1	2.81	117	-	
Cwmystwyth ...	99	301	-	0.7	-	-	-	-	-7.2	14	-	-	209	-	31	20	19	19	-	9	-	-	-	-	16	18	-	-	-	-	-	
Pembroke																																
Dale Fort ...	99	33	7.9	3.3	5.6	-	10.6	1,2	-1.1	13,27	5.3	-	68	-	17	11	19	13	1	0	1	6	1	0	4	13	-	2	3.64	-	-	
Milford Haven C.B.*	21-9	37	7.5	3.1	5.3	-	10.5	2	-1.8	13	-	-	60	-	11	16	15	11	5	1	1	1	0	0	5	10	10	8	-	-	-	
Orielton ...	99	61	(7.6)	(1.6)	(4.6)	-	10.6	1,2	-2.8	7	-	-	90	-	19	11	17	14	-	-	-	-	-	-	10	-	-	-	-	-	-	
Haverfordwest ...	99	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Carmarthen																																
Carmarthen ...	99	15	7.7	0.6	4.1	-	11.7	2	-3.9	13,14,27	5.1	-	100	-	14	1	19	16	2	1	3	0	0	1	14	20	-	5	3.51	-	-	
Brynamman ...	21-9	183	5.9	0.5	3.2	-	10.0	1	-5.5	14	-	-	144	-	18	20	21	18	7	-	2	3	0	0	13	16	-	0	-	-	-	
Radnor																																
Cenarth Mill ...	21-9	282	4.1	-0.9	1.6	-	10.1	1	-10.7	13	-	-	174	-	17	21	23	18	-	7	-	-	-	1	15	16	-	-	-	-	-	
Llandrindod Wells	99	235	5.1	-1.2	1.9	-1.2	9.4	1,20,21	-9.4	13	3.4	-	138	169	16	19	22	19	9	10	6	0	0	0	15	-	-	0	2.54	114	S	
Brecknock																																
Llwynon ...	99	262	5.2	-0.9	2.1	-	9.4	2	-7.2	13	-	-	204	-	28	21	22	21	8	3	0	0	0	3	16	-	-	0	-	-	-	
Glamorgan																																
Mumbles ...	21-9	37	7.0	2.5	4.7	-	10.4	2	-3.0	14	-	-	-	-	-	-	-	-	3	0	3	0	0	0	4	15	13	3	-	-	-	
Penmaen ...	99	82	6.9	1.6	4.3	-	10.0	1,2,21	-3.3	14	4.9	5.9	114	-	18	20	20	16	5	0	0	3	0	0	12	17	-	1	-	-	-	
Swansea ...	99	8	2.1	-	-	-	-	-	-2.2	14	4.2	6.8	115	140	17	20	17	15	3	0	1	0	0	0	7	-	-	0	3.84	142	S	
Port Talbot ...	99	7	7.8	2.0	4.9	-	11.1	1	-3.9	6	-	-	106	136	16	20	20	13	6	0	1	0	0	0	8	13	-	-	3.65	-	-	
Neath ...	99	62	7.5	1.7	4.6	-	11.7	2	-3.3	14	-	-	121	131	19	20	21	15	3	0	2	1	0	0	9	16	-	1	-	-	-	
Rhose ...	21-9	67	6.7	1.4	4.1	-	10.4	1,2	-4.4	14	-	-	102	162	17	20	17	12	6	2	8	0	1	0	14	15	15	0	3.77	140	-	
Cardiff ...	99	62	7.4	1.3	4.3	-0.3	11.1	1,22	-2.8	14,15	4.8	6.4	128	168	22	2	18	16	2	-	0	0	0	0	8	27	-	-	3.81	-	S	
Monmouth																																
Tredegar ...	99	313	4.8	-0.9	1.9	-	10.0	3	-7.8	13	-	-	189	136	19	1	23	20	12	13	0	0	0	3	17	(24)	-	2	-	-	S	
Newport ...	99	23	7.2	(-0.5)	(3.3)	(-1.1)	11.1	1,2	-3.9	9,15,27	-	-	123	166	17	2	19	17	8	3	0	0	0	0	17	21	-	0	4.13	-	-	
Usk ...	99	21	6.9	-0.4	3.3	-	11.1	3,20,22	-6.7	13	3.6	-	85	113	14	1	13	12	-	2	-	-	-	7	(14)	-	-	-	-	-	-	
Crumbland ...	99	245	5.2	-0.6	2.3	-	9.4	1,20,22	-6.1	14	3.1	5.0	75	100	11	19	18	13	6	8	0	0	0	0	15	20	-	0	3.74	-	-	
8b. ENGLAND, S.W.																																
Somerset																																
Hawkridge ...	99	314	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Nettlecombe ...	99	96	7.2	1.1	4.1	-	12.2	1,22	-	15	4.8	-	108	-	13	11	18	17	2	5	1	3	0	1	13	23	-	0	-	-	-	
Cannington ...	99	29	7.3	1.6	4.5	-	12.8	22	-3.9	15	5.5	-	64	120	9	20	20	18	2	-	0	1	0	0	10	16	-	0	3.83	141	-	
Weston-super-Mare	99	9	7.1	1.9	4.5	-0.4	10.6	1,2,22	-2.8	6,15	-	-	72	131	10	2	15	14	4	0	1	2	0	0	8	14	-	3	3.93	149	-	
Cricket Malherbie	99	76	7.2	0.8	4.0	-	11.7	1,2,21	-5.6	15	-	-	75	-	13	11	21	17	4	-	0	2	0	0	11	15	-	0	-	-	-	
Cheddar ...	99	11	(7.6)	(0.8)	(4.2)	-	12.2	1,22	-5.6	13	(4.8)	-	72	-	11	11	18	15	-	0	-	-	-	-	11	20	-	-	-	-	-	
Yeovilton ...	21-9	18	7.5	0.8	4.1	-	12.6	2,22	-6.2	15	-	-	55	-	11	11	19	15	5	1	4	0	0	0	13	18	18	4	-	-	-	
Rodney Stoke ...	99	40	7.1	0.4	3.7	-	11.7	2,22	-4.4	14,15	4.8	6.9	76	-	11	20	19	16	-	2	-	-	-	2	13	22	-	-	-	-	-	
Long Ashton	99	49	7.1	1.1	4.1	-0.4	11.7	1	-3.9	15	4.4	-	68	104	9	22	17	13	3	1	0	2	1	0	13	19	-	1	3.76	157	-	
West Camel ...	99	27	7.6	0.0	3.8	-	12.2	2,22	-6.1	15	-	-	60	-	11	11	19	17	7	2	6	0	0	0	14	23	-	1	-	-	-	
Wincanton ...	99	114	6.8	(0.2)	(3.5)	-	11.7	2,22	-8.9	5	-	-	87	-	13	20	21	20	4	5	2	0	0	2	14	23	-	0	-	-	-	
Bath C.B.S.**	99	118	6.8	0.9	3.9	-	14.4	22	-5.0	15	4.5	-	56	97	7	21	18	15	5	6	0	0	0	0	12	-	-	0	-	-	-	
Dorset																																
Portland Bill C.G.	21-9	53	7.1	3.1	5.1	-	10.7	2	-2.5	14	-	-	64	-	17	8	18	14	1	0	3	0	1	0	4	8	8	8	3.81	-	-	
Weymouth ...	99	5	8.2	1.7	4.9	-	11.1	1,2,8	-3.9	15	-	-	75	-	17	8	17	14	2	0	0	1	0	0	13	-	-	0	3.81	-	-	
Wimfrith ...	99	26	7.9	1.2	4.5	-	12.8	22	-5.0	15	-	-	84	-	20	11	18	15	-	0	-	-	-	1	11	17	-	-	-	-	-	
Shaftesbury ...	99	207	5.6	0.2	2.9	-0.6	10.6	2	-3.9	13	-	-	93	150	15	11,25	17	16	-	7	-	-	-	-	3	13	-	-	-	-	-	
Swanage ...	99	11	8.4	1.7	5.1	-	11.7	2,3	-3.3	15	-	7.8	-	-	-	-	19	14	4	-	1	0	0	0	9	14	-	1	4.23	150	-	
Poole ...	99	5	8.0	1.2	4.6	-	11.7	2,21	-4.4	15	4.7	7.2	65	108	17	11	18	13	3	0	1	1	0	0	12	20	-	0	4.03	142	-	
Devon																																
Virginstow ...	99	168	(6.6)	1.4	(4.0)	-	10.9	1	-2.9	14	-	-	121	-	19	16	22	20	4	-	3	0	0	0	11	16	-	0	-	-	-	
Hartland Point	21-9	91	7.1	3.6	5.3	-	10.8	2	-2.5	28	-	-	83	124	13	20	20	15	2	0	5	2	0	0	5	7	9	7	3.09	114	-	
Mount Batten	21-9	27	8.0	3.6	5.8	0.0	11.8	2	-1.6	6	-	-	111	140	34	11	21	18	6	0	1	7	0	0	6	10	6	3	3.53	124	-	
Plymouth, The Hoe	99	36	8.3	2.6	5.5	-0.3	12.2	21	-2.2	14	6.1	8.0	96	123	32	11	22	18	3	0	0	0	0	10	20	-	3	3.54	123	-		
Tavistock ...	99	139	7.4	0.9	4.1	-0.7	11.1	1,2,22	-3.9	12,14	-	-	132	120	15	8	21	19	7	5	1	3	0	9	25	-	0	-	-	-	-	
Chivonor ...	21-9	6	7.9	3.1	5.5	-0.6	11.9	1	-2.6	6	-	-	102	155	22	16	21	17	4	1	1	7	0	0	6	10	10	2	3.26	-	-	
Ilfracombe ...	99	8	8.2	3.6	5.9	-0.1	11.7	1,2	-0.6	6,13	-	-	95	133	15	20	19	16	1	0	0	2	0	2	8	-	1	-	-	-	-	
Salcombe ...	99	116	7.7	-	-	-	10.6	1,2	-2.8	14	-	-	98	-	24	11	21	18	6	-	3	0	1	1	-	-	-	0	3.56	-	-	
Totnes ...	99	85	7.8	1.5	4.7	-	12.2	21,22	-6.1	15	5.7	7.3	141	-	28	11	17	16	3	0	0	1	1	1	10	14	-	0	(3.30)	-	-	
Cheldon Barton	21-9	163	6.3	1.2	3.7	-	10.7	1,22	-7.3																							

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS FEBRUARY, 1970

DISTRICT, COUNTY AND PLACE		Max. Temp. in GMT of Observation	Height of Station above MSL (feet)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURES °C		RAINFALL (Terminal hour 9 GMT)			WEATHER Number of Days										BRIGHT SUNSHINE					
				MEANS OF		Daily Mean (mean of A & B)	Difference from 1931—50 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1919—50 average	MOST IN A DAY		Precip'n 0.2 mm or more	1.0 mm or more	Snow or Sleet	Snow lying at hr.	Haar	Ice Pellets etc.	Thunder heard	Fog at hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C.	Gale	Daily Mean (hr.)	Percentage of 1931—50 average	Exposure
				Max. (A)	Min. (B)			Maximum	Date	Minimum	Date	Amount (mm.)	Date																			
9. NORTHERN IRELAND																																
Londonderry																																
Loughmore Forest	99	174	4.0	-1.7	1.1	-	9.6	21	-11.5	13	-	-	135	-	19	19	23	21	15	2	0	0	0	19	23	-	1	-	-	-	-	
Ballykelly §§	21-9	2	6.2	0.5	3.3	-1.5	11.3	21	-6.2	13	3.6	6.0	115	186	18	1	23	20	15	2	12	3	0	11	17	19	1	3.38	126	-	-	
Banagher, Caugh Hill			4.5	-1.0	1.7	-	9.7	21	-5.0	13	-	-	141	-	21	1	24	20	13	13	3	0	0	20	23	-	1	-	-	-	-	
Derrynoyd Forest	99	88	5.8	-0.4	2.7	-	9.8	21	-5.2	13	-	-	137	-	21	19	23	18	11	8	0	0	0	2	17	24	-	-	-	-	-	
Somerset Forest	99	43	6.1	-0.4	2.9	-	10.6	21	-7.0	13	-	-	153	-	19	19	27	20	8	0	2	0	1	0	13	21	-	-	-	-	-	
Coleraine Univ....	99	23	6.1	0.0	3.1	-	11.1	21	-6.1	13	3.4	5.3	144	-	20	16	23	19	12	5	4	9	0	1	13	20	-	2	3.33	-	-	
Garvaghy Forest	99	88	5.7	-0.6	2.5	-	10.6	21	-6.7	13	3.4	6.3	159	-	20	19	27	22	13	10	4	0	1	0	17	22	-	-	-	-	-	
Moneydig ¶	21-9	34	6.1	-0.4	2.9	-1.3	11.1	21	-6.9	13	3.3	-	133	185	19	19	24	18	18	7	4	4	1	1	16	22	19	2	-	-	-	
Antrim																																
Portrush Golf Club	99	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ballymoney ...	99	55	6.1	-1.9	2.1	-	10.6	21	-7.2	13	-	-	134	-	24	19	23	21	12	-	0	3	0	0	22	-	-	-	-	-	-	-
Lisnafillan ...	99	38	6.0	-1.7	2.1	-	11.1	21	-7.2	6	-	-	108	-	21	19	21	18	10	6	0	0	0	2	17	21	-	-	3.26	-	-	-
Aldergrove §§	21-9	69	5.4	-0.5	2.5	-1.7	10.1	1	-5.8	6	3.4	6.3	97	142	17	19	20	17	16	3	5	0	0	0	14	19	19	0	3.47	152	-	-
Greenmount ...	99	32	6.0	-1.2	2.4	-	10.6	1	-7.2	13	3.2	-	92	-	19	19	20	15	6	4	1	0	0	-	16	20	-	-	-	-	-	-
Altnahinch ...	99	226	3.9	-1.6	1.1	-	8.9	1,21	-8.3	13	-	-	167	-	24	19	25	22	20	16	1	2	0	1	18	25	-	3	3.14	-	-	-
Parkmore Forest	99	235	4.0	-1.4	1.3	-	8.3	1,21	-6.1	6	2.7	-	189	166	34	19	22	21	15	16	0	0	0	0	18	24	-	2	-	-	-	-
Black Mountain	21-9	295	3.4	-0.8	1.3	-	8.8	21	-5.2	6	-	-	88	-	15	19	20	15	10	9	0	0	0	4	22	-	1	-	-	-	-	-
Lowtown ...	99	271	3.6	-1.6	1.0	-	8.9	1	-6.7	13	2.7	-	137	-	30	19	23	17	14	16	0	0	0	2	21	24	-	2	3.16	-	-	-
Ballypatrick Forest	99	152	4.7	-1.0	1.9	-	9.9	1	-8.2	13	-	-	166	186	21	16	22	19	13	12	5	0	1	0	18	18	-	9	2.84	115	-	-
Belfast, Malone*	99	35	6.1	-0.3	2.9	-	11.7	21	-5.6	13	3.2	-	83	-	20	1	16	12	4	-	0	0	0	1	15	21	-	-	3.80	-	-	-
Newtownabbey	99	32	6.5	0.9	3.7	-	12.2	21	-2.2	13	3.9	-	113	-	24	1	19	15	9	3	6	0	0	0	9	16	-	2	3.75	-	-	-
Woodburn, North	99	217	4.4	-1.0	1.7	-	9.4	21	-5.6	13	-	-	107	118	18	1	19	18	10	7	2	2	0	1	19	23	-	-	-	-	-	-
Larne ...	99	43	6.7	0.3	3.5	-	10.7	1	-3.3	6	-	-	109	137	23	19	21	16	9	9	2	3	0	1	13	-	-	-	-	-	-	-
Kilroot	99	22	6.3	-0.1	3.1	-	11.1	21	-5.6	27	-	-	86	-	17	19	20	19	4	1	0	0	0	0	15	22	-	-	-	-	-	-
Ballylumford ...	99	24	6.2	0.4	3.3	-	11.1	21	-3.3	6,27	-	-	95	-	24	19	17	13	2	-	0	0	0	-	12	19	-	-	-	-	-	-
Down																																
Hillsborough §	99	116	5.2	-0.6	2.3	-1.7	11.1	21	-5.0	13	3.8	5.7	75	113	19	19	16	15	7	4	0	0	0	0	17	23	-	1	3.23	139	-	-
Kilkeel ...	21-9	18	6.4	1.4	3.9	-1.2	11.2	21	-2.1	17	-	-	98	-	19	16	18	13	5	0	2	0	0	0	8	17	16	1	4.07	-	-	-
Tollymore Park	99	76	6.2	0.3	3.3	-	12.8	21	-2.8	6,13,27	-	-	107	109	27	1	16	15	5	1	0	0	0	0	12	21	-	-	-	-	-	-
Rosetta ...	99	24	6.1	-0.4	2.9	-	12.2	21	-6.1	13	-	-	82	-	18	19	17	14	1	0	0	0	0	2	16	-	-	-	-	-	-	-
Murlough ...	99	9	7.0	-0.6	3.2	-	13.3	21	-5.6	13	3.3	5.4	92	-	21	16	17	12	7	1	2	3	0	0	16	23	-	1	3.82	-	-	-
Stormont Castle	99	56	6.3	0.5	3.4	-	11.1	21	-2.2	6,13	3.2	5.4	81	117	20	19	16	13	8	3	0	2	0	6	15	24	-	1	3.39	-	-	-
Downpatrick ...	99	21	6.6	0.1	3.3	-	11.7	21	-3.9	13,14,27	-	-	69	-	16	16	17	11	-	-	-	-	-	0	13	21	-	-	-	-	-	-
Creighton's Green	99	119	5.5	0.3	2.9	-	10.6	21	-3.9	13	-	-	84	-	20	19	18	12	9	3	4	0	0	0	12	21	-	2	-	-	-	-
Reagh Island**	99	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Helen's Bay ...	99	43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Killough	21-9	15	6.2	0.9	3.5	-	11.6	21	-3.5	6	-	-	71	-	18	19	17	11	5	0	0	0	0	0	12	17	-	1	-	-	-	-
Ballyhalbert ...	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Armagh																																
Armagh §§	99	62	5.8	-0.3	2.7	-1.9	11.1	21	-5.6	13	3.7	5.8	104	185	19	19	19	15	13	11	2	1	0	2	16	24	-	1	2.90	123	-	-
Loughgall ...	99	25	6.3	-0.3	3.0	-	11.7	21	-6.7	13	-	-	97	184	18	19	19	15	7	4	2	0	0	0	16	22	-	1	3.44	-	-	-
Bessbrook ...	-	76	-	-	-	-	-	-	-	-	-	-	125	172	22	19	18	14	-	-	-	-	-	-	-	-	-	-	3.36	134	-	-
Portadown ...	99	16	6.2	-0.3	2.9	-	11.7	21	-6.1	13	3.9	6.4	94	-	17	1	19	14	0	-	0	0	0	-	13	19	-	-	-	-	-	-
Lurgan ...	99	55	6.3	-0.6	2.9	-	11.1	21	-5.6	6	3.2	5.9	81	-	16	19	15	14	-	-	-	-	-	-	15	20	-	-	3.42	-	-	-
Tyrone																																
Lough Bradan ...	99	169	4.9	-1.2	1.9	-	10.0	21	-6.7	13	-	-	179	-	28	1	20	18	-	9	-	-	-	0	17	24	-	-	3.16	-	-	-
Baronscourt Forest	99	88	5.8	-0.5	2.7	-	10.6	21	-7.5	13	-	-	128	-	21	19	22	16	11	15	3	0	0	0	15	24	-	-	-	-	-	-
Strabane Convent	99	44	6.4	-0.1	3.1	-	10.9	21	-5.3	13	-	-	110	-	17	1	23	17	11	7	0	1	2	14	21	-	3	3.20	-	-	-	-
Carrigans ...	21-9	113	5.5	-0.2	2.7	-	10.5	21	-5.0	13	-	-	141	-	21	19	21	19	16	12	8	0	0	1	16	20	20	1	-	-	-	-
Lislap Forest ...	99	209	4.7	-2.3	1.2	-	8.9	1,21	-6.7	6,7	3.0	-	142	148	27	19	23	20	12	14	0	0	0	0	23	25	-	0	-	-	-	-
Knockmany Forest	99	73	5.6	-2.2	1.7	-	10.7	1	-9.2	13	-	-	155	207	22	1	20	17	10	11	2	0	0	2	21	24	-	-	-	-	-	-
Pomeroy Forest	99	165	4.7	-1.2	1.7	-	10.0	1,21	-6.1	13	3.1	-	148	-	26	19	21	16	12	15	0	0	0	0	2	18	25	-	1	-	-	-
Cookstown ...	99	77	5.4	-0.2	2.6	-	11.1	1	-3.9	6	3.1	-	123	180	23	19	22	16	8	-	0	0	0	0	15	23	-	-	3.86	-	-	-
Fermanagh																																
Roscor ...	99	143	5.8	0.2	3.0	-	10.8	21	-4.8	13	-	-	189	227	26	19	24	19	9	4	6	0	3	0	12	21	-	-	-	-	-	-
Lough Navar Forest	99	148	5.5	-0.4	2.5	-	9.7	21	-6.6	13	-	-	214	-	28	19	23	22	11	11	6	0	1	1	16	22	-	3	-	-	-	-
C.Archdale Forest §§	99	66	5.8	-0.2	2.8	-1.7	10.0	1,21	-5.6	13	3.7	5.2	159	215	21	19	23	19	4	2	3	0	0	0	12	21	-	0	3.24	133	-	-
Lisnaskea ...	99	49	6.0	-0.3	2.9	-	11.1	21	-5.6	13	-	-	142	-	20	19	19	17	9	-	1	2	0	0	13	18	-	0	3.29	-	-	-
Pubble Forest ...	99	91	5.8	-0.7	2.5	-	10.7	21	-6.0	13	-	-	162	-	27	19	23	17	5	4	4	0	0									

*See Notes on Tables in the Introduction.

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS FEBRUARY, 1970

Height of Barometer above M.S.L. in metres	Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Okta's)					VISIBILITY (Metres and Kilometres)										WIND SPEED AND DIRECTION																		
		At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	MEAN	0	1-2	3-5	6-7	8	9	0-10 m.	40-100 m.	200-300 m.	400-500 m.	1000-1500 m.	2000-3000 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.				
																									8 or more	4, 7	4, 8	1-3	Calms												
																																						SPEED IN KNOTS			
																																						22-33	11-21	1-10	0
Number of Observations																																									
6a SCOTLAND, W. - contd.																																									
Abbotsinch [Renfrew]																																									
9	3	1004.4	-	0.3	0.5	5.7	89	4.3	6	5	3	8	5	1	0	0	0	0	2	2	7	7	5	5	0	1	9	12	6	0	2	2	0	1	7	7	3				
	3	1005.7	-7.3	0.8	0.8	5.6	84	5.2	1	6	4	13	4	0	0	0	0	0	5	6	8	5	4	0	2	8	13	5	3	2	0	1	2	5	10	0	0				
	15	1005.8	-	4.2	1.5	6.3	76	5.4	1	4	7	9	7	0	0	0	0	0	2	4	10	7	5	0	3	12	10	3	1	3	0	1	3	4	10	0	0				
	21	1005.1	-	1.4	0.8	5.9	85	4.6	1	9	4	7	7	0	0	0	0	0	7	6	8	6	1	0	2	6	14	6	2	1	3	0	2	9	5	0	0				
Salsburgh [Lanark]																																									
	9																																								
	15																																								
	21																																								
Prestwick [Ayr]																																									
21	3	1004.9	-	1.1	0.6	6.0	88	4.7	6	3	4	7	7	1	0	0	0	0	1	8	16	3	0	0	4	8	9	7	1	2	4	1	1	1	9	2	0				
	9	1006.3	-6.7	1.0	0.6	5.9	88	4.9	1	6	8	8	5	0	0	0	0	0	7	10	9	1	1	0	1	9	12	6	2	1	2	4	2	1	8	2	0				
	15	1006.2	-	4.3	1.5	6.4	76	5.1	0	4	10	11	3	0	0	0	0	1	1	8	10	7	1	0	1	11	14	2	4	2	1	0	3	3	9	4	0				
	21	1005.6	-	2.0	0.7	6.3	87	4.5	3	6	5	8	6	0	0	0	0	1	10	14	3	0	0	1	15	9	3	3	1	0	4	2	3	10	2	0	0				
Eskdalemuir [Dumfries]																																									
237	3	1005.2	-	-0.9	0.5	5.2	87	4.7	5	3	8	1	10	1	0	0	1	1	3	10	7	6	0	0	2	11	9	6	6	0	1	1	3	5	4	2	0				
	9	1006.1	-7.2	-0.8	0.7	5.1	85	4.5	3	7	5	8	0	0	0	1	1	2	5	10	7	2	1	3	7	9	8	7	0	1	0	1	4	5	2	0	0				
	15	1006.1	-	2.3	1.4	5.5	75	4.7	0	8	6	9	5	0	0	0	1	0	1	4	9	10	3	0	4	11	9	4	2	2	0	0	4	1	9	6	0				
	21	1005.7	-	-0.2	0.7	5.3	84	4.5	7	2	7	2	9	1	0	2	0	0	1	1	2	9	11	2	0	5	7	8	8	5	0	0	1	3	3	7	1	0			
Mull of Galloway [Wigtown]																																									
79	3	1005.3	-	2.8	0.9	6.4	84	3.6	6	7	4	6	5	0	0	0	0	0	0	1	0	10	17	1	9	12	5	1	6	3	1	3	3	4	6	1	0				
	9	1006.8	-	2.8	0.8	6.5	86	4.9	1	6	7	8	6	0	0	0	0	0	1	0	21	6	2	9	9	7	1	7	2	3	0	2	2	8	3	0	0				
	15	1007.0	-	4.9	1.6	6.5	75	5.0	1	5	9	5	8	0	0	0	0	0	0	1	4	18	5	0	6	13	6	3	7	1	1	1	5	1	8	1	0				
	21	1006.4	-	3.4	1.1	6.5	82	4.1	4	8	4	6	6	0	0	0	0	0	0	0	1	12	15	1	8	15	2	2	5	1	1	0	4	3	11	1	0				
6b. ISLE OF MAN																																									
Ronaldsway																																									
21	3	1006.3	-	3.5	1.0	6.5	82	4.7	0	7	8	9	4	0	0	0	0	0	1	3	2	15	7	0	6	12	10	0	8	0	2	2	0	4	10	2	0				
	9	1007.7	-6.3	3.8	1.2	6.5	79	5.2	0	8	3	12	5	0	0	0	0	0	0	3	7	10	8	0	6	11	11	0	5	5	0	0	2	4	10	2	0				
	15	1007.7	-	5.6	1.8	6.6	72	5.7	0	4	4	14	6	0	0	0	0	0	1	6	9	12	0	3	15	10	0	6	0	0	3	1	2	3	9	4	0				
	21	1007.5	-	3.8	1.2	6.5	80	5.6	1	5	4	10	8	0	0	0	0	0	0	3	7	10	8	0	4	16	7	1	5	2	1	0	2	3	12	2	0				
Point of Ayre																																									
9	3	1006.3	-	3.4	0.8	6.7	85	4.9	0	7	7	8	6	0	0	0	0	1	0	1	5	10	11	0	9	11	7	1	4	4	1	3	0	6	7	2	0				
	9	1007.6	-	3.5	0.8	6.9	86	4.9	0	5	11	8	4	0	0	0	0	0	0	1	5	12	10	1	6	14	7	0	6	3	1	2	1	1	12	2	0				
	15	1007.7	-	5.4	1.5	6.9	76	5.1	1	3	10	9	5	0	0	0	0	0	0	0	4	15	9	0	3	15	10	0	6	2	2	1	1	4	8	4	0				
	21	1007.3	-	3.9	1.0	6.8	82	4.8	0	7	9	5	7	0	0	0	0	0	0	0	4	12	12	1	5	15	7	0	3	2	2	1	1	3	13	3	0				
2. ENGLAND, N.E.																																									
Acklington [Northumberland]																																									
46	3	1004.0	-	1.1	0.8	5.8	86	3.9	6	7	3	5	7	0	0	0	1	0	1	2	7	10	7	0	4	11	13	0	4	1	0	0	6	0	9	8	0				
	9	1004.7	-8.0	1.3	0.8	5.8	86	5.3	0	4	8	11	3	2	0	0	3	0	3	4	9	7	2	1	6	8	13	0	6	0	0	2	2	0	14	4	0				
	15	1005.2	-	3.7	1.5	6.0	75	4.9	0	5	11	8	4	0	0	0	0	0	2	4	6	9	7	0	7	10	11	0	8	3	0	0	4	0	8	5	0				
	21	1005.1	-	1.4	0.7	6.0	86	4.6	3	6	5	7	6	1	0	0	0	1	3	3	6	11	4	0	2	10	16	0	3	3	0	0	4	2	14	2	0				
Tynemouth [Northumberland]																																									
40	3																																								
	9	1005.4	-7.8	1.9	1.0	5.8	82	5.0	0	5	9	7	7	0	0	0	1	2	5	9	10	1	0	1	5	15	7	0	3	1	1	1	3	1	17	1	0				
	15	1006.1	-	3.9	1.4	6.3	78	5.5	0	3	10	10	5	0	0	0	0	1	1	7	17	2	0	1	7	13	7	0	4	1	1	0	4	1	8	9	0				
	21	1005.8	-	2.6	0.9	6.3	84	4.4	6	4	6	5	7	0	0	0	0	1	10	17	0	0	0	5	14	9	0	2	2	1	0	0	5	0	14	5	0				
Seahouses [Northumberland]																																									
12	3	1003.8	-	2.0	0.9	6.0	83	4.7	1	6	7	8	5	1	0	0	0	0	1	5	14	6	2	1	5	12	10	0	4	3	0	0	4	1	16	0	0				
	9	1004.3	-	2.0	0.9	6.0	84	5.7	0	5	7	6	9	1	0	0	2	0	2	3	10	4	7	1	9	8	10	0	3	1	1	1	4	1	13	4	0				
	15	1004.9	-	4.1	1.4	6.4	78	5.1	0	4	11	7	5	1	0	0	1	0	2	4	3	9	9	0	8	11	9	0	5	3	1	0	3	1	9	6	0				
	21	1004.7	-	2.3	0.9	6.1	84	5.3	0	8	5	4	11	0	0	0	0	3	5	16	4	0	0	4	9	15	0	3	3	0	0	4	3	14	1	0					
Leeming [Yorks, N.Riding]																																									
33	3	1005.7	-	1.2	0.9	5.6	83	4.6	0	8	7	8	5	0	0	0	1	1	1	8	3	8	6	0	2	11	11	4	5	0	0	2	5	0	8	4	0				
	9	1006.3	-7.6	1.6	1.1	5.6	80	4.6	1	8	7	8	4	0	0	0	0	1	3	3	8	5	8	0	3	10	13	2	5	1	0	1	4	1	9	5	0				
	15	1006.6	-	4.7	1.9	6.0	70	5.1	0	7	5	12	4	0	0	0	0	1	2	4	5	8	8	0	2	18	8	0	6	2	1	1	3	0	11	4	0				
	21	1006.5	-	2.0	1.0	5.9	81	4.5	4	7	3	5	8	1	0	1	0	0	1	3	5	3	10	5	0	1	8	17	2	5	0	0	2	3	3	8	5	0			
Whitby C.G. [Yorks, N.Riding]																																									
66	3	1004.5	-	2.0	1.1	5.7	81	4.7	1	8	7	3	8	1	0	0	0	1	0	7	16	4	0	1	6	15	6	0	3	2	1	0	6	7	8	1	0				
	9	1004.8	-	2.0	1.0	5.9	83	5.4	0	4	7	10	5	2	0	1	0	0	1	0	3	19	3	1	2	5	13	8	0	1	2	2	3	2	7	6	5	0			
	15																																								
	21																																								
Kilnsea [Yorks, E.Riding]																																									
16	3	1006.1	-	1.8	0.7	6.1	87	4.6	3	6	7	3	9	0	0	1	0	0	0	2	5	20	0	0	1	8	16	3	0	2	3	1	1	3	4	10	4	0			

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS

FEBRUARY, 1970

Height of Barometer above M.S.L. in metres	Hour of Observation (GMT)	MEAN PRESSURE IN mb		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktaa)							VISIBILITY (Metres and Kilometres)										WIND SPEED AND DIRECTION												
		At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	Mean	0	1-2	3-5	6-7	8	9	0-39 m.	40-190 m.	200-390 m.	400-590 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
																									SPEED IN KNOTS												
																									8 or more	9-10	11-21	1-10	0								
																									34 or more	22-33	11-21	1-10	0								
Number of Observations																																					
3. ENGLAND, E. - contd.																																					
Honnington [Suffolk]																																					
51	3	1007.6	-	1.3	0.6	6.0	88	5.3	3	4	5	3	13	0	0	0	0	0	4	12	7	5	0	0	1	12	13	2	1	1	1	2	1	4	13	3	
	9	1008.0	-7.1	1.7	0.7	6.1	86	5.2	1	7	3	10	6	1	0	1	0	1	1	5	10	4	6	0	0	2	15	10	1	3	1	1	3	2	3	13	1
	15	1007.7	-	4.5	1.7	6.2	73	6.2	0	2	5	14	7	0	0	0	0	0	4	6	11	5	2	0	3	17	8	0	4	1	1	1	2	2	15	2	
	21	1008.3	-	1.9	0.8	6.1	86	4.6	3	7	4	6	8	0	0	0	0	1	0	0	10	11	6	0	0	1	9	18	0	4	0	0	1	4	3	12	4
Wattisham [Suffolk]																																					
91	3	1007.7	-	1.0	0.5	6.0	90	4.6	2	10	2	7	7	0	0	0	1	0	5	12	6	4	0	0	1	16	11	0	3	0	1	2	3	4	8	7	
	9	1008.2	-	1.4	0.7	6.1	88	5.0	3	5	5	7	6	2	0	0	1	1	2	5	8	5	5	1	0	3	15	10	0	3	1	1	3	2	4	10	4
	15	1007.8	-	4.3	1.5	6.5	77	6.0	0	2	8	12	6	0	0	0	0	2	1	6	7	9	3	0	4	16	8	0	3	3	0	1	1	4	13	3	
	21	1008.5	-	1.3	0.5	6.1	89	4.3	5	6	5	4	8	0	0	0	1	0	4	8	10	5	0	0	1	13	14	0	4	0	0	0	5	4	9	6	
Aldeburgh [Suffolk]																																					
9	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	9	1007.9	-	-	-	-	-	5.4	4	1	8	2	12	1	0	1	0	1	2	11	13	0	0	0	5	6	15	2	3	1	0	1	2	4	10	5	
	15	1007.7	-	-	-	-	-	5.7	1	2	7	10	8	0	0	0	0	0	1	11	16	0	0	1	6	12	9	0	4	2	1	1	2	2	12	4	
	21	1008.8	-	-	-	-	-	3.5	11	4	3	1	9	0	0	0	0	0	1	0	19	0	0	1	4	6	16	1	3	1	0	0	2	4	12	5	
Wyton [Hunts]																																					
43	3	1007.9	-	1.8	0.7	6.1	87	5.1	3	5	4	7	9	0	0	0	0	0	3	13	7	5	0	0	1	9	18	0	2	0	1	3	1	6	10	5	
	9	1008.3	-	2.0	0.7	6.3	87	5.4	1	6	4	11	3	3	0	1	1	1	1	3	8	9	2	2	0	1	15	11	1	5	0	1	2	2	6	10	1
	15	1008.3	-	5.3	1.8	6.5	72	5.8	0	1	10	10	7	0	0	0	0	0	1	8	13	5	1	0	2	16	10	0	5	3	0	0	2	3	14	1	
	21	1008.8	-	2.5	0.7	6.5	87	5.3	3	2	7	8	8	0	0	0	1	0	1	12	9	5	0	0	1	10	16	1	5	0	0	0	3	7	7	5	
Cardington [Bedford]																																					
29	3	1008.2	-	1.7	0.5	6.3	90	5.0	4	4	4	7	9	0	0	0	1	0	4	12	8	3	0	0	1	8	18	1	2	0	0	2	2	3	15	3	
	9	1008.6	-6.9	2.0	0.6	6.4	90	5.6	2	4	5	8	8	1	0	0	1	1	2	5	8	3	0	0	2	13	12	1	4	1	1	0	3	5	13	0	
	15	1008.4	-	5.3	1.6	6.8	76	5.5	0	5	6	9	8	0	0	0	0	0	3	10	12	2	1	0	3	15	10	0	3	4	1	0	1	5	11	3	
	21	1009.1	-	2.5	0.6	6.6	89	5.6	4	3	2	7	12	0	0	0	0	0	3	10	11	4	0	0	3	6	19	0	7	0	0	1	2	7	9	2	
Stansted [Essex]																																					
102	3	1008.1	-	1.5	0.6	6.1	89	5.0	3	3	7	9	6	0	0	0	0	0	1	4	10	8	5	0	0	0	11	16	1	5	0	1	3	1	4	10	3
	9	1008.7	-7.1	1.9	0.7	6.3	89	4.8	3	6	4	9	5	1	0	0	1	2	5	7	7	5	1	0	0	15	10	3	5	0	1	2	2	13	0		
	15	1008.4	-	4.7	1.7	6.4	74	5.2	1	3	10	8	6	0	0	0	1	0	3	5	7	8	4	0	2	18	8	0	6	2	0	0	1	4	13	2	
	21	1009.2	-	2.0	0.6	6.4	88	4.9	5	1	7	10	0	0	0	0	0	0	5	8	8	7	0	0	1	8	18	1	6	0	0	1	3	6	8	3	
Shoeburyness [Essex]																																					
5	9	1008.5	-7.4	3.1	1.0	6.5	84	5.0	2	7	2	10	7	0	0	0	1	2	5	12	6	2	0	0	3	15	10	0	5	0	1	0	4	0	13	5	
	15	1008.2	-	5.7	2.0	6.5	71	5.7	0	5	7	9	7	0	0	0	0	1	2	12	9	3	1	0	2	19	7	0	5	2	0	1	1	4	11	4	
	21	1009.0	-	3.4	1.0	6.6	83	4.2	7	5	3	5	8	0	0	0	0	0	2	17	6	3	0	0	2	12	14	0	4	0	0	0	3	5	10	6	
Walton-on-Naze [Essex]																																					
8	3	1008.1	-	2.3	0.7	6.5	89	4.4	6	3	5	6	8	0	0	0	0	0	0	11	17	0	0	0	1	10	14	3	2	2	0	0	3	3	8	7	
	9	1008.5	-	2.7	0.8	6.6	87	5.1	3	5	4	6	10	0	1	0	0	1	1	14	11	0	0	0	3	12	11	2	2	1	0	1	3	1	10	8	
	15	1008.1	-	5.3	1.8	6.5	73	5.1	0	5	12	5	6	0	0	0	0	0	2	10	16	0	0	1	1	16	8	2	2	2	2	0	1	3	10	6	
	21	1008.8	-	2.6	0.8	6.4	86	4.0	7	5	4	5	7	0	0	0	0	0	3	7	18	0	0	0	1	12	12	3	4	2	0	0	3	10	6		
4. MIDLAND COUNTIES																																					
Huddersfield Oakes [Yorks. W.R.]																																					
235	3	1006.5	-	0.2	0.5	5.7	89	5.4	3	2	7	7	8	1	0	0	1	3	0	2	13	5	4	0	0	5	9	11	3	4	0	1	0	1	1	10	8
	9	1007.3	-7.4	0.9	0.5	5.9	88	5.6	3	3	4	8	10	0	0	0	2	1	2	12	7	4	0	0	4	11	9	4	3	2	0	0	1	3	11	4	
	15	1007.5	-	2.9	1.1	6.1	80	5.9	1	1	9	9	8	0	0	0	0	0	1	11	5	11	0	1	1	13	12	1	4	3	0	0	1	2	14	3	
	21	1007.4	-	1.0	0.5	6.1	89	4.6	6	1	7	7	7	0	0	1	1	0	1	8	7	10	0	1	4	7	13	3	4	1	0	0	0	6	9	5	
Watnall [Nottingham]																																					
119	3	1007.3	-	0.9	0.5	6.0	91	4.6	6	3	5	6	8	0	0	0	0	3	3	6	9	3	1	0	0	0	9	19	0	4	1	1	1	3	3	10	5
	9	1008.0	-7.0	1.6	0.7	6.2	88	5.0	1	6	7	8	6	0	0	1	1	3	7	14	1	1	0	0	0	10	18	0	4	3	0	0	2	5	12	2	
	15	1007.9	-	4.2	1.3	6.5	78	5.6	0	3	10	8	7	0	0	0	0	1	3	13	9	2	0	0	1	13	14	0	6	2	0	0	2	3	13	2	
	21	1008.3	-	1.7	0.5	6.4	90	4.7	3	6	5	7	7	0	0	1	0	2	3	13	9	0	0	0	0	4	22	2	4	0	0	0	2	7	9	4	
Finningley [Nottingham]																																					
14	3	1006.4	-	1.9	0.8	6.1	86	4.3	7	5	3	3	9	1	1	0	0	0	2	11	10	1	3	0	3	9	16	0	4	0	1	2	3	2	11	5	
	9	1007.1	-7.2	2.5	0.9	6.2	84	5.2	2	5	3	12	6	0	0	0	0	3	4	12	7	2	0	0	2	14	11	1	3	1	0	0	3	2	12	6	
	15	1007.1	-	5.2	1.8	6.4	72	5.2	0	7	5	10	6	0	0	0	0	0	0	10	14	4	0	0	4	16	7	1	3	3	0	0	2	2	11	6	
	21	1007.3	-	2.7	0.8	6.5	86	4.2	6	5	5	4	8	0	0	1	0	0	1	17	8	1	0	0	1	12	12	3	4	0	0	0	4	3	9	5	
Wittering [Northampton]																																					
67	3	1007.7	-	1.5	0.8	5.9	86	4.8	6	3	4	7	8	0	0	0	2	1	4	8	7	5	1	0	2	13	13	0	2	0	1	2	2	4	13	4	
	9	1008.1	-7.1	1.9	0.8	6.1	86	5.4	1	6	5	8	4	4	0	1	0	3	1	4	9	6	1	0	2	21	5	0	4	0	1	0	4	4	12	3	
	15	1008.0	-	5.1	1.9	6.3	71	4.9	0	5	10	7	6	0	0	0	0	0	1	7	11	8	1	1	4	17	6	0	5	2	0	0	2	14	3		
	21	1008.6	-	2.3	0.8	6.3	86	5.3	4	2	5	8	8	1	0	0	2	0	2	9	12	3	0	0	2	14	11	1	4	0	0	0	3	6	10	4	
Edgbaston [Warwick]																																					
165	9	1009.3	-6.1	1.9	0.7	6.2	86	5.7	2	3																											

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS FEBRUARY, 1970

Height of Barometer above M.S.L. in metres	Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Okta)					VISIBILITY (Metres and Kilometres)										WIND SPEED AND DIRECTION																
		At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	MEAN	0	1-2	3-5	6-7	8	9	0-39 m.	40-190 m.	200-390 m.	400-590 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.		
																									3 or more	4	5	6	7										
																									3 or more	4	5	6	7										
Number of Observations																																							
4. MIDLAND COUNTIES																																							
Little Rissington [Gloucester]																																							
229	3	1009.0	-	1.3	0.7	5.9	87	5.2	3	4	10	7	0	0	0	0	1	0	1	7	6	6	7	0	2	13	13	0	2	2	1	1	2	3	13	4			
	9	1009.5	-6.1	1.6	0.9	5.9	85	5.3	0	7	5	10	6	0	0	1	0	2	1	6	5	4	8	0	3	13	11	1	3	3	1	0	1	3	14				
	15	1009.3	-	4.0	1.6	6.1	74	5.9	0	5	3	12	8	0	0	1	0	0	0	3	9	6	3	9	6	11	11	0	4	4	0	1	5	9	5				
	21	1009.9	-	1.8	0.7	6.1	86	5.1	3	4	5	6	10	0	0	0	0	0	2	6	8	7	5	0	4	6	17	1	5	1	0	1	5	8	5				
5. ENGLAND, S.E.																																							
Heathrow [Greater London]																																							
26	3	1008.9	-	2.7	0.8	6.5	85	5.1	2	7	3	7	9	0	0	0	0	0	2	6	12	8	0	0	1	14	13	0	4	0	1	3	8	8	3				
	9	1009.1	-6.8	3.0	0.9	6.5	84	4.8	1	8	5	7	7	0	0	0	0	2	4	8	8	5	1	0	2	18	6	2	5	0	1	1	3	6	7				
	15	1009.0	-	6.0	2.1	6.5	69	6.0	0	1	11	8	8	0	0	0	0	0	1	6	13	6	2	0	4	20	4	0	5	3	0	1	3	6	7				
	21	1009.7	-	3.4	1.0	6.6	83	5.3	3	5	2	8	10	0	0	0	0	0	2	11	7	8	0	0	2	8	18	0	5	0	2	2	9	8	2				
Kew [Greater London]																																							
10	9	1009.4	-6.6	3.5	1.3	6.4	81	5.0	1	7	4	9	7	0	0	0	0	3	3	11	4	6	1	0	0	12	14	2	6	1	1	3	4	9	1				
	15	1009.2	-	6.0	2.5	6.3	66	6.1	0	1	8	13	6	0	0	0	0	1	3	11	6	7	3	0	1	17	10	0	5	3	0	1	5	11	3				
	21	1010.0	-	3.5	1.2	6.5	81	4.8	2	8	3	7	8	0	0	0	0	1	2	10	10	5	0	0	0	8	18	2	8	0	4	8	6	0					
Gatwick [Sussex]																																							
59	3	1009.5	-	2.3	0.8	6.4	86	5.6	2	4	4	6	12	0	0	0	0	1	5	4	12	6	0	0	0	8	16	4	4	1	1	1	6	7	3				
	9	1009.9	-	2.6	0.8	6.5	87	5.2	0	7	3	12	5	1	0	0	2	2	4	6	6	8	0	0	0	12	12	4	4	0	2	1	0	5	3				
	15	1009.5	-	5.7	1.9	6.6	71	6.1	0	1	7	12	8	0	0	0	0	4	6	10	7	1	0	0	15	12	1	3	2	3	0	1	3	11	4				
	21	1010.5	-	2.5	0.8	6.5	86	4.9	1	8	5	4	10	0	0	0	1	0	4	11	7	5	0	0	1	7	16	3	5	2	0	2	8	7	1				
Dungeness [Kent]																																							
7	3	1009.0	-	3.6	0.5	7.4	91	4.7	7	1	7	1	12	0	0	0	0	1	0	11	4	12	0	0	10	7	11	0	6	2	0	3	2	14	1				
	9	1009.2	-	3.2	0.6	7.1	91	4.9	1	6	11	1	9	0	0	0	0	0	13	7	8	0	3	8	8	9	0	7	4	0	0	5	1	11	0				
	15	1008.9	-	6.1	1.2	7.8	81	5.9	0	2	11	6	9	0	0	0	0	0	9	7	12	0	1	12	7	8	0	6	2	2	0	16	0						
	21	1009.6	-	3.8	0.6	7.4	90	3.9	11	3	1	4	9	0	0	0	0	0	9	4	15	0	2	7	7	12	0	6	4	1	0	1	0	15	1				
Deal [Kent]																																							
10	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
	9	1009.1	-	3.5	0.9	6.8	85	5.9	1	2	5	10	10	0	0	0	1	2	11	11	1	1	0	4	11	13	0	1	2	0	1	3	1	15	5				
	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Manston [Kent]																																							
15	3	1008.3	-	2.7	0.8	6.6	87	5.1	2	7	2	6	10	1	0	0	0	0	1	4	9	12	2	0	1	15	12	0	5	2	0	0	4	9	4				
	9	1008.7	-	3.0	0.8	6.7	87	5.3	1	7	5	8	6	1	0	0	1	1	9	11	2	3	0	3	14	11	0	3	1	0	1	3	1	10	9				
	15	1008.2	-	5.6	1.7	6.9	74	5.4	1	4	7	10	6	0	0	0	1	1	6	10	9	1	0	3	17	8	0	5	2	1	0	1	3	8	8				
	21	1009.0	-	3.2	0.9	6.6	83	5.1	1	7	6	5	9	0	0	0	2	0	4	7	14	1	0	2	14	12	0	5	3	0	2	5	11	2					
Thorney Island [Sussex]																																							
4	3	1010.1	-	3.6	0.8	7.0	86	5.9	1	5	1	10	11	0	0	0	0	1	1	9	10	6	1	0	1	13	14	0	5	1	0	1	3	2	12	4			
	9	1010.3	-6.0	3.9	0.9	7.0	84	5.0	0	8	4	12	4	0	0	0	0	1	12	4	9	2	0	0	17	11	0	6	1	2	1	0	2	13	3				
	15	1010.1	-	6.2	2.0	6.8	71	6.4	0	1	5	14	8	0	0	0	0	1	8	6	8	5	0	2	17	9	0	6	2	0	1	0	4	13	2				
	21	1011.0	-	3.8	0.9	7.0	85	4.7	3	9	0	6	10	0	0	0	1	2	12	10	3	0	0	3	10	13	2	4	1	1	0	2	5	11	2				
Eastbourne C.G. [Sussex]																																							
7	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
	21	1010.1	-	4.0	1.0	7.0	84	4.2	9	2	5	1	11	0	0	0	0	0	1	14	13	0	0	3	6	5	11	3	7	2	0	0	1	2	12	1			
Abingdon [Berkshire]																																							
71	3	1009.0	-	1.9	0.6	6.4	89	4.5	5	5	4	8	6	0	0	0	0	1	1	9	11	6	0	0	0	13	16	0	4	0	1	2	4	10	5				
	9	1009.5	-6.4	2.2	0.7	6.4	87	5.2	0	6	5	13	4	0	0	0	1	2	2	9	8	5	1	0	0	12	13	2	5	0	2	2	4	10	5				
	15	1009.2	-	5.2	1.7	6.6	74	6.1	0	3	5	13	7	0	0	0	0	2	3	4	9	9	1	0	0	17	11	0	5	3	0	2	6	11	1				
	21	1009.9	-	2.5	0.7	6.6	87	4.8	3	5	6	8	6	0	0	0	0	0	1	11	9	7	0	0	0	9	17	2	5	0	2	0	3	6	4				
Hurn [Hampshire]																																							
14	3	1010.0	-	3.1	0.8	6.8	86	5.2	4	2	9	9	0	0	0	0	0	4	9	10	5	0	0	0	14	10	4	2	1	0	2	2	4	12	1				
	9	1010.5	-5.8	3.6	1.1	6.7	83	5.0	1	5	8	9	5	0	0	0	0	1	5	7	8	6	1	0	1	11	12	2	5	0	2	0	1	2	14	2			
	15	1010.2	-	6.6	2.1	6.9	69	6.1	0	3	4	13	8	0	0	0	0	2	9	7	10	0	0	2	18	8	0	4	3	0	0	1	5	11	4				
	21	1010.0	-	3.1	0.8	6.8	86	4.0	9	4	2	3	10	0	0	0	0	6	14	6	2	0	0	2	9	14	3	3	1	1	0	1	6	9	4				
S. Farnborough [Hampshire]																																							
70	3	1009.6	-	2.6	0.8	6.5	86	5.4	2	5	3	11	7	0	0	0	0	1	4	9	6	5	3	0	1	11	16	0	4	0	1	2	1	16	3				
	9	1009.9	-6.2	2.7	0.8	6.5	86	4.9	1	7	4	11	5	0	1	0	0	1	3	6	2	8	7	0	0	16	10	2	4	0	1	1	0	3	14	3			
	15	1009.5	-	5.9	2.0	6.6	70	6.3	0	2	4	14	8	0	0	0	0	1	3	3	5	9	7	0	3	16	9	0	3	5	0	0	1	5	11	3			
Lyneham [Wiltshire]																																							
149	3	1009.5	-	2.0	0.7	6.3	87	5.4	3	4	3	10	8	0	0	1	0	1	1	7	9	7	2	0	2	12	13	1	4	1	1	0	4	2	12	3			
	9	1010.0	-5.9	2.1	0.7	6.3	86	5.0	0	8	5	8	7	0	0	1	1	2	3	4	9	6	2	0	1	16	10	1	3	3	1	0	1	6	11	2			
	15	1009.8	-	4.7	1.4	6.8	77	5.9	0	2	7	12	7	0	0	1	0	2	1	5	6	8	5	0	2	18	7	1	4	4	0	0	3	2	12	2			
	21	1010.5	-	2.6	0.8	6.5	85	5.6	0	6	5	9	8	0	0	0	0	0	1	10	8	8	1	0	1	8	19	0	5	0	1	1	2	7	7	5			
Boscombe Down [Wiltshire]																																							
128	3	1009.8	-	2.0	0.6	6.5	89	5.3	4	2	9	9	0	0																									

† Temperatures recorded by an aspirated psychrometer

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS

FEBRUARY, 1970

Height of Barometer above M.S.L. in metres	Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Okta)					VISIBILITY (Metres and Kilometres)										WIND SPEED AND DIRECTION																
		At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	Mean	0	1-2	3-5	6-7	8	9	0-39 m.	40-190 m.	200-390 m.	400-590 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE						N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	
																									SPEED IN KNOTS														
																									34 or more	22-33	11-21	1-10	0										
Number of Observations																																							
7a ENGLAND, N.W.																																							
Ringway [Cheshire]																																							
84	3	1007.4	-	1.7	0.8	6.0	86	6.3	3	0	3	10	8	4	0	1	1	1	4	8	10	2	0	0	2	10	12	4	3	0	1	2	5	3	7	3			
	9	1008.2	-6.4	2.1	1.0	6.0	83	5.9	0	5	3	12	7	1	0	0	1	0	3	8	9	7	0	0	0	2	11	10	5	1	2	0	1	3	6	6			
	15	1008.0	-	4.5	1.8	6.1	72	6.1	0	3	6	11	8	0	0	0	0	0	4	13	11	0	0	0	1	19	7	1	6	1	0	1	2	4	9				
	21	1008.3	-	2.6	1.0	6.2	83	6.0	3	1	4	8	12	0	0	0	0	2	12	8	5	1	0	0	2	8	16	2	3	2	0	1	5	7	4				
7b NORTH WALES																																							
Valley [Anglesey]																																							
11	3	1007.3	-	3.9	1.0	6.8	83	5.2	1	5	6	7	9	0	0	0	0	0	0	3	9	14	2	3	9	9	4	3	3	3	2	0	3	3	10	1			
	9	1008.8	-5.5	4.3	1.2	6.8	81	5.7	0	3	7	11	7	0	0	0	0	0	2	4	5	15	2	0	11	9	7	1	4	4	1	0	1	3	7	7			
	15	1008.8	-	6.1	1.8	6.9	72	6.2	0	2	5	12	9	0	0	0	0	1	0	3	7	7	10	0	9	15	4	0	3	4	2	0	3	2	10	4			
	21	1008.6	-	4.1	1.0	6.9	83	5.9	2	0	7	13	6	0	0	0	0	1	4	7	14	2	2	6	11	7	2	4	2	3	1	2	3	9	2				
Bardsey Island [Caernarvon]																																							
19	3	1007.9	-	5.4	1.0	7.7	85	6.0	2	3	4	4	15	0	0	0	0	0	6	18	4	0	1	8	11	8	0	2	5	2	0	4	1	8	6				
	9	1009.1	-	5.3	1.0	7.7	85	5.6	1	4	6	11	6	0	0	0	0	0	5	10	10	3	1	10	7	10	0	3	3	2	0	3	2	11	4				
	15	1009.3	-	6.2	1.3	7.8	81	6.3	0	1	9	8	10	0	0	0	0	0	3	5	15	5	0	12	6	10	0	8	2	0	0	3	3	10	2				
	21	1008.9	-	5.4	0.9	7.8	86	5.8	2	0	9	4	13	0	0	0	0	0	6	9	12	1	1	5	11	9	2	5	3	1	1	2	2	9	3				
8a SOUTH WALES																																							
Aberporth [Cardigan]																																							
134	3	1008.7	-	3.6	0.9	6.8	85	4.9	3	6	3	9	7	0	0	0	0	0	1	7	8	9	3	2	10	10	6	0	1	1	3	4	2	1	12	4			
	9	1010.0	-5.1	3.9	1.0	6.8	82	5.5	0	6	2	15	5	0	0	0	0	0	2	5	7	10	4	0	13	11	3	1	3	4	1	1	2	2	12	2			
	15	1010.0	-	5.3	1.6	6.8	74	5.9	0	3	6	12	7	0	0	0	0	0	1	4	9	7	7	0	11	8	9	0	7	1	0	0	3	2	11	4			
	21	1010.0	-	4.1	1.2	6.8	80	4.8	4	3	8	4	9	0	0	0	0	1	0	3	9	12	3	3	6	14	5	0	3	1	2	2	4	2	9	5			
Milford Haven C.B. [Pembroke]																																							
39	3	1009.6	-	5.0	1.1	7.3	82	4.1	7	3	7	3	8	0	0	0	0	0	15	9	4	0	0	3	12	11	2	4	1	2	1	1	2	11	4				
	9	1010.3	-5.1	4.9	1.3	7.0	80	5.3	0	4	10	9	5	0	0	0	0	1	0	13	13	1	0	0	16	11	1	2	4	2	0	0	3	11	5				
	15	1010.9	-	6.9	1.9	7.2	72	6.3	0	1	7	8	12	0	0	0	0	0	11	15	2	0	0	3	14	11	0	5	4	0	0	3	6	8	2				
	21	1010.8	-	5.0	1.2	7.2	81	4.0	6	3	8	4	7	0	0	0	0	0	11	13	4	0	0	3	9	10	6	4	1	0	2	0	4	8	3				
Brynamman [Carmarthen]																																							
-	9	-	-	2.4	0.5	6.7	90	5.1	0	6	5	12	4	1	0	0	0	1	1	3	8	8	7	0	0	1	5	18	4	1	8	0	0	1	0	10	4		
	15	-	-	5.1	1.4	7.0	78	6.1	0	2	6	14	6	0	0	0	0	2	2	9	3	11	1	0	0	9	18	1	3	6	0	0	1	1	12	4			
	21	-	-	2.7	0.6	6.9	90	4.8	2	9	2	5	10	0	0	0	0	2	9	15	0	0	0	1	2	21	4	3	5	0	2	0	1	8	5				
Rhoose [Glamorgan]																																							
69	3	1009.5	-	2.9	0.6	6.9	89	4.6	3	7	5	3	10	0	0	0	1	0	4	3	11	9	0	0	4	12	12	0	2	3	4	1	1	1	11	5			
	9	1010.3	-5.7	3.4	0.9	6.7	84	4.9	0	7	7	10	4	0	0	0	0	6	4	12	6	0	0	2	17	7	2	1	6	0	1	0	0	13	5				
	15	1010.3	-	5.8	1.7	6.9	73	5.8	0	3	7	12	6	0	0	0	0	3	6	7	9	3	0	4	18	5	1	3	5	0	0	1	2	15	1				
	21	1010.7	-	3.6	0.9	6.9	84	5.0	3	4	6	5	10	0	0	0	0	2	8	12	5	1	0	2	10	15	1	5	1	0	3	1	2	13	2				
8b ENGLAND, S.W.																																							
Yeovilton [Somerset]																																							
23	3	1010.3	-	3.2	0.9	6.8	85	5.6	0	4	7	10	7	0	0	0	0	1	3	18	6	0	0	0	1	13	7	7	1	2	1	1	3	3	8	2			
	9	1010.7	-	3.5	1.1	6.6	82	5.4	0	2	11	11	4	0	0	0	0	1	5	10	10	2	0	1	2	7	14	4	2	1	2	1	2	5	9	2			
	15	1010.8	-	6.8	2.2	6.9	68	6.1	0	0	10	12	6	0	0	0	0	0	9	18	1	0	0	5	17	4	2	4	2	1	0	0	3	14	2				
	21	1011.3	-	3.7	0.9	6.9	83	5.0	3	4	7	4	10	0	0	0	0	0	2	18	8	0	0	1	2	8	13	4	4	0	1	2	2	8	5	2			
Portland Bill [Dorset]																																							
54	3	1009.8	-	4.8	0.7	7.8	89	5.1	3	3	9	3	10	0	0	0	0	0	10	10	8	0	2	9	10	7	0	5	2	0	2	4	1	7	7				
	9	1010.0	-	5.0	0.7	7.8	88	5.5	0	3	9	9	7	0	0	0	0	1	0	8	8	10	1	0	13	13	2	0	4	3	3	1	1	0	10	6			
	15	1010.1	-	6.2	1.1	8.0	83	5.9	0	5	5	8	10	0	0	0	0	1	1	11	3	10	2	0	13	9	5	1	4	3	2	1	0	0	11	6			
	21	1010.7	-	5.1	0.8	7.8	87	4.5	4	7	3	4	10	0	1	0	0	0	12	6	9	0	1	10	12	5	0	7	2	1	1	0	4	7	6				
Hartland Point [Devon]																																							
93	3	1009.2	-	5.2	0.9	7.7	85	4.6	1	7	7	5	8	0	0	0	1	0	1	3	12	7	4	2	7	15	4	0	2	4	2	1	3	0	11	5			
	9	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	15	1010.4	-	6.0	1.3	7.6	79	6.0	0	2	8	10	8	0	0	0	0	1	1	5	11	9	1	4	7	11	6	0	4	5	0	0	1	3	14	1			
	21	1010.7	-	5.5	1.1	7.6	82	5.0	1	6	8	5	8	0	0	0	0	0	2	13	10	1	4	5	10	8	1	2	6	0	2	1	2	8	6				
Mount Batten [Devon]																																							
30	3	1010.9	-	4.8	0.7	7.9	88	5.1	4	3	6	7	8	0	0	0	0	0	1	12	11	4	0	0	3	15	10	0	4	1	5	0	2	0	13	3			
	9	1011.5	-4.9	5.1	0.9	7.7	86	5.6	0	4	7	13	4	0	0	0	0	4	9	10	5	0	0	1	14	12	1	3	4	4	0	0	2	11	3				
	15	1011.6	-	7.0	1.6	7.9	77	6.3	0	2	5	11	10	0	0	0	0	0	1	9	10	7	1	0	5	17	5	1	5	2	1	1	1	3	11	3			
	21	1012.3	-	5.3	0.8	8.0	87	4.4	4	7	4	9	0	0	0	0	0	2	12	14	0	0	1	4	9	12	2	6	3	1	1	0	5	7	3				
Chivenor [Devon]																																							
7	3	1010.1	-	4.5	1.0	7.3	84	5.0	3	3	7	8	7	0	0	0	0	2	12	6	8	0	0	5	13	9	1	1	2	5	3	0	1	9	6				
	9	1011.0	-5.0	5.2	1.3	7.2	80	5.6	0	3	5	16	4	0	0	0	0	1	7	9	10	1	0	5	14	9	0	3	4	3	1	1	3	8	5				
	15	1011.2	-	7.0	1.9	7.4	73	5.9	0	1	10	9	8	0	0	0	0	0	6	6	13	3	0	6	15	7	0	5	4	0	1	1	6	9	2				
	21	1011.6	-	5.0	1.2	7.3	81	5.0	1	7	5	7	8	0	0	0	0	1	7	11	8	1	0	7	7	9	5	2	3	3	2	0	2	8	3				
Exeter [Devon]																																							
38	3	1010.4	-	3.7	0.8	7.2	88	4.3	3	7	6	5	7	0	0	0	0	1	6	8	12	1	0	3	7	15	3	2	3	0	3	2	1	9	5				
	9	1011.																																					

TABLE II—ADDITIONS AND CORRECTIONS

DISTRICT COUNTY AND PLACE			HEIGHT OF VANE IN METRES			DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED										Mean Hourly Wind Speed in knots	HIGHEST VELOCITIES							
			Above Mean Sea Level	Above ground	Effective Height	34 Knots or more (Gale force)		22 to 33 knots		11 to 21 knots		4 to 10 knots		Less than 4 knots			No Record		HIGHEST HOURLY WIND			HIGHEST GUST		
						Dates of Occurrence	Duration (hr)	No. of days	Duration in Hours						Veer from N		Speed in knots	Hour ended at day hour	Veer from N	Speed in knots	Day and Time			
0	Inverness	Dalcross	19	10	10	-	0	5	24	285	285	66	12	10.4	240	27	2	15	240	46	2	1405		
2	Yorks, N.R.	Silpho Moor	207	15	9	-	0	4	30	221	268	130	23	9.2	180	29	1	23	290	58	20	0820		
4	Notts	Watnall	130	13	10	-	0	3	10	255	353	54	0	9.6	290	26	20	13	290	47	20	1225		
7b	Merioneth	Trawsfynydd	194	10	10	19	2	4	18	282	254	116	0	10.2	200	38	19	19	200	68	19	1810		
9	Londonderry	Coleraine Univ.	23	10	10	-	0	8	31	291	192	158	0	10.3	140	27	1	03	260	60	3	0655		

TABLE III—ADDITIONS AND CORRECTIONS

[illegible]

To be purchased directly from HER MAJESTY'S STATIONERY OFFICE at the following addresses: 49 High Holborn, London, W.C.1.; 13a Castle Street, Edinburgh EH2 3AR; Brazenose Street, Manchester M60 8AS; 258 Broad Street, Birmingham 1.; 109 St. Mary Street, Cardiff CF1 1JW; 50 Fairfax Street, Bristol BS1 3OE; 7 Linenhall Street, Belfast BT2 8AY; or through any bookseller. Monthly Parts Price 3s. 6d. net. Annual Summary 5s. 0d. net. Annual Subscription £2 14s. 0d. (inc. postage, introduction, summary). Printed in England for H.M. Stationery Office by Keyswift Limited, Edgware, Middlesex. Ad.500147 K13 6.70 Gp SBN 11 720676 8

Monthly Weather Report

OF THE METEOROLOGICAL OFFICE

Summary of observations compiled from returns of official stations and voluntary observers.



Volume 87 Number 3

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March 1970 — Cold and snowy with frequent wintry showers

High pressure was maintained over the Atlantic west of Ireland for much of the month, while troughs of low pressure often moved south-east over or near the British Isles. Winds were frequently north or north-west but became westerly from the 16th to 21st when high pressure was centred near the Azores.

Weather — It was generally cold with winds mainly between west and north. Wintry showers of sleet (rain or drizzle and snow) or hail often occurred and snow was much more frequent than usual. There were a number of heavy snowfalls and Kent was particularly badly affected by a blizzard which struck southern districts on the 4th. Power supplies and communications were disrupted over wide areas and in some rural districts power was not restored for several days.

Wind — It was generally a windy month but gales were rarely widespread. Local gales were rather more frequent than average in the south but less frequent in the north. Gales were reported on 16 days in England, 14 days in Scotland and 5 days in Wales and Northern Ireland. On the 4th winds reached gale force in parts of the south and a gust of 61 kt was recorded at Aberporth (Cardiganshire). The 16th to 18th was a windy spell nearly everywhere; gusts of 85 kt and 75 kt occurred at Cairngorm (Inverness-shire), height 1090 m, on the 16th and 17th respectively and on the 18th gusts over 50 kt were reported in many parts of Britain with 61 kt being recorded at Hampton (south-west London). Gales were renewed on the 20th in the northern half of the country when a gust of 70 kt occurred at Wick (Caithness).

Temperature — In most areas monthly mean temperature was about 2 degC below average but in a few places in north Scotland and eastern England the deficit reached 3 degC.

It was cold for much of the first two weeks when frost, severe at times, occurred almost nightly and daytime temperatures in some areas barely rose above freezing point on several occasions. Cold weather with frost in places returned on the 26th and, in general, persisted for the remainder of the month. Minima recorded included the following on the 5th: -14.4°C at Newport (Shropshire); -12.8°C at Grantown-on-Spey (Moray); -9.4°C at Alwen (Denbighshire). In Northern Ireland, -7.5°C occurred at Knockmany Forest (Co. Tyrone) on the 25th.

Temperatures were sometimes well above average in the third week. Among the maxima recorded during the month were: 16.1°C at Monkswood (Huntingdonshire) on the 20th and at Cambridge Botanic Gardens on the 21st; 15.6°C at Callendar (Perthshire) on the 15th; 14.4°C at Hawarden Bridge (Flintshire) on the 17th; 14.0°C at Larne (Co. Antrim) on the 16th.

Rainfall — In most parts of the country rainfall (including melted snow) was above average, and over twice the average occurred in Ross-shire and parts of North Wales. However, less than half the average rainfall was recorded in parts of south-west England and over large areas of Angus, Perthshire and Fife. It was drier still around St. Andrews and both Loch Leven (Fife) and Crieff (Perthshire) had their driest March since 1944.

The snowfall in southern England on the 4th was equivalent to about 25 mm of rain. The heaviest rain during the month occurred in north Scotland on the 16th and 17th; 78 mm of rain fell at Achnashellach (Ross and Cromarty) in the 24 hours ending 0900 GMT on the 17th.

Thunderstorms were reported on 15 days in England and, although they were mostly isolated, they occurred in a number of areas on the 23rd. Elsewhere thunder was heard on 3 days in Scotland, 2 days in Wales and 1 day in Northern Ireland; this is rather below average. Showers during the month were often of small hail but on the 18th hailstones up to 2.5 cm in diameter fell at Prestwood (Buckingham-

shire). On the 23rd lightning strikes damaged property in Silchester (Hampshire).

Snow — The number of days on which snow fell in March 1970 was almost three times the average in many central and western areas and was generally more than twice the average elsewhere. During the first fortnight and in the last 5 days, most areas had wintry showers or periods of snow. Late on the 3rd and during the 4th a developing depression moved south-east across the country bringing blizzards to Northern Ireland, Wales and much of England except the south-west.

Drifting occurred in strong winds especially in southern England; roads were blocked and telephone and electric power cables were brought down. In general about 10-15 cm of snow settled at altitudes above 100 m but on high ground in North Wales and the Midlands depths of over 30 cm occurred in places above 300 m. Parts of east and south-east England also had heavy falls with 30 cm reported on Farthing Common, height 180 m, near Lyminge (Kent). Periods of snow affected many areas on the 8th and 9th especially in the south and west and heavy snow showers occurred in the north on the 26th and 27th with severe drifting in north-east Scotland.

Sunshine — Monthly sunshine totals were near or somewhat below average in most areas except, notably, in parts of Scotland. Here, apart from the north, amounts were above average and substantially so in a few places in central areas. Around Glasgow over one and a half times the average sunshine occurred and Paisley recorded its highest March total since 1907. The Angus coast was also very favoured where Dundee had its sunniest March since 1933.

Fog — Overnight fog, freezing in places, occurred in east and central England from the 8th to 10th, in eastern and northern areas on the 12th and in many parts of England and Wales from the 14th to 16th. On the 20th hill fog was widespread in South Wales and south-west England.

Miscellaneous Phenomena — The aurora was seen by observers in Scotland on 11 nights, and in England it was observed from as far south as Exeter on the 8th.

TABLE I—DISTRICT VALUES, March 1970

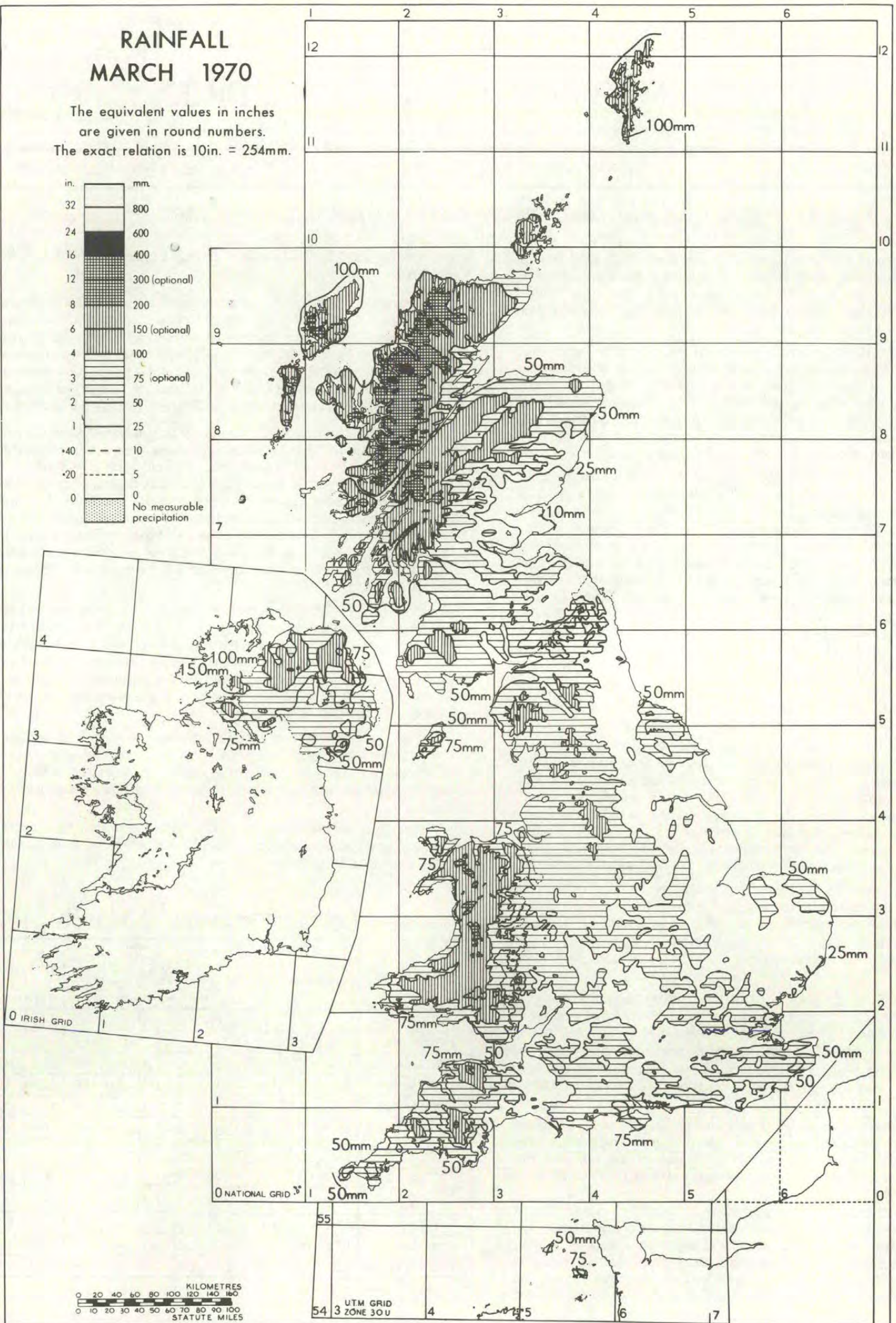
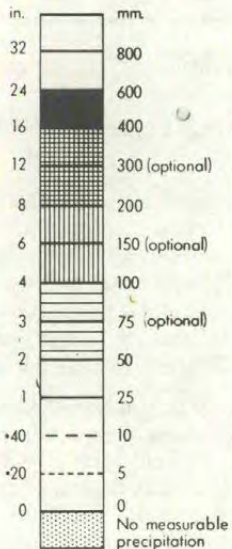
DISTRICTS	AIR TEMPERATURE °C					EARTH TEMP. °C		RAIN DAYS	RAIN-FALL	SUN-SHINE
	*Highest Max.	*Lowest Min.	Max.	Min.	Mean	Mean 30 cm.	Mean 122 cm			
Difference from Average							% of Average			
0 SCOTLAND, N.	12.0	-7.2	-1.7	-2.0	-1.9	-1.5	-0.8	+5	141	101
1 SCOTLAND, E.	12.8	-5.0	-1.2	-1.3	-1.3	-1.1	-0.9	+2	82	119
2 ENGLAND,N.E.	14.4	-12.2	-1.7	-2.3	-2.0	-1.3	-0.5	+6	105	106
3 ENGLAND, E.	16.1	-10.0	-2.7	-2.1	-2.4	-1.5	-0.9	+5	113	85
4 MIDLANDS	14.6	-12.8	-2.6	-1.8	-2.2	-1.3	-0.7	+4	124	105
5 ENGLAND, S.E.	13.9	-8.3	-2.3	-1.8	-2.0	-1.3	-0.6	+5	109	90
6 SCOTLAND, W.	12.8	-8.8	-1.2	-1.8	-1.5	-0.9	-0.9	+1	71	134
7 ENGLAND, N.W and N.Wales	13.3	-7.1	-2.3	-1.5	-1.9	-1.1	-0.7	+7	120	113
8 ENGLAND, S.W. and S.Wales	13.3	-6.1	-2.0	-1.8	-1.9	-1.3	-0.6	+3	83	99
N.IRELAND	12.8	-6.7	-1.6	-1.4	-1.5	-	-	+6	128	107
SCOTLAND	12.8	-8.8	-1.4	-1.7	-1.5	-	-	+3	98	118
ENG. and WALES	16.1	-12.8	-2.3	-1.9	-2.1	-	-	+5	112	100

*Highest Max. and Lowest Min. of the District Value Stations.

FH3A

RAINFALL MARCH 1970

The equivalent values in inches
are given in round numbers.
The exact relation is 10in. = 254mm.



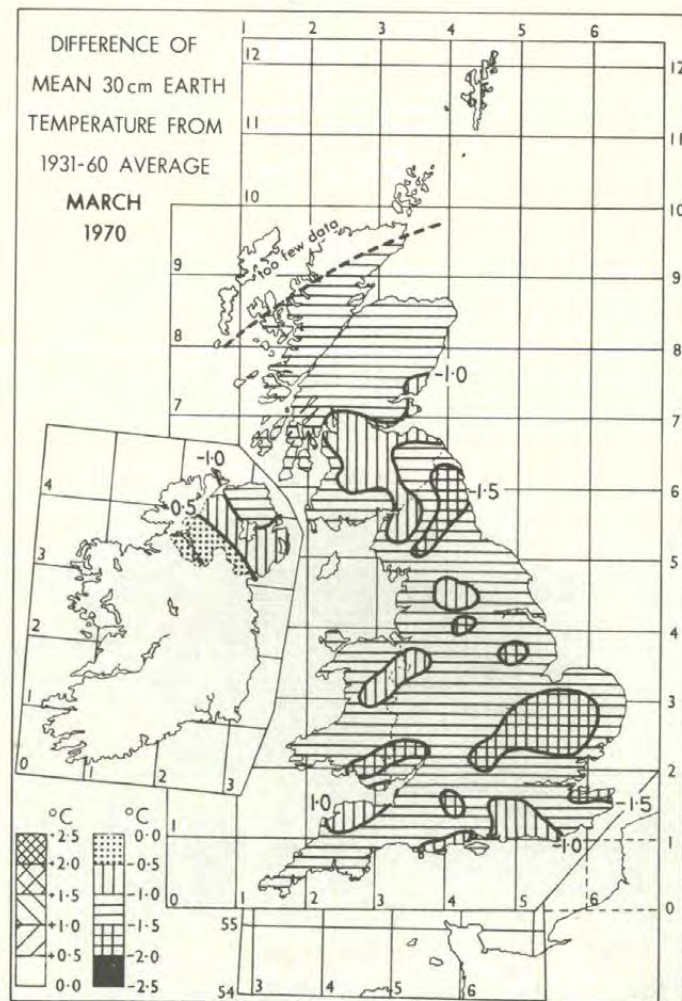
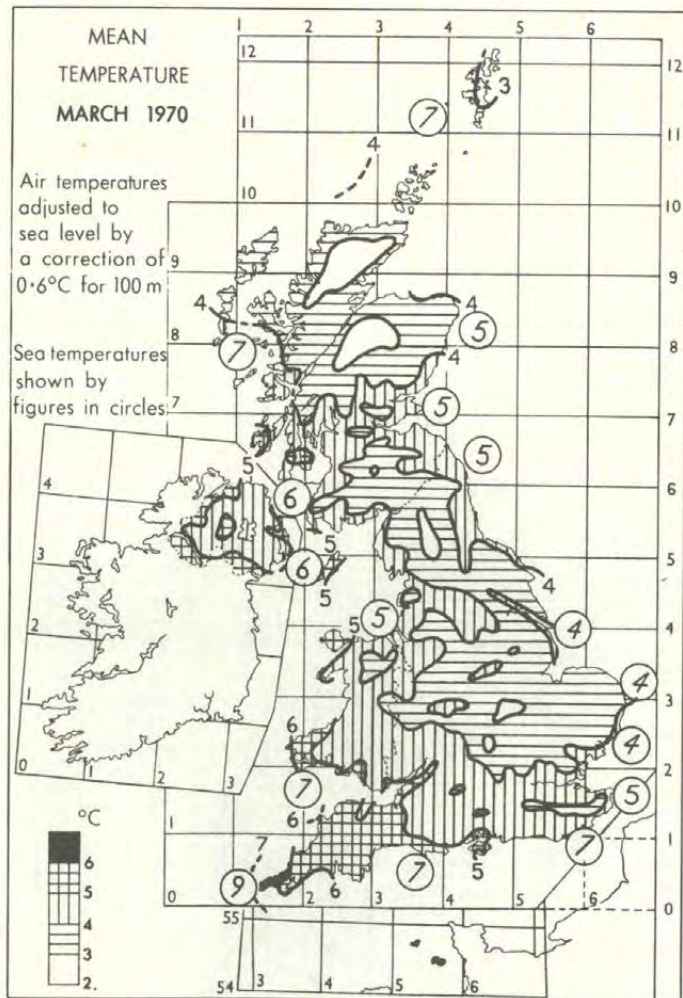
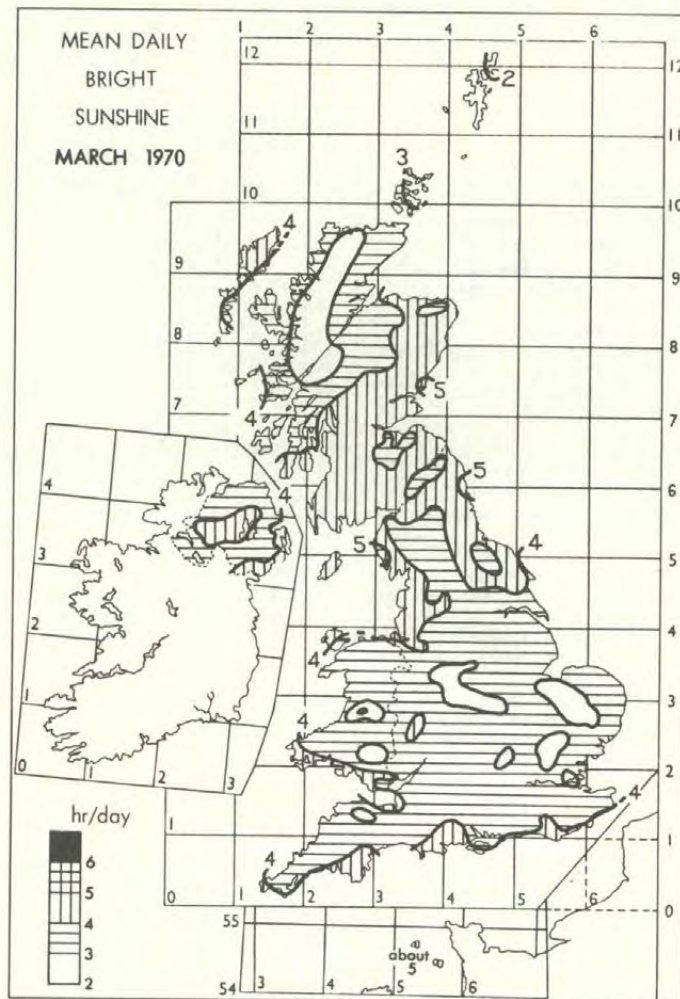
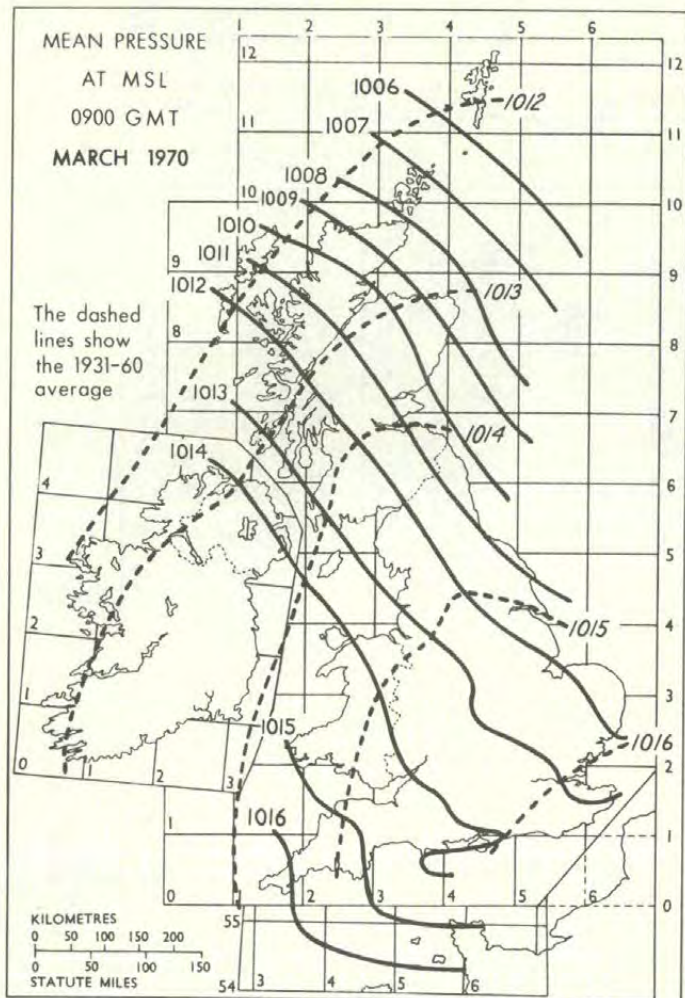


TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND—

MARCH,

1970

DISTRICT COUNTY AND PLACE		HEIGHT OF VANE IN METRES		DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED										Mean Hourly Wind Speed in knots	HIGHEST VELOCITIES						
		Above Mean Sea Level	Above ground	Effective Height	34 Knots or more (Gale force)		22 to 33 knots		11 to 21 knots		4 to 10 knots		Less than 4 knots		HIGHEST HOURLY WIND			HIGHEST GUST			
					Dates of Occurrence	Duration (hr)	No. of days	Duration in Hours							Veer from N	Speed in knots	Hour ended at day hour	Veer from N	Speed in knots	Day and Time	
0 SCOTLAND N.																					
Zetland	Lerwick	93	10	10	16, 27	5	15	139	359	175	66	0	14.7	320	36	27 05		66	27	0420	
Orkney	Kirkwall	41	15	10	16, 17, 20, 26, 27, 31	39	20	217	331	139	18	0	18.2	270	43	20 11	320	66	26	2335	
Caithness	Dounreay	34	12	9	β																
	Wick	45	10	10	20, 27, 31	15	17	146	312	230	41	0	15.0	270	48	20 12	280	70	20	1200	
Sutherland	Shin	24	10	10	-	0	3	23	216	289	193	23	8.2	290	31	20 15	300	55	20	1355	
Ross &	Stornoway (C'Gd)	37	12	11	20	1	14	120	309	244	70	0	13.0	300	34	20 10	300	53	20	0925	
Cromarty	Duirinish	38	20	17	-	0	12	82	299	229	107	27	11.9	220	29	16 24	350	47	2	0855	
Inverness	Benbecula	16	10	10	-	0	14	102	363	232	47	0	13.4	350	29	31 12	290	47	17	1750	
	Corpach	23	15	12	-																
	Fort Augustus N.S.H.E.B.	58	16	16	-	0	0	0	121	315	308	0	5.3	220	20	16 20	240	33	20	1035	
	Cairngorm	1075	10	10	*																
1 SCOTLAND E.																					
Moray	Kinloss	18	13	13	31	1	14	142	338	219	44	0	14.1	340	34	31 16	280	48	20	1245	
	Lossiemouth	31	24	18	1, 20, 27, 31	22	15	140	307	211	64	0	14.6	360	38	31 16	350	58	1	1615	
Aberdeen	Dyce	72	10	10	20	1	8	49	383	254	57	0	12.0	280	34	20 13	290	56	20	1235	
	Fraserburgh	29	13	11	20, 27	19	16	176	301	205	43	0	16.0	-	40	20 13	-	58	20	1305	
Angus	Bell Rock	39	40	38	16, 17, 20, 27, 31	17	17	176	383	133	35	0	16.5	010	43	31 20	010	60	31	1935	
Perth	Rannoch	307	17	17	-	0	7	36	276	270	123	39	10.0	350	29	31 16	350	46	31	1550	
	Tummel Bridge	161	16	16	-	0	2	4	211	369	160	0	7.6	300	26	20 14	290	48	20	1200	
Fife	Leuchars	25	13	13	17, 20	3	9	74	337	313	17	0	12.5	270	36	17 13	280	50	17	1225	
Midlothian	Turnhouse	43	13	10	-	0	8	48	285	363	48	0	10.7	260	33	17 13	260	50	17	1215	
6a SCOTLAND, W.																					
Argyll	Tyree	27	18	14	1, 31	17	22	275	312	92	48	0	18.1	360	37	31 10	300	57	18	0455	
	Machrihanish	24	13	13	-	0	12	106	402	178	58	0	13.8	350	29	31 16	310	47	18	1120	
Dunbarton	Cumbernauld	166	10	10	-	0	9	57	259	326	102	0	10.3	250	31	17 12	260	52	17	2050	
Renfrew	Paisley	57	25	9	-	0	1	1	292	348	103	0	9.1	310	22	27 09	260	50	17	1100	
	Abbotsinch	16	10	10	-	0	6	25	298	328	93	0	10.2	250	27	17 12	240	43	20	0550	
Ayr	Ardrossan	24	20		27	1	14	121	409	153	43	17	14.9	310	35	27 05	240	52	16	2315	
	Hunterston	13	10	10	β																
	Prestwick	21	10	10	-	0	3	5	313	283	143	0	9.2	240	23	20 06	290	44	18	1235	
Dumfries	Eskdalemuir	259	10	10	-	0	8	55	293	264	132	0	10.5	260	29	17 12	260	49	17	1300	
Wigtown	West Freugh	25	10	10	-	0	3	4	390	303	47	0	10.9	340	22	31 16	300	37	18	1250	
6b ISLE OF MAN																					
	Ronaldsway	25	10	10	-	0	11	53	358	301	32	0	12.0	310	30	28 16	310	44	28	1515	
	Point of Ayre	20	10	10	-	0	13	94	464	165	21	0	14.7	290	28	18 19	310	43	18	1855	
2 ENGLAND, N.E.																					
Durham	Durham	119	16	10	-	0	4	20	279	336	109	0	10.0	260	30	17 10	260	56	17	1010	
	South Shields	22	17	13	-	0	8	43	318	330	53	0	11.0	340	30	31 11	290	50	17	1045	
Yorks N.R.	Leeming	42	10	10	-	0	6	26	290	258	170	0	9.7	280	28	20 12	270	45	20	0900	
	Middlesbrough	23	19	19	-	0	8	49	376	276	43	0	12.0	350	32	31 10	270	45	18	1235	
Lincoln	Waddington	80	10	10	-	0	1	2	327	369	46	0	10.0	270	24	20 15	260	39	20	1505	
	Cranwell	77	13	13	-	0	3	13	265	353	110	3	9.2	260	24	30 15	290	39	20	1520	
	Coningsby	16	10	10	-	0	5	27	330	311	72	4	10.5	290	29	20 16	290	44	20	1305	
	Binbrook	118	10	10	-	0	8	43	374	257	70	0	11.7	280	31	20 13	280	44	18	1150	
	Manby	26	10	10	-	0	3	11	374	284	75	0	10.5	270	25	20 13	260	36	18	1210	
3 ENGLAND, E.																					
Norfolk	Marham	29	10	10	-	0	4	17	348	280	99	0	10.3	240	25	30 10	250	43	30	1525	
	West Raynham	93	17	14	β																
	Coltishall	27	10	10	-	0	3	4	310	355	75	0	9.5	250	22	30 12	290	40	18	1330	
Suffolk	Honington	104	16	10	-	0	1	4	327	349	64	0	9.8	270	23	18 11	270	39	18	1245	
	Wattisham	104	16	10	-	0	5	19	392	290	43	0	11.4	280	26	18 11	270	39	18	1215	
Bedford	Bedford	94	13	9	-	0	4	16	379	297	52	0	11.0	270	25	18 13	270	38	18	1245	
	Cardington	69	41	41	-	0	5	24	350	338	32	0	11.0	280	29	18 11	290	38	18	1015	
Hertford	Garston	94	15	10	-	0	0	0	100	488	156	0	6.6	260	19	30 14	260	40	30	1435	
	Rothamsted	141	13	10	-	0	0	0	152	481	107	4	7.4	260	19	30 15	300	38	18	1350	
Essex	Stansted	108	10	10	-	0	2	3	290	347	104	0	8.8	290	22	18 14	290	43	18	1330	
	Shoeburyness	36	32	28	4	4	10	41	517	171	11	0	14.1	080	36	4 15	280	47	18	1135	
4 MIDLAND COUNTIES																					
Yorks W.R.	Sheffield	162	25	11	-	0	0	0	153	357	234	0	6.6	280	21	1 12	230	45	1	1115	
	Church Fenton	18	10	10	20	1	8	33	321	286	103	0	10.5	280	34	20 10	280	52	20	0910	
Notts	Finningley	19	10	10	-	0	5	22	323	266	133	0	9.8	290	27	18 13	290	45	18	1150	
Rutland	Cottesmore	143	13	13	-	0	4	14	404	279	46	1	11.4	300	25	18 15	300	39	18	1340	
N'hampton	Wittering	-	-	-	**																
Warwick	Edgbaston	196	36	22	-	0	1	1	347	351	45	0	10.1	310	22	18 24	300	39	18	2345	
	Elmdon	105	10	10	-	0	4	13	281	318	132	0	9.1	260	24	18 10					

TABLE II (continued)—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— MARCH, 1970

DISTRICT COUNTY AND PLACE	HEIGHT OF VANE IN METRES			DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED										Mean Hourly Wind Speed in knots	HIGHEST VELOCITIES					
	Above Mean Sea Level	Above ground	Effective Height	34 Knots or more (Gale force)		22 to 33 knots		11 to 21 knots	4 to 10 knots	Less than 4 knots	No Record	HIGHEST HOURLY WIND			HIGHEST GUST					
				Dates of Occurrence	Duration (hr)	No. of days	Duration in Hours				Veer from N	Speed in knots	Hour ended at day hour		Veer from N	Speed in knots	Day and Time			
7a ENGLAND, N.W.																				
Cumberland Sellafield ...	25	12	11	-	0	2	6	211	393	134	0	8.1	240	25	30	06	280	34	18	1145
Carlisle ...	41	13	9	-	0	2	14	324	258	148	0	10.0	240	29	20	08	230	41	20	0540
Spadeadam ...	292	16	15	-	0	7	18	303	309	114	0	10.0	260	26	17	14	250	47	17	0535
Westmorland Great Dun Fell ...	857	10	10	1, 13, 16-18, 20, 31	57	25	247	320	107	13	0	19.8	260	44	17	12	260	57	17	1150
Moor House ...	597	15	14	§																
Lancashire Squires Gate ...	26	16	11	-	0	8	38	413	252	41	0	12.0	250	27	20	08	310	39	18	2050
Aigburth ...	38	23	11	-	0	5	19	315	310	100	0	10.1	270	25	17	11	330	43	1	2300
Southport ...	19	14	11	-	0	10	48	267	218	189	22	9.6	330	26	18	22	310	44	18	1710
Fleetwood ...	34	15	9	-	0	8	42	324	252	126	0	10.4	310	32	18	21	310	45	18	2045
Speke ...	30	10	10	-	0	4	27	337	302	78	0	10.9	280	26	18	13	290	42	18	1455
Manchester/W.Centre	82	45	17	-	0	2	2	289	368	85	0	9.3	270	22	18	10	270	45	18	0935
Cheshire Bidston ...	80	20	12	-	0	8	52	318	315	56	3	-	270	27	17	14	280	46	18	1045
Ringway ...	80	10	10	-	0	4	8	322	313	101	0	10.1	280	23	18	12	280	39	18	1125
7b NORTH WALES																				
Anglesey Valley ...	26	16	12	-	0	19	141	451	124	28	0	15.9	290	33	18	10	290	56	18	0955
8a SOUTH WALES																				
Cardigan Aberporth ...	144	10	10	-	0	20	183	429	118	14	0	16.8	330	33	31	23	310	61	4	0620
Pembroke Milford Haven C.B.	47	10	10	-	0	0	0	265	391	88	0	8.9	240	21	29	21	290	33	18	1250
Glamorgan Port Talbot ...	28	12	11	-	0	5	25	364	244	93	18	10.6	330	26	18	14	330	50	18	1350
Rhose ...	77	10	10	-	0	6	27	389	287	41	0	11.6	350	25	4	13	350	40	4	1045
8b ENGLAND, S.W.																				
Dorset Portland Bill C.G.	60	13	13	4	1	8	64	520	136	23	0	14.3	340	34	4	14	340	51	4	1435
Devon Mount Batten ...	64	13	13	-	0	6	27	418	251	48	0	11.8	340	30	4	14	340	53	4	0920
Chivenor ...	19	13	10	-	0	4	17	452	225	50	0	11.9	310	25	4	08	290	42	18	1455
Cornwall Scilly ...	70	20	17	-	0	12	143	434	131	28	8	15.6	300	33	4	09	310	53	4	0850
Lizard ...	96	23	18	§																
St. Mawgan ...	120	13	13	-	0	7	49	502	150	43	0	12.7	300	28	4	08	300	51	4	0820
9 NORTHERN IRELAND																				
Londonderry Ballykelly ...	13	12	10	-	0	10	43	401	220	80	0	11.9	020	31	11	22	300	50	18	1315
Antrim Aldergrove ...	80	10	10	-	0	1	6	333	336	69	0	10.0	360	25	31	14	290	44	18	1405
Ballypatrick Forest	166	13	13	-	0	17	134	448	130	32	0	15.0	300	31	18	14	270	54	18	0610
Belfast Harbour ...	21	18	18	-	0	14	85	422	207	30	0	13.4	350	31	31	15	310	53	18	1230
Down Kilkeel ...	35	18	14	-	0	4	18	398	259	65	4	11.0	010	25	31	16	310	45	18	1045
Orlock Head ...	51	16	12	2, 30, 31	14	22	220	405	63	33	9	17.7	340	36	31	17	320	57	2	0900
Armagh Portadown ...	26	10	10	§																
Tyrone Carrigans ...	129	10	10	-	0	2	2	246	326	170	0	8.1	010	24	11	23	310	53	18	1645
Fermanagh Castle Archdale Forest	80	13	13	-	0	2	4	332	343	65	0	9.7	010	24	11	24	010	46	11	2330
CHANNEL ISLES																				
Jersey Airport ...	98	18	12	-	0	3	24	444	256	20	0	12.3	360	29	4	20	350	45	4	1715

† Anemograph dismantled for re-erection * Defective record § Record ceased \$ Incomplete record ¶ Anemograph out of order ** Record ceased temporarily

TABLE III —SUMMARY OF DAILY OBSERVATIONS MARCH, 1970

DISTRICT, COUNTY AND PLACE			Max. Min.	Terminal hr. GMT of Observation	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days										BRIGHT SUNSHINE						
					MEANS OF		Daily Mean (mean of A & B)	Difference from 1931—60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1910—50 average	MOST IN A DAY		Precip'n 0.2 mm or more	1.0 mm or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931—60 average	Exposure		
									Maximum	Date	Minimum	Date					Amount (mm)	Date																	
					Max. (A)	Min. (B)									30 cm.	122 cm.																			
0 SCOTLAND, N.																																			
Zetland																																			
		Hamnavoe ...	99	21	5.3	1.2	3.3	-	8.3	16	-3.3	26	-	-	112	-	22	29	31	22	14	7	4	4	0	1	7	-	-	7	2.53	-	-		
		Lerwick ...	21-9	82	4.3	0.4	2.3	-1.6	8.4	15	-5.3	26	-	-	146	160	20	29	26	24	21	9	2	19	0	1	18	20	19	4	2.32	80	-	-	
		Baltasound ...	99	24	5.2	0.2	2.7	-	9.4	22	-6.7	2	3.5	-	143	152	14	16	29	28	18	11	1	5	0	0	15	-	-	5	1.92	-	-	-	
Orkney																																			
		Sule Skerry ...	21-9	13	5.8	1.9	3.9	-	8.5	14, 16	-4.4	27	-	-	104	-	20	19	26	20	11	3	1	1	0	0	6	20	14	8	-	-	-	-	
		Stenness ...	99	23	5.4	0.5	2.9	-	9.4	21	-8.3	5	3.0	4.1	98	146	13	19	30	25	10	13	1	5	0	0	10	21	-	7	2.73	-	-	-	
		Kirkwall ...	21-9	26	5.5	0.9	3.2	-1.6	9.2	14	-4.8	5	-	-	86	126	10	5	28	18	19	14	0	0	0	11	21	18	6	2.85	87	-	-	-	
Caithness																																			
		Dounreay ...	99	21	6.4	0.8	3.6	-	11.1	16	-4.4	5	-	-	92	154	11	25	25	21	6	5	2	0	0	2	14	17	-	4	3.45	-	-	-	
		Wick ...	21-9	36	5.9	0.1	3.0	-1.8	12.0	16	-6.7	5	-	-	69	150	8	26	28	20	14	10	0	14	0	0	16	23	22	4	3.62	101	-	-	-
		John O'Groats ...	99	30	6.1	0.9	3.5	-	10.6	16	-2.8	6	-	-	50	-	8	19	24	16	9	-	6	6	0	0	13	15	-	3	3.59	-	-	-	-
Sutherland																																			
		Cape Wrath ...	21-9	112	4.9	1.5	3.2	-2.1	8.0	14, 16	-2.7	26	-	-	104	142	24	16	29	20	17	6	6	4	0	0	9	13	13	8	3.31	-	-	-	-
		Achany ...	99	85	5.7	-1.7	2.0	-	10.6	21, 25	-11.7	5	1.9	3.2	119	165	21	16	28	25	17	15	7	0	0	0	20	27	-	0	-	-	-	-	-
		Strathly ...	99	37	5.9	-0.1	2.9	-1.8	11.7	16	-7.2	12	-	-	89	126	14	7	26	22	17	8	2	4	0	1	14	-	0	3.00	93	-	-	-	-
		Achentoul ...	99	137	4.5	-1.9	1.3	-	10.0	21	-12.2	5	-	-	123	-	11	5	30	22	17	18	1	11	1	0	18	28	-	3	3.27	-	-	-	-
Ross & Cromarty																																			
		Stornoway ...	21-9	3	6.3	0.5	3.4	-2.3	10.3	15	-7.2	5	-	-	115	197	12	19	27	24	15	5	2	14	0	0	15	17	16	1	4.06	116	-	-	-
		Balmacara ...	99	4	7.0	0.9	3.9	-	11.1	16	-5.0	5	-	-	147	-	15	29	28	25	9	13	0	0	0	0	11	-	0	-	-	-	-	-	-
		Poolewe ...	99	6	6.6	1.1	3.9	-	9.4	15, 16	-3.3	5, 12	-	-	186	186	25	16	28	25	7	-	5	7	0	0	13	17	-	0	3.09	-	-	-	-
		Rudh Re ...	21-9	16	5.9	2.3	4.1	-	9.0	16	-1.7	4	-	-	-	-	-	-	-	-	10	4	0	1	0	0	9	12	13	0	-	-	-	-	-
		Inverpolly ...	99	14	6.4	0.3	3.3	-	9.4	16, 20, 21	-6.1	4	3.9	-	134	149	16	16	26	25	14	10	1	5	0	-	14	23	-	10	-	-	-	-	-
		Achnashellach ...	99	67	5.6	-0.7	2.5	-2.7	10.0	21	-9.4	5	-	-	321	226	78	16	27	27	11	18	2	4	0	0	15	-	0	-	-	-	-	-	-
		Kninlochewe ...	99	23	6.3	-0.8	2.7	-3.0	11.1	16	-10.0	5	3.2	-	291	211	62	16	26	26	14	16	0	6	0	1	18	23	-	0	2.51	-	-	-	-
		Knockanrock ...	99	244	4.1	-0.9	1.6	-	8.9	16	-6.1	4, 5	-	-	266	-	52	16	29	28	13	18	0	0	0	0	-	19	24	-	4	-	-	-	-
		Strathconon ...	99	107	6.3	-0.9	2.7	-	10.6	21	-7.8	4	-	-	150	-	27	16	26	21	12	12	1	0	0	-	15	27	-	0	-	-	-	-	-
		Fortrose ...	99	5	6.3	1.3	3.8	-1.6	10.6	15	-3.9	4	-	-	43	112	8	19	18	10	6	3	0	0	0	0	9	-	0	3.69	105	-	-	-	-
		Tarbatness ...	21-9	18	6.1	1.0	3.5	-1.5	11.2	21	-4.0	5	-	-	45	156	7	19	22	14	12	0	0	0	0	0	10	-	-	4	-	-	-	-	-

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

MARCH,

1970

DISTRICT, COUNTY AND PLACE		Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days												BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
					MEANS OF		Daily Mean (mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1916-50 average	MOST IN A DAY		Precip'n 0.2 mm or more 1/10 mm or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost below 0°C	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

MARCH,

1970

DISTRICT, COUNTY AND PLACE		Max. Temp. in hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days												BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
				MEANS OF		Daily Mean (mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						30 cm.	122 cm.	Total fall (mm.)	Percentage of 1931-60 average	MOST IN A DAY		Precip'n 0.2 mm or more	140 mm or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
				Max. (A)	Min. (B)			Maximum	Date	Minimum	Date	Amount (mm.)	Date																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

MARCH,

1970

DISTRICT, COUNTY AND PLACE	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days												BRIGHT SUNSHINE		
			MEANS OF		Daily Mean (mean of A & B)	Difference from 1911-50 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1910-50 average	MOST IN A DAY		Precip'n 0.2 mm or more	150 mm or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1911-50 average	Exposure
			Max. (A)	Min. (B)			Maximum	Date	Minimum	Date					Amount (mm.)	Date															
6b ISLE OF MAN																															
Ronaldsway ...	21-9	17	7.5	2.7	5.1	-	12.1	17	-1.5	25	-	-	81	147	12	9	20	14	12	2	4	8	0	0	5	16	13	0	4.42	-	-
Douglas ...	99	87	6.8	1.9	4.3	-1.6	10.6	20	-1.7	5	-	-	74	100	13	11	17	16	8	4	0	6	0	0	6	14	-	10	4.73	122	-
Point of Ayre ...	21-9	9	7.8	2.7	5.3	-	11.9	20	-1.4	25	-	-	46	94	9	28	20	14	5	1	3	0	0	0	2	-	4	4.97	-	-	
2 ENGLAND, N.E.																															
Northumberland																															
Kielder Castle ...	99	201	6.2	-2.4	1.9	-	11.1	17	-8.9	7	2.3	-	73	93	20	29	23	16	16	6	0	2	0	5	21	27	-	0	-	-	-
Haydon Bridge ...	99	79	7.2	-1.0	3.1	-	11.7	17	-6.1	7,25	3.2	3.7	51	-	7	12	21	13	9	6	0	0	1	17	24	-	0	-	-	-	
Corbridge ...	99	49	7.4	-0.1	3.7	-	12.2	15,17	-6.7	25	-	-	37	-	9	21	16	12	9	1	0	0	0	14	24	-	0	-	-	-	
Berwick-on-Tweed †	99	23	7.0	1.3	4.1	-1.1	11.7	1,17	-3.3	7	-	-	32	83	4	9,31	20	13	9	2	3	0	0	0	8	20	-	0	4.42	123	-
Acklington ...	21-9	42	7.1	0.2	3.7	-1.2	12.2	15	-4.7	9	-	-	38	91	6	8	17	14	15	5	2	4	0	0	15	(23)(20)	2	5.19	-	-	
Tynemouth †	21-9	29	6.6	1.3	4.0	-1.7	12.1	17	-3.8	7	-	-	39	100	11	4	16	8	14	6	0	1	0	0	11	20	-	3	4.48	140	-
Seahouses ...	21-9	11	6.9	1.2	4.1	-	12.0	17	-2.9	4	-	-	33	-	5	21	15	9	9	2	7	1	0	0	12	19	18	6	4.57	-	-
Durham																															
Chopwellwood ...	99	136	7.0	-0.4	3.3	-1.7	12.2	17	-4.4	4,7,9	-	-	40	88	8	21	22	13	4	6	0	0	0	14	28	-	0	-	-	-	
Ushaw College ...	99	181																													
Houghall ...	99	37																													
Durham †	99	102	7.5	-0.3	3.6	-1.5	12.8	17	-7.8	9	3.4	4.7	32	77	8	21	18	9	-	5	-	-	5	13	22	-	-	4.80	68	-	
Hartburn Grange ...	99	31	7.3	-0.7	3.3	-	12.8	20	-8.3	9	-	-	31	-	7	21	17	21	-	6	-	-	2	16	24	-	-	3.99	-	-	
Hartlepool ...	99	9	7.7	0.8	4.3	-	13.3	17	-8.3	9	-	-	47	136	10	21	16	12	9	8	1	0	0	0	12	-	-	0	4.30	-	-
Yorks., N. Riding																															
Leeming ...	21-9	32	7.6	0.7	4.1	-	13.6	20	-9.0	9	-	-	27	-	8	21	16	7	14	5	1	1	0	2	14	24	20	0	4.07	-	-
Marton ...	99	46	7.4	-1.1	3.1	-	12.8	20	-8.9	9	3.6	4.8	54	-	10	21	18	13	11	7	0	2	0	-	15	20	-	0	3.80	-	-
York (Heslington) ...	99	20	7.6	0.4	4.0	-	13.3	20	-6.7	9	3.5	4.4	31	-	11	21	11	7	-	2	-	-	1	15	24	-	-	3.65	-	-	
Ampleforth ...	99	95	7.2	-0.8	3.2	-1.9	12.8	20	-7.8	9	-	-	53	113	15	30	13	8	4	-	1	0	0	1	19	26	-	0	3.68	108	-
Redcar ...	99	8	7.7	0.8	4.3	-	12.8	17,20	-5.6	9	-	-	55	157	10	31	20	13	-	3	-	-	0	11	-	-	-	-	-	-	
Pickering ...	99	44	7.3	-0.9	3.2	-	13.4	20	-8.3	9	-	-	52	-	12	21	17	10	14	9	0	0	0	2	18	25	-	0	-	-	-
Scarborough ...	99	36	7.6	1.3	4.5	-1.6	14.4	20	-3.9	9	4.2	5.5	59	154	14	21	18	12	8	1	0	0	2	9	-	-	0	3.98	117	-	
Silpho Moor ...	99	203	5.8	-1.0	2.4	-	12.8	20	-6.7	9	2.6	-	86	166	21	4	21	15	5	12	0	0	0	2	20	28	-	0	4.08	-	-
Whitby Coast Guard	21-9	63	6.7	1.0	3.9	-	12.7	17	-6.7	9	-	-	36	-	11	21	13	10	9	4	0	2	0	1	10	12	13	7	-	-	-
Yorks., E. Riding																															
High Mowthorpe ...	99	175	5.4	-1.1	2.1	-	12.2	20	-6.6	7	2.3	-	50	104	16	21	12	10	-	6	-	-	2	19	27	-	-	4.12	-	-	
Hull †	99	2	7.7	0.7	4.2	-1.8	13.9	20	-4.4	9	3.9	5.7	41	109	7	21	19	14	8	5	0	0	0	0	11	21	-	0	3.62	118	-
Filey ...	99	37	6.7	-0.2	3.3	-	12.8	17,20	-8.3	9	-	-	56	136	17	21	15	11	6	10	2	0	0	2	15	19	-	0	3.72	-	-
Bridlington †	99	48	6.8	-0.2	3.3	-1.8	13.3	17,20	-6.1	7	-	-	44	105	11	21	21	14	11	1	1	0	0	1	16	19	-	1	4.20	109	-
Kilnsea ...	21-9	12	6.5	0.5	3.5	-	13.0	20	-5.0	5	-	-	28	-	6	21	15	8	11	3	0	0	0	1	13	-	4	3.51	-	-	
Lincoln																															
Waddington †	21-9	68	6.5	0.2	3.3	-2.3	13.5	20	-7.1	9	-	-	52	-	10	12	20	14	15	7	0	2	0	3	17	20	19	0	3.38	93	-
Lincoln †	99	7	7.1	-1.4	2.9	-3.0	14.4	20	-12.2	9	3.2	4.0	49	134	9	12	23	4	7	6	0	0	0	4	18	25	-	0	3.48	-	-
Cranwell ...	99	62	6.6	-0.5	3.1	-2.4	14.0	20	-6.1	8	3.5	4.5	56	151	13	12	19	13	11	7	0	1	1	2	19	21	20	0	3.40	93	-
Brigg ...	99	3	7.2	-1.0	3.1	-	13.9	20	-11.1	8	-	-	42	-	7	21	20	14	11	6	0	0	0	4	20	21	-	0	-	-	-
Binbrook ...	21-9	108	6.0	-0.4	2.8	-	13.2	17	-7.7	8	-	-	43	-	7	12	18	12	15	9	1	4	0	4	19	23	20	0	-	-	-
Cleethorpes ...	99	7	7.2	0.9	4.1	-1.6	11.7	16,17	-5.6	8	-	-	34	93	6	3	15	11	8	4	0	1	0	1	10	-	-	0	-	-	-
Manby ...	21-9	17	7.1	-0.1	3.1	-	14.9	20	-8.8	8	3.7	-	37	108	7	11	19	9	13	8	0	2	1	1	18	23	19	0	3.32	-	-
Skegness ...	99	5	6.7	2.2	4.5	-1.0	13.9	20	-6.1	8	-	-	30	90	9	11	11	8	3	2	0	0	0	0	16	22	-	0	3.31	88	-
3 ENGLAND, E.																															
Norfolk																															
Terrington St. Cl. †	99	4	6.4	0.1	3.3	-2.5	12.2	17	-6.7	5	3.9	</																			

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

MARCH,

1970

DISTRICT, COUNTY AND PLACE	Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days												BRIGHT SUNSHINE				
				MEANS OF		Daily Mean (mean of A & B)	Difference from 1931-50 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1910-50 average	MOST IN A DAY		Precip'n 0.2 mm or more	1.0 mm or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Cale	Daily Mean (hr.)	Percentage of 1931-50 average	Exposure		
				Max. (A)	Min. (B)			Maximum	Date	Minimum	Date					Amount (mm.)	Date																	
4 MIDLAND COUNTIES — contd.																																		
Hereford																																		
Lyonshall	99	155	7.3					13.9	20	-5.6	4	-	-	57	100	13	12	21	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ross-on-Wye	21-9	68	7.6	1.1	4.3	-2.1	14.6	20	-4.2	3	4.2	5.6	-	50	102	19	12	18	10	9	4	2	0	0	0	12	23	18	0	3.50	93	-	-	
Preston Wynne	99	84	7.3	0.0	3.7	-	13.9	17,20	-6.1	3.7	-	-	-	53	127	9	3	21	12	8	5	2	1	0	2	15	29	-	0	4.05	-	-	-	
Gloucester																																		
Filton	21-9	59	7.8	1.5	4.7	-1.8	11.6	21	-3.5	9	-	-	-	39	78	10	3	17	11	10	1	6	1	0	0	9	16	17	0	3.64	-	-	-	
Hempsted	99	12	7.9	0.8	4.3	-	15.0	20	-4.4	9	5.1	6.7	-	59	124	19	12	16	11	7	2	0	1	1	0	13	22	-	0	3.11	-	-	-	
Gloucester	21-9	24	8.1	1.6	4.9	-	15.5	20	-4.0	3	-	-	-	53	-	14	12	18	12	9	2	1	4	1	0	11	18	15	0	3.42	-	-	-	
Cheltenham	99	65	7.5	0.6	4.1	-2.3	13.9	20,21	-5.6	5	-	-	-	48	115	8	3	21	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cirencester	99	135	7.2	-0.3	3.5	-	13.3	20	-6.7	5	-	-	-	65	115	12	12	21	13	9	9	2	1	0	0	15	21	-	0	3.61	-	-	-	
Little Rissington	21-9	226	6.0	-0.1	2.9	-	13.7	20	-4.5	9	-	-	-	29	55	6	3	15	11	13	7	0	2	0	2	19	23	20	0	3.68	-	-	-	
5 ENGLAND, S.E.																																		
Greater London																																		
Kensington Palace	99	25	7.8	1.4	4.6	-2.5	13.3	20	-3.9	8	4.7	5.7	-	47	121	10	22	18	10	6	5	1	0	2	1	12	21	-	0	-	-	-	-	
Hampstead	99	137	7.2	0.2	3.7	-2.1	13.3	20	-4.8	8	-	-	-	61	149	12	22	21	10	7	9	2	0	0	-	17	22	-	0	3.33	94	-	-	
St. James's Park	99	4	8.1	1.9	5.0	-2.2	13.9	20	-2.8	8	-	-	-	56	148	15	4	16	10	-	-	-	-	-	-	9	19	-	-	-	-	-	-	
London/W. Centre																																		
Greenwich	99	7	7.8	1.3	4.5	-	13.9	20	-5.0	3	-	-	-	51	139	13	22	14	9	-	3	-	-	-	-	0	-	-	-	-	3.07	93	-	
Heathrow	21-9	25	8.1	0.9	4.5	-2.1	13.8	20	-5.0	8	-	-	-	38	99	9	11	14	8	7	4	1	3	1	0	14	19	15	0	3.22	-	-	-	
Hampton	99	12	8.1	1.1	4.6	-	12.8	20,22	-3.9	10	-	-	-	37	103	8	11	15	8	6	5	1	0	0	0	11	20	-	0	3.44	-	-	-	
Wealdstone																																		
Southgate	99	67	7.4	0.5	3.9	-	13.9	20	-5.6	8,9	4.5	-	-	51	128	11	22	16	9	4	8	0	0	2	0	13	20	-	0	3.21	-	-	-	
Kew*	21-9	5	7.9	0.6	4.3	-	13.9	20	-6.3	8	4.3	5.7	-	43	117	9	22	13	8	6	3	1	4	0	0	15	19	17	0	3.42	94	-	-	
Waddon	99	59	7.8	1.6	4.7	-2.0	13.4	20	-4.3	8	-	-	-	42	98	14	4	14	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Addington	99	144	6.9	0.3	4.6	-1.3	12.8	20	-5.0	8	-	-	-	44	99	8	3,4	16	12	-	-	-	-	-	0	14	-	-	-	-	-	-	-	
Bromley	99	65	-	0.3	-	-	-	-	-6.7	8	-	-	-	43	105	13	4	12	11	-	-	-	-	-	0	12	-	-	-	-	-	-	-	
Surrey																																		
Gatwick	21-9	59	8.1	-0.2	3.9	-2.2	14.1	20	-7.1	10	-	-	-	46	95	9	22	15	10	7	4	1	2	0	1	18	19	18	0	3.70	-	-	-	
Witley	99	35	7.9	0.6	4.3	-2.0	13.3	20	-4.4	8	4.9	6.1	-	41	100	9	11	19	9	-	4	-	-	-	0	14	20	-	-	3.30	89	-	-	
Mickleham	99	55	(7.9)	-1.2	(3.3)	-	13.9	20	-8.3	8	4.0	4.7	-	54	112	10	3	16	11	5	4	0	1	1	0	17	22	-	0	-	-	-	-	
Kent																																		
Dartford	99	5	7.6	-0.1	3.7	-	13.3	20	-8.3	8	4.8	5.7	-	48	-	14	4	15	10	6	7	0	1	1	3	14	20	-	0	3.08	-	-	-	
Hadlow College	99	30	7.6	-0.1	3.7	-	13.3	20	-8.3	8	4.8	5.7	-	48	-	14	4	15	10	6	7	0	1	1	-	15	-	-	-	-	-	-	-	
Gillingham	99	4	7.6	0.7	4.1	-	13.9	20	-6.7	9	-	-	-	49	125	15	4	14	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Peckham	21-9	29	7.6	-0.2	3.7	-	13.2	20	-9.7	7	-	-	-	44	-	16	4	18	10	4	7	0	0	1	1	17	19	18	0	3.93	-	-	-	
Dungeness	21-9	3	7.1	1.4	4.3	-1.5	10.7	19	-6.1	8	-	-	-	44	115	21	4	15	13	6	2	0	0	0	1	13	-	-	1	-	-	-	-	
Whitstable	99	3	7.5	1.1	4.3	-	14.4	20	-6.7	9	-	-	-	61	178	21	4	15	11	3	6	2	0	1	0	10	-	-	2	3.62	-	-	-	
Folkstone	99	39	7.0	1.3	4.1	-	11.7	20	-4.4	6	6.6	4.9	-	49	123	18	4	16	11	5	0	0	0	0	1	12	17	-	1	4.23	-	-	-	
Elmstone	99	9	7.5	0.1	3.8	-	14.4	20,21	-9.4	9	-	-	-	42	-	19	4	15	11	-	6	-	-	-	-	0	14	15	-	-	-	-	-	
Herne Bay	99	6	7.2	1.6	4.4	-	14.4	20	-5.6	9	-	-	-	56	155	27	4	14	11	4	6	0	0	1	1	9	-	-	0	3.51	-	-	-	
Dover	99	6	-	-	-	-	11.1	20	-	-	5.2	5.4	-	72	157	26	4	18	12	8	4	3	0	1	0	-	-	-	1	4.08	-	-	-	
Deal	21-9	5	7.3	1.4	4.3	-	14.8	20	-6.5	9	-	-	-	58	-	20	4	15	10	6	3	0	0	0	0	10	16	15	0	-	-	-	-	
Manston	21-9	44	7.0	0.7	3.9	-	14.9	20	-6.0	8,9	-	-	-	51	158	21	4	14	11	9	6	0	1	0	0	12	17	16	0	-	-	-	-	
Margate	99	16	6.9	1.9	4.4	-2.1	13.9	20	-3.3	7	4.3	5.6	-	33	-	11	4	13	10	4	7	0	0	0	0	9	13	-	0	3.65	81	-	-	
West Malling	99	93	7.4	-0.2	3.6	-	12.8	20	-7.8	10	-	-	-	58	110	26	4	16	12	6	8	0	1	0	0	0	15	20	-	0	-	-	-	
Goudhurst	99	85	7.6	0.1	3.9	-2.0	13.9	20	-8.3	8	4.1	5.3	-	51	122	12	4	20	15	7	7	0	0	0	0	13	19	-	0	3.50	91	-	-	
East Malling	99	37	6.7	-0.4	3.1	-	12.8	20,21	-6.7	8	3.5	4.7	-	73	145	23	4	20	13	10	11	1	0	1	2	19	24	-	2	3.18	-	-	-	
Throley	99	150	6.7	-0.4	3.1	-	13.9	20	-8.9	9	4.1	5.1	-	58	-	17	4	19	12	5	7	1	0	1	1	13	19	-	0	3.55	-	-	-	
Faversham	99																																	

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

MARCH, 1970

51

DISTRICT, COUNTY AND PLACE	Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days												BRIGHT SUNSHINE		
				MEANS OF		Daily Mean (mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1931-60 average	MOST IN A DAY		Precip'n 0.2 mm or more	1.0 mm or more	Snow or Sleet	Snow lying at 0 hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 0 hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure
				Max. (A)	Min. (B)			Maximum	Date	Minimum	Date					Amount (mm.)	Date															
5. ENGLAND, S.E. — contd.																																
Hampshire — contd.																																
Southsea ...	99	2	8.1	2.0	5.1	-1.9	13.3	29	-2.8	8	5.5	7.2	56	118	12	12	18	13	5	1	0	0	0	0	9	16	-	0	3.56	82	-	-
Hayling Island ...	99	4	7.7	1.7	4.7	-	11.7	29	-3.9	10	-	-	56	-	11	12	21	12	6	1	1	0	0	0	9	-	-	0	3.90	-	-	-
Long Sutton ...	99	156	6.9	(-0.4)	(3.3)	(-2.5)	11.7	20	-5.6	5, 7	3.9	-	42	81	9	11	18	14	5	5	0	2	1	2	17	28	-	1	3.34	86	-	-
Alice Holt Lodge ...	99	115	7.4	-0.1	3.7	-	12.2	20	-5.0	5, 10	-	-	42	81	9	3	17	10	4	4	0	0	1	1	15	22	-	0	3.64	-	-	-
S. Farnborough ...	99	69	7.8	-0.1	3.9	-2.2	12.6	20	-6.5	10	-	-	35	81	8	11	16	7	10	2	2	1	1	0	15	17	17	0	3.05	79	-	-
Isle of Wight																																
St. Catherine's Pt. ...	99	16	7.7	1.3	4.5	-2.0	11.0	15	-3.0	3	-	-	68	139	19	12	20	13	7	-	1	0	0	1	12	-	-	1	-	-	-	-
Ventnor * ...	99	122	8.1	1.8	4.9	-1.9	11.1	20, 23, 29	-2.8	3, (10)	5.6	6.7	71	132	17	12	21	14	5	2	0	0	0	1	9	13	-	0	4.66	101	-	-
Shanklin ...	99	55	(7.8)	(1.3)	(4.5)	-	11.1	20, 23, 29	-3.9	3, 10	-	-	74	126	20	12	22	14	8	-	1	0	0	1	14	-	-	1	4.45	-	-	-
Sandown ...	99	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ryde ...	99	5	8.2	2.2	5.2	-1.6	12.8	20	-3.3	10	-	-	53	107	10	12	17	14	8	1	1	0	0	0	8	-	-	3	3.58	85	-	-
Wiltshire																																
Lacock ...	99	49	(8.2)	-2.2	(3.0)	-	12.2	(17, 21)	-7.2	5, 8, 9	-	-	43	90	8	3	15	13	-	2	-	-	-	0	22	25	-	-	-	-	-	-
West Lavington ...	99	93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Lynham ...	21-9	145	7.0	0.3	3.7	-2.0	11.2	20	-6.0	5	-	-	41	89	7	3	16	9	11	6	3	4	1	1	17	20	17	0	3.82	-	-	-
Larkhill ...	99	132	7.3	-0.2	3.5	-2.3	12.0	22	-6.3	3	-	-	51	111	10	3	20	12	7	4	1	0	1	0	16	22	18	0	-	-	-	-
Boscombe Down ...	21-9	126	7.5	0.1	3.8	-2.2	12.1	23	-5.6	8	-	-	43	96	7	12	19	13	10	4	1	6	0	0	16	23	19	1	3.79	94	-	-
Upavon ...	21-9	176	6.7	-0.2	3.3	-	11.2	30	-5.5	8	-	-	56	117	9	3	21	17	12	5	0	7	1	2	17	22	19	0	-	-	-	-
Porton ...	99	111	7.4	-0.6	3.4	-2.4	11.8	30	-6.7	9	3.5	-	55	116	8	12	19	16	-	4	-	-	-	0	15	21	20	-	3.54	86	-	-
7a. ENGLAND, N.W.																																
Cumberland																																
Sellafield ...	99	13	(7.6)	-	-	-	11.1	23	-	-	-	-	48	72	10	10	13	9	-	1	-	-	-	1	-	19	-	-	5.22	-	-	-
Carlisle ...	21-9	26	7.3	-0.1	3.6	-	11.4	17	-6.0	7	-	-	55	-	9	30	16	14	13	3	4	2	0	3	17	22	19	0	4.11	-	-	-
Newton Rigg ...	99	171	6.1	-0.5	2.8	-2.1	10.0	20	-5.0	5, 7	3.3	-	48	85	9	29	21	13	-	5	-	-	-	0	19	25	-	-	3.75	111	-	-
Spadeadam ...	99	274	4.9	-2.3	1.3	-	8.9	17	-8.9	6, 7	2.0	2.9	81	-	11	30	23	15	16	5	0	3	0	6	25	25	-	0	4.15	-	-	-
Westmorland																																
Ambleside ...	99	46	7.1	0.3	3.7	-	12.8	15	-5.0	25	-	-	84	70	13	19	19	17	11	2	0	1	0	0	16	-	-	0	-	-	-	-
Great Dun Fell ...	21-9	847	-0.8	-4.5	-2.7	-	4.0	16	-9.0	3	-	-	-	-	-	-	-	-	-	30	-	-	-	22	30	-	-	-	2.44	-	-	-
Moor House ...	99	556	1.9	-3.6	-0.9	-	6.1	20	-10.6	9	0.4	-	154	117	30	29	24	19	-	16	-	-	-	3	25	30	-	-	3.47	-	-	-
Lancashire																																
Squires Gate ...	21-9	10	7.1	1.6	4.3	-1.5	10.1	29	-4.3	5	-	-	59	123	9	10	18	15	12	3	1	3	1	2	7	21	15	0	4.70	125	-	-
Aigburth ...	99	14	7.2	2.1	4.7	-	12.5	17	-4.3	10	4.3	6.2	64	-	14	3	26	13	9	8	0	8	0	2	7	14	-	0	4.28	-	-	-
Southport ...	99	5	6.6	0.8	3.7	-	10.0	17	-5.6	9	4.1	6.6	59	121	11	10	18	13	-	4	-	-	-	2	10	19	-	-	4.60	-	-	-
Poulton-le-Fylde ...	99	12	-	-	-	-	-	-	-	-	-	-	40	76	10	10	13	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cartmel ...	99	34	7.1	-0.4	3.3	-	11.7	15	-10.0	7	-	-	63	-	12	30	19	15	-	4	-	-	-	3	15	-	-	-	-	-	-	-
Grizedale ...	99	91	6.9	-1.5	2.7	-	11.7	15, 20	-11.1	8	2.8	-	86	-	13	10	19	14	10	3	0	0	0	0	20	27	-	0	-	-	-	-
Speke ...	21-9	22	7.4	1.6	4.5	-1.6	13.1	17	-5.1	9	-	-	69	153	17	3	21	13	12	6	7	5	0	3	9	16	16	0	4.21	-	-	-
Kirkham ...	99	24	6.9	0.3	3.6	-	11.7	20	-6.7	5, 7	-	-	53	99	10	10	17	11	7	5	1	1	0	2	14	25	-	0	4.47	-	-	-
Bailrigg ...	99	50	7.0	0.5	3.7	-	10.1	15	-5.0	7	-	-	59	-	15	30	17	11	-	3	-	-	-	0	14	25	-	-	-	-	-	-
Morecambe ...	99	7	6.8	1.8	4.3	-1.6	10.0	15	-3.3	5	-	-	56	104	11	30	16	13	7	1	0	1	0	1	6	-	-	0	4.45	119	-	-
Preston ...	99	33	7.2	0.7	3.9	-	11.7	20	-6.7	5	-	-	58	106	10	10	20	15	10	5	0	0	0	5	14	20	-	0	-	-	-	-
Bolton ...	99	107	6.3	0.4	3.3	-	11.1	17, 20	-6.1	9	3.4	-	85	-	17	10	20	14	-	8	-	-	-	3	14	21	-	-	3.72	-	-	-
Stonyhurst ...	99	115	6.6	0.1	3.3	-1.9	11.7	15	-6.1	5	-	-	78	116	18	10	21	13	-	6	-	-	-	5	18	25	-	-	4.04	123	-	-
Manchester/W. Centre ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Helmshore ...	99	261	4.9	-0.3	2.3	-	10.0	15	-6.7	9	3.1	-	97	105	16	10	21	17	-	7	-	-	-	1	15	25	-	-	4.18	-	-	-
Burnley ...	99	200	5.7	-0.7	2.5	-	11.1	15	-10.6	5	3.4	4.7	79	-	12	10	20	18	6	6	0	0	0	5	15	26	-	0	3.54	-	-	-
Nelson ...	99	165	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Rochdale ...	99	110	6.1	-0.5	2.8	-	11.1	15, 20	-6.7	5, 9	-	-	95	145	14	23	19	17	6	4	1	1	1	3	16	23	-	0	-	-	-	-
Cheshire																																
West Kirby Park ...	99	8	7.9	1.7	4.8	-	12.8	17	-3.3	9	-	-	78	-	13	3	25	18	-	-	-	-	-	-	8	19	-	-	4.03	-	-	-
Bidston ...	99	60	6.4	2.1	4.3	-1.7	11.6	17	-2.9	9	-	-	64	153	10	3	22	14	-	-	-	-	-	2	6	11	-	-	3.84	108	-	-
Ness Gardens ...	99	55	7.3	(1.5)	(4.4)	-	13.7	17	-5.1	9	-	-	72	-	16	3	24	15	7	5	2	3	0	2	8	19	-	0	3.86	-	-	-
Winnington ...	99	20	8.0	0.8	4.4	-	13.9	17	-8.3	5	-	-	58	129	11	3	21	12	9	6	0	0	0	5	9	19	-	0	-	-	-	-
Knutsford ...	99	65	(6.9)	-0.1	(3.4)	-	13.9	17	-8.3	5, 9	3.3	4.2	62	130	10	21	20	15	-	9	-	-	-	13	-	-	-	-	-	-	-	-
Ringway ...	21-9	75	6.7	0.6	3.7	-2.1	13.3	17	-7.1	5	-	-	60	134	12	21	21	14	14	7	0	6	0	3	12	19	17	0	3.95	123	-	-
Macclesfield ...	99	152	(6.3)	0.0	(3.1)	(-2.4)	11.7	17	-6.1	5	-	-	76	147	12	21	19	17	14	8	0	0	0	1	13	-	-	0	-	-	-	-
7b. NORTH WALES																																
Flint																																
Rhyl ...	99	9	7.3	2.3	4.8	-1.8	13.3	17	-2.8	9, 25	-	-	73	174	18	3	20	15	7	1	1	4	0	0	4	-	-	0	4.02	106	-	-
Prestatyn ...	99	4	7.3	2.3	4.8	-	12.8	17	-2.8	9	-	-	89	197	17	3	22	17	5	2	5	0	0	0	4	-	-	0	-	-	-	-
Hawarden Bridge ...	99	5	7.9	(1.9)	(4.9)	(-1.4)	14.4	17	-3.9	9	-	-	70	164	13	21	23	18	8	5	0	1	0	1	11	-	-	0	-			

*Conservancy Board **City Boys' School

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS

MARCH,

1970

Height of Barometer above M.S.L. in metres	Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)						VISIBILITY (Metres and Kilometres)										WIND SPEED AND DIRECTION													
		At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	MEAN	0	1-2	3-5	6-7	8	9	0-39 m.	40-199 m.	200-399 m.	400-599 m.	1000-1999 m.	2000-3999 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
																									SPEED IN KNOTS												
																									8 or more	4-7	4-5	1-3	Calm								
Number of Observations																																					
0 SCOTLAND, N.																																					
Lerwick [Zetland]																																					
83	3	1005.6	-	2.1	0.8	6.2	87	6.5	0	3	4	8	16	0	0	0	0	1	0	0	8	7	9	6	0	7	12	10	2	4	0	2	3	1	4	6	9
	9	1005.7	-6.4	2.5	0.8	6.4	86	6.4	0	3	5	12	10	1	0	0	0	1	0	2	9	8	5	6	0	7	17	4	3	3	0	2	2	2	4	6	9
	15	1005.9	-	3.1	0.8	6.6	85	6.9	0	1	2	18	10	0	0	0	0	0	3	8	8	10	2	0	8	17	5	1	8	3	1	1	2	3	7	5	
	21	1006.1	-	2.1	0.8	6.2	86	5.5	0	5	7	12	7	0	0	0	0	1	0	7	6	11	6	1	4	14	10	2	2	1	1	3	1	6	6	9	
Kirkwall [Orkney]																																					
26	3	1007.6	-	2.4	0.8	6.4	86	5.1	1	8	4	7	11	0	0	0	0	0	0	5	9	13	4	2	8	13	5	3	3	1	0	2	2	3	6	11	
	9	1007.5	-4.8	3.2	0.8	6.7	86	6.1	0	2	7	12	10	0	0	0	0	0	0	7	4	13	7	4	6	14	7	0	5	1	2	0	2	4	10	7	
	15	1007.8	-	4.2	1.2	6.7	80	6.3	0	3	3	18	6	1	0	0	0	0	2	0	1	5	14	9	4	8	16	3	0	9	1	1	0	2	1	10	7
	21	1008.2	-	2.6	0.8	6.3	85	6.5	0	1	8	11	11	0	0	0	0	0	0	5	5	18	3	0	11	10	9	1	5	1	1	1	2	5	6	9	
Wick [Caithness]																																					
37	3	1008.5	-	1.9	0.6	6.3	88	4.9	1	11	1	10	8	0	0	0	0	0	0	6	5	16	4	1	5	10	15	0	3	0	1	2	3	2	12	8	
	9	1008.4	-4.0	2.8	0.8	6.5	86	5.4	0	7	6	12	6	0	0	0	0	0	1	5	5	10	10	1	5	14	10	1	2	2	0	0	2	5	11	8	
	15	1008.5	-	4.4	1.3	6.7	80	5.9	0	2	9	14	6	0	0	0	0	1	1	5	10	5	9	2	7	17	5	0	6	1	2	0	2	1	8	11	
	21	1009.0	-	1.9	0.7	6.1	86	5.4	0	6	6	15	4	0	0	0	0	0	0	4	6	17	4	0	6	11	14	0	6	1	1	2	1	3	11	6	
Cape Wrath* [Sutherland]																																					
113	3	1008.4	-	3.2	1.0	6.5	83	6.2	0	4	7	4	16	0	0	0	0	0	0	2	3	11	15	4	7	9	10	1	4	2	1	0	2	9	3	9	
	9	1008.7	-	3.5	0.9	6.7	84	6.1	0	0	8	15	8	0	0	0	0	0	0	3	3	11	14	4	5	12	9	1	4	3	0	0	0	10	3	10	
	15	1009.0	-	3.9	1.0	6.8	83	6.3	0	2	5	14	10	0	0	0	0	0	0	3	2	10	16	2	7	10	12	0	7	3	1	0	0	10	4	6	
	21	1009.0	-	3.3	0.9	6.6	85	6.3	0	2	6	11	12	0	0	0	0	0	0	2	2	17	10	2	6	14	8	1	5	2	1	0	1	10	4	7	
Stornoway [Ross & Cromarty]																																					
5	3	1010.4	-	2.6	0.8	7.1	95	4.7	1	7	11	5	7	0	0	0	0	0	0	2	15	12	2	0	3	14	12	2	6	1	1	0	1	6	9	5	
	9	1010.6	-1.3	3.3	0.5	7.2	91	5.4	0	4	9	13	5	0	0	0	0	1	0	7	9	7	7	0	4	17	8	2	9	0	1	0	1	6	6	6	
	15	1010.6	-	5.2	1.0	7.6	85	5.2	0	3	11	15	2	0	0	0	0	0	0	4	13	9	5	0	9	17	4	1	10	3	1	0	2	3	7	4	
	21	1010.9	-	2.5	0.4	7.0	93	5.1	1	6	9	7	7	1	0	0	1	0	0	5	14	9	2	0	6	11	12	2	8	1	1	0	4	5	4	6	
Benbecula [Inverness]																																					
7	3	1012.1	-	3.4	0.7	7.0	88	5.3	1	5	8	9	8	0	0	0	0	0	0	4	12	12	3	0	5	11	15	0	11	1	1	0	2	6	4	6	
	9	1012.1	+0.3	4.0	0.8	7.1	86	5.2	0	6	7	14	4	0	0	0	0	0	1	5	9	8	8	0	4	16	10	1	7	4	1	0	2	6	5	5	
	15	1012.1	-	5.2	1.2	7.2	81	5.9	0	4	6	17	4	0	0	0	0	0	0	4	12	9	6	0	4	17	9	1	7	2	3	0	1	4	8	5	
	21	1012.3	-	3.5	0.7	6.9	87	5.3	1	7	4	14	5	0	0	0	0	0	2	2	11	11	5	0	6	12	10	3	7	2	1	1	3	5	5	4	
1 SCOTLAND, E																																					
Kinloss [Moray]																																					
6	3	1010.0	-	2.2	1.0	6.0	83	5.1	1	7	6	11	6	0	0	0	0	0	1	1	4	15	10	0	3	17	10	1	0	1	1	1	2	8	14	3	
	9	1010.1	-1.7	3.6	1.3	6.3	79	5.5	0	5	5	17	4	0	0	0	0	0	1	4	3	7	16	0	6	14	11	0	2	1	1	0	1	7	15	4	
	15	1009.9	-	5.6	2.1	6.3	69	6.0	0	0	11	15	5	0	0	0	0	0	1	3	4	7	16	0	9	14	8	0	5	1	1	0	2	4	11	7	
	21	1010.4	-	2.7	1.0	6.2	82	5.5	0	6	5	14	6	0	0	0	0	0	0	3	5	15	8	0	4	15	12	0	2	1	1	0	4	6	9	8	
Dyce [Aberdeen]																																					
59	3	1009.4	-	1.5	0.8	5.8	85	5.6	2	4	5	10	10	0	0	0	0	2	1	4	8	6	10	0	1	15	12	3	2	1	0	0	3	3	10	9	
	9	1009.1	-4.5	3.0	1.3	5.9	78	5.3	1	6	5	16	3	0	0	0	0	2	1	6	5	8	9	0	3	15	11	2	2	1	1	0	1	3	8	13	
	15	1008.9	-	5.6	2.3	6.0	67	5.5	0	4	8	16	3	0	0	0	0	0	2	1	9	10	0	5	18	8	0	5	1	1	2	0	4	7	11		
	21	1009.6	-	2.0	0.9	5.9	83	5.5	1	7	3	12	7	1	0	0	1	0	2	5	13	5	5	0	2	14	12	3	0	0	1	1	2	3	7	14	
Fraserburgh [Aberdeen]																																					
22	3	1008.5	-	3.3	0.9	6.5	84	5.6	2	5	3	7	14	0	0	0	0	0	0	6	14	11	0	2	9	12	8	0	6	1	2	0	5	4	6	7	
	9	1008.2	-4.9	3.8	1.3	6.4	79	5.5	0	3	11	7	10	0	0	0	0	0	0	2	17	11	1	2	8	12	9	0	6	0	2	1	2	2	11	7	
	15	1008.2	-	5.1	1.3	7.0	79	5.5	0	0	15	13	3	0	0	0	0	0	0	4	13	14	0	5	8	9	7	2	5	0	1	0	3	1	11	8	
	21	1008.7	-	3.8	1.1	6.6	82	5.2	0	5	11	7	8	0	0	0	1	1	1	4	13	11	0	3	8	8	11	1	5	0	1	0	6	1	8	9	
Usan [Angus]																																					
35	3	1010.0	-	2.6	1.2	5.9	78	4.2	3	9	7	4	8	0	0	0	0	0	0	2	2	6	21	0	0	18	13	0	6	1	1	0	1	2	12	8	
	9	1009.7	-	4.0	1.6	6.1	74	4.3	0	12	5	10	4	0	0	0	0	0	0	1	3	6	21	0	2	14	15	0	11	0	1	0	0	3	10	6	
	15	1009.4	-	6.2	2.3	6.3	68	5.3	0	4	8	17	2	0	0	0	0	0	1	1	1	4	24	0	5	12	14	0	12	0	6	0	4	1	6	2	
	21	1010.1	-	3.3	1.5	5.9	75	3.9	3	13	0	9	6	0	0	0	0	0	1	0	3	4	23	0	1	11	19	0	10	0	1	1	0	4	7	8	
Leuchars [Fife]																																					
12	3	1010.5	-	1.7	1.0	5.8	82	5.1	1	9	2	12	7	0	0	0	0	0	0	2	6	9	14	0	1	14	14	2	1	1	1	0	0	7	16	3	
	9	1010.4	-9.3	4.0	1.6	6.1	74	4.5	0	12	4	10	5	0	0	0	0	0	0	1	4	7	19	1	2	18	9	1	3	1	0	0	5	14	7		
	15	1009.9	-	6.6	2.6	6.1	69	6.3	0	2	4	21	4	0	0	0	0	0	1	1	3	12	14	1	6	17	7	0	4	1	3	0	2	3	9	9	
	21	1010.7	-	2.6	1.1	6.1	81	4.0	2	9	8	9	3	0	0	0	0	0	0	2	5	10	14	0	3	11	16	1	2	1	2	0	0	5	11	9	
Turnhouse [Midlothian]																																					
44	3	1011.3	-	1.4	0.6	6.1	87	4.5	1	10	6	7	7	0	0	0	0	0	1	8	11	8	3	0	1	9	16	5	1	2	0	0	0	11	12	0	
	9	1011.4	-2.6	3.6	1.3	6.3	79	5.4	0	7	5	14	5	0	0	0	0	0	2	7	12	5	0	2	16	11	2	3	1	0	0	0	0	11	14	0	
	15	1010.7	-	6.4	2.6	6.0	62	6.1	0	2	6	20	3	0	0	0	0	0	0	3	13	4	11	0	3	14	14	0	4	3	2	0	1	4	13	4	
	21	1011.3	-	2.7	1.1	6.																															

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS

MARCH,

1970

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Height of Barometer above M.S.L. in metres	Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktaa)					VISIBILITY (Metres and Kilometres)										WIND SPEED AND DIRECTION														
		At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	MEAN	0	1-2	3-5	6-7	8	9	0-39 m.	40-199 m.	200-399 m.	400-999 m.	1000-1999 m.	2000-3999 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
																									SPEED IN KNOTS												
																									8 or more	11-13	14-16	17-19	20								
																									Number of Observations												
6a. SCOTLAND, W. — contd.																																					
Abbotsinch [Renfrew]																																					
9	3	1011.7	-	2.1	0.7	6.3	86	4.3	4	10	1	8	8	0	0	0	0	0	3	3	10	6	9	0	1	10	14	6	1	2	0	0	0	10	10	2	
9	9	1012.0	-2.0	3.9	1.3	6.5	79	4.8	1	7	7	13	3	0	0	0	0	1	0	8	7	8	7	0	1	11	18	1	4	1	0	0	0	12	12	1	
15	9	1011.1	-	6.8	2.6	6.3	63	5.8	0	4	8	11	8	0	0	0	0	0	0	3	10	7	11	0	1	21	9	0	4	3	1	0	1	6	12	4	
21	9	1011.6	-	3.1	1.2	6.2	79	4.4	2	9	7	8	5	0	0	0	0	0	2	9	9	8	3	0	0	9	21	1	2	3	0	0	3	8	11	3	
Salsburgh [Lanark]																																					
9	9	-	-	1.7	0.6	6.3	89	4.7	1	8	8	5	9	0	0	0	4	1	5	11	9	1	0	0	2	15	13	1	3	2	2	0	0	6	15	2	
15	-	-	-	4.4	1.6	6.3	75	6.4	0	2	4	17	7	1	0	0	1	1	0	2	8	16	3	0	1	6	16	6	2	4	2	2	0	0	4	12	5
21	-	-	-	1.3	0.6	6.1	90	4.4	3	9	5	6	8	0	0	0	0	1	2	8	13	7	0	0	2	9	19	1	1	3	3	0	2	3	12	6	
Prestwick [Ayr]																																					
21	3	1012.1	-	2.2	0.6	6.5	88	4.7	6	4	4	10	7	0	0	0	0	0	3	6	8	13	1	0	0	10	18	3	7	2	5	1	0	3	7	3	
9	9	1012.5	-1.8	3.7	1.1	6.6	82	5.1	0	6	8	15	2	0	0	0	0	0	3	7	14	5	2	0	0	10	17	4	5	4	0	1	0	3	7	7	
15	9	1011.6	-	6.2	2.0	6.7	70	5.9	0	2	8	13	8	0	0	0	0	0	0	5	13	5	8	0	0	19	12	0	4	0	5	0	1	4	7	10	
21	9	1011.9	-	3.2	0.9	6.5	88	4.9	2	5	7	12	5	0	0	0	0	0	0	8	13	9	1	0	0	10	19	2	6	2	3	1	4	2	5	6	
Eskdalemuir [Dumfries]																																					
237	3	1011.9	-	0.1	0.6	5.5	86	4.1	6	8	4	3	10	0	0	0	1	1	2	6	11	9	1	0	0	10	12	9	3	2	0	0	0	5	6	6	
9	9	1011.7	-2.6	2.1	1.2	5.7	78	4.9	0	8	5	12	6	0	0	0	0	1	0	2	5	10	9	4	0	1	14	13	3	4	4	0	0	3	3	9	5
15	9	1010.9	-	4.9	2.0	6.0	68	6.1	0	2	6	15	8	0	0	0	1	0	0	4	8	14	4	0	6	13	11	1	3	1	0	3	4	8	8		
21	9	1011.7	-	0.9	0.9	5.5	82	3.7	8	7	4	6	6	0	0	0	0	2	0	5	12	10	2	0	2	8	14	7	2	3	0	1	4	1	7	6	
Mull of Galloway [Wigtown]																																					
79	3	1012.7	-	3.5	0.8	6.9	87	4.3	5	6	8	5	7	0	0	0	0	0	0	0	4	17	10	0	9	20	2	0	11	2	2	0	2	4	5	5	
9	9	1013.2	-	4.2	1.2	6.7	81	4.9	0	7	8	12	4	0	0	0	0	0	0	0	6	23	2	0	4	23	4	0	11	4	0	0	2	3	8	3	
15	9	1012.4	-	5.8	1.6	7.1	76	5.6	0	3	8	15	5	0	0	0	0	0	0	3	4	22	2	0	12	16	3	0	4	3	1	0	5	3	3	12	
21	9	1012.3	-	4.0	0.8	7.0	85	4.8	3	6	7	5	10	0	0	0	0	0	0	1	3	20	7	0	7	18	5	1	10	3	0	0	2	6	2	7	
6b. ISLE OF MAN																																					
Ronaldsway																																					
21	3	1013.0	-	4.1	1.0	6.9	82	5.0	0	7	8	9	7	0	0	0	0	0	0	4	9	10	8	0	4	14	13	0	7	4	1	1	0	4	8	6	
9	9	1013.6	-0.6	4.9	1.3	6.9	78	5.5	0	7	3	17	4	0	0	0	0	0	0	2	12	5	12	0	2	18	11	0	9	4	0	0	1	3	12	2	
15	9	1012.8	-	6.5	1.8	7.2	72	5.3	0	5	7	15	4	0	0	0	0	0	0	1	10	9	11	0	4	17	10	0	2	3	1	0	3	5	8	9	
21	9	1012.7	-	4.6	1.2	7.0	81	5.1	0	7	8	10	6	0	0	0	0	0	0	5	11	10	5	0	2	17	12	0	4	4	0	0	2	5	7	9	
Point of Ayre																																					
9	3	1013.2	-	4.1	0.7	7.3	88	5.4	0	7	8	4	12	0	0	0	0	0	0	1	6	18	6	0	5	17	9	0	7	5	1	1	1	4	7	5	
9	9	1013.6	-	4.7	0.9	7.3	84	5.4	0	7	5	14	5	0	0	0	0	0	0	1	4	11	15	0	2	21	8	0	6	4	0	0	1	3	8	9	
15	9	1012.9	-	6.7	1.7	7.5	76	5.9	0	3	8	13	7	0	0	0	0	0	0	1	3	19	8	0	4	15	11	1	2	3	0	0	0	3	12	10	
21	9	1012.8	-	4.2	0.7	7.3	88	4.9	0	9	7	8	7	0	0	0	0	0	1	1	4	14	11	0	2	15	13	1	4	3	1	0	2	7	5	8	
2. ENGLAND, N.E.																																					
Acklington [Northumberland]																																					
46	3	1010.7	-	1.7	0.8	6.0	86	4.3	7	5	3	9	7	0	0	0	1	0	0	1	5	8	13	3	0	1	10	20	0	6	0	1	1	1	3	13	6
9	9	1010.2	-4.1	4.0	1.4	6.3	77	4.9	0	9	4	16	2	0	0	0	0	0	0	7	5	8	11	0	4	15	12	0	3	4	0	0	0	0	17	7	
15	9	1010.0	-	6.1	2.4	6.2	65	5.5	0	5	7	14	5	0	0	0	0	0	1	3	9	8	3	1	6	11	12	1	9	3	4	0	0	2	10	2	
21	9	1010.7	-	2.4	1.0	6.1	82	4.5	2	10	4	9	6	0	0	0	1	0	0	1	6	11	9	0	3	10	17	1	2	2	4	0	1	2	11	10	
Tynemouth [Northumberland]																																					
40	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
9	9	1010.7	-3.8	3.6	1.3	6.3	78	5.0	1	6	8	10	6	0	0	0	0	0	2	2	8	12	7	0	1	6	15	9	0	4	2	1	0	0	0	20	4
15	9	1010.7	-	5.7	2.1	6.4	71	5.3	0	4	13	9	5	0	0	0	0	0	1	6	19	5	0	2	6	12	11	0	6	2	3	2	3	0	11	4	
21	9	1011.1	-	3.8	1.5	6.2	76	4.5	6	4	6	4	11	0	0	0	0	0	1	2	13	11	4	0	4	13	14	0	5	3	1	0	1	2	15	4	
Seahouses [Northumberland]																																					
12	3	1010.5	-	2.7	0.9	6.3	84	4.8	1	8	8	5	9	0	0	0	0	0	0	7	16	6	2	0	6	10	15	0	3	2	1	0	2	5	17	1	
9	9	1010.1	-	3.9	1.0	6.8	83	5.6	1	5	5	9	11	0	0	0	0	0	1	5	6	8	11	1	4	16	10	0	4	3	0	0	0	1	15	8	
15	9	1010.0	-	5.8	1.9	6.7	73	5.6	0	4	9	7	11	0	0	0	0	0	2	6	6	6	11	1	7	13	10	0	11	2	3	0	2	2	8	3	
21	9	1010.3	-	3.5	1.0	6.6	83	4.4	4	6	9	4	7	1	0	0	0	1	0	7	19	3	1	2	3	10	16	0	7	2	1	1	1	4	12	3	
Leeming [Yorks, N.Riding]																																					
33	3	1011.9	-	1.7	0.9	5.8	82	5.2	4	4	9	8	2	0	2	0	0	0	0	9	6	6	8	0	2	6	20	3	5	1	0	1	4	2	7	8	
9	9	1011.6	-3.3	3.8	1.5	6.2	75	4.9	1	9	2	14	5	0	0	1	0	1	0	7	4	6	11	0	3	11	16	1	4	2	0	2	2	9	9		
15	9	1011.2	-	6.4	2.5	6.3	66	5.5	1	3	8	14	5	0	0	0	0	1	2	4	6	12	0	3	14	13	1	7	4	2	0	3	2	9	3		
21	9	1011.6	-	3.0	1.2	6.1	79	4.2	5	8	4	6	7	1	0	1	0	0	0	5	11	5	9	0	2	5	21	3	7	1	1	2	1	0	10	6	
Whitby C.G. [Yorks, N.Riding]																																					
66	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
9	9	1010.1	-	3.3	1.1	6.3	81	5.7	0	1	13	8	8	1	0	0	0	1	0	3	25	2	0	0	7	13	11	0	2	2	1	0	3	8	9	6	
15	9	1010.1	-	5.5	1.8	6.6	73	5.8	1	3	7	12	8	0	0	0	0	0	0	4	23	4	0	2	8	7	13	1	2	2	1	1	0	5	10	9	
21	9	1010.3	-	3.5	1.1	6.5	80	4.2	5	6	7	5	7	1	0	0	0	0	0	1	4	25	1	0	2	5	10	12	2	0	3	1	0	4	5	7	9
Kilnsea [Yorks, E.Riding]																																					
16	3	1011.8	-	2.0	0.6	6.3	88	4.5	7																												

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS

MARCH, 1970

Height of Barometer above M.S.L. in metres	Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Metres and Kilometres)										WIND SPEED AND DIRECTION														
		At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	MEAN	0	1-2	3-5	6-7	8	9	0-39 m.	40-100 m.	200-300 m.	400-500 m.	1000-1000 m.	2000-3000 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
																									SPEED IN KNOTS												
																									8 or more	6-7	4-5	1-3	Calm								
Number of Observations																																					
3. ENGLAND, E. - contd.																																					
Honington [Suffolk]																																					
51	3	1012.5	-	1.1	0.5	6.0	89	4.6	10	2	0	9	8	2	0	1	0	2	4	3	11	9	1	0	0	0	8	21	2	4	1	2	0	1	8	10	3
	9	1012.3	-3.2	2.7	1.0	6.3	88	5.9	2	3	4	11	10	1	0	2	0	1	3	5	7	7	4	2	0	0	16	13	2	0	4	2	1	1	5	10	6
	15	1011.4	-	5.9	2.0	6.7	71	6.9	0	1	4	12	14	0	0	0	0	0	0	2	14	8	6	1	0	1	20	9	1	1	5	2	0	1	6	10	5
	21	1012.0	-	3.0	1.0	6.5	84	5.8	1	3	7	9	11	0	0	0	0	0	1	4	12	10	4	0	0	0	11	18	2	5	1	1	2	2	6	10	2
Wattisham [Suffolk]																																					
91	3	1012.5	-	0.9	0.5	6.0	90	4.3	8	4	3	9	7	0	0	0	0	3	0	5	11	7	5	0	0	0	13	17	1	4	2	1	0	1	8	6	8
	9	1012.5	-	2.4	0.8	6.4	87	5.7	1	6	4	9	10	1	0	0	0	2	3	7	5	7	5	2	0	1	17	11	2	0	4	1	2	1	7	6	8
	15	1011.6	-	5.4	1.6	6.9	76	6.7	0	1	4	14	12	0	0	0	0	0	0	4	13	7	5	2	0	3	19	8	1	3	4	2	0	2	5	10	4
	21	1012.2	-	2.5	0.6	6.6	88	5.7	2	3	5	10	11	0	0	0	0	0	0	6	16	7	2	0	0	0	13	16	2	3	3	1	2	4	4	8	4
Aldeburgh [Suffolk]																																					
9	9	1011.9	-	-	-	-	-	5.1	4	6	3	4	13	1	0	1	0	1	0	2	13	14	0	0	0	1	12	16	2	1	4	1	0	1	1	12	9
	15	1011.3	-	-	-	-	-	6.4	0	2	8	8	13	0	0	0	0	0	0	1	15	15	0	0	0	4	9	18	0	2	6	2	0	3	3	7	8
	21	1011.7	-	-	-	-	-	4.4	10	2	4	3	12	0	0	0	0	0	0	0	9	22	0	0	0	4	9	16	2	2	5	1	1	1	5	10	4
Wytton [Hunts]																																					
43	3	1012.8	-	1.3	0.6	6.1	89	4.0	11	2	2	9	7	0	0	0	0	0	3	7	8	7	6	0	0	0	7	22	2	1	3	1	0	2	7	8	7
	9	1012.6	-	2.5	0.9	6.3	84	5.9	2	4	3	8	12	2	0	2	0	2	1	6	8	5	6	1	0	0	15	14	2	1	3	3	0	1	9	4	8
	15	1011.8	-	6.2	2.0	6.8	71	6.7	0	1	2	16	12	0	0	0	0	0	1	3	11	10	6	0	0	0	20	10	1	4	5	0	0	1	7	9	4
	21	1012.4	-	3.0	0.8	6.6	85	5.2	5	2	6	8	10	0	0	0	0	1	5	9	11	4	0	0	0	0	9	20	2	5	4	0	0	0	10	6	4
Cardington [Bedford]																																					
29	3	1013.2	-	0.5	0.5	5.9	90	3.5	13	3	2	6	7	0	0	0	1	0	4	0	11	12	3	0	0	0	8	22	1	1	4	1	0	1	9	7	7
	9	1012.9	-2.7	2.2	0.7	6.5	88	6.0	1	5	3	8	12	2	0	1	2	0	4	5	9	6	4	0	0	0	12	17	2	1	4	1	1	0	9	6	7
	15	1012.2	-	6.3	1.9	7.0	73	6.7	0	0	4	18	8	1	0	0	0	1	0	2	9	13	6	0	0	1	16	13	1	4	4	2	0	1	3	11	5
	21	1012.8	-	2.7	0.7	6.7	88	5.4	2	3	7	11	8	0	0	0	0	0	0	3	16	11	1	0	0	0	10	20	1	2	6	1	0	2	6	9	4
Stansted [Essex]																																					
102	3	1013.0	-	0.8	0.6	5.9	89	4.1	11	2	3	4	11	0	0	0	1	1	0	5	10	9	5	0	0	0	7	21	3	4	1	2	0	1	9	5	6
	9	1012.8	-3.2	2.4	0.8	6.4	86	5.7	2	4	5	8	10	2	0	0	2	1	10	4	5	8	0	0	0	0	9	20	2	2	3	1	2	3	9	7	7
	15	1011.9	-	5.8	1.9	6.7	72	6.5	0	1	5	15	10	0	0	0	0	0	1	2	5	16	4	3	0	0	19	12	0	1	3	6	0	1	4	9	7
	21	1012.6	-	2.8	0.9	6.5	84	5.4	3	6	3	7	12	0	0	1	0	0	0	4	10	14	2	0	0	0	12	16	3	4	3	2	0	2	4	9	4
Shoeburyness [Essex]																																					
5	9	1012.6	-3.5	3.6	1.0	6.7	83	5.7	2	4	3	11	11	0	0	0	0	1	8	10	11	1	0	0	0	17	14	0	3	1	1	3	1	6	7	9	
	15	1011.7	-	6.1	1.7	7.1	75	6.8	0	1	3	14	13	0	0	0	1	0	5	12	4	8	1	0	1	24	6	0	1	3	6	1	2	3	8	7	
	21	1012.2	-	3.7	0.9	6.9	84	4.9	4	8	1	7	11	0	0	0	0	2	0	4	15	4	5	1	0	0	15	15	1	5	3	0	1	3	6	8	4
Walton-on-Naze [Essex]																																					
8	3	1012.6	-	2.5	0.6	6.7	90	3.9	9	5	5	2	10	0	0	0	0	1	1	19	10	0	0	0	0	1	7	20	3	3	3	0	2	0	1	10	9
	9	1012.6	-	3.7	0.9	6.8	84	5.3	4	2	7	6	12	0	0	0	0	1	3	19	8	0	0	0	0	15	15	1	2	2	3	0	2	2	9	10	
	15	1011.8	-	6.1	1.6	7.3	77	6.6	0	2	4	11	14	0	0	0	0	1	3	19	8	0	0	0	2	14	15	0	2	4	2	1	5	6	9	6	
	21	1012.2	-	3.7	0.8	7.1	88	5.2	4	5	5	3	14	0	0	0	0	1	1	17	12	0	0	0	0	9	18	4	3	6	0	1	1	3	7	6	
4. MIDLAND COUNTIES																																					
Huddersfield Oakes [Yorks, W.R.]																																					
235	3	1012.4	-0.6	0.7	5.6	86	5.0	4	1	10	6	10	0	0	0	1	4	0	6	8	8	4	0	0	2	9	16	4	2	1	0	0	0	14	10	10	
	9	1012.6	-2.3	2.2	0.9	6.2	85	5.7	2	3	6	8	11	1	0	1	0	3	2	2	10	5	8	0	2	0	10	18	1	3	5	0	0	0	4	15	3
	15	1012.3	-	4.5	1.5	6.5	77	6.5	0	0	7	15	9	0	0	2	1	1	0	6	9	12	0	0	3	10	17	1	4	2	1	1	1	2	12	7	
	21	1012.3	-	1.9	0.8	6.2	87	4.5	8	2	6	4	11	0	0	0	0	1	0	2	4	11	12	1	0	0	11	16	4	3	3	0	0	1	4	12	4
Watnall [Nottingham]																																					
119	3	1012.8	-	1.2	0.5	6.1	90	4.5	8	5	0	8	9	1	0	1	0	0	3	6	10	9	2	0	0	0	9	21	1	2	3	0	0	1	12	7	5
	9	1012.7	-2.7	2.8	0.8	6.5	86	5.7	1	5	3	13	8	1	0	1	1	1	5	7	10	6	0	0	0	14	16	1	0	6	1	0	0	8	10	5	
	15	1012.0	-	5.6	1.9	6.5	71	6.8	0	2	11	12	6	0	0	0	0	0	0	3	8	13	6	1	0	0	18	13	0	1	5	1	0	1	3	12	8
	21	1012.6	-	2.4	0.8	6.4	86	4.5	5	4	9	6	7	0	0	0	1	0	2	8	9	10	1	0	0	0	11	18	2	2	4	0	1	0	8	9	5
Finningley [Nottingham]																																					
14	3	1012.1	-	1.9	0.9	6.1	85	4.5	9	3	2	7	8	2	1	0	1	0	2	4	9	6	2	6	0	0	12	14	5	2	2	0	0	3	2	10	7
	9	1012.1	-3.0	3.7	1.3	6.5	80	5.9	4	2	3	8	12	2	0	2	0	1	2	7	9	8	2	0	0	1	17	9	4	3	4	0	0	0	4	7	9
	15	1011.4	-	6.5	2.2	6.6	68	5.9	0	2	9	16	4	0	0	0	0	0	0	9	15	7	0	0	3	17	10	1	5	2	4	0	2	2	6	9	
	21	1011.9	-	3.2	1.1	6.3	82	3.5	8	7	5	7	4	0	0	0	1	1	1	2	13	11	2	0	0	1	10	14	6	4	1	1	0	2	5	7	5
Wittering [Northampton]																																					
67	3	1012.6	-	1.2	0.7	5.9	86	4.1	10	3	3	8	7	0	0	0	0	1	2	5	11	7	5	0	0	0	13	17	1	1	3	0	0	1	7	11	7
	9	1012.5	-3.1	2.6	0.9	6.2	83	5.7	1	5	5	6	12	2	0	1	0	2	2	5	6	8	7	0	0	0	17	14	0	1	3	3	1	0	7	8	8
	15	1011.8	-	5.9	2.0	6.6	70	6.6	0	2	2	16	10	1	0	0	1	1	5	14	8	1	0	3	17	11	0	2	4	2	0	2	3	12	6		
	21	1012.4	-	2.8	0.9	6.4	84	5.2	4	3	5	10	9	0	0	0	0	0	3	2	9	13	4	0	0	0	13	18	0	3	4	2	0	0	6	10	6
Edgbaston [Warwick]																																					
165	9	1013.6	-2.0	2.5	0.8	6.4	87	6.4	0	4	2	14	1																								

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS

MARCH,

1970

Height of Barometer above M.S.L. in metres	Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Okta)					VISIBILITY (Metres and Kilometres)										WIND SPEED AND DIRECTION																
		At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	Mean	0	1-2	3-5	6-7	8	9	0-39 m.	40-190 m.	200-390 m.	400-590 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.		
																									SPEED IN KNOTS														
																									8 or more	6, 7	4, 5	1-3	Calm										
																									24 or more	22-33	11-21	1-10	0										
Number of Observations																																							
4. MIDLAND COUNTIES — contd.																																							
Little Rissington [Gloucester]																																							
229	3	1013.9	-	1.0	0.6	5.9	88	4.7	9	2	3	4	12	1	0	0	0	2	1	0	12	5	6	5	0	1	11	19	0	1	5	1	0	2	5	10	7	6	
	9	1013.5	-2.0	2.3	0.8	6.2	84	6.3	0	5	0	16	10	0	0	0	0	2	0	3	10	10	2	4	0	3	11	16	1	3	3	3	0	0	2	13	6	6	
	15	1012.8	-	5.0	1.7	6.5	75	6.6	0	2	4	12	13	0	0	0	0	1	2	1	3	9	8	7	0	1	21	9	0	2	3	2	1	1	3	10	9	9	
	21	1013.7	-	2.4	0.9	6.3	84	4.1	6	6	6	7	6	0	0	0	0	1	0	0	7	5	10	8	0	0	14	16	1	3	6	1	0	0	4	11	5	5	
5. ENGLAND, S.E.																																							
Heathrow [Greater London]																																							
26	3	1013.4	-	2.3	0.9	6.3	85	4.2	9	5	1	9	7	0	0	0	0	0	4	9	14	4	0	0	1	5	24	1	3	5	0	0	4	5	7	6	6		
	9	1013.1	-2.7	3.5	1.1	6.5	81	5.7	1	6	1	15	8	0	0	0	0	1	6	13	7	4	0	0	1	15	15	0	2	4	1	0	7	1	9	7	7		
	15	1012.2	-	7.3	2.5	6.8	66	6.5	0	1	5	19	6	0	0	0	0	0	0	9	13	9	0	0	0	20	11	0	4	3	0	2	2	4	8	8	8		
	21	1013.0	-	4.2	1.2	6.8	80	4.8	1	9	5	7	9	0	0	0	0	0	5	7	15	4	0	0	0	11	19	1	5	3	1	1	1	6	7	6	6		
Kew [Greater London]																																							
10	9	1013.3	-2.6	4.0	1.6	6.4	78	5.8	2	3	4	13	9	0	0	0	0	2	3	15	6	5	0	0	0	11	18	2	3	3	2	1	1	7	6	6	6		
	15	1012.4	-	7.1	3.0	6.3	62	6.9	0	0	3	17	11	0	0	0	0	0	0	14	5	10	2	0	0	14	15	2	3	3	3	0	1	5	8	6	6		
	21	1013.2	-	3.9	1.4	6.5	78	4.5	4	8	5	4	10	0	0	0	0	0	3	12	12	4	0	0	0	9	19	3	2	4	2	0	1	7	8	4	4		
Gatwick [Sussex]																																							
59	3	1013.7	-	1.6	0.6	6.2	88	4.6	10	1	3	4	13	0	0	0	1	1	4	14	10	1	0	0	0	5	23	3	3	3	3	0	2	8	2	7	7		
	9	1013.5	-	3.3	0.9	6.7	84	5.9	1	5	3	10	11	1	0	0	1	2	5	15	6	2	0	0	0	7	22	2	4	3	2	0	1	5	8	6	6		
	15	1012.4	-	6.9	2.2	7.0	69	6.5	0	1	4	18	7	1	0	0	1	0	0	9	14	6	1	0	0	15	16	0	2	5	1	1	0	7	7	8	8		
	21	1013.2	-	3.4	0.9	6.7	84	5.0	1	6	7	8	9	0	0	0	0	2	4	15	9	1	0	0	0	8	22	1	3	4	1	1	1	9	7	4	4		
Dungeness [Kent]																																							
7	3	1013.0	-	3.0	0.4	7.2	92	4.5	8	3	6	1	12	1	0	0	1	0	0	8	10	12	0	0	6	12	12	1	8	4	3	0	1	1	12	1	1		
	9	1013.2	-	3.8	0.5	7.4	90	5.1	3	4	8	5	10	1	0	0	1	0	0	12	7	11	0	1	5	9	15	1	6	3	3	1	2	2	11	2	2		
	15	1012.0	-	6.6	1.3	7.9	81	5.9	0	3	9	9	10	0	0	0	0	0	0	7	11	12	1	0	9	20	2	0	7	0	2	3	2	3	12	0	0		
	21	1012.6	-	4.3	0.6	7.7	90	4.3	12	0	5	1	12	1	0	1	0	0	0	6	9	15	0	1	5	9	16	0	6	3	4	0	3	2	12	1	1		
Deal [Kent]																																							
10	3	1013.0	-	2.8	0.7	6.7	87	4.8	9	2	2	6	12	0	0	0	0	0	8	18	5	0	0	1	10	20	0	3	3	0	1	1	1	12	10	10	10		
	9	1013.1	-	3.8	1.0	6.8	84	5.3	1	8	3	6	13	0	0	0	0	1	4	17	8	1	0	0	1	13	17	0	2	3	1	1	2	2	10	10	10		
	15	1012.1	-	6.5	1.8	7.2	74	6.5	0	2	4	13	12	0	0	1	0	0	3	13	10	4	0	1	2	17	11	0	2	4	2	1	1	4	9	8	8		
	21	1012.7	-	4.1	1.0	7.0	84	4.5	7	3	6	5	9	1	0	1	0	0	1	9	15	4	1	0	4	7	16	4	2	4	1	0	1	4	10	5	5		
Manston [Kent]																																							
15	3	1012.5	-	2.3	0.6	6.6	89	5.3	5	2	3	12	9	0	0	0	1	0	0	13	12	5	0	0	0	13	15	3	2	4	1	1	0	5	7	8	8		
	9	1012.6	-	3.5	1.0	6.8	84	5.7	2	3	4	13	8	1	0	0	0	1	2	11	9	4	0	1	16	13	1	3	2	3	0	2	4	10	6	6	6		
	15	1011.6	-	6.0	1.6	7.2	76	6.3	0	4	2	15	9	1	0	1	0	0	1	11	9	4	5	0	4	13	12	2	3	2	1	0	5	7	9	9	9		
	21	1012.2	-	3.4	0.8	6.9	86	5.1	3	7	4	4	13	0	0	0	0	3	2	10	10	6	0	0	0	18	11	2	4	4	1	2	1	4	10	3	3		
Thorney Island [Sussex]																																							
4	3	1014.2	-	2.8	0.6	6.8	88	4.2	8	6	2	4	11	0	0	0	0	1	3	10	11	5	1	0	0	8	23	0	4	6	1	0	0	5	7	8	8		
	9	1014.0	-2.0	4.2	1.0	7.1	84	5.6	1	5	5	12	8	0	0	0	0	0	2	11	12	4	2	0	1	14	16	0	2	5	1	1	1	7	6	8	8		
	15	1013.2	-	6.8	2.1	7.0	71	6.4	0	3	2	17	9	0	0	0	0	0	2	5	7	11	6	0	2	17	12	0	2	2	1	2	3	5	7	9	9		
	21	1013.8	-	4.4	1.0	7.2	84	5.6	3	3	5	11	9	0	0	1	1	0	1	11	14	3	0	0	0	11	19	1	4	3	3	1	0	4	11	4	4		
Eastbourne C.G. [Sussex]																																							
7	9	1013.2	-2.9	4.2	1.1	6.9	82	5.3	4	5	3	6	13	0	0	0	0	0	1	19	11	0	0	1	2	11	15	2	4	5	1	0	3	3	7	6	6		
	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	21	1012.8	-	4.6	1.0	7.3	83	5.4	7	0	6	3	15	0	0	0	0	0	1	16	14	0	0	1	5	9	12	4	5	4	3	0	1	3	8	3	3		
Abingdon [Berkshire]																																							
71	3	1013.7	-	1.1	0.6	6.0	87	4.3	10	1	4	10	6	0	0	0	0	2	2	11	12	4	0	0	0	7	24	0	3	5	1	1	2	5	5	9	9		
	9	1013.3	-2.4	3.4	1.1	6.6	83	6.1	1	2	5	16	7	0	0	0	0	1	6	15	4	4	1	0	0	8	23	0	2	3	3	0	0	8	9	6	6		
	15	1012.6	-	6.6	2.2	6.7	68	6.2	0	0	11	11	8	1	0	0	1	0	2	9	9	9	1	0	1	18	12	0	4	4	1	0	3	4	9	6	6		
	21	1013.4	-	3.2	1.0	6.5	83	4.7	4	5	7	9	6	0	0	0	0	1	1	11	13	3	2	0	0	8	21	2	2	5	2	0	0	6	8	6	6		
Hurn [Hampshire]																																							
14	3	1014.2	-	2.3	0.7	6.5	87	4.3	10	2	4	4	11	0	0	0	0	0	4	11	8	8	0	0	0	10	17	4	5	4	1	0	3	3	8	3	3		
	9	1014.1	-1.6	4.3	1.2	6.7	79	5.6	0	5	6	14	6	0	0	0	0	0	6	8	10	5	2	0	0	15	14	2	5	4	2	0	3	1	9	5	5		
	15	1013.2	-	7.2	2.3	7.0	68	6.4	0	0	8	15	8	0	0	0	0	0	2	7	10	10	2	0	1	17	13	0	8	2	2	1	1	5	6	6	6		
	21	1014.0	-	3.7	1.0	6.8	84	3.9	7	7	4	5	8	0	0	0	0	0	4	8	15	4	0	0	0	11	16	4	5	3	0	0	0	5	7	7	7		
S. Farnborough [Hampshire]																																							
70	3	1014.0	-	1.7	0.8	6.1	86	3.9	12	2	2	8	7	0	0	0	0	2	1	10	9	7	2	0	0	7	19	5	1	5	1	0	1	5	8	5	5		
	9	1013.6	-2.3	3.7	1.1	6.6	81	6.0	1	4	3	12	11	0	0	0	0	1	3	6	9	8	4	0	0	15	15	1	3	3	3	0	2	6	7	6	6		
	15	1012.7	-	7.0	2.3	6.8	67	6.1	0	3	3	20	5	0	0	0	0	1	0	4	8	10	8	0	1	19	11	0	5	2	1	2	1	4	10	6	6		
Lyneham [Wiltshire]																																							
149	3	1014.2	-	1.6	0.6	6.2	88	5.3	4	4	4	6	13	0	0	0	1	1	3	12	7	4	3	0	0	7	24	0	1	6	1	0	5	8	5	5	5		

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS

MARCH,

1970

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIFE HILLS																																							
Height of Barometer above M.S.L. in metres	Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Okta)					VISIBILITY (Metres and Kilometres)										WIND SPEED AND DIRECTION																
		At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	MEAN	0	1-2	3-5	6-7	8	9	0-39 m.	40-100 m.	200-390 m.	400-990 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.		
																									SPEED IN KNOTS														
																									34 or more	22-33	11-21	1-10	0										
Number of Observations																																							
7a ENGLAND, N.W.																																							
Ringway [Cheshire]																																							
84	3	1013.0	-	1.8	0.6	6.2	87	5.6	4	2	4	9	8	4	0	0	2	3	2	6	6	9	3	0	0	0	8	17	6	1	3	2	1	10	2	2	4		
	9	1013.2	-1.7	3.1	1.1	6.4	82	6.1	0	7	1	10	12	1	0	1	1	1	2	9	10	7	0	0	0	0	13	14	4	2	4	1	0	3	5	6	6		
	15	1012.4	-	5.8	2.2	6.3	68	5.9	0	4	5	16	6	0	0	0	0	0	5	10	11	5	0	0	1	19	10	1	3	2	1	0	4	3	11	6			
	21	1013.1	-	3.3	1.0	6.5	83	5.1	3	4	7	8	9	0	0	0	0	0	2	9	14	5	1	0	0	1	10	19	1	1	4	1	1	4	5	6	8		
7b NORTH WALES																																							
Valley [Anglesey]																																							
11	3	1013.6	-	4.5	0.8	7.4	86	5.5	2	4	6	7	12	0	0	0	0	0	1	4	10	16	0	0	5	19	5	2	7	3	2	0	1	5	4	7			
	9	1014.1	+0.1	5.0	1.0	7.4	84	6.3	0	1	6	19	5	0	0	0	0	0	0	1	6	12	12	0	1	3	22	4	1	7	5	2	1	0	4	7			
	15	1013.7	-	6.8	1.7	7.5	75	5.4	0	5	9	11	6	0	0	0	0	0	0	4	10	10	7	0	8	20	3	0	10	4	0	0	1	6	4	4			
	21	1013.5	-	4.8	0.9	7.4	85	5.2	1	5	8	10	7	0	0	0	0	0	1	3	12	14	1	0	5	18	6	2	6	4	1	0	1	7	5	5			
Bardsey Island [Caernarvon]																																							
19	3	1013.9	-	5.4	0.8	8.0	88	4.8	2	5	12	4	7	1	0	0	0	1	0	0	1	16	12	1	0	4	16	11	0	9	3	3	0	0	2	9	5		
	9	1014.2	-	5.3	0.7	8.0	89	6.5	0	2	3	19	7	0	0	0	0	0	0	1	16	8	6	0	5	15	10	1	8	3	3	0	0	4	6	6			
	15	1014.0	-	6.4	1.1	8.1	84	6.2	0	1	11	11	8	0	0	0	0	0	0	0	9	15	6	0	5	17	8	1	9	4	1	1	0	3	8	4			
	21	1013.8	-	5.7	0.8	8.1	87	5.2	4	2	9	6	10	0	0	0	0	0	0	0	17	13	1	0	3	14	13	1	6	7	2	0	0	5	5	5			
8a SOUTH WALES																																							
Aberporth [Cardigan]																																							
134	3	1014.3	-	3.9	0.8	7.1	86	5.8	0	7	4	6	14	0	0	0	0	1	0	1	8	13	5	2	0	7	17	6	1	4	3	2	0	0	4	9	8		
	9	1014.5	+0.2	4.3	0.9	7.1	85	6.5	1	2	1	16	11	0	0	0	0	1	3	7	8	12	0	0	12	14	5	0	5	3	2	1	1	2	7	10			
	15	1014.2	-	5.5	1.5	7.1	77	5.9	0	4	6	12	9	0	0	0	1	0	0	6	8	10	6	0	8	18	5	0	6	4	0	0	1	3	9	8			
	21	1014.3	-	4.4	1.2	6.9	81	5.1	1	7	7	8	8	0	0	0	0	0	0	7	13	7	4	0	7	19	4	1	5	4	1	1	1	4	7	7			
Milford Haven C.B. [Pembroke]																																							
39	3	1015.1	-	4.7	1.0	7.3	84	4.7	8	1	7	5	9	1	0	0	0	1	0	0	12	14	4	0	0	7	23	1	4	5	1	0	0	3	8	9			
	9	1015.0	+0.6	5.3	1.2	7.4	81	5.8	1	3	5	16	6	0	0	0	0	1	1	9	16	4	0	0	0	12	15	4	4	5	0	0	0	1	9	8			
	15	1015.0	-	7.4	2.1	7.3	70	6.0	0	0	14	10	7	0	0	0	0	0	0	7	22	2	0	0	0	16	15	0	3	5	0	1	0	5	4	13			
	21	1014.9	-	5.4	1.3	7.4	80	4.2	7	3	10	2	8	1	0	0	0	1	0	1	9	17	2	1	0	0	11	16	4	6	3	1	0	0	5	6	6		
Brynamman [Carmarthen]																																							
-	9	-	-	3.1	0.6	6.9	88	5.8	0	5	5	12	6	3	0	0	1	2	4	1	13	2	8	0	0	5	25	1	1	2	3	2	0	1	8	13			
	15	-	-	5.9	1.6	7.1	77	5.9	0	2	8	13	7	1	0	0	1	0	0	3	10	3	13	1	0	8	23	0	1	3	2	0	0	1	9	15			
	21	-	-	3.2	0.6	7.1	89	4.5	4	7	6	7	6	1	0	0	0	1	0	4	8	13	5	0	0	5	23	3	4	6	0	1	0	0	9	8			
Mumbles [Caernarvon]																																							
37	3	1014.2	-	3.9	0.9	7.0	85	4.6	3	6	8	4	8	2	0	0	3	0	0	0	5	10	11	2	0	2	10	15	4	3	4	2	0	0	2	12	4		
	9	1014.3	-	4.7	1.2	7.1	82	6.0	0	2	7	13	9	0	0	0	0	0	2	12	13	2	2	0	2	12	17	0	3	7	0	0	0	1	17	3			
	15	1013.9	-	6.3	1.8	7.1	74	5.7	0	2	9	14	6	0	0	0	2	0	1	8	9	9	2	0	5	13	13	0	7	2	1	1	1	4	11	4			
	21	1014.2	-	4.8	1.1	7.2	82	4.6	4	7	4	7	9	0	0	0	0	1	0	3	12	12	3	0	4	9	18	0	4	3	2	0	0	4	13	5			
Rhoose [Glamorgan]																																							
69	3	1014.3	-	2.8	0.7	6.8	88	4.7	6	5	4	2	13	1	0	0	0	0	6	6	10	8	1	0	1	13	16	1	0	5	1	0	1	2	15	6			
	9	1014.3	-1.2	4.3	1.0	7.1	84	5.6	0	5	5	14	7	0	0	0	0	4	4	14	5	4	0	0	15	15	1	0	6	0	1	0	1	14	8				
	15	1013.6	-	6.1	1.7	7.1	75	5.8	0	6	4	16	4	1	0	1	1	0	0	6	13	6	4	0	2	18	11	0	4	5	1	0	1	2	13	5			
	21	1014.4	-	3.5	0.8	6.9	86	4.5	5	6	5	8	6	1	0	0	0	2	0	1	6	13	8	1	0	0	12	18	1	1	5	0	1	0	2	13	8		
8b ENGLAND, S.W.																																							
Yeovilton [Somerset]																																							
23	3	1014.7	-	2.6	0.8	6.5	85	5.3	4	2	8	4	13	0	0	0	0	0	7	21	3	0	0	0	3	11	9	8	4	1	2	0	4	4	5	3			
	9	1014.6	-	4.5	1.3	6.8	79	6.0	0	3	8	12	8	0	0	0	0	2	2	15	11	1	0	0	3	12	11	5	3	3	1	1	2	3	8	5			
	15	1013.9	-	7.6	2.4	7.0	67	6.6	0	0	7	15	9	0	0	0	0	0	1	11	14	5	0	1	4	21	5	0	4	3	2	0	2	2	12	6			
	21	1014.5	-	4.4	1.2	6.8	80	5.3	0	7	7	5	12	0	0	0	0	0	2	18	11	0	0	0	1	11	17	2	2	3	2	0	0	6	9	7			
Portland Bill [Dorset]																																							
54	3	1014.1	-	4.3	0.6	7.5	88	4.6	6	4	4	8	8	1	1	0	0	0	0	11	11	8	0	1	5	17	8	0	9	3	3	0	0	2	9	5			
	9	1013.8	-	4.9	0.9	7.6	86	5.6	0	4	10	8	9	0	0	0	0	0	2	5	14	10	0	0	4	19	7	1	6	4	1	0	0	2	7	10			
	15	1013.2	-	6.4	1.2	8.0	82	6.2	0	2	7	11	11	0	0	1	0	0	1	7	10	10	2	1	7	16	7	0	1	3	1	3	1	10	11				
	21	1013.7	-	5.2	0.8	7.9	88	4.4	7	5	3	8	8	0	0	0	0	0	0	10	8	13	0	0	8	18	5	0	6	2	4	0	0	0	7	12			
Hartland Point [Devon]																																							
93	3	1014.3	-	4.7	0.8	7.6	87	4.8	2	7	6	10	4	2	0	2	0	0	0	3	16	9	1	0	10	14	6	1	6	5	2	0	0	2	10	5			
	9	1014.6	-	5.4	1.2	7.4	81	5.9	0	2	8	16	5	0	0	0	0	0	4	17	7	3	2	9	10	9	1	7	5	0	1	0	2	9	6				
	15	1014.0	-	5.7	1.1	7.7	82	5.8	0	2	9	17	1	2	0	1	0	1	0	4	13	10	2	1	7	13	9	1	4	7	0	0	0	10	9				
	21	1014.5	-	5.2	1.0	7.6	84	5.8	0	3	9	12	6	1	0	1	0	1	0	2	13	13	1	0	7	16	7	1	7	6	1	0	0	0	10	6			
Mount Batten [Devon]																																							
30	3	1015.4	-	4.4	0.7	7.5	88	5.0	3	7	3	10	8	0	0	0	0	1	0	10	19	1	0	0	0	16	10	5	5	4	2	0	1	0	12	2			
	9	1015.5	+0.4	5.0	1.0	7.4	83	5.6	1	2	8	14	6	0	0	0	0	1	2	11	9	8	0	0	1	15	11	4	10	3	1	0	1	5	6				
	15	1014.8	-	7.3	1.7	7.8	76	6.3	0	1	10	13	7	0	0	0	0	0	0	7	10	12	2	0	2	21	8	0	8	3	2	0	1	3	5	9			
	21	1015.3	-	5.2	0.9	7.7	86	5.0	1	8	5	10	7	0	0	0	0	0	0	12	19	0	0	0	0	14	16	1	7	3	3	1	0	1	11	4			

TABLE II—ADDITIONS

DISTRICT COUNTY AND PLACE			HEIGHT OF VANE IN METRES			DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED										Mean Hourly Wind Speed in knots	HIGHEST VELOCITIES					
			Above Mean Sea Level	Above ground	Effective Height	34 Knots or more (Gale force)			22 to 33 knots		11 to 21 knots	4 to 10 knots	Less than 4 knots	No Record	HIGHEST HOURLY WIND			HIGHEST GUST				
						Dates of Occurrence	Duration (hr)	No. of days	Duration in Hours				Veer from N	Speed in knots	Hour ended at day hour		Veer from N	Speed in knots	Day and Time			
0	Inverness	Dalcross	19	10	10	-	0	9	46	379	254	65	0	11.6	260	29	20 10	260	46	20 0925		
2	Yorks. N. R.	Silpho Moor	207	15	9	§																
4	Notts	Watnall	130	13	10	-	0	0	0	278	392	74	0	8.9	050	21	24 11	270	36	18 1105		
7b	Merioneth	Trawsfynydd	194	10	10	-																
9	Londonderry	Coleraine Univ.	23	10	10	-	0	11	41	444	187	72	0	12.8	010	30	31 13	320	46	18 1150		
								</														

§ Incomplete record

TABLE III—ADDITIONS AND CORRECTIONS

YEAR	MONTH	STATION	Max. Terminal hr. GMT Min. of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days												BRIGHT SUNSHINE				
					MEANS OF		Daily Mean (mean of A & B)	Difference from 1931—50 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1916—50 average	MOST IN A DAY		Precip'n		Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost†	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931—50 average	Exposure		
					Max. (A)	Min. (B)			Maximum	Date	Minimum	Date					Amount (mm)	Date	0.2 mm or more	1.0 mm or more															
1941	July	Exmouth			69.1	54.7	61.9																												
	Annual				55.0	48.8	49.4																												
1942	Annual	Rothamsted			54.2																														
1945	Annual	Nelson																																	
1959	April	Thorney Island			57.3		50.7																												
1961	January					2.8	5.1																												
	June				19.9																														
	Annual				14.8																														
1963	June				18.9																														
1967	March	Buxton																			2														
	Annual																			11															
	July	Wisley													72	107																			
	Annual														772																				
1968	January	Kielder Castle																																	
	Annual																				12														
	January	Helmshore																			46														
		Throwley																																	S
		Cheldon Barton																																	S
	February	Helmshore																																	
		Cheldon Barton																																	
		Parkmore Forest																																	
	April	Cromer			-	-	-	-	-	-	-	-	(2.0)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		Kilkeel																																	
		C. Archdale Forest																																	
	June	Gartly				7.6	12.3																												
	September	Caistor			-	-	-	-	-	-	-	-	-	-	32	-	19	14	7	4	-	-	-	-	-	-	-	-	-	-	-	-	-		
	October	Wrexham			16.3	9.7	13.0																												
		Botwnnog				9.7	13.1				5.6	5																							
		Aber			17.2	10.8	14.0	+2.7	22.8	17	6.7	1	-	-	30	25	6	13	16	9	0	0	1	0	1	0	0	0	-	0	3.69	132	-		
		Swyddffynnon				9.4	12.8																												
		Williton				9.3	12.9				1.7	30																							
		Penzance				11.1	14.1	+1.7																											
		Portadown																																	
		Watnall																																	
		C. Archdale Forest																																	
	November	Fort Augustus			5.7	-0.1	2.8	-2.8	12.8	2	-6.1	17	-	-	125	-	25	2	28	18	3	5	0	0	0	0	19	-	-	0	1.12	-	S		
		Aber			9.2	4.2	6.7	-1.8	16.1	2	-0.6	30	-	-	189	171	32	11	25	20	1	0	7	0	0	0	2	14	-	0	1.08	86	S		
		Milford Haven C. B.			10.0		7.9																												
		C. Archdale Forest																																	
		Guernsey L'ancrese			12.2	7.3	9.7	-	17.2	2.3	2.8	1,6,25	-	-	146	-	33	6	22	19	1	-	0	1	1	-	0	-	-	0	1.94	-	-		
	December	Glenmore Lodge			4.2	-1.9	1.1	-1.1	8.9	21	-8.4	12	-	-	47	56	7	13	14	13	-	8	-	-	-	0	22	29	26	-	0.21	-	S		
		Aberfoyle													129	-	(32)	13	18	15															
		St. Andrews													50	82	14	21	12	12															
		Aros													150	-	29	13	22	22															
		Heathrow			5.7	1.9	3.8	-1.1	11.9	3	-3.5	6	-	-	46	85	8	21	19	11	10	2	0	6	0	1	9	18	15	0	0.60	-	-		
		Swanage			8.0	2.1	5.1																												
		Slapton				2.5	5.5																												
		Ampleforth													59	90																			
		York (Heslington)																																	
		Tavistock				(0.4)	(3.9)	(-2.0)			-6.1	31																							
		Fowey																																	
		Earls Colne													68	114																			

Monthly Weather Report

OF THE METEOROLOGICAL OFFICE

Summary of observations compiled from returns of official stations and voluntary observers.



Volume 87 Number 4.

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April 1970 — Cold, wintry at first changeable later

During the first 10 days of the month and again on the last 5 days, pressure was relatively high to the west of the British Isles and low to the east giving a mainly northerly airflow. At other times low pressure and high pressure centred respectively to the north and south of the country resulted in a generally westerly airstream.

Weather — April began cold and wintry showers or periods of snow occurred in most areas at times during the first 10 days. There followed a milder, changeable spell with heavy rain at times. After prolonged rain on the 12th/13th swollen rivers in northern England and the Midlands caused local flooding, especially in Yorkshire and Derbyshire. Colder weather returned on the 26th with more wintry showers in the north.

Wind — The frequency of gales was about average but was rather below average in north Scotland. Gales were seldom widespread but they occurred locally on 16 days in England and on 8 days in Scotland and Wales. In Northern Ireland gales occurred on 4 days but they were reported locally on 7 days in the north-east of the region. A windy period occurred in all areas from the 21st to 26th but gust speeds were not exceptionally high. Gusts reached 55 kt along the Channel coast on the 21st and a gust of 67 kt was recorded at Kirkwall (Orkney) on the 23rd.

Temperature — Monthly mean temperature in most districts was 1 - 2 degC below average but the deficit reached 2-3 degC in some northern areas.

Colder than average weather during the first fortnight was followed by a milder interlude but, on the 26th, cold weather returned and persisted until almost the end of the month. Night frost was widespread during the first two weeks, more especially in the north and east, and it recurred in places on the last few days. Although frost was mainly slight some places had a moderate frost from the 9th to 13th. Among the lowest temperatures recorded during the month were the following: -11.1°C at Malham Tarn (Yorkshire) and -7.2°C at Alwen (Denbighshire) on the 2nd; -8.9°C at Braemar (Aberdeenshire) on the 12th; -5.8°C at Loughermore Forest (Co. Londonderry) on the 13th.

During the third week and at the beginning of the fourth week, temperatures fluctuated above and below average. Maxima during the month included: 18.3°C at a number of places along the Humber/Ouse and at Hawarden Bridge (Flintshire) on the 17th; 17.2°C at a few places in north-east Scotland on the 22nd; 16.7°C at Murlough (Co. Down) and Lurgan (Co. Armagh) on the 22nd and 30th respectively.

Rainfall — Rainfall (including melted snow) was above average in most areas. Over much of Lancashire more than twice the average rainfall occurred (including nearly three times the average at Preston) and a number of places in the county had their wettest April on record. Some of these records began during the last century, notably at Stonyhurst where there has been no greater rainfall total in April since records commenced in 1848. Twice the average rainfall was exceeded also in North Wales (by a substantial amount in the mountains) and in a few places in the Isle of Man, the north Midlands and Lincolnshire but, at the other extreme, barely 50 per cent of average occurred in south Devon and parts of Angus, Fife and Perthshire.

There were a number of widespread heavy rainstorms during the period 12th to 25th. On the 12th/13th rainfall was prolonged in the north Midlands where 'daily' falls exceeded 50 mm in many places including over 86 mm at Coldgreave (Lancashire). On the 15th numerous places in Wales had more than 50 mm of rain and 75 mm fell at Ceinws (Montgomeryshire). Heavy rain occurred again in central Wales overnight on the 20th/21st when 58 mm fell at Pant Mawr (Montgomeryshire) in the 24 hours ending 0900 GMT on the 21st. This rainfall heralded a very wet spell in general but especially in the north and west. Rain fell almost continuously in north-west England from

the evening of the 21st to the morning of the 23rd. It was often moderate and occasionally heavy on the highest ground where aggregates over the two days 21st and 22nd exceeded 100 mm in places. Among the heaviest 'daily' falls during this period was nearly 108 mm at Grasmere (Westmorland) on the 22nd.

Occurrences of thunder were mostly isolated except in Scotland on the 20th and in the Midlands and eastern England on the 25th. Thunderstorms occurred on about the average number of days for April and were reported locally on 15 days in England, 8 days in Scotland, 4 days in Wales and 1 day in Northern Ireland.

Snow — Snow occurred in England and Wales on about 5 times the average number of days for April while farther north snow fell on about twice the average number of days but was more frequent in the mountains. This high frequency was due mainly to a period of 10 wintry days at the beginning of the month when snow or sleet occurred almost daily. Wintry showers returned to the north around the 26th. However, despite the high frequency of wintry precipitation, amounts of snow were mostly small and showers mainly scattered although they were more frequent at altitudes above about 250m. On the 1st drifting snow blocked some roads in Scotland and northern England and isolated villages in North Wales. Snow, accompanied by strong winds, occurred on the 12th and 13th on high ground in northern England and the Midlands and resulted in deep drifts which blocked roads across the North Pennine Moors.

Sunshine — It was generally a dull month in England and Wales especially in the east and south but a few places in the west and north recorded near average amounts of sunshine. In Scotland, the north and parts of the east were slightly sunnier than average but elsewhere in Scotland, and also in most of Northern Ireland, sunshine was near or below average.

Fog — Morning fog, freezing in places, occurred at times from the 8th to 14th. Fog was extensive on hills and coasts in the south and west from the 15th to 17th and on the 22nd.

Miscellaneous Phenomena — The aurora was seen by observers in Scotland on 5 nights.

TABLE I—DISTRICT VALUES, April 1970

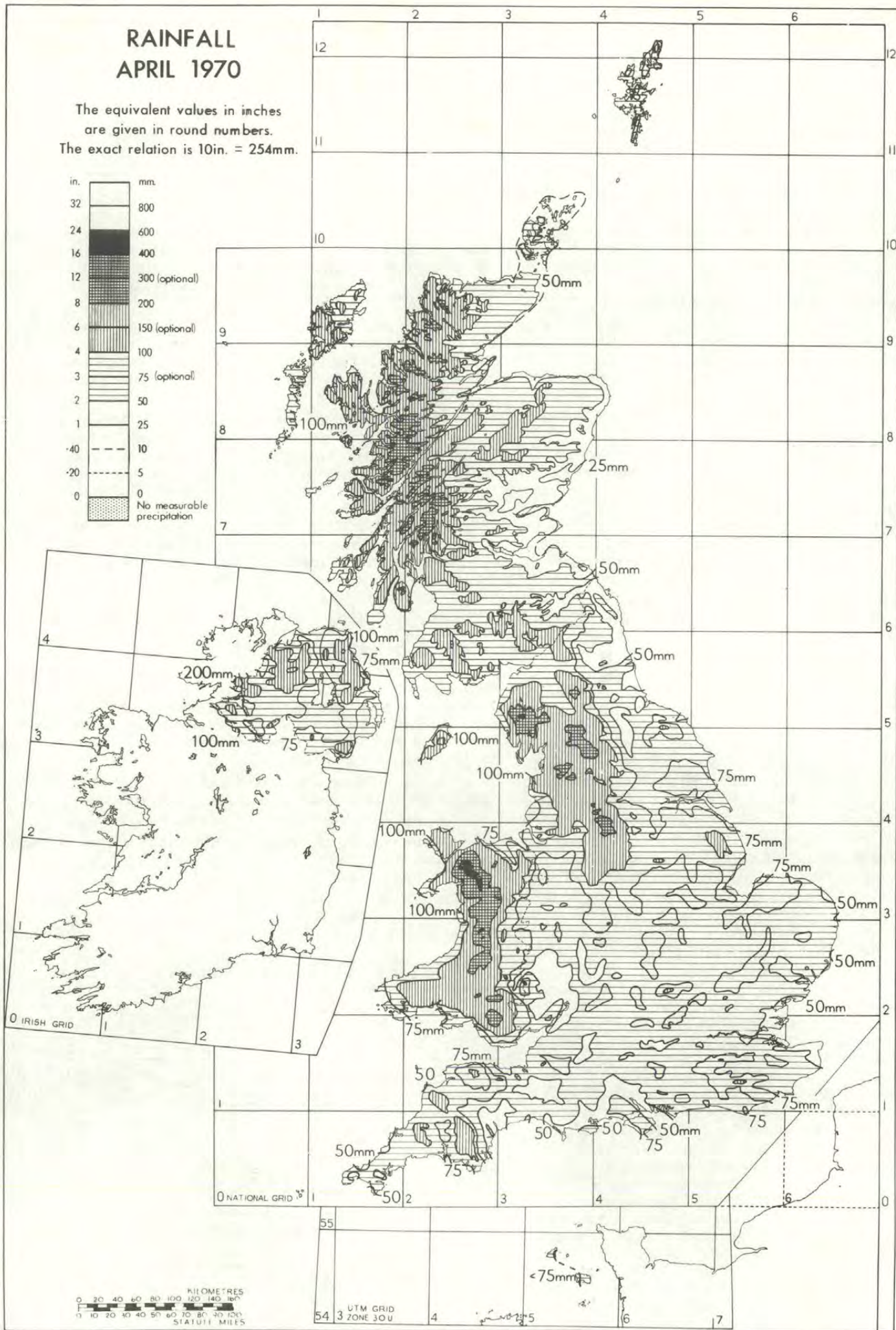
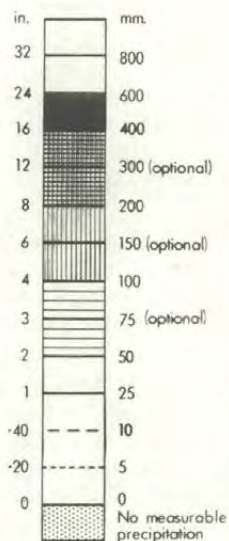
DISTRICTS	AIR TEMPERATURE °C					EARTH TEMP. °C		RAIN DAYS	RAIN-FALL	SUNSHINE
	*Highest Max.	*Lowest Min.	Max.	Min.	Mean	Mean 30 cm.	Mean 122 cm			
Difference from Average							% of Average			
0 SCOTLAND, N.	14.2	-2.2	-1.3	-1.9	-1.5	-1.3	-1.2	+4	113	116
1 SCOTLAND, E.	16.1	-3.3	-1.7	-1.3	-1.5	-1.5	-1.0	+5	96	105
2 ENGLAND, N.E.	18.3	-4.4	-2.1	-1.3	-1.7	-1.1	-0.8	+6	151	100
3 ENGLAND, E.	16.4	-3.9	-2.4	-1.2	-1.8	-1.5	-1.2	+8	135	78
4 MIDLANDS	17.2	-2.8	-2.2	-1.0	-1.6	-1.2	-1.0	+6	136	86
5 ENGLAND, S.E.	16.5	-5.2	-2.6	-1.2	-1.8	-1.5	-1.1	+7	122	74
6 SCOTLAND, W.	15.1	-5.6	-1.8	-1.6	-1.7	-1.3	-0.9	+3	119	99
7 ENGLAND, N.W. and N.Wales	16.2	-3.3	-2.3	-1.1	-1.7	-1.5	-1.1	+6	185	94
8 ENGLAND, S.W. and S.Wales	16.7	-4.4	-2.0	-1.1	-1.6	-1.5	-1.0	+5	110	81
N.IRELAND	16.5	-4.4	-1.6	-0.9	-1.3	-	-	+7	127	94
SCOTLAND	16.1	-5.6	-1.6	-1.6	-1.6	-	-	+4	107	107
ENG. and WALES	18.3	-5.2	-2.3	-1.1	-1.7	-	-	+6	142	85

*Highest Max. and Lowest Min. of the District Value Stations.

543A

RAINFALL APRIL 1970

The equivalent values in inches
are given in round numbers.
The exact relation is 10in. = 254mm.



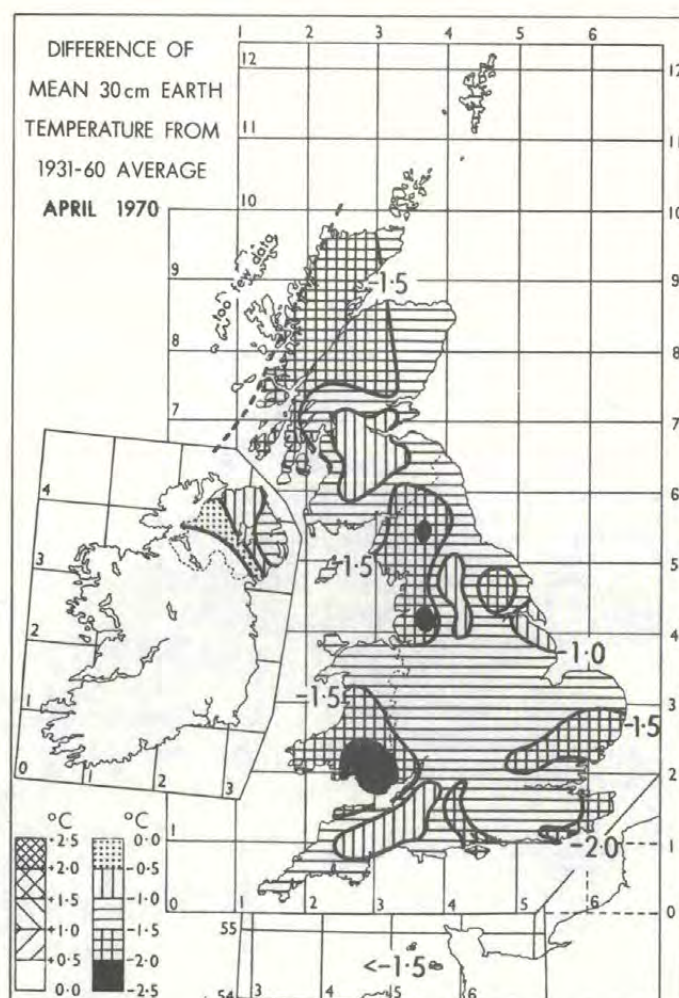
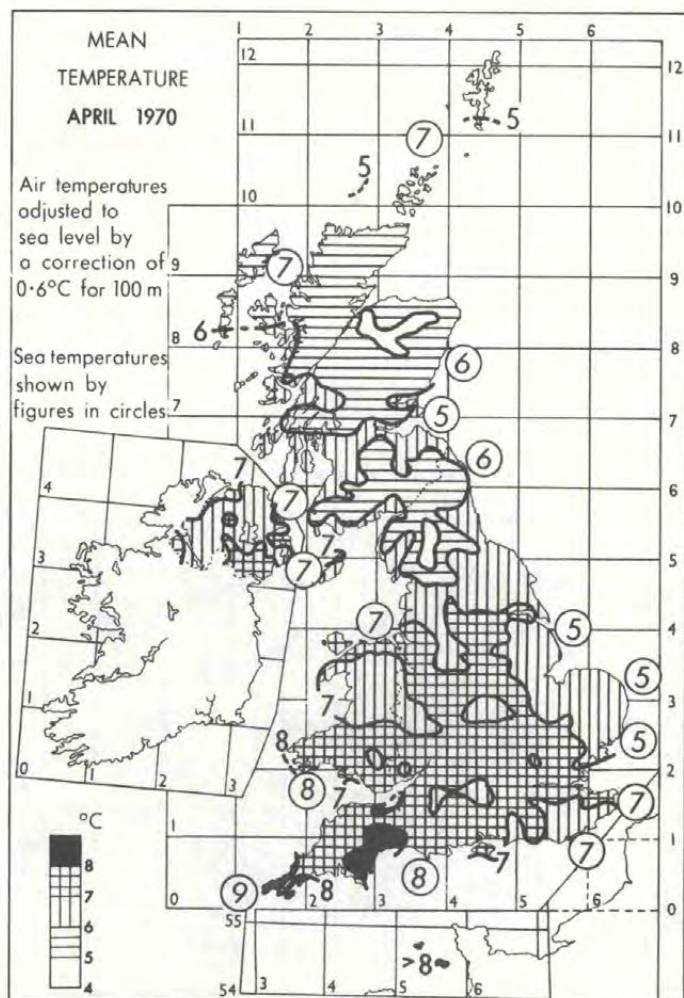
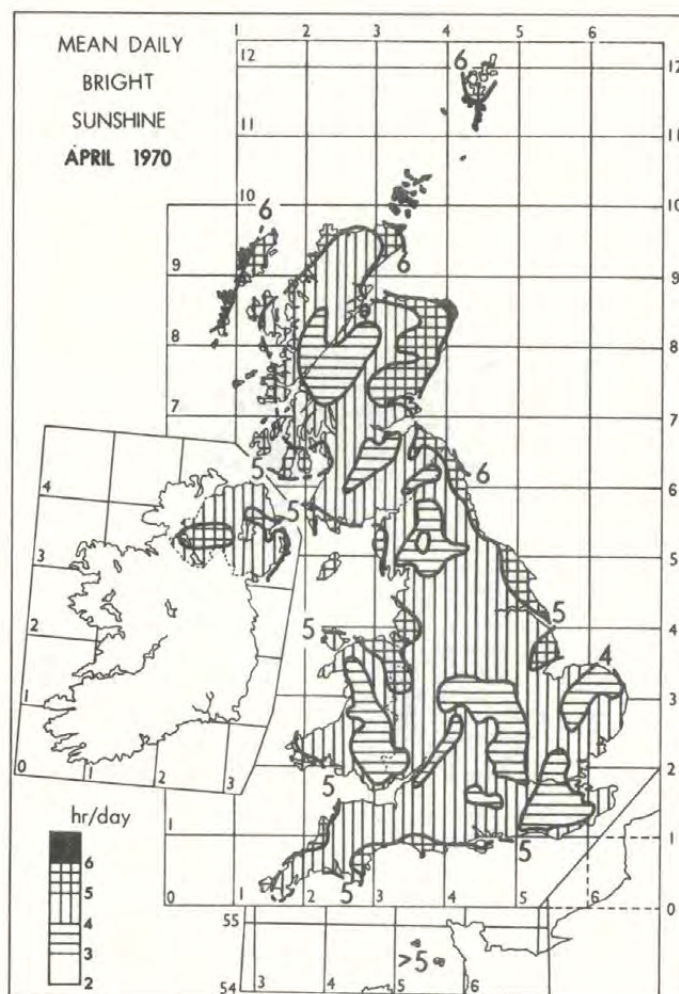
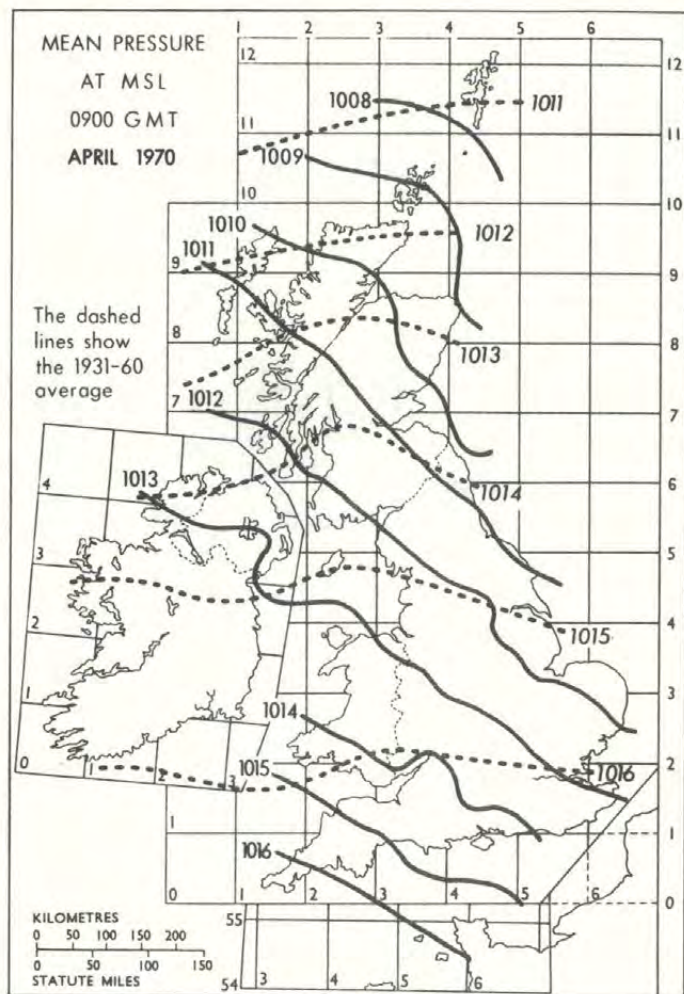


TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND—

APRIL, 1970

DISTRICT COUNTY AND PLACE	HEIGHT OF VANE IN METRES			DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED										Mean Hourly Wind Speed in knots	HIGHEST VELOCITIES						
	Above Mean Sea Level	Above ground	Effective Height	34 Knots or more (Gale force)		22 to 33 knots		11 to 21 knots	4 to 10 knots	Less than 4 knots	No Record	HIGHEST HOURLY WIND			HIGHEST GUST						
				Dates of Occurrence	Duration (hr)	No. of days	Duration in Hours	Veer from N	Speed in knots	Hour ended at day hour	Veer from N	Speed in knots	Day and Time								
0 SCOTLAND N.																					
Zetland	Lerwick	93	10	10	23, 24, 28	13	12	71	351	238	47	0	13.1	250	42	24	01	250	64	24	0055
Orkney	Kirkwall	41	15	10	23, 24, 28	24	15	114	396	151	35	0	15.2	270	42	23	23	270	67	23	2300
Caithness	Dounreay	34	12	9	28	4	10	71	365	175	33	72	13.7	300	38	28	19	330	58	28	2320
	Wick	45	10	10	28	1	9	72	371	221	55	0	12.9	310	34	28	19	270	56	24	0645
Sutherland	Shin	24	10	10	-																
Ross & Cromarty	Stornoway (C'Gd)	37	12	11	-	0	9	62	336	256	66	0	12.0	280	31	23	14	280	54	23	1300
Inverness	Benbecula	16	10	10	-	0	5	33	353	287	47	0	11.2	280	30	23	14	280	47	23	1345
	Corpach	23	15	12	-																
	Fort Augustus N.S.H.E.B.	58	16	16	-	0	0	0	156	327	237	0	6.5	210	21	22	11	230	39	23	1115
	Cairngorm	1075	10	10	-																
1 SCOTLAND E.																					
Moray	Kinloss	18	13	13	-	0	11	63	358	225	74	0	12.0	250	31	23	14	250	44	23	1450
	Lossiemouth	31	24	18	-	0	11	65	329	231	95	0	11.8	260	33	23	16	290	50	23	1455
Aberdeen	Dyce	72	10	10	-	0	6	18	327	285	90	0	10.6	320	26	29	02	320	46	29	0130
	Fraserburgh	29	13	11	28, 29	3	11	83	362	258	13	1	13.8	-	36	28	24	-	50	28	2350
Angus	Bell Rock	39	40	38	1	2	15	94	444	127	53	0	14.5	010	34	1	01	010	47	1	0630
Perth	Rannoch	307	17	17	-	0	5	25	305	299	91	0	10.2	270	30	23	17	270	43	23	1230
	Tummel Bridge	161	16	16	-	0	1	1	180	324	211	4	6.7	290	22	23	16	290	53	23	1520
Fife	Leuchars	25	13	13	-	0	7	40	334	279	67	0	11.6	280	32	23	12	280	47	23	1620
Midlothian	Turnhouse	43	13	10	-	0	6	21	283	342	74	0	9.9	270	26	23	13	280	43	23	1510
6a SCOTLAND, W.																					
Argyll	Tiree	27	18	14	1	1	15	184	374	131	30	0	16.0	360	34	1	01	290	53	23	1645
	Machrihanish	24	13	13	-	0	7	19	475	177	49	0	12.8	160	27	14	14	160	39	14	1325
Dunbarton	Cumbernauld	166	10	10	-	0	7	33	286	288	112	1	10.2	260	27	23	12	260	44	23	1650
Renfrew	Paisley	57	25	9	-	0	0	0	247	363	110	0	8.3	260	20	23	14	300	47	23	1430
	Abbotsinch	16	10	10	-	0	1	8	280	360	72	0	9.6	250	26	23	14	260	49	23	1425
Ayr	Ardrossan	24	20	10	-	0	10	47	430	169	21	53	13.5	280	29	23	08	290	50	23	1415
	Hunterston	13	10	10	-																
	Prestwick	21	10	10	-	0	2	5	299	317	99	0	9.6	070	25	5	22	290	44	23	1335
Dumfries	Eskdalemuir	259	10	10	-	0	6	36	331	255	98	0	11.1	270	31	23	12	260	51	23	1150
Wigtown	West Freugh	25	10	10	-	0	0	0	386	293	41	0	10.7	340	21	1	17	310	32	2	1305
6b ISLE OF MAN																					
	Ronaldsway	25	10	10	-	0	7	37	368	262	53	0	11.6	030	32	6	01	030	47	6	0035
	Point of Ayre	20	10	10	-	0	11	71	487	140	22	0	14.5	050	31	5	24	050	51	5	2330
2 ENGLAND, N.E.																					
Durham	Durham	119	16	10	-	0	2	7	266	330	116	1	9.5	210	26	22	13	200	46	15	1540
	South Shields	22	17	13	-	0	9	39	312	294	75	0	10.9	340	30	1	06	340	46	1	0445
Yorks N.R.	Leeming	42	10	10	-	0	6	25	329	217	149	0	10.3	350	26	1	08	260	40	21	2235
	Middlesbrough	23	19	19	-	0	11	58	398	214	50	0	13.0	340	33	1	07	340	50	1	0650
Lincoln	Waddington	80	10	10	-	0	5	12	348	323	37	0	10.8	220	24	22	17	240	39	23	1150
	Cranwell	77	13	13	-	0	3	25	258	331	101	5	9.7	230	26	22	16	230	38	22	1540
	Coningsby	16	10	10	-	0	6	31	344	307	38	0	11.5	240	27	22	16	240	39	22	1555
	Binbrook	118	10	10	-	0	6	53	407	207	53	0	12.5	230	30	22	18	220	43	22	1905
	Manby	26	10	10	-	0	3	10	358	281	71	0	10.6	340	25	1	12	330	35	1	1205
3 ENGLAND, E.																					
Norfolk	Marham	29	10	10	-	0	4	25	318	291	86	0	10.4	350	25	1	15	350	39	1	1330
	West Raynham	93	17	14	-																
	Coltishall	27	10	10	-	0	2	7	325	312	76	0	9.8	330	23	29	12	340	38	29	1145
Suffolk	Iltonington				-	0	3	6	323	321	70	0	10.3	330	26	29	10	240	38	23	1325
	Wattisham	104	16	10	-	0	4	28	385	243	64	0	11.4	240	26	23	16	240	42	23	0945
Bedford	Bedford	94	13	9	-	0	5	8	383	290	39	0	11.1	010	24	6	07	010	35	6	0655
	Cardington	69	41	41	-	0	7	34	308	360	18	0	11.1	250	30	23	14	250	43	23	1330
Hertford	Garston	94	15	10	-	0	0	0	167	425	128	0	7.5	230	19	22	24	230	36	22	1750
	Rothamsted	141	13	10	-	0	0	0	145	452	123	0	7.5	240	19	22	15	240	37	22	1435
Essex	Stansted	108	10	10	-	0	0	0	291	319	110	0	9.1	320	20	29	14	330	32	29	1105
	Shoeburyness	36	32	28	-	0	9	59	448	188	19	6	13.7	220	31	22	16	220	44	22	1550
4 MIDLAND COUNTIES																					
Yorks W.R.	Sheffield	162	25	11	-	0	6	21	349	241	94	15	10.8	350	25	29	09	350	41	29	0805
	Church Fenton	18	10	10	-	0	5	8	372	259	81	0	10.5	220	23	22	18	220	40	22	1730
Notts	Finningley	19	10	10	-	0	6	16	388	284	32	0	11.7	250	25	23	12	240	39	23	0340
Rutland	Cottesmore	143	13	13	-	0	3	17	375	280	48	0	11.2	230	25	23	13	240	42	23	1355
N'hampton	Wittering				-	0	4	6	328	332	54	0	10.1	240	24	22	02	240	42	22	0210
Warwick	Edgbaston	196	36	22	-	0	6	19	295	307	99	0	9.7	220	25	22	19	220	45	22	1830
	Elmdon	105	10	10	-	0	3	4	341	298	77	0	250	23	23	15	240	38	23	1400	
Oxford	Brize Norton	91	13	10	-	0	0	0	205	369	146	0	7.9	310	19	3	17	240	41	23	0455
Stafford	Keele	215	15	10	-	0	9	45	370	205	100	0	11.6	240	29	22	13	250	42	22	1415
Worcester	Pershore	47	10	10	-	0	13	77	340	180	122	1	11.6	030	27	6	07	030	40	6	0645
Gloucester	Avonmouth	28	19	10	-	0	1	3	324	284	109	0	9.5	250	23	23	14	240	36	23	1045
	Fairford	88	10	10	-																
5 ENGLAND, S.E.																					
Greater London	London/W.Centre	93	70	38	-	0	1	2	339	328	51	0	10.2	210	24	22	16	210	42	22	1505
	Heathrow	34	10	10	-	0	3	14	319	331	56	0	9.9	220	25	22	15	220	37	22	2210
	Hampton	42	31	30	-	0	2	19	285	324	92	0	9.5	220	29	22	22	220	44	22	1525
	Kew	28	23	15	-	0	1	1	274	356	89	0	8.8	220	22	22	15	250	45	25	1350
Surrey	Gatwick	69	10	10	-	0	3	16	218	35											

TABLE II (continued)—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— APRIL, 1970

DISTRICT COUNTY AND PLACE	HEIGHT OF VANE IN METRES			DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED										Mean Hourly Wind Speed in knots	HIGHEST VELOCITIES					
	Above Mean Sea Level	Above ground	Effective Height	34 Knots or more (Gale force)		23 to 33 knots		11 to 21 knots	4 to 10 knots	Less than 4 knots	No Record	HIGHEST HOURLY WIND			HIGHEST GUST					
				Dates of Occurrence	Duration (hr)	No. of days	Duration in Hours				Veer from N	Speed in knots	Hour ended at day hour		Veer from N	Speed in knots	Day and Time			
7a ENGLAND, N.W.																				
Cumberland Sellafield ...	25	12	11	-	0	1	2	238	393	87	0	8.8	020	26	6	02	020	38	6	0115
Carlisle ...	41	13	9	-	0	2	4	299	318	99	0	9.7	260	23	23	10	230	37	23	0305
Spadeadam ...	292	16	15	-	0	3	36	269	355	60	0	10.7	230	27	23	04	230	43	23	0930
Westmorland Great Dun Fell ...	857	10	10	1,5,6,12, 13,16-18,22,23,25,28	81	26	245	296	83	15	0	20.7	270	43	23	14	270	57	23	1400
Moor House ...	597	15	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lancashire Squires Gate ...	26	16	11	-	0	7	23	363	300	34	0	11.2	100	24	12	15	090	37	12	1750
Aigburth ...	38	23	11	-	0	3	20	328	309	63	0	10.4	220	26	22	13	230	40	22	1800
Southport ...	19	14	11	-	0	11	26	377	216	101	0	11.2	350	28	1	04	330	40	2	1635
Fleetwood ...	34	15	9	-	0	7	16	352	272	80	0	10.6	310	30	2	17	100	39	12	1355
Speke ...	30	10	10	-	0	3	8	374	287	51	0	11.1	240	27	22	14	280	37	28	2215
Cheshire Manchester/W.Centre	82	45	17	-	0	2	4	294	373	49	0	9.9	230	23	23	10	040	45	6	0220
Bidston ...	80	20	12	-	0	4	7	324	321	44	24	-	270	28	23	11	270	45	23	1010
Ringway ...	80	10	10	-	0	4	10	349	283	78	0	10.4	220	24	23	08	200	34	22	1720
7b NORTH WALES																				
Anglesey Valley ...	26	16	12	22	8	18	169	371	142	30	0	16.2	200	36	22	18	200	47	22	1720
8a SOUTH WALES																				
Cardigan Aberporth ...	144	10	-	12,25	3	20	218	386	98	15	0	17.7	340	34	25	18	310	49	12	2130
Pembroke Milford Haven C.B.	47	10	10	-	0	4	20	328	261	111	0	10.3	240	25	21	02	210	37	22	1440
Glamorgan Port Talbot ...	28	12	11	-	0	10	35	343	257	85	0	11.2	330	30	12	24	330	46	12	2335
Rhosee ...	77	10	10	-	0	6	19	325	287	89	0	10.5	250	27	21	05	290	41	12	2315
8b ENGLAND, S.W.																				
Dorset Portland Bill C.G.	60	13	13	13	4	12	50	386	259	21	0	13.2	290	36	13	04	290	48	13	0325
Devon Mount Batten ...	64	13	13	-	0	9	73	370	236	41	0	12.7	220	30	22	19	250	44	25	1305
Chivenor ...	19	13	10	-	0	10	58	367	245	50	0	12.3	300	28	12	24	240	43	21	0350
Cornwall Scilly ...	70	20	17	25	5	12	73	424	173	45	0	13.6	260	35	25	11	270	50	25	1350
Lizard ...	96	23	18	f	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Mawgan ...	120	13	13	-	0	12	84	441	175	20	0	14.3	250	31	25	13	320	46	25	1745
9 NORTHERN IRELAND																				
Londonderry Ballykelly ...	13	12	10	-	0	4	16	392	233	79	0	11.1	280	25	23	14	300	39	23	1420
Antrim Aldergrove ...	79	10	10	-	0	0	0	332	338	50	0	10.1	280	20	23	14	280	35	23	1345
Ballypatrick Forest	166	13	13	-	0	15	80	461	148	31	0	14.3	310	31	23	14	270	49	5	1320
Belfast Harbour ...	21	18	18	-	0	12	47	435	209	29	0	12.9	050	31	6	03	290	46	23	1445
Down Kilkeel ...	35	18	14	-	0	5	24	376	256	64	0	11.3	040	27	12	19	040	43	12	1615
Orlock Head ...	51	16	12	5	1	17	142	458	88	28	3	16.3	020	34	5	23	020	49	5	2245
Armagh Portadown ...	26	10	10	-	0	0	0	214	401	105	0	7.8	350	16	25	16	350	30	25	1830
Tyrone Carrigans ...	129	10	10	-	0	0	0	249	282	189	0	7.6	290	21	5	17	310	40	5	1710
Fermanagh Castle Archdale Forest	80	13	13	-	0	0	0	320	320	80	0	9.5	210	21	17	15	010	38	25	1540
CHANNEL ISLES																				
Jersey Airport ...	98	18	12	-	0	7	37	408	251	24	0	12.0	300	27	13	05	300	40	13	0450

† Anemograph dismantled for re-erection * Defective record ‡ Record ceased § Incomplete record ¶ Anemograph out of order ** Record ceased temporarily

TABLE III —SUMMARY OF DAILY OBSERVATIONS APRIL, 1970

DISTRICT, COUNTY AND PLACE	Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)			WEATHER Number of Days										BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
				MEANS OF		Daily Mean (mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1916-50 average	MOST IN A DAY		Precip'n		Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
				Max. (A)	Min. (B)			Maximum	Date	Minimum	Date	Amount (mm)	Date			0.2 mm or more	1.0 mm or more																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
				30 cm.	122 cm.			30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.			30 cm.	122 cm.	30 cm.	122 cm.														30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 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cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

APRIL,

1970

DISTRICT, COUNTY AND PLACE	Max. Temp. in GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days												BRIGHT SUNSHINE				
			MEANS OF		Daily Mean (mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1916-50 average	MOST IN A DAY		Precip'n 0.2 mm or more	1.0 mm or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure		
			Max. (A)	Min. (B)			Maximum	Date	Minimum	Date					Amount (mm.)	Date																	
0 SCOTLAND, N. -contd.																																	
Inverness																																	
Benbecula ...	21-9	6	8.9	3.0	5.9	-1.6	11.4	30	-1.7	1	-	-	68	104	8	17	24	17	4	0	1	5	0	0	6	13	8	0	6.09	-	-	-	
Isle of Rhum €	99	5	9.6	2.4	6.0	-	12.8	16	-2.2	11	7.2	6.7	154	107	22	21	22	20	9	1	2	5	1	0	8	19	-	5	-	-	-		
Prabost ...	99	67	8.4	2.1	5.3	-	11.7	16,22,30	-2.8	1	-	-	128	110	15	8	25	24	3	0	1	10	0	6	20	-	3	4.86	-	-	-		
Duntulm ...	99	90																															
Onich ...	99	15	9.2	1.6	5.4	-2.0	12.2	18	-2.8	2,14	-	-	135	111	34	21	24	20	-	0	-	-	-	0	7	21	-	4.06	101	S	-		
Fort William €	99	8	9.4	2.2	5.8	-	12.8	18	-3.3	14	5.9	5.6	133	127	31	21	24	20	4	0	0	2	1	0	5	14	-	3.57	-	-	-		
Corpach ...	99	8	9.3	2.2	5.7	-	13.3	15	-1.7	11,14	-	-	147	-	31	21	21	19	3	0	0	0	0	4	19	-	0	-	-	-	-		
Fort Augustus ...	99	21	9.3	1.8	5.5	-1.6	13.3	15,16,30	-3.3	11	-	-	85	-	15	21	24	17	3	0	0	0	0	0	10	-	0	3.59	-	-	-		
Inverness ...	99	4	9.1	1.3	5.2	-	(13.9)	16	-2.8	2,11,12	-	-	54	129	11	5	22	18	3	1	0	0	0	8	10	-	0	4.88	-	-	-		
Coire Cas Shielling	99	762	2.5	-2.7	-0.1	-	8.3	15,22	-8.3	2	-	-	-	-	-	-	-	-	18	30	-	-	-	25	-	-	-	-	-	-	-		
Cairngorm ...	99	1090	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Achnagoichan ...	99	305	7.1	-0.6	3.3	-	13.3	22	-6.7	12	3.2	-	86	141	15	2	15	15	13	-	2	0	0	-	20	24	-	0	-	-	-	-	
Glenmore Lodge	99	341	6.8	-1.6	2.6	-2.8	14.5	22	-8.6	2	-	-	95	136	16	8	19	17	17	16	0	0	0	22	25	23	0	3.51	-	-	-	-	
1 SCOTLAND, E.																																	
Nairn																																	
Nairn ...	99	6	8.8	1.0	4.9	-2.4	15.0	22	-4.4	12	-	-	51	125	11	5	24	19	7	1	5	5	0	0	10	14	-	0	5.28	112	-	-	
Moray																																	
Grantown-on-Spey	99	221	7.5	-0.2	3.7	-	15.0	22	-7.2	12	-	-	88	-	13	5	25	20	14	11	2	4	0	1	15	24	-	0	-	-	-	-	
Forres ...	99	50	8.8	1.9	5.3	-2.0	16.1	22	-3.3	11	5.6	5.3	57	147	8	5	22	18	9	2	2	2	0	0	6	17	-	0	4.94	106	-	-	
Kinloss ...	21-9	5	9.0	1.8	5.4	-1.7	16.8	22	-4.3	12	5.4	-	44	111	5	8	20	17	9	0	0	8	0	8	16	12	1	5.17	-	-	-	-	
Elgin ...	99	15	9.5	2.2	5.9	-	17.2	22	-2.8	12	-	-	54	123	6	8	21	20	-	2	-	-	-	0	7	9	-	5.96	-	-	-	-	
Lossiemouth ...	99	6	9.3	1.7	5.5	-1.6	17.2	22	-4.4	12	-	-	43	107	8	18	21	13	7	0	2	5	0	0	7	18	12	0	-	-	-	-	
Gordon Castle ...	99	32	9.0	2.1	5.5	-1.8	16.7	22	-1.7	0,11,12	-	-	48	102	9	8	22	12	8	0	6	0	0	-	7	-	0	4.97	109	-	-	-	
Banff																																	
Glenlivet ...	21-9	215	7.3	0.4	3.9	-	15.6	22	-8.1	11	-	-	93	-	12	8	23	18	17	10	8	0	1	0	14	22	23	0	4.31	-	S	-	
Banff ...	99	24	8.7	2.7	5.7	-	16.7	15,(22)	-0.6	2,11	-	-	54	-	10	28	19	14	4	0	0	1	0	0	2	-	2	6.21	-	-	-	-	
Aberdeen																																	
Braemar ...	99	339	6.7	-0.8	2.9	-2.3	13.3	22	-8.9	12	-	-	60	106	14	5	20	17	-	14	-	-	-	0	18	23	-	4.66	-	-	-	-	
Balmoral ...	99	283	6.7	-1.0	2.9	-2.5	15.0	22	-8.3	12	-	-	82	144	12	7	21	16	12	12	0	0	-	-	19	19	-	0	-	-	-	-	
Dinnet ...	99	177	8.3	0.4	4.3	-	14.4	17	-5.6	12	4.1	-	62	-	8	7	23	16	-	3	-	-	-	0	14	-	-	5.89	-	-	S	-	
Gartly ...	99	160	8.1	0.6	4.3	-	16.7	22	-5.0	11	-	-	67	-	11	28	25	15	-	-	-	-	-	0	10	18	-	-	-	-	-	-	
Inverurie S. Wks.	99	54	9.3	0.7	5.0	-	16.1	17	-4.4	12	-	-	51	-	6	19	22	16	9	3	2	0	0	0	14	20	-	0	5.32	-	-	-	
Fyvie Castle ...	99	66	9.2	0.6	4.9	-	17.2	22	-5.0	14	-	-	65	112	6	8	22	18	12	4	5	0	0	-	14	19	-	1	5.67	-	-	-	
Craibstone ...	99	91	8.6	1.3	4.9	-1.6	15.6	17,22	-2.8	14	4.9	4.5	31	56	4	6	20	15	10	3	3	0	0	0	9	20	-	0	5.61	114	-	-	
Dyce ...	21-9	58	9.1	0.8	4.9	-1.7	17.2	22	-4.8	14	-	-	38	65	5	6	18	15	11	3	1	14	0	0	13	23	19	0	5.71	-	-	-	
Aberdeen ...	99	52	8.9	1.2	5.1	-1.9	16.1	17,22	-3.3	14	-	-	44	79	6	6	19	15	7	3	0	0	0	0	9	18	-	0	6.25	130	-	-	
Fraserburgh ...	21-9	18	8.4	3.1	5.7	-	16.9	17,22	-1.1	1	-	-	34	-	4	2	19	11	7	0	3	1	0	0	2	8	9	4	6.25	-	-	-	-
Kincardine																																	
Fettercairn ...	99	171	8.4	0.7	4.5	-1.6	15.0	17	-2.8	1,12	-	-	59	92	8	25	24	16	13	1	3	0	0	1	12	22	-	0	5.36	-	-	-	
Strachan ...	99	120	8.7	0.1	4.4	-	15.0	17	-6.1	12,14	3.9	-	51	-	6	19	18	15	7	6	4	3	0	0	16	20	-	0	5.16	-	-	-	
Banchory ...	99	77	9.4	0.8	5.1	-	15.6	17	-3.9	12,14	-	-	49	-	6	19	21	12	13	6	1	10	1	0	15	22	-	0	-	-	-	-	
Angus																																	
Mylnfield €	99	30	9.8	1.9	5.9	-	15.0	17	-2.8	5	5.3	5.2	44	109	12	5	18	9	3	0	1	0	0	0	8	24	-	1	5.90	-	-	-	
Dundee ...	99	45	9.8	2.4	6.1	-1.3	15.0	17	-1.7	5	6.3	-	34	76	12	5	19	9	4	1	5	3	0	0	4	21	-	0	5.38	-	-	-	
Glamis Castle ...	99	61	9.6	0.6	5.1	-	16.1	19	-5.0	11,14	-	-	36	77	10	5	19	11	4	4	1	0	0	0	15	-	2	-					

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

APRIL,

1970

DISTRICT, COUNTY AND PLACE			Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days												BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
						MEANS OF		Daily Mean (mean of A & B)	Difference from 1911-50 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1916-50 average	Most in a day Amount (mm.)	Date	Precip'n		Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1911-50 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
						Max. (A)	Min. (B)			Maximum	Date	Minimum	Date	0.2 mm or more	1.0 mm or more																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

APRIL,

1970

DISTRICT, COUNTY AND PLACE	Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days										BRIGHT SUNSHINE				
				MEANS OF		Daily Mean (mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1916-50 average	Amount (mm.)	Date	Precip'n 0.2 mm or more 14.0 mm or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure	
				Max. (A)	Min. (B)			Maximum	Date	Minimum	Date																					
6b ISLE OF MAN																																
Ronaldsway ...	21-9	17	9.0	3.9	6.5	-	11.3	24	-0.5	1	-	-	112	219	27	12	21	15	6	0	1	2	0	0	1	9	6	0	5.19	-	-	
Douglas ...	99	87	8.8	3.2	6.0	-1.8	11.7	17, 18	-1.7	1	-	-	128	192	29	12	22	17	3	0	0	3	0	1	2	8	-	2	5.21	88	-	
Point of Ayre ...	21-9	9	10.1	4.1	7.1	-	16.5	17	-1.3	14	-	-	72	160	18	12	17	16	5	0	0	0	0	0	2	-	-	5	5.31	-	-	
2 ENGLAND, N.E.																																
Northumberland																																
Kielder Castle ...	99	201	8.1	0.0	4.1	-	13.3	17	-6.7	2	4.9	-	108	142	26	22	25	19	12	5	3	4	0	4	17	22	-	0	-	-	-	
Haydon Bridge ...	99	79	9.6	1.5	5.5	-	16.1	16	-5.0	2	6.3	5.6	56	-	7	5	23	15	7	1	1	0	0	0	12	18	-	0	-	-	-	
Corbridge ...	99	49	9.7	1.7	5.7	-	16.1	17	-3.3	11, 14	-	-	38	-	6	5	19	12	5	0	2	0	0	0	10	19	-	0	-	-	-	
Berwick-on-Tweed †	99	23	9.1	3.0	6.1	-1.3	15.6	17	-0.6	11	-	-	35	104	8	5	19	12	6	0	4	0	1	0	2	18	-	0	5.90	113	-	
Acklington ...	21-9	42	9.4	2.1	5.7	-1.4	15.5	17	-2.5	11	-	-	47	107	13	5	18	10	11	3	0	9	1	0	11	15	14	0	5.59	-	-	
Tynemouth †	21-9	29	8.6	3.1	5.9	-1.8	16.5	17	-1.7	2	-	-	51	125	10	5	15	13	10	2	1	1	0	0	3	17	-	1	4.99	102	-	
Seahouses ...	21-9	11	8.9	2.9	5.9	-	15.9	16, 17	-1.1	3	-	-	37	-	6	5	14	10	5	0	3	2	2	0	3	14	11	4	6.14	-	-	
Durham																																
Chopwellwood ...	99	136	9.5	1.7	5.6	-1.8	17.2	17	-2.8	2	-	-	60	127	14	5	19	13	5	4	0	0	0	0	10	20	-	0	-	-	-	
Ushaw College ...	99	181	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Houghall ...	99	37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Durham †	99	102	9.7	2.0	5.9	-1.5	15.6	17	-2.2	2, 11	6.1	5.8	49	115	12	5	19	12	-	2	-	-	-	-	0	10	17	-	-	4.67	102	
Hartburn Grange ...	99	31	9.8	1.9	5.9	-	16.8	17	-3.6	2	-	-	46	-	13	5	19	11	-	2	-	-	-	-	0	9	17	-	-	4.24	-	
Hartlepool ...	99	9	9.8	3.1	6.5	-	17.2	17	-1.7	11	-	-	55	134	12	25	22	11	6	1	1	0	0	0	4	-	-	0	-	5.27	-	
Yorks., N. Riding																																
Leeming ...	21-9	32	10.1	3.1	6.6	-	17.6	17	-2.7	2	-	-	42	-	10	5	18	11	6	1	5	5	0	0	7	19	13	0	4.53	-	-	
Marton ...	99	46	9.3	2.6	5.9	-	16.7	17	-3.9	2	6.0	5.8	65	-	11	8	21	13	7	3	0	2	0	-	8	13	-	0	4.09	-	-	
York (Heslington) ...	99	20	10.2	2.9	6.5	-	17.2	17	-4.4	2	6.4	6.2	60	-	19	12	17	13	-	0	-	-	-	-	1	6	13	-	0	4.68	-	
Ampleforth ...	99	95	9.3	3.1	6.2	-1.5	16.1	17	-2.8	2	-	-	69	137	16	5	17	16	2	-	0	0	0	0	5	15	-	0	4.29	89	-	
Redcar ...	99	8	4.6	3.2	3.9	-	16.7	18	-2.2	11	-	-	56	152	9	8	22	11	-	1	-	-	-	-	0	3	-	-	-	-	-	
Pickering ...	99	44	9.7	2.2	5.9	-	17.2	17	-4.7	28	-	-	71	-	21	12	23	14	7	3	1	1	0	0	9	17	-	0	-	-	-	
Scarborough ...	99	36	9.7	3.7	6.7	-1.8	17.2	17	-1.1	2	7.3	7.0	55	122	10	12	22	16	5	0	1	1	0	0	1	-	-	0	5.56	110	-	
Silpho Moor ...	99	203	8.2	1.3	4.7	-	16.1	17	-4.4	11	4.9	-	74	137	10	9	23	17	7	3	3	0	0	1	11	18	-	0	5.34	-	-	
Whitby Coast Guard	21-9	63	8.5	3.1	5.8	-	17.8	17	-2.6	11	-	-	31	-	6	5	19	9	6	0	0	2	0	0	8	8	10	4	-	-	-	-
Yorks., E. Riding																																
High Mowthorpe ...	99	175	8.1	1.8	4.9	-	15.6	17	-3.8	2	4.7	-	69	125	21	12	21	15	-	3	-	-	-	-	0	12	17	-	-	5.24	-	
Hull †	99	2	10.7	3.7	7.2	-1.5	18.3	17	-1.7	2	7.1	6.6	83	180	27	12	23	15	5	0	4	0	1	0	4	13	-	0	4.96	104	-	
Filey ...	99	37	8.9	2.7	5.8	-	16.7	17	-3.3	2	-	-	64	133	12	12	23	15	9	2	1	4	0	1	6	11	-	0	5.43	-	-	
Bridlington †	99	48	8.8	2.5	5.7	-1.8	17.2	17	-3.3	2	-	-	72	150	16	12	23	17	10	1	0	7	0	1	6	13	-	5	5.53	104	-	
Kilnsea ...	21-9	12	9.1	3.3	6.2	-	15.7	17	-2.5	2	-	-	69	-	29	12	20	13	10	1	4	0	1	0	7	-	-	6	5.74	-	-	
Lincoln																																
Waddington †	21-9	68	10.0	3.2	6.6	-1.7	16.2	17	-2.5	2	-	-	78	-	26	12	23	13	9	1	0	3	1	0	7	12	11	0	4.74	89	-	
Lincoln †	99	7	10.7	2.4	6.5	-1.6	17.2	17	-4.4	2	6.3	5.5	81	187	30	12	22	15	3	1	1	0	1	0	10	16	-	0	4.69	-	-	
Cranwell ...	99	62	10.4	2.7	6.5	-1.7	16.5	17	-3.0	2	6.7	6.1	80	190	25	12	20	13	8	1	0	1	0	0	10	16	15	0	4.85	93	-	
Brigg ...	99	3	10.8	2.8	6.8	-	17.2	17	-2.8	9	-	-	74	-	23	12	23	16	6	1	0	3	2	0	8	17	-	0	-	-	-	
Binbrook ...	21-9	108	(9.4)	2.9	(6.1)	-	16.2	17	-4.0	9	-	-	89	-	37	12	20	14	13	2	2	5	1	1	9	19	13	0	-	-	-	
Cleethorpes ...	99	7	10.3	3.6	6.9	-1.5	18.3	17	-2.8	9	-	-	68	159	23	12	19	16	4	0	0	2	1	0	2	8	-	2	4.43	84	-	
Manby ...	21-9	17	10.2	3.1	6.7	-	18.1	17	-4.5	9	6.7	-	88	210	27	12	21	14	7	0	1	6	1	1	7	14	10	0	5.22	-	-	
Skegness ...	99	5	10.1	3.1	6.6	-1.5	16.7	15	-3.3	9	-	-	63	154	20	12	16	15	2	0	0	0	0	1	7	-	-	0	5.07	93	-	
3 ENGLAND, E.																																

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

APRIL,

1970

DISTRICT, COUNTY AND PLACE	Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days												BRIGHT SUNSHINE				
				MEANS OF		Daily Mean (mean of A & B)	Difference from 1911-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1916-50 average	MOST IN A DAY		Precip'n		Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1911-60 average	Exposure
				Max. (A)	Min. (B)			Maximum	Date	Minimum	Date					Amount (mm)	Date	0.2 mm or more	1.0 mm or more													
3 ENGLAND, E. - contd.																																
Essex																																
Harlow ...	99	79	10.8	2.7	6.7	-	15.6	16	-3.3	2	-	6.8	53	-	10	5	21	15	6	0	0	2	2	0	7	-	-	0	3.89	-	-	
Stansted ...	21-9	101	10.0	3.1	6.5	-1.6	15.5	17	-2.8	2	-	-	71	151	15	25	23	12	8	0	0	5	2	0	7	13	-	0	-	-	-	
Writtle ...	99	32	10.7	3.0	6.9	-	16.7	17	-2.8	2	7.2	-	54	113	9	5	20	14	5	0	4	0	1	0	6	18	-	0	3.68	-	-	
Southend ...	99	27	11.3	4.1	7.7	-1.4	16.1	17	-1.1	2,9	-	-	45	108	8	12	20	15	7	0	1	0	0	0	2	-	-	0	2.89	-	-	
Maldon ...	99	4	10.5	3.5	7.0	-	16.7	17	-2.8	9	-	-	36	-	6	12	23	11	3	-	1	1	1	0	4	-	-	0	-	-	-	
Earls Colne ...	99	49	10.6	3.3	6.9	-	16.1	17	-2.2	2,9	6.9	7.0	67	141	12	12	21	17	-	0	-	-	-	0	5	12	-	-	-	-	-	
Shoeburyness §	21-9	2	10.8	4.0	7.4	-1.4	16.4	17	-3.2	9	-	-	39	96	6	12	19	13	6	0	1	4	1	0	4	13	10	0	4.43	80	-	
Clacton-on-Sea €	99	16	10.1	3.7	6.9	-1.3	15.0	23	-2.2	9	7.6	7.2	40	95	9	12	19	14	3	0	0	0	0	0	3	10	-	0	4.74	83	-	
Walton-on-Naze	21-9	5	10.2	3.7	6.9	-	16.2	23	-2.6	9	-	-	60	-	9	12	23	19	6	0	2	1	3	1	4	9	8	0	4.93	-	-	
Dovercourt ...	99	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4 MIDLAND COUNTIES																																
Yorks., W. Riding																																
Slaidburn ...	99	192	8.3	1.6	4.9	-	13.3	17	-3.9	2	-	-	177	191	52	22	22	17	6	0	0	0	0	9	17	-	0	4.17	-	-	-	
Malham Tarn ...	99	395	6.7	-1.2	2.7	-	11.7	17	-11.1	2	4.8	-	166	180	30	22	25	19	6	2	0	0	0	3	21	25	-	0	4.19	-	-	
Huddersfield §	99	99	10.1	3.0	6.5	-	17.2	18	-1.7	2	6.3	5.8	102	189	44	12	21	15	-	0	-	-	0	2	13	-	-	0	3.97	99	-	
" Oakes	21-9	232	9.1	3.3	6.2	-1.3	16.2	17	-3.3	2	6.0	5.3	125	195	40	12	24	17	8	1	0	5	2	3	10	17	14	1	4.17	96	-	
Bradford §€	99	134	9.3	2.9	6.1	-1.6	16.1	17	-2.8	2	6.1	5.2	100	170	43	12	23	13	6	0	6	1	0	0	5	19	-	0	-	-	S	
Ilkley ...	99	96	9.8	2.8	6.3	-1.5	16.1	17,18	-2.8	2	-	-	111	170	54	12	21	15	5	0	0	6	0	0	7	-	-	0	4.09	89	-	
Sheffield *	99	131	10.4	3.3	6.9	-1.5	17.8	17	-2.2	2	6.5	5.8	106	202	49	12	21	16	7	2	1	0	0	-	4	-	-	0	4.57	103	-	
Pontefract ...	99	78	10.1	3.2	6.7	-1.4	17.2	17,18	-2.2	2	-	-	70	167	37	12	20	13	7	1	2	0	0	1	5	11	-	0	-	-	-	
Bramham ...	99	54	10.1	2.8	6.5	-	17.2	17	-2.2	2	-	-	72	163	32	12	18	10	7	0	0	3	0	0	7	18	-	0	4.14	-	-	
Cawood ...	99	6	10.4	3.0	6.7	-	18.3	17	-2.2	2	6.3	5.9	70	163	28	12	18	11	3	1	0	0	0	0	6	14	-	0	4.15	-	-	
Askham Bryan ...	99	34	3.2	-	-	-	16.7	17	-2.2	12	-	-	78	169	24	12	15	14	0	1	0	0	0	1	7	12	-	0	4.53	97	-	
Derby																																
Buxton €	99	307	7.5	1.7	4.6	-1.9	14.4	17	-3.9	2	4.9	4.5	183	215	35	12	22	21	7	3	0	0	0	2	9	14	-	0	-	-	-	
Ashover ...	99	186	9.6	2.6	6.1	-	16.1	17	-4.4	9	-	-	91	-	29	12	20	12	9	3	0	3	1	1	6	16	-	0	4.81	-	-	
Derby ...	99	48	11.1	3.6	7.3	-	17.2	17	-3.3	9	-	-	76	151	21	12	20	16	5	0	0	0	1	0	4	12	-	0	4.22	-	-	
Morley ...	99	107	10.5	2.3	6.4	-	16.7	17,18,19	-4.4	9	-	-	80	154	23	12	20	17	-	0	-	-	-	-	10	18	-	-	(4.04)	-	-	
Wingerworth ...	99	126	9.9	2.5	6.2	-	16.7	17	-5.0	9	6.7	-	99	-	27	12	19	13	7	3	0	7	1	0	10	18	-	0	-	-	-	
Nottingham																																
Sutton Bonington	99	48	10.8	3.1	6.9	-1.4	16.7	17	-2.8	2,9	6.8	6.3	54	126	16	11	19	12	4	1	0	0	1	0	5	18	-	0	4.05	86	-	
Watnall ...	21-9	117	10.3	3.0	6.7	-1.5	17.0	17	-3.2	2	-	-	72	148	26	12	20	14	9	2	6	2	1	1	6	16	11	0	4.09	86	-	
Mansfield ...	99	110	9.7	3.1	6.4	-1.8	16.7	17	-1.7	2,9	6.6	-	96	192	30	12	22	13	4	4	0	0	1	1	3	17	-	0	-	-	-	
Nottingham §	99	59	10.8	3.6	7.2	-1.5	17.2	17	-2.8	2	6.6	5.7	56	122	20	12	14	10	6	1	0	0	2	1	5	10	-	0	4.16	97	-	
Worsop ...	99	46	10.5	2.9	6.7	-	17.2	17	-2.8	2,28	-	-	76	190	30	12	18	12	-	1	-	-	-	0	8	20	-	-	4.52	-	-	
Finningley ...	21-9	10	11.2	3.6	7.4	-1.1	18.1	17	-1.5	2	-	-	71	-	32	12	20	11	7	0	0	2	1	0	6	12	9	0	4.55	-	-	
Leicester																																
Newtown Linford	99	119	10.2	2.3	6.3	-	15.6	17	-3.9	2	-	-	64	120	13	12	20	13	6	0	1	3	1	0	8	15	-	0	3.35	-	-	
Caldecott ...	99	53	10.7	2.4	6.5	-	16.7	17	-5.6	2	-	-	73	163	19	25	20	16	-	0	-	-	-	0	12	17	-	-	3.54	-	-	
Northampton																																
Bugbrooke Mills	99	69	(10.7)	(2.8)	(6.7)	-	17.2	15	-2.8	2	(6.8)	(6.2)	53	109	12	5	21	13	-	0	-	-	-	0	7	-	-	-	(4.33)	-	-	
Raunds §€	99	59	10.8	2.7	6.7	-1.6	16.7	15,17	-2.8	2	7.2	6.2	69	157	13	12	23	15	5	1	4	0	1	1	7	18	-	0	3.55	75	-	
Wittering ...	99	65	10.6	3.1	6.9	-1.5	17.1	17	-3.2	2	-	-	66	157	17	25	17	13	7	0	3	2	1	1	5	16	15	0	4.25	-	-	
Warwick																																
Birmingham K.E.S.*	99	137	9.8	3.2	6.5	-	15.6	17	-2.2	2	-	-	74	128	12	12	24	16	7</													

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

APRIL,

1970

DISTRICT, COUNTY AND PLACE	Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days										BRIGHT SUNSHINE				
				MEANS OF		Daily Mean (mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1916-50 average	MOST IN A DAY		Precip'n 0.2 mm or more	1.0 mm or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost below 0°C	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure
				Max. (A)	Min. (B)			Maximum	Date	Minimum	Date					Amount (mm)	Date															
4 MIDLAND COUNTIES — contd.																																
Hereford																																
Lyonsall ...	9 9	155	10.3	2.8	6.5	-1.7	15.6	17	-3.9	11	-	-	53	88	7	11	18	13	-	-	-	-	-	-	7	19	-	-	-	-	-	-
Ross-on-Wye ¶§€	21-9	68	10.8	3.5	7.1	-1.8	15.4	21	-2.4	11	7.5	7.3	36	72	6	24	20	12	4	1	2	1	0	1	5	17	12	0	4.19	79	-	
Preston Wynne	9 9	84	10.7	2.2	6.5	-	15.6	17	-6.7	11	-	-	42	95	8	11	19	14	6	1	1	4	0	1	10	18	-	0	4.66	-	-	
Gloucester																																
Filton ...	21-9	59	10.9	3.9	7.4	-1.4	16.9	15	-4.0	11	-	-	55	109	13	24	19	13	5	0	4	0	0	1	5	12	9	0	3.92	-	-	
Hempsted ...	9 9	12	11.2	3.2	7.2	-	15.6	15	-2.8	2	7.8	7.4	43	82	8	24	20	12	6	1	0	2	0	1	7	16	-	0	3.84	-	-	
Gloucester ...	21-9	24	11.5	4.0	7.7	-	15.5	15	-2.2	11	-	-	55	-	11	9	21	13	4	1	6	0	1	1	4	16	7	0	4.11	-	-	
Cheltenham ...	9 9	65	10.9	3.1	7.0	-1.9	15.6	15, 17	-3.9	2	-	-	54	110	9	24	27	15	-	-	-	-	-	5	-	-	-	-	3.89	-	-	
Cirencester ...	9 9	135	10.6	2.2	6.4	-	15.6	15	-3.9	2	-	-	58	99	11	24	21	11	3	1	0	0	0	1	10	17	-	1	4.53	-	-	
Little Rissington	21-9	226	9.7	2.6	6.1	-	15.4	15	-2.6	2	-	-	62	108	9	5	20	15	8	1	1	2	0	2	7	17	11	0	4.43	-	-	
5 ENGLAND, S.E.																																
Greater London																																
Kensington Palace	9 9	25	11.1	4.3	7.7	-2.1	16.7	16	-1.7	2	7.9	7.4	68	139	14	5	24	16	3	0	1	0	2	0	2	17	-	0	-	-	-	
Hampstead ...	9 9	137	10.4	2.9	6.7	-1.8	15.3	16	-3.2	2, 9	-	-	74	137	16	5	24	16	6	0	2	0	3	-	6	13	-	0	4.10	79	-	
St. James's Park	9 9	4	11.7	4.7	8.1	-1.8	16.1	16, 17, 23	-0.6	2, 3, 9	-	-	61	130	14	5	21	14	0	-	0	0	-	3	10	-	-	0	-	-	-	
London/W. Centre																																
Greenwich ...	9 9	7	11.4	4.0	7.7	-	16.7	16	-1.7	9	-	-	60	133	11	5	23	16	0	2	0	0	0	0	3	14	-	0	3.68	78	-	
Heathrow ...	21-9	25	11.4	3.8	7.6	-1.7	16.2	17	-2.2	2	-	-	59	132	7	12	23	16	7	0	3	0	3	0	3	17	7	0	4.09	-	-	
Hampton ...	9 9	12	11.0	3.9	7.5	-	15.6	16	-1.7	2	-	-	49	105	10	5	25	16	5	0	0	0	2	1	3	10	-	0	4.11	-	-	
Wealdstone ...																																
Southgate ...	9 9	67	10.9	3.4	7.1	-	15.6	16, 18, 24	-2.2	2, 9	7.2	-	67	126	12	5	25	18	4	0	2	1	2	0	3	16	-	0	4.19	-	-	
Kew * ¶§€	21-9	5	11.1	3.6	7.3	-	16.1	16	-2.6	11	7.3	6.9	62	136	9	5	23	18	6	0	1	5	1	0	6	17	8	0	4.20	79	-	
Waddon ...	9 9	67	10.7	3.8	7.3	-1.8	15.6	16, 23	-2.2	2, 9	-	-	62	114	14	5	23	17	-	-	-	-	-	6	-	-	-	-	-	-	-	
Addington ...	9 9	144	10.2	3.2	6.7	-1.9	15.6	16	-2.8	2	-	-	71	122	15	5	23	19	-	-	-	-	-	0	5	-	-	-	-	-	-	
Bromley ...	9 9	65	-	3.2	-	-	-	-	-2.8	2	-	-	67	127	11	5	21	19	-	0	-	-	-	0	6	-	-	-	-	-	-	
Surrey																																
Gatwick ...	21-9	59	10.9	2.7	6.8	-1.8	15.4	23	-4.1	9	-	-	73	125	15	5	24	16	7	0	0	1	1	1	8	16	10	0	3.68	-	-	
Wiseley ...	9 9	35	11.2	3.5	7.3	-1.6	15.6	16	-2.8	2	7.9	7.5	59	116	9	18	27	18	7	0	1	0	3	1	7	17	-	2	4.06	79	-	
Mickleham ...	9 9	55	10.8	2.2	6.5	-	15.6	16	-5.0	9	7.2	6.4	73	128	13	5	26	20	8	-	0	0	0	1	10	17	-	0	-	-	-	
Kent																																
Dartford ...	9 9	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Hadlow College	9 9	30	10.6	2.7	6.7	-	15.0	16, 23	-3.3	9	7.2	6.7	71	-	20	5	24	15	4	0	0	1	2	1	9	15	-	0	3.37	-	-	
Gillingham ...	9 9	4	10.9	3.7	7.3	-	16.7	17	-2.2	9	-	-	55	116	7	5	21	17	-	-	-	-	-	6	-	-	-	-	-	-	-	
Peckham ...	21-9	29	10.4	2.8	6.6	-	14.8	16	-3.5	9	-	-	58	-	8	5	21	15	8	0	0	0	0	1	10	18	15	0	4.32	-	-	
Dungeness ...	21-9	3	9.5	3.0	6.3	-2.1	16.4	19	-2.5	2	-	-	62	137	9	10	21	15	5	1	0	0	0	1	5	-	-	2	-	-	-	
Whitstable ...	9 9	3	10.7	4.3	7.5	-	15.6	16, 17, 23	-3.3	9	-	-	47	118	8	12	20	14	3	0	1	0	0	0	2	-	-	1	4.67	-	-	
Folkstone ...	9 9	39	9.3	3.9	6.6	-	14.4	30	-1.1	2	-	7.6	51	108	7	20	20	14	7	0	0	0	0	1	4	-	-	0	4.41	-	-	
Elmstone ...	9 9	9	10.7	3.2	6.9	-	16.1	17	-3.3	9	-	-	45	-	6	6	20	14	-	-	-	-	-	0	8	11	-	-	-	-	-	
Herne Bay ...	9 9	6	10.7	4.8	7.7	-	16.7	17	-1.1	9	-	-	43	102	8	12	18	11	4	0	0	1	0	0	1	-	-	0	4.78	-	-	
Dover ...	9 9	6	9.4	4.1	6.7	-2.2	13.9	30	-1.1	2	7.9	7.2	62	123	9	6	21	15	6	0	1	1	1	1	3	-	-	0	4.71	-	-	
Deal ...	21-9	5	10.0	4.3	7.1	-	14.3	18	-1.5	9	-	-	43	-	4	6, 19	19	15	3	0	0	0	0	1	2	8	7	0	-	-	-	
Manston ...	21-9	44	10.2	3.8	7.0	-	15.4	17	-3.6	9	-	-	45	117	5	6	20	12	8	0	0	4	1	0	6	10	7	0	-	-	-	
Margate ...	9 9	16	10.0	4.9	7.5	-1.5	15.6	17	0.0	9	7.5	7.1	41	-	6	12	18	12	2	0	0	1	0	0	0	-	-	2	4.95	81	-	
West Malling ...	9 9	93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Goudhurst ...	9 9	85	9.9	2.4	6.1	-	13.9	16	-5.0	9	-	-	78	132	12	5	22	16	5	0	1	0	0	0	10	17	-	0	-	-	-	
East Malling ¶§	9 9	37	10.4	3.0	6.7	-1.9	15.6	16	-3.9	9	7.1	6.7	71	133	13	5	21	15	5	0	0	0	1	0	8	13	-	0	3.60	68	-	
Throwley ...	9 9	150	9.4	2.7	6.1	-	13.9	16, 18	-2.8	9	5.7	6.2	87	149	14	5	24	17	10	0	0	0	1	1	8	13	-	2	3.45	-	-	
Faversham ...	9 9	48	10.2	3.4	6.8	-	15.0	16, 17	-2.8	9	6.9	6.5	60	-	7	5	20	18	3	0	0	3	1	1	7	14	-					

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

APRIL,

1970

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DISTRICT, COUNTY AND PLACE		Max. Temp. by GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days												BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
				MEANS OF		Daily Mean (mean of A & B)	Difference from 1931—60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1931—60 average	MOST IN A DAY		Precip'n 0.2 mm or more	1.0 mm or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931—60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
				Max. (A)	Min. (B)			Maximum	Date	Minimum	Date	Amount (mm)	Date																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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5. ENGLAND, S.E. — contd.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

APRIL,

1970

DISTRICT, COUNTY AND PLACE	Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days										BRIGHT SUNSHINE				
				MEANS OF		Daily Mean (mean of A & B)	Difference from 1911-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1910-30 average	MOST IN A DAY		Precip'n 0.2 mm or more	1.0 mm or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost below 0°C	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1911-60 average	Exposure
				Max. (A)	Min. (B)			Maximum	Date	Minimum	Date					Amount (mm.)	Date															
8a. SOUTH WALES.																																
Cardigan																																
Aberporth ...	21-9	133	8.7	4.4	6.5	-1.7	12.4	17	-0.7	1	-	-	67	105	10	20	19	13	2	1	0	4	0	0	2	4	3	5	4.51	-	-	
Gogerddan ...	99	31	9.6	3.6	6.6	-	13.9	16	-2.2	8,11	-	-	111	192	20	15	23	18	2	0	0	1	0	0	7	10	-	0	4.78	-	-	
Swyddffynnon ...	99	165	9.1	2.6	5.9	-	12.8	17,21	-3.3	8	-	-	154	198	28	20	16	16	-	1	-	-	-	0	9	15	-	-	4.64	-	-	
Trawscoed ...	99	61	(9.7)	-	-	-	13.3	18	-	-	(7.4)	-	131	182	25	20	19	17	-	1	-	-	0	-	14	-	-	-	3.73	-	-	
Llety-evan-hen ...	99	290	7.5	2.3	4.9	-	11.1	16	-2.8	1,2	-	-	170	198	29	15	24	20	7	2	0	1	0	5	7	15	-	0	4.03	83	-	
Cwmystwyth ...	99	301	(7.8)	(1.4)	(4.6)	-	11.1	17	-4.4	11	-	-	223	-	32	20	23	22	-	2	-	-	-	13	16	-	-	-	-	-	-	
Pembroke																																
Dale Fort ...	99	33	9.8	5.1	7.5	-	11.7	17,18	0.0	1	8.4	-	51	-	11	11	14	11	1	1	0	2	1	1	0	7	-	2	5.41	-	-	
Milford Haven C.B.*	21-9	37	9.8	4.8	7.3	-	12.2	30	-1.0	1	-	-	73	-	14	15	21	13	2	1	1	0	3	1	1	9	4	0	-	-	-	
Orielton ...	99	61	-	-	-	-	-	-	-	-	-	-	65	-	15	15	17	10	-	0	-	-	-	-	-	-	-	-	-	-	-	
Haverfordwest ...	99	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Carmarthen																																
Carmarthen ...	99	15	10.6	3.1	6.9	-	13.9	30	-3.3	8	7.8	-	101	-	21	15	27	15	2	2	5	1	0	0	9	14	-	2	4.57	-	-	
Brynamman ...	21-9	183	9.2	2.8	6.0	-	13.9	30	-3.0	2	-	-	141	-	25	20	28	21	5	-	3	3	0	1	7	13	-	0	-	-	-	
Radnor																																
Cenarth Mill ...	21-9	282	8.4	2.0	5.2	-	13.6	17	-4.5	11	-	-	112	-	16	20	24	20	-	1	-	-	-	5	9	15	-	-	-	-	-	
Llandrindod Wells	99	235	9.9	1.7	5.8	-2.0	13.9	18,21	-4.4	11	6.8	-	83	124	13	24	22	17	6	2	5	0	0	0	11	-	-	0	3.72	75	S	
Brecknock																																
Llwynon ...	99	262	8.7	1.9	5.3	-	11.7	18	-3.3	9,11	-	-	185	-	27	20	27	24	-	-	-	-	3	9	-	-	-	-	-	-	-	
Glamorgan																																
Mumbles ...	21-9	37	9.3	4.0	6.7	-	12.0	4	-0.8	1	-	-	-	-	-	-	-	-	3	0	0	1	0	1	3	9	4	1	-	-	-	
Penmaen ...	99	82	9.7	3.9	6.8	-	13.3	30	-1.1	1,8,9	8.0	7.8	84	-	21	20	21	12	4	1	0	5	0	3	4	10	-	0	-	-	-	
Swansea ...	99	8	10.4	4.5	7.5	-2.0	13.9	30	-0.6	1	8.3	8.7	89	146	17	20	22	15	2	-	0	1	0	0	1	-	-	-	-	-	S	
Port Talbot ...	99	7	10.7	4.5	7.6	-	14.4	15	-1.7	2	-	-	73	118	16	20	22	15	4	0	2	0	0	0	2	9	-	-	4.30	-	S	
Neath ...	99	62	10.1	3.8	6.9	-	13.9	30	-0.6	9	-	-	94	127	21	20	24	15	2	0	1	0	0	1	14	-	-	-	-	-	-	
Rhoose ...	21-9	67	10.4	3.3	6.9	-	14.7	15	-2.9	2	-	-	61	107	15	20	20	15	6	0	7	0	0	0	7	-	-	0	4.18	72	-	
Cardiff ...	99	62	10.8	3.8	7.3	-1.8	15.0	15	-1.1	2,11	7.4	7.2	77	119	14	11	19	13	4	-	0	0	0	1	3	-	-	-	3.70	-	S	
Monmouth																																
Tredegar ...	99	313	8.3	2.1	5.2	-	12.2	30	-3.3	2,11	-	-	118	118	23	20	27	18	8	1	0	0	0	6	10	17	-	3	-	-	S	
Newport ...	99	23	11.1	3.5	7.3	-1.9	14.4	29	-1.7	2,9,11	-	-	67	107	11	11	18	15	2	0	0	1	0	0	6	14	-	0	4.22	-	-	
Usk ...	99	21	(10.7)	(2.6)	(6.7)	-	14.4	15	-5.0	9	(7.4)	-	48	75	11	22	15	12	-	1	-	-	-	9	17	-	-	3.45	-	-		
Crumbland ...	99	245	9.3	2.2	5.7	-	12.8	30	-2.8	2	6.3	6.2	55	85	9	22	23	16	4	1	0	0	0	5	9	17	-	0	4.23	-	-	
8b. ENGLAND, S.W.																																
Somerset																																
Hawkrigde ...	99	314	8.5	2.6	5.5	-	12.2	15,16	-5.0	11	-	-	133	139	37	20	26	17	6	-	1	0	0	2	5	14	-	0	4.58	-	-	
Nettlecombe ...	99	96	11.2	3.6	7.4	-	16.1	15	-3.3	11	8.6	-	52	-	9	20	21	10	2	0	0	1	0	0	7	15	-	0	-	-	-	
Cannington ...	99	29	11.0	4.3	7.7	-	15.0	17	-2.8	11	8.7	-	54	109	10	24	22	12	0	-	0	0	0	0	1	10	-	-	0	4.54	79	
Weston-super-Mare	99	9	11.0	5.0	8.0	-1.3	15.0	15	-0.6	11	-	-	59	114	15	20	19	14	3	0	0	1	1	0	1	8	-	0	4.56	81	-	
Cricket Malherbie	99	76	(11.4)	(3.7)	(7.5)	-	15.0	18	-2.2	11	-	-	52	-	8	20	27	11	3	-	0	0	0	0	6	11	-	-	-	-	-	
Cheddar ...	99	11	(11.4)	(3.5)	(7.5)	-	15.6	15,23	-3.3	11	(8.1)	-	73	-	20	20	20	18	-	0	-	-	-	-	6	14	-	-	-	-	-	
Yeovilton ...	21-9	18	11.2	2.8	7.0	-	15.1	18	-6.4	10	-	-	46	-	10	25	21	12	2	0	1	0	0	0	10	13	11	1	-	-	-	
Rodney Stoke ...	99	40	10.7	3.3	7.0	-	15.0	15	-1.7	9,11	7.8	7.4	72	-	19	20	24	15	-	0	-	-	-	3	7	17	-	-	-	-	-	
Long Ashton ...	99	49	10.9	3.7	7.3	-1.6	16.7	15	-1.7	2,9,11	8.3	-	57	101	13	24	20	15	5	0	1	2	0	0	7	15	-	0	4.07	75	-	
West Camel ...	99	27	11.6	2.5	7.1	-	16.1	18	-5.6	2,9	-	-	47	-	9	20	24	13	3	0	4	0	0	0	11	16	-	0	-	-	-	
Wincanton ...	99	114	10.7	2.3	6.5	-	14.4	18	-5.6	9	-	-	62	-	12	20	22	14	4	1	0	1	0	0	8	11	-	0	-	-	-	
Bath C.B.S.**	99	118	10.9	3.5	7.2	-	16.0	15,16	-1.7	9	7.9	-	45	85																		

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

APRIL,

1970

DISTRICT, COUNTY AND PLACE	Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days										BRIGHT SUNSHINE						
				MEANS OF		Daily Mean (mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1931-60 average	Most in a DAY Amount (mm.)	Date	Precip'n		Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure
				Max. (A)	Min. (B)			Maximum	Date	Minimum	Date	0.2 mm or more	1.0 mm or more																			
9. NORTHERN IRELAND																																
Londonderry																																
Loughmore Forest	99	174	8.4	1.6	5.0	-	14.1	30	-5.8	13	-	-	121	-	16	21	29	24	7	2	5	1	0	0	11	19	-	0	-	-	-	
Ballykelly	21-9	2	10.2	4.2	7.3	-0.9	16.5	22	-3.5	13	7.8	7.0	64	109	12	21	25	17	2	0	0	12	0	0	4	8	6	0	4.56	87	-	
Banagher, Caugh Hill			9.1	1.9	5.5	-	13.6	30	-3.4	1	-	-	105	-	13	5	28	21	11	1	1	0	0	0	10	17	-	1	-	-	-	
Derrynoyd Forest	99	88	10.5	2.7	6.6	-	15.5	17	-2.0	13	-	-	101	-	15	21	28	20	2	2	1	1	0	0	8	20	-	-	-	-	-	
Somerset Forest	99	43	10.5	2.8	6.7	-	16.1	15	-2.6	13	-	-	75	-	13	5	26	17	0	0	1	0	1	0	6	13	-	-	-	-	-	
Coleraine Univ....	99	23	9.8	3.6	6.7	-	16.1	22	-3.3	13	7.1	6.4	71	-	11	21	26	19	2	0	2	2	0	0	4	12	-	0	4.74	-	-	
Garvagh Forest	99	88	9.8	2.5	6.1	-	15.6	15,22	-2.8	11	7.2	6.6	102	-	18	5	28	20	5	0	5	0	0	0	7	15	-	-	-	-	-	
Moneydig	21-9	34	10.5	3.1	6.8	-1.1	16.5	22	-2.7	11	7.2	-	69	101	12	5	25	17	5	1	10	1	1	0	7	16	8	0	-	-	-	
Antrim																																
Portrush Golf Club	99	9																														
Ballymoney	99	55	10.1	2.2	6.1	-	15.5	16	-2.9	13	-	-	75	-	10	5	26	20	5	-	2	3	0	0	9	-	-	-	-	-	-	-
Lisnafillan	99	38	10.2	1.9	6.1	-	15.0	15,17,30	-2.8	27	-	-	71	-	9	21	26	21	2	1	0	0	0	0	10	14	-	-	5.37	-	-	
Aldergrove	21-9	68	10.1	3.0	6.5	-1.4	15.5	17	-2.0	8	6.7	6.6	83	136	11	5	21	18	5	1	7	0	1	0	9	15	12	0	4.82	97	-	
Greenmount	99	32	10.9	1.3	6.1	-	15.6	17,22,30	-4.4	8,9	7.1	-	79	-	10	5	22	20	1	0	1	0	0	-	11	17	-	-	-	-	-	
Altnahinch	99	226	7.9	1.7	4.8	-	13.3	15,17	-2.2	2	-	-	118	-	14	5	28	20	8	2	2	3	1	1	9	21	-	7	4.36	-	-	
Parkmore Forest	99	235	8.1	1.7	4.9	-	13.3	15	-1.7	1,2	5.2	-	135	137	24	5	26	21	5	1	2	0	1	0	10	19	-	0	-	-	-	
Black Mountain	21-9	295	8.0	1.4	4.7	-	13.0	30	-2.6	1	-	-	113	-	15	17	19	18	9	4	2	0	0	4	12	-	1	-	-	-	-	
Lowtown	99	271	8.0	1.1	4.5	-	12.8	16,17	-2.8	1	4.9	-	136	-	17	5	25	19	6	4	0	0	0	4	12	19	-	0	4.54	-	-	
Ballypatrick Forest	99	152	8.8	2.4	5.6	-	15.0	22	-2.0	13	-	-	73	96	13	5	23	18	4	0	0	1	0	0	4	12	-	6	4.23	80	-	
Belfast, Malone*	99	35	10.4	2.9	6.7	-	15.0	15,16,17	-1.1	11	6.9	-	104	-	16	5	19	15	1	-	0	0	0	1	2	14	-	-	4.67	-	-	
Newtownabbey	99	32	10.7	4.0	7.3	-	15.6	15,16,30	-0.6	1	7.6	-	93	-	14	5	22	15	6	1	2	1	1	0	1	12	-	0	5.01	-	S	
Woodburn, North	99	217	8.8	1.9	5.3	-	13.9	17,30	-1.7	1,2,11	-	-	108	138	15	12	22	17	4	3	1	1	0	4	7	17	-	-	-	-	-	
Larne	99	43	11.0	3.3	7.1	-	15.9	17	0.1	20	-	-	78	115	12	5	22	15	6	1	1	1	0	0	0	-	-	-	-	-	-	
Kilroot	99	22	10.2	2.8	6.5	-	15.0	15	-1.1	2	-	-	88	-	16	12	19	17	2	1	0	0	0	0	4	14	-	-	-	-	-	
Ballylumford	99	24	10.3	3.8	7.1	-	15.0	15,17	0.6	2,11,12	-	-	71	-	9	10	21	16	0	-	0	0	0	-	0	2	-	-	-	-	-	
Down																																
Hillsborough	99	116	9.2	2.6	5.9	-1.7	15.0	17	-1.7	1,8,13	6.6	6.2	77	137	12	17	22	17	4	1	0	0	0	1	8	18	-	1	4.37	96	-	
Kilkeel	21-9	18	10.0	3.8	6.9	-1.2	14.0	15	-0.6	1	-	-	92	-	23	12	22	16	3	0	3	0	0	0	1	15	7	0	5.00	-	-	
Tollymore Park	99	76	10.4	3.0	6.7	-	15.6	17	-1.7	8,9	-	-	72	86	15	12	25	17	0	0	1	0	0	0	6	11	-	-	-	-	-	
Rosetta	99	24	10.5	3.2	6.9	-	15.6	15,16,30	-0.6	1,2,12	-	-	99	-	14	5	21	16	0	0	0	0	0	0	4	-	-	-	-	-	-	
Murlough	99	9	11.1	2.6	6.9	-	16.7	22	-2.2	8	6.8	6.3	64	-	17	12	20	16	4	0	0	2	0	0	5	17	-	0	4.78	-	-	
Stormont Castle	99	56	10.8	3.2	7.0	-	16.1	17,22	-0.6	1,2	7.6	6.8	90	152	22	12	19	16	3	1	1	5	0	2	3	15	-	0	4.79	-	-	
Downpatrick	99	26	10.7	2.8	6.7	-	15.0	15,22	-0.6	1,2,8	-	-	73	-	19	12	20	15	-	-	-	-	1	3	14	-	-	-	-	-	-	
Creighton's Green	99	119	9.4	3.2	6.3	-	14.4	17	-1.1	11	-	-	80	-	11	12	20	15	3	1	3	0	1	0	3	15	-	0	-	-	-	
Reagh Island**	99	12	11.0	3.7	7.3	-	15.0	17	0.0	11	-	-	53	-	8	12	18	15	-	-	-	-	0	0	10	-	-	5.24	-	-	-	
Helen's Bay	99	43	10.8	3.9	7.3	-	16.1	15	0.6	1,2,11	-	-	69	-	12	12	18	14	2	0	0	3	1	1	0	13	-	0	5.07	-	-	
Killough	21-9	15	9.4	3.5	6.5	-	12.8	5	-0.6	2	-	-	65	-	15	12	21	16	3	0	2	0	0	0	2	12	-	2	-	-	-	
Ballyhalbert	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.18	-	-	
Armagh																																
Armagh	99	62	11.2	2.7	6.9	-1.4	16.1	30	-2.8	11	8.3	7.4	67	127	11	12	24	16	3	1	8	2	0	0	9	18	-	1	4.22	88	-	
Loughgall	99	25	10.7	3.0	6.9	-	15.6	16,17,30	-2.2	11,13	-	-	57	120	8	12	24	15	3	1	0	1	0	0	8	18	-	0	5.04	-	-	
Bessbrook	-	76	-	-	-	-	-	-	-	-	-	-	74	123	16	17	23	15	-	-	-	-	-	-	-	-	-	-	4.73	97	-	
Portadown	99	16	10.7	2.9	6.8	-	16.1	30	-2.8	11	7.8	7.5	55	-	9	17	23	15	0	-	0	0	0	-	7	15	-	0	-	-	-	
Lurgan	99	55	10.8	3.0	6.9	-	16.7	30	-2.8	11	7.2	6.9	53	-	9	17	22	14	-	-	-	-	-	-	7	14	-	-	4.78	-	-	
Tyrone																																
Lough Bradan	99	169	9.2	1.3	5.3	-	13.9	17,30	-3.9	11	-	-	144	-	27	22	29	22	-	0	-	-	-	0	11	21	-	-	5.02	-	-	
Baronscourt Forest	99	88	10.1	2.5	6.3	-	14.9	30	-3.2	11	-	-	94	-	15	22	28	21	5	0	1	0	0	0	7	21	-	-	-	-	-	
Strabane Convent	99	44	10.3	3.0	6.7	-	15.5	30	-2.2	11	-	-	73	-	9	21	29	24	6	0	3	0	0	1	4	17	-	0	4.27	-	-	
Carrigans	21-9	113	10.1	2.5	6.3	-	15.2	30	-2.6	11	-	-	118	-	15	16	29	22	9	0	9	0	0	0	7	18	14	0	-	-	-	
Lislap Forest	99	209	8.7	0.5	4.6	-	13.3	17,30	-5.0	13	6.5	-	127	151	21	16	29	21	5	0	2	0	0	0	15	19	-	0	-	-	-	
Knockmany Forest	99	73	10.3	1.1	5.7	-	15.2	17,30	-4.1	11	-	-	79	123	15	21	23	18	4	0	3	2	0	0	13	21	-	-	-	-	-	
Pomeroy Forest	99	165	9.9	1.9	5.9	-	15.6	30	-2.2	1	7.2	-	82	-	11	21	27	19	7	1	3	0	0	0	9	20	-	0	-	-	-	
Cookstown	99	77	10.0	2.7	6.3	-	15.6	30	-1.7	1,8	6.9	-	60	95	8	21	25	14	2	-	0	0	0	0	7	18	-	-	4.98	-	-	
Fermanagh																																
Roscor	99	143	9.6	2.7	6.1	-	14.5	30	-2.7	11	-	-	105	146	16	21	29	21	3	2	2	0	0	0	6	15	-	-	-	-	-	
Lough Navar Forest	99	148	10.0	2.2	6.1	-	15.8	30	-3.2	11	-	-	96	-	17	21	24	19	4	0</												

*See Notes on Tables in the Introduction.

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS

APRIL,

1970

Height of Barometer above M.S.L. in metres	Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktaa)						VISIBILITY (Metres and Kilometres)								WIND SPEED AND DIRECTION															
		At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	Mean	0	1-2	3-5	6-7	8	9	0-39 m.	40-190 m.	200-390 m.	400-990 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
																									SPEED IN KNOTS												
																									8 or more	6, 7	4, 5	1-3	Calm								
																									22-23	11-21	1-10	0									
Number of Observations																																					
3. ENGLAND, E. — contd.																																					
Honington [Suffolk]																																					
51	3	1011.3	-	4.1	0.5	7.7	92	5.8	4	3	3	3	16	1	0	1	0	0	4	5	12	6	2	0	0	1	8	21	0	0	0	2	0	0	0	13	4
	9	1012.2	-3.4	6.3	1.4	7.9	81	6.7	0	1	5	11	13	0	0	0	0	0	1	6	10	8	5	0	0	0	1	15	13	1	2	1	1	0	1	10	4
	15	1012.0	-	8.8	2.5	7.8	68	6.8	0	2	3	15	10	0	0	0	0	0	1	8	9	10	2	0	0	1	18	11	0	9	1	2	0	2	7	5	
	21	1012.9	-	5.6	0.9	8.0	86	5.8	2	2	7	6	13	0	0	0	0	0	2	2	13	6	6	1	0	0	8	21	1	1	0	1	0	6	7	8	
Wattisham [Suffolk]																																					
91	3	1011.5	-	3.7	0.4	7.7	94	6.1	3	3	2	4	17	1	0	0	1	2	0	6	12	6	3	0	0	1	13	15	1	0	0	1	0	1	9	10	
	9	1012.4	-	6.0	1.1	8.0	85	6.3	0	3	6	12	9	0	0	0	0	0	1	6	11	7	3	2	0	1	18	11	0	2	1	1	1	0	10	2	
	15	1012.3	-	8.4	2.2	8.0	72	6.6	0	1	6	13	10	0	0	0	0	0	1	3	6	12	6	2	0	2	20	8	0	7	0	1	2	1	8	4	
	21	1013.1	-	5.3	0.7	8.1	89	6.0	0	5	4	8	13	0	0	0	1	0	6	10	6	7	0	0	0	0	11	19	0	4	0	1	1	6	9	4	
Aldeburgh [Suffolk]																																					
9	9	1011.9	-	-	-	-	-	5.7	0	5	4	13	8	0	0	0	0	0	1	1	11	17	0	0	0	1	10	17	2	4	2	0	1	1	7	6	
	15	1012.1	-	-	-	-	-	6.3	1	3	2	13	11	0	0	0	0	0	1	1	10	18	0	0	0	1	12	17	0	6	1	4	0	4	5	5	
	21	1012.8	-	-	-	-	-	4.2	10	2	4	3	11	0	0	0	0	0	0	1	8	21	0	0	0	0	10	19	1	1	1	2	0	2	9	9	
Wyton [Hunts]																																					
43	3	1011.5	-	4.4	0.5	7.9	91	5.4	6	2	2	6	14	0	0	0	1	1	1	4	10	13	0	0	0	0	7	22	1	2	0	1	0	1	11	8	
	9	1012.6	-	6.6	1.3	8.1	81	6.5	0	2	5	13	10	0	0	0	0	0	1	2	15	9	3	0	0	1	17	11	1	3	1	1	0	9	6		
	15	1012.2	-	9.6	2.6	8.2	67	7.0	0	0	4	15	11	0	0	0	0	0	1	7	11	11	0	0	0	0	19	10	1	7	1	1	0	2	9		
	21	1012.9	-	6.1	0.9	8.4	87	6.3	1	3	3	7	16	0	0	0	0	0	1	3	12	13	1	0	0	6	20	4	4	0	1	0	5	10	3		
Cardington [Bedford]																																					
29	3	1012.0	-	4.2	0.4	7.9	94	5.3	5	4	1	7	13	0	0	0	0	1	1	5	14	7	2	0	0	0	8	20	2	2	0	1	0	0	8	12	
	9	1013.0	-2.8	6.9	1.4	8.1	80	6.4	0	2	5	11	12	0	0	0	2	0	0	13	11	4	0	0	0	0	12	18	0	5	1	1	0	1	5	10	
	15	1012.6	-	10.0	2.9	8.0	64	7.0	0	0	2	19	9	0	0	0	0	0	2	6	13	9	0	0	0	2	17	11	0	5	4	0	1	0	9		
	21	1013.3	-	6.0	0.7	8.5	90	5.8	2	5	3	6	14	0	0	0	0	0	3	15	8	4	0	0	0	0	9	21	0	2	1	0	1	12	6		
Stansted [Essex]																																					
102	3	1011.9	-	4.1	0.4	7.8	92	5.9	5	2	1	4	17	1	0	0	1	0	8	10	9	2	0	0	0	8	16	6	1	0	1	0	1	9	5		
	9	1012.7	-3.3	6.2	1.2	7.9	82	6.2	0	2	7	10	11	0	0	0	0	0	4	11	8	6	1	0	0	17	12	1	5	0	1	1	1	8	4		
	15	1012.5	-	8.8	2.4	7.9	69	6.6	0	0	5	17	8	0	0	0	0	0	1	6	11	9	3	0	0	16	12	2	6	0	0	2	2	7	4		
	21	1013.4	-	5.6	0.9	8.1	87	5.5	3	5	2	8	12	0	0	0	0	0	4	14	7	3	2	0	0	6	19	5	3	0	0	1	4	10	5		
Shoeburyness [Essex]																																					
5	9	1012.7	-3.4	7.3	1.4	8.3	80	6.1	0	3	7	10	10	0	0	0	0	1	1	17	9	1	1	0	1	14	13	2	3	0	2	0	2	6	9		
	15	1012.6	-	9.3	2.1	8.6	72	6.5	0	0	9	9	12	0	0	0	0	1	1	11	8	7	2	0	2	20	7	1	7	0	3	2	0	7	6		
	21	1013.5	-	6.2	0.9	8.4	86	4.9	3	6	5	6	10	0	0	0	0	0	3	14	9	3	1	0	1	12	16	1	2	0	4	0	1	10	5		
Walton-on-Naze [Essex]																																					
8	3	1011.8	-	4.6	0.4	8.1	93	4.8	5	5	5	3	12	0	0	1	0	0	1	14	14	0	0	0	1	5	20	4	0	0	1	0	0	6	9		
	9	1012.6	-	7.0	1.3	8.2	81	5.9	1	1	10	5	13	0	0	1	0	2	1	13	13	0	0	0	0	0	12	16	2	4	1	0	2	1	5	10	
	15	1012.6	-	8.5	1.9	8.4	76	6.3	1	1	7	9	12	0	0	0	0	0	1	17	12	0	0	0	2	13	14	1	8	1	2	4	0	8	5		
	21	1013.3	-	6.0	0.8	8.4	88	4.7	3	7	6	4	10	0	0	0	0	0	1	10	19	0	0	0	0	0	10	16	4	5	0	2	0	3	7	6	
4. MIDLAND COUNTIES																																					
Huddersfield Oaks [Yorks. W.R.]																																					
235	3	1011.0	-	2.8	0.6	6.9	89	5.9	3	1	5	6	14	1	0	1	1	1	2	4	10	6	5	0	0	1	10	14	5	2	2	1	0	0	4	6	
	9	1012.3	-3.0	5.1	1.1	7.5	83	6.2	0	4	5	8	13	0	0	0	0	3	1	4	9	7	6	0	0	0	12	17	1	7	2	2	0	0	6	6	
	15	1012.0	-	7.6	2.1	7.5	71	6.7	0	0	4	15	11	0	0	0	0	0	3	10	8	9	0	0	0	0	15	14	1	5	2	2	0	0	3		
	21	1012.1	-	4.5	0.7	7.6	88	5.6	1	4	6	6	13	0	0	0	1	0	1	9	8	11	0	0	2	11	12	5	2	3	0	0	0	6	9		
Watnall [Nottingham]																																					
119	3	1011.6	-	3.9	0.6	7.5	91	4.9	5	4	5	4	11	1	0	0	1	1	0	3	13	10	2	0	0	0	9	17	4	4	2	1	0	1	7	3	
	9	1012.5	-3.2	6.3	1.4	7.7	78	6.3	0	1	6	13	10	0	0	0	1	3	3	8	12	3	0	0	0	0	16	13	1	6	1	1	0	1	9		
	15	1012.0	-	9.0	2.6	7.8	67	6.8	0	0	3	18	9	0	0	0	0	2	10	13	4	1	0	0	0	18	11	1	5	1	2	0	1	7	8		
	21	1012.6	-	5.6	0.8	8.2	88	6.0	2	2	4	10	12	0	0	0	0	3	3	20	4	0	0	0	0	6	23	1	4	1	2	0	1	7	10		
Finningley [Nottingham]																																					
14	3	1011.0	-	4.6	0.7	7.8	90	4.5	8	4	2	7	9	0	0	0	1	1	2	7	13	3	3	0	0	0	12	12	6	2	2	1	0	4	5		
	9	1011.7	-3.5	7.5	1.8	8.0	75	5.8	0	5	4	15	6	0	0	0	0	1	1	9	10	9	0	0	2	9	9	0	10	0	2	0	2	5	6		
	15	1011.4	-	9.8	2.9	7.9	65	6.4	0	1	6	17	5	1	0	0	1	0	0	7	11	11	0	0	1	19	9	1	11	1	2	0	0	6	3		
	21	1011.9	-	6.4	1.1	8.3	85	5.3	4	5	2	10	9	0	0	0	1	0	3	10	15	1	0	0	0	12	14	4	3	0	1	2	2	5	8		
Wittering [Northampton]																																					
67	3	1011.4	-	4.2	0.5	7.7	91	5.3	5	3	4	5	13	0	0	1	0	2	1	4	12	9	1	0	0	0	13	17	0	4	0	0	1	1	5		
	9	1012.3	-3.4	6.7	1.5	7.8	77	6.4	0	1	7	13	9	0	0	0	1	2	0	6	13	6	2	0	1	22	7	0	6	1	1	0	2	8	6		
	15	1011.9	-	9.4	2.6	8.0	66	6.4	0	1	7	13	9	0	0	0	0	2	3	7	15	3	0	1	20	9	0	5	3	1	0	2	7	7			
	21	1012.7	-	5.9	1.0	8.2	86	6.2	2	2	4	8	14	0	0	0	0	1	2	9	14	4	0	0	0	10	20	0	1	4	0	1	2	8	9		
Edgbaston [Warwick]																																					
165	9	1013.5	-2.4	5.8	1.3	7.6	81	6.3	0	1	11	8	9	1	0	0	0	1	1	3	13	8	4	0	0	0	16	14	0	3	1	1	0	2	8	0	
	15	1013.0	-	8.7	2.5	7.7	67	6.3	0	1	7	16	6	0	0	0	0	1	0	11	10	8	0	0	2	14											

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS

APRIL, 1970

Height of Barometer above M.S.L. in metres	Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)						VISIBILITY (Metres and Kilometres)										WIND SPEED AND DIRECTION													
		At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	MEAN	0	1-2	3-5	6-7	8	9	0-39 m.	40-100 m.	200-300 m.	400-500 m.	1000-1500 m.	2000-3000 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
																									SPEED IN KNOTS												
																									34 or more	22-33	11-21	1-10	0								
Number of Observations																																					
4. MIDLAND COUNTIES — contd.																																					
Little Rissington [Gloucester]																																					
229	3	1012.7	-	3.8	0.7	7.3	89	5.2	6	3	3	3	15	0	0	1	1	0	1	0	11	8	6	2	0	1	9	20	0	4	0	1	1	0	6	8	10
	9	1013.7	-2.2	5.3	1.1	7.5	82	6.8	0	0	4	14	11	1	0	1	1	0	2	2	8	6	4	6	0	0	16	14	0	4	1	2	0	1	4	10	8
	15	1013.1	-	8.5	2.5	7.5	66	6.6	0	1	5	13	10	1	0	0	1	0	1	4	9	7	8	0	0	2	14	13	1	6	0	0	0	1	6	10	6
	21	1013.9	-	5.5	1.0	7.8	84	5.5	1	7	3	7	12	0	0	0	0	0	1	2	10	6	6	5	0	0	9	20	1	1	2	1	0	1	9	4	11
5. ENGLAND, S.E.																																					
Heathrow [Greater London]																																					
26	3	1012.5	-	5.0	0.6	8.1	91	5.6	3	6	0	8	12	1	0	0	1	0	0	3	13	12	1	0	0	0	8	19	3	2	0	1	0	2	8	10	4
	9	1013.3	-2.8	7.1	1.5	8.1	79	6.1	0	4	3	14	9	0	0	0	0	0	1	4	6	14	4	1	0	0	15	15	0	8	0	1	0	1	9	7	4
	15	1013.0	-	10.1	2.6	8.4	67	6.4	0	0	7	19	4	0	0	0	0	0	0	0	7	12	11	0	0	1	21	8	0	7	2	0	1	2	6	8	4
	21	1013.9	-	7.0	1.1	8.5	83	6.1	0	4	5	9	12	0	0	0	0	0	0	0	12	14	4	0	0	1	10	17	2	2	2	0	0	2	10	8	4
Kew [Greater London]																																					
10	9	1013.8	-2.5	7.4	2.0	7.8	74	6.6	0	3	1	16	10	0	0	0	0	0	1	3	11	11	4	0	0	0	12	17	1	8	0	1	1	1	8	6	4
	15	1013.3	-	10.0	3.3	7.8	63	6.8	0	0	2	20	8	0	0	0	0	0	0	0	9	10	10	1	0	0	14	16	0	8	0	0	3	1	8	8	2
	21	1014.2	-	6.8	1.5	8.1	81	5.9	0	5	3	10	12	0	0	0	0	0	0	3	8	14	5	0	0	0	8	21	1	5	2	0	1	1	10	7	3
Gatwick [Surrey]																																					
59	3	1013.0	-	3.8	0.5	7.7	93	6.1	4	2	0	10	13	1	0	1	0	1	6	14	6	1	0	0	0	0	6	21	3	0	0	1	0	2	12	5	7
	9	1013.7	-	6.5	1.1	8.3	83	6.3	0	4	2	13	10	1	0	1	0	0	1	4	13	9	2	0	0	0	10	18	2	6	0	1	0	0	9	3	9
	15	1013.6	-	9.5	2.3	8.6	71	6.8	0	0	4	18	8	0	0	0	0	0	3	6	13	8	0	0	0	1	17	12	0	5	1	0	0	2	12	5	9
	21	1014.5	-	6.0	0.9	8.3	86	6.3	1	3	4	7	15	0	0	0	0	0	5	16	9	0	0	0	0	0	8	19	3	5	0	0	0	1	10	9	2
Dungeness [Kent]																																					
7	3	1012.7	-	4.8	0.4	8.2	93	4.8	10	0	4	1	14	1	0	0	1	0	0	13	7	9	0	1	6	2	21	0	9	1	0	0	1	2	15	2	
	9	1013.5	-	6.5	0.7	8.7	89	6.1	1	1	6	10	11	1	0	0	0	1	2	8	14	4	0	1	5	7	16	1	9	0	0	1	1	6	8	4	
	15	1013.7	-	8.4	1.3	9.1	82	6.5	1	1	4	11	11	2	0	0	0	2	1	0	7	7	13	0	0	10	12	8	0	10	0	0	2	5	12	1	
	21	1014.4	-	6.5	0.7	8.8	90	4.8	5	4	6	3	10	2	0	0	1	1	0	4	10	14	0	0	6	9	14	1	8	0	1	0	1	3	14	2	
Deal [Kent]																																					
10	3	1012.5	-	5.1	0.6	8.1	90	4.9	7	2	3	5	13	0	0	0	0	0	0	9	18	2	1	0	0	0	10	18	2	0	1	0	1	1	4	14	7
	9	1013.4	-	6.9	1.2	8.4	83	6.3	0	2	7	9	12	0	0	0	1	1	1	13	13	1	0	0	0	0	16	13	1	1	0	1	1	2	4	8	12
	15	1013.4	-	9.1	2.1	8.5	73	6.5	0	0	7	13	10	0	0	0	0	0	1	1	10	14	4	0	0	0	17	12	1	7	1	0	2	2	6	7	4
	21	1014.3	-	6.6	1.0	8.4	85	5.2	5	3	4	5	13	0	0	0	0	0	0	8	14	8	0	0	0	0	12	16	2	3	0	2	0	1	5	12	5
Manston [Kent]																																					
15	3	1011.8	-	4.9	0.6	8.0	90	5.7	4	2	3	10	11	0	0	0	0	0	0	1	6	15	8	0	0	0	12	18	0	0	0	1	0	3	11	6	9
	9	1012.6	-	6.8	1.3	8.3	82	5.8	0	3	9	10	8	0	0	0	0	0	3	1	5	14	5	2	0	4	14	11	1	0	0	0	2	0	9	7	11
	15	1012.6	-	8.9	1.9	8.6	74	6.4	1	1	5	14	9	0	0	0	0	0	1	5	9	9	6	0	2	18	10	0	4	1	0	3	0	11	4	7	
	21	1013.5	-	5.8	0.8	8.3	87	5.2	0	7	5	10	8	0	0	0	0	0	0	2	3	12	8	5	0	0	18	10	2	2	0	2	1	2	13	3	5
Thorney Island [Sussex]																																					
4	3	1013.7	-	5.1	0.6	8.2	90	5.6	4	2	4	6	13	1	0	0	0	2	1	2	11	10	4	0	0	0	10	18	2	3	2	2	0	1	6	11	3
	9	1014.5	-2.0	7.3	1.4	8.4	80	6.0	0	4	4	12	10	0	0	0	0	0	0	3	8	8	10	1	0	1	11	18	0	4	0	1	2	1	9	5	8
	15	1014.5	-	9.3	2.2	8.5	71	6.6	0	0	5	17	8	0	0	0	0	0	2	4	8	8	8	0	2	19	9	0	5	2	0	0	3	12	5	3	
	21	1015.2	-	6.9	1.2	8.4	82	5.8	0	6	4	8	12	0	0	0	0	0	3	10	12	5	0	0	1	10	19	0	4	0	1	0	2	10	9	4	
Eastbourne C.G. [Sussex]																																					
7	9	1013.6	-2.8	7.0	1.3	8.2	81	5.8	2	0	10	6	12	0	0	0	1	3	0	16	10	0	0	3	4	12	6	5	8	0	2	0	1	4	7	3	
	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	21	1014.5	-	6.6	1.1	8.3	84	5.0	5	0	10	5	10	0	0	0	0	0	0	0	12	18	0	0	2	5	5	10	8	4	0	1	0	2	5	8	2
Abingdon [Berkshire]																																					
71	3	1012.7	-	4.3	0.6	7.7	90	5.5	4	3	3	8	10	2	0	0	2	2	3	4	14	5	0	0	0	0	7	21	2	2	0	2	0	1	7	10	6
	9	1013.6	-2.6	6.7	1.5	7.8	78	6.8	0	0	4	15	10	1	0	0	2	0	4	5	12	6	1	0	0	0	13	17	0	4	0	2	1	2	6	8	7
	15	1013.1	-	9.8	2.8	7.9	64	6.3	0	1	8	12	9	0	0	0	0	0	1	5	11	8	5	0	0	0	16	14	0	3	2	0	2	2	8	7	6
	21	1013.9	-	6.3	1.1	8.1	83	5.5	1	6	2	12	9	0	0	0	0	0	3	10	10	7	0	0	0	0	9	19	2	3	1	1	0	0	11	4	8
Hurn [Hampshire]																																					
14	3	1013.6	-	4.3	0.5	7.9	92	5.2	6	3	2	5	14	0	0	0	0	1	2	10	14	3	0	0	1	9	14	6	2	0	1	0	0	8	6	7	
	9	1014.5	-1.8	7.5	1.5	8.4	79	6.0	0	1	9	12	8	0	0	0	0	0	3	7	10	9	1	0	1	15	14	0	7	1	0	2	1	7	3	9	
	15	1014.4	-	10.0	2.5	8.5	68	6.6	0	0	6	16	8	0	0	0	0	1	1	4	13	9	2	0	2	21	7	0	7	1	0	0	1	13	3	5	
	21	1015.1	-	6.5	0.9	8.5	85	5.4	2	4	6	6	12	0	0	0	0	0	3	7	14	6	0	0	0	0	10	17	3	4	0	1	0	1	6	9	6
S. Farnborough [Hampshire]																																					
70	3	1013.1	-	4.2	0.5	7.8	91	5.1	6	3	2	8	11	0	0	0	2	0	5	10	9	3	1	0	0	8	18	4	0	1	1	0	1	7	10	6	
	9	1013.9	-2.4	7.0	1.4	8.2	80	6.2	0	3	5	15	7	0	0	0	1	0	0	8	7	10	4	0	2	11	16	1	4	0	1	1	1	7	5	10	
	15	1013.6	-	10.0	2.7	8.3	66	6.4	0	0	6	17	7	0	0	0	0	0	0	5	8	11	6	0	3	18	9	0	7	0	0	0	2	10	5	6	
Lynnham [Wiltshire]																																					
149	3	1013.3	-	4.0	0.5	7.7	91	5.4	2	6	3	7	12	0	0	1	0	1	4	9	9	6	0	0	0	8	22	0	1	0	0	1	2	12	5	9	
	9	1014.1	-2.2	6.1	1.1	8.0	83	6.9	0	1	3	15	10	1	0	1	0	0	2	8																	

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS

APRIL,

1970

Height of Barometer above M.S.L. in metres	Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktae)					VISIBILITY (Metres and Kilometres)										WIND SPEED AND DIRECTION																		
		At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	Mean	0	1-2	3-5	6-7	8	9	0-39 m.	40-190 m.	200-390 m.	400-990 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.				
																									1-2	3-4	5-6	7-8	9-10									11-16	17-20	21-24	25-32
Number of Observations																																									
7a ENGLAND, N.W.																																									
Ringway [Cheshire]																																									
84	3	1011.9	-	4.5	0.8	7.6	87	5.6	2	4	6	4	14	0	0	0	0	0	2	3	9	12	4	0	0	0	11	15	4	1	1	2	0	10	2	2	8				
	9	1012.7	-2.5	6.5	1.6	7.5	75	5.7	1	5	4	11	9	0	0	0	0	0	2	5	10	12	1	0	0	0	16	14	0	4	0	1	1	4	5	7	8				
	15	1012.3	-	8.6	2.6	7.5	66	6.8	0	0	3	20	7	0	0	0	0	0	2	5	10	12	1	0	0	0	16	14	0	4	0	1	1	4	5	7	8				
	21	1012.6	-	6.2	1.1	8.0	84	5.8	0	4	8	8	10	0	0	0	0	0	2	7	15	6	2	0	0	0	11	14	5	3	1	2	0	4	8	6	7				
7b NORTH WALES																																									
Valley [Anglesey]																																									
11	3	1012.4	-	5.7	0.8	8.1	87	5.3	2	5	7	4	10	2	0	0	0	2	0	1	5	7	12	3	0	9	10	9	2	7	4	0	1	4	4	5	3				
	9	1013.2	-2.0	7.1	1.3	8.4	82	6.1	0	2	10	8	9	1	0	0	1	0	5	2	6	10	6	1	5	22	2	0	6	0	1	0	8	4	4	7					
	15	1013.1	-	8.3	1.7	8.5	77	5.6	0	5	8	7	9	1	0	0	1	0	2	3	5	10	9	0	8	18	4	0	6	1	0	0	7	6	3	7					
	21	1013.1	-	6.6	0.9	8.5	86	5.9	0	5	4	10	9	2	0	0	0	2	0	2	3	9	10	4	0	8	14	6	2	6	1	2	1	7	3	4					
Bardsey Island [Caernarvon]																																									
19	3	1012.5	-	6.4	0.6	8.8	91	5.6	1	3	10	2	11	3	0	1	0	2	0	0	5	15	5	2	0	8	12	9	1	10	0	0	1	3	7	2					
	9	1013.5	-	6.7	0.6	9.0	91	6.6	0	1	4	12	12	1	0	0	1	0	0	6	7	13	3	0	4	17	8	1	10	0	1	0	3	7	3	5					
	15	1013.5	-	8.1	0.9	9.4	87	6.0	0	1	12	6	10	1	0	1	0	0	0	4	5	10	10	0	4	15	9	2	9	0	0	1	2	9	2	5					
	21	1013.5	-	7.0	0.6	9.2	91	5.9	0	3	9	3	12	3	0	1	0	2	0	0	5	9	11	2	0	2	15	13	0	9	0	3	0	2	7	4					
8a SOUTH WALES																																									
Aberporth [Cardigan]																																									
134	3	1013.0	-	5.6	0.8	8.1	88	5.7	3	4	2	7	13	1	0	0	0	1	0	1	4	14	6	4	0	10	15	5	0	7	0	0	2	4	6	3					
	9	1013.9	-1.7	6.5	1.1	8.2	83	6.7	0	2	3	16	9	0	0	0	0	1	0	9	10	6	4	0	9	16	5	0	7	0	0	1	5	4	6	7					
	15	1014.1	-	7.5	1.4	8.4	79	5.6	0	6	4	12	7	1	0	1	0	1	2	3	8	9	5	0	10	14	5	1	5	0	0	1	3	2	10	8					
	21	1014.1	-	6.3	1.0	8.3	85	5.7	2	6	0	10	12	0	0	0	0	2	2	6	9	5	6	0	7	16	6	1	7	0	0	1	5	8	4						
Milford Haven C.B. [Pembroke]																																									
39	3	1014.0	-	6.1	0.8	8.4	87	4.9	4	5	5	4	11	1	0	1	0	0	1	12	13	3	0	0	4	10	13	3	4	0	2	1	1	7	0	12					
	9	1014.9	-1.1	7.4	1.3	8.5	81	6.5	0	0	9	11	9	1	1	0	0	1	0	2	8	11	7	0	0	0	15	14	1	8	1	1	2	1	5	6					
	15	1014.9	-	9.0	2.0	8.6	74	6.0	0	0	13	5	9	3	0	0	1	2	1	0	7	12	7	0	0	1	15	14	0	5	0	0	1	5	2	9					
	21	1015.1	-	6.8	0.9	8.7	87	5.3	3	3	8	1	12	3	0	1	0	2	0	1	8	11	7	0	0	1	10	17	2	4	0	0	1	2	9	4					
Brynamman [Carmarthen]																																									
9	3	1013.5	-	5.8	0.7	8.5	90	6.3	0	1	7	13	8	1	0	0	1	0	2	5	11	5	6	0	0	0	5	21	4	3	3	1	1	0	1	10					
	15	1014.1	-	8.0	1.3	9.0	83	6.6	0	0	9	9	12	0	0	0	1	0	1	4	9	2	10	3	0	1	4	24	1	2	1	0	1	1	5	12					
	21	1014.1	-	5.4	0.4	8.6	94	5.3	1	9	2	3	13	2	0	0	1	0	6	2	2	13	6	0	0	0	5	20	5	2	3	0	1	0	3	9					
Mumbles [Glamorgan]																																									
37	3	1013.2	-	5.7	0.7	8.3	89	5.0	1	8	7	5	9	0	0	0	2	0	0	5	7	13	3	0	6	7	14	3	3	2	1	0	0	7	7	7					
	9	1014.2	-	7.0	1.2	8.3	82	6.7	0	0	7	13	9	1	0	0	1	0	2	14	3	10	0	0	6	11	12	1	8	0	2	0	2	5	5	7					
	15	1014.1	-	8.3	1.9	8.2	75	6.4	0	0	10	9	10	1	1	0	0	1	2	7	7	10	2	0	5	18	6	1	6	0	0	1	1	4	13	4					
	21	1014.5	-	6.7	1.2	8.3	83	5.1	2	7	6	1	12	2	0	0	1	0	3	4	9	10	2	0	2	10	16	2	3	0	1	0	0	5	14	5					
Rhose [Glamorgan]																																									
69	3	1013.5	-	4.7	0.5	8.1	91	5.3	3	7	3	1	15	1	0	1	0	0	1	7	11	9	1	0	1	9	16	4	3	0	1	0	1	6	7	8					
	9	1014.4	-1.9	7.0	1.2	8.3	81	6.4	0	1	6	17	6	0	0	0	0	0	4	7	8	10	1	0	1	12	16	1	6	0	3	1	0	4	8	7					
	15	1014.1	-	8.9	1.9	8.6	75	6.5	0	2	4	15	9	0	0	0	0	1	0	4	14	6	5	0	1	20	8	1	1	1	1	1	1	2	15	7					
	21	1014.8	-	6.0	0.8	8.4	87	5.6	1	5	5	6	12	1	0	0	1	1	2	6	11	5	4	0	1	11	15	3	1	0	0	1	1	3	13	8					
8b ENGLAND, S.W.																																									
Yeovilton [Somerset]																																									
23	3	1014.1	-	4.4	0.7	7.7	88	5.3	3	4	4	9	10	0	0	0	0	2	0	9	14	5	0	0	1	11	8	9	0	0	1	0	2	8	8						
	9	1014.8	-	7.9	1.8	8.2	75	6.2	0	0	9	13	8	0	0	0	0	0	2	22	6	0	0	0	3	14	11	2	4	0	0	1	3	3	9						
	15	1014.8	-	10.3	2.8	8.2	64	6.4	0	0	7	17	6	0	0	0	0	1	0	14	12	3	0	0	7	20	3	0	2	0	0	1	4	5	10						
	21	1015.3	-	6.9	1.2	8.3	81	5.9	0	4	6	8	12	0	0	0	0	1	3	16	9	0	1	0	2	11	13	4	1	1	0	1	3	3	12						
Portland Bill [Dorset]																																									
54	3	1013.5	-	6.1	0.6	8.7	91	5.3	7	1	4	5	12	1	0	0	0	0	0	11	9	9	0	1	6	13	9	1	5	0	1	1	0	7	5						
	9	1014.5	-	7.0	0.8	8.9	88	5.7	0	3	10	5	9	3	0	3	1	0	0	1	8	6	11	0	0	5	14	11	0	8	0	0	2	5	7						
	15	1014.6	-	8.3	1.3	9.1	83	6.2	0	1	7	15	5	2	1	1	0	0	3	8	3	13	1	0	5	19	6	0	4	0	0	1	2	5	13						
	21	1014.9	-	6.9	0.7	8.9	88	5.0	6	3	5	4	10	2	0	0	0	0	1	11	5	11	0	0	6	18	6	0	6	0	0	1	0	5	10						
Hartland Point [Devon]																																									
93	3	1013.4	-	6.5	0.6	8.9	90	5.4	0	7	6	7	10	0	0	0	1	0	1	5	9	14	0	2	7	13	8	0	5	1	0	1	2	4	7						
	9	1014.5	-	6.9	0.9	8.9	87	6.2	0	1	6	14	7	2	0	2	0	0	0	9	8	11	0	0	6	16	8	0	10	0	0	2	6	6	6						
	15	1014.6	-	7.6	1.1	9.0	85	5.8	0	5	7	5	11	2	1	1	0	1	1	6	9	9	1	1	8	13	8	0	7	1	0	0	4	11	7						
	21	1014.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
Mount Batten [Devon]																																									
30	3	1015.1	-	6.0	0.4	8.9	93	5.7	2	3	5	6	12	2	0	1	1	0	0	2	9	15	2	0	0	4	8	15	3	6	2	1	0	1	6	4					
	9	1015.8	-0.7	7.6	0.9	9.1	86	6.6	0	0	7	14	7	2	0	1	0	0	14	6	8	0	0	1	17	12	0	11	0	0	2	0	7	7	3						
	15	1015.8	-	9.3	1.8	9.1	77	6.6	0	2	17	8	1	0	0	0	3	0	1	6	5	9	6	0	5	19	6	0	8	0	0	1	1	8	5						
	21	1016.6	-	7.1	0.8	9.1	88	5.3	3	5	5	4	12	1	0	0	1	0	1	2	8	15	3	0	0	3	12	15	0	8	0	1	1	0	6	8					
Chivenor [Devon]																																									
7	3																																								

TABLE II—ADDITIONS APRIL, 1970.

DISTRICT COUNTY AND PLACE			HEIGHT OF VANE IN METRES			DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED										Mean Hourly Wind Speed in knots	HIGHEST VELOCITIES					
			Above Mean Sea Level	Above ground	Effective Height	34 Knots or more (Gale force)		22 to 33 knots		11 to 21 knots	4 to 10 knots	Less than 4 knots	No Record	HIGHEST HOURLY WIND			HIGHEST GUST					
						Dates of Occurrence	Duration (hr)	No. of days	Duration in Hours						Veer from N		Speed in knots	Hour ended at day hour	Veer from N	Speed in knots	Day and Time	
0	Inverness	Dalcross	19	10	10	-	0	5	15	371	240	94	0	10.7	220	26	22 14	250	45	23 1320		
4	Notts	Watnall	130	13	10	-	0	0	0	269	361	90	0	8.8	030	20	13 04	230	37	22 1450		
7b	Merioneth	Trawsfynydd	194	10	10	22	3	7	50	252	317	98	0	10.6	210	36	22 18	200	49	22 1520		
9	Londonderry	Coleraine Univ.	23	10	10	-	0	4	13	414	198	95	0	11.4	360	24	1 01	360	42	1 0150		

TABLE III—ADDITIONS AND CORRECTIONS

YEAR	MONTH	STATION	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days												BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
					MEANS OF		Daily Mean (mean of A & B)	Difference from 1931—60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1916—50 average	MOST IN A DAY		Precip'n		Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931—60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
					Max. (A)	Min. (B)			Maximum	Date	Minimum	Date					Amount (mm)	Date	0.2 mm or more	1.0 mm or more																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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Monthly Weather Report

OF THE METEOROLOGICAL OFFICE

Summary of observations compiled from returns of official stations and voluntary observers.

Volume 87 Number 5.

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May 1970 — *Drier than average in most areas*

Low pressure centred to the west of the British Isles during the first week transferred to the south of the country and a mainly southerly airflow at first became easterly during the second week. Except for a strong north-westerly airstream over all districts on the 21st, anticyclonic weather predominated in the south for the remainder of the month but weak troughs of low pressure often crossed northern districts.

Weather — Mainly changeable weather in northern areas led to a dull month but it was also warmer and, in most places, drier than average. Snow showers fell on mountain peaks in north Scotland on the 21st. Farther south, apart from an unsettled second week, the weather was mostly dry.

Wind — Except in a few exposed places in west Scotland and Northern Ireland the frequency of gales was about average. Excluding the more exposed areas gales, which were seldom widespread, occurred on 5 days in Scotland, on 2 days in Northern Ireland and on 1 day in England and in Wales. Gusts over 50 kt were reported in north Scotland on the 20th and 21st. The 21st was, in fact, very windy everywhere; gales occurred in north and east Scotland and also along the east coast of England and many gusts over 40 kt were reported over wide areas of the United Kingdom.

Temperature — In most parts of the country monthly mean temperature was 1-2 degC above average. The excess was slightly greater in a few places in Wales and the West Country but it was rather smaller over Scotland. Near the east coast of England and in Cornwall mean temperature was only just above average.

Inland areas were often warmer than average both by day and by night. Temperatures rose to over 20°C at times in Scotland during the first week and temperatures exceeded 25°C in a few places in England on the 5th. London Weather Centre had its warmest first week in May since comparable records began in 1940. Among the highest temperatures recorded during the month were the following: 26.1°C at Wisley (Surrey) and Oxford on the 5th; 24.4°C at Llandrinod Wells (Radnorshire) and 23.9°C at Banchory (Kincardineshire) on the 27th; 21.7°C at Murlough (Co. Down) on the 31st.

From the 7th to 17th easterly winds and sea fog kept day-time temperatures persistently low on the east coast of Britain, in sharp contrast to temperatures in other areas. During the last 10 days or so of the month there were some cold nights and slight ground frost occurred at times, mainly in southern England. Excluding upland stations, minima during the month included: -1.1°C at Trawscoed (Cardiganshire) on the 25th and Achantoul (Sutherland) on the 29th. -0.6°C at Kielder Castle (Northumberland) on the 13th; 1.4°C at Loughermore Forest (Co. Londonderry) on the 14th.

Rainfall — Most places had below average rainfall except in north-west Scotland where a small area in Ross and Cromarty had twice its average amount. However, rainfall over large parts of England, southern Scotland, Northern Ireland and west Wales was less than half the average amount and wide areas in the Midlands and parts of south-east Scotland and Co. Down recorded under a quarter of average rainfall. Rainfall was under 10 per cent of average in places in Lancashire and Lincolnshire.

In general it was the driest May since 1959 but some places recorded their lowest May rainfall for a considerably longer period. For example, it was the driest May at Stonyhurst (Lancashire) since 1895, at Seaforde (Co. Down) since 1896, at Bidston (Cheshire) since 1905 and at Foffany Reservoir (Co. Down) since records began in 1906. Monthly rainfall totals of less than 10 mm occurred in areas as widely separated as Co. Down, Pembrokeshire and the Essex coast, and at Bardney near Lincoln, only 3.0 mm were recorded during the month.

Much of the rainfall, such as it was, occurred in thundery outbreaks associated either with troughs of low pressure or heat thunderstorms and a number of intense local falls were recorded. Among these were the following, both in Oxfordshire: over 41 mm of rain in 2 hours at Heythrop College, near Chipping Norton, on the 11th and more than 28 mm of rain in 45 minutes at Cuxham on the 28th. There was very little rainfall in south-west England during the last fortnight.

Thunder occurred on about twice the average number of days for May in many areas. It was reported locally on 14 days in England, 12 days in Scotland, 10 days in Wales and 3 days in Northern Ireland. From the 5th to 17th thunder occurred every day somewhere in the country and damage to property and electric power installations was often reported. A number of people were injured during lightning strikes and on the 10th a boy was killed in Blackpool. Thunderstorms developed in southern and eastern England on the 28th and local flooding occurred in East Anglia.

Sunshine — Sunshine amounts were below average in Scotland and Northern Ireland and substantially so in some of these areas. In and around Glasgow it was the duller May since 1925. It was duller than average also in most of Wales and in parts of north-west and south-west England. On the other hand, large areas of England away from the coasts recorded above average amounts of sunshine but excesses were small. The first week was mainly sunny in much of England and Wales especially in the south; the total sunshine during the first seven days of the month meant the sunniest start to May at London Weather Centre since records commenced in 1929. Despite the dull month in the north, places in west Scotland had some sunny days during the period 9th to 15th. The last fortnight brought a good deal of sunshine at times to many southern districts of Britain.

Fog — Sea fog drifted over parts of south-west England during the first few days. Fog was persistent on most eastern coasts of England and Scotland from the 10th to 18th. Hill fog was extensive in many areas on the 10th and 11th, and on the 15th/16th very low cloud from the North Sea extended well inland overnight and covered the hills.

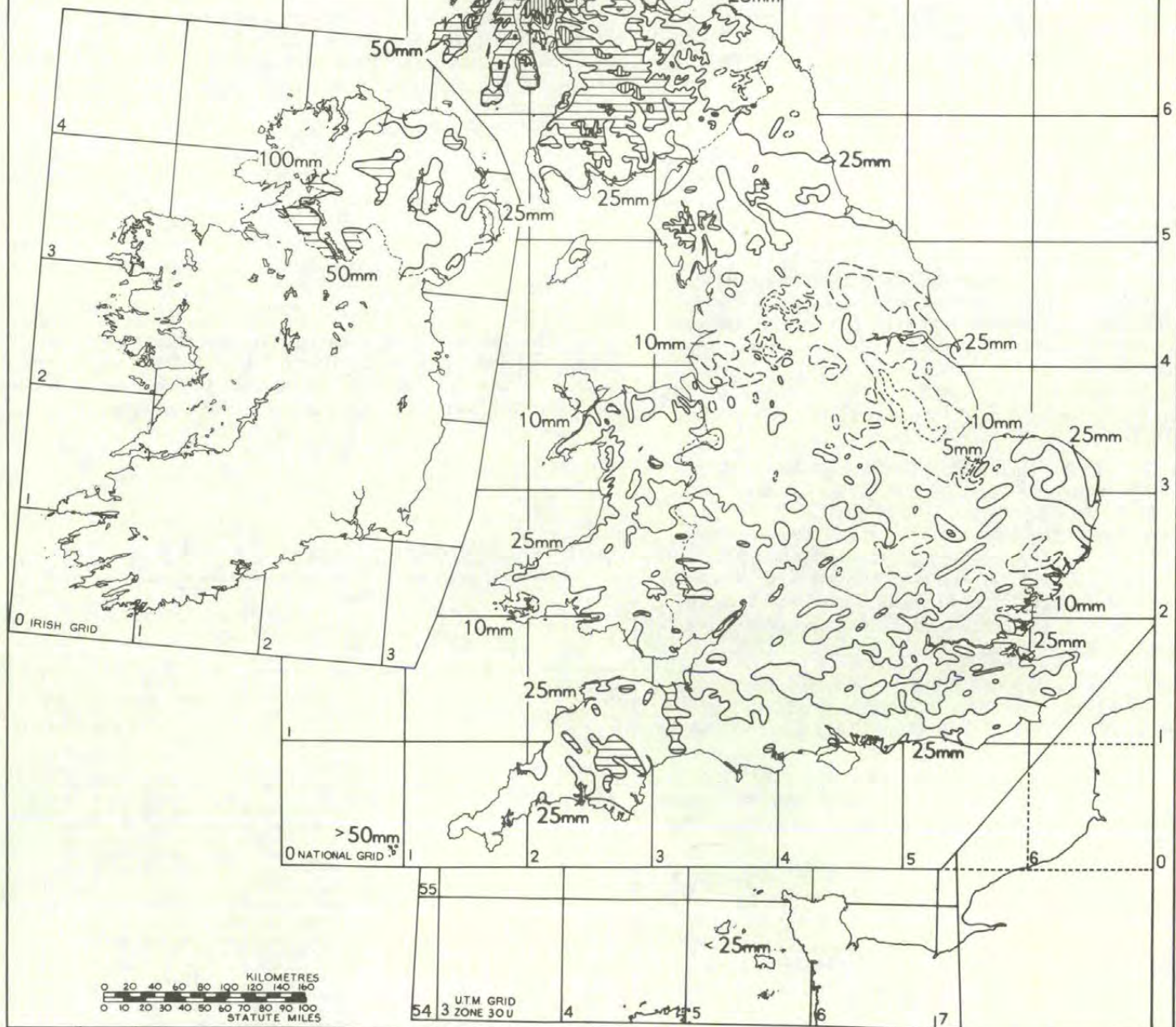
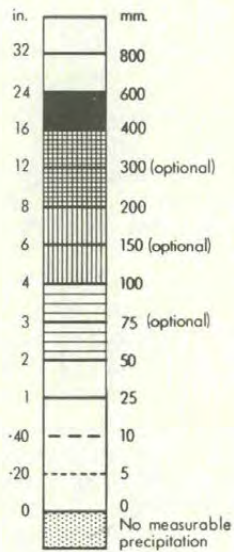
TABLE I—DISTRICT VALUES, May 1970

DISTRICTS	AIR TEMPERATURE °C					EARTH TEMP. °C		RAIN DAYS	RAIN-FALL	SUNSHINE
	*Highest Max.	*Lowest Min.	Max.	Min.	Mean	Mean 30 cm.	Mean 122 cm			
						Difference from Average				
0 SCOTLAND, N.	21.1	0.7	+0.3	+0.8	+0.8	-0.3	-0.7	0	89	64
1 SCOTLAND, E.	22.2	2.2	+0.4	+1.1	+0.8	+0.2	-0.4	-2	61	72
2 ENGLAND,N.E.	24.4	2.8	+1.1	+0.9	+1.0	+0.8	+0.1	-5	27	100
3 ENGLAND, E.	23.9	3.3	+1.5	+1.3	+1.4	+0.5	-0.2	-4	46	101
4 MIDLANDS	26.1	1.7	+1.9	+1.5	+1.7	+1.2	+0.2	-6	35	111
5 ENGLAND, S.E.	23.0	1.4	+1.4	+1.1	+1.3	+0.4	0.0	-2	55	104
6 SCOTLAND, W.	20.4	0.2	-0.1	+1.3	+0.6	+0.1	-0.4	0	63	65
7 ENGLAND, N.W and N.Wales	26.1	2.2	+1.6	+1.6	+1.6	+0.3	-0.1	-4	25	95
8 ENGLAND, S.W. and S.Wales	24.4	4.4	+1.0	+1.1	+1.1	+0.1	-0.2	-6	59	94
N.IRELAND	20.6	2.8	+1.0	+2.0	+1.4	--	--	-3	49	64
SCOTLAND	22.2	0.2	+0.2	+1.1	+0.7	--	--	-1	87	67
ENG. and WALES	26.1	1.4	+1.4	+1.3	+1.3	--	--	-5	42	101

*Highest Max. and Lowest Min. of the District Value Stations.

RAINFALL MAY 1970

The equivalent values in inches
are given in round numbers.
The exact relation is 10in. = 254mm.



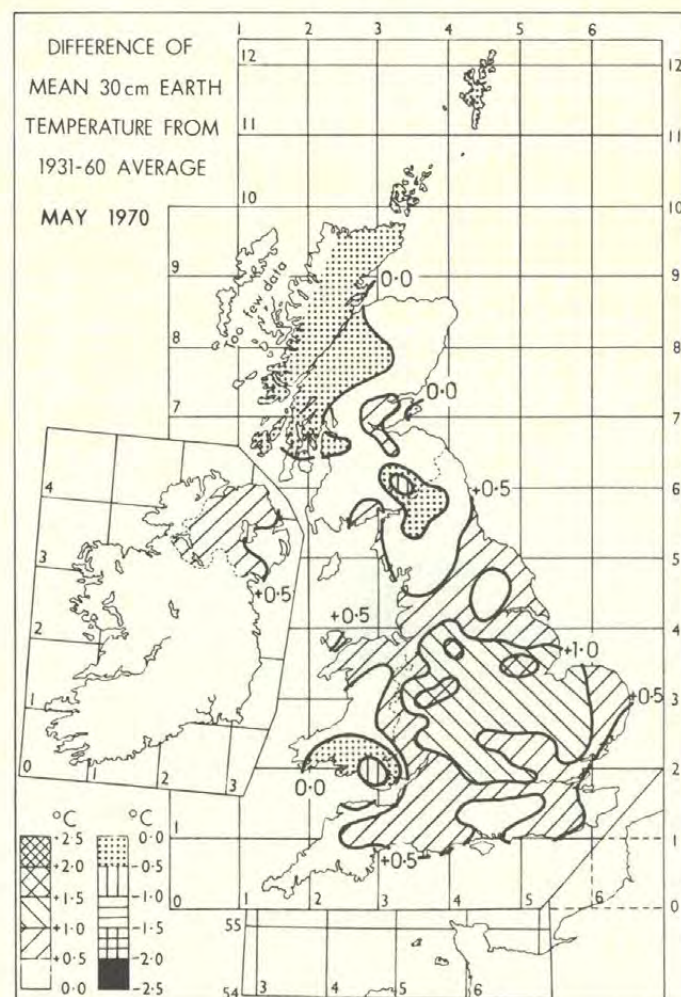
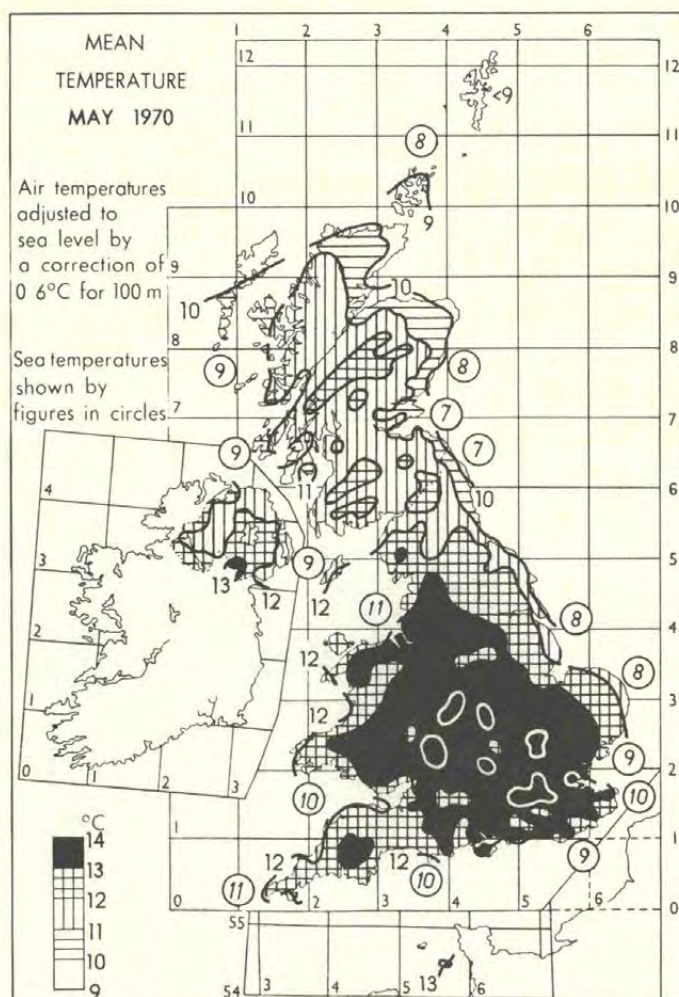
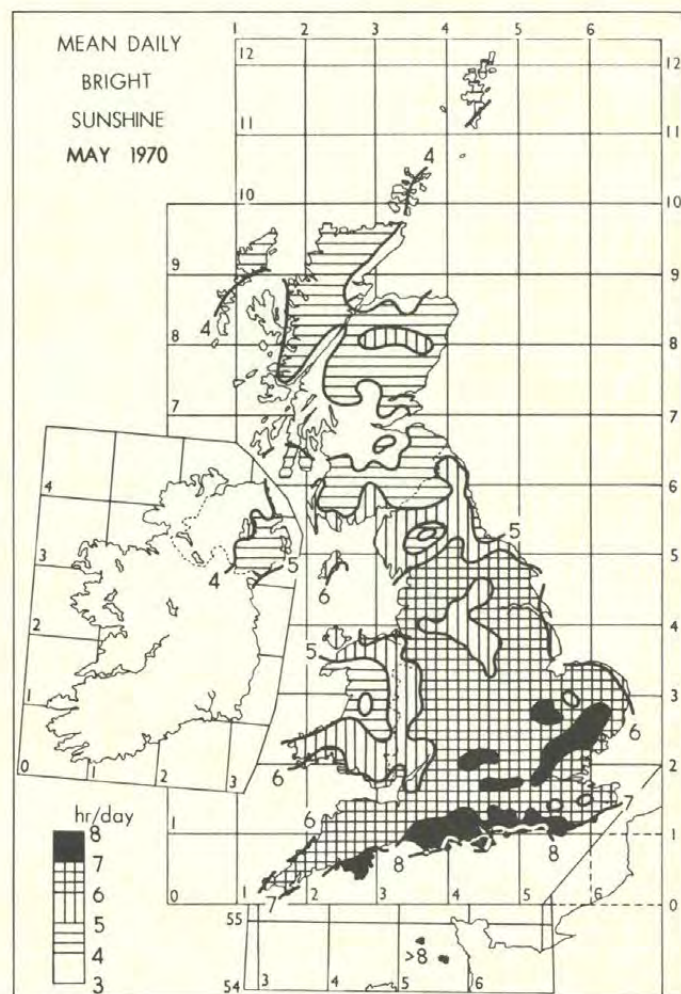
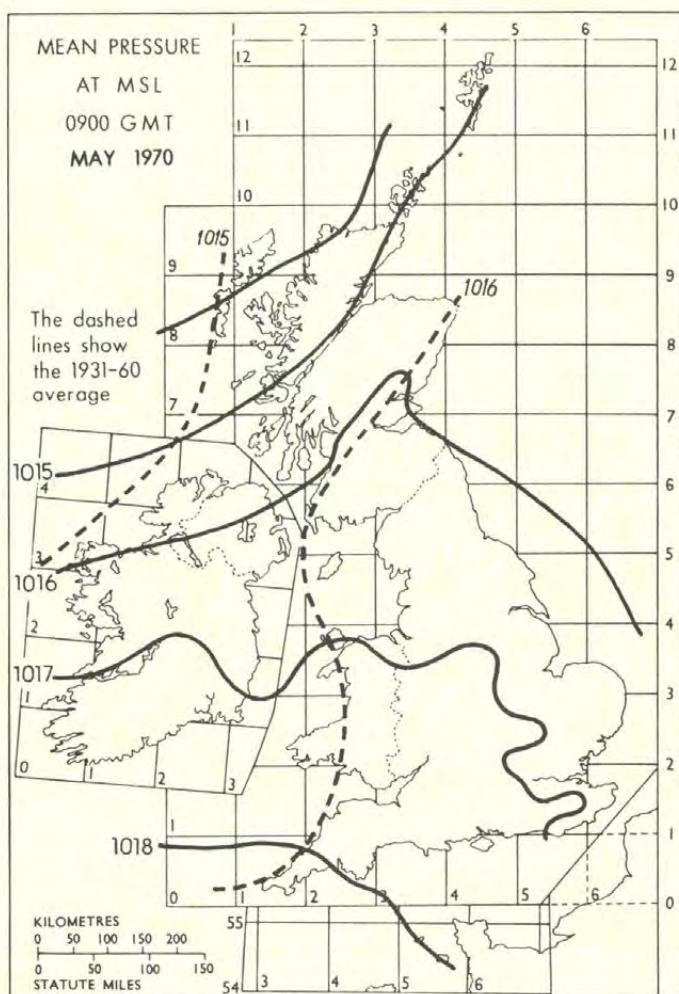


TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND—

MAY,

1970

DISTRICT COUNTY AND PLACE	HEIGHT OF VANE IN METRES			DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED										Mean Hourly Wind Speed in knots	HIGHEST VELOCITIES					
	Above Mean Sea Level	Above ground	Effective Height	34 Knots or more (Gale force)		22 to 33 knots		11 to 21 knots	4 to 10 knots	Less than 4 knots	No Record	HIGHEST HOURLY WIND			HIGHEST GUST					
				Dates of Occurrence	Dura- tion (hr)	No. of days	Duration in Hours						Veer from N		Speed in knots	Hour ended at day hour	Veer from N	Speed in knots	Day and Time	
0 SCOTLAND N.																				
Zetland Lerwick	93	10	10	-	0	9	48	341	336	19	0	11.9	230	30	18 15	220	42	18 1620		
Orkney Kirkwall	41	15	10	-	0	13	156	339	221	28	0	14.7	250	33	25 19	240	54	20 2245		
Caithness Dounreay	34	12	9	6, 7, 21	5	15	138	365	202	23	11	14.9	140	36	6 13	300	56	21 0440		
Wick	45	10	10	-	0	8	52	344	284	64	0	11.8	320	31	21 10	300	50	31 1815		
Sutherland Shin	24	10	10	-																
Ross & Stornoway (C'Gd)	37	12	11	20	5	17	182	299	179	79	0	14.7	240	39	20 14	240	50	20 1330		
Cromarty Duirinish	38	20	17	-	0	6	43	430	217	54	0	12.7	290	27	21 05	270	46	20 2345		
Inverness Benbecula	16	10	10	-	0	6	40	413	222	69	0	12.0	290	30	21 08	290	44	21 0045		
Corpach	23	15	12	-																
Fort Augustus N.S.H.E.B.	58	16	16	-	0	1	1	328	337	78	0	9.8	210	23	31 12	210	40	3 0405		
Cairngorm	1075	10	10	Ø																
1 SCOTLAND E.																				
Moray Kinloss	18	13	13	-	0	11	57	314	288	85	0	11.3	270	31	31 18	260	48	31 1705		
Lossiemouth	31	24	18	31	1	11	57	260	248	178	0	10.0	290	34	31 19	310	52	31 1810		
Aberdeen Dyce	72	10	10	-	0	4	20	239	313	172	0	8.8	320	31	21 13	320	53	21 1105		
Fraserburgh	29	13	11	-	0	4	44	262	366	72	0	10.1	-	33	31 20	-	47	21 0520		
Angus Bell Rock	39	40	38	-	0	17	140	381	151	72	0	14.5	160	32	4 24	350	42	21 1750		
Perth Rannoch	307	17	17	-	0	7	26	418	209	69	22	11.9	260	26	20 16	280	44	20 2325		
Tummel Bridge	161	16	16	-	0	1	1	176	405	155	7	7.2	280	22	31 18	290	39	21 0315		
Fife Leuchars	25	13	13	-	0	9	42	421	224	57	0	12.9	240	29	20 13	310	46	21 1245		
Midlothian Turnhouse	43	13	10	-	0	6	22	402	279	41	0	11.5	270	24	21 08	270	41	21 0745		
6a SCOTLAND, W.																				
Argyll Tiree	27	18	14	-	0	15	91	403	146	104	0	13.3	320	32	21 14	320	49	21 1155		
Machrihanish	24	13	13	-	0	9	51	389	237	87	0	12.0	090	29	10 13	090	47	10 1250		
Dunbarton Cumbernauld	166	10	10	-	0	14	90	402	189	53	10	13.4	060	29	9 14	240	46	20 1240		
Renfrew Paisley	57	25	9	-	0	2	2	345	347	50	0	10.2	260	23	20 09	260	45	20 0820		
Abbotsinch	16	10	10	-	0	3	20	375	299	50	0	11.1	240	27	20 12	290	43	21 1310		
Ayr Ardrossan	24	20		-	0	11	66	386	209	42	41	13.0	040	32	9 10	030	53	9 1005		
Hunterston	13	10	10	Ø																
Prestwick	21	10	10	-	0	4	13	292	325	114	0	9.4	070	24	9 11	070	42	9 1030		
Dumfries Eskdalemuir	259	10	10	-	0	5	30	358	281	75	0	10.9	290	32	26 16	290	50	26 1530		
Wigtown West Freugh	25	10	10	Ø																
6b ISLE OF MAN																				
Ronaldsway	25	10	10	-	0	1	9	268	358	109	0	9.0	300	28	21 17	310	42	21 1830		
Point of Ayre	20	10	10	-	0	5	29	399	262	54	0	11.7	310	28	21 17	310	40	21 1645		
2 ENGLAND, N.E.																				
Durham Durham	119	16	10	-	0	3	15	167	440	122	0	8.3	270	27	21 11	270	51	21 1005		
South Shields	22	17	13	-	0	3	10	274	334	126	0	9.4	290	24	21 10	290	42	21 0945		
Yorks N.R. Leeming	42	10	10	-	0	3	10	242	298	194	0	8.3	290	24	21 13	290	40	21 1250		
Middlesbrough	23	19	19	-	0	3	15	372	311	46	0	11.2	280	29	21 10	260	43	21 0815		
Lincoln Waddington	80	10	10	-	0	0	0	310	430	4	0	10.2	290	21	21 17	300	37	21 1050		
Cranwell	77	13	13	-	0	0	0	197	388	159	0	7.7	290	21	21 11	290	36	21 1605		
Coningsby	16	10	10	-	0	2	10	262	407	36	29	9.8	300	27	21 12	300	39	21 1105		
Binbrook	118	10	10	-	0	2	14	331	371	28	0	10.4	280	28	21 15	280	43	21 1450		
Manby	26	10	10	-	0	1	9	206	431	98	0	8.2	270	24	21 16	270	35	21 1125		
3 ENGLAND, E.																				
Norfolk Marham	29	10	10	-	0	1	7	263	388	86	0	8.7	300	23	21 14	290	38	21 1405		
West Raynham	93	17	14	Ø																
Coltishall	27	10	10	-	0	0	0	146	459	139	0	7.2	290	21	21 16	290	34	21 1420		
Suffolk Honington	60	13	13	-	0	1	7	211	447	79	0	8.5	290	24	21 15	290	36	21 1445		
Wattisham	104	16	10	-	0	1	7	257	417	63	0	8.9	290	24	21 14	290	36	21 1230		
Bedford Bedford	94	13	9	-	0	1	4	308	398	34	0	9.7	280	24	21 14	270	40	21 1140		
Cardington	69	41	41	-	0	1	6	262	439	37	0	9.2	290	25	21 13	300	38	21 0735		
Hertford Garston	94	15	10	-	0	0	0	24	490	230	0	5.3	300	15	21 18	310	30	21 1505		
Rothamsted	141	13	10	-	0	0	0	24	520	200	0	5.5	290	15	21 15	310	36	21 1615		
Essex Stansted	108	10	10	-	0	0	0	201	437	106	0	8.0	280	20	21 13	280	32	21 1245		
Shoeburyness	36	32	28	-	0	1	2	368	340	34	0	10.5	300	22	21 16	300	47	21 1535		
4 MIDLAND COUNTIES																				
Yorks W.R. Sheffield	162	25	11	-	0	1	11	314	346	73	0	9.7	280	26	21 11	280	41	21 1025		
Church Fenton	18	10	10	-	0	1	11	257	389	87	0	8.9	290	27	21 13	290	42	21 1325		
Notts Finningley	19	10	10	-	0	1	10	292	379	62	1	9.5	290	26	21 12	290	37	21 1110		
Rutland Cottesmore	143	13	13	-	0	1	10	251	413	70	0	9.1	300	25	21 17	290	41	21 1030		
N'hampton Wittering	83	10	10	-	0	0	0	209	512	23	0	8.6	310	21	21 22	320	37	21 1940		
Warwick Edgbaston	196	36	22	-	0	0	0	209	512	23	0	8.6	310	21	21 22	320	37	21 1940		
Elmdon	105	10	10	-	0	1	4	177	424	139	0	7.6	320	25	21 20	330	45	21 1705		
Oxford Brize Norton	91	13	10	-	0	0	0	221	425	98	0	8.3	300	21	21 15	350	40	21 1835		
Stafford Keele	215	15	10	-	0	0	0	75	450	219	0	5.8	300	18	21 16	300	41	21 1520		

TABLE II (continued)—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— MAY, 1970

DISTRICT COUNTY AND PLACE	HEIGHT OF VANE IN METRES			DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED										Mean Hourly Wind Speed in knots	HIGHEST VELOCITIES					
	Above Mean Sea Level	Above ground	Effective Height	34 Knots or more (Gale force)		22 to 33 knots		11 to 21 knots	4 to 10 knots	Less than 4 knots	No Record	HIGHEST HOURLY WIND			HIGHEST GUST					
				Dates of Occurrence	Duration (hr)	No. of days	Duration in Hours			Veers from N	Speed in knots	Hour ended at day hour	Veers from N		Speed in knots	Day and Time				
7a ENGLAND, N.W.																				
Cumberland Sellafield	25	12	11	-	0	1	1	129	471	143	0	7.1	290	22	21 08	290	35	21 0740		
Carlisle	41	13	9	-	0	1	1	343	311	89	0	9.9	060	22	9 18	270	33	31 1620		
Spadeadam	292	16	15	-	0	4	9	389	302	44	0	11.0	280	23	21 15	280	38	21 1455		
Westmorland Great Dun Fell ...	857	10	10	1, 8, 20, 21, 31	14	24	268	324	120	18	0	18.3	270	37	21 03	280	50	21 0545		
Moor House	597	15	14	-	0	16	109	349	186	100	0	13.0	180	32	24 11	260	48	21 0840		
Lancashire Squires Gate ...	26	16	11	-	0	2	19	323	342	80	0	10.1	290	25	21 08	310	41	21 1715		
Aigburth	38	23	11	-	0	1	10	203	396	135	0	8.1	280	27	21 11	280	43	21 1040		
Southport	19	14	11	-	0	3	26	243	291	184	0	8.6	330	28	21 19	290	44	21 0300		
Fleetwood	34	15	9	-	0	3	26	207	325	186	0	8.0	310	31	21 18	310	43	21 1700		
Speke	30	10	10	-	0	1	17	232	374	121	0	8.8	290	27	21 11	280	45	21 1105		
Cheshire Manchester/W.Centre	82	45	17	-	0	1	3	291	413	37	0	9.6	300	22	21 17	310	42	21 1610		
Bidston	80	20	12	-	0	3	28	172	431	89	24	-	270	26	21 12	280	47	21 0345		
Ringway	80	10	10	-	0	0	0	237	404	103	0	8.4	280	20	21 13	280	35	21 1220		
7b NORTH WALES																				
Anglesey Valley	26	16	12	-	0	8	60	346	273	65	0	11.7	190	28	1 16	190	39	1 1540		
8a SOUTH WALES																				
Cardigan Aberporth	135	13	11	-	0	0	0	157	343	244	0	6.4	230	17	2 13	290	28	21 1540		
Pembroke Milford Haven C.B.	47	10	10	-	0	1	13	196	312	223	0	7.5	310	27	21 08	310	41	21 0735		
Glamorgan Port Talbot	28	12	11	-	0	1	5	254	350	135	0	8.4	290	24	21 09	280	40	21 0820		
Rhoose	77	10	10	-	0	1	5	254	350	135	0	8.4	290	24	21 09	280	40	21 0820		
8b ENGLAND, S.W.																				
Dorset Portland Bill C.G.	60	13	13	-	0	1	2	251	397	94	0	8.9	280	22	21 18	110	29	14 2345		
Devon Mount Batten ...	64	13	13	-	0	1	7	186	448	103	0	7.9	310	26	21 11	310	40	21 1045		
Chivenor	19	13	10	-	0	1	1	172	411	160	0	7.1	300	22	21 11	280	31	21 1310		
Cornwall Scilly	70	20	17	-	0	0	0	82	353	309	0	5.2	280	20	21 04	290	31	21 0045		
Lizard	96	23	18	-	0	2	11	191	365	162	15	8.2	310	23	21 11	310	37	21 0420		
St. Mawgan	120	13	13	-	0	1	5	207	444	88	0	8.3	310	24	21 13	310	31	21 0915		
9 NORTHERN IRELAND																				
Londonderry Ballykelly	13	12	10	-	0	2	6	342	295	101	0	9.8	310	23	21 13	310	37	21 1320		
Antrim Aldergrove	79	10	10	-	0	1	2	371	330	41	0	10.4	330	22	21 15	330	36	21 1425		
Ballypatrick Forest	166	13	13	-	0	15	102	458	121	63	0	14.2	120	31	11 01	320	53	21 0700		
Belfast Harbour ...	21	18	18	-	0	7	27	445	234	38	0	12.1	310	30	21 16	310	44	21 1045		
Down Kilkeel	35	18	14	-	0	7	14	373	244	105	8	10.4	070	26	9 14	320	46	21 1255		
Orlock Head ...	51	16	12	-																
Portadown	26	10	10	-	0	0	0	178	464	80	22	7.8	300	17	21 13	310	34	21 1115		
Tyrone Carrigans	129	10	10	-	0	1	3	314	348	79	0	9.3	330	22	21 13	330	40	21 1300		
Fermanagh Castle Archdale Forest	80	13	13	-	0	0	0	310	343	91	0	9.1	190	21	2 23	290	37	21 0035		
CHANNEL ISLES																				
Jersey Airport ...	98	18	12	-	0	0	0	160	542	42	0	8.2	280	20	21 13	080	31	14 1420		

TABLE III
—SUMMARY OF DAILY OBSERVATIONS MAY, 1970[illegible]

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

MAY,

1970

DISTRICT, COUNTY AND PLACE	Max. Temp. br. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days										BRIGHT SUNSHINE						
			MEANS OF		Daily Mean (mean of A & B)	Difference from 1931—60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1916—50 average	MOST IN A DAY		Precip'n 0.2 mm or more 1.0 mm or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931—60 average	Exposure			
			Max. (A)	Min. (B)			Maximum	Date	Minimum	Date					Amount (mm.)	Date																	
0 SCOTLAND, N. —contd.																																	
Inverness																																	
Benbecula ...	21-9	6	12.8	7.8	10.3	+0.5	18.8	10	4.0	13	-	-	81	115	9	29	25	18	0	0	0	0	1	0	0	0	0	0	4.04	-	-		
Isle of Rhum ...	99	5																															
Prabost ...	99	67	13.7	7.2	10.5	-	19.4	10	3.3	13,22	-	-	126	132	17	24	27	20	0	0	0	0	1	1	0	2	-	2	3.65	-	-		
Duntulm ...	99	90	12.5	7.2	9.9	+0.5	18.3	7	2.8	17	-	-	80	110	10	1	25	19	0	0	1	0	1	1	0	0	0	3.75	58	-	-		
Onich ...	99	15	14.8	7.7	11.3	+0.9	21.1	11	(3.9)	17,22	-	-	121	117	19	24	23	18	-	0	-	-	0	0	0	0	-	3.36	60	8	-		
Fort William ...	99	8	15.0	7.7	11.3	-	20.0	10,12	2.8	17	10.8	9.1	101	115	19	24	24	19	0	0	0	0	3	0	0	0	-	3.93	-	-	-		
Corpach ...	99	8	15.6	7.9	11.7	-	21.7	12	3.9	17	-	-	87	-	17	24	17	16	0	0	0	0	1	0	0	2	0	-	-	-	-		
Fort Augustus ...	99	21	14.2	8.0	11.1	+1.2	19.4	4,6	3.3	31	-	-	87	-	17	13	20	16	0	0	0	0	2	0	0	0	0	3.80	-	-	-		
Inverness ...	99	4	14.2	7.2	10.7	-	21.1	4	2.2	12	-	-	53	106	11	14	15	13	0	0	0	0	1	0	0	0	-	4.46	-	-	-		
Coire Cas Shieling ...	99	762	10.8	4.5	7.7	-	17.2	27	-1.1	22	-	-	77	-	16	18	19	15	3	4	-	2	-	1	-	-	-	-	-	-	-		
Cairngorm ...	99	1090	7.2	1.8	4.5	-	14.4	27	-3.3	22	-	-	-	-	-	-	-	-	6	10	0	1	2	-	8	-	-	-	-	-	-		
Achnagoichan ...	99	305	15.0	5.8	10.4	-	20.6	27	0.0	29	8.3	-	61	102	14	28	13	12	0	0	0	3	-	0	4	-	0	-	-	-	-		
Glenmore Lodge ...	99	341	15.4	5.5	10.5	+2.6	21.0	27	-1.0	29	-	-	57	82	10	18	15	10	0	0	0	0	0	1	6	0	0	5.32	-	-	-	-	
1 SCOTLAND, E.																																	
Nairn																																	
Nairn ...	99	6	14.3	6.6	10.5	+0.7	21.7	4	2.2	29	-	-	35	69	9	20	15	12	0	0	0	0	1	1	0	0	-	0	3.76	67	-	-	
Moray																																	
Grantown-on-Spey ...	99	229	14.6	6.2	10.4	-	21.7	27	-0.6	29	-	-	59	-	13	14	17	12	0	0	0	0	3	0	1	2	-	0	-	-	-	-	
Forres ...	99	50	14.6	7.3	10.9	+0.9	21.7	4	3.3	29	10.8	8.7	48	99	11	18	15	10	0	0	0	0	3	1	0	0	-	0	4.05	70	-	-	
Kinloss ...	21-9	5	14.3	7.4	10.9	+1.2	22.0	4	2.4	29	9.4	-	37	76	9	18	17	9	0	0	0	1	2	0	0	1	0	1	3.83	-	-	-	
Elgin ...	99	15	14.3	7.1	10.7	-	22.8	4	2.8	29	-	-	40	79	9	18	13	11	-	0	-	-	1	0	0	-	-	3.90	-	-	-	-	
Lossiemouth ...	99	6	13.9	6.9	10.4	+0.8	21.1	4	2.8	29	-	-	39	83	9	18	15	9	0	0	0	0	2	1	0	0	0	1	-	-	-	-	
Gordon Castle ...	99	32	14.4	6.9	10.7	+0.6	21.1	4	3.3	29	-	-	39	74	7	18	15	12	0	0	1	0	0	-	0	-	0	3.82	67	-	-	-	
Banff																																	
Glenlivet ...	21-9	215	14.3	6.2	10.3	-	21.8	27	0.3	29	-	-	79	-	14	13	20	17	0	0	2	0	3	1	0	2	1	0	4.21	-	5	-	
Banff ...	99	24	13.6	7.1	10.3	-	20.6	18	4.4	1,14	-	-	29	-	6	29	12	9	0	0	0	0	0	0	0	-	-	1	3.90	-	-	-	
Aberdeen																																	
Braemar ...	99	339	14.4	5.2	9.8	+1.5	21.1	27	0.6	29	-	-	59	89	18	5	16	12	-	0	-	-	2	0	2	-	-	4.70	-	-	-	-	
Balmoral ...	99	283	14.6	5.2	9.9	+1.6	21.7	27	0.0	12,29	-	-	54	86	14	5	13	9	0	0	0	0	3	-	0	4	-	0	-	-	-	-	
Dinnet ...	99	177	15.6	6.0	10.8	-	22.2	27	1.1	29	9.2	-	52	-	16	16	13	10	-	0	-	-	0	0	3	-	-	5.31	-	5	-	-	
Gartly ...	99	160	14.0	5.8	9.9	-	20.6	18,27	1.1	29	-	-	43	-	8	28	21	11	-	-	-	-	0	3	-	-	-	-	-	-	-	-	
Inverurie S. Wks. ...	99	54	14.4	6.4	10.4	-	23.3	27	1.1	1	-	-	38	-	7	28	17	10	0	0	0	0	2	0	0	1	-	0	4.36	-	-	-	-
Fyvie Castle ...	99	66	14.4	6.2	10.3	-	22.8	27	1.1	1	-	-	43	68	8	7	14	14	0	0	0	0	1	-	0	1	-	1	4.52	-	-	-	-
Craibstone ...	99	91	13.3	6.1	9.7	+0.8	22.2	18	2.2	29	9.4	7.2	47	69	11	7	19	11	0	0	0	0	3	1	0	0	-	1	4.79	82	-	-	-
Dyce ...	21-9	58	13.7	6.0	9.9	+0.9	23.2	18	0.9	1	-	-	37	52	5	9	17	10	0	0	0	0	3	0	0	2	0	1	4.62	-	-	-	-
Aberdeen ...	99	52	13.3	6.4	9.9	+0.7	22.8	18	3.3	4	-	-	39	59	9	7	13	11	0	0	0	0	2	1	0	0	0	5.31	93	-	-	-	-
Fraserburgh ...	21-9	18	11.9	6.7	9.3	-	18.2	3	4.3	14	-	-	33	-	8	16	13	11	0	0	0	0	1	1	0	0	0	2	4.21	-	-	-	-
Kincardine																																	
Fettercairn ...	99	171	13.6	5.8	9.7	+1.0	20.0	27	2.2	1,13	-	-	40	52	10	28	14	10	0	0	0	0	2	4	0	3	-	0	4.35	-	-	-	-
Strachan ...	99	120	14.2	5.9	10.1	-	22.2	18	0.6	14	8.2	-	52	-	14	16	13	10	0	0	0	0	1	0	0	1	-	0	5.11	-	-	-	-
Banchory ...	99	77	14.8	6.7	10.7	-	23.9	27	2.8	1,14	-	-	50	-	13	16	13	10	0	0	0	0	3	0	0	0	-	0	-	-	-	-	-
Angus																																	
Mylnfield ...	99	30	14.3	7.1	10.7	-	19.4	27	3.9	22,29	10.1	7.3	50	86	10	5,9	12	11	0	0	0	0	1	0	0	0	-	0	4.58	-	-	-	-
Dundee ...	99	45	14.7	7.4	11.1	+1.0	21.7	26	4.4	14	11.3	-	41	62	11	9	11	9	0	0	0	0	0	3	0	3	-	0	3.85	-	-	-	-
Glamis Castle ...	99	61	14.7	6.2	10.5	-	20.6	27	2.2.																								

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

MAY,

1970

DISTRICT, COUNTY AND PLACE	Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days												BRIGHT SUNSHINE	
				MEANS OF		Daily Mean (mean of A & B)	Difference from 1911-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1916-50 average	Most in A DAY Amount (mm.)	Date	Precip'n		Snow or Sleet Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1911-60 average	Exposure
				Max. (A)	Min. (B)			Maximum	Date	Minimum	Date							0.2 mm or more	140 mm or more												
1 SCOTLAND, E. — contd.																															
Berwick — contd.																															
Marchmont ...	99	152	14.1	6.1	10.1	+0.4	21.7	27	1.1	13	-	-	18	31	7	7	9	7	0	0	0	0	1	5	0	-	0	4.66	84	S	-
Whitchester ...	99	255	13.6	5.4	9.5	-	20.6	27	-0.6	13	-	-	18	29	10	7	10	5	0	0	0	0	3	-	1	-	0	-	-	-	-
St. Abb's Head	21-9	75	12.1	6.4	9.3	-	19.5	18	2.9	14	-	-	-	-	-	-	-	-	0	0	0	0	0	4	0	0	0	-	-	-	-
Peebles																															
Stanhope Farm	99	226	14.9	6.2	10.5	-	20.6	5	0.0	13	-	-	31	43	7	20	15	9	0	0	0	0	3	0	0	4	-	0	-	-	-
Blyth Bridge ...	99	253	13.7	6.1	9.9	-	20.0	4,5	0.6	13	-	-	42	66	7	8	14	10	0	0	0	0	2	1	0	4	-	0	3.52	-	-
West Linton ...	99	244	13.8	5.7	9.7	-	20.0	5	1.7	13,17,22	9.6	7.4	48	68	14	14	19	9	0	0	0	0	1	2	0	0	-	0	-	-	-
Glentress ...	99	177	16.1	6.4	11.3	-	23.3	5	0.6	29	-	-	17	31	4	7	11	7	-	0	-	-	-	0	0	-	-	-	-	-	-
Selkirk																															
Bowhill ...	99	183	15.7	6.2	10.9	-	21.1	5,27	1.7	29	-	-	17	27	5	7	10	6	0	0	0	0	3	0	0	-	0	-	-	-	-
Galashiels ...	99	198	14.6	6.3	10.5	-	21.1	27	1.7	29	-	-	15	-	7	7	12	5	0	0	0	0	4	3	0	0	-	0	4.55	-	-
Roxburgh																															
Wauchope ...	99	171	15.4	5.9	10.7	-	21.1	27	-0.6	29	-	-	15	25	8	8	9	3	0	0	0	0	2	1	1	-	0	-	-	-	-
Kelso ...	99	34	15.5	6.8	11.1	-	23.3	27	1.7	29	-	-	8	-	3	7	9	3	0	0	0	0	1	0	0	4	-	0	4.68	-	S
Sourhope * ...	99	221	15.2	5.7	10.5	+1.6	21.1	27	-0.6	13	-	-	15	-	5	7,9	6	4	0	0	0	0	0	0	1	5	-	0	5.46	-	-
6a SCOTLAND, W.																															
Argyll																															
Tiree ¶	21-9	9	12.9	7.9	10.4	+0.3	18.0	10	5.1	16	-	-	69	106	15	1	24	17	0	0	0	0	2	0	0	0	0	0	3.29	44	-
Rhuvaal ...	21-9	20	13.1	8.2	10.7	-	15.9	11	6.0	29	-	-	75	91	12	25	23	16	0	0	0	0	0	0	0	0	0	-	-	-	-
Colonsay ...	99	30	13.4	7.9	10.7	+0.4	18.3	11	4.4	14	-	-	89	117	11	25	24	20	0	0	0	0	1	2	0	-	0	-	-	-	-
Aros ...	99	37	14.6	7.4	11.0	-	21.1	11	2.2	22	-	-	131	-	28	1	24	18	0	0	0	0	2	0	0	0	-	0	-	-	-
Craighouse ...	99	3	14.6	7.7	11.1	-	18.9	12,13	5.6	2,22,29	-	-	84	-	13	5	19	16	-	0	-	-	-	1	0	0	-	-	-	-	-
Machrihanish ...	21-9	10	14.1	8.2	11.1	-	17.5	12	4.3	14	-	-	44	-	7	20	16	12	0	0	0	0	2	1	1	0	2	0	4.56	-	-
Campbeltown ...	99	12	14.7	8.4	11.5	-	18.3	12	5.0	14	-	-	46	-	7	20	16	12	-	0	-	-	-	1	0	-	-	-	5.00	-	-
Achaglachgach ...	99	12	14.7	6.4	10.5	-	21.1	12	1.1	22,29	-	-	80	90	14	25	24	21	0	0	0	0	0	0	0	1	-	0	-	-	-
Knapdale Forest ...	99	40	14.4	7.7	11.1	-	20.6	12	3.3	29	-	-	81	-	14	25	22	16	0	0	0	0	1	0	0	1	-	0	-	-	-
Glenbranter ...	99	24	14.8	8.1	11.5	-	20.0	12	3.3	29	-	-	125	-	19	24	21	18	-	0	-	-	-	0	0	-	-	-	-	-	-
Glen Etive ...	99	24	15.7	8.4	12.1	-	22.2	12	1.7	17	-	-	169	-	35	1	24	22	0	0	0	0	3	-	0	1	-	0	-	-	-
Benmore Y.B.G. **	99	12	14.8	7.8	11.3	-	20.6	12	2.8	29	-	-	108	86	20	25	21	16	0	0	0	0	2	0	0	2	-	0	-	-	-
Bute																															
Kildonan ...	21-9	18	13.0	7.8	10.4	-	19.0	12	4.6	22	-	-	55	-	11	20	19	14	1	0	0	0	0	0	0	-	0	4	4.91	-	-
Brodick Castle ...	99	15	15.2	7.6	11.4	-	19.4	13	4.4	14,29	12.5	-	86	-	18	20	19	14	0	0	0	0	1	0	0	3	-	0	-	-	-
Rothsay ¶	99	43	13.9	7.8	10.9	+0.3	20.0	12	5.0	22,29	10.0	8.0	67	75	10	24	17	14	0	0	0	0	3	0	0	0	-	0	3.65	57	-
Dunbarton																															
Finnart ...	99	15	14.7	8.2	11.5	-	19.4	12,13	5.0	29	-	-	86	-	17	20	16	15	0	0	0	0	2	-	0	-	0	-	-	-	-
Helensburgh ...	99	89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sloy ...	21-9	12	14.5	8.3	11.4	-	18.9	12	4.0	17,29	-	-	129	-	29	20	20	17	0	0	0	0	2	0	0	-	0	-	-	-	-
Cumbernauld ...	99	94	14.6	7.2	10.9	-	20.0	4	2.2	17	-	-	47	-	15	5	17	11	0	0	0	0	1	0	0	3	-	0	-	-	-
Stirling																															
Earl's Hill ...	21-9	335	12.1	5.7	8.9	-	18.2	4	0.4	22	-	-	60	-	21	5	14	11	0	0	0	0	1	6	0	3	1	9	3.53	-	-
Stirling Batterflats ...	99	38	15.6	7.5	11.5	-	20.6	4	2.2	17	11.6	9.2	45	-	21	5	11	7	0	0	0	0	2	0	0	3	-	0	3.71	-	-
Falkirk S. Wks. ...	99	3	14.9	7.7	11.3	-	21.1	4	1.1	3	-	-	27	-	8	5	11	8	0	0	0	0	2	0	0	-	0	3.22	-	-	-
Grangemouth ...	99	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Renfrew																															
Greenock ...	99	61	14.1	7.9	11.0	0.0	18.9	4,12	5.0	29	-	-	58	63	9	20	18	12	0	0	0	0	1	0	0	0	-	0	3.99	53	-
Paisley €	99	32	15.5	8.2	11.9	+0.6	21.1	4	5.0	22,29	11.6	8.6	38	53	7	7	16	10	0	0	0	0	0	0	0	-	0	3.58	62	-	
Barrhead ...	99	30	14.6	7.8	11.2	-	20.0	4,6	3.3	17	-	-	50	68	10	20	16	12	0	0	0	0	2	0							

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

MAY,

1970

DISTRICT, COUNTY AND PLACE		Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days												BRIGHT SUNSHINE			
					MEANS OF		Daily Mean (mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1916-50 average	MOST IN A DAY		Precip'n		Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure	
									Maximum	Date	Minimum	Date					Amount (mm)	Date	0.2 mm or more	1.0 mm or more														
					Max. (A)	Min. (B)	Maximum	Date	Minimum	Date	Amount (mm)	Date	0.2 mm or more	1.0 mm or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure							
6b	ISLE OF MAN																																	
	Ronaldsway ...	21-9	17	15.0	8.4	11.7	-	19.3	12	5.9	4	-	-	18	31	5	1	10	6	0	0	0	0	1	3	0	0	0	0	0	5.85	-	-	
	Douglas ...	9 9	87	14.9	8.3	11.6	+1.2	18.9	12	5.6	29	-	-	19	26	6	6	10	6	0	0	0	0	0	1	0	0	0	-	1	6.05	84	-	
	Point of Ayre ...	21-9	9	14.8	7.8	11.3	-	19.2	18	4.3	16	-	-	10	20	2	1	10	5	0	0	0	0	1	0	0	-	-	2	5.70	-	-		
2	ENGLAND, N.E.																																	
	Northumberland																																	
	Kielder Castle ...	9 9	201	15.3	5.0	10.1	-	20.6	5	-0.6	13	9.7	-	20	27	7	1	9	9	0	0	0	0	0	1	7	3	5	0	-	-	-		
	Haydon Bridge ...	9 9	79	15.8	6.6	11.2	-	22.8	5	1.1	12	11.4	9.2	29	-	12	10	12	6	0	0	0	0	0	1	0	0	0	-	0	-	-		
	Corbridge ...	9 9	49	15.9	6.6	11.3	-	22.2	5	0.6	23	-	-	33	-	10	11	10	8	0	0	0	0	0	2	1	0	1	-	0	-	-		
	Berwick-on-Tweed †	9 9	23	-	6.8	-	-	-	3.3	14	-	-	-	19	42	9	7	4	4	0	0	0	0	0	2	1	0	0	-	0	4.60	78	-	
	Acklington	21-9	42	13.9	6.5	10.2	+1.1	21.3	18	3.7	4	-	-	13	26	9	7	8	2	0	0	0	0	0	2	1	0	0	0	0	5.35	-	-	
	Tynemouth †	21-9	29	12.4	7.3	9.9	+0.2	20.9	18	4.3	14, 17	-	-	16	31	7	11	10	4	0	0	0	0	0	2	1	0	0	-	0	4.36	79	-	
	Seahouses ...	21-9	11	12.8	6.8	9.8	-	21.4	18	3.7	14	-	-	20	-	6	7	7	5	0	0	1	0	2	3	0	0	0	0	0	4.90	-	-	
	Durham																																	
	Chopwellwood	9 9	136	15.7	6.6	11.1	+1.1	22.2	5	2.8	13, 22	-	-	35	64	11	11	11	7	-	0	-	-	1	0	-	-	-	-	-	-	-		
	Ushaw College	9 9	181	15.4	6.6	11.0	+1.1	21.7	5	3.9	15	-	-	28	50	6	7	10	7	-	0	-	-	5	0	-	-	-	-	-	-	-		
	Houghall ...	9 9	37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Durham †	9 9	102	16.0	7.2	11.6	+1.5	21.7	5, 27	4.4	1, 15, 22	11.2	8.5	23	44	6	10	10	6	-	0	-	-	-	2	0	0	-	-	5.86	102	S	-	
	Hartburn Grange	9 9	31	15.5	6.9	11.2	-	22.2	18	3.8	1	-	-	24	-	8	11	8	6	-	0	-	-	-	2	0	0	-	-	5.58	-	-		
	Hartlepool ...	9 9	9	14.2	7.7	10.9	-	20.6	4, 18, 24	4.4	15	-	-	27	55	9	11	9	5	0	0	0	0	3	1	0	-	-	0	4.58	-	-		
	Yorks., N. Riding																																	
	Leeming ...	21-9	32	16.5	7.8	12.1	-	22.6	27	4.2	17	-	-	16	-	7	7	9	4	0	0	0	0	3	2	0	0	0	0	0	5.84	-	-	
	Marton ...	9 9	46	15.8	7.8	11.8	-	22.8	27	4.4	15	10.9	8.4	20	-	5	1, 10	10	4	0	0	0	0	1	-	0	0	-	0	4.94	-	-		
	York (Heslington)	9 9	20	17.7	7.8	12.7	-	22.2	24, 27	4.4	1, 15	12.4	10.0	15	-	6	1	6	3	-	0	-	-	0	0	0	-	-	0	6.79	-	-		
	Ampleforth ...	9 9	95	17.3	-	-	-	21.1	24	-	-	-	-	10	17	6	1	4	3	0	-	0	0	0	0	-	1	-	0	6.72	114	S	-	
	Redcar ...	9 9	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Pickering ...	9 9	44	17.4	6.7	12.1	-	22.8	24	0.9	1	-	-	15	-	5	16	9	5	0	0	0	0	2	0	0	1	-	0	-	-	-		
	Scarborough ...	9 9	36	14.7	7.9	11.3	+0.7	22.8	24	4.4	14, 15	11.9	9.7	22	46	5	1	10	7	0	0	0	0	0	2	0	0	-	0	5.75	100	-	-	
	Silpho Moor ...	9 9	203	15.1	6.2	10.7	-	21.7	24	2.2	1, 14	9.8	-	21	35	6	1	15	8	0	0	0	0	3	4	0	1	-	0	6.25	-	-		
	Whitby Coast Guard	21-9	63	13.1	7.5	10.3	-	21.7	24	3.9	14	-	-	23	-	8	11	8	7	0	0	0	0	2	4	0	0	0	0	-	-	-		
	Yorks., E. Riding																																	
	High Mowthorpe	9 9	175	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Hull †	9 9	2	17.1	8.3	12.7	+1.3	23.9	24	4.4	14	12.2	9.0	13	27	3	16	8	6	0	0	0	0	0	0	0	0	-	0	6.41	113	-	-	
	Filey ...	9 9	37	14.0	7.1	10.5	-	21.7	24	3.3	1	-	-	18	35	6	1	8	5	0	0	1	0	2	2	0	0	-	0	5.61	-	-		
	Bridlington †	9 9	48	14.4	6.8	10.6	+0.8	22.2	24	2.8	1, 13, 14	-	-	14	27	7	1	9	5	0	0	0	0	0	1	0	0	-	0	6.30	100	-	-	
	Kilnsea ...	21-9	12	13.0	7.8	10.4	-	22.0	24	4.7	15	-	-	27	-	17	28	5	3	0	0	0	0	1	1	0	-	1	-	5.49	-	-		
	Lincoln																																	
	Waddington †	21-9	68	17.4	7.8	12.6	+1.4	22.2	24	4.0	18	-	-	6	-	2	16	8	3	0	0	0	0	2	0	0	0	0	0	0	6.99	107	-	-
	Lincoln †	9 9	7	18.0	7.4	12.7	+1.2	24.4	24	4.4	20, 27	11.8	9.3	4	8	2	1	5	1	0	0	0	0	1	0	0	0	-	0	6.82	-	-		
	Cranwell ...	9 9	62	18.0	7.4	12.7	+1.6	22.4	24	3.0	18	13.0	10.1	5	11	2	8	7	2	0	0	0	0	1	0	0	1	0	0	6.82	110	-	-	
	Brigg ...	9 9	3	18.1	7.7	12.9	-	22.8	3, 24	3.9	13	-	-	17	-	9	28	9	4	0	0	0	0	2	1	0	1	-	0	-	-	-		
	Binbrook ...	21-9	108	16.0	7.7	11.9	-	22.1	24	4.0	14	-	-	9	-	3	1	8	5	0	0	0	0	2	2	0	0	0	0	-	-	-		
	Cleethorpes ...	9 9	7	15.8	8.0	11.9	+1.0	23.3	3, 24	4.4	1, 18, 22	-	-	12	26	8	28	5	2	0	0	0	0	2	1	0	0	-	0	4.82	78	-	-	
	Manby ...	21-9	17	16.1	7.3	11.7	-	22.8	24	2.7	1	12.3	-	15	32	7	28	8	4	0	0	0	0	2	0	0	1	0	0	6.71	-	-		
	Skegness ...	9 9	5	15.1	8.1	11.6	+0.9	22.8	24	5.0	1, 14	-	-	13	31	4	1	7	4	0	0	0	0	0	0	0	0	-						

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

MAY,

1970

DISTRICT, COUNTY AND PLACE	Max. Terminal hr. GMT Min.	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days										BRIGHT SUNSHINE							
			MEANS OF		Daily Mean (mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1916-50 average	MOST IN A DAY		Precip'n		Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure	
			Max. (A)	Min. (B)			Maximum	Date	Minimum	Date					Amount (mm)	Date	0.2 mm or more of more	1.0 mm or more														
3 ENGLAND, E. — contd.																																
Essex																																
Harlow ...	99	79	18.6	7.7	13.1	-	22.8	8	3.9	20,23	-	10.2	35	-	11	28	9	6	0	0	0	0	1	1	0	-	-	0	7.05	-	-	
Stansted ...	21-9	101	18.1	8.1	13.1	+1.9	22.9	8	5.2	1,18	-	-	9	19	2	10	8	4	0	0	0	1	1	0	0	0	0	0	-	-	-	
Writtle ...	99	32	18.6	7.3	12.9	-	22.2	3,8,25	3.3	23	12.4	-	13	32	5	28	6	3	0	0	0	0	1	0	0	1	-	0	6.18	-	-	
Southend ...	99	27	18.6	9.4	14.0	+1.5	22.8	26	6.1	22	-	-	19	46	6	9	8	6	0	0	0	0	1	0	0	-	-	0	5.18	-	-	
Maldon ...	99	4	18.3	8.6	13.5	-	23.3	24	4.4	17	-	-	15	-	6	28	9	6	0	-	0	2	0	0	-	-	0	-	-	-	-	
Earls Colne ...	99	49	18.9	7.8	13.3	-	23.3	19	5.0	1,20	13.1	10.7	23	55	15	28	4	4	-	0	-	-	-	0	0	0	-	-	0	-	-	
Shoeburyness §	21-9	2	16.9	9.2	13.0	+1.3	21.5	26	6.5	22	-	-	19	49	7	9	9	6	0	0	0	4	1	0	0	0	0	0	6.50	95	-	
Clacton-on-Sea €	99	16	16.3	9.0	12.7	+1.3	21.7	26	6.1	18,23	12.8	10.6	16	42	9	10	6	3	0	0	0	2	0	0	0	-	0	-	-	-	-	
Walton-on-Naze	21-9	5	15.9	8.9	12.4	-	21.8	26	5.0	1	-	-	10	-	7	10	6	2	0	0	0	0	1	1	0	0	0	0	6.72	-	-	
Dovercourt ...	99	3	16.7	6.4	11.5	-0.2	21.7	26	2.2	1	-	-	6	16	4	10	4	2	0	-	0	0	0	0	0	0	-	0	6.45	-	-	
4 MIDLAND COUNTIES																																
Yorks., W. Riding																																
Slaidburn ...	99	192	16.1	7.6	11.9	-	20.6	5	3.9	22	-	-	17	19	5	20	10	6	0	0	0	0	0	0	0	0	-	0	6.69	-	-	
Malham Tarn ...	99	395	(14.8)	-	-	-	(20.0)	18	-	-	(10.2)	-	22	25	5	30	10	9	0	0	0	0	3	-	2	-	0	(5.74)	-	-	-	
Huddersfield §	99	99	17.7	8.2	12.9	-	22.8	5,6	5.0	13,15	11.7	9.1	11	19	4	9	5	4	-	0	-	-	-	0	2	-	-	5.14	105	-	-	
" Oakes	21-9	232	17.0	7.3	12.1	+1.6	23.2	5	3.8	15	11.5	8.3	13	19	5	10	3	0	0	0	2	2	6	0	0	0	1	5.95	115	-	-	
Bradford §	99	134	16.4	8.0	12.2	+1.6	21.7	5	4.4	13,15	11.2	8.3	13	20	5	10	6	3	0	0	0	0	1	0	0	-	0	-	-	-	8	
Ilkley ...	99	96	17.0	7.7	12.3	+1.5	22.8	5	5.0	13,17,22	-	-	9	13	4	7	5	2	0	0	0	0	1	3	0	-	-	0	6.18	111	-	
Sheffield*	99	131	17.4	8.5	12.9	+1.6	22.8	5	4.4	15	11.7	8.9	17	29	6	10	8	6	0	0	0	2	-	0	0	-	0	5.17	99	-	-	
Pontefract ...	99	78	17.0	7.9	12.5	+1.6	21.7	5,27	3.9	15	-	-	23	45	9	7	7	5	0	0	0	2	1	0	0	-	0	-	-	-	-	
Bramham ...	99	54	17.1	7.3	12.2	-	22.8	5	4.4	15	-	-	16	29	5	7	6	5	0	0	0	0	0	0	0	-	0	5.61	-	-	-	
Cawood ...	99	6	17.9	7.4	12.7	-	22.8	3,24	4.4	1,15	11.7	9.3	14	27	7	1	5	3	0	0	0	0	1	0	0	0	-	0	6.17	-	-	
Askham Bryan ...	99	34	17.7	7.4	12.5	-	22.2	3,27	3.9	15	-	-	13	25	6	1	5	5	0	0	0	0	0	0	0	0	-	0	6.95	121	-	-
Derby																																
Buxton €	99	307	15.4	7.3	11.3	+1.9	20.6	5	5.0	13,21,22	11.3	8.7	18	25	4	9	8	7	0	0	0	0	1	5	0	0	-	0	-	-	-	
Ashover ...	99	186	17.2	7.7	12.5	-	21.7	5,6	5.0	13,15	-	-	12	-	4	9	7	5	0	0	0	0	2	6	0	0	-	0	6.60	-	-	
Derby ...	99	48	18.6	8.9	13.7	-	23.3	5,6	5.6	13	-	-	14	25	7	10	5	3	0	0	0	0	1	0	0	0	-	0	6.48	-	-	
Morley ...	99	107	17.9	8.0	12.9	-	22.8	6	4.4	13	-	-	6	10	5	7	2	2	-	0	-	-	-	0	0	-	-	6.52	-	-	-	
Wingerworth ...	99	126	17.1	6.8	11.9	-	21.5	5	3.3	6	12.6	-	12	-	4	10	8	5	0	0	0	4	5	0	1	-	0	5.79	-	-	-	
Nottingham																																
Sutton Bonington	99	48	18.3	7.8	(13.1)	(+2.0)	22.2	5,6	3.9	18	11.8	9.7	29	63	18	10	7	4	0	0	0	4	0	0	0	-	0	6.55	115	-	-	
Watnall ...	21-9	117	18.0	7.9	12.9	+1.8	23.3	5	5.0	13	-	-	12	23	7	10	8	2	0	0	0	3	0	0	0	0	0	-	0	5.91	102	-
Mansfield ...	99	110	17.0	8.4	12.7	+1.5	21.1	3,6,27	5.6	13,16,22	12.6	-	10	19	3	1	6	5	0	0	0	0	0	0	0	-	0	-	-	-	-	
Nottingham §	99	59	18.2	8.8	13.5	+1.8	22.8	27	5.6	13	12.4	9.7	7	13	3	8	5	2	0	0	0	3	0	0	0	-	0	6.24	117	-	-	
Warsop ...	99	46	17.9	6.7	12.3	-	22.8	27	2.2	3	-	-	19	41	6	8	7	4	-	0	-	-	0	0	4	-	-	6.48	-	-	-	
Finningley ...	21-9	10	18.5	8.3	13.4	+1.9	23.6	27	4.9	18	-	-	13	-	6	7	8	2	0	0	0	0	1	0	0	0	0	0	6.16	-	-	-
Leicester																																
Newtown Linford	99	119	18.2	7.5	12.9	-	22.8	5,6	4.4	3	-	-	14	25	8	10	6	3	0	0	0	0	3	1	0	1	-	0	6.08	-	-	-
Caldecott ...	99	53	18.7	6.9	12.8	-	22.8	24	1.7	18	-	-	13	30	8	10	3	3	-	0	-	-	-	1	0	0	-	-	6.22	-	-	-
Northampton																																
Bugbrooke Mills	99	69	19.1	7.3	13.2	-	23.9	6	1.7	18	11.4	9.1	25	52	17	7	8	2	-	0	-	-	-	0	0	-	-	6.55	-	-	-	
Raunds §€	99	59	19.0	7.6	13.3	+1.9	23.3	8	1.7	18	13.3	9.0	12	26	10	10	5	2	0	0	0	2	0	0	0	-	0	6.27	111	-	-	
Wittering ...	99	65	18.4	7.9	13.1	+1.9	22.7	3	2.0	18	-	-	17	37	11	10	6	3	0	0	0	0	5	0	0	4	1	0	6.63	-	-	-
Warwick																																
Birmingham K.E.S.*	99	137	(17.1)	8.7	(12.9)	-	22.8	5,6	5.6	1,12	-	-	18	34	6	10	6	4	0	0	1	0										

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

MAY,

1970

DISTRICT, COUNTY AND PLACE	Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days												BRIGHT SUNSHINE			
				MEANS OF		Daily Mean (mean of A & B)	Difference from 1911-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1916-50 average	MOST IN A DAY		Precip'n 0.2 mm or more 140 mm or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1911-60 average	Exposure		
				Max. (A)	Min. (B)			Maximum	Date	Minimum	Date					Amount (mm)	Date																
4 MIDLAND COUNTIES — <i>contd.</i>																																	
Hereford																																	
Lyonshall ...	99	155	17.3	8.1	12.7	+1.6	22.8	5	4.4	3.22	-	-	28	45	7	10	11	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ross-on-Wye 99C	21-9	68	18.0	8.6	13.3	+1.6	24.6	5	4.9	1	13.1	10.6	40	73	9	8	13	7	0	0	0	0	0	4	0	0	0	0	0	5.89	98	-	-
Preston Wynne	99	84	(17.5)	(7.0)	(12.3)	-	23.3	5	1.7	22	-	-	29	57	9	6	10	7	-	0	-	-	-	-	-	-	-	-	-	(6.54)	-	-	-
Gloucester																																	
Filton ...	21-9	59	17.4	8.6	13.0	+1.3	24.1	5	5.4	3	-	-	37	64	17	8	11	6	0	0	0	0	0	4	0	0	0	0	0	6.17	-	-	-
Hempsted ...	99	12	17.9	8.5	13.2	-	24.4	5	3.9	1.22	12.9	9.9	38	68	12	6	12	7	0	0	0	0	1	1	0	0	0	0	0	5.93	-	-	-
Gloucester ...	21-9	24	18.6	9.5	14.1	-	25.7	5	5.5	1	-	-	39	-	17	6	11	8	0	0	0	0	0	4	0	0	0	0	0	6.30	-	-	-
Cheltenham ...	99	65	18.6	8.6	13.6	+1.5	24.4	5	4.4	22	-	-	41	80	13	9	11	10	-	-	-	-	-	-	-	-	-	-	-	6.13	-	-	-
Cirencester ...	99	135	18.2	7.3	12.7	-	23.3	5	2.2	22	-	-	31	48	10	6	7	7	0	0	0	0	0	2	4	0	0	0	0	6.87	-	-	-
Little Rissington	21-9	226	17.0	7.9	12.5	-	22.7	5	4.0	22	-	-	32	55	19	9	9	5	0	0	0	0	0	4	3	0	0	0	0	6.76	-	-	-
5 ENGLAND, S.E.																																	
Greater London																																	
Kensington Palace	99	25	19.3	9.7	14.5	+1.5	23.3	6.8	6.1	22	14.2	11.6	23	49	10	9	9	6	0	0	0	0	0	0	0	0	0	0	-	-	-	-	
Hampstead ...	99	137	-	8.6	-	-	-	-	5.1	18.22	-	-	17	33	7	9	8	5	0	0	0	0	0	1	-	0	0	0	0	7.12	114	8	-
St. James's Park	99	4	19.3	9.9	14.6	+1.5	23.9	6	7.2	11.22	-	-	23	50	15	11	10	4	0	-	0	-	0	1	-	0	0	0	0	-	-	-	-
London/W.Centre	-	77	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.08	119	-	
Greenwich ...	99	7	19.3	8.5	13.9	-	22.8	26	5.0	1.30	-	-	25	56	13	9	10	5	0	0	0	0	0	0	0	0	0	0	0	6.28	105	-	-
Heathrow ...	21-9	25	19.2	9.3	14.3	+1.8	23.2	6.8	6.2	18	-	-	25	55	9	10	10	4	0	0	0	0	0	3	0	0	0	0	0	7.07	-	-	-
Hampton ...	99	12	18.9	9.0	13.9	-	23.3	6.8	5.6	18	-	-	22	49	7	10	9	8	0	0	0	0	0	1	0	0	0	0	0	6.94	-	-	-
Wealdstone ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.55	-	-	
Southgate ...	99	59	18.9	8.7	13.8	-	22.8	8	5.6	18	12.4	-	23	50	12	9	9	5	0	0	0	0	0	1	0	0	0	0	0	6.92	-	-	-
Kew* 99C	21-9	5	18.8	8.2	13.5	-	23.2	6	3.5	3	12.6	10.1	20	44	9	10	10	5	0	0	0	0	0	4	0	0	7	0	0	7.16	112	-	-
Waddon ...	99	67	18.9	8.9	13.9	+1.7	23.9	6	5.6	23	-	-	24	49	7	10	11	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Addington ...	99	144	(18.1)	(8.6)	(13.3)	(+1.6)	22.2	8	5.0	18	-	-	25	49	9	10	9	6	-	-	-	-	-	-	0	-	-	-	-	-	-	-	
Bromley ...	99	65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Surrey																																	
Gatwick ...	21-9	59	18.7	7.1	12.9	+1.2	22.8	8	2.1	23	-	-	31	61	6	15	9	6	0	0	0	0	0	1	0	0	3	0	0	7.15	-	-	-
Wiseley ...	99	35	19.3	7.8	13.5	+1.6	26.1	5	3.9	18	13.1	10.2	23	49	6	-	10	8	-	0	-	-	-	-	0	0	9	-	-	6.66	108	-	-
Mickleham ...	99	55	18.6	6.1	12.3	-	22.2	5.6	1.7	18.22	12.8	10.4	23	47	8	10	9	6	0	0	0	0	0	1	0	0	0	0	0	-	-	-	-
Kent																																	
Dartford ...	99	5	18.9	6.9	12.9	-	23.3	6	2.2	23	12.8	9.8	15	-	3	10	11	6	0	0	0	0	0	1	0	0	0	0	0	5.93	-	-	-
Hadlow College	99	30	18.7	8.5	13.6	-	23.9	24	5.0	4	-	-	19	43	7	11	9	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Gillingham ...	99	4	18.7	8.5	13.6	-	23.9	24	5.0	4	-	-	19	43	7	11	9	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Peckham ...	21-9	29	18.5	7.2	12.9	-	22.2	26	1.8	23	-	-	17	-	6	11	9	5	0	0	0	0	0	2	0	0	4	0	0	6.70	-	-	-
Dungeness ...	21-9	3	15.1	7.5	11.3	+0.1	19.2	25	3.6	17	-	-	29	68	15	15	10	8	0	0	0	0	0	3	1	0	-	-	0	-	-	-	-
Whitstable ...	99	3	17.8	8.9	13.3	-	22.2	26	6.1	1.17	-	-	38	102	13	10	10	6	0	0	0	0	0	3	0	0	-	-	0	6.23	-	-	-
Folkstone ...	99	39	16.0	9.3	12.7	-	21.7	8	6.7	1.1422	-	10.1	19	43	6	29	11	5	0	0	0	0	0	0	1	0	-	-	0	7.05	-	-	-
Elmstone ...	99	9	17.5	7.7	12.6	-	21.7	8	3.9	23	-	-	24	-	8	17	7	7	-	0	-	-	-	-	1	0	0	-	-	-	-	-	
Herne Bay ...	99	6	17.4	9.7	13.5	-	21.7	24.26	6.7	1	-	-	34	88	17	10	9	4	0	0	0	0	0	1	0	0	-	-	0	6.29	-	-	-
Dover ...	99	6	16.1	9.1	12.6	+0.8	21.7	8	6.1	1.1723	13.2	10.8	18	41	7	29	10	3	0	0	0	0	0	1	2	0	-	-	0	6.85	-	-	-
Deal ...	21-9	5	15.6	9.2	12.4	-	21.3	26	6.5	1	-	-	11	-	3	15	7	4	0	0	0	0	0	2	0	0	0	0	0	-	-	-	-
Manston ...	21-9	44	16.6	8.8	12.7	-	21.9	26	4.8	1	-	-	21	53	8	10	7	7	0	1	0	3	2	0	0	0	0	0	0	-	-	-	-
Margate ...	99	16	16.0	9.8	12.9	+1.2	20.6	24.26	6.1	1	12.9	10.6	18	-	7	10	7	5	0	0	0	0	2	3	0	-	-	0	6.19	86	-	-	
West Malling ...	99	93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-</									

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

MAY.

1970

DISTRICT, COUNTY AND PLACE	Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days										BRIGHT SUNSHINE							
				MEANS OF		Daily Mean (mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1916-50 average	Most in a Day (mm.)	Precip'n			Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure	
				Max. (A)	Min. (B)			Maximum	Date	Minimum	Date						0.2 mm or more	1.0 mm or more	14.0 mm or more														
5. ENGLAND, S.E. — contd.																																	
Hampshire — contd.																																	
Southsea ...	99	2	(17.1)	9.8	(13.5)	(+0.8)	21.1	8	5.0	1	13.7	10.7	28	65	11	15	6	5	0	0	0	0	1	0	0	1	-	0	7.98	111	-	-	
Hayling Island ...	99	4	16.9	9.2	13.1	-	21.1	8,26,27	5.0	3	-	-	23	-	12	14	7	4	0	0	0	0	1	0	0	-	-	0	8.04	-	-	-	
Long Sutton ...	99	156	(18.1)	(7.6)	(12.9)	(+1.5)	22.2	18	3.3	18	13.2	-	24	44	6	(10,11)	9	7	0	0	0	0	1	1	0	6	-	0	7.16	113	S	-	
Alice Holt Lodge	99	115	18.4	7.5	12.9	-	22.8	5	3.3	18	-	-	30	56	8	8	9	8	0	0	0	0	1	0	0	2	-	0	6.82	-	-	-	
S. Farnborough	99	69	18.6	7.8	13.2	+1.3	23.6	5	1.9	18	-	-	23	46	6	10	9	6	0	0	0	0	2	0	0	3	0	0	6.72	105	-	-	
Isle of Wight																																	
St. Catherine's Pt.	99	16	14.6	8.2	11.4	0.0	17.5	27,29	6.0	3,14,22	-	-	36	76	17	15	8	5	0	-	0	0	1	1	0	-	-	0	-	-	-	-	
Ventnor *	99	135	16.1	9.2	12.7	+0.8	20.0	19	6.1	22	13.7	10.6	35	70	15	15	7	5	0	0	0	0	1	1	0	0	-	0	8.02	108	-	-	
Shanklin	99	55	16.2	8.7	12.5	-	20.6	8	5.6	3,18	-	-	38	73	15	14	8	6	0	-	0	0	1	4	0	-	-	0	8.66	-	-	-	
Sandown	99	4	16.7	9.2	12.9	+0.6	21.1	19,25	6.1	3,18,22	-	-	30	67	12	14	6	6	0	-	0	0	0	0	0	-	-	0	7.92	-	-	-	
Ryde	99	5	17.1	9.5	13.3	+0.9	21.1	8,26	6.7	3	-	-	29	65	11	14	7	5	0	0	0	0	2	0	0	-	-	0	7.83	107	-	-	
Wiltshire																																	
Lacock	99	49	18.3	(6.5)	(12.4)	-	23.9	5	0.0	22	-	-	36	63	13	8	10	8	-	0	-	-	-	1	0	1	-	-	-	-	-	-	
West Lavington	99	93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Lyneham	21-9	145	17.2	8.1	12.7	+1.4	23.4	5	4.1	22	-	-	25	44	9	8	7	7	0	0	0	0	4	0	0	1	0	0	6.70	-	-	-	
Larkhill	99	132	18.0	7.4	12.7	+1.6	23.7	5	3.5	22	-	-	19	39	7	10	8	4	0	0	0	0	1	1	0	0	0	0	-	-	-	-	
Boscombe Down	21-9	126	18.0	7.6	12.8	+1.4	22.6	5	3.5	22	-	-	19	40	7	10	8	5	0	0	0	0	0	0	0	3	0	0	6.78	106	-	-	
Upavon	21-9	176	17.4	7.6	12.5	-	22.7	5	3.7	22	-	-	21	40	5	8	7	6	0	0	0	0	2	2	0	3	0	0	-	-	-	-	
Porton	99	111	17.9	6.6	12.3	+1.2	22.6	5	1.4	18	12.3	-	23	48	8	10	9	5	-	0	-	-	-	1	0	6	0	-	6.99	106	-	-	
7a. ENGLAND, N.W.																																	
Cumberland																																	
Sellafield	99	13	(16.2)	8.0	(12.1)	-	21.1	11,12	0.0	1	-	-	30	42	14	1	7	6	-	0	-	-	-	0	0	3	-	-	5.70	-	-	-	
Carlisle	21-9	26	15.9	7.4	11.7	-	21.7	5	1.9	29	-	-	32	-	9	14	11	9	0	0	0	0	3	0	0	1	0	0	5.02	-	-	-	
Newton Rigg	99	171	16.3	6.9	11.6	+1.4	26.1	13	2.2	29	11.3	-	27	50	7	7	14	7	-	0	-	-	-	0	0	1	-	-	5.57	93	-	-	
Spadeadam	99	274	13.9	5.0	9.5	-	20.6	5	-0.6	22	8.7	6.8	48	-	14	1	17	11	0	0	0	0	1	3	1	4	-	0	4.32	-	-	-	
Westmorland																																	
Ambleside	99	46	17.4	8.2	12.8	-	22.8	6	3.9	4	-	-	26	27	7	1	12	8	0	0	0	0	1	0	0	-	-	0	-	-	-	-	
Great Dun Fell	21-9	847	9.7	3.5	6.6	-	16.0	5	-1.6	22	-	-	-	-	-	-	-	-	-	-	-	-	19	1	-	-	-	3.67	-	-	-	-	
Moor House	99	556	12.8	3.9	8.3	-	18.3	5	-1.7	15	7.3	-	61	46	11	20	17	13	-	0	-	-	-	7	3	8	-	-	5.52	-	-	-	
Lancashire																																	
Squires Gate	21-9	10	16.5	8.6	12.5	+1.6	22.0	5	5.0	29	-	-	19	31	8	1	8	3	0	0	0	0	4	0	0	1	0	0	6.25	90	-	-	
Aigburth	99	14	17.5	9.7	13.6	-	22.9	5	7.3	3	15.3	10.8	15	-	5	8	8	3	0	0	1	0	2	0	0	0	-	0	6.48	-	-	-	
Southport	99	5	(17.1)	8.7	(12.9)	-	23.3	5	5.6	3	13.1	9.1	13	22	5	10	9	5	-	0	-	-	-	1	0	0	-	-	6.38	-	-	-	
Poulton-le-Fylde	99	12	(16.6)	(8.4)	(12.5)	-	22.2	5	1.7	17	-	-	33	52	20	1	9	7	0	0	0	0	1	0	0	-	-	0	-	-	-	-	
Cartmel	99	34	16.6	8.0	12.3	-	20.6	5,6,13	2.2	29	-	-	16	-	11	1	8	3	-	0	-	-	-	0	0	-	-	-	-	-	-	-	
Grizedale	99	91	16.6	8.0	12.3	-	20.6	5,6,13	2.2	29	-	-	16	-	11	1	8	3	-	0	-	-	-	0	0	-	-	-	-	-	-	-	
Speke	21-9	22	18.1	9.2	13.7	+1.8	22.8	5	6.4	1	-	-	18	31	11	8	7	4	0	0	1	0	5	0	0	0	0	0	6.34	-	-	-	
Kirkham	99	24	16.8	(8.0)	(12.4)	-	22.8	5	4.4	13,29	-	-	23	35	13	14	8	4	0	0	1	0	3	0	0	1	-	0	6.16	-	-	-	
Bailrigg	99	50	16.4	8.7	12.5	-	22.9	5	4.5	22	-	-	22	-	16	1	5	2	-	0	-	-	-	0	0	-	-	0	6.22	-	-	-	
Morecambe	99	7	16.7	(9.4)	(13.1)	(+1.5)	22.2	5	(6.1)	17	-	-	25	38	19	1	7	4	0	0	0	0	0	0	0	-	-	0	6.02	89	-	-	
Preston	99	33	(17.2)	(8.8)	(13.0)	-	23.3	5	3.9	29	-	-	14	21	8	10	7	2	0	0	0	0	3	0	0	0	-	0	-	-	-	-	
Bolton	99	107	17.1	8.4	12.7	-	22.8	5	5.6	(15)	11.1	-	14	-	6	7	6	3	-	0	-	-	-	0	0	-	-	0	6.02	-	-	-	
Stonyhurst	99	115	17.2	(7.6)	(12.4)	(+1.5)	22.2	5	4.4	(15,18,29)	-	-	12	17	3	1	10	4	-	0	-	-	-	0	3	-	-	0	6.25	101	-	-	
Manchester/W. Centre	99	157	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.91	-	-	-	-	
Helmshore	99	261	15.7	7.8	11.7	-	21.1	5	5.0	16,22,29	10.7	-</																					

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

MAY,

1970

DISTRICT, COUNTY AND PLACE	Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days														BRIGHT SUNSHINE		
				MEANS OF		Daily Mean (mean of A & B)	Difference from 1911-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1916-50 average	MOST IN A DAY		Precip'n		Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1911-60 average	Exposure		
				Max. (A)	Min. (B)			Maximum	Date	Minimum	Date					Amount (mm.)	Date	0.2 mm or more	1.0 mm or more															
8a. SOUTH WALES.																																		
Cardigan																																		
Aberporth ...	21-9	133	14.3	8.7	11.5	+0.9	18.9	4	6.6	20	-	-	28	47	10	8	10	6	0	0	0	0	2	1	0	0	0	4.80	-	-	-	-		
Gogerddan ...	99	31	16.3	8.4	12.3	-	21.7	4	4.4	29	-	-	14	24	3	6	11	7	0	0	0	0	1	0	0	1	-	4.85	-	-	-	-		
Swyddffynnon ...	99	165	15.9	7.8	11.9	-	21.1	5	2.8	26	-	-	45	59	22	13	5	5	-	0	-	-	-	0	0	1	-	5.48	-	-	-	-		
Trawscoed ...	99	61	(16.1)	(6.9)	(11.5)	-	21.1	27	-1.1	25	(11.8)	-	40	59	15	8	7	6	-	-	-	-	0	0	1	-	-	(5.17)	-	-	-	-		
Llety-evan-hen ...	99	290	14.7	7.9	11.3	-	18.9	8,27	5.6	22	-	-	23	29	5	8	10	8	0	0	0	0	2	2	0	3	-	4.49	76	-	-	-		
Cwmystwyth ...	99	301	-	6.7	-	-	-	-	0.6	17	-	-	32	-	10	8	11	11	-	0	-	-	-	0	1	-	-	-	-	-	-	-		
Pembroke																																		
Dale Fort ...	99	33	15.2	9.1	12.1	-	17.2	7,9,31	6.1	1	13.4	-	6	-	3	14	6	2	0	0	0	0	0	2	0	0	-	5.92	-	-	-	-		
Milford Haven C.B.*	21-9	37	14.8	8.9	11.9	-	20.1	12	6.0	11	-	-	7	-	2	14	7	2	0	0	0	0	0	1	0	0	0	-	-	-	-	-		
Orielton ...	99	61	15.6	8.3	11.9	-	19.4	12	5.0	1,11	-	-	24	-	19	8	11	6	0	0	0	0	0	1	0	3	-	-	-	-	-	-		
Haverfordwest ...	99	8	15.5	7.7	11.6	-	20.0	27	2.8	17	-	-	11	-	5	6	7	4	-	-	-	-	-	0	-	-	-	(5.52)	-	-	-	-		
Carmarthen																																		
Carmarthen ...	99	15	17.4	7.9	12.7	-	21.1	12	3.3	17	12.4	-	21	-	4	7,8	9	5	0	0	0	0	3	0	0	0	-	6.12	-	-	-	-		
Brynamman ...	21-9	183	16.3	8.3	12.3	-	21.3	27	5.2	20	-	-	34	-	13	8	10	4	0	-	0	0	3	1	0	0	-	-	-	-	-	-		
Radnor																																		
Cenarth Mill ...	21-9	282	15.1	6.3	10.7	-	20.7	27	0.8	17	-	-	12	-	4	10	8	5	-	0	-	-	-	0	0	4	-	-	-	-	-	-		
Llandrindod Wells	99	235	17.2	7.6	12.4	+1.8	24.4	27	4.4	5	11.3	-	37	53	13	8	11	6	0	0	0	0	2	0	0	-	-	4.72	84	S				
Brecknock																																		
Llwynon ...	99	262	16.3	6.7	11.5	-	21.1	27	2.8	3,20	-	-	35	-	13	13	8	5	0	0	0	0	0	0	0	-	-	-	-	-	-	-		
Glamorgan																																		
Mumbles ...	21-9	37	14.6	9.1	11.9	-	19.0	8	6.9	1,22	-	-	-	-	-	-	-	-	0	0	0	0	4	2	0	0	0	-	-	-	-	-		
Penmaen ...	99	82	16.0	8.6	12.3	-	20.0	27	6.1	11,21	13.1	11.7	26	-	12	8	6	5	0	0	0	0	2	2	0	0	-	-	-	-	-	-		
Swansea ...	99	8	16.6	9.7	13.1	+0.7	20.6	27	6.7	3	14.4	11.8	39	58	26	8	7	4	0	0	0	0	1	1	0	-	-	6.56	102	S				
Port Talbot ...	99	7	17.1	9.0	13.1	-	22.2	27	4.4	3,11	-	-	36	53	28	8	7	6	0	0	0	2	2	1	0	0	-	5.78	-	-	-	-		
Neath ...	99	62	16.8	9.4	13.1	-	20.6	27	5.6	20	-	-	25	33	21	8	7	3	0	0	0	0	2	0	0	0	-	-	-	-	-	-		
Rhosee ...	21-9	67	16.1	8.0	12.1	-	20.2	27	3.1	11	-	-	26	-	8	8	8	7	0	0	0	0	2	2	0	3	0	6.35	93	-	-	-		
Cardiff ...	99	62	17.9	8.9	13.4	+1.5	22.8	5	5.6	11	11.7	9.8	36	49	21	8	8	6	0	-	1	0	1	1	0	-	-	5.49	-	-	-	-		
Monmouth																																		
Tredegar ...	99	313	15.9	7.5	11.7	-	20.6	27	5.0	17	-	-	38	40	13	8	7	7	0	0	0	0	2	1	0	0	-	-	-	-	-	S		
Newport ...	99	23	17.1	8.4	12.7	+0.6	21.7	5,8	4.4	22	-	-	37	54	12	8	9	8	-	0	-	-	-	0	0	0	-	6.26	-	-	-	-		
Usk ...	99	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Crumblant ...	99	245	16.3	7.8	12.1	-	22.2	5	4.4	22	11.7	9.5	32	47	9	14	9	7	-	0	-	-	-	3	0	0	-	-	5.62	-	-	-	-	
8b. ENGLAND, S.W.																																		
Somerset																																		
Hawkrigge ...	99	314	14.8	6.9	10.9	-	19.4	27	2.8	11,20	-	-	41	48	15	14	10	7	0	0	0	0	3	4	0	2	-	6.62	-	-	-	-	-	
Nettlecombe ...	99	96	16.7	6.4	11.5	-	20.6	27	2.2	11	13.8	-	42	-	10	13	8	8	0	0	0	0	2	6	0	6	-	-	-	-	-	-	-	
Cannington ...	99	29	16.5	8.2	12.3	-	21.7	27	2.2	11	(13.9)	-	30	54	7	7	10	7	0	-	0	0	2	0	0	0	-	6.70	100	-	-	-	-	
Weston-super-Mare	99	9	-	9.4	-	-	-	-	3.9	22	-	-	34	58	10	8	10	8	0	0	0	0	2	0	0	0	-	6.05	94	-	-	-	-	
Crick Malherbie	99	76	17.9	7.5	12.7	-	22.8	27	3.3	23	-	-	34	-	8	13	10	8	0	-	0	0	3	0	0	0	-	-	-	-	-	-	-	
Cheddar ...	99	11	(17.2)	(8.3)	(12.7)	-	23.3	5	3.9	11	(13.3)	-	23	-	5	16	10	7	-	0	-	-	-	-	0	0	-	-	-	-	-	-	-	
Yeovilton ...	21-9	18	18.0	7.4	12.7	-	23.6	8	2.1	23	-	-	20	-	7	14	7	7	0	0	0	0	2	0	0	1	0	1	-	-	-	-	-	
Rodney Stoke ...	99	40	17.4	7.8	12.6	-	22.8	5	5.0	20,23,26	13.2	10.3	25	-	5	10	9	8	-	-	-	-	-	3	0	0	-	-	-	-	-	-	-	
Long Ashton	99	49	17.3	8.4	12.9	+1.1	23.9	5	5.0	11,22	13.5	-	51	80	22	13	10	7	0	0	0	0	3	0	0	0	-	5.65	90	-	-	-	-	
West Camel ...	99	27	18.4	6.7	12.5	-	23.3	5,27	1.7	23	-	-	34	-	14	13	8	6	0	0	0	0	2	0	0	4	-	-	-	-	-	-	-	
Wincanton ...	99	114	17.3	7.3	12.3	-	22.2	5	3.3	23	-	-	23	-	7	14	7	6	0	0	0	0	2	2	0	1	-	-	-	-	-	-	-	
Bath C.B.S.**	99	118	17.6	8.4	13.0	-	22.2	5	5.6	9,11,23	13.1	-	20	34	8	13	8																	

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

MAY,

1970

DISTRICT, COUNTY AND PLACE		Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)			WEATHER Number of Days												BRIGHT SUNSHINE				
					MEANS OF		Daily Mean (mean of A & B)	Difference from 1911-50 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1916-50 average	MOST IN A DAY		Precip'n		Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1921-50 average	Exposure	
					Max. (A)	Min. (B)			Maximum	Date	Minimum	Date					Amount (mm)	Date	0.2 mm or more of more	1.0 mm or more														
9. NORTHERN IRELAND																																		
Londonderry																																		
Loughmore Forest	99	174	13.9	7.1	10.5	-	17.7	12	1.4	14	-	-	41	-	8	20	16	11	0	0	0	0	2	0	0	1	-	0	-	-	-	-		
Ballykelly	99	21-9	2	15.6	8.9	12.3	+1.6	18.9	8	4.1	15	12.6	9.7	35	61	9	24	16	8	0	0	0	0	1	0	0	0	0	0	3.81	59	-		
Banagher, Caugh Hill	99		14.6	7.1	10.9	-	18.8	13	4.0	14	-	-	55	-	9	20	19	12	0	0	0	0	1	1	0	0	0	-	-	-	-	-		
Derrynoyd Forest	99	88	15.8	7.6	11.7	-	20.5	2	2.6	14	-	-	50	-	8	15	17	12	0	0	0	0	1	0	0	3	-	-	-	-	-	-		
Somerset Forest	99	43	15.9	8.0	11.9	-	19.8	12	4.0	14	-	-	21	-	5	20	14	7	0	0	0	0	1	0	0	0	-	-	-	-	-	-		
Coleraine Univ....	99	23	15.1	8.2	11.7	-	18.3	12, 27	2.8	14	11.6	9.1	30	-	5	24	18	8	0	0	0	0	1	0	0	0	-	0	3.32	-	-	-		
Garvagh Forest	99	88	15.3	7.4	11.3	-	19.4	12, 14	3.3	15	12.1	8.7	35	-	7	4	17	9	0	0	0	0	2	0	0	2	-	-	-	-	-	-		
Moneydig	99	21-9	34	15.8	7.8	11.8	+1.4	20.2	12, 14	4.1	14	11.9	-	35	49	6	4	16	11	0	0	1	0	2	0	0	3	0	0	-	-	-	-	
Antrim																																		
Portrush Golf Club	99	9	-	-	-	-	-	-	-	-	-	-	-	21	-	5	4	13	8	0	-	0	0	3	0	0	-	-	-	-	-	-	-	
Ballymoney	99	55	15.6	7.2	11.4	-	19.8	12	3.6	14	-	-	21	-	5	4	13	8	0	-	0	0	3	0	0	-	-	-	-	-	-	-	-	
Lisnafillan	99	38	15.4	7.8	11.6	-	19.4	12	3.3	13	-	-	19	-	3	24	14	8	0	0	0	0	0	0	0	0	-	-	4.14	-	-	-	-	
Aldergrove	99	69	15.9	8.3	12.1	+1.6	19.7	13	3.8	13	11.6	8.5	26	37	8	24	13	7	0	0	0	0	2	0	0	0	0	0	0	4.36	69	-	-	
Greenmount	99	32	16.4	8.0	12.2	-	20.0	12, 13	3.3	13, 14	12.0	-	23	-	6	24	12	8	0	0	0	0	0	0	0	-	0	0	-	-	-	-	-	
Altnahinch	99	226	13.6	6.6	10.1	-	18.9	14	2.8	13	-	-	39	-	8	20	23	9	0	0	0	0	1	1	0	4	-	7	3.72	-	-	-	-	
Parkmore Forest	99	235	12.9	6.4	9.7	-	16.1	12	2.2	22, 29	9.2	-	58	55	15	20	20	14	0	0	0	0	0	0	0	0	-	2	-	-	-	-	-	
Black Mountain	21-9	295	13.7	6.8	10.3	-	16.8	13	4.0	22	-	-	27	-	7	9	14	9	0	0	0	0	1	3	0	-	2	-	-	-	-	-	-	
Lowtown	99	271	13.4	6.7	10.1	-	17.8	12	3.9	22	9.3	-	44	-	8	20	19	11	0	0	0	0	1	4	0	-	2	3.63	-	-	-	-	-	
Ballypatrick Forest	99	152	13.6	6.8	10.2	-	17.2	12	2.1	14	-	-	33	40	6	20	18	10	0	0	0	0	1	2	0	1	-	1	3.79	58	-	-	-	
Belfast, Malone*	99	35	15.4	8.7	12.1	-	18.3	12, 27	5.6	14	12.2	-	23	-	4	24	14	10	0	-	0	0	2	0	0	0	-	-	4.56	-	-	-	-	
Newtownabbey	99	32	15.6	9.1	12.3	-	18.9	27	6.1	22	12.5	-	30	-	11	8	11	11	0	0	1	0	2	0	0	0	-	0	4.52	-	-	-	-	
Woodburn, North	99	217	13.8	6.8	10.3	-	17.8	27	3.9	14, 29	-	-	44	55	14	24	16	11	0	0	0	0	0	8	0	0	-	-	-	-	-	-	-	
Larne	99	43	14.9	7.9	11.4	-	18.5	26	5.4	14, 29	-	-	38	53	9	7	17	12	0	0	0	0	1	2	0	-	-	-	-	-	-	-	-	
Kilroot	99	22	15.2	7.8	11.5	-	18.3	31	5.0	22	-	-	20	-	4	7	11	10	0	0	0	0	1	0	0	0	-	-	-	-	-	-	-	
Ballylumford	99	24	14.6	7.5	11.1	-	17.2	17, 23, 26	3.9	14	-	-	30	-	10	7	13	7	0	-	0	0	0	-	0	0	-	-	-	-	-	-	-	
Down																																		
Hillsborough	99	116	15.1	7.8	11.5	+1.5	18.3	13	4.4	13, 14	10.9	8.7	22	35	4	24	16	9	0	0	0	0	2	0	0	0	-	0	4.70	76	-	-	-	
Kilkeel	21-9	18	14.8	8.6	11.7	+1.2	18.6	26	5.5	19	-	-	14	-	5	4	13	4	0	0	0	0	0	0	0	0	0	0	0	5.23	-	-	-	-
Tollymore Park	99	76	15.4	7.9	11.7	-	18.3	2, 12, 31	4.4	16	-	-	27	28	5	4, 6	16	7	0	0	0	0	0	0	0	0	-	-	-	-	-	-	-	
Rosetta	99	24	15.6	8.6	12.1	-	18.9	27	5.6	19, 29	-	-	25	-	6	6	12	10	0	0	0	0	2	0	0	-	-	-	-	-	-	-	-	
Murlough	99	9	15.8	7.7	11.7	-	21.7	31	4.4	14, 16, 22	11.6	9.1	12	-	4	4	11	4	0	0	0	0	1	0	0	3	-	1	4.76	-	-	-	-	
Stormont Castle	99	56	14.9	8.2	11.5	-	18.3	27, 31	4.4	14	11.6	9.9	31	50	8	8	14	8	0	0	0	1	2	1	0	0	-	0	4.26	-	-	-	-	
Downpatrick	99	21	15.6	7.9	11.7	-	18.9	26, 31	5.6	14	-	-	10	-	3	7	12	4	-	-	-	-	0	0	0	-	-	-	-	-	-	-	-	
Creighton's Green	99	119	14.2	7.8	11.0	-	17.2	27	5.0	14	-	-	29	-	9	8	12	9	0	0	0	0	2	0	0	0	-	0	-	-	-	-	-	
Reagh Island**	99	12	15.5	8.3	11.9	-	18.3	12, 31	5.6	19	-	-	13	-	3	4	11	7	-	-	-	-	0	0	0	-	-	-	5.00	-	-	-	-	-
Helen's Bay	99	43	14.9	8.6	11.7	-	17.8	12, 27	6.7	9, 22, 23	-	-	24	-	6	8	13	9	0	0	0	0	1	1	0	0	-	0	4.69	-	-	-	-	-
Killough	21-9	15	13.7	8.2	10.9	-	18.2	26	5.7	22	-	-	9	-	3	9	10	4	0	0	0	0	1	1	0	0	-	1	-	-	-	-	-	
Ballyhalbert	99	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.87	-	-	-	-	
Armagh																																		
Armagh	99	62	16.9	8.4	12.7	+1.8	20.6	13	5.6	13, 14	13.1	10.4	38	63	9	15	15	9	0	0	0	0	3	0	0	0	-	0	3.52	59	-	-	-	-
Loughgall	99	25	16.0	8.2	12.1	-	20.0	14	2.8	13	-	-	30	53	5	4	15	7	0	0	0	0	3	0	0	2	-	0	4.19	-	-	-	-	-
Bessbrook	99	76	-	-	-	-	-	-	-	-	-	-	34	49	10	4	13	8	-	-	-	-	-	-	-	-	-	-	4.52	72	-	-	-	-
Portadown	99	16	16.7	8.5	12.6	-	20.0	12, 14	5.0	14	12.8	10.1	24	-	4	18, 24	14	8	0	-	0	0	0	0	0	-	0	-	-	-	-	-	-	-
Lurgan	99	55	16.4	8.5	12.5	-	20.0	13	4.4	13, 14	12.3	9.7	20	-	5	27	11	6	-	-	-	-	-	0	0	-	-	-	4.13	-	-	-	-	-
Tyrone																																		
Lough Bradan	99	169	14.4	7.0	10.7	-	19.4	12	2.2	16	-	-	55	-	11	6	18	14	-	0	-	-	-	0	0	0	-	-	3.23	-	-	-	-	-
Baronscourt Forest	99	88	15.2	7.8	11.5	-	20.6	12	3.7	16	-	-	41	-	10	6	15	8	0	0	0	0	2	0	0	3	-	-	-	-	-	-	-	-
Strabane Convent	99	44	15.8	8.3	12.1	-	19.8	14	5.4	16	-	-	40	-	10	6	16	11	0	0	1	0	1	1	0	0	-	1	3.45	-	-	-	-	-
Carrigans	21-9	113	15.1	8.0	11.5	-	20.0	12	4.8	14	-	-	44	-	10	6	15	8	0	0	0	0	3	0	0	0	0	0	-	-	-	-	-	-
Lislap Forest	99	209	14.1	5.9	10.0	-	19.4	12	1.7	16, 29	11.1	-	43	50	12	4	15	12	0	0	0	0	1	0	0	0	-	1	-	-	-	-	-	-
Knockmany Forest	99	73	15.6	6.5	11.1	-	19.4	12	1.6	14	-	-	35	51	8	4	13	10	0	0	0	1	2	2	0	1	-	-	-	-	-	-	-	-
Pomeroy Forest	99	165	14.9	7.3	11.1	-	19.4	13	2.8	22	11.6	-	51	-	9	6	16	11	0	0	0	0	5	0	0	1	-	1	-	-	-	-	-	-
Cookstown	99	77	15.3	7.9	11.6	-	18.3	12, 13, 17	4.4	13	11.7	-	43	61	8	4	17	12	0	-	0	0	1	0	0	0	-	-	3.45	-	-	-	-	-
Fermanagh																																		
Roscor	99	143	14.4	7.																														

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS

MAY.

1970

Height of Barometer above M.S.L. in metres	Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)						VISIBILITY (Metres and Kilometres)								WIND SPEED AND DIRECTION															
		At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	MEAN	0	1-2	3-5	6-7	8	9	0-39 m.	40-190 m.	200-390 m.	400-990 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
																									SPEED IN KNOTS												
																									8 or more	6-7	4-5	1-3	Calm								
																									24 or more	22-33	11-21	1-10	0								
Number of Observations																																					
0 SCOTLAND, N.																																					
Lerwick [Zetland]																																					
83	3	1014.9	-	6.5	0.6	8.8	91	6.6	0	3	4	7	14	3	0	3	0	0	1	1	9	4	8	5	0	0	13	16	2	3	6	1	3	8	6	0	2
	9	1015.0	-0.7	8.5	1.2	9.3	85	6.5	0	3	2	13	12	1	0	0	1	0	2	2	4	9	8	5	0	4	16	11	0	3	6	1	3	6	8	3	1
	15	1015.2	-	9.2	1.6	9.2	80	6.7	0	2	3	14	12	0	0	0	0	0	1	0	9	5	11	5	0	2	20	9	0	3	5	1	4	6	7	3	2
	21	1015.4	-	7.1	0.8	8.9	89	6.7	0	2	4	11	13	1	0	0	1	1	0	1	8	6	11	3	0	2	13	16	0	3	8	0	5	5	7	0	3
Kirkwall [Orkney]																																					
26	3	1014.4	-	7.1	0.5	9.4	93	6.1	0	4	3	12	10	2	0	0	1	1	1	2	3	13	8	2	0	5	10	15	1	2	6	2	4	7	2	6	1
	9	1015.1	-0.1	9.5	1.3	9.9	83	6.4	1	2	3	12	13	0	0	0	0	0	0	1	5	3	17	5	0	7	17	6	1	2	2	5	3	7	3	6	2
	15	1014.9	-	10.2	1.6	9.9	79	6.4	0	3	3	15	10	0	0	0	0	0	0	0	7	3	14	7	0	8	16	7	0	1	4	4	6	7	1	7	1
	21	1015.4	-	7.5	0.6	9.5	90	6.4	0	4	2	15	9	1	0	0	1	0	0	1	3	7	16	3	0	6	13	12	0	0	5	7	5	2	3	7	2
Wick [Caithness]																																					
37	3	1014.7	-	7.4	0.7	9.3	90	6.1	1	1	6	12	9	2	0	0	1	1	0	1	7	4	16	1	0	1	9	19	2	0	3	5	5	6	5	3	2
	9	1015.3	-0.5	9.5	1.5	9.6	81	6.6	0	2	2	17	10	0	0	0	0	0	1	3	3	11	10	0	4	16	11	0	1	2	6	2	7	2	8	3	
	15	1015.1	-	10.2	1.5	10.0	80	6.2	1	2	4	17	7	0	0	0	0	0	0	0	8	4	7	12	0	6	13	12	0	1	1	6	9	7	1	3	3
	21	1015.6	-	7.9	0.8	9.5	89	6.6	0	2	5	13	11	0	0	0	1	0	1	1	6	5	14	3	0	3	11	16	1	0	1	9	4	5	5	2	4
Cape Wrath*[Sutherland]																																					
113	3	1012.6	-	8.1	0.7	9.8	90	6.3	0	0	10	9	7	5	0	3	2	0	0	0	2	2	11	11	0	4	14	13	0	0	0	10	3	3	13	1	1
	9	1013.6	-	8.8	0.9	9.9	87	7.0	0	0	6	7	16	2	0	2	0	0	0	0	4	4	11	10	0	2	10	18	1	0	0	8	3	3	13	1	2
	15	1013.6	-	9.2	0.9	10.2	88	6.7	0	0	4	16	10	1	0	1	0	0	0	0	4	4	13	9	0	2	15	14	0	0	0	10	1	1	16	2	1
	21	1013.7	-	8.1	0.7	9.8	91	6.9	0	1	5	7	16	2	0	2	0	0	0	1	4	7	13	4	0	1	17	12	1	0	0	11	2	1	13	2	1
Stornoway [Ross & Cromarty]																																					
5	3	1013.3	-	8.0	0.3	10.3	95	5.8	1	3	6	11	10	0	0	0	0	1	0	2	4	17	6	1	0	2	18	9	2	1	5	2	2	9	3	5	2
	9	1013.8	-1.6	9.8	0.7	11.1	92	6.5	0	2	5	9	15	0	0	0	0	0	0	3	8	12	5	3	0	2	20	9	0	0	5	3	2	12	3	5	
	15	1013.7	-	11.1	1.0	11.6	88	5.8	0	3	8	10	10	0	0	0	0	0	0	2	7	11	10	1	0	7	18	6	0	1	7	1	2	9	4	6	1
	21	1013.8	-	8.8	0.5	10.6	94	5.5	2	4	7	8	10	0	0	0	0	0	0	2	8	11	8	2	0	1	17	12	1	1	3	6	1	9	6	3	1
Benbecula [Inverness]																																					
7	3	1013.6	-	8.6	0.6	10.3	92	6.2	2	2	4	12	11	0	0	0	0	0	1	4	7	8	7	4	0	2	15	11	3	2	2	4	1	8	6	5	0
	9	1014.0	-1.1	10.2	0.9	11.1	89	6.5	0	2	6	11	12	0	0	0	0	0	0	3	11	10	4	3	0	2	19	9	1	0	3	4	2	10	3	7	1
	15	1014.0	-	11.7	1.5	11.3	83	6.2	0	3	4	15	9	0	0	0	0	0	1	3	6	9	7	5	0	3	16	11	1	1	0	6	1	8	8	5	1
	21	1014.1	-	9.7	0.8	10.7	89	6.1	2	1	6	11	11	0	0	0	0	0	3	1	4	12	7	4	0	1	16	12	2	0	3	4	1	7	6	7	1
1 SCOTLAND, E.																																					
Kinloss [Moray]																																					
6	3	1014.8	-	8.8	1.4	9.3	82	6.5	0	3	3	15	10	0	0	0	0	1	0	1	8	4	6	11	0	0	11	18	2	0	5	4	2	7	9	2	0
	9	1015.4	+0.3	10.8	2.1	9.6	74	7.1	0	0	1	20	10	0	0	0	0	0	1	0	9	4	4	13	0	1	15	15	0	1	4	7	1	2	5	7	4
	15	1014.8	-	13.0	3.1	9.8	66	6.4	0	2	5	19	5	0	0	0	0	0	0	0	6	4	7	14	0	5	16	9	1	2	6	4	1	4	3	7	3
	21	1015.6	-	9.9	1.8	9.4	78	6.7	0	0	3	21	7	0	0	0	0	1	1	0	9	3	6	11	0	1	12	17	1	2	3	7	2	4	8	1	3
Dyce [Aberdeen]																																					
59	3	1015.6	-	7.2	0.8	9.1	89	6.4	0	2	5	12	9	3	0	2	1	1	2	3	4	7	7	4	0	0	6	20	5	3	2	2	2	6	3	3	5
	9	1015.9	-0.2	10.4	2.0	9.6	76	6.8	0	0	4	16	11	0	0	0	0	1	3	5	4	7	5	10	0	1	11	18	1	2	2	3	3	9	1	5	5
	15	1015.5	-	11.9	2.4	10.1	73	6.7	0	1	4	15	11	0	0	0	0	0	2	1	5	9	8	6	0	1	18	12	0	1	0	9	4	6	3	5	
	21	1016.1	-	9.1	1.3	9.6	83	6.7	0	2	3	15	10	1	0	0	1	0	2	5	6	8	2	7	0	1	9	17	4	2	3	3	3	6	2	3	5
Fraserburgh [Aberdeen]																																					
22	3	1015.2	-	8.0	0.9	9.4	88	6.5	0	3	4	11	12	1	0	0	0	1	0	2	6	13	9	0	0	2	10	18	1	4	0	3	4	10	3	6	0
	9	1015.7	-0.3	9.6	1.4	9.9	83	6.6	0	0	7	11	12	1	0	0	0	1	0	0	9	11	10	0	1	3	13	14	0	2	0	6	3	7	3	9	1
	15	1015.5	-	10.4	1.5	10.3	82	6.4	0	1	8	9	13	0	0	0	0	0	1	9	8	13	0	0	3	12	16	0	3	2	6	4	7	1	7	1	
	21	1015.8	-	8.7	1.0	9.8	87	6.7	0	1	5	14	10	1	0	0	1	0	0	1	11	9	9	0	0	3	13	13	2	2	1	4	4	8	1	6	3
Usan [Angus]																																					
35	3	1015.6	-	7.6	0.6	9.6	91	5.4	1	7	4	10	7	2	0	1	1	0	1	0	9	5	5	9	0	0	14	11	6	2	7	3	0	1	4	8	0
	9	1016.0	-	10.0	1.3	10.3	84	6.5	0	2	5	11	12	1	0	1	0	0	0	1	11	3	4	11	0	1	15	9	6	1	6	1	2	2	5	7	1
	15	1015.6	-	10.6	1.4	10.7	84	6.5	0	1	6	12	12	0	0	0	0	0	1	2	8	8	1	11	0	0	16	15	0	1	5	7	1	6	5	1	
	21	1016.1	-	8.8	0.9	10.1	89	6.4	0	4	4	9	13	1	0	0	0	1	1	2	10	4	3	10	0	0	14	13	4	1	5	4	1	1	5	9	1
Leuchars [Fife]																																					
12	3	1015.3	-	7.8	0.7	9.6	90	5.8	0	6	6	9	9	1	0	0	0	3	1	2	6	8	6	5	0	2	10	16	3	0	6	4	1	0	10	6	1
	9	1015.9	-0.2	10.6	1.6	10.3	81	6.6	0	1	3	19	8	0	0	0	0	0	1	6	2	8	9	5	0	4	17	9	1	0	6	5	1	0	11	7	0
	15	1016.3	-	12.4	2.3	10.7	75	6.6	0	1	5	15	10	0	0	0	0	0	4	4	8	9	6	0	5	21	5	0	0	6	6	2	2	9	4	2	
	21	1016.0	-	9.8	1.3	10.1	85	6.1	0	6	1	14	10	0	0	0	1	0	1	4	6	7	5	7	0	0	17	12	2	1	7	4	1	3	7	5	1
Turnhouse [Midlothian]																																					
44	3	1015.7	-	8.3	0.8	9.8	89	6.7	0	1	5	12	12	1	0	0	1	0	0	6	8	12	2	2	0	0	12	16	3	1	6	5	0	0	5	11	0
	9	1016.3	+0.1	10.2	1.4	10.3	83	7.0	0	1	2	13	15	0	0	0	0	0	2	7	4	10	4	4	0	1	18	11	1	0	7	5	0	0	6	1	

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS

MAY.

1970

Height of Barometer above M.S.L. in metres	Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY			CLOUD AMOUNT (Oktae)					VISIBILITY (Metres and Kilometres)							WIND SPEED AND DIRECTION																						
		At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	MEAN	0	1-2	3-5	6-7	8	9	0-30 m.	40-100 m.	200-300 m.	400-500 m.	1000-1900 m.	2000-3000 m.	4-9 km.	10-19 km.	20-30 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S	S.W.	W.	N.W.				
																									16 or more	22-33	4, 5	1-9	Calm												
																																						SPEED IN KNOTS			
																																						24 or more	22-33	11-21	1-10
Number of Observations																																									
6a. SCOTLAND, W. — contd.																																									
Abbotsinch [Renfrew]																																									
9	3	1015.7	-	9.0	0.9	10.1	88	6.7	1	1	3	9	17	0	0	0	0	0	1	5	9	7	6	3	0	0	11	19	1	0	5	8	0	4	9	4	0	0			
3	9	1016.2	+0.1	11.1	1.6	10.6	79	6.8	0	0	5	14	12	0	0	0	0	0	7	8	9	4	3	0	1	17	12	1	0	5	6	2	4	5	8	0	0				
15	7	1015.7	-	13.7	3.0	10.7	69	6.3	0	3	6	13	9	0	0	0	0	0	0	13	7	7	4	0	2	19	10	0	0	6	4	1	4	9	7	0	0				
21	3	1016.3	-	10.7	1.5	10.6	82	5.7	0	8	2	12	9	0	0	0	0	0	5	12	6	5	3	0	0	10	21	0	0	5	5	3	3	7	8	0	0				
Salsburgh [Lanark]																																									
9	3	-	-	8.7	1.0	10.0	90	6.6	2	2	4	17	4	1	5	0	0	3	6	7	9	0	0	0	8	15	8	0	0	1	9	0	3	8	10	0	0				
15	3	-	-	11.5	2.2	10.4	78	6.9	0	1	6	4	17	3	0	1	0	2	1	3	10	10	4	0	1	8	18	4	0	0	1	9	0	2	7	11	0	0			
21	3	-	-	8.2	0.7	9.9	91	6.5	0	2	5	7	12	5	0	4	1	1	0	2	7	15	1	0	0	4	17	10	0	0	2	9	0	3	9	8	0	0			
Prestwick [Ayr]																																									
9	3	1016.5	-	8.6	0.7	10.2	90	6.0	0	4	6	9	12	0	0	0	0	0	1	12	11	6	1	0	0	11	16	4	0	2	7	3	3	4	5	3	0				
15	3	1016.0	+0.1	11.1	1.6	10.7	81	6.4	1	2	3	13	12	0	0	0	0	0	1	15	9	4	2	0	2	12	14	3	0	4	5	1	2	8	5	3	0				
21	3	1015.9	-	13.0	2.3	11.0	74	6.1	0	2	8	12	9	0	0	0	0	0	0	12	10	5	4	0	1	17	13	0	0	5	2	0	6	4	12	2	0				
Eskdalemuir [Dumfries]																																									
9	3	1016.3	-	6.7	0.6	9.1	91	5.7	0	7	4	6	11	3	0	1	3	2	2	1	9	7	6	0	0	0	8	16	7	5	4	0	0	4	4	6	1	0			
15	3	1016.2	+0.4	10.3	1.6	10.1	80	5.7	0	8	1	11	10	1	0	0	1	2	1	2	9	10	6	0	2	11	18	0	2	6	3	4	5	5	4	2	0				
21	3	1015.6	-	12.9	2.7	10.4	71	6.4	0	1	6	14	10	0	0	0	0	0	3	9	5	11	3	0	3	19	9	0	3	4	3	0	8	5	6	2	0				
Mull of Galloway [Wigtown]																																									
9	3	1015.7	-	8.7	0.9	9.9	88	5.4	5	2	5	8	11	0	0	0	0	0	0	3	6	15	7	0	7	17	6	1	0	5	4	2	7	4	5	3	0				
15	3	1016.2	-	9.9	1.1	10.4	85	6.0	2	2	5	11	11	0	0	0	0	0	0	6	10	11	4	0	6	17	8	0	2	5	2	3	8	5	3	3	0				
21	3	1015.9	-	11.9	1.9	10.9	79	5.7	2	4	5	8	10	2	0	0	0	2	0	0	5	7	13	4	1	8	14	7	1	1	2	6	1	10	4	3	3	0			
6b. ISLE OF MAN																																									
Ronaldsway																																									
9	3	1016.2	-	9.6	1.1	10.2	85	5.9	0	5	5	15	6	0	0	0	0	0	0	11	7	5	8	0	0	9	20	2	2	9	3	0	3	7	5	0	0				
15	3	1016.6	+0.4	11.8	1.7	11.0	79	5.5	0	5	8	11	7	0	0	0	0	0	2	8	9	6	6	0	1	12	18	0	1	7	5	1	6	8	2	1	0				
21	3	1016.2	-	13.7	2.5	11.4	73	4.9	0	8	7	12	4	0	0	0	0	1	2	5	10	6	7	0	1	15	15	0	0	5	5	2	8	5	4	2	0				
Point of Ayre																																									
9	3	1016.4	-	8.8	0.6	10.5	92	5.6	0	5	9	5	12	0	0	0	0	0	0	6	10	10	5	0	2	14	13	2	0	5	4	4	1	5	9	1	0				
15	3	1017.0	-	11.2	1.3	11.3	84	6.1	0	3	5	15	8	0	0	0	0	0	2	5	7	14	3	0	2	19	10	0	0	8	1	3	3	9	4	0					
21	3	1016.7	-	13.1	1.9	11.8	79	5.7	0	4	6	14	7	0	0	0	0	0	3	4	7	12	5	0	3	14	14	0	0	5	3	1	5	2	9	6	0				
2. ENGLAND, N.E.																																									
Acklington [Northumberland]																																									
9	3	1016.0	-	7.7	0.7	9.6	91	5.4	2	5	5	7	9	3	0	1	3	0	1	4	4	10	5	3	0	0	8	22	1	9	1	0	2	1	4	11	2	0			
15	3	1016.3	+0.2	10.9	1.6	10.5	80	6.5	0	1	8	12	9	1	0	0	1	0	1	5	6	7	7	4	0	1	15	14	1	5	4	4	2	3	3	9	0				
21	3	1015.9	-	12.4	2.3	10.6	74	5.9	0	3	8	11	9	0	0	0	0	2	1	1	7	7	6	7	0	3	17	11	0	2	5	5	6	0	2	7	4	0			
Tynemouth [Northumberland]																																									
9	3	1016.6	+0.1	10.1	1.2	10.6	86	6.1	1	1	9	5	14	1	0	1	0	0	1	4	11	9	5	0	0	4	15	10	2	9	2	0	2	6	0	9	1	0			
15	3	1016.2	-	11.2	1.7	10.8	81	6.0	1	2	9	6	12	1	1	0	0	1	0	5	9	7	8	0	2	20	9	0	5	2	2	6	4	2	8	2	0				
21	3	1016.6	-	9.6	1.0	10.5	88	5.7	2	2	9	6	7	5	0	3	0	2	0	3	9	8	6	0	0	3	13	14	1	7	2	2	3	4	1	11	0	0			
Seahouses [Northumberland]																																									
9	3	1016.1	-	8.0	0.6	10.0	93	5.6	1	6	5	5	9	5	0	1	1	4	0	3	6	6	8	2	0	2	10	18	1	4	4	1	1	5	4	9	2	0			
15	3	1016.5	-	10.1	1.3	10.4	85	6.6	1	0	6	11	11	2	0	2	0	1	0	6	6	9	4	3	0	2	14	14	1	5	4	2	6	1	3	8	1	0			
21	3	1016.6	-	11.5	1.9	10.6	79	6.7	0	0	8	5	17	1	0	0	1	0	2	3	9	6	6	4	0	5	14	12	0	6	0	6	3	5	3	7	1	0			
Leeming [Yorks, N.Riding]																																									
9	3	1016.5	-	8.7	1.0	9.8	87	6.1	1	3	5	8	10	4	0	2	2	1	2	6	5	3	4	6	0	0	5	24	2	9	1	0	1	7	4	5	2	0			
15	3	1016.7	+0.2	11.7	2.0	10.6	77	5.9	2	2	5	12	10	0	0	0	0	2	2	4	9	4	4	6	0	1	10	18	2	10	3	1	0	4	2	8	1	0			
21	3	1016.1	-	15.5	3.8	10.9	63	5.3	2	7	2	13	7	0	0	0	0	0	2	5	5	6	5	8	0	0	19	12	0	5	4	0	5	1	3	11	2	0			
Whitby C.G. [Yorks, N.Riding]																																									
9	3	1016.0	-	8.5	0.7	10.1	91	5.6	1	6	4	7	9	4	1	3	0	1	3	4	5	15	0	0	0	18	8	5	2	0	0	3	1	10	4	6	0				
15	3	1016.3	-	10.2	1.1	10.8	87	6.2	0	3	8	7	8	5	0	2	0	3	2	4	6	13	1	0	2	11	12	6	3	1	2	0	4	1	6	8	0				
21	3	1016.4	-	9.8	1.0	10.7	88	6.4	0	1	8	8	10	4	2	3	0	0	2	1	7	14	2	0	0	1	14	9	7	1	1	1	2	4	2	7	6	0			
Kilnsea [Yorks, E.Riding]																																									
9	3	1016.5	-	8.8	0.7	10.4	92	6.0	4	0	4	10	10	3	0	0	2	1	1	0	16	11	0	0	0	2	15	13	1	7	4	0	3	2	5	7	2	0			
15	3	1016.8	+0.5	10.5	1.3	10.7	84	5.6	3	3	3	10	11	1	0	0	1	0	1	7	16	6	0	0	0	2	18	11	0	5	5	3	2	3	1	10	2	0			
21	3	1016.6	-	11.4	1.7	10.7	81	5.7	2	3	6	8	10	2	0	0	1	2	0	3	13	12	0	0	0	4	19	8	0	2	7	6	5	2	2	7	0	0			
Waddington [Lincoln]																																									
9	3	1016.5	-	8.6	0.7	10.1	90	5.3	3	3	7	6	11	1	0	1	1	0	4	5	9	8	1	2	0	0	9	22	0	7	0	3	3	1	7	7	3	0			
15	3	1016.8	+0.3	12.4	1.8	11.4	79	5.6	2	2	8	13	6	0	0	0	0	0	1	2	12	9	5	2	0	0	15	16	0	7	3	1	3	2	4	8	3	0			
21	3	1015.9	-	16.6	3.8	11.9	64	5.1	2	3	11	11	4	0	0	0	0	0	0	0	7	9	13	2	0	0	21	10	0	3	7	5	1	0	3	9	3	0			
Binbrook [Lincoln]																																									
9	3	1016.4	-	8.4	0.7	10.0	90	5.8	2	4	4	11	8	2	0	2	3	1	1	7	8	1	0	0	0	0	9	20	2	8	2	0	2	4	8	4	1	0			
15	3	1016.8	-	11.6	1.8	10.7	79	5.8	3	1	5	12	10	0	0	0	1	1	1	4	14	7																			

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS

MAY,

1970

Height of Barometer above M.S.L. in metres	Hour of Observation (GMT)	MEAN PRESSURE IN mbs		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)						VISIBILITY (Metres and Kilometres)						WIND SPEED AND DIRECTION																						
		At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	Mean	0	1-2	3-5	6-7	8	9	0-39 m.	40-190 m.	200-390 m.	400-590 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.					
																									8 or more	6, 7	4, 5	1-3	Calm													
																																						SPEED IN KNOTS				
																																						34 or more	22-33	11-21	1-10	0
Number of Observations																																										
3.																																										
ENGLAND, E. - contd.																																										
Honington [Suffolk]																																										
51	3	1016.3	-	8.7	0.8	10.1	89	5.7	1	3	7	11	8	1	0	1	0	1	4	7	8	9	1	0	0	0	6	24	1	5	3	3	4	1	2	7	5					
	9	1016.7	+0.4	12.9	2.2	11.1	75	5.6	3	2	7	10	9	0	0	0	0	0	1	6	13	9	1	1	0	0	12	18	1	4	2	4	3	2	2	8	5					
	15	1015.8	-	17.4	4.7	11.0	56	5.4	2	4	5	17	3	0	0	0	0	0	1	10	11	8	1	0	1	17	12	1	5	3	2	4	2	2	6	6						
	21	1016.6	-	11.9	1.8	11.0	79	5.6	0	5	7	12	7	0	0	0	0	0	5	13	8	5	0	0	0	6	23	2	4	3	6	3	3	2	5	3						
Wattisham [Suffolk]																																										
91	3	1016.4	-	8.4	0.6	10.1	91	5.4	3	5	3	10	9	1	0	1	0	5	1	6	12	4	2	0	0	0	6	23	2	5	3	2	2	2	7	6						
	9	1016.8	-	12.6	2.1	11.2	77	5.6	1	6	2	15	7	0	0	1	0	0	0	6	13	7	4	0	0	0	12	18	1	6	2	1	5	2	2	6	6					
	15	1015.9	-	16.7	4.1	11.3	60	5.2	2	3	10	12	4	0	0	0	0	0	0	0	12	13	6	0	0	1	19	11	0	5	4	1	5	3	1	7	5					
	21	1016.7	-	11.4	1.6	11.0	82	4.6	1	9	6	9	6	0	0	0	0	0	2	6	11	8	4	0	0	0	8	21	2	6	2	5	4	2	1	5	4					
Aldeburgh [Suffolk]																																										
9	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
	9	1016.4	-	-	-	-	-	5.3	3	1	11	5	10	1	0	1	1	1	5	5	13	5	0	0	0	0	5	25	1	5	5	2	2	5	0	6	5					
	15	1016.1	-	-	-	-	-	5.3	1	4	8	8	8	2	0	1	1	1	4	2	14	8	0	0	0	1	13	16	1	6	2	7	4	4	0	5	2					
	21	1016.3	-	-	-	-	-	4.7	2	6	8	5	9	1	0	1	1	0	1	1	12	15	0	0	0	0	6	19	6	4	4	3	0	1	4	3	6					
Wyton [Hunts]																																										
43	3	1016.5	-	9.2	0.9	10.3	88	5.5	3	3	5	10	8	2	0	2	0	1	1	9	13	5	0	0	0	0	4	25	2	7	1	3	2	0	7	5	4					
	9	1016.9	-	13.0	2.3	11.2	75	6.0	1	0	9	14	7	0	0	0	0	0	2	4	13	8	4	0	0	0	10	21	0	9	1	4	1	1	4	8	3					
	15	1015.9	-	17.5	4.6	11.4	58	5.2	3	2	7	16	3	0	0	0	0	0	1	0	9	15	5	1	0	0	18	13	0	6	4	1	5	3	2	5	5					
	21	1016.8	-	12.7	2.2	11.1	76	5.1	1	7	5	13	4	1	0	1	0	0	0	1	17	10	2	0	0	0	5	25	1	6	2	8	1	1	5	3	4					
Cardington [Bedford]																																										
29	3	1016.8	-	8.6	0.7	10.2	91	5.4	2	6	4	8	9	2	0	1	1	1	3	4	12	9	0	0	0	0	3	27	1	3	6	2	2	0	6	7	4					
	9	1017.1	+0.7	13.5	2.3	11.5	75	5.4	3	3	6	12	7	0	0	0	0	0	1	5	12	4	9	0	0	0	6	24	1	5	4	5	1	0	3	7	5					
	15	1016.0	-	17.8	4.8	11.2	56	5.4	2	4	5	18	2	0	0	0	0	0	0	1	7	15	6	2	0	0	13	17	1	3	7	2	3	1	3	8	3					
	21	1016.9	-	12.2	1.9	11.1	78	4.6	0	8	11	6	6	0	0	0	0	1	1	1	16	9	3	0	0	0	6	23	2	4	5	3	3	2	5	1	6					
Stansted [Essex]																																										
102	3	1016.5	-	9.0	0.8	10.4	89	5.3	4	4	5	5	10	3	0	0	1	2	1	6	9	8	4	0	0	0	5	24	2	3	3	6	0	1	7	4	5					
	9	1016.9	+0.5	12.7	2.0	11.4	78	5.5	2	2	7	13	7	0	0	0	0	0	3	5	10	7	6	0	0	0	8	22	1	6	1	4	3	3	0	10	3					
	15	1015.9	-	17.0	4.4	11.3	59	5.3	3	1	10	13	4	0	0	0	0	0	0	1	7	8	10	5	0	0	14	16	1	7	1	4	2	3	1	9	3					
	21	1016.7	-	12.3	2.0	10.9	76	4.1	1	12	8	3	7	0	0	0	0	0	1	0	13	10	7	0	0	0	3	26	2	6	3	5	1	2	3	6	3					
Shoeburyness [Essex]																																										
5	9	1016.6	0.0	13.0	1.8	11.9	80	6.1	1	3	4	12	11	0	0	0	0	1	2	12	10	4	2	0	0	0	6	24	1	4	2	6	2	2	2	6	6					
	15	1015.7	-	15.9	2.9	12.6	71	5.4	2	4	6	11	8	0	0	0	0	0	1	8	9	11	2	0	0	0	10	21	0	2	3	9	4	1	2	5	5					
	21	1016.3	-	12.6	1.6	11.9	82	4.8	2	8	4	10	7	0	0	0	0	0	1	10	9	11	0	0	0	0	6	22	3	4	4	3	2	4	3	5	3					
Walton-on-Naze [Essex]																																										
8	3	1016.2	-	9.8	0.8	11.0	90	5.3	5	4	4	2	14	2	0	0	2	0	0	8	9	12	0	0	0	0	4	21	6	4	2	1	2	3	2	2	9					
	9	1016.9	-	12.6	1.9	11.4	79	5.7	2	2	6	9	12	0	0	0	0	1	2	11	7	10	0	0	0	1	3	27	0	5	4	1	5	4	1	4	7					
	15	1016.2	-	14.2	2.6	11.7	74	4.8	3	4	9	8	7	0	0	0	0	0	0	8	12	11	0	0	0	0	17	14	0	1	4	8	3	6	1	2	6					
	21	1016.6	-	11.9	1.4	11.6	84	4.2	6	4	9	2	9	1	0	0	1	0	1	5	14	10	0	0	0	0	7	22	2	5	2	7	3	3	2	4	3					
4.	MIDLAND COUNTIES																																									
Huddersfield Oaks [Yorks, W.R.]																																										
235	3	1016.3	-	7.8	1.2	8.8	83	6.3	1	2	5	9	10	4	2	2	1	2	0	6	10	5	3	0	0	0	6	20	5	2	6	0	1	1	0	11	5					
	9	1017.2	+1.0	11.3	1.8	10.5	79	5.8	3	2	4	10	10	2	0	2	2	4	4	1	8	7	5	0	0	0	7	23	1	3	9	1	1	1	1	12	2					
	15	1016.2	-	15.6	3.9	10.8	62	5.5	1	1	12	11	6	0	0	0	0	0	2	3	8	8	10	0	0	1	16	14	0	2	6	5	1	1	3	11	2					
	21	1016.9	-	10.5	1.6	10.2	81	4.9	3	6	6	5	10	1	0	2	2	0	0	0	13	5	9	0	0	0	8	19	4	1	6	2	1	1	4	9	3					
Watnall [Nottingham]																																										
119	3	1016.7	-	8.7	0.7	10.1	90	5.3	2	6	2	12	8	1	0	2	1	1	3	3	15	5	1	0	0	0	1	28	2	6	5	1	1	0	5	9	2					
	9	1017.1	+0.7	12.2	2.0	10.9	77	6.1	1	3	3	14	10	0	0	0	0	0	4	7	7	9	4	0	0	0	5	26	0	8	6	1	1	1	3	9	2					
	15	1016.1	-	16.9	4.3	11.3	59	5.0	2	4	11	10	4	0	0	0	0	0	2	1	4	12	11	1	0	0	17	13	1	0	6	6	1	0	4	9	4					
	21	1017.1	-	11.8	1.9	10.7	77	4.5	2	8	6	11	4	0	0	0	0	1	3	1	17	8	1	0	0	0	4	23	4	3	6	2	1	1	1	11	2					
Finningley [Nottingham]																																										
14	3	1016.3	-	9.2	0.9	10.3	89	5.8	1	6	3	7	12	2	0	1	0	1	3	1	16	6	2	1	0	0	6	21	4	7	1	0	3	3	3	5	5					
	9	1016.7	+0.4	12.9	2.2	11.2	76	5.9	3	3	2	12	11	0	0	0	0	0	0	5	12	10	4	0	0	1	12	16	2	11	0	1	2	0	3	8	4					
	15	1015.8	-	17.4	4.5	11.3	58	5.1	1	7	6	12	5	0	0	0	0	0	0	2	7	14	8	0	0	2	17	11	1	1	6	4	2	1	2	7	7					
	21	1016.6	-	12.3	2.0	11.1	77	5.4	2	4	5	13	7	0	0	0	0	0	2	1	14	12	2	0	0	0	9	21	1	5	2	4	4	1	3	7	4					
Wittering [Northampton]																																										
67	3	1016.5	-	8.8	0.9	10.1	88	5.1	5	3	4	9	8	2	0	2	1	0	1	5	12	9	1	0	0	0	9	22	0	6	2	3	1	2	3	9	5					
	9	1016.9	+0.3	13.0	2.3	11.1	75	5.5	2	4	4	14	7	0	0	0	0	0	2	3	11	8	6	1	0	0	16	15	0	7	5	1	2	0	4	8	4					
	15	1015.9	-	17.3	4.5	11.3	58	5.1	2	2	12	12	3	0	0	0	0	1	0	2	3	11	11	3	0</																	

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS

MAY,

1970

Height of Barometer above M.S.L. in metres	Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Okta)						VISIBILITY (Metres and Kilometres)										WIND SPEED AND DIRECTION																		
		At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	MEAN	0	1-2	3-5	6-7	8	9	0-39 m.	40-190 m.	200-390 m.	400-590 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.					
																									8 or more	6, 7	4, 5	1-3	Calm													
																																						SPEED IN KNOTS				
																																						22-23	11-21	1-10	0	
Number of Observations																																										
7a ENGLAND, N.W.																																										
Ringway [Cheshire]																																										
84	3	1016.5	-	10.3	1.4	10.2	82	5.1	1	5	8	13	4	0	0	0	0	0	10	10	9	2	0	0	0	5	21	5	5	3	3	2	4	5	3	1						
	9	1016.8	+0.7	13.2	2.7	10.6	70	5.5	0	5	7	11	8	0	0	0	0	0	6	13	9	3	0	0	0	5	25	1	4	3	2	2	2	6	9	2						
	15	1016.0	-	16.8	4.6	10.6	57	5.3	1	5	8	12	5	0	0	0	0	0	2	9	12	8	0	0	0	22	9	0	6	2	4	2	1	9	7							
	21	1016.8	-	12.9	2.6	10.6	71	5.3	0	7	6	15	3	0	0	0	0	0	8	7	16	0	0	0	0	8	23	0	0	7	4	1	2	3	10	4						
7b NORTH WALES																																										
Valley [Anglesey]																																										
11	3	1016.5	-	9.9	0.7	11.1	90	5.9	1	4	4	12	10	0	0	0	0	1	2	9	7	9	3	0	2	14	13	2	2	3	4	1	8	4	5	2						
	9	1017.0	+1.1	12.3	1.7	11.5	81	6.1	0	3	5	15	8	0	0	0	0	0	1	13	6	8	3	0	5	16	7	3	3	4	2	0	10	5	3	1						
	15	1016.7	-	14.0	2.5	11.7	74	5.5	0	7	3	14	7	0	0	0	0	1	0	8	9	6	7	0	5	18	6	2	3	5	2	0	7	9	3	0						
	21	1016.8	-	11.0	0.9	11.6	88	6.1	0	3	6	14	8	0	0	0	1	1	4	6	8	7	4	0	2	12	12	5	2	5	1	1	5	7	4	1						
Bardsey Island [Caernarvon]																																										
19	3	1016.5	-	9.8	0.3	11.7	97	6.0	3	0	8	6	12	2	0	1	0	1	0	0	9	9	11	0	0	7	20	4	3	1	5	4	2	3	5	4						
	9	1017.1	-	10.8	0.4	12.3	95	6.6	0	1	7	9	11	3	0	1	1	1	0	0	8	8	9	3	0	8	17	6	4	2	1	3	6	1	7	1						
	15	1017.0	-	11.7	0.6	12.7	92	5.8	0	4	8	8	10	1	0	0	1	0	2	6	7	8	7	0	0	10	18	3	9	0	0	4	8	3	4							
	21	1016.9	-	10.3	0.3	12.1	96	6.3	1	2	5	8	14	1	0	0	0	1	0	7	13	6	4	0	0	6	21	4	5	1	4	0	6	5	5	1						
8a SOUTH WALES																																										
Aberporth [Cardigan]																																										
134	3	1016.8	-	9.5	0.7	10.7	91	5.6	2	3	5	15	4	2	1	1	0	0	3	3	7	11	3	2	0	9	21	1	1	1	4	0	10	1	6	7						
	9	1017.3	+1.5	11.4	1.3	11.3	84	6.8	0	2	1	17	10	1	0	1	0	0	1	4	6	12	7	0	0	11	16	4	1	1	2	3	4	3	1	12						
	15	1017.2	-	12.5	1.9	11.4	80	5.8	1	4	5	13	6	2	0	2	0	0	0	2	8	7	7	5	0	1	10	19	1	5	1	3	1	3	3	13						
	21	1017.2	-	10.6	1.1	11.0	87	5.9	0	6	1	16	6	2	1	1	0	0	2	1	8	11	6	1	0	0	11	18	2	1	0	4	6	5	3	5	5					
Milford Haven C.B. [Pembroke]																																										
39	3	1017.3	-	10.3	0.8	11.3	90	5.0	8	1	4	5	10	3	0	0	0	3	0	1	15	8	4	0	0	6	20	5	5	3	3	1	3	4	2	5						
	9	1017.8	+1.8	12.0	1.2	12.0	85	6.2	1	1	7	9	12	1	1	0	0	0	1	2	16	8	3	0	0	6	19	6	1	2	2	4	3	2	6	5						
	15	1017.4	-	13.6	2.0	12.0	77	5.4	2	2	9	8	8	2	1	0	1	1	0	1	13	10	4	0	0	12	17	2	6	0	1	1	4	10	5	2						
	21	1017.7	-	11.0	0.9	11.7	89	5.8	2	3	5	7	12	2	0	1	1	0	0	1	16	12	0	0	0	3	24	4	1	3	1	2	3	6	4	7						
Brynamman [Carmarthen]																																										
9	3	1017.2	-	12.3	1.3	12.2	85	5.9	0	3	5	17	5	1	0	1	0	0	3	4	13	2	8	0	0	1	25	5	0	2	5	2	2	1	7	7						
	15	1017.2	-	12.3	1.3	12.2	85	5.9	0	3	5	17	5	1	0	1	0	0	3	4	13	2	8	0	0	1	25	5	0	2	5	2	2	1	7	7						
	21	1017.2	-	11.2	0.7	12.2	91	5.2	1	7	5	7	11	0	0	0	0	4	5	12	6	4	0	0	0	0	19	12	1	2	1	3	1	1	5	5						
Mumbles [Glamorgan]																																										
37	3	1016.7	-	10.4	0.7	11.5	91	5.5	4	2	6	4	12	3	0	1	0	2	1	0	8	12	6	1	0	6	15	10	4	0	4	0	2	0	9	2						
	9	1017.3	-	11.8	1.3	11.7	85	6.1	1	1	7	12	8	2	0	1	1	0	2	3	13	7	4	0	0	7	19	5	1	2	7	1	0	5	8	2						
	15	1016.9	-	13.2	2.0	11.7	78	5.5	1	2	12	8	7	1	1	0	0	1	4	1	8	6	10	0	0	18	11	2	1	1	3	1	1	5	15	2						
	21	1017.0	-	11.6	1.1	11.8	86	6.0	1	4	5	10	9	2	0	0	2	0	0	1	11	8	8	1	0	9	18	4	3	1	3	1	0	4	9	6						
Rhoose [Glamorgan]																																										
69	3	1016.9	-	9.1	0.4	11.0	94	5.2	4	5	2	10	7	3	0	0	6	1	0	3	8	11	2	0	0	8	16	7	0	3	6	2	0	1	10	2						
	9	1017.4	+0.9	12.1	1.3	11.9	85	5.9	0	3	6	13	8	1	0	1	0	1	1	5	10	6	5	2	0	1	9	19	2	0	1	9	2	1	1	13	2					
	15	1016.8	-	14.6	2.4	12.4	75	5.1	1	7	5	11	7	0	0	0	0	0	4	10	4	6	7	0	0	18	13	0	0	3	3	2	2	4	16	1						
	21	1017.4	-	10.7	0.8	11.5	89	5.2	0	9	4	10	7	1	0	0	1	1	0	4	10	8	4	3	0	0	6	22	3	0	0	3	3	0	0	17	5					
8b ENGLAND, S.W.																																										
Yeovilton [Somerset]																																										
23	3	1017.2	-	8.9	0.7	10.4	91	5.3	2	3	10	5	7	4	0	0	1	5	2	4	13	4	2	0	0	1	17	13	3	2	3	1	1	1	6	1						
	9	1017.7	-	13.1	2.0	11.6	77	5.8	0	2	10	13	6	0	0	0	0	0	1	9	13	6	2	0	0	1	5	17	8	2	2	4	1	1	0	8	5					
	15	1017.0	-	17.0	4.0	11.9	62	4.9	1	6	9	11	4	0	0	0	0	0	4	10	9	8	0	0	2	14	13	2	1	2	3	3	2	5	10							
	21	1017.5	-	12.1	1.6	11.5	81	4.8	0	8	8	9	6	0	0	0	0	0	0	7	13	5	6	0	0	0	3	17	11	0	1	1	3	0	1	4	10					
Portland Bill [Dorset]																																										
54	3	1016.7	-	9.8	0.3	11.7	97	4.5	4	7	5	5	6	4	1	1	3	0	0	0	18	5	3	0	0	0	10	14	7	6	2	6	0	0	4	6						
	9	1017.4	-	11.4	0.7	12.4	92	5.3	2	3	9	6	9	2	0	1	0	1	2	8	8	9	2	0	0	1	12	16	2	4	2	8	1	2	0	9	3					
	15	1017.0	-	12.7	1.1	12.7	88	4.6	2	8	7	7	4	3	0	2	1	1	1	5	10	4	7	0	0	0	13	18	0	2	0	7	1	2	3	11	5					
	21	1017.0	-	10.7	0.5	12.1	94	4.3	3	11	4	5	7	1	0	0	0	1	0	3	17	5	5	0	0	0	9	17	5	5	1	4	1	1	0	4	10					
Hartland Point [Devon]																																										
93	3	1016.4	-	9.6	0.4	11.4	95	5.2	4	2	8	5	6	6	0	6	0	0	1	3	5	7	8	1	0	1	11	14	5	1	7	0	2	3	2	7	4					
	9	1017.3	-	10.9	0.8	11.7	90	6.1	1	3	5	10	7	5	0	6	0	0	0	3	8	8	3	3	0	0	4	17	10	0	5	1	1	1	4	8	1					
	15	1017.0	-	11.9	1.2	11.9	86	5.5	0	6	6	10	6	3	0	2	0	1	1	1	9	9	7	1	0	0	9	18	4	2	4	1	0	1	2	13	4					
	21	1017.0	-	10.7	0.5	12.1	94	4.3	3	11	4	5	7	1	0	0	0	1	0	3	17	5	5	0	0	0	9	17	5	5	1	4	1	1	0	4	10					
Mount Batten [Devon]																																										
30	3	1017.3	-	9.4	0.3	11.3	96	4.9	4	2	9	10	5	1	0	1	0	1	0	6	6	14	3	0	0	0	6	18	7	7	0	5	3	2	1	4	2					
	9	1017.9	+1.6	12.5	1.3	12.2	85	5.6	0	5	6	13	7	0	0	0	0	0	4	10	8	7	2	0	1	5	23	2	4	1	3	4	1	8	5	3						
	15	1017.5	-	13.8	1.8	12.6	80	4.8	0	11	4	9	7	0	0	0	0	0	2	10	7	8	4	0	0	16	15	0	3	0	2	1	2	15	2	6						
	21	1017.9	-	11.3	1.0	11.9	89	4.5	0	11	5	11	4	0	0	0																										

TABLE II—ADDITIONS - MAY, 1970

DISTRICT COUNTY AND PLACE			HEIGHT OF VANE IN METRES			DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED										Mean Hourly Wind Speed in knots	HIGHEST VELOCITIES					
			Above Mean Sea Level	Above ground	Effective Height	34 Knots or more (Gale force)			22 to 33 knots		11 to 21 knots	4 to 10 knots	Less than 4 knots	No Record	HIGHEST HOURLY WIND			HIGHEST GUST				
						Dates of Occurrence	Dura- tion (hr)	No.of days	Duration in Hours						Veer from N		Speed in knots	Hour ended at day hour	Veer from N	Speed in knots	Day and Time	
0	Inverness	Dalcross	19	10	10	-	0	7	19	384	234	100	7	10.9	120	30	6 11	120	42	6 1020		
4	Notts	Watnall	130	13	10	-	0	0	0	173	473	98	0	7.7	290	21	21 13	290	40	21 1215		
7b	Merioneth	Trawsfynydd	194	10	10	-	0	0	0	188	398	158	0	7.7	030	20	10 16	270	32	21 1330		
9	Londonderry	Coleraine Univ.	23	10	10	-	0	0	0	319	294	131	0	9.4	300	21	21 06	320	40	21 1015		
8b	Cardigan	R.A.E. Aberporth	144	10	10	-	0	5	9	245	369	121	0	8.7	160	24	4 12	160	34	4 1220		

TABLE III—ADDITIONS AND CORRECTIONS

YEAR	MONTH	STATION	Max. Temp. hr. GMT of Observation Min.	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days												BRIGHT SUNSHINE			
					MEANS OF		Daily Mean (mean of A & B)	Difference from 1931—50 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1916—50 average	MOST IN A DAY		Precip'n			Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931—50 average	Exposure
					Max. (A)	Min. (B)			Maximum	Date	Minimum	Date					Amount (mm)	Date	0.2 mm or more	1.0 mm or more														
1955	February	Sheffield*												41.2																				
	Annual	Sheffield*												49.0																				
1956	May	Rothamsted*			64.6		53.7																											
	Annual	Rothamsted*			54.2																													
1957	January	Southgate																													1.39			
	March	Brighton																												3.64				
		Fernhurst																												3.09				
1969	February	Helmshore																															S	
	March	Helmshore																															S	
	April	Helmshore																															S	
		Cheldon Barton																																
	May	Cheldon Barton																																
		Helmshore																																
	July	Malham Tarn																															S	
		Cardiff																													(3.54)			
	December	Shoeburyness																																
		Craighouse			8.0	3.2	5.6	-	10.6	6,8,21	0.0	4,5	-	-	182	-	21 13	25 22	9	0	-	-	-	-	0 0	4	-	-	-	-	-	-		
1970	January	Aros													152	-	32 20	22 16																
		Craighouse			7.0	3.3	5.1	-	10.6	21	-1.7	3,7	-	-	87	-	18 11	23 16																
		Mepal																																
		Elmstone																																
		Throwley																																
		Rogate											5.0																					
		Bracknell																																
		S. Farnborough								9		7																						
		Lacock										4																						
		Southport													82																			
		Carmarthen																																

* Corrections in °F.

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Monthly Weather Report

OF THE METEOROLOGICAL OFFICE

Summary of observations compiled from returns of official stations and voluntary observers.



Volume 87 Number 6.

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June 1970—Warm and sunny but with some heavy thunderstorms

Anticyclonic weather affected all areas during the first 5 days of the month and persisted over much of Scotland until the 19th. Elsewhere, however, relatively low pressure predominated from the 6th with easterly winds in most areas until on the 20th a westerly airstream became established over the British Isles and troughs of low pressure frequently crossed all districts.

Weather — The first 3 weeks of the month were mainly sunny and warm in most areas away from the North Sea coast. Although many parts of the country remained dry during this period, other places had violent thunderstorms, especially during the second week. Flooding followed intense falls of rain and some places recorded more than twice their June average rainfall in a very short interval of time. Damage due to lightning occurred in many areas. The last 10 days of June were changeable everywhere and rain, which was sometimes thundery, fell on most days.

Wind — Gales were reported locally on 6 days in England, on 2 days in Scotland and Northern Ireland and on 1 day in Wales. Gusts over 40 kt were reported on the south coast of England from the 3rd to 5th and occurred more widely at times during the last week.

Temperature — Monthly mean temperature in most areas was 1–2 degC above average. Near the east coast mean temperature was above average but the excess reached over 2 degC in parts of the north and west of the United Kingdom. Around Manchester and Southampton June 1970 ranks as the warmest June since records became available in these localities in 1877 and 1901 respectively.

Away from the east coast the first 3 weeks were warmer than average. During the second week temperatures in many inland areas exceeded 29°C in the south and 27°C in the north, while night temperatures also remained above average. Although the last 10 days were cooler in most districts, eastern areas were generally warm. Maxima recorded during the month included: 31.7°C at Maldon (Essex) on the 10th; 30.6°C at Barr (Ayrshire) on the 11th; 28.9°C at a number of places in Wales on the 10th; 27.5°C at Banagher, Caugh Hill (Co. Londonderry) on the 11th.

Despite warm days during the first week there were a few cold nights in some northern areas, and, later, ground frost occurred in parts of Kent around the 15th. Temperatures were generally below average during the last 10 days (except in eastern areas) and ground frost was reported in Northern Ireland on the 30th. Apart from upland areas, minimum temperatures during the month included: 0.0°C at Strachan (Kincardineshire) on the 14th; 0.6°C at Kielder Castle (Northumberland) on the 5th; 1.7°C at Corwen (Merioneth) on the 5th and 6th and at Woodburn North (Co. Antrim) on the 30th.

Rainfall — Large areas of the country had below average rainfall but the average was substantially exceeded in a few localities because of heavy local falls of rain in thunderstorms. At Pershore College of Horticulture (Worcestershire) the months rainfall amounted to 394 per cent of average whereas at Stratford-on-Avon, about 25 miles away, only 88 per cent of average was recorded. Despite thunderstorms, many places had very little rain until the 23rd.

Noteworthy rainfall features of the month were associated with thunderstorms and intense local rainfalls in some places contributed to 'daily' falls near to or in excess of 100 mm. All the heavy falls of rain in short periods of time given below are classified as 'very rare'; that is their statistical frequency of occurrence at a particular place is limited to one occasion in 160 years, or even less frequently. On the 7th, heavy thunderstorms broke out in east Scotland and nearly 93 mm of rain fell in 117 minutes at Lossiemouth (Moray); a fall of such intensity can be expected to occur, on average, at any one place on only 1 day in about 450 years. (The June average rainfall at Lossiemouth is 51 mm.) On the 9th over 62 mm of rain were reported to have fallen in

45 minutes at Launceston (Cornwall). Thunderstorms occurred widely in England and Wales on the 11th and 67 mm of rain fell in 25 minutes at the Radar Research Establishment, Pershore. Other intense rainfalls on the 11th occurred at Rawtenstall (Lancashire), Reading (Berkshire) and London/Heathrow Airport where sudden flooding of the runways resulted in the temporary closure of the airport. During violent thunderstorms in the east Midlands and East Anglia on the 27th about 83 mm of rain fell in 2 hours in Cambridge.

Thunder occurred on 20 days in England, on 14 days in Scotland, on 12 days in Wales and on 7 days in Northern Ireland; in some areas the number of days with thunder reported was twice the average for June. On the 11th, hailstones 20–22 mm in diameter fell at Ross-on-Wye, Reading and Manchester. On the 27th large hailstones caused great damage to crops and glasshouses at Fleckney, near Leicester, and at Whittlesey, near Peterborough, where hailstones were described as 'the size of golf balls'. According to the Farming Press more than 4000 acres of growing crops were devastated in the Isle of Ely and thousands more acres were badly damaged causing severe financial loss to farmers and growers. During the month four persons were reported killed by lightning and others were injured.

Sunshine — Although parts of south-west England and east Scotland recorded less sunshine than average, all other areas had above average amounts. Among the most favoured areas was extreme north-west Scotland where Stornoway (Hebrides) had its sunniest June since records commenced in 1880. London Weather Centre had its highest June sunshine total since records began in 1929. Apart from some areas on the east coast, sunshine was abundant in many places during the first 20 days. Although sunshine was less plentiful towards the end of the month southern and eastern districts continued to have sunny periods.

Fog — From the 1st to 20th sea fog often affected eastern coasts of England and Wales and sometimes extended well inland at night, covering high ground. Isolated patches of morning fog formed occasionally in southern areas during the month and fog covered hills in western areas at times during the last week.

Miscellaneous Phenomena — On the 27th three waterspouts were observed simultaneously in the Wash near Kings Lynn.

TABLE I—DISTRICT VALUES, June 1970

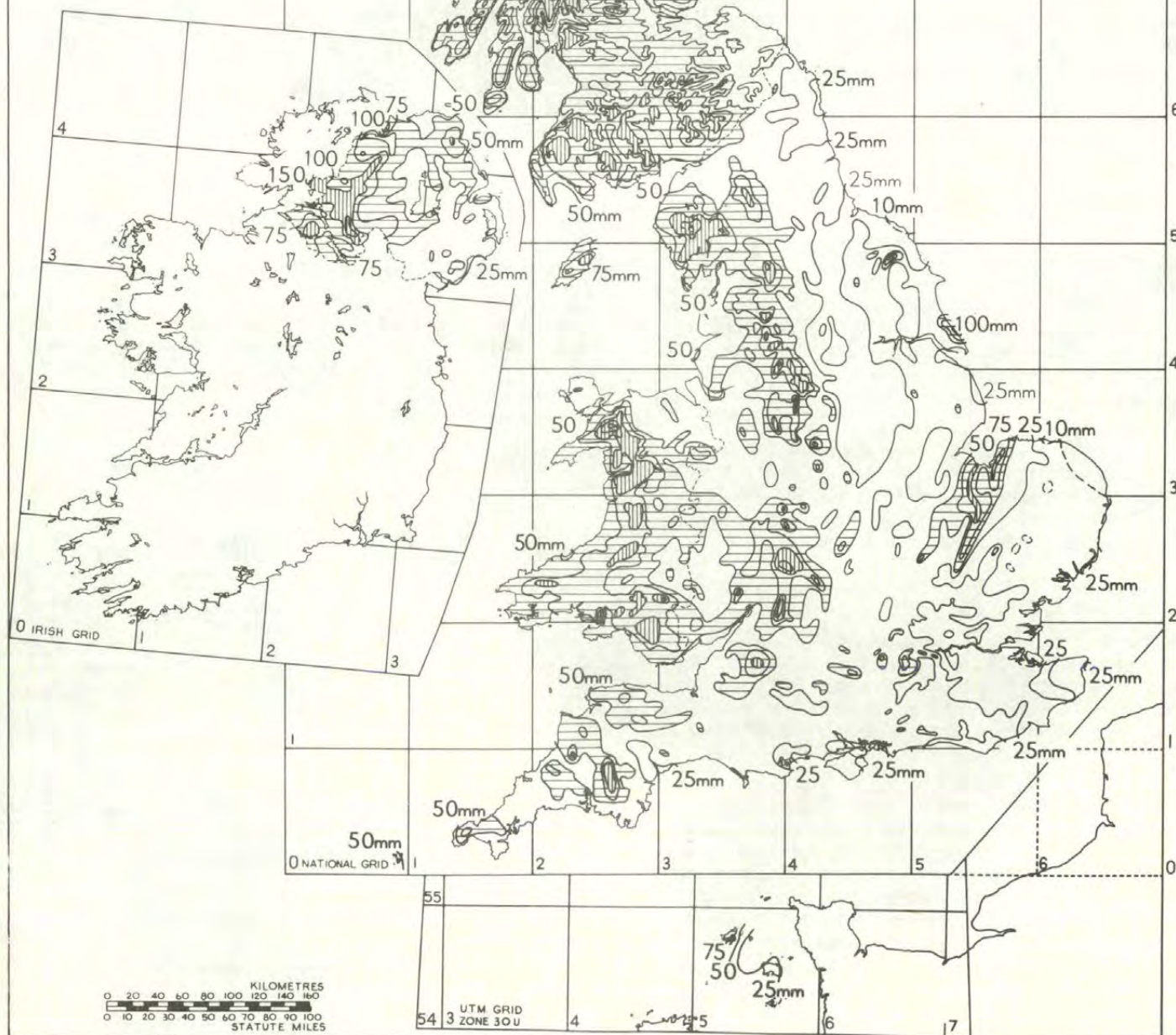
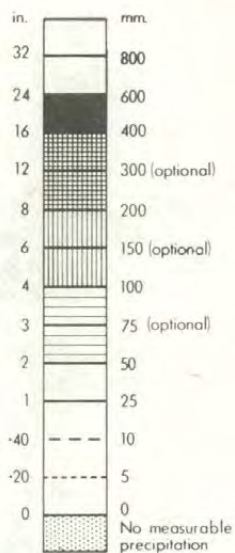
DISTRICTS	AIR TEMPERATURE °C					EARTH TEMP. °C		RAIN DAYS	RAIN-FALL	SUNSHINE
	*Highest Max.	*Lowest Min.	Max.	Min.	Mean	Mean 30 cm.	Mean 122 cm			
	Difference from Average									
0 SCOTLAND, N.	23.4	2.3	+2.2	+1.2	+1.7	+1.6	+0.1	-7	68	147
1 SCOTLAND, E.	26.1	2.8	+1.2	+0.6	+0.9	+0.8	+0.4	-3	94	118
2 ENGLAND, N.E.	26.7	4.4	+1.5	+0.7	+1.1	+1.6	+0.8	-6	57	130
3 ENGLAND, E.	28.9	4.4	+1.7	+1.0	+1.4	+1.2	+0.9	-4	70	129
4 MIDLANDS	28.6	6.1	+2.4	+1.1	+1.7	+1.7	+1.1	-4	110	128
5 ENGLAND, S.E.	29.1	3.9	+1.9	+1.2	+1.6	+0.8	+0.4	-4	71	120
6 SCOTLAND, W.	28.3	4.2	+2.3	+1.4	+1.8	+0.8	+0.4	-5	79	124
7 ENGLAND, N.W and N.Wales	29.4	3.9	+3.0	+1.4	+2.2	+0.8	+0.4	-3	73	129
8 ENGLAND, S.W. and S.Wales	28.9	4.4	+1.6	+1.4	+1.5	+0.7	+0.7	-1	79	110
N.IRELAND	27.7	3.6	+2.3	+1.4	+1.9	-	-	-1	78	117
SCOTLAND	28.3	2.3	+1.9	+1.0	+1.5	-	-	-5	87	130
ENG. and WALES	29.4	3.9	+2.0	+1.1	+1.6	-	-	-4	83	124

*Highest Max. and Lowest Min. of the District Value Stations.

FH3A

RAINFALL JUNE 1970

The equivalent values in inches
are given in round numbers.
The exact relation is 10in. = 254mm.



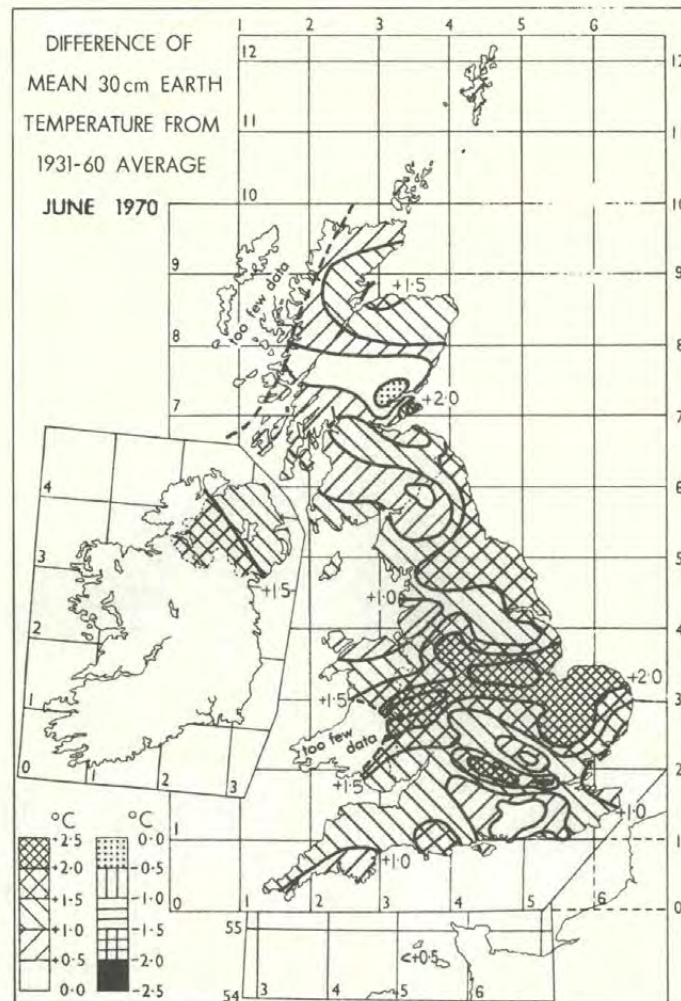
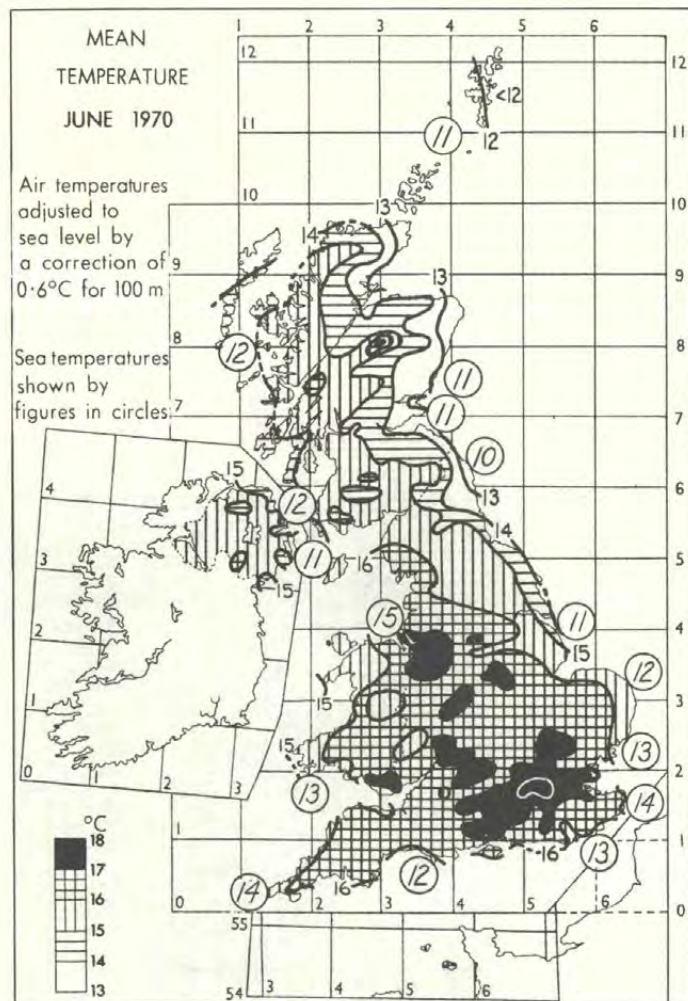
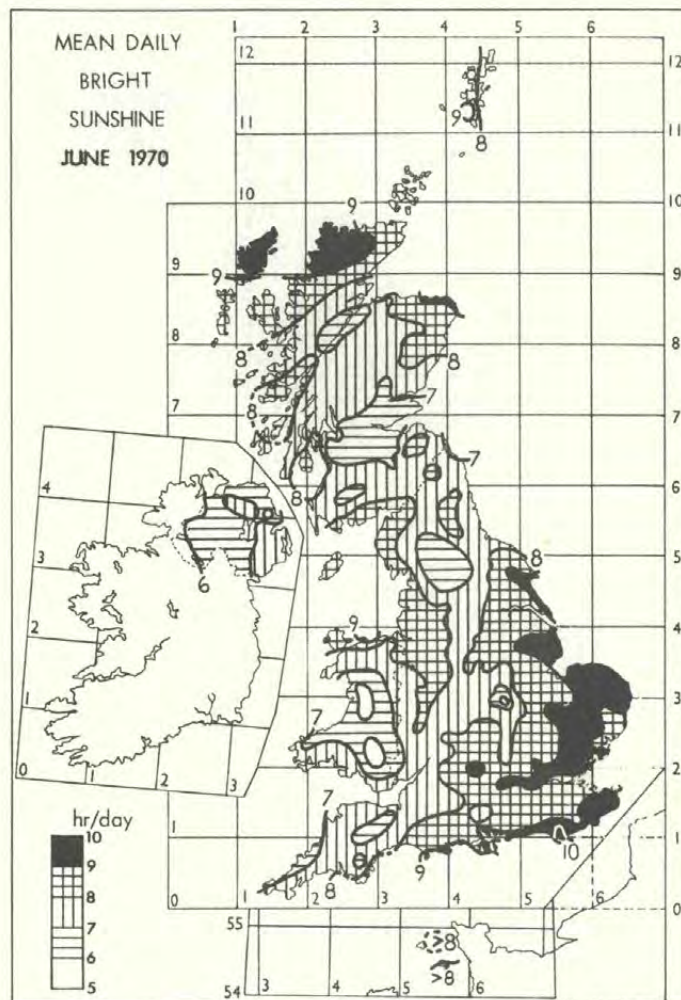
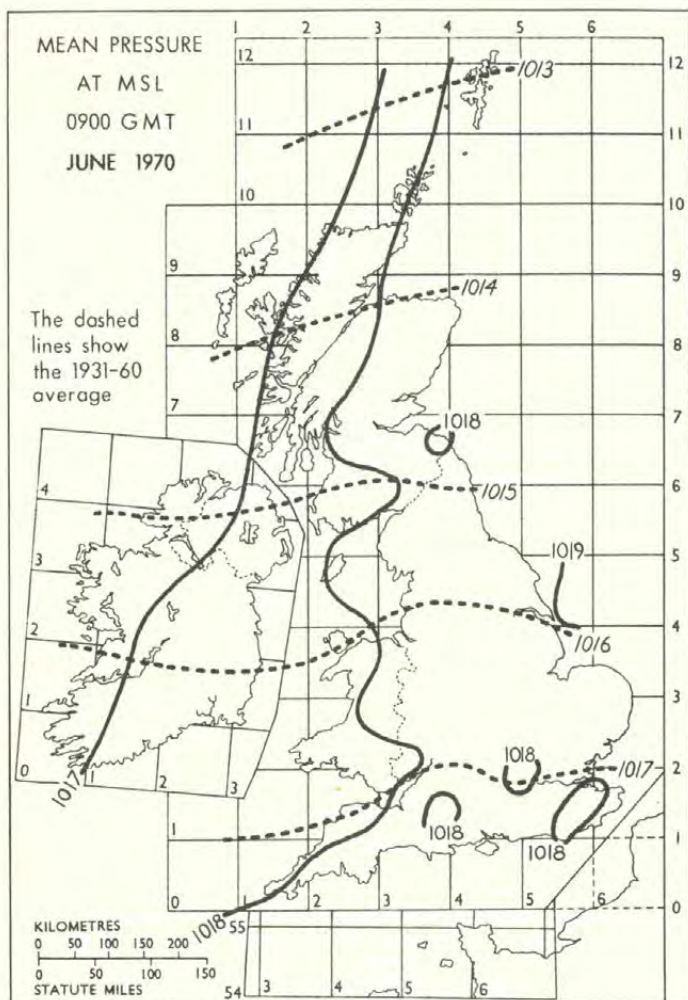


TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND—

JUNE, 1970

DISTRICT COUNTY AND PLACE	HEIGHT OF VANE IN METRES			DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED										Mean Hourly Wind Speed in knots	HIGHEST VELOCITIES					
	Above Mean Sea Level	Above ground	Effective Height	34 Knots or more (Gale force)		22 to 33 knots		11 to 21 knots	4 to 10 knots	Less than 4 knots	No Record	HIGHEST HOURLY WIND			HIGHEST GUST					
				Dates of Occurrence	Duration (hr)	No. of days							Year from N		Speed in knots	Hour ended at day hour	Year from N	Speed in knots	Day and Time	
0 SCOTLAND N.																				
Zetland Lerwick	93	10	10	-	0	1	13	192	426	89	0	8.4	230	27	25	15	230	42	25 1440	
Orkney Kirkwall	41	15	10	25	1	4	32	338	280	69	0	10.8	240	34	25	20	240	48	25 1945	
Caithness Dounreay	34	12	9	-	0	8	40	362	266	52	0	11.6	140	31	4	13	140	41	4 1245	
Wick	45	10	10	-	0	1	12	157	462	89	0	8.3	260	29	25	15	260	44	25 1500	
Sutherland Shin	24	10	10	-																
Ross & Stornoway (C'Gd)	37	12	11	-	0	6	42	217	271	190	0	8.9	200	33	3	13	200	45	3 1235	
Cromarty Duirinish	38	20	17	-	0	3	8	224	385	100	3	8.7	240	24	25	15	230	36	25 1340	
Inverness Benbecula	16	10	10	-	0	7	35	236	385	64	0	9.8	160	27	21	09	160	40	21 0955	
Corpach	23	15	12	§																
Fort Augustus N.S.H.E.B.	58	16	16	-	0	1	2	134	345	239	0	6.3	210	23	21	07	210	39	21 0640	
Cairngorm	1075	10	10	Ø																
1 SCOTLAND E.																				
Moray Kinloss	18	13	13	-	0	2	13	131	397	179	0	7.4	260	30	25	16	260	44	25 1505	
Lossiemouth	31	24	18	-	0	1	9	113	376	222	0	6.5	270	27	25	16	290	40	25 1230	
Aberdeen Dyce	72	10	10	-	0	1	1	207	311	201	0	7.7	250	23	25	11	260	38	25 1010	
Fraserburgh	29	13	11	-	0	1	2	167	443	46	62	8.2	270	23	25	09	270	38	25 0735	
Angus Bell Rock	39	40	38	-	0	10	53	346	247	74	0	11.7	250	30	24	24	280	41	25 1655	
Perth Rannoch	307	17	17	§																
Tummei Bridge	161	16	16	-	0	0	0	65	398	249	8	5.0	280	18	25	13	280	35	25 1240	
Fife Leuchars	25	13	13	-	0	3	13	242	328	137	0	8.9	250	27	25	12	250	43	25 1105	
Midlothian Turnhouse	43	13	10	-	0	2	12	187	446	75	0	8.5	250	30	25	13	260	47	25 1150	
6a SCOTLAND, W.																				
Argyll Tiree	27	18	14	-	0	7	63	271	219	167	0	10.3	320	33	29	03	320	46	29 0255	
Machrihanish	24	13	13	-	0	4	27	244	322	127	0	9.3	300	31	29	05	300	43	29 0435	
Dunbarton Cumbernauld	166	10	10	-	0	2	5	382	233	75	25	10.6	240	26	25	17	250	39	25 1615	
Renfrew Paisley	57	25	9	-	0	1	4	250	378	88	0	8.7	270	25	25	11	270	49	25 1150	
Abbotsinch	16	10	10	-	0	1	6	254	381	79	0	9.0	250	30	25	12	240	42	25 1020	
Ayr Ardrossan	24	20		-	0	4	15	409	208	50	38	11.6	310	29	29	13	250	38	25 0915	
Hunterston	13	10	10	Ø																
Prestwick	21	10	10	-	0	1	3	161	393	163	0	7.6	320	24	29	13	320	36	29 1235	
Dumfries Eskdalemuir	259	10	10	-	0	2	3	171	413	133	0	7.7	240	23	25	12	200	36	24 1905	
Wigtown West Freugh	25	10	10	§																
6b ISLE OF MAN																				
Ronaldsway	25	10	10	-	0	1	3	221	397	99	0	8.6	310	24	29	17	310	36	29 1540	
Point of Ayre	20	10	10	-	0	2	18	292	360	50	0	10.1	310	30	29	11	300	43	29 0850	
2 ENGLAND, N.E.																				
Durham Durham	119	16	10	-	0	0	0	63	491	166	0	6.1	190	21	24	16	190	36	24 1505	
South Shields	22	17	13	-	0	0	0	119	425	176	0	6.5	340	18	29	18	220	30	24 1540	
Yorks N.R. Leeming	42	10	10	-	0	0	0	207	393	120	0	8.1	180	21	22	12	180	32	22 1130	
Middlesbrough	23	19	19	-	0	2	5	310	264	63	78	10.1	230	27	24	17	220	41	24 1610	
Lincoln Waddington	80	10	10	-	0	0	0	292	396	32	0	9.8	260	20	29	15	260	33	29 1310	
Cranwell	77	13	13	-	0	0	0	196	317	207	0	7.1	270	21	29	15	210	33	22 1545	
Coningsby	16	10	10	-	0	2	6	259	371	78	6	9.0	280	24	29	15	280	35	29 1405	
Binbrook	118	10	10	-	0	0	0	234	411	75	0	8.6	260	19	29	13	260	31	29 1250	
Manby	26	10	10	-	0	0	0	129	437	154	0	7.1	260	18	29	15	250	30	29 1015	
3 ENGLAND, E.																				
Norfolk Marham	29	10	10	-	0	0	0	194	379	147	0	7.8	280	20	29	16	160	34	27 1240	
West Raynham	93	17	14	†																
Coltishall	27	10	10	-	0	0	0	152	416	152	0	7.1	160	19	27	14	160	32	27 1350	
Suffolk Honington	60	13	13	-	0	1	1	187	407	125	0	7.7	170	22	27	14	170	38	27 1355	
Wattisham	104	16	10	-	0	1	1	171	453	95	0	8.0	180	22	27	15	180	40	27 1355	
Bedford Bedford	94	13	9	-	0	0	0	252	402	66	0	8.9	270	19	29	17	090	47	27 1125	
Cardington	69	41	41	-	0	0	0	229	440	51	0	8.6	270	20	29	14	280	33	29 1420	
Hertford Garston	94	15	10	-	0	0	0	47	450	223	0	5.3	290	15	29	14	280	31	29 1445	
Rothamsted	141	13	10	-	0	0	0	42	461	193	24	5.5	080	16	4	15	080	30	4 1425	
Essex Stansted	108	10	10	-	0	0	0	104	443	173	0	6.5	150	20	27	14	140	33	27 1315	
Shoeburyness	36	32	28	-	0	7	42	361	285	32	0	11.9	160	33	27	13	160	45	27 1230	
4 MIDLAND COUNTIES																				
Yorks W.R. Sheffield	162	25	11	-	0	0	0	212	364	133	11	8.0	270	21	29	12	270	34	29 1135	
Church Fenton	18	10	10	-	0	0	0	144	440	136	0	7.4	290	20	29	16	290	33	29 1515	
Notts Finningley	19	10	10	-	0	1	2	138	392	188	0	6.8	090	23	4	14	090	40	4 1410	
Rutland Cottesmore	143	13	13	-	0	0	0	134	406	180	0	6.8	220	20	27	16	220	39	27 1550	
N'hampton Wittering	83	10	10	-	0	0	0	258	406	56	0	9.1	280	21	29	15	280	35	29 1450	
Warwick Edgbaston	196	36	22	-	0	0	0	113	534	73	0	7.4	290	18	29	11	030	34	11 1500	
Elmdon	105	10	10	-	0	1	1	122	417	180	0	6.8	290	22	29	12	290	38	29 1345	
Oxford Brize Norton	91	13	10	-	0	0	0	214	385	121	0	8.1	090	19	4	14	250	3		

TABLE II (continued)—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— JUNE, 1970

DISTRICT COUNTY AND PLACE		HEIGHT OF VANE IN METRES			DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED										Mean Hourly Wind Speed in knots	HIGHEST VELOCITIES					
		Above Mean Sea Level	Above ground	Effective Height	34 Knots or more (Gale force)		22 to 33 knots		11 to 21 knots	4 to 10 knots	Less than 4 knots	No Record	HIGHEST HOURLY WIND			HIGHEST GUST					
					Dates of Occurrence	Dura- tion (hr)	No. of days	Duration in Hours				Veer from N	Speed in knots	Hour ended at day hour		Veer from N	Speed in knots	Day and Time			
7a ENGLAND, N.W.																					
Cumberland Sellafield		25	12	11	-	0	1	10	167	322	221	0	6.8	290	27	29 08	290	39	29 0815		
Carlisle		41	13	9	-	0	0	0	232	348	140	0	8.0	240	18	25 12	250	29	24 1940		
Spadeadam		292	16	15	-	0	0	0	239	390	91	0	8.9	240	20	24 19	240	37	24 1835		
Westmorland Great Dun Fell ...		857	10	10	24, 25	10	18	139	407	125	39	0	15.5	210	38	24 15	210	49	24 1415		
Moor House		597	15	14	24, 25	3	5	31	302	252	131	1	10.1	240	38	25 03	240	50	25 0205		
Lancashire Squires Gate ...		26	16	11	-	0	1	15	279	401	25	0	10.2	290	28	29 12	290	43	29 1125		
Aigburth		38	23	11	-	0	2	7	169	462	82	0	8.3	290	23	29 11	290	40	29 1010		
Southport		19	14	11	-	0	2	19	125	358	218	0	6.9	310	31	29 13	310	47	29 1255		
Fleetwood		34	15	9	29	1	2	19	111	384	205	0	7.1	310	34	29 12	300	45	29 1000		
Speke		30	10	10	-	0	1	10	192	431	87	0	8.3	300	25	29 13	300	39	29 1105		
Manchester/W.Centre		82	45	17	-	0	0	0	300	380	40	0	9.8	070	21	4 15	270	46	29 1130		
Cheshire Bidston		80	20	12	-	0	1	12	112	467	122	7	-	280	26	29 12	290	44	29 1125		
Ringway		80	10	10	-	0	0	0	214	404	102	0	8.1	280	18	29 13	280	30	29 1200		
7b NORTH WALES																					
Anglesey Valley		26	16	12	-	0	9	77	324	244	75	0	12.5	290	29	29 10	290	41	29 1015		
8a SOUTH WALES																					
Cardigan Aberporth		135	13	11	-	0	0	0	242	267	174	37	7.9	090	20	4 09	090	33	4 0835		
Pembroke Milford Haven C.B.		47	10	10	-	0	2	8	186	359	158	9	7.8	130	23	4 02	130	39	4 0105		
Glamorgan Port Talbot		28	12	11	-	0	2	8	186	359	158	9	7.8	130	23	4 02	130	39	4 0105		
Rhose		77	10	10	-	0	0	0	321	308	91	0	9.4	270	20	29 12	270	34	29 1140		
8b ENGLAND, S.W.																					
Dorset Portland Bill C.G.		60	13	13	-	0	2	5	266	404	45	0	9.6	140	24	4 15	140	35	4 1420		
Devon Mount Batten ...		64	13	13	-	0	7	21	287	350	62	0	10.0	100	30	4 17	100	51	4 1635		
Chivenor		19	13	10	-	0	0	0	201	375	144	0	7.6	300	21	29 14	250	30	22 0930		
Cornwall Scilly		70	20	17	-	0	1	1	257	251	211	0	8.3	270	22	30 21	110	36	4 1620		
Lizard		96	23	18	-	0	7	60	391	227	42	0	12.6	100	29	4 16	100	44	4 1540		
St. Mawgan		120	13	13	-	0	2	5	284	385	46	0	10.0	110	29	4 15	110	45	4 1435		
9 NORTHERN IRELAND																					
Londonderry Ballykelly		13	12	10	-	0	3	17	224	272	207	0	8.0	280	27	29 01	280	39	29 0035		
Antrim Aldergrove		80	10	10	-	0	1	1	211	433	75	0	8.6	160	23	21 17	160	38	21 1650		
Ballypatrick Forest		166	13	13	-	0	7	54	401	187	71	7	12.0	280	31	29 02	290	52	29 0130		
Belfast Harbour ...		21	18	18	-	0	3	33	287	331	69	0	10.0	300	27	29 09	310	41	29 0850		
Down Kilkeel		35	18	14	-	0	4	16	312	246	146	0	9.2	180	25	21 12	180	41	22 0215		
Orlock Head		51	16	12	-	0	5	27	362	313	18	0	11.3	260	29	29 03	170	44	21 1450		
Armagh Portadown		26	10	10	-	0	0	0	140	433	147	0	6.7	140	20	21 17	150	34	21 1725		
Tyrone Carrigans		129	10	10	-	0	1	1	250	289	171	9	8.2	160	22	21 18	160	34	21 1750		
Fermanagh Castle Archdale Forest		80	13	13	-	0	0	0	181	315	224	0	6.8	290	17	29 05	300	36	29 0500		
CHANNEL ISLES																					
Jersey Airport ...		98	18	12	-	0	0	0	322	351	47	0	9.8	080	20	4 14	070	33	4 1505		

† Anemograph dismantled for re-erection * Defective record ‡ Record ceased § Incomplete record ¶ Anemograph out of order ** Record ceased temporarily

TABLE III —SUMMARY OF DAILY OBSERVATIONS JUNE, 1970

DISTRICT, COUNTY AND PLACE	Max. Terminal hr. GMT Min. of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days										BRIGHT SUNSHINE				
			MEANS OF		Daily Mean (mean of A & B)	Difference from 1931--60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1916--50 average	Most in A DAY Amount (mm)	Date	Precip'n		Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. temp. °C.	Concrete min. below 0°C.	Gale	Daily Mean (hr.)	Percentage of 1931--60 average	Exposure
			Max. (A)	Min. (B)			Maximum	Date	Minimum	Date	0.2 mm or more	1.0 mm or more																			
													30 cm.	122 cm.																	
0 SCOTLAND, N.																															
Zetland																															
Hamnavoe ...	99	21	15.5	9.4	12.5	-	21.1	9	6.1	12	-	-	62	-	19	24	11	7	0	0	0	0	1	0	0	-	-	0	9.16	-	-
Lerwick ...	21-9	82	13.8	8.3	11.1	+1.1	16.5	10	3.9	12	-	-	65	114	19	24	8	6	0	0	0	0	1	1	0	0	0	0	7.69	146	-
Baltasound ...	99	24	15.1	7.8	11.5	-	18.9	21	3.9	14	10.1	-	38	59	18	27	7	4	0	0	0	0	0	0	0	-	-	0	7.85	-	-
Orkney																															
Sule Skerry ...	21-9	13	14.6	9.7	12.1	-	18.0	3	6.7	1	-	-	33	-	13	24	7	6	0	0	0	0	0	1	0	0	0	1	-	-	-
Stenness ...	99	23	16.9	8.8	12.9	-	22.2	10, 19	3.3	13	11.7	9.1	21	40	11	24	7	4	0	0	0	0	0	0	0	0	0	0	8.83	-	-
Kirkwall ...	21-9	26	16.0	8.6	12.3	+1.5	20.2	9, 19	4.9	12	-	-	23	44	13	24	8	4	0	0	0	0	1	0	0	0	0	1	8.41	163	-
Caithness																															
Dounreay ...	99	21	18.6	8.3	13.5	-	25.6	3	2.2	13	-	-	22	36	(9)	24	7	4	0	0	0	0	0	1	0	0	-	1	8.50	-	-
Wick ...	21-9	36	15.2	8.9	12.1	+1.3	18.4	22	2.3	13	-	-	20	38	4	24	7	6	0	0	0	0	0	0	0	2	0	0	8.26	150	-
John O'Groats ...	99	30	15.7	8.4	12.1	-	20.6	19	2.2	13	12.1	-	16	-	8	24	5	4	0	-	0	0	1	0	0	1	-	0	8.75	-	-
Sutherland																															
Cape Wrath ...	21-9	112	15.8	10.7	13.3	+2.7	24.0	4	6.5	1	-	-	36	47	10	30	10	7	0	0	0	0	0	2	0	0	0	0	9.61	-	-
Achany ...	99	85	19.7	7.0	13.3	-	26.7	3	1.7	6, 30	13.6	9.9	66	106	31	6	10	7	0	0	0	0	0	4	0	10	-	0	-	-	-
Strathy ...	99	37	19.6	8.5	14.1	+2.5	27.2	3	2.8	30	-	-	25	36	9	24	10	5	0	0	0	0	3	0	0	-	0	0	8.87	169	-
Achentoul ...	99	137	20.2	7.8	14.0	-	27.8	3	5.6	2, 16, 23	-	-	37	-	8	6	10	8	0	0	0	0	2	0	0	4	-	0	9.42	-	-
Ross & Cromarty																															
Stornoway ...	21-9	3	17.2	9.6	13.4	+1.8	23.4	9	3.4	1	-	-	42	65	13	30	10	8	0	0	0	0	0	0	0	0	0	0	9.27	161	-
Balmacara ...	99	4	20.1	11.0	15.5	-	26.1	4, 19	6.1	1	-	-	42	-	11	30	10	7	0	0	0	0	0	0	0	-	0	-	-	-	-
Poolewe ...	99	6	19.8	11.5	15.7	-	25.6	8	7.2	1	-	-	53	55	24	30	11	6	0	-	0	0	3	0	0	-	0	0	8.88	-	-
Rudh Re ...	21-9	16	17.1	11.4	14.3	-	23.4	8	6.0	1	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0	0	0	-	-	-	-
Inverpolly ...	99	14	20.1	10.6	15.3	-	26.7	4, 19	6.7	1, 16	13.3	-	55	68	12	30	11	10	0	0	0	0	2	-	0	0	-	0	9.46	-	-
Achnashellach ...	99	67	20.6	10.3	15.5	+3.1	27.2	4, 10	5.6	1	-	-	63	50	27	24	12	8	0	0	0	0	2	0	0	-	0	-	-	-	-
Kinlochewe ...	99	23	21.0	9.9	15.5	+2.7	28.3	19	6.1	1	13.8	-	66	55	18	30	11	9	0	0	0	0	2	0	0	0	-	0	7.64	-	-
Knockanrock ...	99	244	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Strathconon ...	99	107	19.9	8.0	13.9	-	27.2	3, 10	3.3	6	-	-	82	-	45	6	10	8	0	0	0	0	2	-	0	2	-	0	-	-	-
Fortrose ...	99	5	16.8	11.0	13.9	+1.4	23.3	4	7.2	1	-	-	62	136	42	6	8	6	0	0	0	0	1	1	0	-	0	7.13	125	-	
Tarbatness ...	21-9	18	15.9	10.0	12.9	+0.8	21.0	21, 22	5.5	1	-	-	45	109	21	6	8	6	0	0	0	0	0	2	1	0	-	0	-	-	-

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

JUNE,

1970

DISTRICT, COUNTY AND PLACE	Max. Temp. of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days												BRIGHT SUNSHINE				
			MEANS OF		Daily Mean (mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1916-50 average	MOST IN A DAY		Precip'n		Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure
			Max. (A)	Min. (B)			Maximum	Date	Minimum	Date					Amount (mm.)	Date	0.2 mm or more	1.0 mm or more													
0 SCOTLAND, N. -contd.																															
Inverness																															
Benbecula ...	21-9	6	18.1	10.8	14.5	+2.3	24.5	8	6.5	30	-	-	52	70	14	30	12	7	0	0	0	0	0	0	0	0	0	0	8.77	-	-
Isle of Rhum ...	99	5	19.8	10.7	15.3	-	26.1	8	5.6	30	16.9	12.1	91	57	23	30	7	7	0	0	0	0	1	0	0	0	0	1	-	-	-
Prabost ...	99	67	19.0	10.6	14.8	-	25.0	14	5.0	16	-	-	64	61	18	30	13	8	0	0	0	0	0	0	0	1	-	0	8.35	-	-
Duntulm ...	99	90	17.4	10.8	14.1	+2.6	22.8	8	5.6	1	-	-	47	56	12	30	12	7	0	0	0	0	0	0	0	0	0	0	8.44	148	-
Onich ...	99	15	20.5	10.4	15.5	+2.9	26.7	8, 9, 10	6.7	1, 5, 30	-	-	49	39	17	30	13	11	-	-	-	-	0	0	0	0	-	0	7.49	153	S
Fort William ...	99	8	20.7	10.8	15.7	-	27.2	9, 19	5.6	5	15.3	12.9	59	59	21	6	13	9	0	0	0	2	0	0	0	0	0	0	8.27	-	-
Corpach ...	99	8	21.4	9.9	15.7	-	28.3	10	(6.1)	5	-	-	73	-	23	10	11	10	0	0	0	2	0	0	0	0	0	0	-	-	-
Fort Augustus ...	99	21	18.9	9.9	14.4	+1.7	27.2	19	4.4	30	-	-	54	-	22	6	10	8	0	0	0	2	1	0	-	-	0	6.54	-	S	
Inverness ...	99	4	18.9	9.9	14.4	-	26.7	4	6.7	14	-	-	90	195	72	6	7	5	0	0	0	0	2	1	0	0	0	6.51	-	-	
Coire Cas Shieling ...	99	762	15.9	8.2	12.1	-	21.1	3, 19	1.7	1	-	-	139	-	70	6	13	9	0	0	0	2	6	0	-	-	0	-	-	-	-
Cairngorm ...	99	1090	13.2	5.9	9.5	-	18.9	9	-0.6	1	-	-	166	-	71	6	13	11	1	1	0	2	2	5	1	-	-	0	-	-	-
Achnagoichan ...	99	305	19.4	7.3	13.3	-	26.1	3	2.2	30	11.2	-	71	125	31	6	11	7	0	0	0	1	0	0	8	-	0	0	-	-	-
Glenmore Lodge ...	99	341	19.1	6.7	12.9	+1.7	26.0	3	1.1	14, 30	-	-	70	107	47	6	9	7	0	0	0	0	0	0	11	0	0	7.84	-	S	
1 SCOTLAND, E.																															
Nairn																															
Nairn ...	99	6	18.4	7.6	13.0	+0.4	25.6	4, 8	3.3	17	-	-	67	140	35	6	8	6	0	0	0	0	3	2	0	0	-	0	6.75	119	-
Moray																															
Grantown-on-Spey ...	99	229	19.8	6.6	13.2	-	26.7	3, 19	0.6	14, 30	-	-	61	-	27	6	10	8	0	0	0	0	2	0	0	12	-	0	-	-	-
Forres ...	99	50	19.7	9.3	14.5	+1.7	26.1	19	3.9	14	15.4	12.6	47	93	16	6	11	8	0	0	0	0	5	0	0	0	-	0	8.00	134	-
Kinloss ...	21-9	5	19.3	8.9	14.1	+1.6	25.6	19	4.4	14	13.0	-	43	87	15	6	9	6	0	0	0	1	4	0	0	1	0	0	8.31	-	-
Elgin ...	99	15	19.8	9.0	14.4	-	26.7	3	3.3	14	-	-	51	95	17	7	10	8	-	0	-	-	0	0	0	-	0	0	7.99	-	-
Lossiemouth ...	99	6	18.3	8.7	13.5	+1.0	26.1	19	3.9	14	-	-	128	250	106	7	9	7	0	0	1	0	3	0	0	0	0	0	-	-	-
Gordon Castle ...	99	32	20.3	9.1	14.7	+1.8	26.7	3, 19	3.9	14	-	-	26	46	7	27	10	7	0	0	0	0	0	-	0	-	0	0	8.26	146	-
Banff																															
Glenlivet ...	21-9	215	19.6	7.0	13.3	-	25.9	19	0.5	14	-	-	41	-	12	27	10	7	0	0	0	0	1	2	0	3	0	0	7.69	-	S
Banff ...	99	24	18.6	9.8	14.2	-	24.4	19	5.6	5	-	-	36	-	12	27	8	6	0	0	0	0	0	1	0	-	-	0	9.15	-	-
Aberdeen																															
Braemar ...	99	339	18.8	6.4	12.6	+1.2	24.4	9	1.7	5, 6	-	-	91	190	25	6	12	9	-	0	-	-	0	0	0	-	-	0	7.94	-	S
Balmoral ...	99	283	18.7	6.0	12.3	+0.8	25.0	3, 10	0.6	14	-	-	60	129	28	27	12	7	0	0	0	0	-	0	2	-	0	0	-	-	-
Dinnet ...	99	177	19.8	7.1	13.5	-	26.1	10	1.7	5, 14	13.4	-	35	-	19	27	11	5	-	0	-	-	0	0	3	-	0	0	8.04	-	-
Gartly ...	99	160	18.8	7.1	12.9	-	26.1	10	1.1	14	-	-	44	-	24	27	10	7	-	-	-	-	0	1	-	-	0	0	-	-	-
Inverurie S. Wks. ...	99	54	18.6	7.7	13.1	-	25.6	10, 20	1.7	14	-	-	51	-	23	27	8	6	0	0	0	0	0	0	2	-	0	0	8.01	-	-
Fyvie Castle ...	99	66	18.8	7.9	13.3	-	26.1	20	2.2	14	-	-	49	87	20	27	7	7	0	0	0	0	1	-	0	0	-	0	7.45	-	-
Craibstone ...	99	91	17.2	7.6	12.4	+0.6	23.9	10, 20	2.8	5	13.4	10.6	47	91	14	27	9	6	0	0	0	0	0	0	0	-	0	0	8.29	136	-
Dyce ...	21-9	58	17.4	7.6	12.5	+0.5	24.6	20	2.6	5	-	-	46	84	15	27	10	7	0	0	0	0	1	0	0	3	0	0	8.22	-	-
Aberdeen ...	99	52	16.7	8.7	12.7	+0.6	23.3	20	3.9	14	-	-	41	78	14	27	9	8	0	0	0	0	0	0	0	0	0	0	8.41	141	-
Fraserburgh ...	21-9	18	15.6	9.4	12.5	-	22.5	21	6.5	5	-	-	33	-	16	27	8	4	0	0	0	0	0	1	0	0	0	0	9.16	-	-
Kincardine																															
Fettercairn ...	99	171	17.7	7.9	12.8	+1.1	23.3	9, 10	3.3	5, 6, 14	-	-	45	75	11	27	9	6	0	0	0	0	3	2	0	2	-	0	6.90	-	-
Strachan ...	99	120	18.8	6.7	12.7	-	25.6	10	0.0	14	11.8	-	33	-	13	27	8	7	0	0	0	0	1	0	0	-	0	0	8.22	-	-
Banchory ...	99	77	19.3	8.3	13.8	-	26.7	10	2.8	5, 14	-	-	30	-	12	27	7	4	0	0	0	0	2	2	0	0	-	0	-	-	-
Angus																															
Mylnfield ...	99	30	17.7	9.4	13.5	-	23.3	10	5.6	1, 5, 14	13.6	9.8	55	123	18	27	12	10	0	0	0	0	1	2	0	0	-	0	7.38	-	-
Dundee ...	99	45	17.7	9.8	13.7	+0.5	23.9	20	6.1	1, 5, 14	14.9	-	77	152	18	6	11	9	0	0	0	0	1	1	0	1	-	0	7.02	-	-
Glamis Castle ...	99	61	18.6	7.6	13.1	-	25.0	10	2.2	5, 14	-	-	57	117	21	27	12	8	0	0	0	0	2	0	0	4	-				

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

JUNE,

1970

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DISTRICT, COUNTY AND PLACE			Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days												BRIGHT SUNSHINE		
						MEANS OF		Daily Mean (mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1916-50 average	MOST IN A DAY		Precip'n		Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure
						Max. (A)	Min. (B)			Maximum	Date	Minimum	Date					Amount (mm.)	Date	0.2 mm or more	10.0 mm or more													
						Max. (A)	Min. (B)	Maximum	Date	Minimum	Date	30 cm.	122 cm.	Amount (mm.)	Date	0.2 mm or more	10.0 mm or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure				
1 SCOTLAND, E. — contd.																																		
Berwick - contd.																																		
Marchmont ...			99	152	18.5	8.9	13.7	+1.0	26.1	10	5.0	1	-	29	56	8	27	9	8	0	0	0	0	0	0	0	0	0	0	0	8.01	133	S	
Whitchester ...			99	255	17.6	7.7	12.7	-	24.4	10	4.4	1,14	-	37	62	10	27	10	8	0	0	0	0	3	-	0	-	-	-	-	-	-	-	
St. Abb's Head			21-9	75	15.4	9.1	12.3	-	23.3	20	5.5	5	-	-	-	-	-	-	0	0	0	0	0	0	0	8	0	0	0	-	-	-	-	
Peebles																																		
Stanhope Farm			99	226	19.8	8.8	14.1	-	26.1	10	3.3	14	-	91	134	18	10	10	10	0	0	0	0	1	0	0	0	-	0	-	-	-	-	
Blyth Bridge ...			99	253	18.2	8.4	13.3	-	26.1	10	3.9	5,14	-	64	113	15	24	11	9	0	0	0	0	1	0	0	2	-	0	6.74	-	-	-	
West Linton ...			99	244	17.9	7.8	12.9	-	26.1	10	3.9	1,3	13.6	56	88	15	24	12	8	0	0	0	0	1	0	0	0	-	0	-	-	-	-	
Glentress ...			99	177	20.7	8.3	14.5	-	27.8	10	3.3	14	-	43	89	10	27	10	10	-	0	-	-	-	0	0	0	-	-	-	-	-	-	
Selkirk																																		
Bowhill ...			99	183	20.0	8.6	14.3	-	28.3	10	3.3	14	-	42	76	21	27	11	8	0	0	0	0	3	0	0	-	0	-	-	-	-	-	
Galashiels ...			99	198	18.8	8.7	13.7	-	27.2	10	3.3	14	-	67	-	43	27	11	8	0	0	0	0	2	0	0	-	0	-	7.52	-	-	-	
Roxburgh																																		
Wauchope ...			99	171	20.5	7.5	14.0	-	27.8	10	2.8	1,5,14	-	31	50	9	27	11	6	0	0	0	0	2	1	0	-	0	-	-	-	-	-	
Kelso ...			99	34	19.9	9.1	14.5	-	27.8	10	5.0	1,14	-	26	-	7	23	10	8	0	0	0	0	1	0	0	0	-	0	7.26	-	-	-	
Sourhope * ...			99	221	19.7	8.1	13.9	+1.8	27.8	10	1.7	5	-	33	-	10	23,27	8	7	0	0	0	0	0	1	0	1	-	0	8.30	-	-	-	
6a SCOTLAND, W.																																		
Argyll																																		
Tiree §§			21-9	9	17.2	10.8	14.0	+1.8	23.1	10	6.0	30	-	36	51	11	30	12	8	0	0	0	0	0	0	0	0	0	0	7.83	116	-	-	
Rhuvaal ...			21-9	20	17.8	11.2	14.5	-	23.6	8	5.9	30	-	41	46	13	23	11	7	0	0	0	0	0	0	0	0	0	-	-	-	-	-	
Colonsay ...			99	30	18.3	10.9	14.6	+2.1	24.4	9	5.0	30	-	37	44	11	23	10	8	0	-	0	0	1	1	0	-	0	-	-	-	-	-	
Aros ...			99	37	20.1	9.9	15.0	-	26.7	9	3.3	30	-	65	-	14	24	11	9	0	0	0	0	0	0	0	0	-	0	-	-	-	-	
Craighouse ...			99	3	19.2	10.6	14.9	-	26.1	9	6.1	30	-	85	-	24	28	10	10	-	0	-	-	-	0	0	0	-	-	-	-	-	-	
Machrihanish ...			21-9	10	18.1	10.6	14.3	-	24.1	8	5.2	30	-	44	-	8	24	11	9	0	0	0	0	1	1	0	0	0	0	7.54	-	-	-	
Campbeltown ...			99	12	19.1	11.6	15.3	-	24.4	8,11,19	6.1	1	-	44	-	8	24	11	9	-	0	-	-	-	1	0	-	-	-	7.99	-	-	-	
Achaglachgach ...			99	12	19.6	9.6	14.6	-	25.6	9,10	0.6	1	-	60	69	15	24	12	9	0	-	0	0	1	0	0	0	-	0	-	-	-	-	
Knapdale Forest			99	40	19.6	10.6	15.1	-	26.1	9	3.9	30	-	56	-	14	30	11	10	0	0	0	0	1	0	0	1	-	0	-	-	-	-	
Glenbranter ...			99	24	19.7	10.3	15.0	-	26.7	10	5.0	1	-	119	-	43	10	12	10	-	-	-	-	0	0	0	-	-	-	-	-	-	-	
Glen Etive ...			99	24	21.0	11.2	16.1	-	27.2	9	5.0	30	-	79	-	22	24	14	12	0	0	0	0	3	-	0	0	-	0	-	-	-	-	
Benmore Y.B.G. **			99	12	19.4	10.3	14.9	-	27.2	10	5.6	30	-	106	82	27	10	11	10	0	0	1	0	1	0	0	0	-	0	-	-	-	-	
Bute																																		
Kildonan ...			21-9	18	18.5	11.5	15.0	-	25.0	19	6.0	1	-	51	-	13	23	8	7	0	0	0	0	1	0	0	0	0	1	8.54	-	-	-	
Brodick Castle ...			99	15	19.9	10.5	15.2	-	26.7	9	5.6	7,30	17.1	52	-	13	24	9	7	0	0	0	0	2	0	0	0	-	0	-	-	-	-	
Rothsay §§			99	43	19.4	11.4	15.4	+2.4	27.2	9	6.1	1	14.5	67	76	17	23	10	10	0	0	0	0	1	0	0	0	-	0	8.12	130	-	-	
Dunbarton																																		
Finnart ...			99	15	19.2	10.8	15.0	-	25.6	9,10	7.2	1,(3)	-	93	-	22	10	12	11	0	0	0	0	1	-	0	-	0	-	-	-	-	-	
Helensburgh ...			99	89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Sloy ...			21-9	12	19.3	10.6	14.9	-	25.0	10	6.3	5	-	114	-	20	10	12	11	0	-	0	0	2	0	0	-	0	-	-	-	-	-	
Cumbernauld ...			99	94	19.1	9.4	14.3	-	26.1	3	5.6	1	-	62	-	12	24,29	13	10	0	0	0	0	2	0	0	0	-	0	-	-	-	-	
Stirling																																		
Earl's Hill ...			21-9	335	16.6	8.5	12.5	-	23.5	10	2.4	1	-	64	-	11	29	11	9	0	-	0	0	2	4	0	0	0	2	6.46	-	-	S	
Stirling Batterflats			99	38	19.8	9.7	14.7	-	26.1	10	4.4	14	15.7	50	-	12	29	11	9	0	0	0	0	1	0	0	0	-	0	6.84	-	-	-	
Falkirk S. Wks.			99	3	18.8	10.3	14.5	-	24.4	10	6.1	3	-	30	-	7	24	9	9	0	0	0	0	0	0	0	-	0	-	6.09	-	-	-	
Grangemouth ...			99	4																														
Renfrew																																		
Greenock ...			99	61	19.1	11.2	15.1	+1.4	26.1	10	7.2	1	-	68	80	14	10	12	9	0	0	0	0	1	0	0	0	-	0	7.29	116	-	-	
Paisley €			99	32	20.1	11.1	15.6	+1.5	27.8	10	6.7	1	15.6	56	86	10	24	14	11	0														

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

JUNE,

1970

DISTRICT, COUNTY AND PLACE		Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days												BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
					MEANS OF		Daily Mean (mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1916-50 average	MOST IN A DAY		Precip'n 0.2 mm or more	110 mm or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
					Max. (A)	Min. (B)			Maximum	Date	Minimum	Date					Amount (mm.)	Date																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

JUNE,

1970

DISTRICT, COUNTY AND PLACE	Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (feet)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C	RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days												BRIGHT SUNSHINE							
				MEANS OF		Daily Mean (mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM					Total fall (mm.)	Percentage of 1931-60 average	Most in A DAY	Precip'n	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure					
				Max. (A)	Min. (B)			Maximum	Date	Minimum	Date																			30 cm.	122 cm.			
3 ENGLAND, E. — contd.																																		
Essex																																		
Harlow ...	99	79	23.1	10.6	16.9	-	29.4	10	6.1	16	-	13.5	22	-	6	23.30	10	4	0	0	1	0	3	0	0	-	0	9.22	-	-	-	-	-	
Stansted ...	21-9	101	22.1	10.8	16.5	+2.2	27.7	10	7.6	14	-	-	33	80	10	30	9	7	0	0	0	5	0	0	0	0	0	-	-	-	-	-	-	
Writtle ...	99	32	22.3	9.6	15.9	-	28.9	10	5.0	16	16.3	-	31	81	8	10	10	7	0	0	0	0	5	0	0	0	0	8.46	-	-	-	-	-	
Southend ...	99	27	22.0	12.9	17.5	+1.5	27.2	10, 20, 22	8.9	14, 16	-	-	13	39	5	30	5	4	0	0	0	0	0	1	0	0	0	7.75	-	-	-	-	-	
Maldon ...	99	4	22.1	11.5	16.8	-	31.7	10	7.8	16, 17	-	-	22	-	9	17	8	6	0	0	0	2	0	0	0	0	0	-	-	-	-	-	-	
Earls Colne ...	99	49	22.7	10.6	16.6	-	29.4	10	5.6	16	17.1	14.2	46	114	33	10	6	4	-	0	0	-	0	0	0	0	0	-	-	-	-	-	-	
Shoeburyness **	21-9	2	20.1	12.1	16.1	+0.8	26.2	10	7.1	16	-	-	14	45	6	30	5	4	0	0	0	0	2	1	0	0	0	8.95	118	-	-	-	-	
Clacton-on-Sea €	99	16	19.7	13.0	16.3	+1.3	23.3	10	8.9	14, 16	16.3	13.8	15	43	5	23	5	4	0	0	0	0	0	0	0	0	0	9.10	119	-	-	-	-	
Walton-on-Naze	21-9	5	18.7	12.8	15.7	-	22.8	21	9.9	14	-	-	14	-	5	30	4	3	0	0	0	0	0	1	0	0	0	9.36	-	-	-	-	-	
Dovercourt ...	99	3	19.9	11.4	15.7	+0.7	24.4	21	7.8	1, 2	-	-	15	44	5	23	4	4	0	0	0	0	0	0	0	0	0	8.07	-	-	-	-	-	
4 MIDLAND COUNTIES																																		
Yorks., W. Riding																																		
Slaidburn ...	99	192	19.5	9.6	14.5	-	26.7	10	5.0	5, 15	-	-	70	80	19	11	11	9	0	0	1	0	1	2	0	0	0	7.44	-	-	-	-	-	
Malham Tarn ...	99	395	17.8	9.6	13.7	-	25.6	10	5.6	14	13.6	-	90	108	4	27	10	10	0	0	0	0	1	3	0	0	0	6.08	-	-	-	-	-	
Huddersfield §	99	99	21.6	10.4	16.0	-	28.3	10	5.0	5	15.8	12.6	24	51	7	28	8	7	-	0	0	-	0	0	0	0	0	7.00	123	-	-	-	-	
Oakes	21-9	232	21.6	9.5	15.5	+1.9	27.6	10	5.3	5, 15	15.4	11.6	30	52	8	28	10	6	0	0	1	1	4	3	0	1	0	7.29	122	S	-	-	-	
Bradford €	99	134	20.7	10.4	15.5	+1.7	27.2	10	6.1	15	14.9	11.7	32	63	13	27	7	6	0	0	1	0	2	1	0	0	0	-	-	-	-	-	-	
Ilkley ...	99	96	21.6	10.4	15.5	-	28.9	10	5.0	5	-	-	29	51	6	27, 28	8	8	0	0	0	0	1	0	0	0	0	-	-	-	-	-	-	
Sheffield ...	99	131	21.8	11.2	16.5	+2.0	28.3	10	7.2	5	15.8	12.2	24	50	13	27	6	6	0	0	0	0	1	0	0	0	0	7.96	132	-	-	-	-	
Pontefract ...	99	78	21.0	10.6	15.8	+1.8	26.7	9, 10, 11	6.1	5	-	-	29	71	12	27	7	5	0	0	0	0	1	0	0	0	0	-	-	-	-	-	-	
Bramham ...	99	54	21.1	9.1	15.1	-	27.2	10	4.4	15	-	-	24	42	6	27	8	6	0	0	0	0	2	0	0	0	0	7.14	-	-	-	-	-	
Cawood ...	99	6	21.6	9.1	15.3	-	27.8	10	3.3	15	16.2	13.3	23	49	6	16	7	6	0	0	0	0	1	0	0	0	0	7.91	-	-	-	-	-	
Askham Bryan ...	99	34	21.8	9.6	15.7	-	27.8	10	5.6	15	-	-	22	45	5	28	8	7	0	0	0	0	0	0	0	0	0	7.33	121	-	-	-	-	
Derby																																		
Buxton €	99	307	19.2	9.3	14.3	+1.7	26.1	10	4.4	5	15.9	13.0	95	118	37	11	10	9	0	0	0	0	0	1	0	0	0	-	-	-	-	-	-	
Ashover ...	99	186	21.0	10.3	15.7	-	27.2	10	6.1	15	-	-	52	-	20	8	11	9	0	0	0	0	2	0	0	0	0	8.68	-	-	-	-	-	
Derby ...	99	48	22.4	11.7	17.1	-	28.3	9, 10, 11	7.8	5	-	-	48	104	23	10	10	8	0	0	0	0	2	0	0	0	0	8.07	-	-	-	-	-	
Morley ...	99	107	(21.2)	(10.7)	(15.9)	-	27.8	10	6.7	5	-	-	28	61	8	11, 30	7	7	-	0	0	-	-	0	0	0	0	0	7.32	-	-	-	-	-
Wingerworth ...	99	126	21.1	9.3	15.2	-	26.7	10	4.4	15	17.3	-	37	-	13	7	11	8	0	0	0	1	3	0	0	0	0	7.63	-	-	-	-	-	
Nottingham																																		
Sutton Bonington	99	48	21.7	9.7	15.7	+1.3	27.8	10	4.4	14	15.9	13.3	14	39	5	30	10	5	0	0	0	0	3	0	0	0	0	7.59	125	-	-	-	-	
Watnall ...	21-9	117	22.3	10.7	16.5	+2.2	28.0	8	7.2	5	-	-	20	45	8	30	8	6	0	0	0	0	4	0	0	0	0	7.61	124	-	-	-	-	
Mansfield ...	99	110	21.4	10.3	15.9	+1.6	27.8	10	5.6	5	16.8	-	14	33	5	27	8	4	0	0	0	0	0	0	0	0	0	-	-	-	-	-	-	
Nottingham **	99	59	21.9	11.6	16.7	+1.8	27.2	9, 10, 11	8.3	6	17.5	14.0	10	28	7	30	6	2	0	0	0	0	2	0	0	0	0	8.02	141	-	-	-	-	
Warsop ...	99	46	22.2	8.7	15.5	-	28.3	10	3.3	4, 5	-	-	12	31	4	27	6	3	-	0	0	-	0	0	1	0	0	8.50	-	-	-	-	-	
Finningley ...	21-9	10	22.9	10.7	16.8	+2.1	29.1	11	6.5	5	-	-	18	-	9	27	9	4	0	0	0	0	1	0	0	0	0	8.44	-	-	-	-	-	
Leicester																																		
Newtown Linford	99	119	21.6	10.1	15.9	-	28.3	10	6.7	26	-	-	44	99	28	11	9	7	0	0	0	0	3	0	0	0	0	7.05	-	-	-	-	-	
Caldecott ...	99	53	22.4	9.4	15.9	-	27.2	9, 10, 11	5.0	2	-	-	26	63	11	27	8	7	-	0	0	-	-	0	0	0	0	5.75	-	-	-	-	-	
Northampton																																		
Bugbrooke Mills	99	69	22.1	9.9	16.0	-	27.8	9, 10	6.7	4, 5, 26	15.0	12.0	29	77	8	17	8	8	-	0	0	-	-	0	0	0	0	8.16	-	-	-	-	-	
Raunds **	99	59	22.7	10.3	16.5	+1.9	28.3	11	6.7	2, 5	17.3	12.1	22	58	8	30	9	7	0	0	0	0	2	0	0	0	0	7.80	128	-	-	-	-	
Wittering ...	99	65	22.0	10.8	16.4	+1.9	27.5	11	8.1																									

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

JUNE,

1970

DISTRICT, COUNTY AND PLACE		Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days												BRIGHT SUNSHINE		
					MEANS OF		Daily Mean (mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1916-50 average	MOST IN A DAY		Precip'n 0.2 mm or more	140 mm or more of these	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 9°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure
					Max. (A)	Min. (B)			Maximum	Date	Minimum	Date					Amount (mm)	Date															
4 MIDLAND COUNTIES — contd.																																	
Hereford																																	
Lyonshall ...	9 9	155	20.7	10.8	15.7	+1.5	27.2	9,10,11	5.6	30	-	-	53	116	20	17	7	6	-	-	-	-	-	-	-	0	0	-	-	-	-	-	-
Ross-on-Wye ...	21-9	68	21.3	11.1	16.2	+1.3	28.6	10	7.3	26	16.8	14.1	115	302	60	11	10	9	0	0	1	0	4	0	0	0	0	0	7.28	112	-	-	
Preston Wynne ...	9 9	84	21.1	9.6	15.3	-	28.3	10	3.9	30	-	-	50	126	19	17	11	9	0	0	1	0	1	0	0	0	0	-	(7.99)	-	-	-	
Gloucester																																	
Filton ...	21-9	59	21.2	11.6	16.4	+1.5	28.6	10	7.9	15	-	-	48	101	15	16	11	10	0	0	0	0	5	0	0	0	0	0	7.74	-	-	-	
Hempsted ...	9 9	12	21.8	11.2	16.5	-	28.3	10	7.2	26,30	16.8	13.3	56	121	16	17	11	8	0	0	0	0	4	0	0	0	0	0	7.21	-	-	-	
Gloucester ...	21-9	24	22.1	12.0	17.1	-	29.6	10	8.8	26,30	-	-	69	-	17	17	11	10	0	0	0	0	7	0	0	0	0	0	7.65	-	-	-	
Cheltenham ...	9 9	65	21.6	11.6	16.6	+1.3	28.9	10	8.3	30	-	-	129	292	49	10	12	9	-	-	-	-	-	-	-	-	-	7.51	-	-	-		
Cirencester ...	9 9	135	21.6	10.2	15.9	-	28.3	10	4.4	30	-	-	65	122	17	10,17	11	10	0	0	0	0	5	0	0	0	0	0	8.42	-	-	-	
Little Rissington ...	21-9	226	20.7	10.6	15.7	-	27.0	10,11	7.0	30	-	-	33	70	15	17	11	6	0	0	0	0	5	0	0	0	0	0	8.43	-	-	-	
5 ENGLAND, S.E.																																	
Greater London																																	
Kensington Palace ...	9 9	25	23.7	12.9	18.3	+2.0	29.4	9,10	8.9	16	18.3	15.2	20	42	7	30	5	4	0	0	0	0	0	0	0	0	0	-	-	-	-	-	
Hampstead ...	9 9	137	-	11.7	-	-	-	-	8.4	14	-	-	27	57	6	22,30	6	5	0	0	0	0	4	-	0	0	0	0	9.43	136	S	-	
St. James's Park ...	9 9	4	23.8	(13.6)	(18.7)	(+2.3)	30.0	10	10.6	16,17,26	-	-	-	-	-	-	-	-	0	0	0	3	-	0	0	0	0	-	-	-	-	-	
London/W.Centre ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.35	139	-	-	-	
Greenwich ...	9 9	7	23.6	12.2	17.9	-	29.4	10	7.2	16	-	-	12	31	4	22	5	3	0	0	0	0	1	0	0	0	0	0	8.55	129	-	-	-
Heathrow ...	21-9	25	23.6	12.7	18.1	+2.2	30.1	10	10.1	16,17	-	-	70	180	53	11	5	4	0	0	1	0	3	0	0	0	0	0	9.11	-	-	-	
Hampton ...	9 9	12	23.2	12.8	18.0	-	30.0	10	9.4	16	-	-	22	53	7	22	9	5	0	0	0	0	3	0	0	0	0	0	9.36	-	-	-	
Wealdstone ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.75	-	-	-	-	
Southgate ...	9 9	59	22.9	11.6	17.3	-	29.4	9	7.2	14	16.4	-	23	57	5	22	8	6	0	0	0	0	2	0	0	0	0	0	9.20	-	-	-	-
Kew* ...	21-9	5	23.1	11.4	17.3	-	29.1	10	6.7	26	16.1	13.2	31	70	10	11	6	6	0	0	0	1	4	0	0	0	0	0	9.41	132	-	-	-
Waddon ...	9 9	67	23.1	12.8	18.0	+2.1	29.1	10	9.2	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Addington ...	9 9	144	23.1	11.4	17.3	+1.8	29.4	10	6.7	17	-	-	23	56	5	22	7	6	-	-	-	-	-	-	-	0	-	-	-	-	-	-	-
Bromley ...	9 9	65	22.6	11.6	17.1	+2.1	28.9	9,10	7.2	15	-	-	19	44	5	30	8	5	-	-	-	-	-	-	0	0	-	-	-	-	-	-	-
Surrey																																	
Gatwick ...	21-9	59	22.9	10.2	16.5	+1.7	29.6	10	5.1	16	-	-	46	104	19	9	10	8	0	0	0	0	6	0	0	0	0	0	8.72	-	-	-	-
Witley ...	9 9	35	23.4	10.8	17.1	+2.0	29.4	9,10,11	5.6	2,19	17.3	14.1	24	55	7	22,30	6	5	-	0	-	-	-	-	0	0	0	-	8.84	127	-	-	-
Mickleham ...	9 9	55	22.8	8.7	15.7	-	28.9	9	3.9	6	17.1	14.3	28	64	8	30	6	4	0	0	0	0	2	0	0	0	0	-	-	-	-	-	
Kent																																	
Dartford ...	9 9	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Hadlow College ...	9 9	30	22.7	9.9	16.3	-	28.3	8,10	3.3	16	16.8	13.1	17	-	5	30	6	5	0	0	0	0	2	1	0	0	-	0	8.18	-	-	-	-
Gillingham ...	9 9	4	22.7	11.9	17.3	-	28.9	10	6.1	16	-	-	12	34	4	30	5	4	-	-	-	-	-	-	0	-	-	-	-	-	-	-	-
Peckham ...	21-9	29	21.9	10.0	15.9	-	27.4	10	3.1	16	-	-	14	-	6	30	6	4	0	0	0	0	2	0	0	2	0	0	9.20	-	-	-	-
Dungeness ...	21-9	3	18.7	11.5	15.1	+0.8	25.6	9	6.5	2	-	-	7	22	3	28	3	3	0	0	0	0	2	4	0	-	-	1	-	-	-	-	-
Whitstable ...	9 9	3	20.7	12.2	16.5	-	26.7	26	8.3	16	-	-	35	106	23	27	5	4	0	0	0	0	1	0	0	-	0	0	8.85	-	-	-	-
Folkstone ...	9 9	39	20.0	12.7	16.3	-	26.1	9	9.4	15,16	-	13.1	17	47	7	30	4	4	0	0	0	0	1	2	0	-	0	0	9.93	-	-	-	-
Elmstone ...	9 9	9	21.5	10.3	15.9	-	26.1	8	3.9	16	-	-	21	-	9	27	5	4	-	0	-	-	-	0	0	0	-	-	-	-	-	-	-
Herne Bay ...	9 9	6	20.3	13.0	16.7	-	26.1	22	8.9	16	-	-	15	44	6	27	5	4	0	0	0	0	1	0	0	-	0	0	(9.00)	-	-	-	-
Dover ...	9 9	6	20.0	12.8	16.4	+1.5	27.2	9	8.9	16	17.7	14.8	16	39	7	30	5	5	0	0	0	0	1	1	0	0	-	0	9.40	-	-	-	-
Deal ...	21-9	5	18.7	12.4	15.5	-	25.6	22	9.0	25	-	-	20	-	8	30	6	3	0	0	0	0	1	2	0	0	0	0	-	-	-	-	-
Manston ...	21-9	44	20.5	11.9	16.2	-	25.8	8	6.4	16	-	-	16	46	5	23,30	5	4	0	0	0	0	2	0	0	0	0	0	-	-	-	-	-
Margate ...	9 9	16	18.6	13.3	15.9	+0.7	25.0	22	11.1	2,16	17.0	14.2	18	-	7	30	5	5	0	0	0	0	2	0	0	0	0	0	9.04	113	-	-	-
West Malling ...	9 9	93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Goudhurst ...	9 9	85	22.3	9.7	16.0	-	27.8	8,10	2.2	16	-	-	14	32	9	30	5	2	0	0	0	0	1	0	0	4	-	0	-	-	-	-	-
East Malling ...	9 9	37	22.4	10.6	16.5	+1.7	28.3	10	3.9	16	17.0	13.9	14	34	7	30	5	4	0	0	0	0	1	0	0	0	-	0	8.66	119	-	-	-
Throwley ...	9 9	150	21.4	10.3	15.9	-	26.7	10	5.6	15,16	17.5	13.6	33	75	18	27	5	4	0	0	0	0	1	1	0	0	-	0	9.11	-	-	-	-
Faversham ...	9 9	48	21.3	10.3	15.8	-	26.1	10,28	3.3	16	17.0	13.9	23	-	11	27	5	4	0	0	0	0	1	0	0	0	-	0	8.74	-	-	-	-
Wye ...	9 9	56	21.2	11.1	16.1	+1.3	26.7	10,11	5.0	16	16.8	14.1	27	67	12	27	4	4	0	0	0	0	1	1	0	0	-	0	9.29	124	-	-	-
Sussex																																	
Thorney Island ...	21-9	3	21.5	12.0	16.7	-	26.9	18	7.4	26	-	-	25	68	8	30	6	6	0	0	0	1	4	1	0	0	0	0	8.97	-	-	-	-
Rogate ...	9 9	64	(22.8)	(10.0)	(16.4)	-	(27.0)	11	5.0	16	18.4	-	27	-	8	30	9	6	0	0	0	0	2	2	0	0	-	0	-	-	-	-	-
Bognor Regis ...	9 9	7	19.6	12.2	15.9	+1.0	24.4	6	7.8	30	-	14.4	33	83	10	30	10	7	0	0	0	0	3	1	0	0	-	0	9.39	121	-	-	-
Fernhurst ...	9 9	57	22.7	10.1	16.4	-	29.0	10	5.3	26	17.9	-	31	68	8	30	7	5	0	-	1	0	3	-	0	0	-	0	8.54	-	-	-	-
Littlehampton ...	9 9	5	20.4	12.1	16.3	+1.4	25.6	10	8.3	26,30	-	14.7	28	69	7	23	10	8	0	0	0	0	3	2	0	-	0	0	9.40	118	-	-	-
Rustington ...	9 9	3	20.3	11.3	16.1	-	26.7	10	5.6	26	-	14.4	28	-	9	30	7	6	-	0	-	-	-	-	0	0	-	0	8.75				

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

JUNE,

1970

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DISTRICT, COUNTY AND PLACE	Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days												BRIGHT SUNSHINE			
				MEANS OF		Daily Mean (mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1931-60 average	MOST IN A DAY		Precip'n		Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure	
				Max. (A)	Min. (B)			Maximum	Date	Minimum	Date					Amount (mm.)	Date	0.2 mm or more	1.0 mm or more														
5. ENGLAND, S.E. — contd.																																	
Hampshire — contd.																																	
Southsea ...	99	2	21.1	13.4	17.3	+1.4	27.2	10	10.6	15	17.3	13.9	19	52	6	23	5	5	0	0	0	0	0	1	0	0	0	0	9.31	119	-	-	
Hayling Island ...	99	4	20.4	12.7	16.5	-	24.4	6, 9, 10	9.4	16.26	-	-	21	-	8	23	7	4	0	0	0	0	1	0	0	0	0	0	9.18	-	-	-	
Long Sutton ...	99	156	22.6	10.4	16.5	+1.6	30.0	10, 11	6.7	15.30	17.7	-	37	84	9	22	8	6	0	0	0	0	5	0	0	0	0	0	8.13	117	-	S	
Alice Holt Lodge ...	99	115	22.6	10.6	16.6	-	28.9	10	6.1	15.16	-	-	31	70	8	22, 30	7	5	0	0	0	0	2	0	0	0	0	0	8.60	-	-	-	
S. Farnborough ...	99	69	23.0	11.3	17.1	+1.9	29.2	10	7.4	26	-	-	29	71	9	30	7	6	0	0	0	0	5	0	0	0	0	0	8.53	122	-	-	
Isle of Wight																																	
St. Catherine's Pt. ...	99	16	18.2	11.9	15.1	+0.7	22.5	10	9.5	15	-	-	34	97	14	23	10	8	0	0	0	0	1	1	0	0	0	0	-	-	-	-	
Ventnor * ...	99	135	18.9	12.8	15.9	+1.0	24.4	9	10.0	15.30	17.4	13.7	46	118	20	23	12	8	0	0	0	0	1	1	0	0	0	0	8.95	111	-	-	
Shanklin ...	99	55	19.7	(12.4)	(16.1)	-	27.2	10	8.9	26	-	-	41	99	15	23	11	8	0	0	0	0	1	2	0	0	0	0	10.11	-	-	-	
Sandown ...	99	4	20.3	12.8	16.5	+1.2	25.6	11	10.0	26.30	-	-	22	62	8	24	6	5	0	0	0	0	1	0	0	0	0	0	8.76	-	-	-	
Ryde ...	99	5	20.8	13.1	16.9	+1.3	28.3	10	10.0	26	-	-	21	60	8	23	6	5	0	0	0	0	1	1	0	0	0	0	9.04	113	-	-	
Wiltshire																																	
Lacock ...	99	49	21.4	9.8	15.6	-	28.3	10	4.4	15	-	-	36	74	5	11	11	10	-	0	-	-	-	0	0	0	0	0	-	-	-	-	
West Lavington ...	99	93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Lyneham ...	21-9	145	21.5	10.8	16.1	+1.7	27.8	10, 11	7.4	30	-	-	25	53	8	23	8	6	0	0	0	0	6	0	0	0	0	0	8.18	-	-	-	
Larkhill ...	99	132	22.4	10.2	16.3	+2.0	29.2	8	5.2	15	-	-	25	59	8	23	10	5	0	0	0	0	2	0	0	0	0	0	-	-	-	-	
Boscombe Down ...	21-9	126	22.1	10.8	16.5	+2.0	28.3	10	5.8	30	-	-	30	73	7	23	8	7	0	0	0	0	3	0	0	0	0	0	8.03	116	-	-	
Upavon ...	21-9	176	21.8	10.8	16.3	-	28.4	10	7.1	30	-	-	41	93	9	11	9	7	0	0	1	1	3	0	0	0	0	0	-	-	-	-	
Porton ...	99	111	22.0	9.8	15.9	+1.6	28.2	10	4.6	30	16.2	-	34	79	9	9	7	6	0	0	-	-	3	0	0	1	0	0	8.09	112	-	-	
7a. ENGLAND, N.W.																																	
Cumberland																																	
Sellafield ...	99	13	21.0	(11.3)	(16.1)	-	28.3	9	5.6	6	-	-	66	99	15	23, 30	9	8	-	0	-	-	-	0	0	0	0	0	0	8.38	-	-	-
Carlisle ...	21-9	26	20.5	10.0	15.3	-	28.4	10	5.9	14	-	-	42	-	13	28	12	8	0	0	0	0	1	0	0	0	0	0	8.35	-	-	-	
Newton Rigg ...	99	171	20.5	9.4	14.9	+1.7	27.8	10	3.9	5	15.3	-	50	90	15	11	13	7	0	0	-	-	0	0	1	-	-	7.82	129	-	-	-	
Spadeadam ...	99	274	18.5	7.9	13.2	-	26.1	10	3.9	1	12.8	10.2	45	-	12	27	12	8	0	0	0	0	2	1	0	0	0	0	7.90	-	-	-	
Westmorland																																	
Ambleside ...	99	46	21.8	10.2	16.0	-	30.0	9, 10	4.4	6	-	-	106	111	22	11	12	10	0	0	0	0	1	0	0	-	0	-	-	-	-	-	
Great Dun Fell ...	21-9	847	14.1	6.7	10.4	-	21.6	10	1.4	14	-	-	-	-	-	-	-	-	-	-	-	-	9	0	-	-	-	6.59	-	-	-	-	
Moor House ...	99	556	16.8	5.8	11.3	-	23.3	10	0.0	5	11.1	-	96	79	31	27	9	9	0	0	-	-	2	0	7	-	-	7.81	-	-	-	-	
Lancashire																																	
Squires Gate ...	21-9	10	21.4	10.9	16.1	+2.1	28.7	9	5.5	14	-	-	41	73	10	22	11	9	0	0	0	0	2	0	0	0	0	0	8.75	121	-	-	
Aigburth ...	99	14	21.7	12.6	17.1	-	28.5	10	8.8	6	-	-	53	-	18	19	10	8	0	0	0	0	3	0	0	0	0	0	9.01	-	-	-	
Southport ...	99	5	21.2	11.3	16.3	-	28.3	10	6.7	15	17.0	11.4	42	76	10	22	12	8	0	0	-	-	0	0	0	0	0	0	8.77	-	-	-	
Poulton-le-Fylde ...	99	12	21.6	-	-	-	28.3	9	-	-	-	-	48	82	10	30	12	10	0	0	0	0	1	0	0	-	0	-	-	-	-	-	
Cartmel ...	99	34	20.9	11.2	16.1	-	28.9	10	8.3	1	-	-	65	-	17	23	12	10	-	0	-	-	2	0	-	-	-	-	-	-	-	-	
Grizedale ...	99	91	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Speke ...	21-9	22	22.3	11.9	17.1	+2.5	29.8	10	7.5	15	-	-	49	95	9	22	10	8	0	0	0	0	4	0	0	0	0	0	8.59	-	-	-	-
Kirkham ...	99	24	21.0	10.4	15.7	-	29.4	10	6.1	5	-	-	55	85	9	30	13	10	0	0	0	0	3	0	0	0	0	0	8.75	-	-	-	-
Bailrigg ...	99	50	20.7	11.5	16.1	-	27.6	9	8.3	6	-	-	41	-	8	30	9	8	0	0	-	-	0	0	0	-	0	0	8.49	-	-	-	-
Morecambe ...	99	7	21.4	12.9	17.1	+2.7	29.4	9	8.9	15	-	-	50	80	11	28	10	10	0	0	0	0	1	0	0	-	0	0	8.35	120	-	-	-
Preston ...	99	33	21.0	11.3	16.1	-	28.9	10	6.7	15	-	-	44	65	9	28	10	8	0	0	0	0	5	0	0	0	0	0	-	-	-	-	
Bolton ...	99	107	21.1	10.7	15.9	-	28.9	10	6.1	15	14.6	-	77	-	18	10	11	9	0	0	-	-	0	0	0	-	0	0	8.03	-	-	-	-
Stonyhurst ...	99	115	20.9	10.5	15.7	+1.9	29.4	10	(5.6)	6	-	-	56	73	11	28	12	10	-	0	-	-	0	0	0	-	0	0	8.13	130	-	-	-
Manchester/W. Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Helmshore ...	99																																

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

JUNE.

1970

DISTRICT, COUNTY AND PLACE	Max. Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days										BRIGHT SUNSHINE					
			MEANS OF		Daily Mean (mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1916-50 average	MOST IN A DAY		Precip'n 0.2 mm or more	1.0 mm or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. before 6 a.m. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure		
			Max. (A)	Min. (B)			Maximum	Date	Minimum	Date					Amount (mm)	Date																
8a. SOUTH WALES.																																
Cardigan																																
Aberporth ...	21-9	133	18.3	11.5	14.9	+1.5	25.0	9	7.8	15	-	-	47	89	10	21	11	9	0	0	0	0	1	3	0	0	0	0	6.88	-	-	-
Gogerddan ...	9 9	31	20.6	11.2	15.9	-	26.7	7	5.0	15	-	-	64	96	13	17	14	12	0	0	0	0	0	1	0	0	0	0	6.75	-	-	-
Swyddffynnon ...	9 9	165	20.5	10.9	15.5	-	26.1	10	4.4	15	-	-	81	102	11	13	15	15	-	0	-	-	1	0	0	0	0	0	6.93	-	-	-
Trawscoed ...	9 9	61	20.5	9.8	15.1	-	26.1	19	2.8	20, 21	(15.1)	-	59	80	10	17	15	13	0	0	0	0	0	0	0	0	0	0	(6.64)	-	-	-
Llety-evan-hen ...	9 9	290	18.7	10.9	14.8	-	25.0	9	5.6	15	-	-	82	91	18	23	13	11	0	0	0	3	2	0	0	0	0	0	6.39	105	-	-
Cwmystwyth ...	9 9	301	-	9.8	-	-	-	-	3.3	15	-	-	129	-	24	12	14	12	-	0	-	-	-	0	0	0	0	-	-	-	-	-
Pembroke																																
Dale Fort ...	9 9	33	(19.3)	(12.1)	(15.7)	-	26.1	10	10.0	2.15	17.5	-	72	-	21	21	10	6	0	0	0	0	2	1	0	0	-	1	7.44	-	-	-
Milford Haven C.B.*	21-9	37	18.9	12.3	15.6	-	26.5	7	9.5	15	-	-	69	-	25	26	10	8	0	0	0	0	2	1	0	0	0	0	-	-	-	-
Orielton ...	9 9	61	(19.8)	(11.0)	(15.4)	-	26.1	7	3.9	28	(16.1)	-	74	-	20	26	10	9	0	-	0	0	1	0	0	1	0	0	-	-	-	-
Haverfordwest ...	9 9	8	(20.1)	(10.9)	(15.5)	-	26.1	7	4.4	28	-	-	69	-	24	26	11	9	-	-	-	-	-	0	-	-	-	-	-	-	-	-
Carmarthen																																
Carmarthen ...	9 9	15	20.9	10.9	15.9	-	26.7	7	3.9	15	15.9	-	76	-	19	15	12	11	0	0	0	0	2	0	0	0	0	0	7.39	-	-	-
Brynamman ...	21-9	183	20.3	11.5	15.9	-	26.7	10	5.3	30	-	-	69	-	14	28	14	12	0	-	0	0	4	0	0	0	-	0	-	-	-	-
Radnor																																
Cenarth Mill ...	21-9	282	19.1	8.9	14.0	-	25.2	10	3.2	15	-	-	59	-	15	11	13	10	-	0	-	-	-	0	0	2	-	-	-	-	-	-
Llandrindod Wells	9 9	235	20.6	10.4	15.5	+2.0	26.7	9, 10, 11	4.4	15	15.4	-	45	74	15	17	10	8	0	0	0	0	3	0	0	-	0	-	6.79	116	S	-
Brecknock																																
Llwynon ...	9 9	262	19.4	10.1	14.7	-	25.6	10, 11	4.4	30	-	-	98	-	31	9	14	14	0	0	0	0	0	0	0	-	0	-	-	-	-	-
Glamorgan																																
Mumbles ...	21-9	37	18.1	12.7	15.4	-	25.2	8	10.1	15	-	-	-	-	-	-	-	0	0	0	0	2	4	0	0	0	0	-	-	-	-	-
Penmaen ...	9 9	82	19.2	12.1	15.7	-	23.9	7, 8, 9	6.7	15	16.8	15.4	62	-	23	23	11	9	0	0	0	0	3	5	0	0	-	0	-	-	-	-
Swansea ...	9 9	8	20.4	13.8	16.9	+1.5	26.1	9	6.1	15	19.1	15.6	69	113	18	23	11	11	0	0	0	0	2	1	0	-	0	-	-	-	-	S
Port Talbot ...	9 9	7	21.1	13.1	17.1	-	26.7	9	9.4	15	-	-	57	94	19	23	11	7	0	0	0	0	0	0	0	0	-	-	7.06	-	-	S
Neath ...	9 9	62	20.3	12.7	16.5	-	25.6	7, 8, 9	7.2	15	-	-	84	122	25	23	12	9	0	0	0	0	0	0	0	0	-	0	-	-	-	-
Rhose ...	21-9	67	20.1	11.7	15.9	-	25.6	9	7.0	15	-	-	71	-	25	16	10	8	0	0	0	3	1	0	0	0	0	7.88	107	-	-	-
Cardiff ...	9 9	62	21.6	12.1	16.9	+1.9	28.9	10	6.7	30	15.2	12.8	62	106	31	16	13	-	0	-	0	0	0	0	0	-	-	7.24	-	-	-	S
Monmouth																																
Tredegar ...	9 9	313	19.5	10.3	14.9	-	26.7	11	6.7	26, 30	-	-	66	76	16	16	14	12	0	0	0	0	3	2	0	0	-	0	-	-	-	S
Newport ...	9 9	23	(21.3)	(11.0)	(16.1)	(+1.0)	27.2	10	5.0	30	-	-	55	98	19	16	13	12	0	0	0	0	0	0	0	0	-	0	7.40	-	-	-
Usk ...	9 9	21	21.9	9.8	15.9	-	28.9	10	3.3	30	17.6	-	36	69	15	16	8	7	-	0	-	-	9	0	0	-	0	-	6.51	-	-	-
Crumbland ...	9 9	245	19.7	10.4	15.1	-	27.2	10	5.6	30	15.3	12.9	51	88	11	11	12	10	-	0	-	-	-	0	0	0	-	-	7.47	-	-	-
8b. ENGLAND, S.W.																																
Somerset																																
Hawkridge ...	9 9	314	19.2	10.2	14.7	-	24.4	10	6.1	2	-	-	68	98	22	23	15	11	0	0	0	0	3	2	0	0	-	0	7.57	-	-	-
Nettlecombe ...	9 9	96	20.1	9.5	14.8	-	25.0	9	3.3	15	17.8	-	28	-	7	18	10	7	0	0	0	0	4	4	0	1	0	-	-	-	-	-
Cannington ...	9 9	29	20.5	11.6	16.1	-	25.6	7, 8	8.3	15	16.6	-	31	74	13	23	10	7	0	-	0	0	1	0	0	0	-	0	7.00	96	-	-
Weston-super-Mare	9 9	9	-	(12.6)	-	-	-	-	8.3	15	-	-	44	97	11	23	10	8	0	0	0	0	3	0	0	0	-	0	7.84	110	-	-
Cricket Malherbie	9 9	76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cheddar ...	9 9	11	-	11.4	-	-	27.2	9	7.2	30	17.8	-	35	-	11	23	12	7	-	0	-	-	-	-	0	0	-	-	-	-	-	-
Yeovilton ...	21-9	18	21.7	10.9	16.3	-	27.5	10	5.8	30	-	-	42	-	10	23	12	8	0	0	0	0	2	1	0	0	0	-	-	-	-	-
Rodney Stoke ...	9 9	40	21.6	11.0	16.3	-	26.1	9, 10	8.3	16, 22	17.0	13.6	46	-	12	23	12	9	-	0	-	-	-	2	0	0	-	-	-	-	-	-
Long Ashton	9 9	49	21.3	11.5	16.4	+1.5	28.3	10	6.1	30	17.4	-	47	87	9	23	13	13	0	0	0	0	5	1	0	0	-	0	8.04	118	-	-
West Camel ...	9 9	27	22.0	10.4	16.2	-	28.3	10	4.4	30	-	-	47	-	15	9	13	8	0	0	1	0	2	0	0	0	-	0	-	-	-	-
Wincanton ...	9 9	114	21.5	10.4	15.9	-	28.9	10	5.6	30	-	-	35	-	13	23	11	6	0	0	0	0	2	1	0	0	-	0	-	-	-	-
Bath C.B.S.**	9 9	118	21.1	11.6	16.3	-	28.3	10	7.8	15	16.9	-	59	123	15	12	12	12	0	0	1	0	4	0	0	-	0	-	-	-	-	-
Dorset																																
Portland Bill C.G.	21-9	53	17.5	12.4	14.9	-	24.0	9	10.5	15	-	-	33	-	10	23	10	8	0	0	0	0	2	2	0	0	0	0	8.93	-	-	-
Weymouth ...	9 9	23	19.9	11.6	15.7	-	25.6	9	8.9	15, 16	-	-	40	-	11	23	10	9	0	0	0	0	0	0	0	-	0	9.30	-	-	-	-
Winfrith ...	9 9	26	21.1	10.6	15.9	-	27.8	10	5.0	26, 27	-	-	30	-	8	23	9	7	-	0	-	-	-	1	0	0	-	-	-	-	-	-
Shaftesbury ...	9 9	207	20.8	10.4	15.6	+1.6	27.2	10	6.1	15	-	-	41	85	15	23	9	6	-	0	-	-	-	0	0	-	-	-	-	-	-	-
Swanage ...	9 9	11	19.6	12.3	15.9	-	26.7	9, 10	8.3	26, 30	-	14.6	25	67	9	23	7	4	0	-	0	0	1	1	0	0	-	0	9.16	112	-	-
Poole ...	9 9	5	21.6	11.9	16.7	-	28.3	10	6.7	26, 30	17.9	14.4	22	53	8	23	8	6	0	0	0	0	1	0	0	0	-	0	8.50	111	-	-
Devon																																
Virginstow ...	9 9	168	19.9	(11.1)	(15.5)	-	25.8	7	8.6	16	-	-	40	-	8	23	13	9	0	-	0	0	1	-	0	0	-	0	-	-	-	-
Hartland Point	21-9	91	17.2	12.3	14.7	-	21.5	3	9.6	15	-	-	50	102	13</																	

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

JUNE,

1970

DISTRICT, COUNTY AND PLACE	Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days												BRIGHT SUNSHINE		
				MEANS OF		Daily Mean (mean of A & B)	Difference from 1911-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1916-50 average	MOST IN A DAY		Precip'n 0.2 mm or more	140 mm or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1911-60 average	Exposure
				Max. (A)	Min. (B)			Maximum	Date	Minimum	Date					Amount (mm.)	Date															
9. NORTHERN IRELAND																																
Londonderry																																
Loughermore Forest	99	174	18.9	9.0	13.9	-	25.2	9	3.5	30	-	-	56	-	11	28	15	12	0	0	0	0	4	0	0	1	-	0	-	-	-	
Ballykelly	21-9	2	19.7	10.8	15.3	+1.7	26.5	9	5.6	6	16.9	12.9	42	73	10	27	15	11	0	0	0	0	3	0	0	0	0	0	6.97	123	-	
Banagher, Caugh Hill			19.0	10.1	14.5	-	27.5	11	6.0	1	-	-	74	-	22	10	17	11	0	0	0	1	3	0	0	0	-	0	-	-	-	
Derrynoyd Forest	99	88	20.0	9.9	14.9	-	26.0	11	4.6	1	-	-	40	-	7	11	14	10	0	0	0	0	2	0	0	2	-	-	-	-	-	
Somerset Forest	99	43	19.7	9.9	14.8	-	25.4	9	6.5	30	-	-	55	-	16	28	14	11	0	0	0	0	2	0	0	0	-	-	-	-	-	
Coleraine Univ.	99	23	19.3	10.1	14.7	-	25.6	9	5.6	6,30	15.3	12.1	45	-	9	28	14	11	0	0	0	0	2	0	0	0	-	0	6.29	-	-	
Garvagh Forest	99	88	19.5	9.2	14.3	-	26.1	11	3.3	6	16.6	11.3	60	-	17	28	15	11	0	0	0	0	4	0	0	1	-	-	-	-	-	
Moneydig	21-9	34	19.7	9.6	14.7	+1.6	26.4	11	3.6	6	15.5	-	53	77	11	23	15	11	0	0	0	0	3	0	0	2	0	0	-	-	-	
Antrim																																
Portrush Golf Club	99	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ballymoney	99	55	19.8	9.7	14.7	-	26.2	11	5.6	1	-	-	49	-	12	23	14	10	0	-	0	0	0	0	0	-	-	-	-	-	-	
Lisnafillan	99	38	19.6	10.7	15.1	-	26.1	10	4.4	1	-	-	49	-	12	23	13	10	0	0	0	0	0	0	0	-	-	-	7.44	-	-	
Aldergrove	21-9	69	19.9	11.3	15.6	+2.3	25.9	9	6.9	1	15.3	11.1	44	70	11	23	14	10	0	0	0	0	2	0	0	0	0	0	7.20	121	-	
Greenmount	99	32	20.2	11.0	15.6	-	25.6	10,11	3.3	1	15.9	-	41	-	11	23	13	11	0	0	0	0	2	-	0	-	-	-	-	-	-	
Altnahinch	99	226	17.8	10.0	13.9	-	23.3	9,10,11	5.0	1	-	-	83	-	17	28	16	11	0	0	0	0	1	1	0	0	-	2	6.78	-	-	
Parkmore Forest	99	235	16.8	9.1	12.9	-	21.7	11	3.3	30	12.8	-	86	84	29	28	14	10	0	0	0	0	1	1	0	0	-	0	-	-	-	
Black Mountain	21-9	295	17.2	9.8	13.5	-	24.1	10	5.0	30	-	-	42	-	11	23	13	10	0	0	0	0	0	2	0	-	0	-	-	-	-	
Lowtown	99	271	17.3	9.7	13.5	-	23.9	10	3.3	30	13.2	-	53	-	11	23	12	9	0	0	0	0	1	1	0	2	-	2	5.90	-	-	
Ballypatrick Forest	99	152	17.6	9.4	13.5	-	22.7	11	4.7	30	-	-	54	66	19	28	11	9	0	0	0	0	1	1	0	0	-	2	6.52	107	-	
Belfast, Malone*	99	35	19.3	10.8	15.1	-	25.6	10	6.1	30	15.9	-	54	-	13	11	13	11	0	-	0	0	0	0	0	0	-	-	-	-	-	
Newtownabbey	99	32	18.9	11.8	15.3	-	23.3	19	6.1	30	16.2	-	53	-	13	11	13	11	0	0	1	0	3	0	0	0	-	0	7.20	-	-	
Woodburn, North	99	217	17.5	8.9	13.2	-	22.8	10	1.7	30	-	-	55	70	13	23	13	10	0	0	0	0	3	2	0	1	-	-	-	-	-	
Larne	99	43	19.0	10.6	14.8	-	23.7	9	5.4	30	-	-	42	64	8	23	12	10	0	0	0	0	2	1	0	-	-	-	-	-	-	
Kilroot	99	22	18.8	10.3	14.5	-	23.3	9,10,11	5.6	1,30	-	-	35	-	9	23	10	8	0	0	0	0	2	0	0	-	-	-	-	-	-	
Ballylumford	99	24	18.4	10.3	14.3	-	24.4	10	6.7	30	-	-	30	-	7	23	10	7	0	-	0	0	0	-	0	-	-	-	-	-	-	
Down																																
Hillsborough	99	116	18.8	10.1	14.5	+1.6	25.6	10	6.7	5,6	14.7	11.4	29	51	5	28	11	8	0	0	0	0	1	0	0	0	-	0	7.42	123	-	
Kilkeel	21-9	18	17.4	11.6	14.5	+1.3	21.5	9	7.0	30	-	-	27	-	6	26	11	10	0	0	0	0	0	0	0	0	0	0	7.35	-	-	
Tollymore Park	99	76	18.8	10.2	14.5	-	23.3	9,10	5.0	30	-	-	36	43	17	21	11	7	0	0	0	0	1	0	0	0	-	-	-	-	-	
Rosetta	99	24	19.6	11.1	15.3	-	25.0	10	6.1	30	-	-	41	-	7	24	13	11	0	0	0	0	0	0	0	-	-	-	-	-	-	
Murlough	99	9	18.9	8.7	13.8	-	22.8	9,11	3.3	30	15.2	12.0	25	-	7	23	9	6	0	0	0	0	2	0	0	0	-	2	7.72	-	-	
Stormont Castle	99	56	19.1	11.1	15.1	-	26.1	10	6.1	30	16.1	12.9	42	71	9	11	13	10	0	0	0	0	2	0	0	0	-	0	7.39	-	-	
Downpatrick	99	21	19.1	10.1	14.6	-	24.4	9,11	5.6	30	-	-	29	-	7	26	12	10	-	-	-	-	0	0	-	-	-	-	-	-	-	
Creighton's Green	99	119	17.7	10.2	13.9	-	23.9	10	6.1	6,30	-	-	55	-	18	11	11	9	0	0	0	0	2	1	0	0	-	0	-	-	-	
Reagh Island**	99	12	19.2	11.2	15.2	-	25.0	9	6.7	30	-	-	35	-	6	23	11	9	-	-	0	1	3	0	0	0	-	-	7.15	-	-	
Helen's Bay	99	43	18.7	10.9	14.8	-	22.8	9,19	6.7	30	-	-	40	-	15	11	12	6	0	0	0	0	2	1	0	0	-	0	7.60	-	-	
Killough	21-9	15	16.9	10.9	13.9	-	21.0	9	7.3	1	-	-	28	-	7	26	11	6	0	0	0	0	1	1	0	0	0	2	-	-	-	
Ballyhalbert	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.48	-	-	
Armagh																																
Armagh	99	62	20.5	11.1	15.8	+2.0	27.2	10	7.8	1,16	17.3	13.8	57	93	15	10	16	11	0	0	0	0	4	0	0	0	-	0	6.13	109	-	
Loughgall	99	25	19.8	10.6	15.2	-	26.7	9	5.6	6	-	-	69	127	18	10	13	11	0	0	1	0	2	0	0	1	-	0	6.78	-	-	
Bessbrook	-	76	-	-	-	-	-	-	-	-	-	-	39	57	7	23	14	9	-	-	-	-	-	-	-	-	-	-	6.92	113	-	
Portadown	99	16	20.4	11.1	15.7	-	26.7	11	7.8	1,30	16.3	13.0	58	-	26	10	13	11	0	-	0	0	0	-	0	-	-	-	-	-	-	
Lurgan	99	55	20.0	10.8	15.4	-	26.7	10	7.8	1,30	16.3	12.9	47	-	17	10	13	11	-	-	-	-	-	0	-	-	-	-	6.90	-	-	
Tyrone																																
Lough Bradan	99	169	18.9	9.8	14.3	-	25.6	9	4.4	1	-	-	103	-	18	10	18	16	-	0	-	-	-	0	0	0	-	-	6.07	-	-	
Baronscourt Forest	99	88	19.8	10.2	15.0	-	26.6	9	5.6	1	-	-	108	-	27	10	19	15	0	0	0	0	4	0	0	0	-	-	-	-	-	
Strabane Convent	99	44	20.2	10.9	15.5	-	27.4	9	6.1	1	-	-	87	-	25	11	20	14	0	0	0	0	6	2	0	0	-	1	5.47	-	-	
Carrigans	21-9	113	19.4	10.8	15.1	-	25.8	9,11	5.7	1	-	-	144	-	63	11	17	11	0	0	1	0	6	1	0	0	0	0	-	-	-	-
Lislap Forest	99	209	18.7	8.9	13.8	-	26.1	11	3.9	1	15.3	-	112	132	42	11	16	13	0	0	0	0	3	2	0	0	-	0	-	-	-	
Knockmany Forest	99	73	19.7	9.3	14.5	-	25.9	10	6.0	1	-	-	72	102	10	21	17	13	0	0	0	1	7	2	0	0	-	-	-	-	-	
Pomeroy Forest	99	165	18.8	10.0	14.4	-	24.4	10,11	5.6	1	16.1	-	49	-	12	23	15	10	0	0	0	0	3	1	0	0	-	0	-	-	-	
Cookstown	99	77	19.4	10.4	14.9	-	25.0	10,11	5.6	1	15.7	-	49	74	10	23	16	12	0	-	0	0	0	0	0	0	-	-	6.40	-	-	
Fermanagh																																
Roscor	99	143	19.0	10.6	14.8	-	25.4	9	7.8	1	-	-	62	73	11	13	18	13	0	0	0	0	5	2	0	0	-	-	-	-	-	
Lough Navar Forest	99	148	19.0	10.0	14.5	-	25.8	9	6.4	1	-	-	99	-	22	13	17	13	0	0	0	0	4	0	0	0	-	0	-	-	-	
C.Archdale Forest	99	66	19.3	10.																												

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS

JUNE,

1970

Height of Barometer above M.S.L. in metres	Hour of Observation (GMT)	MEAN PRESSURE IN mbs		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Metres and Kilometres)								WIND SPEED AND DIRECTION																
		At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	Mean	0	1-2	3-5	6-7	8	9	0-39 m.	40-190 m.	200-390 m.	400-590 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
																									SPEED IN KNOTS												
																									6 or more	7	8	9	10								
																									22-33	34-40	41-50	51-60	61-70								
Number of Observations																																					
0 SCOTLAND, N.																																					
Lerwick [Zetland]																																					
83	3	1018.7	-	9.1	0.5	10.9	93	5.6	0	6	4	11	4	5	0	3	1	1	0	0	3	5	10	7	0	0	4	21	5	4	1	0	3	9	2	2	4
	9	1018.6	+5.4	11.6	1.3	11.6	84	5.0	1	9	3	8	9	0	0	0	0	1	1	3	6	1	7	11	0	0	9	19	2	2	9	0	7	5	2	3	0
	15	1018.4	-	12.4	1.7	11.6	81	5.4	2	5	4	7	12	0	0	0	1	0	2	6	5	8	6	0	1	10	19	0	3	3	0	9	8	2	4	1	
	21	1018.3	-	10.1	0.8	11.2	91	5.2	0	9	3	7	7	4	0	4	0	0	0	3	6	5	5	7	0	1	7	21	1	7	2	0	6	8	5	1	0
Kirkwall [Orkney]																																					
26	3	1018.0	-	9.4	0.5	11.1	94	4.9	1	8	5	8	6	2	0	1	0	1	2	0	5	5	6	10	0	1	12	11	6	1	3	1	12	3	1	2	1
	9	1018.1	+4.7	13.3	1.8	12.2	79	4.5	2	9	4	10	5	0	0	0	0	0	0	8	6	6	10	0	3	17	10	0	2	5	5	10	2	4	2	0	
	15	1017.8	-	14.5	2.4	12.3	74	4.2	4	10	1	10	5	0	0	0	0	0	0	1	5	5	10	9	0	2	16	12	0	5	2	5	10	2	3	3	0
	21	1017.7	-	10.8	0.8	11.7	90	5.5	1	7	2	11	9	0	0	0	0	1	1	0	9	4	7	8	0	1	14	14	1	2	2	4	11	3	2	2	3
Wick [Caithness]																																					
37	3	1018.1	-	9.7	0.6	11.3	93	4.5	3	9	1	11	3	3	0	0	1	4	1	2	5	2	8	7	0	0	3	24	3	2	0	3	7	9	2	3	1
	9	1018.3	+4.6	12.5	1.6	11.9	81	4.1	3	10	4	7	6	0	0	0	0	0	0	8	3	5	14	0	1	8	21	0	0	3	3	13	6	0	3	2	
	15	1017.9	-	13.6	1.9	12.3	79	4.3	2	10	4	10	4	0	0	0	0	0	0	0	4	6	10	10	0	1	8	21	0	0	2	7	12	6	0	1	2
	21	1017.8	-	11.2	0.9	11.8	89	5.0	0	8	5	12	3	2	0	2	0	0	0	0	6	5	8	9	0	0	9	20	1	2	3	6	11	3	0	2	2
Cape Wrath* [Sutherland]																																					
113	3	1016.4	-	12.2	2.1	10.8	77	4.6	0	9	9	3	8	1	0	1	0	0	0	0	2	0	7	20	0	0	5	21	4	0	0	6	7	4	7	2	0
	9	1016.7	-	13.8	2.5	11.6	75	5.2	1	5	8	9	5	2	0	1	0	1	0	0	0	4	6	18	0	1	4	22	3	0	0	6	7	5	6	2	1
	15	1016.5	-	13.7	2.1	12.0	77	4.8	2	9	3	7	8	1	0	1	0	0	1	0	0	4	11	13	0	1	3	23	3	1	2	8	5	0	8	1	2
	21	1016.1	-	13.0	2.0	11.6	78	5.1	2	4	9	6	8	1	0	1	0	0	1	0	0	2	9	17	0	1	4	23	2	0	3	6	6	1	9	1	2
Stornoway [Ross & Cromarty]																																					
5	3	1016.5	-	10.7	0.3	12.5	96	4.2	6	6	3	10	5	0	0	0	0	1	0	3	11	10	5	0	1	3	16	10	2	3	1	5	2	2	2	3	
	9	1016.7	+3.1	14.3	1.4	13.9	85	4.1	2	9	8	7	4	0	0	0	0	0	1	1	12	6	10	0	2	8	17	3	0	5	2	7	8	0	4	1	
	15	1016.4	-	15.6	1.9	14.3	80	3.9	5	7	5	10	3	0	0	0	0	0	2	0	6	11	11	0	2	14	14	0	0	12	1	3	10	1	2	1	
	21	1016.1	-	12.8	0.8	13.4	90	4.2	5	6	4	9	6	0	0	0	1	0	0	1	9	10	9	0	0	9	18	3	4	7	4	1	6	1	2	2	
Benbecula [Inverness]																																					
7	3	1016.4	-	11.6	0.8	12.3	89	4.3	2	10	4	8	6	0	0	0	0	0	1	5	9	7	8	0	1	8	17	4	1	3	4	10	2	1	3	2	
	9	1016.8	+3.2	14.8	2.1	13.1	78	4.7	3	5	6	14	2	0	0	0	0	0	0	3	10	6	11	0	1	14	15	0	1	4	1	8	7	3	5	1	
	15	1016.4	-	16.6	3.2	13.0	69	4.0	5	7	4	11	3	0	0	0	0	0	0	3	8	6	13	0	0	14	16	0	1	3	1	4	7	3	6	5	
	21	1016.1	-	13.5	1.7	12.6	81	4.7	3	4	7	14	2	0	0	0	0	0	1	2	9	10	8	0	1	10	18	1	5	4	6	7	2	1	3	1	
1 SCOTLAND, E.																																					
Kinloss [Moray]																																					
6	3	1017.9	-	10.1	1.2	10.6	85	3.9	4	10	4	7	4	1	0	0	1	0	2	2	4	4	5	12	0	0	1	21	8	1	1	6	0	3	6	4	1
	9	1018.0	+4.4	15.0	2.7	12.2	72	5.2	3	3	6	14	4	0	0	0	0	0	0	1	5	6	8	10	0	1	5	23	1	7	6	3	2	1	1	8	1
	15	1017.1	-	17.8	3.9	12.9	64	4.9	3	3	7	14	3	0	0	0	0	0	0	0	5	6	14	0	1	13	14	2	3	6	3	4	2	1	7	2	
	21	1017.3	-	13.9	2.2	12.2	77	4.6	1	8	5	14	2	0	0	0	0	0	1	5	3	7	14	0	0	4	26	0	2	5	8	0	5	6	3	1	
Dyce [Aberdeen]																																					
59	3	1018.5	-	9.0	0.5	10.8	93	5.7	1	5	3	8	7	6	0	5	0	1	2	3	5	7	1	6	0	0	2	15	13	4	0	0	1	2	5	3	2
	9	1018.6	+4.2	14.2	2.5	11.9	74	5.2	3	4	6	11	6	0	0	0	0	0	3	8	4	8	7	0	1	7	20	2	6	2	4	4	8	0	3	1	
	15	1017.9	-	16.2	3.4	12.2	67	4.1	3	9	6	8	4	0	0	0	0	0	1	3	15	5	6	0	1	15	14	0	3	2	8	6	9	1	1	0	
	21	1018.2	-	12.0	1.3	11.9	84	4.7	0	11	3	10	5	1	0	0	0	1	0	3	7	10	6	3	0	0	5	18	7	3	3	3	2	8	3	0	1
Fraserburgh [Aberdeen]																																					
22	3	1018.4	-	10.2	0.6	11.5	92	5.1	1	5	10	4	8	2	0	1	1	0	4	1	7	9	7	0	0	1	4	25	0	2	3	6	9	2	5	1	
	9	1018.6	+4.4	13.1	1.8	12.1	81	4.4	4	6	8	4	7	1	0	0	0	1	0	3	9	6	11	0	0	1	10	17	2	4	1	5	3	8	0	7	0
	15	1018.1	-	13.8	1.9	12.5	79	3.7	2	10	8	7	2	1	0	0	0	1	0	1	7	10	10	1	0	0	12	18	0	3	2	8	5	7	0	3	2
	21	1018.0	-	12.1	1.2	12.2	86	4.5	1	9	7	9	4	0	0	0	0	1	1	6	15	7	0	0	0	7	23	0	4	1	4	5	12	0	3	1	
Usan [Angus]																																					
35	3	1018.5	-	10.0	0.4	11.6	94	4.7	1	8	6	10	3	2	0	0	1	2	3	2	3	4	7	8	0	0	1	17	12	3	5	1	0	1	4	0	4
	9	1018.8	-	12.3	1.0	12.6	88	5.3	1	7	4	10	7	1	0	0	0	2	0	6	3	5	7	7	0	0	6	19	5	0	6	7	1	7	2	2	0
	15	1018.1	-	13.9	1.8	12.8	81	4.3	3	8	5	9	5	0	0	0	0	2	2	4	8	5	9	0	1	5	22	2	0	7	7	2	7	2	3	0	
	21	1018.1	-	11.9	1.0	12.2	88	4.7	1	9	4	9	6	1	0	0	1	0	0	3	7	4	7	8	0	0	5	19	6	2	9	3	1	2	4	3	0
Leuchars [Fife]																																					
12	3	1018.3	-	10.0	0.5	11.5	93	6.3	2	2	2	12	12	0	0	0	2	2	1	1	7	8	6	3	0	0	1	23	6	3	10	1	0	1	2	7	0
	9	1018.6	+4.1	13.4	1.7	12.4	81	5.5	0	6	5	13	6	0	0	0	1	0	4	3	8	10	4	0	1	9	20	0	0	4	12	4	4	3	2	1	
	15	1017.9	-	15.4	2.9	12.3	71	4.5	2	6	8	9	5	0	0	0	0	0	1	6	5	13	5	0	1	21	8	0	0	4	16	0	2	3	5	0	
	21	1017.9	-	12.2	1.3	12.0	85	5.4	1	4	9	9	7	0	0	0	0	1	0	3	4	10	8	4	0	0	7	22	1	2	7	8	2	0	6	2	2
Turnhouse [Midlothian]																																					
44	3	1018.3	-	10.2	0.6	11.5	91	5.6	1	5	5	10	7	2	0	0	2	1	0	4	7	7	6	3	0	0	1	21	8	0	4	9	0	2	7	0	0
	9	1018.6	+3.9	13.5	1.7	12.5	81	5.9	2	3	2	15	8	0	0	0	0	3	1	3	7	5	5	3	0	1	8	20	1	2	8	8	1	3	2	4	1
	15	1017.8	-	16.0	3.3	12.1	68	4.8	0	10																											

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS

JUNE,

1970

Height of Barometer above M.S.L. in metres	Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Metres and Kilometres)										WIND SPEED AND DIRECTION																	
		At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	MEAN	0	1-2	3-5	6-7	8	9	0-39 m.	40-190 m.	200-300 m.	400-590 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.			
																									SPEED IN KNOTS															
																									8 or more	22-33	11-21	1-10	0											
																									Number of Observations															
6a. SCOTLAND, W. — contd.																																								
9	3	1018.2		11.5	1.0	12.1	88	5.2	0	8	4	10	8	0	0	0	1	0	0	7	9	8	5	0	0	0	0	0	0	2	25	3	1	10	6	3	1	6	0	0
		1018.3		+0.5	15.0	2.3	12.9	75	4.9	2	5	7	11	5	0	0	0	0	0	5	10	5	7	3	0	1	8	18	3	0	11	6	1	4	1	4	0	0		
		1017.2		-	18.5	4.0	13.5	64	4.6	1	8	7	10	4	0	0	0	0	0	0	9	10	4	7	0	0	21	8	1	0	13	3	1	4	5	3	0	0		
		1017.4		-	14.6	2.1	13.0	78	4.6	0	11	5	8	6	0	0	0	0	1	1	10	8	7	3	0	0	10	17	3	1	9	5	4	0	3	4	1	1		
		1018.2		-	14.3	2.2	12.6	77	4.7	2	8	4	10	6	0	0	0	0	0	2	7	14	6	1	0	0	8	21	1	8	6	3	1	5	4	2	0	0		
15	3	1017.7		+2.9	11.4	1.0	12.0	88	4.1	4	6	8	7	5	0	0	0	0	0	2	10	13	5	0	0	0	2	26	2	1	0	8	8	3	3	2	2	1	1	
		1016.8		-	18.5	4.0	13.4	64	4.3	0	9	10	9	2	0	0	0	0	0	8	7	7	8	0	0	10	19	1	1	4	5	4	3	4	6	2	2			
		1016.9		-	14.7	2.0	13.2	79	4.5	3	5	7	12	3	0	0	0	0	1	1	9	10	7	2	0	0	4	22	4	1	6	8	1	4	2	3	1	1		
		1017.8		-	12.7	1.4	12.3	83	4.5	3	7	6	9	5	0	0	0	0	1	2	8	9	8	2	0	1	0	25	4	11	2	2	1	4	4	2	0	0		
		1017.1		-	17.6	3.8	12.9	65	5.1	1	5	6	13	5	0	0	0	0	1	3	14	7	5	0	0	13	17	0	1	7	7	1	8	4	1	1	1	1		
237	3	1018.6		-	9.5	0.6	11.0	92	5.4	4	3	4	7	12	0	0	1	1	3	5	4	14	2	0	0	0	3	20	7	11	3	0	1	3	4	1	0	0		
		1018.2		+3.4	14.3	2.2	12.6	77	4.7	2	8	4	10	6	0	0	0	0	2	7	14	6	1	0	0	8	21	1	8	6	3	1	5	4	2	0	0			
		1017.1		-	17.6	3.8	12.9	65	5.1	1	5	6	13	5	0	0	0	0	1	3	14	7	5	0	0	13	17	0	1	7	7	1	8	4	1	1	1	1		
		1017.8		-	12.7	1.4	12.3	83	4.5	3	7	6	9	5	0	0	0	0	1	2	8	9	8	2	0	1	0	25	4	11	2	2	1	4	4	2	0	0		
		1017.5		-	13.7	1.6	12.9	82	4.3	8	3	3	11	3	2	0	0	1	1	0	1	6	15	0	0	3	23	3	1	4	2	7	2	8	3	2	1	1		
79	3	1017.0		-	16.2	2.7	13.4	73	3.6	10	3	5	8	4	0	0	0	0	0	5	10	13	2	1	5	12	9	3	0	0	7	2	11	2	2	3	3	3		
		1016.3		-	14.1	1.8	13.4	83	4.2	4	4	9	10	1	2	0	1	1	0	0	6	5	14	3	0	6	13	11	0	9	3	5	0	7	1	2	3	3		
		1017.4		-	12.7	1.3	12.6	86	3.6	6	8	5	6	5	0	0	0	0	3	3	9	8	3	4	0	0	6	23	1	3	10	6	2	0	4	4	0	0		
		1018.0		+2.2	15.3	2.4	13.0	75	4.3	2	10	4	10	4	0	0	0	0	0	4	6	13	1	6	0	1	13	16	0	0	1	14	1	7	4	3	0	0		
		1017.2		-	17.5	3.6	13.3	67	3.8	3	9	6	10	2	0	0	0	0	0	4	7	8	5	6	0	0	10	20	0	0	0	11	4	9	4	1	1	1		
Point of Ayre	9	1016.7		-	14.9	2.1	13.3	79	4.2	4	7	7	7	5	0	0	0	0	1	0	2	5	13	9	0	0	8	20	2	6	7	6	0	4	2	2	1	1		
		1017.8		-	12.1	0.7	13.0	91	4.3	5	6	5	8	6	0	0	0	0	1	1	3	9	10	6	0	0	11	16	3	0	8	4	5	1	3	5	1	1		
		1018.5		-	14.5	1.7	13.4	81	4.7	2	7	7	7	7	0	0	0	0	1	0	1	5	10	10	3	0	1	17	12	0	0	7	7	4	2	3	6	1		
		1017.5		-	17.1	2.8	14.1	73	3.6	6	7	6	8	3	0	0	0	0	0	2	3	13	7	5	0	2	10	18	0	1	4	7	2	7	4	2	3	3		
		1017.1		-	14.0	1.4	13.5	84	4.4	3	4	10	10	3	0	0	0	0	0	2	3	9	10	6	0	1	8	19	2	1	3	6	3	3	5	6	1	1		
2. ENGLAND, N.E.																																								
Acklington [Northumberland]	46	1018.6		-	9.2	0.4	11.0	94	4.7	4	6	4	9	5	2	1	1	0	2	1	2	12	7	4	0	0	0	0	28	2	8	0	0	0	4	0	12	4	4	
		1018.5		+3.6	14.6	1.9	13.3	80	5.3	1	5	5	15	4	0	0	0	0	0	1	2	11	11	1	4	0	0	9	20	1	4	10	2	3	3	3	3	1	1	
		1018.0		-	15.8	2.7	13.1	73	4.3	4	7	6	7	6	0	0	0	0	0	1	2	5	11	5	6	0	0	15	15	0	2	11	4	4	2	5	0	0	0	
		1018.2		-	11.9	0.9	12.4	89	4.4	4	7	6	7	6	0	0	0	0	1	2	5	9	9	2	0	0	3	20	7	4	5	3	1	3	2	3	0	2	2	
		1018.8		-	13.0	1.3	12.9	86	5.4	5	0	8	7	7	3	0	4	1	1	5	7	8	4	0	0	0	14	16	0	14	1	0	4	4	2	4	1	1	1	
Tynemouth [Northumberland]	40	1018.2		-	14.2	1.8	13.0	81	4.5	7	1	10	4	6	2	0	2	0	0	2	1	9	7	9	0	0	1	17	12	0	9	5	3	5	2	1	5	0	0	
		1018.1		-	13.1	1.4	12.7	85	4.8	1	6	10	8	4	1	0	1	0	1	2	1	9	11	5	0	0	9	19	2	7	2	6	1	4	1	7	0	0		
		1018.8		+0.5	13.0	1.3	12.9	86	5.4	5	0	8	7	7	3	0	4	1	1	5	7	8	4	0	0	0	14	16	0	14	1	0	4	4	2	4	1	1		
		1018.2		-	14.2	1.8	13.0	81	4.5	7	1	10	4	6	2	0	2	0	0	2	1	9	7	9	0	0	1	17	12	0	9	5	3	5	2	1	5	0	0	
		1018.1		-	13.1	1.4	12.7	85	4.8	1	6	10	8	4	1	0	1	0	1	2	1	9	11	5	0	0	0	9	19	2	7	2	6	1	4	1	7	0	0	
Seahouses [Northumberland]	12	1018.8		-	10.5	0.5	11.9	93	5.3	3	3	6	6	8	4	1	3	0	1	1	2	5	12	3	2	0	0	1	24	5	5	2	0	1	7	5	4	1	1	
		1018.9		-	13.1	1.2	13.1	87	6.0	1	3	6	10	5	5	0	1	2	2	2	8	4	5	4	0	0	5	25	0	11	5	2	2	3	2	4	1	1		
		1018.4		-	14.5	2.0	13.0	80	4.8	4	4	9	2	8	3	0	1	1	2	0	3	7	5	5	6	0	0	12	18	0	8	4	5	5	1	2	5	0	0	
		1018.3		-	12.2	0.8	12.9	91	4.5	4	6	6	4	8	2	0	1	0	1	2	2	8	6	8	2	0	0	4	22	4	2	5	3	4	7	1	4	0	0	
		1018.8		-	10.8	0.9	11.6	89	4.7	5	4	4	9	4	4	0	3	2	0	2	5	7	3	6	2	0	0	3	21	6	11	1	0	3	3	2	2	2	2	
Leeming [Yorks, N.Riding]	33	1018.7		+3.0	15.3	2.4	13.1	75	5.5	1	6	4	11	8	0	0	0	0	0	1	7	7	8	3	4	0	0	9	21	0	9	4	1	4	5	2	4	1	1	
		1017.7		-	19.4	4.7	13.1	58	4.2	1	10	6	9	4	0	0	0	0	0	1	8	11	2	8	0	0	21	9	0	6	9	0	3	3	3	5	1	1		
		1018.3		-	14.3	2.1	12.6	77	4.6	2	10	2	7	9	0	0	0	0	1	3	2	5	9	5	5	0	0	5	25	0	13	1	2	2	4	1	6	1	1	
		1018.7		-	14.0	1.3	13.8	86	5.4	1	4	8	9	6	2	0	1	1	2	0	1	4	15	6	0	0	0	10	17	3	3	3	4	3	4	2	1	7	1	
		1018.1		-	13.3	1.2	13.4	88	4.9	3	3	8	9	6	1	0	0	0	2	0	1	4	16	7	0	0	1	5	16	8	4	0	3	3	7	1	3	1	1	
Kilnsea [Yorks, E.Riding]	16	1018.6		-	12.0	0.8	12.7	90	4.4	5	4	10	3	5	3	0	1	2	0	1	3	8	15	0	0	0	0	19	7	4	4	7	4	1	3	2	2	3	3	
		1019.0		+3.1	13.8	1.7	12.9	82	4.3	4	6	8	5	1	0	1	0	1	0	2	12	14	0	0	0	1	14	12	3	4	7	4	4	1	1	6	0	0		
		1018.4		-	14.9	2.1																																		

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS

JUNE,

1970

Height of Barometer above M.S.L. in metres	Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktaa)					VISIBILITY (Metres and Kilometres)										WIND SPEED AND DIRECTION																
		At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	MEAN	0	1-2	3-5	6-7	8	9	0-39 m.	40-100 m.	200-300 m.	400-500 m.	1000-1500 m.	2000-3000 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.		
																									SPEED IN KNOTS														
																									8 or more	4-7	4-5	1-3	Calm										
																									34 or more	23-33	11-21	1-10	0										
Number of Observations																																							
3. ENGLAND, E. - contd.																																							
51	3	1018.1	-	11.2	0.9	11.9	89	4.1	2	11	5	6	6	0	0	0	0	0	0	7	14	6	3	0	0	0	4	20	6	5	7	2	1	2	4	3	0		
	9	1018.3	+1.9	18.1	4.2	12.7	61	3.8	5	8	5	7	5	0	0	0	0	0	0	0	11	9	8	2	0	0	0	8	22	0	3	9	5	5	3	2	3	0	
	15	1017.3	-	21.3	6.4	12.1	48	4.8	0	9	6	11	4	0	0	0	0	0	0	0	5	9	11	5	0	0	0	15	15	0	3	3	10	2	2	6	2	1	
	21	1017.9	-	15.0	2.7	12.3	71	3.6	4	10	5	9	2	0	0	0	0	0	0	0	9	9	7	5	0	0	0	4	24	2	4	7	4	4	3	4	2	0	
Wattisham [Suffolk]	91	3	1018.1	-	11.4	0.7	12.4	92	3.4	3	11	9	1	6	0	0	0	0	0	7	14	7	2	0	0	0	2	27	1	5	9	1	3	1	6	3	1		
	9	1018.4	-	17.5	3.3	13.7	68	3.2	8	9	4	6	3	0	0	0	0	0	0	8	11	11	0	0	0	0	12	17	1	2	9	4	5	1	3	4	1		
	15	1017.5	-	19.9	4.9	13.4	58	4.3	0	12	5	8	5	0	0	0	0	0	0	7	10	12	1	0	0	1	11	18	0	1	4	8	5	3	6	3	0		
	21	1017.9	-	14.7	2.1	13.1	78	3.1	6	10	7	4	3	0	0	0	0	0	0	11	11	7	1	0	0	6	24	0	2	9	4	3	4	6	2	0			
Aldeburgh [Suffolk]	9	3	1018.2	-	-	-	-	3.7	10	3	6	4	7	0	0	0	0	2	0	5	12	11	0	0	0	2	9	19	0	3	11	4	3	3	2	3	1		
	9	1017.8	-	-	-	-	-	3.3	12	2	6	6	4	0	0	0	0	0	0	0	12	13	0	0	0	0	0	19	11	0	2	14	2	3	5	2	2	0	
	15	1017.4	-	-	-	-	-	3.2	8	8	6	3	5	0	0	0	0	0	0	11	19	0	0	0	0	2	11	16	1	4	11	2	1	8	2	0			
	21	1017.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Wyton [Hunts]	43	3	1018.1	-	11.2	0.8	12.1	91	4.7	5	4	5	10	6	0	0	0	0	2	3	6	13	6	0	0	0	0	1	27	2	5	7	4	0	2	5	3	2	
	9	1018.6	-	16.6	2.8	13.7	72	4.1	5	7	5	8	5	0	0	0	0	0	0	2	11	8	8	1	0	0	0	6	23	1	3	9	4	2	3	4	3	1	
	15	1017.4	-	20.9	5.2	13.9	57	5.0	0	7	10	6	7	0	0	0	0	0	0	0	6	12	8	4	0	0	0	10	19	1	2	10	5	2	2	3	5	0	
	21	1017.8	-	15.6	2.5	13.3	74	4.1	3	7	8	9	3	0	0	0	0	0	0	3	6	11	9	1	0	0	5	24	1	1	9	5	2	2	4	6	0		
Cardington [Bedford]	29	3	1018.2	-	10.7	0.5	12.2	94	4.6	4	6	4	9	7	0	0	0	0	3	9	12	2	4	0	0	0	2	26	2	3	10	2	1	3	5	4	0		
	9	1018.6	+2.0	16.9	3.0	13.5	70	4.3	2	8	8	6	6	0	0	0	0	0	1	2	8	11	7	1	0	0	6	23	1	3	8	5	2	2	3	4	2		
	15	1017.3	-	21.5	5.8	13.4	53	5.0	0	6	9	11	4	0	0	0	0	0	0	0	2	17	11	0	0	0	0	12	18	0	4	4	10	0	3	4	2		
	21	1017.8	-	15.1	2.1	13.5	78	4.3	4	7	5	8	6	0	0	0	0	0	0	2	7	16	5	0	0	0	4	25	1	1	11	2	3	3	6	3	0		
Stansted [Essex]	102	3	1018.0	-	11.6	0.9	12.3	89	3.2	6	10	4	9	1	0	0	0	0	1	0	4	9	13	3	0	0	0	0	24	6	8	3	2	1	3	4	2	1	
	9	1018.4	+1.6	17.4	3.5	13.3	66	3.5	7	7	5	11	0	0	0	0	0	0	0	2	8	5	15	0	0	0	3	24	3	4	7	4	2	1	5	3	1		
	15	1017.3	-	20.8	5.7	12.9	52	4.6	0	9	7	11	3	0	0	0	0	0	0	0	2	8	16	4	0	0	0	11	18	1	2	5	6	3	5	3	0		
	21	1017.8	-	15.2	2.5	13.0	74	3.3	5	8	8	8	1	0	0	0	0	0	0	4	4	8	14	0	0	0	3	22	5	3	4	7	2	5	2	2	0		
Shoeburyness [Essex]	5	9	1018.0	+0.9	17.4	2.6	14.9	74	3.6	8	5	3	12	1	1	0	0	0	1	0	5	12	5	4	3	0	0	7	23	0	1	5	12	1	1	4	4	2	
	15	1017.4	-	18.5	3.3	14.8	69	3.9	3	9	7	7	4	0	0	0	0	0	0	7	7	9	1	6	0	1	11	18	0	1	5	13	3	3	4	1	0		
	21	1017.5	-	15.2	1.8	14.0	81	3.9	3	10	6	4	7	0	0	0	0	1	3	10	5	7	4	0	0	0	10	18	2	2	8	6	2	3	5	2	0		
	8	3	1017.9	-	13.7	1.2	13.5	86	3.4	5	9	7	3	6	0	0	0	0	0	2	12	16	0	0	0	0	0	8	20	2	3	5	7	2	1	2	5	3	
Walton-on-Naze [Essex]	8	9	1018.5	-	16.8	2.6	14.3	74	3.4	8	5	9	5	2	1	0	0	0	1	0	4	10	15	0	0	0	0	1	12	17	0	0	7	9	4	1	4	3	
	9	1018.5	-	16.8	2.6	14.3	74	3.4	8	5	9	5	2	1	0	0	0	0	1	0	4	10	15	0	0	0	0	1	12	17	0	0	7	9	4	1	4	3	
	15	1017.9	-	17.4	2.9	14.4	72	3.6	5	8	9	3	5	0	0	0	0	0	0	4	10	16	0	0	0	0	1	17	12	0	0	7	10	3	4	5	0		
	21	1017.9	-	15.2	1.9	13.9	80	3.6	4	9	9	2	6	0	0	0	0	0	0	1	11	18	0	0	0	0	1	12	16	1	0	10	7	2	1	6	2		
4. MIDLAND COUNTIES																																							
Huddersfield Oakes [Yorks, W.R.]	235	3	1018.2	-	10.3	1.5	10.3	81	5.8	2	1	10	3	13	1	1	1	1	4	8	11	3	0	0	0	0	6	21	3	1	10	4	0	0	4	6	2		
	9	1018.8	+3.1	15.4	2.4	13.1	75	5.9	0	5	3	12	10	0	0	0	1	2	3	4	14	4	2	0	0	0	6	22	2	0	9	8	0	1	4	6	0		
	15	1017.5	-	19.7	4.9	13.2	59	5.4	0	2	12	12	4	0	0	0	0	0	0	1	12	6	10	1	0	0	7	22	1	2	9	5	1	1	4	6	1		
	21	1018.0	-	14.0	2.0	12.5	77	4.2	6	4	8	4	8	0	0	0	0	0	0	0	18	4	8	0	0	0	3	25	2	0	7	7	2	3	4	5	2		
Watnall [Nottingham]	119	3	1018.6	-	11.2	0.6	12.3	91	4.1	6	4	8	9	2	1	0	0	0	3	4	11	11	0	0	0	0	1	26	3	5	11	0	0	3	3	5	0		
	9	1018.7	+2.5	16.4	2.9	13.4	71	4.2	3	9	5	7	6	0	0	0	0	0	0	2	13	8	6	1	0	0	7	23	0	0	14	3	1	3	3	5	1		
	15	1017.3	-	21.1	5.6	13.3	54	4.4	1	10	5	9	5	0	0	0	0	0	0	0	4	7	14	5	0	0	0	16	14	0	0	5	10	1	3	5	4	2	
	21	1018.0	-	15.0	2.3	13.0	76	4.1	4	9	6	4	7	0	0	0	0	0	0	1	10	9	10	0	0	0	3	23	4	1	9	5	0	3	3	5	0		
Finningley [Nottingham]	14	3	1018.4	-	11.5	0.8	12.4	91	4.5	5	4	6	7	7	1	0	0	0	2	3	13	9	1	0	0	0	3	19	8	9	1	0	2	4	3	2	1		
	9	1018.6	+2.7	16.9	2.9	13.8	71	4.8	2	6	5	13	4	0	0	0	0	0	0	1	11	10	7	1	0	0	8	20	2	4	7	4	2	4	3	4	0		
	15	1017.3	-	21.8	5.8	13.9	53	4.3	3	7	7	9	4	0	0	0	0	0	0	0	3	15	11	1	0	0	0	14	16	0	0	3	12	2	1	6	3	0	
	21	1017.9	-	15.5	2.4	13.3	75	3.7	4	12	2	7	5	0	0	0	0	0	0	2	7	16	4	1	0	0	4	23	3	1	7	9	0	4	1	4	1		
Wittering [Northampton]	67	3	1018.2	-	11.6	0.9	12.3	89	4.1																														

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS

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1970

Height of Barometer above M.S.L. in metres	Hour of Observation (GMT)	MEAN PRESSURE IN mBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktaa)					VISIBILITY (Metres and Kilometres)										WIND SPEED AND DIRECTION														
		At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	Mean	0	1-2	3-5	6-7	8	9	0-39 m.	40-190 m.	200-390 m.	400-990 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
																									SPEED IN KNOTS												
																									8 or more	4, 7	4, 5	1-3	Calm								
																									34 or more	22-33	11-21	1-10	0								
Number of Observations																																					
7a ENGLAND, N.W.																																					
Ringway [Cheshire]																																					
84	3	1018.0	-	12.9	1.7	12.1	81	3.8	2	11	6	8	3	0	0	0	0	1	1	10	16	2	0	0	0	4	21	5	0	8	4	3	5	0	5	0	
	9	1018.3	+2.5	16.8	3.5	12.6	67	3.9	5	9	2	8	6	0	0	0	0	0	5	8	13	4	0	0	0	9	19	2	0	8	4	2	4	5	5	0	
	15	1017.0	-	20.5	5.6	12.6	53	4.7	0	6	11	10	3	0	0	0	0	0	2	4	16	8	0	0	0	11	19	0	1	0	10	4	4	5	4	2	
	21	1017.4	-	16.6	3.1	13.1	69	4.3	3	5	11	7	4	0	0	0	0	0	5	9	13	3	0	0	0	6	23	1	0	3	14	1	3	2	2		
7b NORTH WALES																																					
Valley [Anglesey]																																					
11	3	1017.3	-	12.7	0.8	13.5	91	4.0	8	5	4	6	4	3	0	0	0	3	1	3	9	5	8	1	0	3	13	7	7	1	1	7	0	7	2	5	0
	9	1017.8	+1.9	15.8	2.2	14.0	78	4.7	4	6	3	12	4	1	0	0	0	1	1	12	8	6	1	0	2	15	12	1	1	3	6	0	6	10	3	0	
	15	1017.0	-	18.4	3.5	14.3	69	3.9	4	7	8	8	3	0	0	0	0	0	0	10	10	6	4	0	5	15	10	0	1	6	2	0	7	8	2	4	
	21	1016.9	-	14.8	1.5	14.2	84	4.6	7	3	4	9	7	0	0	0	0	0	2	7	11	7	3	0	1	12	14	3	4	6	3	0	7	3	2		
Bardsey Island [Caernarvon]																																					
19	3	1017.3	-	12.8	0.7	13.6	92	5.1	6	3	4	5	7	5	0	3	0	2	0	0	2	11	10	2	0	0	10	19	1	4	2	7	4	4	3	3	2
	9	1017.7	-	13.7	1.1	13.8	89	5.4	6	2	2	7	8	5	0	4	0	1	0	0	6	2	14	3	0	0	9	20	1	6	0	8	1	7	3	3	1
	15	1017.0	-	15.2	1.6	14.4	84	5.6	1	4	5	11	6	3	0	2	1	1	0	1	2	7	11	5	0	0	11	18	1	11	0	3	1	8	3	1	2
	21	1016.7	-	13.8	1.1	13.9	89	5.3	3	3	7	5	11	1	0	1	0	0	0	1	4	9	12	3	0	0	9	20	1	10	2	3	2	5	3	3	1
8a SOUTH WALES																																					
Aberporth [Cardigan]																																					
134	3	1017.3	-	12.6	1.2	12.6	86	4.7	6	4	4	7	6	3	1	2	0	1	0	2	10	5	8	1	0	1	8	20	1	1	0	6	5	5	2	9	1
	9	1017.6	+1.4	14.8	2.0	13.3	80	5.2	3	7	1	6	10	3	1	1	0	1	1	2	7	10	5	2	0	0	9	18	3	1	2	5	1	7	3	2	6
	15	1016.9	-	16.6	2.8	13.6	73	5.1	2	6	5	9	5	3	0	2	1	2	0	0	12	4	4	5	0	1	13	15	1	6	3	2	4	3	3	5	
	21	1016.9	-	14.4	1.7	13.3	82	4.8	3	7	4	8	5	3	0	3	0	1	1	1	10	8	3	3	0	0	7	21	2	1	1	5	6	4	2	7	2
Milford Haven C.B. [Pembroke]																																					
39	3	1017.4	-	13.5	1.3	13.3	86	4.8	9	0	5	4	9	3	0	1	1	1	0	0	14	8	4	1	0	0	9	18	3	4	3	5	3	1	2	7	2
	9	1017.9	+1.2	15.5	2.0	14.1	80	5.3	7	1	3	6	12	1	0	0	1	0	0	3	17	9	0	0	0	1	7	18	4	1	0	10	2	4	4	3	2
	15	1017.2	-	17.6	3.0	14.4	72	4.3	4	6	6	9	5	0	0	0	0	0	0	1	21	6	2	0	0	0	12	18	0	1	0	5	1	4	12	5	2
	21	1016.9	-	15.3	1.8	14.1	81	5.0	7	3	3	3	13	1	0	0	1	0	0	2	21	5	1	0	0	0	6	21	3	5	3	3	2	1	6	4	3
Brynamman [Carmarthen]																																					
	9	-	-	16.0	1.7	15.1	83	5.0	2	8	2	11	7	0	0	0	0	0	4	3	18	1	4	0	0	0	4	22	4	0	1	6	4	6	2	5	2
	15	-	-	19.0	2.7	16.8	76	5.2	1	4	8	11	6	0	0	0	0	0	6	3	14	0	5	2	0	0	7	20	3	0	2	3	5	3	5	7	2
	21	-	-	15.2	1.1	15.4	89	4.6	7	4	2	12	5	0	0	0	0	1	7	2	15	2	3	0	0	0	2	18	10	0	5	3	2	2	1	6	1
Mumbles [Glamorgan]																																					
37	3	1017.1	-	14.1	1.4	13.7	85	5.0	4	5	5	5	9	2	0	1	0	1	2	1	5	11	7	2	0	0	12	13	5	2	5	6	1	1	3	6	1
	9	1017.6	-	14.9	1.6	14.0	83	5.5	4	2	6	5	10	3	0	1	1	2	2	3	12	3	6	0	0	0	10	15	5	0	0	9	1	2	8	4	1
	15	1017.0	-	16.5	2.4	14.3	77	4.8	2	5	10	4	8	1	0	1	0	1	2	4	11	3	6	2	0	0	14	14	2	1	0	3	1	6	9	7	1
	21	1016.6	-	15.7	2.0	14.2	80	4.8	4	6	5	4	10	1	0	1	0	0	0	7	11	6	5	0	0	0	13	14	3	1	1	6	0	1	6	8	4
Rhoose [Glamorgan]																																					
69	3	1017.6	-	12.6	0.9	13.2	90	4.7	4	5	8	5	5	3	0	1	3	1	0	2	9	10	4	0	0	0	7	20	3	1	7	5	2	0	2	8	2
	9	1018.0	+0.9	15.5	2.0	14.0	79	5.2	4	4	2	12	7	1	0	0	0	1	3	4	8	9	5	0	0	0	14	14	2	2	8	4	3	0	1	10	0
	15	1016.9	-	18.7	3.6	14.4	68	4.5	0	10	7	6	7	0	0	0	0	0	1	2	9	12	3	3	0	0	20	10	0	0	5	6	1	4	1	11	2
	21	1017.1	-	14.7	1.6	14.0	84	4.1	2	10	6	5	5	2	0	1	1	0	1	4	9	7	5	2	0	0	10	19	1	0	6	4	1	3	1	12	2
8b ENGLAND, S.W.																																					
Yeovilton [Somerset]																																					
23	3	1018.0	-	12.4	1.0	12.9	89	4.4	6	4	5	8	4	3	0	0	0	4	1	8	10	6	1	0	0	0	2	13	15	1	3	3	0	3	1	2	2
	9	1018.3	-	16.6	2.6	14.0	73	5.3	3	3	6	13	5	0	0	0	0	1	1	6	14	6	2	0	0	0	12	14	4	2	3	6	1	2	4	5	3
	15	1017.2	-	20.8	5.0	14.2	59	4.9	3	2	12	7	6	0	0	0	0	0	0	1	12	11	6	0	0	2	13	14	1	2	2	4	5	5	4	5	2
	21	1017.4	-	15.9	2.1	14.1	78	4.2	5	9	3	6	7	0	0	0	0	0	3	5	12	7	3	0	0	0	3	17	10	2	2	4	1	4	3	1	3
Portland Bill [Dorset]																																					
54	3	1017.4	-	13.3	0.6	14.3	94	4.2	7	5	4	7	6	1	0	1	0	1	1	14	9	3	0	0	2	12	16	0	4	8	8	1	0	1	6	2	
	9	1018.1	-	15.4	1.2	15.3	88	4.2	5	7	4	6	6	2	0	2	0	0	1	4	13	5	5	0	0	2	10	15	3	0	2	12	1	0	2	7	2
	15	1017.6	-	16.1	1.5	15.5	85	3.7	5	9	6	3	5	2	0	0	1	1	3	3	8	10	4	0	0	2	11	16	1	0	0	7	6	2	6	5	3
	21	1017.2	-	14.0	0.7	14.8	93	3.6	4	11	4	6	3	2	1	1	1	0	3	3	12	5	4	0	0	2	10	18	0	6	0	10	1	1	3	6	3
Hartland Point [Devon]																																					
93	3	1016.6	-	13.2	0.9	13.6	90	4.3	8	4	4	4	8	2	0	2	0	0	3	2	5	8	10	0	0	2	14	10	4	0	4	4	5	3	1	7	2
	9	1017.0	-	14.2	1.1	14.2	87	5.5	5	2	3	10	4	6	0	1	3	3	0	2	6	9	6	0	0	3	14	10	3	0	8	3	2	1	6	4	3
	15	1016.3	-	15.9	1.9	14.4	81	5.2	2	4	9	4	10	1	1	0	1	1	2	3	9	7	5	1	0	1	14	14	1	1	7	4	0	0	3	13	1
	21	1016.3	-	14.8	1.4	14.4	86	4.9	3	5	7	8	6	1	0	0	1	1	1	1	10	9	7	0	0	0	14	12	4	0	2	8	0	2	2	9	3
Mount Batten [Devon]																																					
30	3	1017.5	-	13.7	1.0	14.0	89	4.7	4	5	4	12	5	0	0	0	0	0	1	2	11	15	1	0	0	0	6	23	1	3	1	10	1	2	0	8	
	9	1018.0	+0.5	16.2	2.0	14.7	80	5.1	4	6	1	10	9	0	0	0	0	0	1	3	11	8	4	3	0	2	14	14	0	0	11	1	2	6	5	2	
	15	1017.3	-	18.0	2.8	15.1	74	4.9	2	5	7	10	6	0	0	0	0	0	0	1	2	9	9	5	4	0	2	17	11	0	1	0	8	1	5		

TABLE IV

—SUMMARY OF OBSERVATIONS AT FIXED HOURS

JUNE,

1970

Height of Barometer above M.S.L. in metres	Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)							VISIBILITY (Metres and Kilometres)										WIND SPEED AND DIRECTION												
		At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	MEAN	0	1—2	3—5	6—7	8	9	0—39 m.	40—190 m.	200—390 m.	400—590 m.	1000—1900 m.	2000—3960 m.	4—9 km.	10—19 km.	20—39 km.	40 km and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
																									SPEED IN KNOTS												
																									8 or more	6, 7	4, 5	1, 3	Calm								
																									24 or more	22-33	11-21	1-10	0								
Number of Observations																																					
9 NORTHERN IRELAND — contd.																																					
Aldergrove [Antrim]																																					
73	3	1017.3	-	12.6	1.3	12.5	85	5.2	3	3	6	11	7	0	0	0	0	0	0	3	11	9	7	0	0	0	5	25	0	2	3	10	4	6	2	1	2
	9	1017.7	+2.5	15.5	2.0	13.0	73	4.8	5	4	2	14	5	0	0	0	0	0	0	2	9	11	6	2	0	0	8	22	0	1	3	10	3	6	4	2	1
	15	1016.6	-	19.0	4.4	13.3	61	5.1	2	6	5	11	6	0	0	0	0	0	0	1	8	9	9	3	0	0	14	16	0	1	1	7	6	5	7	1	2
	21	1016.6	-	15.0	2.0	13.5	79	4.5	4	7	3	12	4	0	0	0	0	0	0	2	9	10	8	1	0	0	6	24	0	2	2	9	6	2	3	5	1
Black Mountain [Antrim]																																					
-	9	-	-	13.2	1.2	13.1	87	4.7	8	3	2	7	8	2	0	1	0	1	1	8	9	4	2	4	0	3	12	15	0	0	10	7	1	4	5	2	1
	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	21	-	-	13.1	1.0	13.5	88	4.7	4	5	7	4	10	0	0	0	0	2	1	8	11	4	2	2	0	2	7	18	3	5	6	5	2	1	3	4	1
Kilkeel [Down]																																					
20	9	1017.5	+1.9	14.7	2.0	13.1	78	5.3	3	2	6	16	3	0	0	0	0	0	0	3	8	7	7	5	0	2	15	11	2	0	6	10	0	4	4	2	2
	15	1016.8	-	16.2	2.5	13.8	75	5.5	5	1	1	19	3	1	0	0	0	1	0	1	9	7	7	5	0	3	11	11	5	1	3	10	1	8	0	2	0
	21	1016.5	-	15.0	1.9	13.7	80	5.4	4	1	5	16	4	0	0	0	0	0	0	1	8	12	6	3	0	1	7	10	12	2	7	1	0	3	0	3	2
Killough [Down]																																					
	9	-	-	13.9	1.5	13.3	83	4.9	7	1	5	6	11	0	0	1	0	0	0	1	9	6	13	0	0	1	15	14	0	1	11	4	1	5	4	2	2
	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Carrigans [Tyrone]																																					
112	9	1016.9	-	14.9	1.8	13.9	82	5.1	5	3	4	8	9	1	0	0	0	1	3	2	10	4	7	3	0	0	8	17	5	4	0	2	4	8	3	3	1
	15	1015.8	-	18.3	3.2	14.8	71	4.9	1	4	8	10	7	0	0	0	0	1	0	14	8	1	6	0	0	11	17	2	1	2	1	4	12	5	2	1	
	21	1015.9	-	14.5	1.6	13.8	83	4.4	5	4	6	12	3	0	0	0	0	0	1	1	12	11	3	2	0	0	7	18	5	3	0	6	6	3	1	3	3
CHANNEL ISLANDS																																					
Guernsey																																					
110	3	1017.5	-	12.9	0.8	13.5	91	5.1	7	2	1	10	8	2	0	4	2	1	1	2	9	6	5	0	0	0	16	11	3	0	6	6	1	1	3	8	2
	9	1018.2	-	14.6	1.3	14.3	86	5.4	4	3	4	11	5	3	0	4	2	1	0	2	7	7	7	0	0	2	14	14	0	0	4	6	4	2	3	10	1
	15	1017.8	-	16.3	2.3	14.3	78	4.7	4	6	2	11	7	0	0	0	1	1	1	3	9	5	7	3	0	1	14	15	0	2	5	4	2	1	3	10	3
	21	1017.6	-	13.7	1.3	13.4	86	5.2	3	6	2	8	9	2	0	5	4	0	3	0	6	6	4	2	0	0	14	14	2	0	5	7	1	1	3	7	4

TABLE VIII—NUMBER OF DAYS IN JUNE, 1970
WITH MAXIMUM AND MINIMUM TEMPERATURES between given limits.

STATION	MAXIMUM TEMPERATURE °C.								MINIMUM TEMPERATURE °C.								STATION	MAXIMUM TEMPERATURE °C.								MINIMUM TEMPERATURE °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	0	0	0	21	9	0	0	0	0	0	0	0	3	21	6	0	Edgbaston	0	0	0	2	11	11	6	0	0	0	0	0	0	0	5	23	2
Stornoway	0	0	0	6	19	5	0	0	0	0	0	0	1	16	13	0	Kew (Psychrometer) ..	0	0	0	0	6	15	9	0	0	0	0	0	0	7	21	2	
Craibstone	0	0	0	9	17	4	0	0	0	0	0	0	5	22	3	0	Hastings	0	0	0	1	19	8	2	0	0	0	0	0	0	4	23	3	
Rothsay	0	0	0	4	14	9	3	0	0	0	0	0	9	19	2	0	Southampton	0	0	0	0	5	19	6	0	0	0	0	0	0	3	22	5	
Abbotsinch	0	0	0	1	15	11	3	0	0	0	0	0	0	12	17	1	Stonyhurst	0	0	0	3	11	10	6	0	0	0	0	0	0	15	14	1	
Eskdalemuir	0	0	0	5	14	10	1	0	0	0	0	0	3	21	6	0	Bidston	0	0	0	1	13	11	5	0	0	0	0	0	4	22	4		
Douglas	0	0	0	5	13	11	1	0	0	0	0	0	0	7	20	3	Valley	0	0	0	1	15	13	1	0	0	0	0	0	0	6	24	0	
Acklington	0	0	0	7	18	5	0	0	0	0	0	0	2	23	5	0	Falmouth	0	0	0	1	24	5	0	0	0	0	0	0	0	1	28	1	
Gorleston	0	0	0	7	19	4	0	0	0	0	0	0	0	2	28	0	Aldergrove	0	0	0	2	13	13	2	0	0	0	0	0	0	9	20	1	
Cambridge	0	0	0	0	7	11	12	0	0	0	0	0	0	12	17	1	Armagh	0	0	0	1	15	11	3	0	0	0	0	0	0	11	19	0	
																	Kew (North Wall Screen)	0	0	0	0	7	14	9	0	0	0	0	0	0	2	22		

TABLE II—ADDITIONS JUNE 1970

DISTRICT COUNTY AND PLACE			HEIGHT OF VANE IN METRES			DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED										Mean Hourly Wind Speed in knots	HIGHEST VELOCITIES						
						34 Knots or more (gale force)				22 to 33 knots		11 to 21 knots		4 to 10 knots			Less than 4 knots		No Record		HIGHEST HOURLY WIND		
			Above Mean Sea Level	Above ground	Effective Height	Dates of Occurrence		Duration (hr)	No. of days	Duration in Hours				Year from N	Speed in knots		Hour ended at day hour	Year from N	Speed in knots	Day and Time			
0	Inverness	Dalcross	19	10	10	-	0	1	1	119	350	250	0	6.4	250	22	25 15	250	36	25 1430			
4	Notts	Walsall	130	13	10	-	0	0	0	107	419	134	0	7.6	080	19	4 16	280	32	29 1310			
7b	Merioneth	Trawsfynydd	194	10	10	-	0	1	2	228	353	118	19	8.5	-	24	24 16	-	38	24 1505			
8	Pembroke	RAE Aberporth	144	10	10	-	0	5	18	232	338	132	0	8.8	190	26	22 01	190	38	22 0245			
9	Londonderry	Coleraine Univ.	23	10	10	-	0	2	8	199	310	203	0	7.7	170	25	21 16	170	42	21 1415			

TABLE II—ADDITIONS AND CORRECTIONS

[illegible]

* Defective record.

‡ Incomplete record.

TABLE III—ADDITIONS AND CORRECTIONS

[illegible]

* Corrections 1960-63 in inches

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Monthly Weather Report

OF THE METEOROLOGICAL OFFICE

Summary of observations compiled from returns of official stations and voluntary observers.

Volume 87 Number 7.

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July 1970 — *Changeable and mostly cool*

Low pressure predominated in all areas during the month. Depressions were usually centred to the north of the British Isles, but from the 22nd to 28th depressions frequently moved eastwards across most areas. Brief anticyclonic interludes occurred in southern districts during the first week, around the 11th and from the 16th to 18th.

Weather — Changeable weather with a high frequency of west or north-west winds resulted in a generally cool month despite a very warm spell at the beginning of the second week. The latter half of the month was particularly changeable; rain was heavy at times causing local flooding and sleet (rain or drizzle and snow) fell on the peaks of the Cairngorms around the 19th. It was also rather dull, especially in parts of Scotland and Northern Ireland.

Wind — It was generally a windy month although the number of days with gales was about average and gusts were not especially high. Gales were reported on 7 days in England, on 6 days in Scotland and on 5 days in Northern Ireland. They were mostly local occurrences but gales were widespread on the 24th/25th. Isolated gusts exceeded 50 kt on a few occasions. During the month a number of places recorded their highest-ever hourly mean wind speed in July. Notable among these was the coastguard station at Stornoway where the wind speed averaged 40 kt during one hour on the 30th — the highest value at this station in July since records began in 1937.

Temperature — Monthly mean temperature was below average everywhere; the deficit was mostly about 1 degC but it reached 2 degC in parts of north and west Scotland. Ground frost occurred at times during the last 10 days in a few localities in Scotland and Northern Ireland and on the 22nd in central and southern England. The grass minimum temperature at Kew Observatory on the 22nd fell to -2.2°C which is the lowest recorded there in July since records commenced in 1906. Excluding upland stations, minima recorded during the month included: 0.6°C at Achentoul (Sutherland) on the 27th, 1.1°C at Murlough (Co. Down) on the 10th; 1.7°C in parts of Norfolk and Buckinghamshire on the 22nd; 3.9°C in South Wales on the 3rd and 22nd.

Temperatures were above average everywhere from the 6th to 9th and were again above average in the south and east around the 12th and 17th. It was hot on the 7th in England and Wales and very warm elsewhere; the temperature in many places exceeded 31°C and it was the warmest July day at Birmingham (Edgbaston) and Bidston (Cheshire) since 1949. A very warm night followed in England and Wales and it was another hot day on the 8th in eastern areas of England and Scotland. Maxima during the month included the following (all of which occurred on the 7th): 32.2°C at Aldenham School (Hertfordshire) and at Stratford-on-Avon, 30.6°C at Cardiff and at Usk (Monmouthshire) and 23.9°C at Armagh. In Scotland, 27.2°C was recorded at Gordon Castle (Moray) on the 8th.

Rainfall — Rainfall was above average over most of Scotland; more than twice the average fell in a few areas in the west, and Tiree (Argyll) had its wettest July since 1950. Elsewhere in the United Kingdom rainfall was, in general, near or a little below average. Less than 75 per cent of average occurred over large areas in the Midlands and East Anglia.

Rain was heavy in west Scotland on the 5th/6th; 75 mm fell at Glen Etive (Argyll) in the 24 hours ending 0900 GMT on the 6th and many 'daily' falls of over 50 mm occurred. There was more heavy rain in western areas of the United Kingdom on the 7th/8th and in southern districts on the 13th/14th. After the 17th rainfall was heavy at times in many areas, often followed by local flooding. Wide-

spread rain occurred in Wales and western England overnight on the 22nd/23rd and 'daily' falls of over 50 mm were recorded in the Lake District. On the 24th, rain or thundery showers fell in most areas and continued in east Scotland and north-east England during the next day. 'Daily' falls of rain on the 24th exceeded 65 mm in many places especially in the east, and 84 mm fell at Dyce (Aberdeenshire). Flooding occurred in many localities and parts of east Scotland were particularly badly affected. Belts of rain crossed England and Wales from the 26th to 28th causing local flooding and there were periods of heavy rain in Scotland and Northern Ireland on the 29th.

Thunder was heard on 12 days in England, on 10 days in Scotland, on 2 days in Northern Ireland and on 1 day in Wales. Thunderstorms were usually confined to particular districts, but on the evening of the 7th thunderstorms broke out in southern England and drifted northwards overnight to affect many other areas on the 8th. These storms produced spectacular and long-lasting displays of lightning during the night of 7th/8th and there were many reports of lightning damage to buildings and electric power installations. There were isolated reports that large hailstones had fallen in southern England on that night. Thunderstorms were widespread in Scotland and Northern Ireland on the 28th.

Sunshine — Most places had less sunshine than average but the deficits were mainly small. However, parts of Scotland and Northern Ireland were very dull. Sunshine at Kilmarnock (Ayrshire) amounted to only 56 per cent of average and it was the lowest July sunshine total there since records began in 1907. In Northern Ireland it was, in general, the dulliest July since 1957. Daily sunshine amounts were rather variable but some very sunny days occurred in England and Wales from the 6th to 13th.

Fog — During the period 4th to 8th, sea fog affected much of the south and west coasts of England and Wales and fog patches recurred in these areas on the 18th and towards the end of the month. Hill fog was extensive in north-west Britain on the 29th.

Miscellaneous Phenomena — A whirlwind occurred near Duns (Berwickshire) on the 8th and damage to property was reported.

TABLE I—DISTRICT VALUES, July 1970

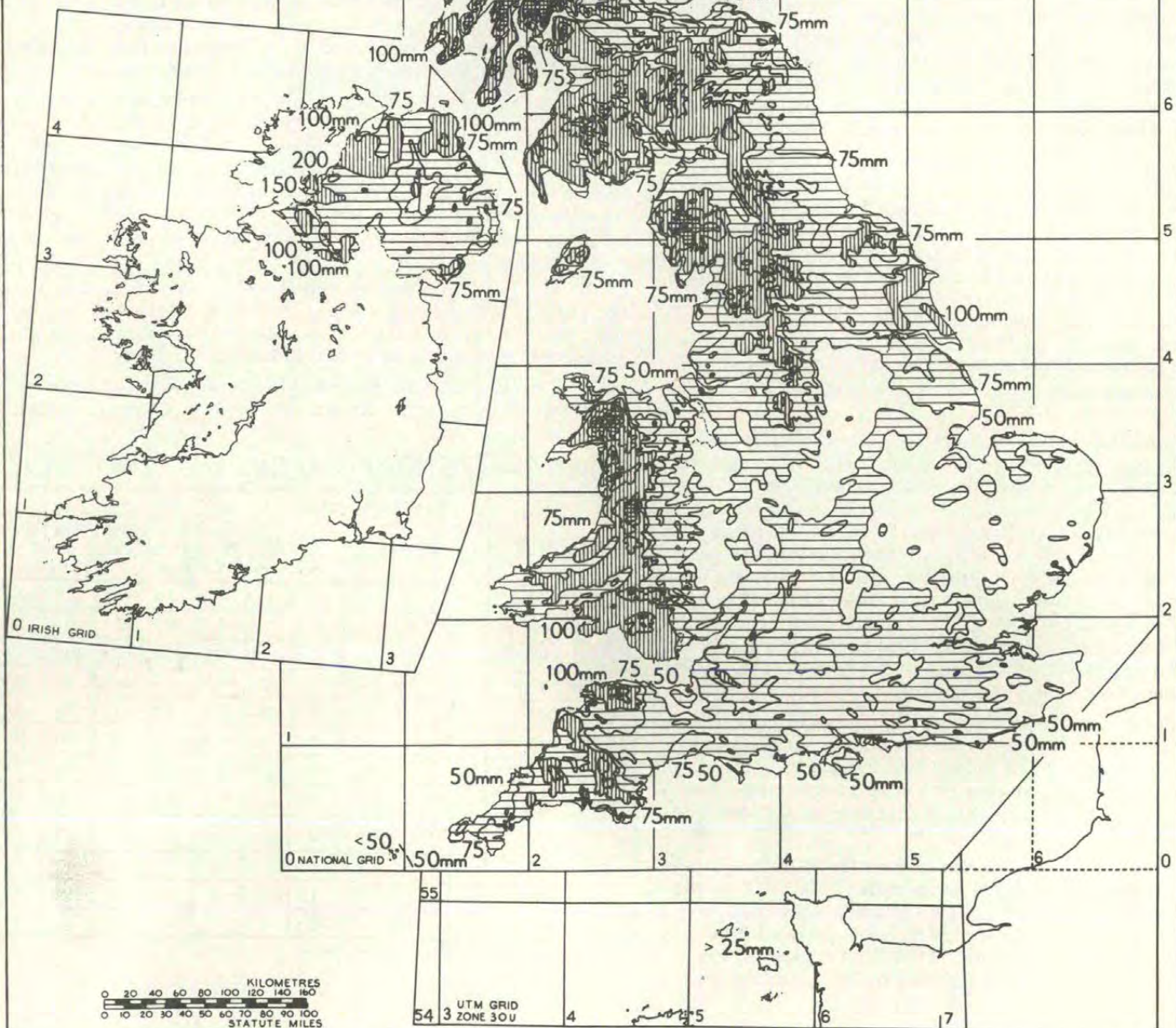
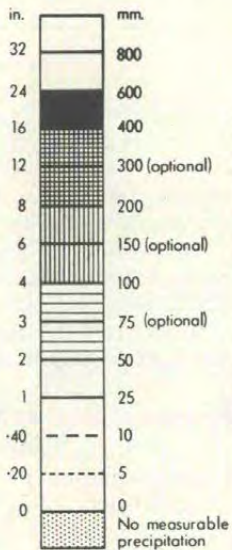
DISTRICTS	AIR TEMPERATURE °C					EARTH TEMP. °C		RAIN DAYS	RAIN-FALL	SUNSHINE
	*Highest Max.	*Lowest Min.	Max.	Min.	Mean	Mean 30 cm.	Mean 122 cm			
						Difference from Average				
0 SCOTLAND, N.	22.2	4.4	-1.7	-1.5	-1.6	-2.0	-1.1	+4	115	74
1 SCOTLAND, E.	26.7	-1.2	-1.8	-0.9	-1.3	-1.5	-0.8	+3	121	67
2 ENGLAND,N.E.	30.0	5.6	-1.1	-0.4	-0.7	-0.5	+0.3	+1	108	88
3 ENGLAND, E.	30.6	5.0	-1.1	-0.6	-0.8	-0.9	+0.1	+3	69	90
4 MIDLANDS	31.7	6.1	-1.3	-0.5	-0.9	-0.5	+0.2	0	78	96
5 ENGLAND, S.E.	31.0	4.5	-1.1	-0.6	-0.9	-1.4	-0.7	+1	90	96
6 SCOTLAND, W.	22.8	3.4	-2.2	-1.1	-1.6	-1.1	-0.4	+3	101	77
7 ENGLAND, N.W and N.Wales	29.6	5.6	-1.6	-0.5	-1.1	-1.2	-0.2	+2	98	88
8 ENGLAND, S.W. and S.Wales	30.6	6.7	-0.8	-0.3	-0.5	-0.9	0.0	0	97	99
N.IRELAND	23.9	3.2	-1.4	-1.0	-1.2	—	—	+2	98	74
SCOTLAND	26.7	-1.2	-1.9	-1.2	-1.5	—	—	+3	127	73
ENG. and WALES	31.7	4.5	-1.2	-0.5	-0.8	—	—	+1	89	92

*Highest Max. and Lowest Min. of the District Value Stations.

FM3A

RAINFALL JULY 1970

The equivalent values in inches
are given in round numbers.
The exact relation is 10in. = 254mm.



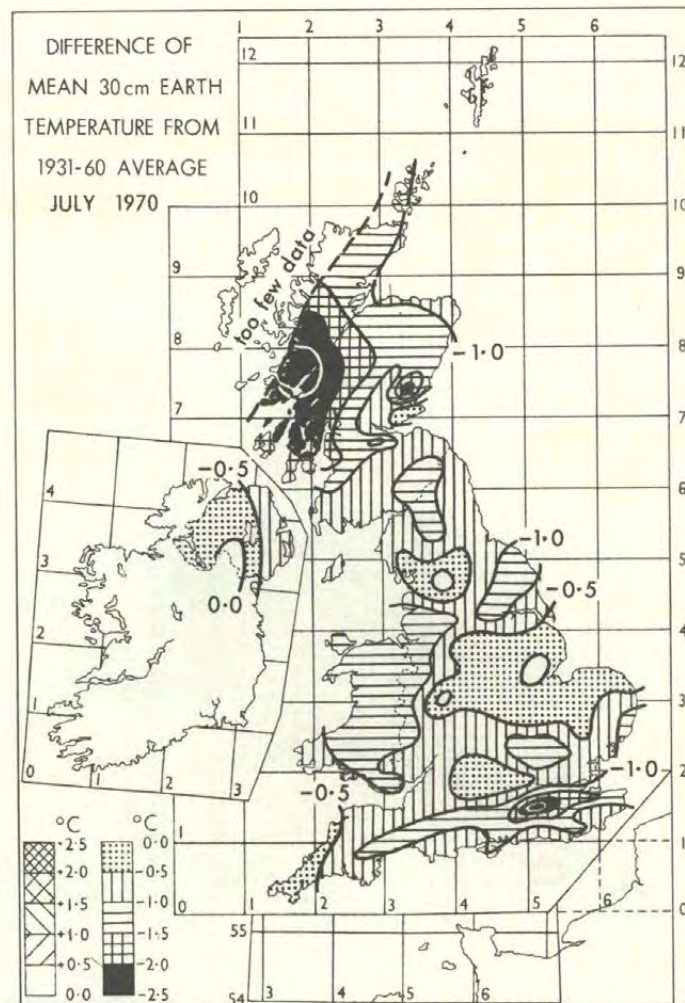
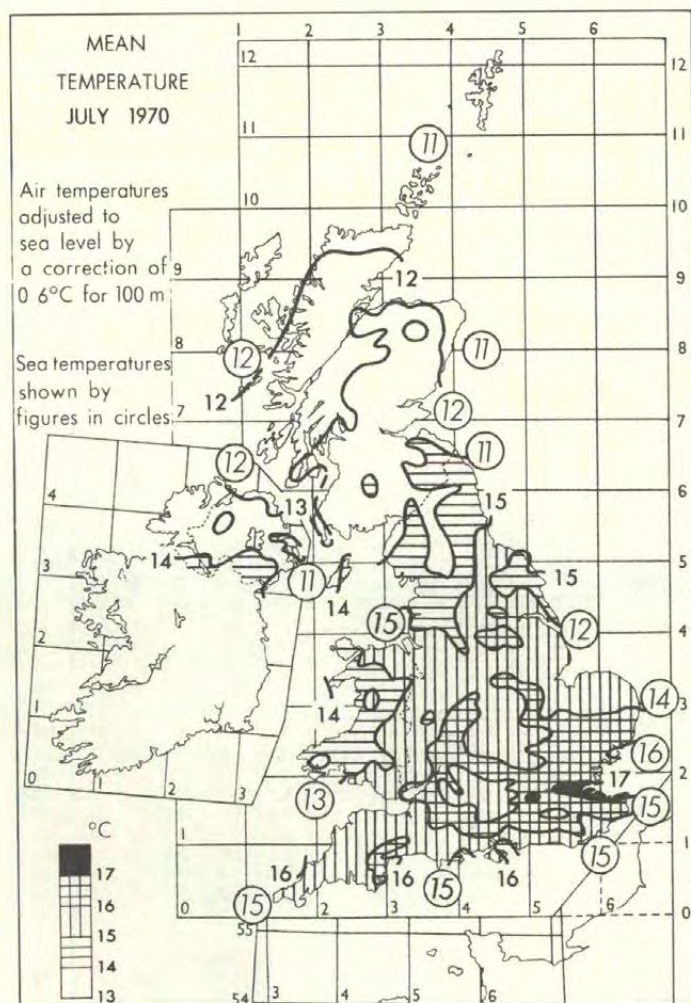
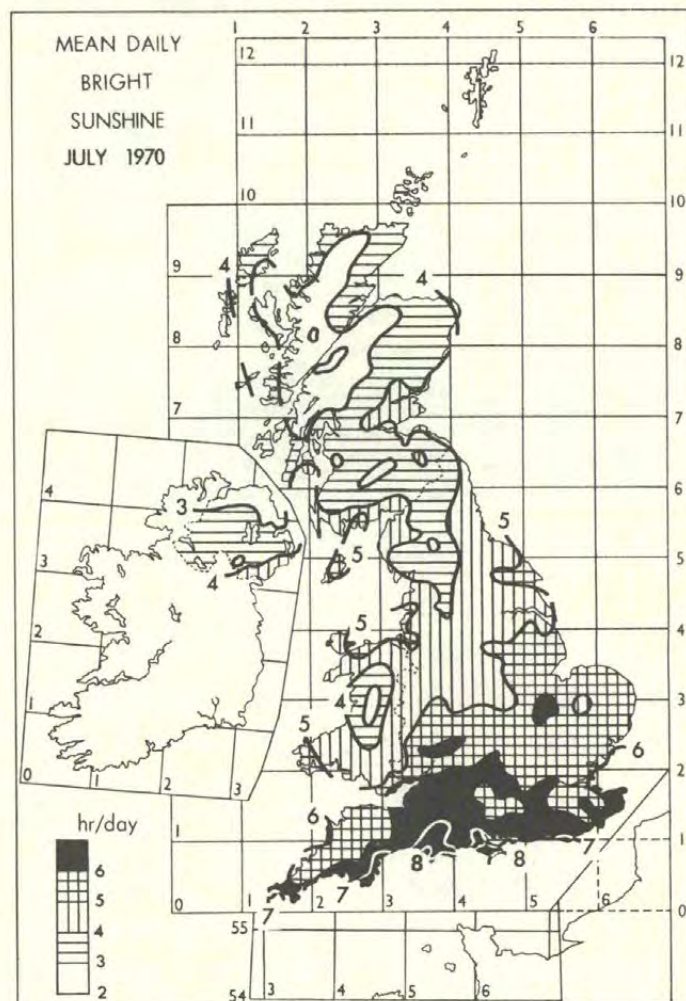
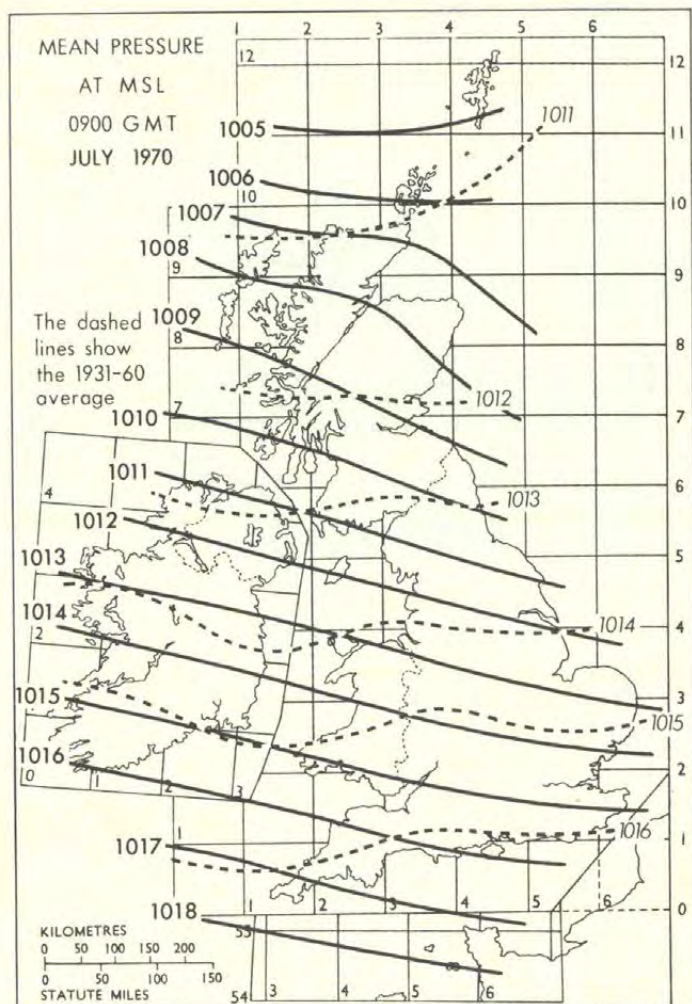


TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND—

JULY,

1970

DISTRICT COUNTY AND PLACE	HEIGHT OF VANE IN METRES			DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED										Mean Hourly Wind Speed in knots	HIGHEST VELOCITIES					
	Above Mean Sea Level	Above ground	Effective Height	34 Knots or more (Gale force)		22 to 33 knots		11 to 21 knots	4 to 10 knots	Less than 4 knots	No Record	HIGHEST HOURLY WIND			HIGHEST GUST					
				Dates of Occurrence	Dura- tion (hr)	No. of days	Duration in Hours				Veer from N	Speed in knots	Hour ended at day hour		Veer from N	Speed in knots	Day and Time			
0 SCOTLAND N.																				
Zetland Lerwick	93	10	10	-	0	7	30	364	307	43	0	11.6	200	27	30	19	200	41	30	1825
Orkney Kirkwall	41	15	10	-	0	8	63	454	200	27	0	13.2	250	32	13	12	260	47	13	1150
Caithness Dounreay	34	12	9	-	0	6	25	427	261	31	0	12.4	330	26	14	21	360	46	13	1005
Wick	45	10	10	-	0	5	23	340	325	56	0	10.8	270	26	13	12	260	43	13	1135
Sutherland Shin	24	10	10	0																
Ross & Stornoway (C'Gd)	37	12	11	30	5	10	50	488	163	38	0	13.7	200	40	30	13	210	50	30	1245
Cromarty Duirinish	38	20	17	-	0	11	55	378	204	54	53	12.5	200	32	30	14	200	47	30	1320
Inverness Benbecula	16	10	10	-	0	11	72	453	184	35	0	13.7	200	28	30	10	200	43	30	1015
Corpach	23	15	12	-	0	10	60	346	243	73	22	12.0	200	31	30	18	200	50	30	1730
Fort Augustus N.S.H.E.B.	58	16	16	-	0	2	2	226	327	189	0	7.5	230	22	12	02	230	38	13	1140
Cairngorm	1075	10	10	0																
1 SCOTLAND E.																				
Moray Kinloss	18	13	13	-	0	9	45	369	244	86	0	11.5	250	27	11	13	260	41	13	1305
Lossiemouth	31	24	18	-	0	9	50	294	266	134	0	10.6	250	28	12	21	270	42	12	2025
Aberdeen Dyce	72	10	10	-	0	8	58	281	280	125	0	10.6	330	31	15	03	220	49	30	1015
Fraserburgh	29	13	11	14, 15	6	9	86	329	305	18	0	12.9	330	37	15	01	330	48	15	0115
Angus Bell Rock	39	40	38	12, 25	2	21	244	319	141	38	0	16.9	260	35	12	22	350	44	15	0350
Perth Rannoch	307	17	17	-	0	3	4	316	340	72	12	9.9	230	23	30	18	230	31	30	1750
Tummel Bridge	161	16	16	-	0	0	0	146	444	149	5	6.6	280	18	13	09	280	37	11	2350
Fife Leuchars	25	13	13	-	0	8	74	368	250	52	0	12.3	260	28	11	10	260	44	13	1000
Midlothian Turnhouse	43	13	10	-	0	5	27	332	333	52	0	10.9	250	27	13	11	260	50	11	0835
6a SCOTLAND, W.																				
Argyll Tiree	27	18	14	-	0	15	161	362	127	94	0	14.4	280	33	1	19	280	48	1	1855
Machrihanish	24	13	13	-	0	7	39	421	225	59	0	12.2	160	27	8	14	300	38	1	1715
Dunbarton Cumbernauld ...	166	10	10	-	0	7	40	348	269	74	13	11.4	240	26	11	16	240	41	11	1530
Renfrew Paisley	57	25	9	-	0	2	2	338	327	77	0	9.9	200	22	30	13	200	43	30	1220
Abbotsinch	16	10	10	-	0	6	12	365	307	60	0	10.8	240	26	11	14	240	41	11	1335
Ayr Ardrossan	24	20	10	2	1	13	120	362	198	60	3	13.8	300	34	2	18	250	44	12	1815
Hunterston	13	10	10	0																
Prestwick	21	10	10	-	0	3	18	315	307	104	0	9.7	310	27	2	15	310	41	2	1440
Dumfries Eskdalemuir	259	10	10	-	0	5	12	311	307	114	0	10.0	260	29	13	12	260	45	13	1130
Wigtown West Freugh	25	10	10	-	0	8	43	339	307	55	0	11.3	300	27	2	14	300	41	2	0750
6b ISLE OF MAN																				
Ronaldsway	25	10	10	-	0	5	24	355	303	62	0	11.1	320	27	15	15	310	41	14	1500
Point of Ayre	20	10	10	-	0	10	89	409	204	42	0	13.5	310	33	14	24	310	43	14	2315
2 ENGLAND, N.E.																				
Durham Durham	119	16	10	-	0	1	1	239	369	118	17	8.7	260	22	11	13	240	40	1	1345
South Shields	22	17	13	-	0	2	11	206	405	122	0	8.3	320	26	25	14	320	38	15	0550
Yorks N.R. Leeming	42	10	10	-	0	3	7	330	348	59	0	10.3	260	24	1	16	270	36	1	1515
Middlesbrough	23	19	19	-	0	9	50	406	198	21	69	13.1	310	27	25	15	310	41	2	1215
Lincoln Waddington	80	10	10	-	0	1	5	358	368	13	0	10.5	280	23	25	11	280	40	25	1105
Cranwell	77	13	13	-	0	2	7	340	280	117	0	9.7	280	25	25	10	280	41	25	0900
Coningsby	16	10	10	-	0	2	20	330	344	50	0	10.4	300	29	25	12	300	44	25	1100
Binbrook	118	10	10	-	0	3	20	370	327	27	0	11.0	270	28	25	13	270	46	25	1315
Manby	26	10	10	-	0	2	6	246	403	89	0	8.9	270	23	25	13	270	36	25	1200
3 ENGLAND, E.																				
Norfolk Marham	29	10	10	-	0	3	15	262	349	118	0	9.0	280	25	25	13	210	39	24	1500
West Raynham	93	17	14	-	0	2	6	257	367	114	0	8.8	280	24	25	13	280	39	25	1535
Coltishall	27	10	10	-	0	1	6	265	381	92	0	9.2	270	24	25	14	270	39	25	1240
Suffolk Honington	60	13	13	-	0	3	14	315	363	52	0	10.2	280	24	25	14	280	43	25	1340
Wattisham	104	16	10	-	0	2	3	310	407	24	0	10.2	270	22	25	15	270	34	25	1420
Bedford Bedford	94	13	9	-	0	2	17	365	348	14	0	10.6	270	26	2	10	280	37	25	1040
Cardington	69	41	41	-	0	0	0	77	498	169	0	6.2	280	19	25	12	280	32	25	1200
Hertford Garston	94	15	10	-	0	0	0	30	510	204	0	5.4	290	16	25	13	290	34	25	1215
Rothamsted	141	13	10	-	0	1	1	185	414	144	0	7.6	270	22	25	13	270	33	25	1415
Essex Stansted	108	10	10	-	0	8	33	431	254	26	0	12.4	200	29	24	14	280	46	25	1505
Shoeburyness	36	32	28	-	0	0	0	145	400	180	19	6.9	280	19	25	11	200	50	25	0810
4 MIDLAND COUNTIES																				
Yorks W.R. Sheffield	162	25	11	-	0	0	0	145	400	180	19	6.9	280	19	25	11	200	50	25	0810
Church Fenton	18	10	10	-	0	3	10	310	328	96	0	9.7	290	26	25	12	290	45	25	1035
Notts Finningley	19	10	10	-	0	3	20	291	352	81	0	9.8	280	26	25	12	280	45	25	0640
Rutland Cottesmore	143	13	13	-	0	3	28	307	370	39	0	10.3	290	26	25	09	300	39	2	1710
N'hampton Wittering	83	10	10	-	0	2	12	285	383	64	0	9.6	290	26	25	13	290			

TABLE II (continued)—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— JULY, 1970

DISTRICT COUNTY AND PLACE				HEIGHT OF VANE IN METRES			DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED										Mean Hourly Wind Speed in knots	HIGHEST VELOCITIES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
				Above Mean Sea Level	Above ground	Effective Height	34 Knots or more (Gale force)				22 to 33 knots		11 to 21 knots	4 to 10 knots	Less than 4 knots	No Record		HIGHEST HOURLY WIND			HIGHEST GUST																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
							Dates of Occurrence	Dura- tion (hr)	No. of days	Duration in Hours					Veer from N	Speed in knots		Hour ended at day hour	Veer from N	Speed in knots	Day and Time																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
7a ENGLAND, N.W.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								

† Anemograph dismantled for re-erection * Defective record ‡ Record ceased § Incomplete record ¶ Anemograph out of order ** Record ceased temporarily

TABLE III —SUMMARY OF DAILY OBSERVATIONS JULY, 1970

DISTRICT, COUNTY AND PLACE	Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days										BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
				MEANS OF		Daily Mean (mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1916-50 average	MOST IN A DAY		Precip'n		Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
				Max. (A)	Min. (B)			Maximum	Date	Minimum	Date					Amount (mm)	Date	0.2 mm or more 1.0 mm or more	Snow or Sleet																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
0 SCOTLAND, N.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS JULY.

1970

DISTRICT, COUNTY AND PLACE	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days										BRIGHT SUNSHINE							
			MEANS OF		Daily Mean (mean of A & B)	Difference from 1931—60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1916—50 average	Most in A DAY Amount (mm.)	Date	Precip'n		Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C.	Concrete min. below 0°C.	Gale	Daily Mean (hr.)	Percentage of 1931—60 average	Exposure			
			Max. (A)	Min. (B)			Maximum	Date	Minimum	Date							0.2 mm or more	1.0 mm or more																
0 SCOTLAND, N.—contd.																																		
Inverness																																		
Benbecula ...	21-9	6	14.1	9.5	11.8	-1.8	18.4	8	4.8	24	-	-	97	106	20	8	24	17	0	0	0	0	0	0	0	0	0	0	0	4.39	-	-		
Isle of Rhum €	99	5																																
Prabost ...	99	67	14.1	8.6	11.3	-	20.6	8	5.0	24	-	-	178	148	22	12	26	20	0	0	0	0	0	0	0	0	0	0	2	3	2.83	-	-	
Duntulm ...	99	90	13.3	8.7	11.0	-1.9	19.4	8	6.1	24	-	-	143	147	18	8	25	20	0	0	0	0	0	0	0	0	0	0	0	1	2.65	66	-	
Onich ¶	99	15																																
Fort William €	99	8	15.4	9.4	12.4	-	23.9	8	3.9	24	13.5	13.2	200	170	53	5	25	16	0	0	0	0	0	0	0	0	0	0	0	0	1.76	-	-	
Corpach ...	99	8	15.6	9.5	12.5	-	22.8	8	5.0	24	-	-	182	-	52	5	22	19	0	0	0	0	0	0	0	0	0	0	1	0	-	-	-	
Fort Augustus ...	99	21	15.8	9.4	12.6	-1.7	25.0	8	3.3	24	-	-	108	-	20	5	23	17	0	0	0	0	0	0	0	0	0	0	0	0	2.18	-	S	
Inverness ...	99	4	15.9	10.1	13.0	-	24.4	8	8.3	1,10,23	-	-	78	114	26	24	16	14	0	0	0	0	0	0	0	0	0	0	0	0	3.58	-	-	
Coire Cas Shieling	99	762	10.7	5.2	7.9	-	19.4	8	2.8	26	-	-	165	-	34	24	29	25	0	-	0	1	0	6	0	-	-	-	-	-	-	-	-	
Cairngorm ...	99	1090	8.1	2.9	5.5	-	16.1	8	0.6	8,19,26	-	-	199	-	35	24	30	25	3	-	0	2	0	19	0	-	-	-	-	-	-	-	-	
Achnagoichan ...	99	305	14.6	7.4	11.0	-	23.9	8	2.2	26	-	-	109	126	(34)	24	26	21	0	-	0	0	0	-	0	-	-	-	1	-	-	-	-	
Glenmore Lodge	99	341																																
1 SCOTLAND, E.																																		
Nairn																																		
Nairn ...	99	6	16.1	8.8	12.5	-1.9	26.7	8	3.3	26	-	-	74	106	23	24	23	11	0	0	1	0	0	0	0	0	0	0	0	3.47	77	-	-	
Moray																																		
Grantown-on-Spey	99	229	15.3	7.7	11.5	-	24.4	8	1.7	23	-	-	121	-	35	24	23	17	0	0	0	0	0	0	0	0	3	-	0	-	-	-	-	
Forres ¶€	99	50	16.3	9.4	12.9	-1.6	26.7	8	5.6	26	14.6	13.6	86	120	33	24	21	15	0	0	0	0	0	0	0	0	0	0	0	0	2.78	58	-	-
Kinloss ...	21-9	5	16.3	9.9	13.1	-1.1	27.0	8	6.4	26	12.9	-	71	100	28	24	17	13	0	0	0	0	0	0	0	0	0	0	0	0	3.25	-	-	
Elgin ...	99	15	16.2	9.8	13.0	-	25.6	8	6.1	22	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	-	-	-	-	3.49	-	-	
Lossiemouth ...	99	6	16.3	9.3	12.8	-1.5	25.6	8	3.9	22	-	-	92	131	37	24	19	13	0	0	0	0	1	0	0	1	0	0	0	-	-	-	-	
Gordon Castle ...	99	32	16.3	9.3	12.8	-1.8	27.2	8	5.6	1	-	-	108	138	38	24	19	15	0	0	0	0	1	0	0	-	-	-	0	3.00	65	-	-	
Banff																																		
Glenlivet ...	21-9	215	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Banff ...	99	24	15.9	9.9	12.9	-	25.6	8	6.1	27	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	-	-	1	3.41	-	-	-	-	
Aberdeen																																		
Braemar ...	99	339	15.0	7.5	11.3	-1.8	(22.2)	8	1.7	26	-	-	92	121	20	24	22	17	-	0	-	-	-	0	0	0	-	-	-	-	3.33	-	-	-
Balmoral ...	99	283	15.1	7.7	11.4	-1.8	23.9	8	0.6	26	-	-	119	155	36	24	24	17	0	0	0	0	0	0	0	0	1	0	0	-	-	-	-	
Dinnet ...	99	177	15.9	8.8	12.3	-	23.9	8	5.0	10	13.1	-	124	-	52	24	23	17	-	0	-	-	-	0	0	0	-	-	-	-	3.82	-	-	-
Gartly ...	99	160	15.3	8.6	11.9	-	25.0	8	5.0	22,23	-	-	121	-	45	24	26	17	-	-	-	-	-	0	0	0	-	-	-	-	-	-	-	
Inverurie S. Wks.	99	54	16.8	9.2	12.9	-	24.4	8	5.0	10	-	-	115	-	52	24	22	15	0	0	0	1	0	0	0	-	0	0	0	3.81	-	-	-	
Fyvie Castle ...	99	66	16.2	9.3	12.7	-	(25.0)	8	5.0	22	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	-	0	0	2	3.31	-	-	-	
Craibstone ¶€	99	91	15.8	8.8	12.3	-1.4	23.3	8	5.0	10,22	13.2	11.9	126	148	75	24	21	13	0	0	0	0	1	0	0	0	1	0	0	2	3.55	69	-	-
Dyce ...	21-9	58	16.1	9.0	12.5	-1.5	23.7	8	3.3	10	-	-	140	160	84	24	19	15	0	0	0	0	0	0	0	0	0	0	1	3.37	-	-	-	
Aberdeen ...	99	52																																
Fraserburgh ...	21-9	18	14.7	9.9	12.3	-	22.7	8	6.4	10	-	-							0	0	0	0	0	0	0	0	0	0	2	4.28	-	-	-	
Kincardine																																		
Fettercairn ...	99	171	15.9	8.4	12.1	-1.4	21.7	17	4.4	10	-	-	135	139	52	24	21	16	0	0	0	0	1	0	0	1	-	1	3.15	-	-	-	-	
Strachan ...	99	120	16.1	8.6	12.3	-	23.9	8	5.0	10,22,26	11.9	-	132	-	56	24	20	18	0	0	0	0	1	0	-	0	0	0	3.82	-	-	-	-	
Banchory ...	99	77	16.9	9.7	13.3	-	25.0	8	6.1	10,26	-	-	122	-	65	24	21	17	0	0	0	0	1	1	0	0	-	0	-	-	-	-	-	
Angus																																		
Mylnfield €	99	30	16.8	9.7	13.3	-	22.8	17	6.1	16,22	13.7	11.2	73	101	29	24	17	12	0	0	0	0	0	0	0	0	-	0	4.13	-	-	-	-	
Dundee ¶	99	45	17.2	10.2	13.7	-1.4	21.7	17	7.2	22	15.3	-	72	89	32	24	18	13	0	0	0	2	1	0	0	-	0	3.85	-	-	-	-	-	
Glamis Castle ...	99	61	16.5	8.7	12.6	-	22.2	8,17	5.6	10,26	-	-	98	124	32	24	20	14	0	0	0	0	1	0	0	0	-	1	-	-	-	-	-	
Whitehillslocks ...	99	258	15.8	8.2	12.0	-	22.8	8	3.9	26	-	-	131	125	49	24	21	15	0	0	0	0	1	0	0	0	-	0	-	-	-	-	-	
Buddon Ness ...	99	5	16.9	9.4	13.1	-0.9	22.8	17	4.4	20	-	-	84	115	39	24	18	10	0	-	0	2	1	0	0	-	0	-	-	-	-	-	-	
Carnoustie ...	99	9	17.1	10.1	13.6	-	23.3	17	8.3	1,16,22	15.3	-	79	106	(41)	24	14	12	0	0	0	2	2	0	-	0	0	4.04	-	-	-	-	-	
Arbroath ¶	99	28	16.4	9.8	13.1	-1.2	23.3	17	6.7	26	-	-	82	122	44	24	17	8	0	0	0	0	1	1	0	0	-	0	4.37	75	-	-	-	
Usan ...	21-9	30	15.9	9.9	12.9	-	24.4	17	6.3	26	-	-	106	-	69	24	17	9	0	0	0	0	1	1	0	0	0	0	4.12	-	-	-	-	
Montrose ...	99	57	16.4	9.6	13.0	-	22.8	17	5.6	10	-	-	117	158	70	24	19	10	0	0	0	0	0	1	0	0	-	0	-	-	-	-	-	
Perth																																		
Aberfoyle ...	99	27	16.9	8.4	12.7	-	21.1	8,17	3.9	20	-	-	107	-	28	5	21	15	0	-	0	0	0	0	-	0	0	-	0	-	-	-	-	
Dall ...	99	232																	0	0	0	0	0	0	0	0	-	0	-	-	-	-	-	
Callander ...	99	107	16.1	8.6	12.3	-	20.6	8,17	4.4	20,22	-	-	122	-	29	5	25	19	0	0	0	0	0	0	0	0	-	0	-	-	-	-		

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

JULY.

1970

DISTRICT, COUNTY AND PLACE	Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (feet)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days												BRIGHT SUNSHINE		
				MEANS OF		Daily Mean (mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1916-50 average	Most in A DAY Amount (mm.)	Date	Precip'n		Snow or Sheet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure
				Max. (A)	Min. (B)			Maximum	Date	Minimum	Date							0.2 mm or more	1.0 mm or more													
1 SCOTLAND, E. — contd.																																
Berwick — contd.																																
Marchmont ...	99	152	16.8	9.6	13.2	-1.3	22.2	8.17	4.4	22	-	-	91	121	30	24	18	15	0	0	0	0	1	0	0	-	-	0	3.35	67	S	
Whitchester ...	99	255	16.4	8.8	12.6	-	22.8	8	3.9	20	-	-	86	101	29	24	22	15	0	0	1	0	3	-	0	-	-	0	-	-	-	
St. Abb's Head	21-9	75	16.3	9.6	12.9	-	24.0	8	5.0	10	-	-	-	-	-	-	-	0	0	0	0	0	2	0	0	0	3	-	-	-	-	
Peebles																																
Stanhope Farm	99	226	15.6	9.1	12.3	-	22.2	7	5.0	20,22	-	-	116	128	19	28	23	19	0	0	0	0	0	0	0	-	0	-	-	-	-	
Blyth Bridge ...	99	253	15.3	8.6	11.9	-	21.7	7	3.9	16,20	-	-	96	118	14	23	26	19	0	0	0	1	1	0	0	3	-	0	2.98	-	-	
West Linton ...	99	244	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Glenfress ...	99	165	16.7	9.1	12.9	-	22.2	7	4.4	10,16,22	-	-	112	178	25	20	23	16	-	0	-	-	-	0	0	-	-	-	-	-	-	-
Selkirk																																
Bowhill ...	99	183	16.9	9.4	13.1	-	22.2	17	3.9	22	-	-	88	119	12	23	23	16	0	0	1	0	3	0	0	-	0	-	-	-	-	-
Galashiels ...	99	198	16.0	9.4	12.7	-	21.1	17	5.0	20	-	-	107	-	17	8	23	15	0	0	0	0	3	0	0	0	-	0	3.50	-	-	-
Roxburgh																																
Wauchope ...	99	171	17.4	9.3	13.3	-	23.3	8	5.0	10,20	-	-	66	82	13	22	20	13	0	0	0	0	1	0	0	-	0	-	-	-	-	-
Kelso ...	99	34	18.2	10.4	14.3	-	23.9	8	5.0	10	-	-	81	-	28	24	17	11	0	0	0	0	3	0	0	0	-	0	3.50	-	S	
Sourhope *	99	221	16.6	9.3	12.9	-0.9	26.7	8	4.4	20	-	-	91	-	29	24	20	14	0	0	0	0	0	0	0	0	-	0	3.23	-	-	-
6a SCOTLAND, W.																																
Argyll																																
Tiree ¶	21-9	9	14.2	9.7	11.9	-1.8	15.5	8	6.0	24	-	-	136	158	36	8	21	17	0	0	0	2	0	0	0	0	0	4.21	81	-	-	
Rhuvaal ...	21-9	20	14.3	10.1	12.2	-	18.5	8	7.5	22	-	-	164	152	29	8	24	19	0	0	0	0	0	0	0	0	-	-	-	-	-	-
Colonsay ...	99	30	14.7	9.7	12.2	-1.6	18.3	8	7.2	7,10,24	-	-	172	174	41	8	26	17	0	-	0	0	5	0	-	-	0	-	-	-	-	-
Aros ...	99	37	15.4	-	-	-	20.0	31	-	-	-	-	247	-	43	5	25	22	0	0	0	0	1	-	-	-	0	-	-	-	-	S
Craighouse ...	99	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Machrihanish ...	21-9	10	15.3	10.3	12.8	-	19.0	7	8.3	14	-	-	106	-	15	24	22	17	0	0	0	0	0	0	0	0	0	3.44	-	-	-	-
Campbeltown ...	99	12	15.9	10.8	13.3	-	18.3	5	(8.9)	10,14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.00	-	-	-	
Achaglachgach ...	99	12	16.2	-	-	-	18.3	8	-	-	-	-	181	162	37	8	23	19	0	-	0	0	0	-	0	-	0	-	-	-	-	-
Knapdale Forest ...	99	40	14.8	8.9	11.9	-	18.9	8.31	6.1	7,22,26	-	-	206	-	35	5	25	22	0	0	0	0	0	0	0	-	0	-	-	-	-	-
Glenbranter ...	99	24	15.1	9.3	12.2	-	20.0	8	5.0	20	-	-	246	-	64	5	24	19	-	0	-	-	-	0	0	-	-	-	-	-	-	-
Glen Etive ...	99	24	15.4	9.3	12.3	-	23.3	8	3.3	29	-	-	292	-	75	5	23	20	0	0	0	0	0	-	0	0	-	-	-	-	-	-
Benmore Y.B.G. **	99	12	15.7	9.7	12.7	-	19.4	5.31	6.1	20,26	-	-	243	157	43	5	25	21	0	0	0	0	0	0	0	-	0	-	-	-	-	-
Bute																																
Kildonan ...	21-9	18	15.1	10.0	12.5	-	17.6	7.25	5.6	21	-	-	-	-	21	1	21	21	0	0	0	0	0	0	0	0	4	4.17	-	-	-	-
Brodick Castle ...	99	15	16.3	9.6	12.9	-	18.9	8.28,31	6.1	17	15.6	-	155	-	21	1	21	21	0	0	0	0	0	0	0	0	-	0	-	-	-	-
Rothsay ¶	99	43	15.6	9.8	12.7	-1.7	20.0	31	6.7	21	13.1	12.2	103	94	18	5	23	18	0	0	0	0	0	0	0	0	-	0	3.19	64	-	-
Dunbarton																																
Finnart ...	99	15	15.5	10.2	12.9	-	18.3	8.31	7.8	22	-	-	154	-	35	5	20	17	0	0	0	0	0	-	0	-	0	-	-	-	-	-
Helensburgh ...	99	89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Sloy ...	21-9	12	15.8	10.0	12.9	-	20.2	8	5.6	20	-	-	240	-	54	5	25	23	0	-	0	0	0	0	0	-	0	-	-	-	-	-
Cumbernauld ...	99	94	16.5	9.3	12.9	-	22.8	8	4.4	16	-	-	114	-	15	23	23	20	0	0	0	0	0	0	0	-	0	-	-	-	-	-
Stirling																																
Earl's Hill ...	21-9	335	13.9	7.9	10.9	-	19.8	8	4.3	16,22	-	-	100	-	25	24	22	17	0	-	0	0	0	3	0	0	0	7	3.43	-	-	-
Stirling Batterflats	99	38	17.7	9.6	13.7	-	21.7	8	3.3	16	15.6	14.0	78	-	15	23	22	14	0	0	0	0	0	1	0	1	-	0	4.05	-	-	-
Falkirk S. Wks.	99	3	17.3	10.1	13.7	-	22.8	8	4.4	22	-	-	72	-	18	24	21	13	0	0	0	0	0	0	0	-	0	3.17	-	-	-	-
Grangemouth ...	99	4	17.1	10.6	13.9	-	23.3	8	6.7	16	-	-	73	-	27	24	22	12	0	0	0	0	1	0	0	-	0	-	-	-	-	-
Renfrew																																
Greenock ...	99	61	15.3	10.2	12.7	-2.4	20.6	31	7.8	21,22	-	-	131	126	34	5	20	17	0	0	0	0	0	1	0	0	-	0	3.75	72	-	-
Paisley €	99	32	17.1	10.2	13.7	-1.9	22.2	8	7.2	20,21	14.7	12.1	69	83	10	30	22	17	0	0	0	0	0	1	0	0	-	0	3.50	69	-	-
Barrahead ...	99	30	16.3	10.2	13.3	-	20.6	8.31	7.2	20,21,22	-	-	74	84	(12)	30	22	14	0	0	0	0	0	0	0	-	0	-	-	-	-	-
Abbotsinch ¶	21-9	5	16.6	9.7	13.1	-2.0	21.3	8	4.4	20	-	-	58	74	11	24	22	14	0	0	0	0	0	0	1	0	0	3.75	73	-	-	-
Lanark																																
Crossmyloof ...	99	23	16.8	9.5	13.1	-	21.1	8	6.1	20	-	-	-	-	-	-	-	-	0	0	0	0	0	0	-	-	0	3.55	-	-	-	-
Thorntonhall ...	99	138	15.9	9.0	12.5	-1.3	19.4	8.31	5.0	20,21	-	-	74	83	11	23	20	16	-	0	-	-	-	0	0	-	-	-	-	-	-	-
Glasgow, Springburn	99	107	16.1	9.7	12.9	-2.0	22.2	8	6.7	20,21	-	-	75	89	13	23	22	17	0	0	0	0	0	0	0	-	0	3.49	72	-	-	-
Coatbridge ...	99	78	16.4	9.6	13.0	-1.6	21.1	8	5.6	16,20	-	-	62	80	14	23	20	18	0	0	0	0	0	0	-	-	0	-	-	-	-	-
Salsburgh ...	21-9	275	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Leadhills ...	99	387	15.1	8.1	11.6	-1.2	21.1	7	2.2	20	-	-	177	141	25	23	27	24	0	0	0	2	0	1	0	3	-	0	-	-	-	-
Crawfordjohn ...	99	274	14.6	8.1	11.3	-	21.2	7	3.0	20	12.6	-	116	-	14	23	23	18	0	0	0	0	0	0	0	0	-	0	3.03	-	-	-
Lanark ...	99	152	16.2	8.8	12.5	-	22.2	7	3.9	17	-	-	-	-	-	-	-	-	0	0	0	0	0	0	-	-	2	3.63	-	-	-	-
Carnwath ...	99	208	16.3	8.2	12.3	-1.2	21.1	7	1.1	16	-	-	78	111	10	10	24	20	0	0	0	0	1	0	0	1	-	1	-	-	-	-
Camps Reservoir	99	295	14.7	7.7	11.2	-	20.6	7	3.3	16,20	-	-	139	163	17	8	26	20	0	0	0	0	0	3	0	-	-	4	2.95	-	-	-
Ayr																																
Girvan ...	99	8	16.1	11.1	13.6	-	20.0	8	8.3	11	-	-	100	-	16	8	19	15	0	0	0	0	0	0	0	-	0	3.39	-	-	-	-
Hunterston ...	99	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Barr ...	99	122	16.0	9.1	12.5	-	23.3	8	5.0	22,23	-	-	134	-	19	18	25	21	-	0	-	-	-	4	0	-	-	-	-	-	-	-
Auchincruive €	99	45	15.7	10.1	12.9	-1.8	20.6	7	6.1	10	13.6	12.0	92	108	14	24	19	15	0	0	0	0	0	0	0	-	0	3.59	74	-	-	-
Prestwick ...	21-9	16	16.1	10.3	13.2	-	21.0																									

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

JULY,

1970

[illegible]

* Botanic Gardens ** National Institute of Agricultural Botany † Used as District Value Station for temperature and sunshine for District 1

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

JULY,

1970

DISTRICT, COUNTY AND PLACE	Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days										BRIGHT SUNSHINE					
				MEANS OF		Daily Mean (mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1916-50 average	Most in a day Amount (mm.)	Date	Precip'n		Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass mtd. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure	
				Max. (A)	Min. (B)			Maximum	Date	Minimum	Date							0.2 mm or more	10 mm or more														
4 MIDLAND COUNTIES — contd.																																	
Hereford																																	
Lyonshall ...	99	155	19.1	10.7	14.9	-0.8	29.4	7	6.1	22	-	-	51	76	9	8	14	11	-	-	-	-	-	0	0	-	-	-	-	-	-	-	-
Ross-on-Wye ...	99	68	19.7	11.5	15.6	-0.9	30.9	7	6.6	22	16.3	14.9	44	76	11	24	12	8	0	0	0	0	0	0	0	0	0	0	5.32	93	-	-	
Preston Wynne ...	99	84	19.5	10.2	14.9	-	30.0	7	3.9	22	-	-	48	84	10	18	14	10	0	0	0	0	1	0	0	0	0	0	5.77	-	-	-	
Gloucester																																	
Filton ...	21-9	59	19.4	12.5	15.9	-0.7	31.4	7	8.6	22	-	-	72	100	14	27	15	11	0	0	0	0	0	0	0	0	0	0	5.97	-	-	-	
Hempsted ...	99	12	19.9	11.8	15.9	-	31.7	7	6.1	16, 22	16.2	14.4	61	93	11	27	16	10	0	0	0	0	0	0	0	0	0	0	5.06	-	-	-	
Gloucester ...	21-9	24	20.4	12.5	16.5	-	31.6	7	7.3	16	-	-	68	-	11	18	14	10	0	0	0	0	1	0	0	0	0	0	5.67	-	-	-	
Cheltenham ...	99	65	20.0	11.8	15.9	-1.1	31.1	7	7.8	16, 22	-	-	68	115	13	13	18	11	-	-	-	-	-	-	-	-	-	5.29	-	-	-		
Cirencester ...	99	135	19.4	10.3	14.9	-	30.0	7	4.4	22	-	-	65	90	12	27	16	12	0	0	0	0	0	0	0	0	0	0	6.05	-	-	-	
Little Rissington ...	21-9	226	18.6	10.7	14.7	-	29.8	7	5.6	22	-	-	64	100	17	24	13	9	0	0	0	0	1	0	0	0	0	0	5.83	-	-	-	
5 ENGLAND, S.E.																																	
Greater London																																	
Kensington Palace ...	99	25	20.9	12.6	16.7	-1.3	30.6	7	7.2	22	17.8	16.3	63	100	12	14	17	11	0	0	0	0	2	-	0	0	-	-	-	-	-	-	
Hampstead ...	99	137	20.0	11.5	15.7	-1.0	30.6	7	7.2	22	-	-	73	108	11	14	17	12	0	0	0	0	1	-	0	0	-	5.92	95	S	-	-	
St. James's Park ...	99	4	21.4	12.7	(17.1)	(-1.0)	31.7	7	8.3	22	-	-	67	115	12	14, 19	16	12	0	-	0	0	1	-	0	-	-	-	-	-	-	-	
London/W. Centre ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.15	102	-	-		
Greenwich ...	99	7	21.4	12.2	16.8	-	31.1	7	9.4	10, 22	-	-	47	84	8	13	17	8	0	0	0	0	0	0	0	0	0	0	5.48	91	-	-	
Heathrow ...	21-9	25	21.3	12.6	16.9	-0.7	31.5	7	7.8	22	-	-	53	95	9	13	17	12	0	0	0	0	1	0	0	0	0	0	5.85	-	-	-	
Hampton ...	99	12	20.8	12.6	16.7	-	30.6	7	8.3	22	-	-	51	86	8	13	16	11	0	0	0	0	1	0	0	0	0	0	6.22	-	-	-	
Wealdstone ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.52	-	-	-		
Southgate ...	99	67	20.8	11.9	16.3	-	31.1	7	7.8	22	16.5	-	62	88	8	7	19	12	0	0	0	0	1	0	0	0	0	0	5.82	-	-	-	
Kew* ...	99	5	20.8	11.8	16.3	-	31.1	7	3.9	22	16.2	14.5	66	106	9	14	16	14	0	0	0	0	1	0	0	1	0	0	6.14	96	-	-	
Waddon ...	99	59	20.9	11.9	16.4	-0.9	30.6	7	6.7	22	-	-	58	94	9	13	14	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Addington ...	99	144	20.1	11.6	15.9	-0.8	29.4	7	7.2	22	-	-	55	82	9	13	15	12	-	-	-	-	0	0	-	-	-	-	-	-	-	-	
Bromley ...	99	65	-	11.6	-	-	-	-	6.7	22	-	-	(54)	(93)	17	14	(14)	(11)	-	0	-	-	-	0	-	-	-	-	-	-	-	-	
Surrey																																	
Gatwick ...	21-9	59	21.0	10.8	15.9	-0.9	29.6	7	4.7	22	-	-	53	81	10	7	12	10	0	0	0	0	1	0	0	0	0	0	6.03	-	-	-	
Witley ...	99	35	21.0	11.4	16.2	-0.7	30.6	7	6.1	4, 22	16.7	15.2	46	69	10	13	16	10	-	0	-	-	-	0	0	1	-	-	6.08	97	-	-	
Mickleham ...	99	55	20.5	10.5	15.5	-	29.4	7	3.9	22	17.3	-	59	93	13	7	14	10	0	0	0	0	1	-	0	0	-	-	-	-	-	-	
Kent																																	
Dartford ...	99	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Hadlow College ...	99	30	20.8	10.8	15.8	-	29.4	7	5.0	22	16.5	14.4	50	-	10	14	13	11	0	0	0	0	1	0	0	0	0	0	5.35	-	-	-	
Gillingham ...	99	4	21.8	12.8	17.3	-	31.1	7	9.4	22	-	-	51	88	21	14	13	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Peckham ...	21-9	29	20.7	10.7	15.7	-	28.9	7	4.4	22	-	-	60	-	15	7	13	9	0	0	0	0	1	0	0	0	0	0	6.40	-	-	-	
Dungeness ...	21-9	3	18.5	11.7	15.1	-1.2	24.5	7	7.8	10, 22	-	-	53	103	13	7	10	8	0	0	0	0	1	0	0	-	0	-	-	-	-	-	
Whitstable ...	99	3	21.0	13.0	17.0	-	30.0	7	10.0	2, 22	-	-	40	80	21	14	12	5	0	0	0	0	0	0	0	-	0	6.62	-	-	-	-	
Folkestone ...	99	39	19.0	12.5	15.7	-	26.7	7	10.0	15, 16, 22	-	14.6	40	71	9	14	12	7	0	0	0	0	1	1	0	-	0	6.52	-	-	-	-	
Elmstone ...	99	9	20.7	11.7	16.2	-	28.3	7	7.2	22	-	-	39	-	13	14	11	7	-	0	-	-	-	0	0	0	-	-	-	-	-	-	
Herne Bay ...	99	6	21.6	13.3	17.5	-	29.4	7	9.4	22	-	-	38	73	20	14	11	6	0	0	0	0	0	0	0	0	-	0	-	-	-	-	
Dover ...	99	6	18.9	12.8	15.9	-0.9	24.4	7	8.9	22	17.8	16.6	42	70	15	14	12	8	0	0	0	0	0	0	0	0	0	0	6.54	-	-	-	
Deal ...	21-9	5	20.0	13.0	16.5	-	25.0	6, 7	9.4	15	-	-	34	-	13	14	9	7	0	0	0	0	1	0	0	0	0	-	-	-	-	-	
Manston ...	21-9	44	20.4	12.4	16.4	-	28.0	7	8.9	22	-	-	43	84	19	14	13	6	0	0	0	0	1	0	0	0	0	0	-	-	-	-	
Margate ...	99	16	20.3	13.6	16.9	-0.5	26.7	7	10.0	22	17.1	15.5	39	-	14	14	13	7	0	0	0	0	0	0	0	0	1	6.50	88	-	-		
West Malling ...	99	93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Goudhurst ...	99	85	20.2	11.1	15.7	-	31.1	7	5.0	22	-	-	50	78	9	8	13	10	0	0	0	0	1	0	0	1	0	-	-	-	-	-	
East Malling ...	99	37	20.9	11.6	16.3	-0.4	30.0	7	6.7	22	16.9	15.3	45	75	13	7	11	9	0	0	0	0	1	0	0	0	1	6.24	94	-	-		
Throley ...	99	150	19.8	11.1	15.5	-	28.3	7	6.7	22	16.8	15.2	44	67	14	14	10	7	0	0	0	0	1	0	0	0	0	1	5.50	-	-	-	
Faversham ...	99	48	20.7	11.7	16.2	-	29.4	7	6.7	22	17.3	15.6	36	-	11	14	13	7	0	0	0	0	1	0	0	0	0	5.81	-	-	-		
Wye ...	99	56	20.1	11.3	15.7	-0.9	28.3	7	6.1	22	16.6	15.2	43	67	5	8	12	8	0	0	0	0	1	0	0	0	0	5.96	88	-	-		
Sussex																																	
Thorney Island ...	21-9	3	20.0	11.9	15.9	-	26.7	7	6.9	22	-	-	52	100	9	24	12	11	0	0	0	1	0	2	0	0	0	0	6.78	-	-	-	
Rogate ...	99	64	20.5	10.5	15.5	-	28.4	7	6.9	10	17.8	-	70	-	15	7	14	11	0	0	0	0	1	0	0	0	0	-	-	-	-	-	
Bognor Regis ...	99	7	18.7	11.9	15.3	-1.3	22.8	7	8.9	10, 15, 22	-	15.4	51	96	10	7	12	11	0	0	0	0	1	0	0	0	0	0	7.39	108	-	-	
Fernhurst ...	99	57	20.2	10.4	15.3	-	28.5	7	5.0	10	16.9	-	57	83	8	24	13	12	0	-	0	0	1	-	0	0	-	0	6.50	-	-	-	
Littlehampton ...	99	5	19.1	11.7	15.4	-1.2	24.4	7	6.7	22	-	15.7	41	74	9	8	11	10	0	0	0	0	1	0	0	-	0	6.93	98	-	-		
Rustington ...	99	3	19.4	10.1	14.7	-	25.6	7	3.9	22	-	15.6	43	-	10	8	12	10	-	0	-	-	-	-	-	-	-	5.79	-	-	-		
North Heath ...	99	21	20.6	10.3	15.5	-	27.8	7	5.0	22	18.3	15.7	53	-	9	18	1																

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

JULY,

1970

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DISTRICT, COUNTY AND PLACE	Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days												BRIGHT SUNSHINE		
				MEANS OF		Daily Mean (mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1916-50 average	Most in A DAY Amount (mm.)	Date	Precip'n		Snow or Sleet	Snow lying at 0 hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 0 hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure
				Max. (A)	Min. (B)			Maximum	Date	Minimum	Date							0.2 mm or more in 24 hours	1.0 mm or more in 24 hours													
5. ENGLAND, S.E. — contd.																																
Hampshire — contd.																																
Southsea ...	99	2	20.0	13.2	16.7	-0.8	23.3	6	9.4	16.22	17.9	15.9	40	79	7	8	13	9	0	0	0	0	0	0	0	1	0	0	7.07	101	-	
Hayling Island ...	99	4	19.7	(12.6)	(16.1)	-	23.9	7	(9.4)	22	-	-	45	-	9	7	13	9	0	0	0	0	1	1	0	-	-	0	7.15	-	-	
Long Sutton ...	99	156	20.2	9.8	15.0	-1.4	29.4	7	5.6	16	17.5	-	56	81	8	13	18	13	0	0	0	0	1	0	0	0	0	6.16	97	8		
Alice Holt Lodge	99	115	20.2	10.7	16.5	-	29.4	7	5.6	20.22	-	-	51	75	9	13	15	12	0	0	0	0	1	0	0	0	0	5.79	-	-	-	
S. Farnborough	99	69	20.7	11.3	16.0	-0.9	30.3	7	4.8	22	-	-	43	66	8	13	15	9	0	0	0	0	1	0	0	1	0	5.74	91	-	-	
Isle of Wight																																
St. Catherine's Pt.	99	16	18.1	(11.9)	(15.0)	(-1.1)	23.5	7	8.0	5	-	-	50	92	13	24	12	10	0	-	0	0	1	0	0	-	2	-	-	-	-	
Ventnor *	99	122	18.3	12.4	15.3	-1.1	23.3	7	8.9	16	17.2	14.8	56	95	10	8	12	11	0	0	0	0	1	0	0	0	0	7.80	108	-	-	
Shanklin ...	99	55	18.4	12.2	15.3	-	22.2	7	8.3	22	-	-	60	93	10	8	13	11	0	-	0	0	1	1	0	-	0	7.97	-	-	-	
Sandown ...	99	4	19.9	12.6	16.3	-0.7	22.8	7.18	7.8	22	-	-	57	104	11	8	10	10	0	-	0	0	1	0	0	-	-	7.57	-	-	-	
Ryde	99	4	19.7	12.9	16.3	-1.0	23.9	7	8.9	22	-	-	49	92	9	18	13	11	0	0	0	0	1	0	0	-	0	6.87	93	-	-	
Wiltshire																																
Lacock ...	99	49	19.9	10.6	15.3	-	29.4	7	5.0	2.16	-	-	61	97	9	24	16	13	-	0	-	-	-	0	0	0	-	-	-	-	-	-
West Lavington	99	93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Lyneham ...	21-9	145	19.3	11.1	15.2	-1.0	30.3	7	6.7	16	-	-	66	101	16	24	14	14	0	0	0	0	1	0	0	0	0	6.51	-	-	-	-
Larkhill ...	99	132	19.8	11.0	15.4	-0.6	29.4	7	4.8	22	-	-	64	98	13	24	13	13	0	0	0	0	0	0	0	0	0	-	-	-	-	-
Boscombe Down	21-9	126	20.4	10.9	15.7	-0.5	28.7	7	5.2	22	-	-	57	91	13	18	15	13	0	0	0	0	1	0	0	0	0	6.69	109	-	-	-
Upavon ...	21-9	176	19.4	10.7	15.1	-	29.8	7	5.2	22	-	-	68	102	13	27	15	13	0	0	0	0	2	0	0	1	-	-	-	-	-	
Porton	99	111	20.2	10.4	15.3	-0.7	29.1	7	4.5	22	15.5	-	54	89	14	18	14	11	-	0	-	-	-	0	0	1	0	6.94	108	-	-	-
7a. ENGLAND, N.W.																																
Cumberland																																
Sellafield ...	99	13	16.7	11.2	13.9	-	23.3	7	7.2	1	-	-	85	85	25	22	16	11	-	0	-	-	-	0	0	0	-	3.97	-	-	-	-
Carlisle ...	21-9	26	17.3	11.0	14.1	-	25.0	7	6.6	22	-	-	94	-	22	8	20	15	0	0	0	0	1	0	0	0	0	4.13	-	-	-	-
Newton Rigg	99	171	16.9	10.4	13.7	-1.0	25.6	7	5.6	10	15.2	-	84	107	16	8	22	15	-	0	-	-	-	0	0	1	-	4.88	99	-	-	-
Spadeadam	99	274	15.0	8.8	11.9	-	22.8	7	4.4	20.22	12.7	11.3	148	-	35	8	24	22	0	0	0	0	2	2	0	0	-	3.49	-	-	-	-
Westmorland																																
Ambleside ...	99	46	17.2	10.9	14.1	-	26.7	7	5.6	22	-	-	158	119	31	22	21	17	0	0	0	0	0	0	0	0	-	-	-	-	-	
Great Dun Fell	21-9	847	10.2	5.7	7.9	-	27.6	7	8.5	20	-	-	-	-	-	-	-	-	-	-	-	-	21	0	-	-	-	1.94	-	-	-	-
Moor House ...	99	556	13.6	7.4	10.5	-	22.8	7	2.2	20.22	10.9	-	170	92	28	8	24	20	-	0	-	-	-	1	0	3	-	3.92	-	-	-	-
Lancashire																																
Squires Gate ...	21-9	10	17.4	12.3	14.9	-0.8	27.6	7	8.5	20	-	-	57	79	10	23	19	13	0	0	0	0	1	0	0	0	0	5.03	84	-	-	-
Aigburth ...	99	14	18.1	12.4	15.3	-	28.5	7	9.3	20	-	-	65	-	14	27	18	14	0	0	0	0	1	0	0	0	-	5.47	-	-	-	-
Southport ...	99	5	17.4	12.2	14.8	-	28.3	7	8.3	20	15.6	12.4	64	88	9	23	18	13	-	0	-	-	-	0	0	0	-	5.28	-	-	-	-
Poulton-le-Fylde	99	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cartmel ...	99	34	16.9	10.8	13.9	-	27.2	7	5.6	22	-	-	90	-	19	22	22	17	-	0	-	-	-	1	0	-	-	-	-	-	-	-
Grizedale ...	99	91	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Speke ...	21-9	22	18.9	12.2	15.5	-0.5	29.5	7	9.0	20	-	-	61	82	14	27	19	15	0	0	0	0	1	0	0	0	0	5.26	-	-	-	-
Kirkham ...	99	24	17.4	11.4	14.4	-	27.8	7	7.8	20	-	-	68	79	15	23	19	13	0	0	0	0	1	0	0	0	0	5.12	-	-	-	-
Bailrigg ...	99	50	16.9	11.1	14.0	-	27.0	7	7.2	16	-	-	83	-	13	3	18	14	-	0	-	-	-	0	0	0	-	3.97	-	-	-	-
Morecambe ...	99	7	17.1	12.5	14.8	-1.2	25.6	7	10.0	20.21	-	-	95	115	25	27	20	14	0	0	0	0	1	0	0	-	0	4.14	73	-	-	-
Preston ...	99	33	17.5	11.6	14.5	-	28.3	7	8.3	20	-	-	80	88	11	27	19	14	0	0	0	0	1	1	0	0	0	-	-	-	-	-
Bolton ...	99	107	(17.5)	10.9	(14.2)	-	29.4	7	7.2	10	14.1	-	103	-	16	27	20	16	-	0	-	-	-	0	0	0	-	4.60	-	-	-	-
Stonyhurst	99	115	(16.9)	(10.8)	(13.9)	(-1.3)	27.8	7	7.8	20	-	-	82	80	13	27	21	14	-	0	-	-	-	1	0	0	-	4.21	83	-	-	-
Manchester/W. Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.15	-	-	-	-	
Helmshore ...	99	261	15.8	10.1	12.9	-	27.2	7	7.2	20.22	13.2	-	118	97	19	27	19	15	-	0	-	-	-	1	0	0	-	4.56	-	-	-	-
Burnley ...	99	200	16.3	10.5	13.4	-	27.8	7	6.7	20	13.5	11.7	94	-	15	8	19	16	0	0	0	0	0	0	0	0	0	3.35	-	-	-	-
Nelson	99	165	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Rochdale ...	99	110	17.4	10.8	14.1	-	28.3	7	6.1	10	-	-	100	102	19	27	18	15	0	0	0	0	1	0	0	0	-	-	-	-	-	-
Cheshire																																
West Kirby Park	99	8	19.0	(12.4)	(15.7)	-	29.4	7	9.4	21	-	-	63	-	12	27	17	14	-	-	-	-	-	0	0	-	-	5.04	-	-	-	-
Bidston	99	60	17.6	12.0	14.8	-0.9	28.3	7	9.4	14	-	-	68	97	12	26.27	17	12	-	-	-	-	-	0	0	0	-	5.20	91	-	-	-
Ness Gardens ...	99	55	18.7	11.6	15.1	-	28.1	7	8.6	21	-	-	53	-	9	26	21	11	0	0	0	0	1	0	0	0	-	4.15	-	-	-	-
Winnington ...	99	20	(19.3)	(11.9)	(15.6)	-	30.6	7	8.9	20.21	-	-	59	85	11	26	18	13	0	0	0	0	0	0	0	0	-	-	-	-	-	-
Knutsford ...	99	65	19.0	11.2	15.1	-	29.4	7	8.3	20.21	16.2	14.4	77	96	21	27	18	14	-	0	-	-	-	0	0	0	-	-	-	-	-	-
Ringway	21-9	75	18.1	11.6	14.9	-1.0	29.6	7	9.1	21	-	-	68	86	14	27	16	10	0	0	0	0	1	0	0	0	0	4.30	87	-	-	-
Macclesfield ...	99	152	17.7	10.9	14.3	-1.4	29.4	7	8.3	3.21	-	-	90	97	15	24	21	14	0	0	0	0	1	0	0	-	-	-	-	-	-	-
7b. NORTH WALES																																
Flint																																
Rhyl ...	99	9	18.0	12.4	15.2	-0.6	22.2	18	8.3	22	-	-	42	80	9	26	14	8	0	0	0	0	1	0	0	-	5.21	91	-	-	-	
Prestatyn ...	99	4	18.1	12.3	15.2	-	21.7	5.8	8.9	22	-	-	47	80	10	27	16	12	0	0	0	0	1	0	0	-	4.67	73	-	-	-	
Hawarden Bridge	99	5	19.4	12.1	15.7	-0.6	27.2	7	8.9	21	-	-	45	72	8	26	16	12	0	0	0	0	1	0	0	-	-	-	-	-	-	-
Anglesey																																
Valley	99	10																														

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

JULY,

1970

DISTRICT, COUNTY AND PLACE	Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days												BRIGHT SUNSHINE			
				MEANS OF		Daily Mean (mean of A & B)	Difference from 1951-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1951-60 average	MOST IN A DAY		Precip'n 0.2 mm or more	1.0 mm or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C.	Concrete min. below 0°C.	Gale	Daily Mean (hr.)	Percentage of 1951-60 average	Exposure	
				Max. (A)	Min. (B)			Maximum	Date	Minimum	Date					Amount (mm.)	Date																
8a. SOUTH WALES.																																	
Cardigan																																	
Aberporth ...	21-9	133	16.6	11.3	13.9	-0.9	21.0	7	8.9	14	-	-	57	72	11	13	15	10	0	0	0	0	0	4	0	0	0	0	4.85	-	-	-	-
Gogerddan ...	99	31	17.3	11.9	14.6	-	25.6	7	10.0	14.20	-	-	114	128	17	25.27	17	14	0	0	0	0	0	0	0	0	0	0	4.30	-	-	-	-
Swyddffynnon ...	99	165	16.9	10.1	13.5	-	28.3	7	5.6	3	-	-	105	95	15	27	17	17	-	0	-	-	-	0	0	0	0	-	4.12	-	-	-	-
Trawscoed ...	99	61	17.6	(11.2)	(14.4)	-	28.3	7	9.4	5.10.16	15.1	-	95	90	15	13	15	15	-	0	-	-	-	0	0	0	0	-	4.40	-	-	-	-
Llety-evan-hen ...	99	290	15.3	9.9	12.6	-	26.1	7	7.2	20	-	-	176	147	25	8	19	16	0	0	0	0	3	0	0	0	0	3.34	74	-	-	-	
Cwmystwyth ...	99	301	15.4	9.5	12.5	-	27.2	7	6.1	16	-	-	189	-	27	4	21	21	-	0	-	-	-	0	0	0	0	-	-	-	-	-	
Pembroke																																	
Dale Fort ...	99	33	17.4	11.9	14.7	-	25.0	7	10.0	20.21	16.2	-	71	-	21	25	11	9	0	0	0	0	0	2	0	0	0	-	-	-	-	-	
Milford Haven C.B.*	21-9	37	16.8	11.8	14.3	-	24.2	7	9.2	20	-	-	93	-	20	25	13	10	0	0	0	0	2	0	0	0	0	-	-	-	-	-	
Orielton ...	99	61	(17.7)	(11.3)	(14.5)	-	25.0	7	7.8	21	(15.9)	-	88	-	16	25	15	9	-	0	-	-	-	0	0	0	0	-	-	-	-	-	
Haverfordwest ...	99	8	17.4	9.9	13.7	-	26.1	7	3.9	3	-	-	88	-	19	25	14	11	0	0	0	0	0	0	0	0	0	-	-	-	-	-	
Carmarthen																																	
Carmarthen ...	99	15	18.3	10.8	14.5	-	27.8	7	5.6	22	16.0	-	72	-	11	23	15	10	0	0	0	0	0	0	0	0	0	4.95	-	-	-	-	
Brynamman ...	21-9	183	17.2	10.6	13.9	-	28.0	7	6.6	21	-	-	127	-	21	23	18	15	0	0	0	0	0	1	0	0	0	-	-	-	-	-	
Radnor																																	
Cenarth Mill ...	21-9	282	16.3	9.9	13.1	-	27.0	7	6.1	20	-	-	69	-	11	23	17	14	-	0	-	-	-	0	0	0	0	-	-	-	-	-	
Llandrindod Wells	99	235	18.3	10.5	14.4	-0.5	28.9	7	6.7	16.20	14.9	-	64	81	12	23	16	13	0	0	0	0	0	0	0	0	0	-	4.12	84	-	S	
Brecknock																																	
Llwynon ...	99	262	16.8	(9.9)	(13.3)	-	27.2	7	4.4	22	-	-	125	-	21	23	20	16	0	0	0	0	0	4	0	-	-	0	-	-	-	-	
Glamorgan																																	
Mumbles ...	21-9	37	16.6	12.0	14.3	-	24.5	7	9.4	3.16	-	-	-	-	-	-	-	-	0	0	0	0	0	1	0	0	0	0	-	-	-	-	
Penmaen ...	99	82	17.7	11.6	14.7	-	27.2	7	8.3	21	16.6	15.8	108	-	21	25	16	13	0	0	0	0	0	2	0	0	0	-	-	-	-	-	
Swansea	99	8	18.1	12.6	15.3	-1.4	27.8	7	9.4	16	17.8	16.4	102	114	18	25	15	13	0	0	0	0	0	0	0	0	0	-	-	-	-	S	
Port Talbot ...	99	7	18.8	12.9	15.9	-	30.0	7	9.4	16	-	-	114	119	20	25	16	14	0	0	0	0	0	0	0	0	0	-	4.64	-	-	S	
Neath ...	99	62	18.1	12.3	15.2	-	28.9	7	8.3	20	-	-	111	104	15	27	19	13	0	0	0	0	0	0	0	0	0	-	-	-	-	-	
Rhoose	21-9	67	18.2	11.9	15.1	-	28.2	7	8.2	21	-	-	121	-	27	23	16	13	0	0	0	0	0	0	0	0	0	0	6.18	93	-	-	
Cardiff	99	62	19.5	12.1	15.8	-0.6	30.6	7	8.3	16	15.9	14.3	82	94	22	23	14	12	0	0	0	0	0	0	0	0	-	-	5.58	-	-	S	
Monmouth																																	
Tredegar ...	99	313	17.1	9.9	13.5	-	27.8	7	5.0	3	-	-	94	75	20	23	17	15	0	0	0	0	0	3	0	0	0	0	-	-	-	S	
Newport ...	99	23	(19.9)	(11.5)	(15.7)	(-0.9)	30.0	7	6.1	16.22	-	-	85	100	28	23	15	13	-	0	-	-	-	0	0	0	0	0	6.18	-	-	-	-
Usk ...	99	21	(20.3)	(10.8)	(15.5)	-	30.6	7	3.9	22	(17.2)	-	59	72	19	22	12	11	-	0	-	-	-	0	0	0	0	-	(4.80)	-	-	-	
Crumblant ...	99	245	18.1	10.2	14.1	-	28.9	7	6.7	16	14.8	13.6	74	84	21	23	14	10	-	0	-	-	-	0	0	0	0	-	6.02	-	-	-	-
8b. ENGLAND, S.W.																																	
Somerset																																	
Hawkrigge ...	99	314	16.7	10.1	13.4	-	25.6	7	6.7	22	-	-	107	97	24	23	22	14	0	0	0	0	0	4	0	0	0	0	5.55	-	-	-	-
Nettlecombe ...	99	96	19.8	10.6	15.2	-	29.4	7	3.9	22	17.4	-	39	-	11	23	11	10	0	0	0	0	0	0	0	1	0	-	-	-	-	-	
Cannington ...	99	29	19.4	11.9	15.7	-	29.4	7	8.9	13.22	16.6	-	42	67	9	23	16	11	0	0	0	0	0	0	0	0	0	0	6.30	96	-	-	-
Weston-super-Mare	99	9	-	13.1	-	-	-	-	9.4	22	-	-	70	103	22	23	11	11	0	0	0	0	0	0	0	0	0	1	6.48	102	-	-	-
Cricketer Malherbie	99	76	-	-	-	-	-	-	-	-	-	-	61	-	13	24	12	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cheddar ...	99	11	19.1	11.8	15.5	-	29.4	7	7.2	22	16.8	-	84	-	25	24	15	13	-	0	-	-	-	0	0	0	0	-	-	-	-	-	
Yeovilton ...	21-9	18	20.2	11.4	15.8	-	29.6	7	5.4	22	-	-	56	-	10	24	13	11	0	0	0	0	1	0	0	0	0	0	-	-	-	-	
Rodney Stoke ...	99	40	19.2	11.7	15.5	-	29.4	7	6.1	22	16.8	14.7	78	-	15	24	14	13	-	0	-	-	-	2	0	0	0	-	-	-	-	-	
Long Ashton	99	49	19.2	12.2	15.7	-0.7	30.6	7	7.8	16	16.8	-	75	95	12	18	14	13	0	0	0	0	0	0	0	0	0	0	6.10	101	-	-	-
West Camel ...	99	27	20.7	10.2	15.5	-	30.0	7	5.0	10.23	-	-	64	-	12	24	14	12	-	0	-	-	-	0	0	0	0	-	-	-	-	-	
Wincanton ...	99	114	-	-	-	-	-	-	-	-	-	-	-																				

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

JULY,

1970

DISTRICT, COUNTY AND PLACE	Max. Temp. br. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days												BRIGHT SUNSHINE			
			MEANS OF		Daily Mean (mean of A & B)	Difference from 1931—60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1931—60 average	Amount (mm.)	Date	Precip'n		Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931—60 average	Exposure	
			Max. (A)	Min. (B)			Maximum	Date	Minimum	Date							0.2 mm or more	1/10mm or more														
9. NORTHERN IRELAND																																
Londonderry																																
Loughmore Forest	99	174	14.7	8.4	11.5	-	19.7	7	3.2	29	-	-	115	-	20	8	26	20	0	0	0	0	1	0	0	2	-	0	-	-	-	-
Ballykelly	21-9	2	16.5	10.3	13.4	-1.2	22.9	7	6.2	22	14.8	13.6	75	91	12	27	23	15	0	0	0	0	1	0	0	0	0	0	2.78	63	-	-
Banagher, Caugh Hill			16.2	8.7	12.5	-	21.7	5	5.1	21	-	-	91	-	18	8	27	19	0	0	0	0	1	0	0	0	0	-	-	-	-	-
Derrynoyd Forest	99	88	16.7	9.1	12.9	-	21.7	7	3.1	22	-	-	76	-	20	8	23	15	0	0	0	0	0	0	0	1	-	-	-	-	-	-
Somerset Forest	99	43	16.2	9.5	12.7	-	21.4	7	5.2	22	-	-	91	-	25	8	24	20	0	0	0	0	0	0	0	0	0	-	-	-	-	-
Coleraine Univ....	99	23	15.9	10.0	12.9	-	21.7	7	5.0	22	13.9	12.7	82	-	18	8	24	18	0	0	0	0	0	0	0	0	0	0	2.42	-	-	-
Garvagh Forest	99	88	16.3	9.2	12.7	-	22.2	7	2.2	22	15.4	12.9	92	-	24	8	26	18	0	0	0	0	1	0	0	0	-	-	-	-	-	-
Moneydig	21-9	34	16.8	9.4	13.1	-	21.6	7	3.2	22	15.3	-	74	74	16	8	24	16	0	0	0	0	1	0	0	2	0	0	-	-	-	-
Antrim																																
Portrush Golf Club	99	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ballymoney	99	55	16.7	9.4	13.1	-	21.6	7	6.0	26	-	-	89	-	20	8	25	22	0	0	0	0	0	0	0	-	-	-	-	-	-	-
Lisnafillan	99	38	16.8	9.6	13.2	-	21.7	7	3.3	22	-	-	77	-	21	28	20	14	0	0	0	0	0	0	0	0	-	-	3.19	-	-	-
Aldergrove	21-9	69	17.0	10.3	13.7	-1.0	21.9	7	6.3	10, 22	14.3	12.2	76	85	18	8	22	17	0	0	0	0	0	0	0	0	0	0	3.17	72	-	-
Greenmount	99	32	16.8	10.2	13.5	-	21.1	7	5.6	22	15.1	-	66	-	14	8	23	15	0	0	0	0	0	0	0	-	-	-	-	-	-	-
Altnahinch	99	226	14.3	8.7	11.5	-	20.0	7	4.4	22	-	-	147	-	27	8	29	24	0	0	1	0	0	1	0	0	-	4	2.36	-	-	-
Parkmore Forest	99	235	14.6	8.2	11.4	-	19.4	8	2.2	22	12.3	-	145	101	18	8	27	25	0	0	0	0	0	0	0	1	-	0	-	-	-	-
Black Mountain	21-9	295	14.9	8.1	11.5	-	18.7	7	4.0	22	-	-	97	-	13	8	20	17	0	0	0	0	0	6	0	-	1	-	-	-	-	-
Lowtown	99	271	14.8	8.2	11.5	-	21.1	5	2.8	22	12.3	-	99	-	20	28	20	18	0	0	0	0	0	0	0	1	-	0	2.57	-	-	-
Ballypatrick Forest	99	152	14.8	8.6	11.7	-	20.5	8	3.8	22	-	-	137	126	23	8	28	23	0	0	0	0	0	0	0	0	0	0	2.43	-	-	-
Belfast, Malone*	99	35	17.2	9.8	13.5	-	20.6	7, 12, 31	3.3	22	15.0	-	81	-	11	8	21	18	0	0	0	0	1	0	0	-	-	-	3.08	-	-	-
Newtownabbey	99	32	17.3	10.8	14.1	-	21.1	24, 31	7.8	10, 21, 22	15.1	-	77	-	16	28	22	14	0	0	0	0	1	0	0	0	-	0	3.67	-	-	-
Woodburn, North	99	217	15.5	8.3	11.9	-	19.4	31	2.2	22	-	-	90	88	16	8	23	20	0	0	0	0	1	4	0	1	-	-	-	-	-	-
Larne	99	43	17.4	9.9	13.7	-	20.5	31	4.2	22	-	-	94	108	24	28	24	17	0	0	0	0	1	0	0	-	-	-	-	-	-	-
Kilroot	99	22	17.2	9.5	13.3	-	20.6	12, 18	4.4	22	-	-	63	-	14	8	15	13	0	0	0	0	0	0	0	0	-	-	-	-	-	-
Ballylumford	99	24	16.8	10.3	13.5	-	19.4	5, 17, 31	6.1	22	-	-	67	-	15	28	19	11	0	0	0	0	-	0	0	-	-	-	-	-	-	-
Down																																
Hillsborough	99	116	16.5	9.6	13.1	-1.2	20.0	5, 7, 12	5.6	21, 22	14.2	12.4	81	103	15	28	21	17	0	0	0	0	0	0	0	0	-	0	3.34	74	-	-
Kilkeel	21-9	18	16.9	10.5	13.7	-1.0	21.1	12	4.5	22	-	-	85	-	24	8	21	11	0	0	0	0	1	0	0	0	0	0	4.42	88	-	-
Tollymore Park	99	93	18.0	9.9	13.9	-	22.2	31	5.0	22	-	-	64	53	15	8	23	13	0	0	0	0	0	0	0	0	-	-	-	-	-	-
Rosetta	99	24	17.3	10.2	13.7	-	20.6	5, 17, 31	6.1	10, 22, 27	-	-	73	-	12	8	21	17	0	0	0	0	0	1	0	-	-	-	-	-	-	-
Murlough	99	9	17.9	9.5	13.7	-	22.8	5	1.1	10	14.6	12.7	62	-	19	8	18	10	0	0	0	0	0	0	0	2	-	0	4.42	-	-	-
Stormont Castle	99	56	17.2	10.1	13.7	-	21.1	24	5.6	22	15.1	13.7	78	94	20	8	21	12	0	0	0	0	1	0	0	0	-	0	3.15	-	-	-
Downpatrick	99	21	15.1	10.2	12.7	-	22.2	17	5.6	21, 22	-	-	77	-	25	8	15	12	-	-	-	1	0	0	-	-	-	-	-	-	-	-
Creighton's Green	99	119	16.3	9.9	13.1	-	20.0	31	6.7	21, 22	-	-	84	-	24	8	20	14	-	1	0	1	0	0	0	-	0	-	-	-	-	-
Reagh Island**	99	12	17.6	10.4	14.0	-	21.1	17	6.1	22	-	-	81	-	19	8	17	11	-	-	-	-	0	0	0	0	-	5	3.88	-	-	-
Helen's Bay	99	43	17.1	10.6	13.9	-	20.6	7, 17, 31	6.1	22	-	-	63	-	23	8	18	12	0	0	0	0	0	0	0	0	-	1	3.38	-	-	-
Killough	21-9	15	16.5	10.5	13.5	-	21.1	17	6.4	21	-	-	72	-	19	8	18	12	0	0	0	0	0	0	0	0	0	4	-	-	-	-
Ballyhalbert	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.78	-	-	-	-
Armagh																																
Armagh	99	62	18.3	9.9	14.1	-1.0	23.9	7	5.0	22	16.8	14.8	95	113	28	27	23	18	0	0	0	0	1	0	0	0	-	0	2.90	70	-	-
Loughall	99	25	17.4	10.1	14.0	-	22.2	7	5.0	22	-	-	75	99	10	28	20	15	0	0	0	0	1	0	0	2	-	0	3.54	-	-	-
Bessbrook	-	76	-	-	-	-	-	-	-	-	-	-	81	87	15	28	21	17	-	-	-	-	-	-	-	-	-	-	4.09	88	-	-
Portadown	99	16	17.9	10.3	14.1	-	23.3	7	6.1	21, 22	15.1	13.9	80	-	13	28	21	14	0	0	0	0	-	0	0	-	0	-	-	-	-	-
Lurgan	99	55	17.9	10.2	14.1	-	22.8	7	6.1	21, 22	15.2	13.7	80	-	15	28	21	15	-	-	-	-	-	0	0	-	-	3.52	-	-	-	-
Tyrone																																
Lough Bradan	99	169	15.9	8.7	12.3	-	21.7	7	3.3	21	-	-	108	-	26	11	24	18	-	0	-	-	-	0	0	0	-	-	3.35	-	-	S
Baronscourt Forest	99	88	16.7	9.7	13.2	-	22.2	7	5.0	21, 22	-	-	78	-	18	8	21	15	0	0	0	0	0	0	0	0	-	-	-	-	-	-
Strabane Convent	99	44																														

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS

JULY,

1970

Height of Barometer above M.S.L. in metres	Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)						VISIBILITY (Metres and Kilometres)								WIND SPEED AND DIRECTION															
		At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	MEAN	0	1-2	3-5	6-7	8	9	0-39 m.	40-190 m.	200-390 m.	400-590 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
																									SPEED IN KNOTS												
																									8 or more	6-7	4-5	1-3	Calm								
																									24 or more	22-23	11-21	1-10	0								
Number of Observations																																					
0 SCOTLAND, N.																																					
Lerwick [Zetland]																																					
83	3	1004.7	-	9.2	0.6	10.8	92	6.5	0	2	5	13	9	2	0	1	2	0	0	0	6	2	6	14	0	0	11	18	2	4	1	0	1	6	7	6	4
	9	1005.1	-5.6	10.9	1.2	11.0	85	6.4	0	2	6	13	9	1	0	1	0	0	0	1	3	6	6	14	0	1	20	10	0	3	1	2	0	5	7	10	3
	15	1005.9	-	11.5	1.5	11.1	82	6.7	0	1	3	16	10	1	0	0	1	0	0	1	6	3	4	16	0	2	18	10	1	5	1	1	2	4	7	7	3
	21	1006.3	-	9.6	0.8	10.7	89	6.6	0	2	3	18	8	0	0	0	0	2	0	1	3	2	11	12	0	4	7	16	4	3	2	1	1	3	8	6	3
Kirkwall [Orkney]																																					
26	3	1005.8	-	9.7	0.5	11.3	93	6.3	0	3	4	13	11	0	0	0	0	1	0	0	6	2	15	7	0	2	16	12	1	2	2	0	1	7	6	9	3
	9	1006.6	-4.2	11.6	1.3	11.5	84	6.7	0	0	2	24	5	0	0	0	0	0	1	0	1	4	5	20	0	2	22	7	0	6	0	1	0	5	4	9	6
	15	1007.1	-	12.5	1.8	11.4	78	6.9	0	1	1	20	9	0	0	0	0	0	0	0	2	2	9	18	0	5	18	8	0	4	1	2	1	6	1	12	4
	21	1007.2	-	10.3	0.6	11.5	92	6.6	0	2	2	17	10	0	0	0	0	0	1	4	6	9	11	0	2	16	12	1	2	2	1	3	5	3	10	4	
Wick [Caithness]																																					
37	3	1006.5	-	9.5	0.5	11.2	93	6.4	0	2	5	16	7	1	0	1	0	0	0	0	6	3	8	13	0	0	9	21	1	2	2	0	3	1	7	11	4
	9	1007.2	-3.9	11.7	1.4	11.5	84	6.6	0	0	4	23	4	0	0	0	0	1	0	1	3	6	20	0	0	20	11	0	5	1	1	3	5	2	8	6	
	15	1007.6	-	12.7	1.7	11.8	80	6.9	0	0	3	21	7	0	0	0	0	1	0	0	1	4	8	17	0	1	20	10	0	1	2	2	4	3	3	5	11
	21	1007.8	-	10.8	0.7	11.9	91	6.5	0	1	4	20	6	0	0	0	0	1	1	3	2	12	12	0	1	8	21	1	2	2	0	2	5	5	8	6	
Cape Wrath* [Sutherland]																																					
113	3	1005.7	-	10.0	0.8	11.0	89	7.3	0	0	4	7	16	4	0	1	3	0	0	1	0	5	7	14	0	5	14	11	1	0	1	3	1	1	13	6	5
	9	1006.6	-	10.4	1.1	10.8	86	7.5	0	0	1	10	19	1	0	0	1	0	0	0	3	6	5	16	1	5	8	15	2	1	2	3	0	0	12	6	5
	15	1007.2	-	11.0	1.3	11.2	85	7.5	0	0	0	14	15	2	0	0	2	0	0	0	1	5	5	18	0	6	13	11	1	1	3	2	0	0	11	8	5
	21	1007.1	-	10.6	1.1	11.1	87	7.4	0	0	3	9	16	3	0	1	2	0	0	0	2	2	7	17	0	3	15	11	2	0	1	3	1	1	11	5	7
Stornoway [Ross & Cromarty]																																					
5	3	1007.1	-	9.8	0.3	11.7	96	6.6	0	1	3	19	8	0	0	0	0	0	0	1	15	11	4	0	0	19	11	1	2	2	0	0	4	7	8	7	
	9	1007.5	-3.7	11.9	1.1	12.2	87	6.8	0	0	3	22	6	0	0	0	0	0	0	5	5	13	8	0	4	23	4	0	2	4	2	0	8	4	6	5	
	15	1008.0	-	12.7	1.3	12.4	84	6.9	0	1	0	23	7	0	0	0	0	0	1	2	6	11	11	0	3	23	5	0	0	5	1	1	6	5	6	7	
	21	1007.9	-	10.8	0.6	12.1	92	6.4	0	3	1	21	6	0	0	0	0	0	0	4	8	12	7	0	2	14	15	0	3	2	1	1	4	12	3	5	
Benbecula [Inverness]																																					
7	3	1008.4	-	10.3	0.8	11.2	89	6.7	0	1	2	21	7	0	0	0	0	0	1	3	9	7	11	0	1	19	9	2	3	3	0	0	1	7	9	6	
	9	1008.8	-2.5	12.2	1.5	11.7	82	6.6	0	0	3	22	6	0	0	0	0	1	2	2	4	7	15	0	3	20	7	1	5	3	0	0	5	6	7	4	
	15	1009.2	-	13.1	1.8	11.9	80	6.5	0	1	4	19	7	0	0	0	0	0	4	3	2	8	14	0	3	22	6	0	2	2	1	1	4	8	7	6	
	21	1009.3	-	11.3	1.1	11.6	87	6.5	0	1	4	19	6	1	0	0	0	1	0	2	5	2	8	13	0	1	18	12	0	3	2	1	0	3	11	3	8
1 SCOTLAND, E																																					
Kinloss [Moray]																																					
6	3	1007.3	-	11.0	1.3	11.1	84	6.6	0	0	6	18	7	0	0	0	0	0	0	1	5	2	8	15	0	2	13	14	2	1	1	1	1	3	13	5	4
	9	1007.9	-3.4	12.9	2.0	11.5	77	6.9	0	0	2	26	3	0	0	0	0	0	0	1	3	1	6	20	0	2	17	11	1	5	0	2	0	4	5	11	3
	15	1008.1	-	14.8	2.8	11.9	71	7.1	0	0	1	23	7	0	0	0	0	0	0	1	0	8	22	0	1	19	11	0	5	4	4	0	2	6	6	4	
	21	1008.5	-	12.6	1.7	11.8	81	6.7	0	0	3	21	7	0	0	0	0	0	0	3	1	5	22	0	2	8	19	2	1	2	3	0	3	6	10	4	
Dyce [Aberdeen]																																					
59	3	1007.3	-	10.3	0.9	11.2	88	6.6	0	1	4	17	7	2	0	0	1	2	1	1	1	6	9	10	0	1	11	18	1	4	0	0	2	4	6	8	6
	9	1007.8	-3.9	13.2	2.3	11.2	74	6.8	0	0	5	18	8	0	0	0	0	0	1	2	2	7	17	0	2	16	11	2	4	1	2	0	3	6	6	7	
	15	1008.1	-	14.3	2.7	11.7	72	7.0	0	0	2	20	9	0	0	0	0	2	0	3	8	6	12	0	4	15	12	0	4	1	4	3	4	4	4	7	
	21	1008.6	-	11.6	1.1	11.9	87	6.9	0	1	2	18	9	1	0	0	1	0	2	1	4	8	10	5	0	2	8	17	4	1	1	4	1	5	5	3	7
Fraserburgh [Aberdeen]																																					
22	3	1006.8	-	11.1	1.0	11.6	87	6.6	0	0	5	17	9	0	0	0	0	0	0	0	6	9	16	0	0	3	10	18	0	4	0	1	0	8	2	13	3
	9	1007.5	-4.1	12.6	1.6	11.9	82	6.5	0	0	6	15	10	0	0	0	0	0	0	4	5	21	1	0	4	14	13	0	6	0	2	0	5	1	13	4	
	15	1007.9	-	13.2	1.8	12.2	80	6.4	0	0	9	13	9	0	0	0	0	0	0	6	6	17	2	1	4	12	13	1	3	2	5	2	4	0	9	5	
	21	1008.2	-	12.0	1.2	12.0	85	6.7	0	1	3	18	8	1	0	1	0	0	1	2	7	18	2	0	3	10	17	1	3	1	3	1	7	2	8	5	
Usan [Angus]																																					
35	3	1007.8	-	10.9	0.9	11.7	89	6.2	0	4	3	15	8	1	0	0	2	0	1	0	1	0	2	25	0	0	12	16	3	4	0	2	0	1	3	14	4
	9	1008.2	-	13.0	1.6	12.2	81	6.0	0	2	8	14	6	1	0	1	0	0	1	3	1	1	4	20	0	2	14	12	3	7	1	3	1	3	4	9	0
	15	1008.5	-	14.6	1.9	13.2	80	6.6	0	0	7	17	7	0	0	1	0	0	0	2	2	3	21	0	1	17	12	1	6	2	2	2	4	3	11	0	
	21	1009.1	-	12.0	1.1	12.2	87	6.0	0	4	15	8	0	0	0	0	0	1	1	3	0	3	23	0	0	12	17	2	5	2	3	1	1	8	8	1	
Leuchars [Fife]																																					
12	3	1008.1	-	10.8	0.9	11.5	88	6.3	0	1	6	17	5	2	0	1	0	2	0	0	1	6	11	10	0	1	11	14	5	1	2	0	1	0	14	7	1
	9	1008.5	-3.4	13.7	2.3	11.7	75	6.6	0	1	5	18	7	0	0	0	0	0	2	2	1	3	7	16	0	4	17	10	0	1	1	6	2	0	7	8	6
	15	1008.7	-	15.4	3.0	12.0	69	6.8	0	0	3	23	5	0	0	0	0	1	0	0	2	4	12	12	0	5	17	9	0	1	3	4	1	1	6	9	8
	21	1009.2	-	12.5	1.4	12.1	83	6.2	0	3	4	18	6	0	0	0	0	1	0	1	3	5	10	11	0	1	13	14	3	0	1	2	1	0	11	10	3
Turnhouse [Midlothian]																																					
44	3	1009.0	-	10.8	0.9	11.6	89	6.0	0	4	5	14	7	1	0	0	1	0	0	1	2	14	5	8	0	1	11	15	4	0	1	0	1	0	14	11	0
	9	1009.3	-3.0	13.5	2.0	12.1	78	6.9	0	0	5	15	11	0	0	0	0	0	3	0	13	7	8	0	2	16	12	1	2	4	0	0	0	13	9	2	
	15																																				

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS

JULY, 1970

Height of Barometer above M.S.L. in metres	Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)										VISIBILITY (Metres and Kilometres)										WIND SPEED AND DIRECTION										
		At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	MEAN	0	1-2	3-5	6-7	8	9	0-39 m.	40-199 m.	200-399 m.	400-599 m.	1000-1999 m.	2000-3999 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	
																									SPEED IN KNOTS													
																									0-10	11-20	21-30	31-40	41-50									
																									Number of Observations													
6a. SCOTLAND, W. — contd.																																						
Abbotsinch [Renfrew]																																						
9	3	1009.4	-	10.9	0.9	11.7	88	5.7	0	6	4	14	7	0	0	0	1	0	2	4	9	8	7	0	0	11	18	2	0	2	1	0	17	8	0			
	3	1009.8	-2.6	13.3	1.8	12.1	79	7.0	0	0	3	18	10	0	0	0	0	1	3	2	8	7	10	0	0	15	13	3	0	2	1	0	3	8	12	2		
	9	1010.1	-	15.0	2.6	12.5	73	7.1	0	0	3	18	10	0	0	0	0	0	1	6	5	7	12	0	2	19	10	0	1	3	0	0	3	10	12	2		
	15	1010.6	-	12.9	1.4	12.5	83	6.9	0	1	3	18	9	0	0	0	0	0	2	6	9	4	10	0	0	13	16	2	1	2	1	0	3	10	11	1		
	21	1010.6	-	12.9	1.4	12.5	83	6.9	0	1	3	18	9	0	0	0	0	0	2	6	9	4	10	0	0	13	16	2	1	2	1	0	3	10	11	1		
Salsburgh [Lanark]																																						
	9	-	-	11.5	1.3	11.7	86	7.3	0	0	3	10	16	2	0	2	0	0	0	3	5	12	6	3	0	1	19	11	0	0	0	3	0	2	10	12	4	
	15	-	-	13.3	1.8	12.0	80	7.5	0	0	1	9	21	0	0	1	0	0	1	3	4	13	6	3	0	6	15	9	1	1	0	3	0	1	5	17	3	
	21	-	-	11.0	0.7	12.0	91	6.9	0	0	6	17	2	0	0	2	0	1	2	5	8	7	3	3	0	3	13	14	1	3	0	2	0	2	8	14	1	
Prestwick [Ayr]																																						
	3	1009.8	-	11.1	0.7	12.1	91	6.1	0	4	3	14	10	0	0	0	0	0	0	1	5	14	9	2	0	0	11	16	4	2	0	1	2	1	6	8	7	
	9	1010.2	-2.4	13.0	1.5	12.5	82	6.7	0	1	3	18	9	0	0	0	0	0	0	1	4	10	10	6	0	0	18	12	1	0	1	2	0	1	6	12	8	
	15	1010.6	-	14.7	2.2	12.9	77	6.7	0	0	5	15	11	0	0	0	0	0	0	2	4	10	8	7	0	3	15	12	1	0	0	0	1	6	15	8		
	21	1011.0	-	12.6	1.0	12.9	87	6.5	0	1	6	14	10	0	0	0	0	0	1	5	10	9	6	0	2	8	17	4	3	0	1	0	3	7	8	5		
Eskdalemuir [Dumfries]																																						
	3	1010.0	-	9.7	0.6	11.2	91	6.3	0	2	6	9	14	0	0	0	0	2	2	6	3	13	5	0	0	0	7	14	10	0	0	0	1	4	9	5	2	
	9	1009.9	-2.5	12.3	1.5	11.7	81	6.3	0	3	5	10	13	0	0	0	0	2	2	4	7	11	5	0	0	0	16	14	1	2	0	0	1	4	10	10	3	
	15	1010.2	-	14.3	2.3	12.4	75	7.2	0	0	1	17	13	0	0	0	0	0	2	6	5	9	9	0	0	22	9	0	1	1	0	0	9	8	9	3		
	21	1011.1	-	11.6	0.9	12.3	88	6.6	0	2	4	10	15	0	0	0	0	0	3	10	7	6	5	0	0	10	14	7	0	0	0	8	7	5	4			
Mull of Galloway [Wigtown]																																						
	3	1010.7	-	11.0	0.7	12.0	91	5.7	0	4	9	7	7	4	0	1	2	1	0	0	0	4	7	16	0	4	18	8	1	2	0	2	0	7	7	6	6	
	9	1010.8	-	12.2	1.1	12.5	88	6.6	0	0	7	10	9	5	0	3	0	2	0	0	0	4	14	8	0	11	12	6	2	1	0	1	1	9	4	7	6	
	15	1011.5	-	13.5	1.6	12.6	82	6.2	0	1	7	15	7	1	0	0	2	1	0	0	1	4	15	8	0	9	12	9	1	2	0	1	1	12	5	2	7	
	21	1011.6	-	11.8	0.9	12.4	89	5.6	0	1	13	10	5	2	0	1	0	1	0	0	1	4	20	4	0	9	7	13	2	1	0	1	0	10	4	4	9	
6b. ISLE OF MAN																																						
Ronaldsway																																						
	3	1011.6	-	12.1	1.0	12.5	88	5.9	0	5	4	12	9	1	0	0	1	0	0	2	3	5	9	11	0	2	14	15	0	1	0	0	1	5	6	15	3	
	9	1012.3	-1.4	13.4	1.5	12.8	83	6.1	0	4	3	15	9	0	0	0	0	0	5	0	2	6	3	15	0	1	20	10	0	0	0	2	1	4	9	12	3	
	15	1012.5	-	15.0	2.1	13.2	77	6.4	0	1	3	25	2	0	0	0	0	0	0	1	3	5	9	13	0	2	12	17	0	0	0	1	0	10	8	6	6	
	21	1012.8	-	13.2	1.3	13.0	85	6.4	0	1	6	16	8	0	0	0	0	0	0	3	8	11	9	0	1	9	19	2	1	0	0	1	4	5	10	8		
Point of Ayre																																						
	3	1011.2	-	12.1	0.8	12.8	90	6.2	0	2	8	10	11	0	0	0	0	0	0	3	4	13	11	0	4	14	13	0	0	0	0	5	11	8	7			
	9	1011.7	-	14.2	1.7	13.2	82	6.2	0	0	9	15	7	0	0	0	0	0	2	1	6	10	12	0	3	22	6	0	1	0	0	3	1	7	16	3		
	15	1012.0	-	16.3	2.7	13.5	73	6.3	0	0	8	19	4	0	0	0	1	1	0	1	0	2	15	11	0	3	19	9	0	0	1	1	1	1	10	10	7	
	21	1012.2	-	13.2	1.2	13.2	86	6.3	0	0	10	11	10	0	0	0	0	0	0	2	0	4	17	8	0	4	10	14	3	0	1	0	2	3	8	6	8	
2. ENGLAND, N.E.																																						
Acklington [Northumberland]																																						
	3	1009.2	-11.3	14.4	2.0	12.9	78	6.5	1	1	2	20	6	1	0	1	0	0	1	0	3	2	13	11	0	1	7	19	4	0	0	0	1	2	5	14	5	
	9	1009.3	-3.2	14.4	2.0	12.9	78	6.2	0	0	10	13	8	0	0	0	0	1	0	4	2	4	2	18	0	5	14	12	0	4	2	0	2	4	1	14	4	
	15	1009.8	-	15.8	2.8	12.9	71	6.5	0	0	5	21	5	0	0	0	0	0	0	1	4	4	7	15	0	4	16	11	0	4	0	2	5	1	3	13	3	
	21	1010.5	-	12.9	1.3	12.8	85	6.0	0	3	5	16	7	0	0	0	0	0	0	2	2	6	8	13	0	1	8	22	0	4	0	1	1	8	15	1		
Tynemouth [Northumberland]																																						
	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	9	1010.1	-2.9	14.1	2.0	12.8	79	6.4	0	0	8	13	10	0	0	0	0	0	2	2	3	6	18	0	1	1	13	15	1	3	0	0	3	5	3	15	1	
	15	1010.9	-	15.7	2.9	12.6	71	6.5	0	0	6	16	9	0	0	0	0	0	1	3	2	4	21	0	0	5	15	1	2	2	1	2	4	5	12	2		
	21	1011.1	-	14.2	2.1	12.6	78	6.0	0	3	6	14	7	1	0	0	1	0	1	1	4	14	10	0	0	1	13	16	1	1	0	1	1	3	5	16	3	
Seahouses [Northumberland]																																						
	3	1009.2	-11.8	14.4	2.0	12.9	78	6.5	0	0	10	13	8	0	0	0	0	0	1	4	2	4	2	18	0	5	14	12	0	4	2	0	2	4	1	14	4	
	9	1009.3	-13.9	14.4	2.0	12.9	78	6.2	0	0	10	13	8	0	0	0	0	0	1	4	2	4	2	18	0	5	14	12	0	4	2	0	2	4	1	14	4	
	15	1009.9	-	15.3	2.5	13.0	75	6.4	0	1	6	17	7	0	0	0	0	0	0	3	0	7	8	13	0	4	11	16	0	4	1	5	2	2	7	9	1	
	21	1010.4	-	13.1	1.4	12.8	85	6.1	0	3	6	12	10	0	0	0	0	0	0	1	5	9	9	7	0	0	9	21	1	3	0	0	1	5	10	9	2	
Leeming [Yorks. N.Riding]																																						
	3	1010.7	-12.5	14.4	2.0	12.9	78	6.2	0	0	10	13	8	0	0	0	0	0	0	1	4	2	4	2	18	0	5	14	12	0	4	2	0	2	4	1	14	4
	9	1011.0	-2.5	15.6	2.8	12.7	71	6.5	0	2	2	20	7	0	0	0	0	0	0	3	5	6	10	9	0	0	6	22	3	0	0	0	3	6	4	10	5	
	15	1011.2	-	17.4	3.8	12.8	64	6.6	0	2	3	19	7	0	0	0	1	0	0	2	7	4	17	0	1	16	14	0	3	0	1	0	5	7	12	3		
	21	1012.0	-	14.5	2.0	13.0	77	6.4	0	1	5	18	7	0	0	0	0	0	0	2	1	8	7	13	0	0	7	23	1	1	1	1	2	10	10	4		

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS

JULY,

1970

Height of Barometer above M.S.L. in metres	Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Okta)						VISIBILITY (Metres and Kilometres)										WIND SPEED AND DIRECTION													
		At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	MEAN	0	1-2	3-5	6-7	8	9	0-39 m.	40-190 m.	200-390 m.	400-990 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
																									SPEED IN KNOTS												
																									8 or more	6-7	4-5	1-3	Calms								
																									34 or more	22-33	11-21	1-10	0								
Number of Observations																																					
3. ENGLAND, E.—contd.																																					
Honington [Suffolk]																																					
51	3	1013.1	-	12.5	1.1	12.8	87	5.5	1	5	7	10	8	0	0	0	0	0	4	8	17	2	0	0	0	8	19	4	0	0	0	0	5	10	12	0	
	9	1013.5	-1.2	15.5	2.6	13.0	73	6.3	1	2	5	11	12	0	0	0	0	0	1	7	11	8	4	0	1	14	15	1	1	0	0	1	4	9	13	2	
	15	1013.2	-	18.9	4.8	12.4	57	6.2	0	3	2	20	6	0	0	0	0	1	0	2	10	13	5	0	1	17	13	0	2	0	0	1	3	8	14	3	
	21	1014.2	-	15.3	2.3	13.3	75	5.5	0	4	6	20	1	0	0	0	0	0	0	7	10	11	3	0	0	6	23	2	3	0	0	1	6	8	10	1	
Wattisham [Suffolk]																																					
91	3	1013.4	-	11.9	0.6	13.1	93	5.1	0	8	6	11	6	0	0	0	0	1	4	11	9	6	0	0	0	7	22	2	0	0	1	1	4	9	11	3	
	9	1013.8	-	15.6	2.1	14.0	79	6.1	0	5	4	9	13	0	0	0	0	0	1	5	14	9	2	0	2	16	13	0	1	0	0	1	3	12	9	5	
	15	1013.5	-	18.8	4.1	13.6	63	6.1	1	2	3	18	7	0	0	0	0	2	1	11	13	4	0	1	20	10	0	1	0	0	1	3	9	14	3		
	21	1014.5	-	14.9	1.7	13.9	82	5.1	0	6	7	16	2	0	0	0	0	0	0	3	16	12	0	0	0	5	23	3	3	0	0	1	5	9	8	2	
Aldeburgh [Suffolk]																																					
9	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	9	1013.5	-	-	-	-	-	5.9	1	3	6	8	13	0	0	0	0	0	2	11	18	0	0	0	1	8	21	1	1	0	1	1	2	10	12	3	
	15	1013.4	-	-	-	-	-	5.8	2	2	5	13	9	0	0	0	0	0	1	10	20	0	0	0	1	16	14	0	1	0	1	1	1	3	10	4	
	21	1014.0	-	-	-	-	-	5.0	0	10	4	10	7	0	0	0	0	0	2	4	25	0	0	0	0	4	25	2	1	1	1	1	5	6	11	3	
Wyton [Hunts]																																					
43	3	1013.2	-	12.8	1.0	13.2	88	5.4	0	7	5	8	11	0	0	0	0	0	3	15	11	2	0	0	0	5	25	1	1	0	0	0	4	16	9	0	
	9	1013.7	-	15.3	2.1	13.6	78	6.3	0	3	5	12	11	0	0	0	0	0	1	13	12	5	0	0	0	12	19	0	0	0	1	1	2	13	8	6	
	15	1013.5	-	19.1	4.4	13.5	61	6.2	0	3	2	21	5	0	0	0	0	0	0	4	15	12	0	0	2	14	14	1	2	0	0	0	2	11	13	2	
	21	1014.3	-	16.0	2.4	13.9	75	5.2	0	4	10	16	1	0	0	0	0	0	0	5	23	3	0	0	0	3	25	3	1	0	1	1	2	10	10	3	
Cardington [Bedford]																																					
29	3	1013.8	-	12.1	0.7	13.0	91	5.1	1	10	2	8	10	0	0	0	0	2	1	16	10	2	0	0	0	8	22	1	0	0	0	1	2	9	14	4	
	9	1014.2	-1.0	15.7	2.3	13.7	76	6.0	0	5	3	12	11	0	0	0	0	0	0	6	12	13	0	0	1	9	21	0	2	0	1	1	2	6	12	7	
	15	1013.9	-	19.3	4.5	13.4	60	6.0	0	4	3	19	5	0	0	0	0	0	0	1	13	17	0	0	0	15	16	0	0	1	0	1	1	6	15	7	
	21	1014.8	-	15.1	1.9	13.8	80	4.5	0	9	7	12	3	0	0	0	0	0	0	6	17	8	0	0	0	2	29	0	0	0	1	0	4	10	12	4	
Stansted [Essex]																																					
102	3	1013.8	-	12.5	0.9	13.2	89	4.9	4	6	4	8	9	0	0	0	0	0	2	9	16	4	0	0	0	1	23	7	0	0	1	0	4	12	6	1	
	9	1014.2	-1.3	15.5	2.3	13.7	77	6.1	0	3	7	11	10	0	0	0	0	0	1	11	5	11	3	0	0	8	21	2	0	0	0	1	3	9	12	4	
	15	1013.9	-	18.9	4.5	13.0	60	5.8	0	3	8	16	4	0	0	0	0	0	0	1	8	15	7	0	0	12	18	1	0	0	0	1	2	11	12	4	
	21	1014.8	-	15.5	2.3	13.6	76	4.6	1	10	4	14	2	0	0	0	0	0	1	1	14	14	1	0	0	3	24	4	1	0	2	2	3	8	10	1	
Shoeburyness [Essex]																																					
5	3	1014.2	-1.4	16.6	2.5	14.2	74	5.9	0	3	6	13	9	0	0	0	0	0	0	10	7	12	2	0	0	12	19	0	0	0	1	1	7	9	8	5	
	9	1013.9	-	19.5	4.1	14.4	64	6.2	0	2	6	17	6	0	0	0	0	0	0	4	10	10	7	0	0	19	11	1	0	0	1	3	2	10	10	4	
	15	1014.7	-	16.6	2.4	14.4	75	4.8	0	8	7	14	2	0	0	0	0	0	0	9	12	7	3	0	0	11	18	2	0	0	1	0	3	12	10	3	
Walton-on-Naze [Essex]																																					
8	3	1013.6	-	13.7	1.1	13.9	87	5.0	2	7	6	6	10	0	0	0	0	2	12	17	0	0	0	0	0	7	20	4	0	0	0	0	1	3	16	7	
	9	1014.2	-	16.5	2.6	13.9	74	5.5	5	1	6	5	13	1	0	0	1	0	3	10	17	0	0	0	0	10	21	0	0	0	0	1	2	9	12	7	
	15	1014.0	-	18.5	3.5	14.5	68	5.9	2	0	10	10	9	0	0	0	0	0	1	9	21	0	0	0	2	13	16	0	1	0	0	1	0	5	10	6	8
	21	1014.7	-	16.2	2.2	14.3	77	4.8	3	5	7	8	8	0	0	0	0	0	1	10	20	0	0	0	0	9	18	4	2	0	0	1	2	6	12	4	
4. MIDLAND COUNTIES																																					
Huddersfield Oaks [Yorks, W.R.]																																					
235	3	1011.8	-	10.8	0.9	11.5	88	7.1	0	0	3	10	18	0	0	0	0	0	3	20	4	4	0	0	4	12	14	1	1	0	0	0	0	8	18	3	
	9	1012.0	-1.7	13.5	1.6	12.8	82	7.1	0	0	2	15	14	0	0	0	0	0	1	15	8	7	0	0	0	12	19	0	2	0	0	0	3	8	14	4	
	15	1012.3	-	16.6	3.2	13.1	69	6.4	0	2	6	14	9	0	0	0	0	0	0	6	9	14	2	0	0	20	11	0	0	0	0	1	7	19	3		
	21	1013.1	-	12.9	1.3	12.7	84	5.3	1	5	7	10	8	0	0	0	0	1	0	10	9	11	0	0	1	12	16	2	0	0	0	0	0	4	22	3	
Watnall [Nottingham]																																					
119	3	1012.6	-	11.9	0.7	12.8	91	5.9	0	4	7	9	11	0	0	0	0	0	2	16	12	0	1	0	0	3	24	4	0	0	0	0	3	10	13	1	
	9	1013.0	-1.3	14.7	2.1	13.0	77	6.3	0	2	6	14	9	0	0	0	0	1	1	6	16	6	1	0	0	12	19	0	3	0	0	0	4	7	15	2	
	15	1012.9	-	17.8	3.8	13.3	65	6.4	0	7	17	7	0	0	0	0	0	1	1	13	13	3	0	0	0	18	13	0	1	0	0	1	0	8	19	2	
	21	1013.8	-	14.6	1.8	13.5	80	4.9	0	5	11	10	5	0	0	0	0	0	1	9	19	2	0	0	0	2	24	5	0	0	0	0	2	6	16	2	
Finningley [Nottingham]																																					
14	3	1011.6	-	12.8	1.1	13.0	87	5.8	0	4	6	14	7	0	0	0	0	0	0	15	7	9	0	0	0	6	22	3	2	0	0	3	5	10	6	2	
	9	1012.2	-1.7	16.0	2.7	13.2	72	6.5	0	2	2	19	8	0	0	0	0	1	3	9	15	3	0	2	15	14	0	3	0	1	0	3	10	10	4		
	15	1012.0	-	19.0	4.4	13.3	60	6.3	0	2	5	18	6	0	0	0	0	0	4	11	16	0	0	2	19	10	0	1	0	0	1	2	8	17	2		
	21	1012.9	-	15.7	2.4	13.5	75	5.7	0	2	11	13	5	0	0	0	0	0	4	20	7	0	0	0	7	23	1	0	0	1	1	3	8	15	2		
Wittering [Northampton]																																					
67	3	1012.9	-	12.4	1.1	12.7	87	5.4	0	6	6	13	6	0	0	0	0	1	6	16	8	0	0	0	8	22	1	1	0	0	1	3	3	18	4		
	9	1013.2	-1.5	15.7	2.7	12.9	72	5.8	0	6	5	9	11	0	0	0	0	0	3	16	8	4	0	1	16	14	0	2	0	0	1	2	9	13	4		
	15	1013.1	-	19.2	4.9	12.6	57	6.2	0	1	9	15	8	0	0	0	0	0	0	6	22	3	0	0	23	8	0	2	0	0	0	1	6	18	4		
	21	1014.0	-	15.5	2.6	13.1	73	5.1	0	7	6	16	2	0	0	0	0	0	0	16	14	1	0	0	6	25	0	1	1	0	1	3	11	9	5		
Edgbaston [Warwick]																																					

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS

JULY, 1970

Height of Barometer above M.S.L. in metres	Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Metres and Kilometres)										WIND SPEED AND DIRECTION																	
		At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	Mean	0	1-2	3-5	6-7	8	9	0-39 m.	40-100 m.	200-300 m.	400-990 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.			
																									10 or more	11-21	1-10	0												
																													SPEED IN KNOTS											
																													22-33									11-21	1-10	0
Number of Observations																																								
4. MIDLAND COUNTIES — contd.																																								
Little Rissington [Gloucester]																																								
229	3	1014.1	-	11.8	1.0	12.4	88	5.5	1	7	2	11	10	0	0	0	0	0	2	2	7	6	8	6	0	0	9	20	2	0	0	0	0	2	13	8	6			
	9	1014.4	-0.8	14.2	2.1	12.6	77	6.1	0	3	6	15	7	0	0	0	0	0	0	0	8	6	11	0	0	0	18	13	0	2	0	0	1	0	2	12	9	5		
	15	1014.4	-	17.5	4.1	12.4	62	6.2	1	2	3	19	6	0	0	0	0	0	0	0	1	4	10	16	0	0	22	9	0	2	0	0	0	1	9	16	3			
	21	1015.3	-	14.0	1.7	13.0	80	5.1	0	5	12	8	6	0	0	0	0	0	0	8	6	10	6	0	0	6	25	0	3	0	0	0	0	4	9	13	2			
5. ENGLAND, S.E.																																								
Heathrow [Greater London]																																								
26	3	1014.1	-	13.6	1.2	13.6	86	5.1	2	5	5	12	7	0	0	0	0	0	0	0	7	18	6	0	0	1	7	20	3	1	0	0	0	4	10	10	3			
	9	1014.5	-0.9	16.1	2.4	13.8	75	6.0	0	3	8	11	9	0	0	0	0	0	2	4	14	7	4	0	1	10	20	0	0	0	0	2	3	8	11	7				
	15	1014.2	-	20.2	5.0	13.4	57	5.6	0	3	9	17	2	0	0	0	0	0	0	0	5	16	10	0	0	0	20	11	0	1	0	0	0	2	9	14	5			
	21	1015.0	-	16.8	2.8	14.0	72	4.7	0	7	8	12	4	0	0	0	0	0	0	4	13	13	1	0	0	8	22	1	0	0	0	1	5	7	12	5				
Kew [Greater London]																																								
10	9	1015.0	-0.5	16.2	2.7	13.9	75	6.1	1	3	4	12	11	0	0	0	0	0	1	2	6	6	15	1	0	0	4	27	0	0	0	1	0	2	14	10	4			
	15	1014.8	-	19.8	5.4	13.1	57	6.0	0	2	6	20	3	0	0	0	0	0	0	2	2	21	6	0	0	7	24	0	2	0	0	0	0	3	12	11	3			
	21	1015.6	-	16.3	2.9	13.6	73	4.5	0	8	7	14	2	0	0	0	0	0	1	4	7	18	1	0	0	1	26	4	0	0	0	0	0	3	6	13	5			
Gatwick [Surrey]																																								
59	3	1014.8	-	12.0	0.6	13.1	92	5.4	2	4	4	13	7	1	0	1	2	1	1	5	9	9	3	0	0	0	5	19	7	2	0	0	0	3	7	10	2			
	9	1015.2	-	16.1	2.2	14.3	78	6.0	0	5	3	14	9	0	0	0	0	0	4	5	11	8	3	0	1	9	21	0	1	0	0	0	4	12	6	8				
	15	1015.0	-	19.5	4.2	14.2	63	5.8	0	3	8	14	6	0	0	0	0	0	1	1	6	17	6	0	0	16	15	0	2	0	0	0	4	9	12	4				
	21	1015.7	-	14.9	1.4	14.5	84	4.6	0	12	2	14	3	0	0	0	0	0	1	9	14	7	0	0	0	2	29	0	0	0	1	0	4	13	12	1				
Dungeness [Kent]																																								
7	3	1014.5	-	13.7	0.5	14.8	94	4.9	1	9	6	4	10	1	0	0	0	1	0	0	4	6	20	0	0	4	8	19	0	3	0	1	0	5	5	16	1			
	9	1015.3	-	15.8	1.5	15.2	84	5.3	0	7	8	7	9	0	0	0	0	0	0	7	11	13	0	0	3	15	12	1	3	0	0	0	2	5	18	2				
	15	1015.3	-	17.4	1.6	16.7	84	5.5	0	5	8	7	10	1	0	0	0	1	0	2	0	11	16	1	0	10	14	7	0	1	0	1	0	5	4	19	1			
	21	1015.8	-	15.5	0.8	16.1	91	4.6	1	7	11	6	6	0	0	0	0	0	0	4	6	20	1	0	2	15	13	1	1	0	1	0	6	8	14	0				
Deal [Kent]																																								
10	3	1014.3	-	13.8	1.2	13.9	87	5.2	3	5	4	11	8	0	0	0	0	1	0	3	3	11	13	0	0	0	4	21	6	1	0	0	0	1	8	12	3			
	9	1014.9	-	16.6	2.7	13.8	73	5.6	0	7	5	9	10	0	0	0	0	0	2	8	14	6	1	0	0	11	20	0	2	0	1	0	5	10	9	4				
	15	1014.9	-	19.1	3.5	15.1	68	5.8	0	5	4	11	11	0	0	0	0	0	1	6	18	5	1	0	0	19	12	0	1	0	0	2	2	16	6	4				
	21	1015.5	-	15.8	1.9	14.5	80	4.6	2	7	8	8	6	0	0	0	0	0	1	7	16	6	1	0	0	4	26	1	1	0	1	0	4	11	11	2				
Manston [Kent]																																								
15	3	1014.3	-	13.3	1.0	13.6	88	5.0	3	3	7	14	4	0	0	0	0	1	0	2	5	6	15	2	0	0	9	21	1	1	0	1	0	7	4	13	4			
	9	1014.8	-	16.4	2.5	14.1	75	5.2	0	7	8	9	7	0	0	0	0	0	0	3	10	10	8	0	0	15	16	0	1	1	0	1	4	11	6	7				
	15	1014.7	-	19.2	4.0	14.4	65	5.5	0	4	11	9	7	0	0	0	0	0	0	3	5	14	9	0	0	18	13	0	2	1	2	2	2	12	5	5				
	21	1015.4	-	15.3	1.9	14.0	80	4.7	1	6	7	16	1	0	0	0	0	0	0	3	6	16	6	0	0	5	24	2	1	0	1	3	4	13	4	3				
Thorney Island [Sussex]																																								
4	3	1015.4	-	13.3	0.9	13.8	90	4.9	1	6	8	9	7	0	0	0	0	1	0	5	11	10	4	0	0	9	18	4	3	1	1	0	2	4	13	3				
	9	1015.9	-0.1	15.8	1.9	14.6	80	5.8	0	5	4	14	8	0	0	0	0	0	1	6	9	7	8	0	0	16	15	0	0	0	1	1	3	7	13	6				
	15	1016.0	-	18.3	3.3	14.5	69	5.4	0	6	5	19	1	0	0	0	0	0	0	1	5	14	11	0	0	23	8	0	0	0	0	0	5	14	8	4				
	21	1016.5	-	15.9	1.8	14.7	81	4.5	0	10	5	14	2	0	0	0	0	0	0	3	10	12	6	0	0	8	22	1	0	0	1	0	1	6	19	3				
Eastbourne C.G. [Sussex]																																								
7	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Abingdon [Berkshire]																																								
71	3	1014.3	-	12.4	1.0	12.9	88	5.1	2	7	3	12	7	0	0	0	0	0	2	9	8	12	0	0	0	5	23	3	0	0	0	0	4	9	11	4				
	9	1014.5	-1.1	15.7	2.6	13.2	73	6.1	0	3	6	13	9	0	0	0	0	0	1	7	10	9	4	0	0	9	22	0	1	0	1	0	5	10	9	5				
	15	1014.4	-	19.4	5.0	12.6	56	6.1	1	1	7	16	6	0	0	0	0	0	0	1	8	11	11	0	0	19	12	0	0	0	0	0	3	10	12	6				
	21	1015.4	-	15.3	2.2	13.5	77	4.8	0	6	11	11	3	0	0	0	0	0	0	4	14	10	3	0	0	1	30	0	0	0	0	0	1	5	9	12	4			
Hurn [Hampshire]																																								
14	3	1015.4	-	12.2	0.9	13.0	90	5.4	2	6	3	9	10	1	0	0	1	0	0	3	3	14	9	1	0	0	7	20	4	1	0	0	2	3	7	10	4			
	9	1015.7	-0.2	16.1	2.3	14.1	76	5.8	0	4	8	10	9	0	0	0	0	0	1	7	4	15	4	0	0	14	17	0	2	0	0	2	4	10	8	5				
	15	1015.9	-	18.9	4.0	13.9	64	5.5	1	2	8	18	2	0	0	0	0	0	1	0	8	11	11	0	0	22	9	0	1	0	0	1	4	13	8	4				
	21	1016.5	-	15.1	1.8	13.9	80	3.6	1	14	7	6	3	0	0	0	0	0	1	3	12	10	5	0	0	6	25	0	0	0	0	2	3	9	12	5				
S. Farnborough [Hampshire]																																								
70	3	1014.8	-	12.5	0.8	13.2	90	4.8	3	8	4	5	11	0	0	0	0	0	0	6	12	13	0	0	0	7	19	5	0	0	0	0	0	5	17	4				
	9	1015.1	-0.6	16.0	2.2	14.1	77	6.0	0	4	4	14	9	0	0	0	0	0	1	1	6	9	14	0	0	17	13	1	0	0	0	1	3	9	9	8				
	15	1014.9	-	19.7	4.4	14.1	61	5.9	0	2	6	22	1	0	0	0	0	0	0	0	4	7	20	0	0	20	11	0	2	0	0	0	0	1	9	13	6			
Lynham [Wiltshire]																																								
149	3	1014.6	-	12.1	0.6	13.2	92	5.9	0	5	5	9	11	1	0	1	0	1	1	11	6	9	2	0	0	9	21	1	0	0	0	0	6	12	8	4				
	9	1014.8	-0.8	14.8	1.8	13.8	81	6.1	0	3	6	14	8	0	0	0	0	1	0	6	8	5	11	0	0	14	17	0	2	0	1									

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS

JULY.

1970

Height of Barometer above M.S.L. in metres	Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktaa)						VISIBILITY (Metres and Kilometres)										WIND SPEED AND DIRECTION													
		At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	MEAN	0	1-2	3-5	6-7	8	9	0-39 m.	40-190 m.	200-390 m.	400-590 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
																									SPEED IN KNOTS												
																									8 or more	6-7	4-5	1-3	Calm								
																									24 or more	22-33	11-21	1-10	0								
Number of Observations																																					
7a ENGLAND, N.W.																																					
Ringway [Cheshire]																																					
84	3	1012.3	-	12.4	0.9	12.9	89	6.4	0	2	5	16	8	0	0	0	0	0	0	4	11	12	4	0	0	0	3	27	1	1	0	0	1	14	2	9	3
	9	1012.9	-1.1	14.2	1.9	12.9	79	6.9	0	1	3	13	14	0	0	0	0	0	0	4	11	10	6	0	0	0	13	18	0	1	0	0	0	7	5	13	5
	15	1013.0	-	17.0	3.4	13.1	67	6.1	0	0	9	19	3	0	0	0	0	0	0	1	5	9	13	3	0	0	21	10	0	0	0	0	1	9	13	8	
	21	1013.6	-	14.6	1.9	13.2	79	6.2	0	1	7	18	5	0	0	0	0	0	0	5	21	5	0	0	0	5	22	4	0	0	0	0	1	7	8	9	2
7b NORTH WALES																																					
Valley [Anglesey]																																					
11	3	1012.9	-	12.5	0.8	13.3	91	6.3	0	1	8	10	12	0	0	0	1	0	1	4	8	15	2	0	9	15	7	0	1	0	0	0	8	6	11	5	
	9	1013.5	-0.6	14.0	1.4	13.6	85	6.5	0	1	6	17	6	1	0	0	1	0	2	3	8	10	7	0	9	17	5	0	1	0	0	0	9	8	7	6	
	15	1013.9	-	15.8	2.1	14.2	79	6.2	0	2	5	21	3	0	0	0	2	0	1	9	4	15	0	11	15	5	0	1	0	0	0	14	10	3	3		
	21	1014.0	-	13.6	0.9	14.0	90	6.5	0	1	6	13	11	0	0	0	1	0	1	3	8	14	4	0	9	16	6	0	1	0	0	1	8	13	4	4	
Bardsey Island [Caernarvon]																																					
19	3	1013.5	-	12.6	0.5	13.7	93	6.3	0	3	6	7	13	2	0	0	2	0	0	5	14	7	3	0	4	11	13	3	3	0	0	0	3	6	10	6	
	9	1013.9	-	13.2	0.8	13.9	91	6.5	0	1	4	19	7	0	0	0	1	1	1	1	11	10	6	0	3	13	13	2	4	0	1	1	2	10	8	3	
	15	1014.3	-	14.7	1.1	14.7	87	6.0	0	1	10	14	6	0	0	0	1	0	1	1	5	13	10	0	1	17	12	1	3	0	0	0	7	10	7	3	
	21	1014.4	-	13.3	0.7	14.1	92	6.7	0	0	6	14	9	2	0	0	2	0	0	3	6	14	6	0	2	18	9	2	2	0	0	0	6	12	5	4	
8a SOUTH WALES																																					
Aberporth [Cardigan]																																					
134	3	1014.1	-	12.1	0.8	12.8	90	5.9	1	3	6	10	11	0	0	0	1	0	1	8	8	9	4	0	2	21	8	0	6	1	0	0	4	5	11	4	
	9	1014.6	-0.2	13.7	1.4	13.3	85	6.5	0	3	2	17	8	1	0	2	1	0	2	2	8	9	6	0	2	22	7	0	4	2	0	0	1	6	10	8	
	15	1015.1	-	15.3	2.1	13.5	77	6.0	0	3	4	19	5	0	0	0	0	2	0	2	6	9	12	0	0	23	8	0	3	1	0	0	0	9	10	8	
	21	1015.2	-	13.1	0.9	13.6	89	5.9	0	6	3	12	9	1	0	1	0	0	1	4	14	6	5	0	1	22	7	1	2	0	0	0	4	10	9	5	
Milford Haven C.B. [Pembroke]																																					
39	3	1014.9	-	13.0	0.7	13.7	91	5.6	1	3	9	5	12	1	0	0	1	0	1	9	12	8	0	0	0	12	17	2	2	0	0	0	4	6	8	9	
	9	1015.4	+0.1	14.6	1.3	14.2	85	6.2	1	1	5	14	8	2	0	1	1	0	0	9	12	8	0	0	0	10	19	2	1	0	0	0	3	11	6	8	
	15	1016.0	-	16.0	2.0	14.5	79	6.1	0	2	8	10	10	1	0	0	1	0	0	9	10	11	0	0	0	23	7	1	1	0	0	0	4	17	4	4	
	21	1015.8	-	13.9	1.0	14.2	89	5.8	0	4	7	8	10	2	0	1	1	0	1	1	6	14	7	0	0	0	14	14	3	1	0	0	0	5	9	10	3
Brynamman [Carmarthen]																																					
	9	-	-	13.5	0.9	13.9	89	6.9	1	0	3	13	13	1	0	0	1	0	5	1	8	6	10	0	0	0	6	21	4	0	0	0	0	3	3	10	11
	15	-	-	15.7	1.8	14.7	82	6.8	0	1	3	16	10	1	0	0	1	1	0	1	5	4	13	6	0	0	8	23	0	0	0	0	0	3	3	15	10
	21	-	-	13.2	0.7	14.1	92	6.3	0	5	1	12	11	2	0	0	3	1	4	4	2	14	3	0	0	0	1	25	5	0	1	0	1	0	5	11	8
Mumbles [Glamorgan]																																					
37	3	1014.4	-	13.4	0.9	13.8	89	6.3	0	0	10	7	13	1	0	0	1	1	0	3	7	16	3	0	1	12	16	2	2	1	0	0	2	4	17	3	
	9	1014.8	-	14.6	1.5	14.1	84	6.5	1	0	5	12	12	1	0	0	1	0	2	1	4	9	12	2	0	4	14	12	1	3	0	0	0	2	4	15	6
	15	1015.5	-	15.8	2.1	14.1	78	6.3	0	1	9	10	11	0	0	0	1	2	0	2	5	13	8	0	5	17	8	1	2	0	0	0	0	6	19	3	
	21	1015.6	-	14.4	1.3	14.1	85	6.2	0	1	9	9	10	2	0	0	1	1	2	0	4	15	4	0	0	16	13	2	1	0	0	1	0	7	17	3	
Rhoose [Glamorgan]																																					
69	3	1014.6	-	12.8	0.7	13.7	92	6.5	0	3	3	11	13	1	0	0	1	0	4	5	5	11	5	0	1	13	13	4	0	0	0	2	3	20	2		
	9	1015.1	-0.5	14.9	1.7	14.0	82	6.1	0	4	4	16	7	0	0	0	0	1	2	5	6	8	9	0	2	18	11	0	0	1	0	1	2	4	19	4	
	15	1015.5	-	17.0	2.6	14.6	75	5.5	0	6	4	15	6	0	0	0	0	1	3	2	5	20	0	1	21	9	0	0	0	0	1	2	3	24	1		
	21	1016.0	-	13.8	1.1	14.0	88	6.1	0	5	4	10	11	1	0	0	1	0	2	6	5	4	11	0	0	12	18	1	0	0	1	0	1	1	24	3	
8b ENGLAND, S.W.																																					
Yeovilton [Somerset]																																					
23	3	1015.4	-	12.8	1.1	13.0	87	5.6	0	5	8	7	11	0	0	0	0	1	2	10	15	3	0	0	0	7	14	10	0	0	0	1	5	6	4	5	
	9	1015.7	-	16.2	2.6	13.6	73	5.8	0	2	9	12	8	0	0	0	0	0	12	12	7	0	0	3	15	12	1	1	0	1	1	3	5	13	6		
	15	1015.9	-	19.0	4.3	13.5	61	5.4	1	1	13	14	2	0	0	0	0	1	2	11	17	0	0	3	21	7	0	1	0	0	0	7	3	11	9		
	21	1016.4	-	15.3	2.1	13.7	78	4.7	0	9	8	11	3	0	0	0	0	1	0	4	12	14	0	0	0	6	20	5	1	0	0	2	4	2	13	4	
Portland Bill [Dorset]																																					
54	3	1015.4	-	13.6	0.5	14.6	93	5.4	1	7	4	7	8	4	0	1	1	2	0	5	12	10	0	0	3	15	11	2	2	0	1	0	2	4	9	11	
	9	1015.9	-	14.6	0.9	15.0	90	5.5	0	5	10	5	9	2	0	2	0	1	0	2	6	5	14	1	0	6	12	13	0	0	0	2	0	1	2	15	11
	15	1016.4	-	16.5	1.5	15.9	85	4.7	1	4	14	8	3	1	0	1	0	0	0	9	5	15	1	0	3	14	14	0	0	0	1	0	1	8	18	3	
	21	1016.3	-	14.6	0.8	15.2	92	4.4	0	10	10	7	3	1	0	1	0	0	0	1	6	9	13	1	0	4	18	9	0	1	0	1	0	1	4	13	11
Hartland Point [Devon]																																					
93	3	1014.5	-	13.7	1.0	14.0	89	6.2	0	3	5	14	4	5	0	4	0	1	0	1	6	16	2	0	1	20	9	1	3	0	1	0	3	2	15	6	
	9	1015.3	-	14.2	1.2	14.1	87	6.3	0	1	8	12	7	3	1	2	0	1	1	0	2	6	15	3	0	2	14	14	1	3	2	0	0	0	4	15	6
	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	21	1015.7	-	14.1	0.9	14.5	90	6.3	0	1	9	9	9	3	0	2	1	1	0	1	5	5	9	7	0	4	19	8	0	0	1	0	0	2	4	17	7
Mount Batten [Devon]																																					
30	3	1016.2	-	13.3	0.6	14.2	93	5.8	2	3	4	12	9	1	0	0	1	1	0	2	6	15	5	1	0	1	10	15	5	2	0	0	0	2	4	14	4
	9	1016.7	+0.3	15.2	1.4	14.7	85	5.9	0	3	8	13	7	0	0	0	0	3	2	4	7	9	7	0	1	12	18	0	2	0	1	1	2	9	8	8	
	15	1017.1	-	16.9	2.3	14.9	77	5.6	0	5	6	16	4	0	0	0	1	0	0	3	4	9	14	0	2	16	13	0	3	0	0	0	1	13	8	6	
	21	1017.5	-	14.6	1.2	14.5	87	5.4	0	9	4	9	9	0	0	0	0	1	1	3																	

TABLE IV

—SUMMARY OF OBSERVATIONS AT FIXED HOURS

JULY,

1970

Height of Barometer above M.S.L. in metres	Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)						VISIBILITY (Metres and Kilometres)								WIND SPEED AND DIRECTION															
		At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	MEAN	0	1-2	3-5	6-7	8	9	0-19 m.	40-190 m.	200-390 m.	400-590 m.	1000-1900 m.	2000-3900 m.	4-9 km	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
																									8 or more												
																									6, 7												
																									4, 5												
3																																					
2																																					
1																																					
0																																					
Number of Observations																																					
9 NORTHERN IRELAND - contd.																																					
Aldergrove [Antrim]																																					
73	3	-	-	11.4	0.9	12.1	89	6.7	0	2	2	15	12	0	0	0	0	0	2	7	13	9	0	0	0	12	18	1	0	1	2	1	1	10	9	6	
	9	1011.8	-1.5	13.7	1.7	12.7	81	7.0	0	0	1	26	4	0	0	0	0	0	1	3	7	14	6	0	0	16	14	1	3	0	1	0	2	12	7	5	
	15	1012.0	-	15.8	2.7	13.2	72	7.3	0	0	0	21	10	0	0	0	0	0	0	1	10	10	10	0	1	18	12	0	1	0	0	1	2	7	12	8	
	21	1012.7	-	13.2	1.6	12.6	82	6.7	0	1	2	22	6	0	0	0	0	1	0	3	10	10	7	0	0	11	20	0	3	0	1	1	3	6	7	10	
Black Mountain [Antrim]																																					
-	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Kilkeel [Down]																																					
20	9	1012.2	-1.4	13.9	1.9	12.6	79	6.7	0	0	4	20	7	0	0	0	0	0	0	4	4	10	13	0	0	17	11	3	2	0	1	0	5	6	9	5	
	15	1012.4	-	15.9	2.8	12.9	72	6.9	0	0	2	26	2	1	0	0	0	1	0	0	1	5	12	12	0	5	16	7	3	3	0	0	1	5	6	10	3
	21	1012.7	-	13.9	1.8	12.9	81	6.6	0	0	4	21	6	0	0	0	0	0	0	4	4	18	5	0	2	12	12	5	4	0	1	0	2	4	11	4	
Killough [Down]																																					
	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Carrigans [Tyrone]																																					
112	9	1011.6	-	12.7	1.1	12.8	86	6.8	0	0	7	11	13	0	0	0	0	0	0	6	14	4	7	0	0	15	13	3	3	0	1	0	3	5	8	8	
	15	1011.9	-	15.1	2.2	13.3	77	6.8	0	0	3	19	9	0	0	0	0	0	0	8	8	15	0	0	22	7	2	8	0	1	0	2	4	10	4		
	21	1012.4	-	12.3	1.1	12.5	86	5.6	0	3	10	12	6	0	0	0	0	1	5	6	10	9	0	0	9	17	5	8	0	1	0	1	3	9	4		
CHANNEL ISLANDS																																					
Guernsey																																					
110	3	1017.2	-	13.3	0.6	14.2	93	5.2	2	7	3	8	10	1	0	1	3	1	1	2	0	6	8	9	0	1	17	13	0	1	0	0	3	2	6	12	7
	9	1017.7	-	14.5	1.2	14.4	87	6.0	0	2	8	13	8	0	0	1	0	2	1	0	4	5	6	12	0	0	20	9	2	1	0	0	1	4	6	11	6
	15	1018.1	-	16.1	2.0	14.6	80	4.9	0	9	5	11	6	0	0	1	1	0	0	1	4	6	7	11	0	1	22	8	0	0	0	2	5	16	6		
	21	1018.3	-	13.6	0.7	14.3	91	4.1	5	9	4	7	6	0	0	1	3	1	0	0	3	6	5	12	0	1	11	17	2	0	0	2	0	2	2	20	3

TABLE VIII—NUMBER OF DAYS IN JULY, 1970
WITH MAXIMUM AND MINIMUM TEMPERATURES between given limits.

STATION		MAXIMUM TEMPERATURE °C.							MINIMUM TEMPERATURE °C.							STATION		MAXIMUM TEMPERATURE °C.							MINIMUM TEMPERATURE °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
Lerwick		0	0	0	31	0	0	0	0	0	0	0	0	27	4	0	Edgbaston	0	0	0	4	17	9	0	1	0	0	0	0	0	8	21	2
Stornoway		0	0	0	27	4	0	0	0	0	0	0	2	23	6	0	Kew (Psychrometer) ..	0	0	0	0	15	12	3	1	0	0	0	0	1	7	18	5
Craibstone		0	0	0	14	16	1	0	0	0	0	0	2	22	7	0	Hastings	0	0	0	0	27	3	1	0	0	0	0	0	0	6	23	2
Rothsay		0	0	0	16	15	0	0	0	0	0	0	0	20	11	0	Southampton	0	0	0	0	17	13	1	0	0	0	0	0	0	4	23	4
Abbotsinch		0	0	0	3	26	2	0	0	0	0	0	1	17	13	0	Stonyhurst	0	0	0	10	19	1	1	0	0	0	0	0	12	18	1	
Eskdalemuir		0	0	0	11	18	2	0	0	0	0	0	4	13	14	0	Bidston	0	0	0	6	19	5	1	0	0	0	0	0	4	26	1	
Douglas		0	0	0	12	18	1	0	0	0	0	0	0	16	15	0	Valley	0	0	0	1	29	0	1	0	0	0	0	0	3	28	0	
Acklington		0	0	0	5	21	4	1	0	0	0	0	3	12	15	1	Falmouth	0	0	0	0	28	3	0	0	0	0	0	0	4	27	0	
Gorleston		0	0	0	2	21	6	2	0	0	0	0	0	4	23	4	Aldergrove	0	0	0	6	22	3	0	0	0	0	0	0	16	15	0	
Cambridge		0	0	0	0	16	12	2	1	0	0	0	1	8	20	2	Armagh	0	0	0	3	20	8	0	0	0	0	0	1	15	15	0	
																	Kew (North Wall Screen)	0	0	0	0	13	14	3	1	0	0	0	0	2	20	9	

TABLE XIII—SOLAR RADIATION AND ILLUMINATION.

JULY,

1970

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	793	10	135	30	424.6	31	390	6	125	9	280.1	31	962	10	190	30	527.5	31
Eskdalemuir	586	17	120	12	342.3	31	332	17	117	12	241.0	31	715	17	160	12	413.5	31
Cambridge	713	12	172	4	411.0	27	369	17	171	4	266.8	27	-	-	-	-	-	-
London/W. Centre ..	762	12	153	28	422.3	31	337	17	144	28	233.2	31	882	13	209	28	507.3	31
Kew	760	13	177	19	441.1	31	371	17	166	19	245.1	31	993	12	253	19	586.8	31
Bracknell	774	13	194	26	421.1	31	340	18	165	30	249.9	31	871	13	234	26	485.5	31
Aberporth	829	11	127	27	469.5	31	403	16	126	27	278.8	31	-	-	-	-	-	-
Aldergrove	652	22	175	6	362.6	31	352	5	175	6	280.2	29	-	-	-	-	-	-
Jersey Airport	790	15	69	19	514.1	31	449	17	62	19	271.0	31	881	15	85	19	581.7	31

TABLE II—ADDITIONS July 1970

DISTRICT COUNTY AND PLACE			HEIGHT OF VANE IN METRES			DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED								Mean Hourly Wind Speed in knots	HIGHEST VELOCITIES						
			Above Mean Sea Level	Above ground	Effective Height	34 Knots or more (Gale force)		22 to 33 knots		11 to 21 knots	4 to 10 knots	Less than 4 knots	No Record		HIGHEST HOURLY WIND			HIGHEST GUST			
						Dates of Occurrence	Duration (hr)	No. of days	Duration in Hours				Veer from N		Speed in knots	Hour ended at day hour	Veer from N	Speed in knots	Day and Time		
0	Inverness	Dalcross	19	10	10	-	0	5	14	318	304	108	0	9.8	230	30	30 17	230	51	30	2130
4	Notts	Watnall	130	13	10	-	0	0	0	188	485	71	0	8.2	270	18	25 08	270	34	25	0950
7b	Merioneth	Trawsfynydd	194	10	10	-	0	2	2	301	357	84	0	9.2	230	25	23 13	220	42	23	1215
8	Pembroke	RAE Aberporth	144	10	10	-	0	6	41	512	162	29	0	13.4	300	30	2 08	300	42	2	0810
9	Londonderry	Coleraine Univ.	23	10	10	-	0	1	5	357	255	127	0	10.3	330	22	14 15	340	40	14	1750

TABLE III—ADDITIONS AND CORRECTIONS

YEAR	MONTH	STATION	Max. Terminal hr. GMT Min. of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days												BRIGHT SUNSHINE			
					MEANS OF		Daily Mean (mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1916-50 average	MOST IN A DAY		Precip'n		Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average
					Max. (A)	Min. (B)			Maximum	Date	Minimum	Date	Amount (mm)	Date			0.2 mm or more	1.0 mm or more														
1961	April	Ballyhalbert			10.7		8.0												2													
1962	February	Southgate																														
	March	Mansfield																														
	September	Moreton Morrell																	9													
	December	Southgate																														
	Annual	Mansfield																														
		Southgate																	21													
1963	January	Kensington Palace																														
	February	Ballyhalbert			4.5		2.5																									
	March	Sidmouth																														
	July	Nottingham				11.1																										
	August	Garston																														
		Sutton Bonington																														
	September	Belper			17.7																											
		Nottingham				9.1	13.3	-0.9																								
	October	Church Stretton																														
		Newton Abbot			14.8																											
	Annual	Kensington Palace																														
		Eastwick Lodge																														
1964	February	Southgate																														
	March	Cannington																														
	April	Penzance					9.1	-0.8																								
	May	Cannington																														
		Littlehampton						+0.9																								
	June	Alice Holt Lodge																														
	July	Littlehampton			20.6		16.8	+0.2																								
	August	Lacock					16.1																									
	Annual	Kensington Palace			14.2																											
		Southgate																														
1965	January	Wye																	7													
	June	Lowestoft																														
		Luton											13.9																			
		Kensington Palace																														
		Leckford																														
	July	Goudhurst			18.4																											
		Shinfield				10.6																										
	August	Earls Colne			20.7		15.5																									
		Luton																														
	September	Burlingham																														
		Luton																														
	October	Southgate			15.8	7.3	11.5																									
		Luton																														
		Bodiam				5.7	10.7																									
		Everton				8.3	12.3																									
		Letcombe Regis				6.3																										
	December	Southgate			8.2	2.1	5.1																									
		St. James Park				2.9	5.8	0.0																								
		Wisley			8.5																											
		Wye				1.5	4.7	+0.1																								
	Annual	Burlingham																														
		Luton																														
		Leckford																														
		Southgate			13.3	5.9	9.6																									
		Earls Colne			13.3		9.2																									
1970	February	Ampleforth																														
		Mount Batten																														
	May	John O'Groats																														

Monthly Weather Report

OF THE METEOROLOGICAL OFFICE

Summary of observations compiled from returns of official stations and voluntary observers.



Volume 87 Number 8.

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August 1970 — *Warm spells but cool and wet during the third week*

High pressure dominated the weather over the British Isles during the first 10 days of the month and again for most of the last week but weak troughs of low pressure affected some areas at times during these periods. Low pressure was persistent in all districts from the 12th to 22nd and, on the 16th, a deep depression crossed the country from the south-west.

Weather — The first fortnight was warm in many areas but there were local thunderstorms; during the last week warm weather returned and it was mostly dry. The period 14th to 22nd was very cool and the weather was often stormy. Flooding was reported from widely separated areas, including Northern Ireland (particularly around Belfast) on the 16th and the west Midlands (including Birmingham) on the 20th. The most severe flooding occurred in east Scotland as the result of very heavy and frequent rain from the 16th to 21st. The Rivers Lossie, Spey and Findhorn over flowed and flood-water caused damage in the towns of Forbes and Elgin. The counties of Moray and Nairn were most affected and many acres of crops ready for harvesting were destroyed and livestock perished. The cost of removing silt and debris from fields alone was estimated to be £300,000.

Wind — Strong winds with gales in places occurred in most districts from the 15th to 17th. Especially strong winds were widespread on the 16th when slight damage was reported from many areas and small craft were often in difficulties in rough coastal waters. On the 16th, Valley (Anglesey) recorded both its highest hourly mean wind speed (44 kt) and its highest gust (61 kt) in August since records began in 1952; these values represent the highest wind speeds recorded in Anglesey in August since at least 1912 although the gust speed was equalled in 1923.

Temperature — Monthly mean temperature was within 1 degC of average in all districts. During the first week temperatures exceeded 25°C at times in areas as far north as Sutherland but places near the North Sea coast were much cooler. It was very warm again at times during the last 10 days, particularly in England and Wales but, once more, eastern areas were cooler. Maximum temperatures recorded included: 28.9°C at Santon Downham (Norfolk) and Usk (Monmouthshire) on the 3rd; 27.2°C in a few places in north and west Scotland around the 5th; 26.1°C at Greenmount (Co. Antrim) on the 5th.

The third week was cooler than average. On the morning of the 18th the air temperature at Winfrith (Dorset) fell to 0.6°C and slight ground frost occurred widely in southern England. Apart from upland stations, other minima were: 1.7°C at Wauchope (Roxburghshire) on the 11th; 2.2°C at Corwen (Merioneth) and at Lisnafillan (Co. Antrim) on the 18th.

Rainfall — Taking a general view, rainfall was about average but there were wide variations in places. For example, whereas over twice the average rainfall occurred in parts of east Scotland and the west Midlands, less than half the average fell in parts of south Scotland and east England.

Severe thunderstorms in the Midlands and southern England on the evenings of the 7th and 8th produced some intense rainfalls leading to local flooding. On the 7th, about 65 mm of rain occurred at Harwell (Berkshire) in 81 minutes; this constitutes a 'very rare' rainfall which is expected to occur, on average, at any one place on only 1 day in 160 years or more. The outstanding feature of the

month was heavy and widespread rainstorms which occurred during the period 15th to 21st and resulted in flooding in many areas. Very heavy rain fell in most parts of the country on the 15th and 16th, more especially in the north, and persisted in east Scotland on the 17th. In the 24 hours ending 0900 GMT on the 16th nearly 118 mm of rain fell at Kilroot (Co. Antrim), and Armagh Observatory recorded its highest 'daily' rainfall (78 mm) since records began in 1840. During the next 24-hour period 'daily' falls in excess of 80 mm occurred in the counties of Nairn and Moray; these falls included nearly 98 mm at Lochindor Lodge (Moray) where the total rainfall during the period 0900 GMT on the 16th to 0900 GMT on the 18th amounted to 152 mm. More heavy rain fell in most areas on the 19th and 20th; 'daily' falls on the 19th included nearly 98 mm at Timberscombe (Somerset) and 97 mm in Birmingham. This heavy rain, associated with a slow-moving depression, renewed floods in north-east Scotland but the last week of the month was mostly dry everywhere.

Local thunderstorms occurred in a number of places during the first week, especially in England and Wales. They were reported again widely around the 21st and a girl died on the 22nd after being struck by lightning near Birmingham.

Sunshine — Monthly sunshine amounts were near average in most districts. Notable exceptions occurred in parts of Scotland where, in the south, sunshine was above average but, in the north, it was dull and Lerwick recorded its lowest August sunshine total since 1942. It was also dull in parts of the West Country.

Fog — Fog affected many coasts, mainly in the east, during the first week, fog patches persisted all day in some coastal places and fog occasionally spread inland at night, notably on the 4th and 5th. Fog also occurred in most areas at times during the last 7 days.

Miscellaneous Phenomena — A waterspout was seen in the Thames estuary near Sheerness on the 22nd and a well-developed dust whirl occurred at Swyddffynnon (Cardiganshire) on the 28th.

TABLE I—DISTRICT VALUES, August 1970

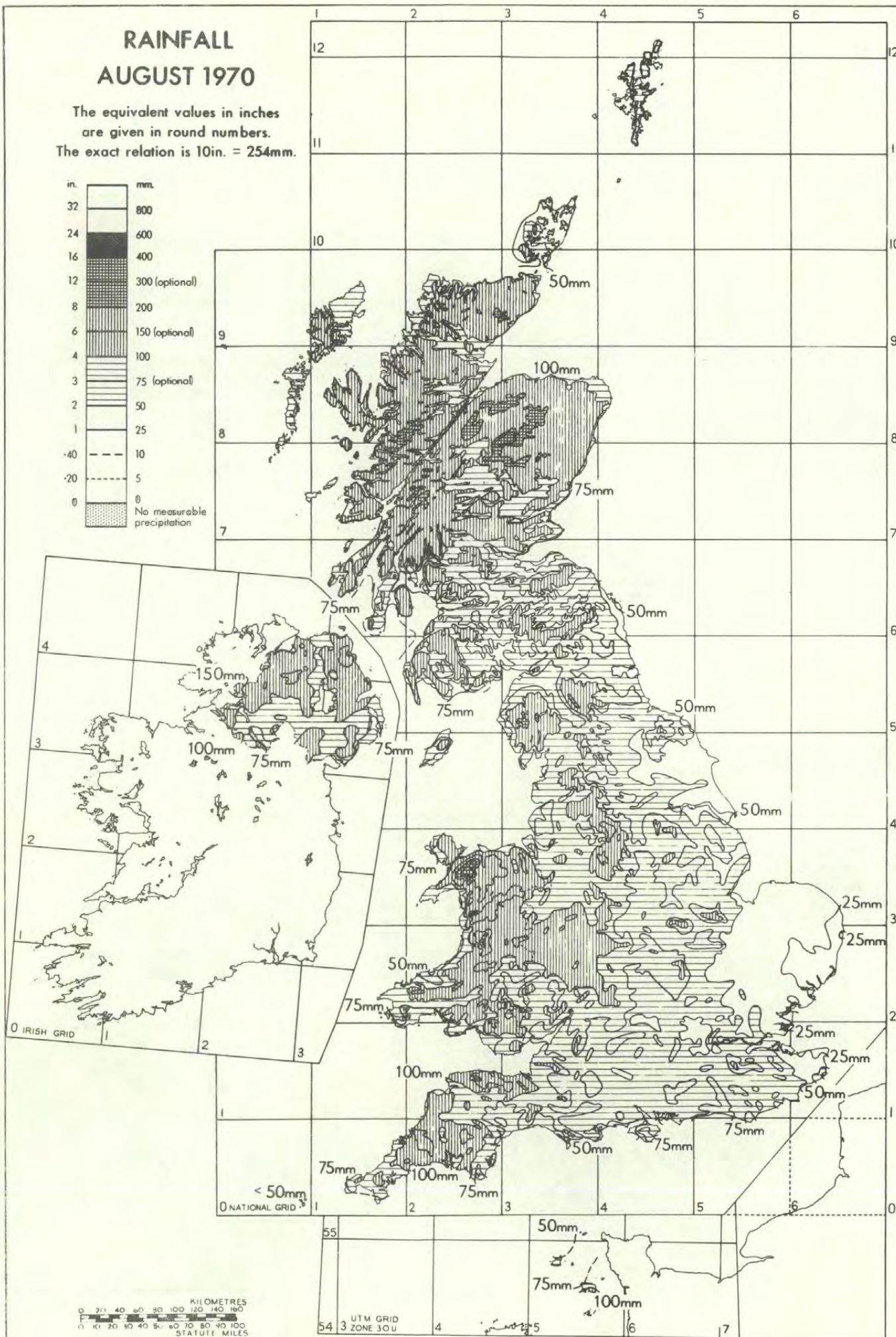
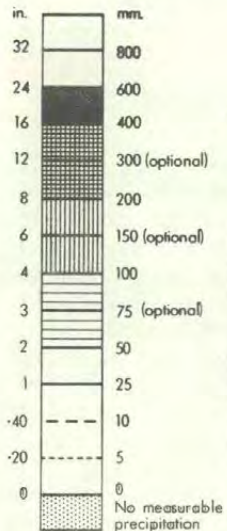
DISTRICTS	AIR TEMPERATURE °C					EARTH TEMP. °C		RAIN DAYS	RAIN-FALL	SUN-SHINE
	*Highest Max.	*Lowest Min.	Max.	Min.	Mean	Mean 30 cm.	Mean 122 cm			
	Difference from Average									
0 SCOTLAND, N.	26.7	4.0	+0.2	+0.2	+0.2	+0.6	-0.1	-5	105	83
1 SCOTLAND, E.	26.1	5.0	-0.1	+0.5	+0.2	+0.1	-0.1	-3	119	89
2 ENGLAND, N.E.	26.1	3.9	-0.2	+0.3	+0.1	+0.5	+0.2	-5	80	107
3 ENGLAND, E.	28.3	4.4	-0.4	-0.2	-0.3	-0.2	0.0	-3	73	102
4 MIDLANDS	27.8	5.0	-0.2	+0.2	0.0	0.0	+0.1	-3	110	107
5 ENGLAND, S.E.	27.6	3.0	-0.3	+0.1	-0.1	-0.6	-0.7	-1	101	99
6 SCOTLAND, W.	26.6	2.8	+0.5	+0.4	+0.5	+0.1	-0.2	-6	69	113
7 ENGLAND, N.W and N.Wales	26.8	5.0	+0.7	+0.2	+0.4	0.0	-0.3	-7	102	107
8 ENGLAND, S.W. and S.Wales	27.8	5.6	-0.4	-0.1	-0.2	-0.2	+0.1	-2	105	89
N.IRELAND	25.1	2.4	+0.8	-0.4	+0.2	--	--	-9	107	109
SCOTLAND	26.7	2.8	+0.1	+0.3	+0.3	--	--	-4	95	92
ENG. and WALES	28.3	3.0	-0.1	+0.1	0.0	--	--	-3	99	102

*Highest Max. and Lowest Min. of the District Value Stations.

FH3A

RAINFALL AUGUST 1970

The equivalent values in inches
are given in round numbers.
The exact relation is 10in. = 254mm.



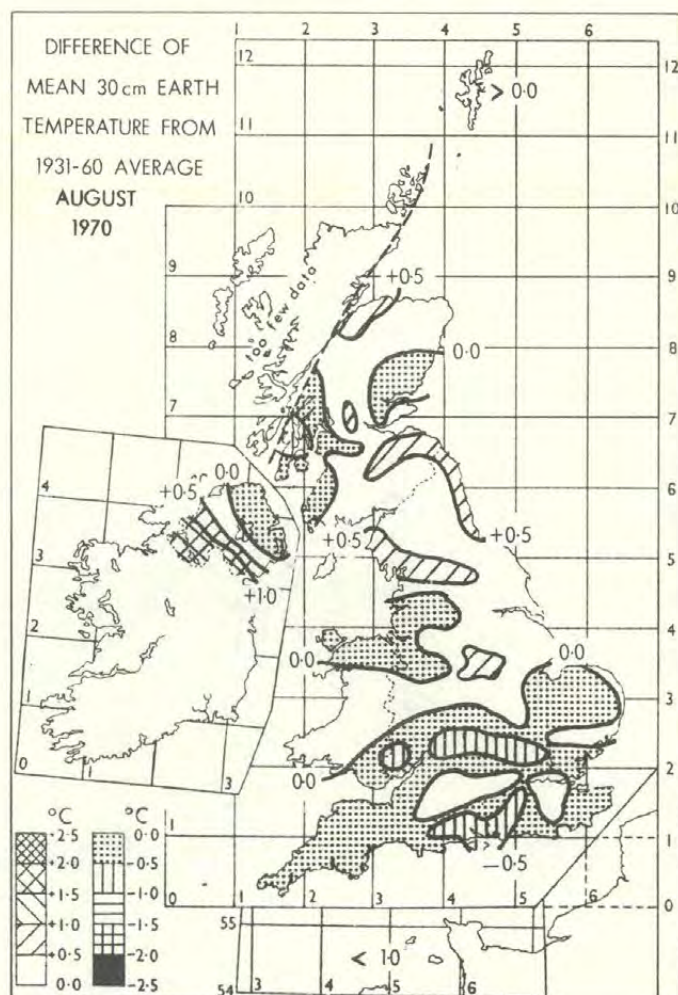
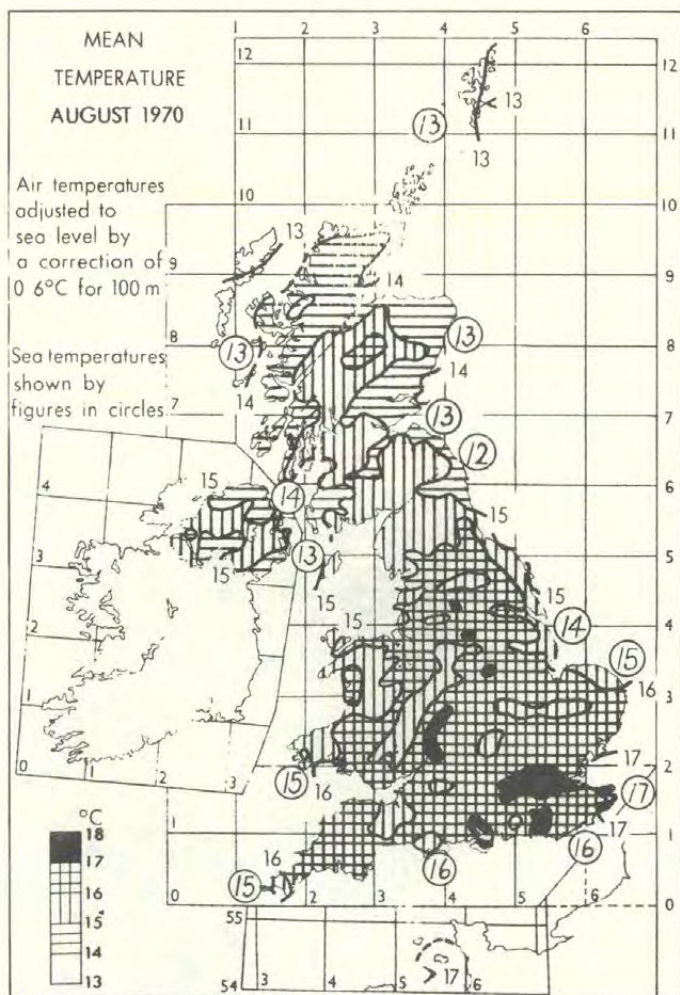
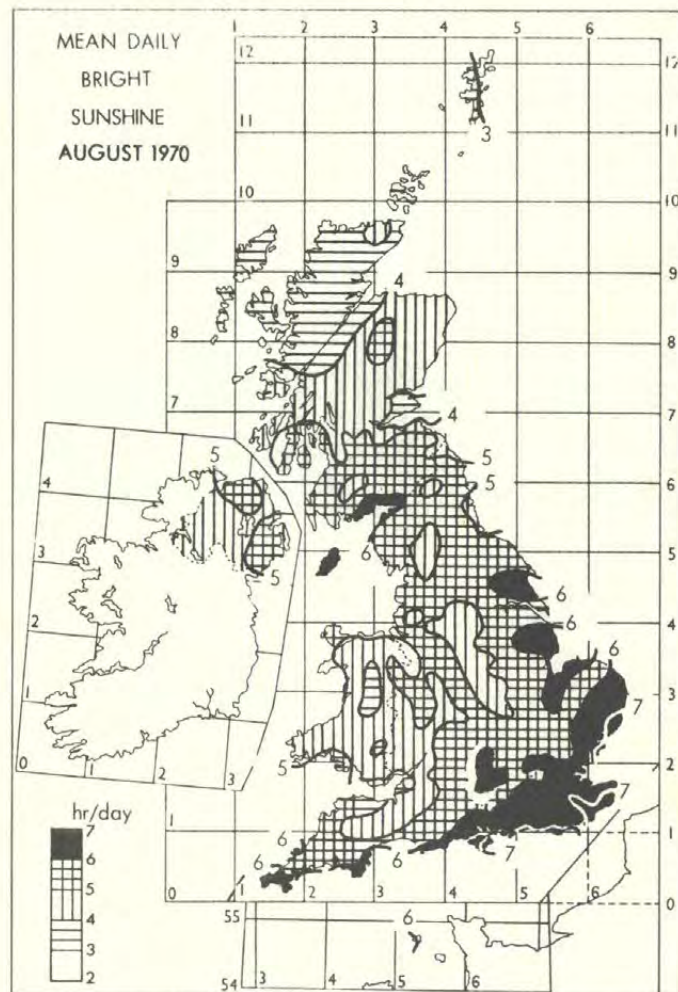
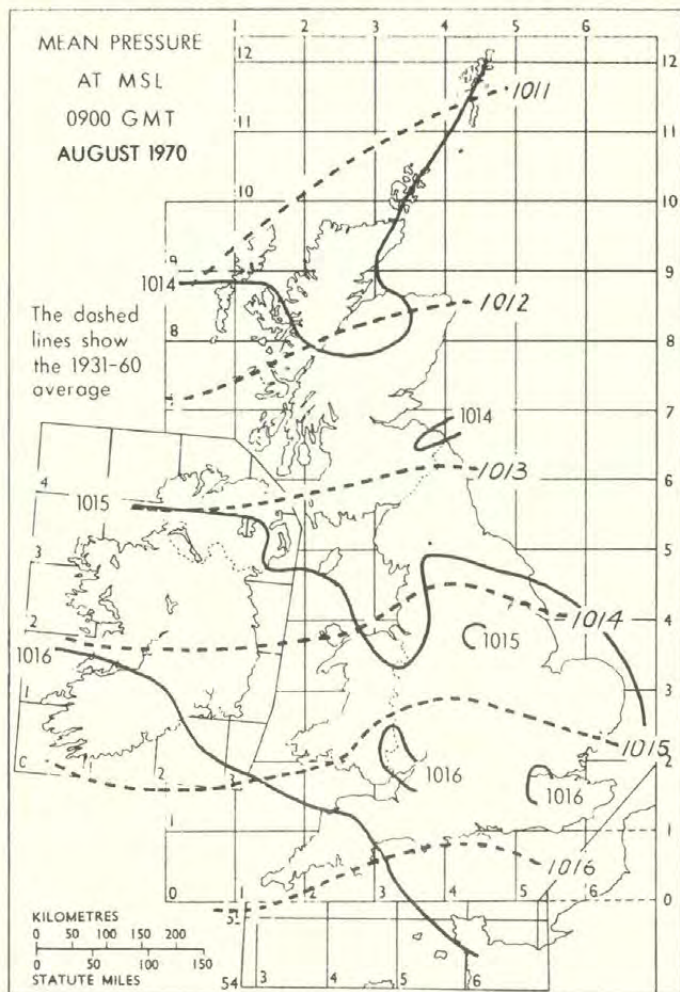


TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND—

AUGUST,

1970

DISTRICT COUNTY AND PLACE	HEIGHT OF VANE IN METRES			DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED										Mean Hourly Wind Speed in knots	HIGHEST VELOCITIES					
	Above Mean Sea Level	Above ground	Effective Height	34 Knots or more (Gale force)		22 to 33 knots		11 to 21 knots	4 to 10 knots	Less than 4 knots	No Record	HIGHEST HOURLY WIND			HIGHEST GUST					
				Dates of Occurrence	Duration (hr)	No. of days	Duration in Hours				Veer from N	Speed in knots	Hour ended at day hour		Veer from N	Speed in knots	Day and Time			
0 SCOTLAND N.																				
Zetland Lerwick	93	10	10	-	0	3	18	267	419	40	0	9.9	220	30	31	13	220	43	31	1215
Orkney Kirkwall	41	15	10	16,17	8	4	11	333	371	21	0	11.0	010	37	16	22	010	50	16	2150
Caithness Dounreay	34	12	9	17	1	4	21	283	360	73	6	9.9	-	34	17	06	-	50	17	0520
Wick	45	10	10	-	0	3	18	165	458	103	0	8.4	020	33	16	20	020	49	16	1855
Sutherland Shin	24	10	10	-	0	0	0	67	279	398	0	4.2	280	16	8	16	270	37	14	1535
Ross & Stornoway (C'Gd)	37	12	11	31	1	9	83	301	206	153	0	11.0	200	34	31	05	200	47	31	0345
Cromarty Duirinish	38	20	17	-	0	5	34	224	296	150	40	9.3	180	29	31	23	180	45	31	2225
Inverness Benbecula	16	10	10	-	0	4	40	321	313	70	0	10.5	210	27	31	20	270	43	31	2359
Corpach	23	15	12	-	0	4	17	279	294	131	23	9.4	190	30	31	22	180	59	31	2140
Fort Augustus N.S.H.E.B.	58	16	16	-	0	0	0	136	323	285	0	5.8	230	17	12	12	230	36	31	2250
Cairngorm	1075	10	10	Ø																
1 SCOTLAND E.																				
Moray Kinloss	18	13	13	17	1	4	37	163	378	165	0	8.4	330	34	17	01	330	50	17	0005
Lossiemouth	31	24	18	16,17	6	4	34	136	333	235	0	7.7	360	38	17	01	010	51	17	0310
Aberdeen Dyce	72	10	10	-	0	4	13	239	332	160	0	8.5	320	26	17	07	200	39	31	0835
Fraserburgh	29	13	11	-	0	4	20	237	427	58	2	9.7	070	27	20	19	120	38	16	0615
Angus Bell Rock	39	40	38	16,17,20,31	13	11	91	329	206	105	0	12.7	340	36	17	10	340	57	17	0910
Perth Rannoch	307	17	17	-	0	1	1	154	420	163	6	7.3	230	22	31	24	220	38	31	2325
Tummel Bridge	161	16	16	-	0	0	0	61	385	275	23	4.6	300	17	17	06	300	37	17	0245
Fife Leuchars	25	13	13	-	0	6	33	212	396	103	0	9.1	320	30	17	11	320	46	17	1000
Midlothian Turnhouse	43	13	10	-	0	1	4	218	402	120	0	8.1	240	24	31	11	210	43	31	2359
6a SCOTLAND, W.																				
Argyll Tiree	27	18	14	17,31	4	9	84	279	224	153	0	11.1	270	35	31	24	270	58	31	2255
Machrihanish	23	13	13	-	0	4	24	259	308	153	0	8.9	240	29	31	24	230	43	31	2300
Dunbarton Cumbernauld	166	10	10	-	0	2	16	272	327	129	0	9.1	220	29	31	08	230	42	31	0920
Renfrew Paisley	57	25	9	-	0	2	3	137	381	223	0	6.6	200	26	31	24	230	51	31	2358
Abbotsinch	16	10	10	-	0	1	11	174	397	162	0	7.9	200	31	31	24	200	48	31	2315
Ayr Ardrossan	24	20		Ø																
Hunterston	13	10	10	Ø																
Prestwick	21	10	10	-	0	3	19	134	349	242	0	7.2	300	28	17	13	230	46	31	2355
Dumfries Eskdalemuir	259	10	10	-	0	6	38	156	296	254	0	7.5	280	32	17	19	280	49	17	1820
Wigtown West Freugh	25	10	10	-	0	4	37	185	307	215	0	8.2	330	29	17	02	330	46	17	0135
6b ISLE OF MAN																				
Ronaldsway	25	10	10	16	2	7	36	211	305	190	0	8.8	110	38	16	01	110	51	16	0025
Point of Ayre	20	10	10	16	7	5	46	235	331	125	0	10.0	120	36	16	03	120	52	16	0245
2 ENGLAND, N.E.																				
Durham Durham	119	16	10	-	0	0	0	89	370	285	0	5.3	200	20	30	16	270	39	16	1600
South Shields	22	17	13	-	0	2	6	84	351	303	0	5.6	130	26	16	05	130	38	16	0440
Yorks N.R. Leeming	42	10	10	-	0	1	8	183	430	123	0	8.1	300	26	17	12	300	42	17	0930
Middlesbrough	23	19	19	-	0	4	23	202	388	117	14	9.0	130	25	16	05	130	41	16	0420
Lincoln Waddington	80	10	10	-	0	2	18	203	446	77	0	8.8	230	25	16	12	240	43	16	1155
Cranwell	77	13	13	-	0	2	21	169	228	320	6	6.6	230	30	16	11	240	46	16	1110
Coningsby	16	10	10	-	0	2	36	180	390	136	2	8.3	270	32	16	17	270	48	16	1650
Binbrook	118	10	10	-	0	2	23	214	416	91	0	8.9	230	30	16	13	210	46	16	1035
Manby	26	10	10	-	0	2	10	133	401	200	0	7.1	220	28	16	12	220	41	16	1140
3 ENGLAND, E.																				
Norfolk Marham	29	10	10	-	0	2	12	131	402	199	0	7.3	220	26	16	09	230	41	16	0910
West Raynham	93	17	14	Ø																
Coltishall	27	10	10	-	0	1	5	115	409	215	0	6.3	230	26	16	12	230	41	16	1000
Suffolk Honington	60	13	13	-	0	1	1	129	436	178	0	6.9	220	22	16	12	220	37	16	1125
Wattisham	104	16	10	-	0	2	13	130	528	73	0	8.0	220	25	16	13	230	38	16	1110
Bedford Bedford	94	13	9	-	0	1	9	142	442	151	0	7.4	230	26	16	11	250	40	16	1330
Cardington	69	41	41	-	0	2	16	158	471	99	0	8.0	240	30	16	12	240	43	16	1230
Hertford Garston	94	15	10	-	0	0	0	24	377	343	0	4.3	270	19	16	14	270	35	16	1555
Rothamsted	141	13	10	-	0	0	0	22	340	382	0	3.7	240	16	16	09	230	37	16	0855
Essex Stansted	108	10	10	-	0	0	0	64	464	216	0	5.8	220	18	16	17	230	32	16	0955
Shoeburyness	36	32	28	16	1	5	20	336	355	32	0	11.0	180	34	16	05	180	45	16	0420
4 MIDLAND COUNTIES																				
Yorks W.R. Sheffield	162	25	11	-	0	0	0	82	261	401	0	4.3	190	17	16	10	320	45	17	1410
Church Fenton	18	10	10	-	0	2	7	190	349	198	0	7.5	260	25	16	15	140	41	16	0235
Notts Finningley	19	10	10	-	0	2	16	133	387	208	0	6.8	210	27	16	10	210	43	16	0940
Rutland Cottesmore	143	13	13	-	0	2	18	147	413	166	0	7.7	240	28	16	11	240	47	16	1005
N'hampton Wittering	83	10	10	-	0	3	10	148	414	172	0	7.5	230	26	16	10	230	48	16	1040
Warwick Edgbaston	196	36	22	-	0	1	5	98	454	187	0	6.3	170							

TABLE II (continued)—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— AUGUST, 1970

DISTRICT COUNTY AND PLACE	HEIGHT OF VANE IN METRES			DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED										Mean Hourly Wind Speed in knots	HIGHEST VELOCITIES					
	Above Mean Sea Level	Above ground	Effective Height	34 Knots or more (Gale force)		22 to 33 knots		11 to 21 knots	4 to 10 knots	Less than 4 knots	No Record	HIGHEST HOURLY WIND			HIGHEST GUST					
				Dates of Occurrence	Dura- tion (hr)	No. of days	Duration in Hours				Veer from N	Speed in knots	Hour ended at day hour		Veer from N	Speed in knots	Day and Time			
7a ENGLAND, N.W.																				
Cumberland Sellafield	25	12	11	-	0	5	37	142	403	162	0	7.8	120	26	16	02	120	42	16	0120
Carlisle	41	13	9	-	0	0	0	141	391	212	0	6.7	010	20	20	16	020	36	20	1610
Spadeadam	292	16	15	-	0	2	8	166	379	191	0	7.4	020	26	20	15	020	42	20	1520
Westmorland Great Dun Fell ...	857	10	10	20, 21, 30, 31	25	15	174	271	225	49	0	15.2	030	46	20	08	030	55	20	0710
Moor House	597	15	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lancashire Squires Gate	26	16	11	-	0	5	36	226	373	109	0	9.2	290	31	16	17	290	46	16	1630
Aigburth	38	23	11	-	0	2	37	111	398	198	0	7.3	280	31	16	11	280	52	16	1100
Southport	19	14	11	16	5	4	30	101	195	411	2	5.6	280	34	16	16	280	46	16	1520
Fleetwood	34	15	9	16, 17	9	2	26	136	202	358	13	6.4	300	36	17	06	290	50	16	1910
Speke	30	10	10	-	0	3	37	136	368	203	0	7.6	290	31	16	12	280	48	16	1610
Manchester/W. Centre	82	45	17	-	0	1	10	181	423	130	0	7.8	250	26	16	16	240	51	16	1635
Cheshire Bidston	80	20	12	16	13	3	22	146	409	130	24	-	270	37	16	12	290	61	16	1620
Ringway	80	10	10	-	0	1	2	162	416	164	0	7.3	190	23	16	08	140	37	16	0140
7b NORTH WALES																				
Anglesey Valley	26	16	12	15-17	22	9	87	227	272	136	0	11.4	300	44	16	08	300	61	16	0725
8a SOUTH WALES																				
Cardigan Aberporth	135	13	11	-	0	2	11	203	255	275	0	6.8	250	31	16	02	170	50	15	2300
Pembroke Milford Haven C.B.	47	10	10	-	0	2	11	203	255	275	0	6.8	250	31	16	02	170	50	15	2300
Glamorgan Port Talbot	28	12	11	16	2	3	34	172	308	228	0	7.8	320	36	16	11	320	53	16	1055
Rhose	77	10	10	-	0	2	16	219	395	114	0	8.7	250	29	16	07	250	48	16	0715
8b ENGLAND, S.W.																				
Dorset Portland Bill C.G.	60	13	13	-	0	6	48	279	376	41	0	10.7	320	30	16	08	320	40	16	0620
Devon Mount Batten	64	13	13	15	1	2	15	247	381	100	0	8.8	200	34	15	23	200	54	15	2325
Chivenor	19	13	10	-	0	2	19	187	332	206	0	7.5	270	30	16	06	160	44	15	2150
Cornwall Scilly	70	20	17	-	0	2	18	253	286	187	0	8.9	180	32	15	21	170	52	15	1740
Lizard	96	23	18	15	4	3	21	432	214	63	10	12.0	200	37	15	22	200	52	15	2110
St. Mawgan	120	13	13	-	0	3	24	281	343	96	0	9.9	160	29	15	21	170	49	15	2055
9 NORTHERN IRELAND																				
Londonderry Ballykelly	13	12	10	-	0	5	26	179	273	266	0	7.3	320	29	16	17	330	47	16	1240
Antrim Aldergrove	80	10	10	-	0	2	17	155	404	168	0	7.5	320	24	16	15	320	42	16	1445
Ballypatrick Forest	166	13	13	-	0	3	22	310	309	103	0	9.8	320	26	16	17	340	43	16	1005
Belfast Harbour	21	18	18	16	3	3	25	247	340	129	0	9.2	280	38	16	05	280	50	16	0430
Down Kilkeel	35	18	14	-	0	3	15	249	259	221	0	8.1	340	32	16	07	360	56	16	0455
Orlock Head	51	16	12	16	4	6	47	270	319	99	5	10.8	-	35	16	06	-	55	16	0545
Portadown	26	10	10	-	0	0	0	98	399	247	0	5.6	330	20	16	05	330	33	16	0415
Tyrone Carrigans	129	10	10	-	0	1	3	179	328	234	0	6.6	320	24	16	14	320	40	16	1315
Fermanagh Castle Archdale Forest	80	13	13	-	0	0	0	177	298	269	0	6.2	010	21	16	01	360	43	16	0105
CHANNEL ISLES																				
Jersey Airport	98	18	12	-	0	1	1	299	384	60	0	9.5	290	22	20	14	310	32	20	0815

† Anemograph dismantled for re-erection * Defective record ‡ Record ceased § Incomplete record ¶ Anemograph out of order ** Record ceased temporarily

TABLE III —SUMMARY OF DAILY OBSERVATIONS AUGUST, 1970

DISTRICT, COUNTY AND PLACE	Max. Min. Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days										BRIGHT SUNSHINE						
			MEANS OF		Daily Mean (mean of A & B)	Difference from 1931-50 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1916-50 average	Most in A DAY Amount (mm.)	Date	Precip'n		Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-50 average	Exposure		
			Max. (A)	Min. (B)			Maximum	Date	Minimum	Date							0.2 mm or more	1.0 mm or more															
0 SCOTLAND, N.																																	
Zetland																																	
Hamnavoe ...	99	21	15.3	10.9	13.1	-	20.0	3	8.9	11	-	-	51	-	21	13	14	7	0	0	0	0	0	0	0	-	-	0	3.67	-	-	-	
Lerwick ...	21-9	82	14.1	10.3	12.2	+0.1	18.6	5	7.8	11	-	-	51	67	23	13	16	4	0	0	0	0	0	3	0	0	0	2.40	63	-	-	-	
Baltasound ...	99	24	15.2	10.2	12.7	-	20.0	5	6.1	7	11.9	-	51	70	27	13	16	7	0	0	0	0	1	2	0	-	-	0	2.72	-	-	-	
Orkney																																	
Sule Skerry ...	21-9	13	14.3	10.7	12.5	-	17.0	4.5	9.0	11	-	-	46	-	10	16	16	10	0	0	0	0	0	1	0	0	0	-	-	-	-	-	
Stenness ...	99	23	16.5	10.6	13.5	-	22.2	2	7.2	15	12.7	10.8	89	113	46	16	16	10	0	0	0	0	1	1	0	0	-	0	3.56	-	-	-	
Kirkwall ...	21-9	26	15.9	10.4	13.1	+0.5	22.0	5	5.5	11	-	-	74	102	33	16	14	10	0	0	0	0	0	3	0	0	0	2	3.38	81	-	-	-
Caithness																																	
Dounreay ...	99	21	17.6	10.3	13.9	-	23.9	4	4.4	15	-	-	108	136	36	16	15	9	0	0	0	0	0	6	0	0	-	0	4.14	-	-	-	
Wick ...	21-9	36	15.9	10.7	13.3	+0.6	21.5	5	5.2	14	-	-	97	145	41	16	16	11	0	0	0	0	1	3	0	0	0	1	3.46	80	-	-	-
John O'Groats ...	99	30	16.4	10.4	13.4	-	20.6	2.5	6.1	15	13.2	-	99	-	38	16	17	12	0	0	0	0	2	3	0	0	-	1	3.75	-	-	-	
Sutherland																																	
Cape Wrath ...	21-9	112	14.5	10.9	12.7	0.0	23.5	3	8.0	29	-	-	64	62	16	16	17	10	0	0	0	0	0	5	0	0	0	1	3.26	-	-	-	
Achany ...	99	85	18.2	9.4	13.8	-	25.0	5	2.2	14, 15	14.2	12.1	66	80	15	16	19	11	0	0	0	0	0	1	0	4	-	0	3.69	-	-	-	
Strathy ...	99	37	17.4	10.2	13.8	+0.9	25.0	3	4.4	14	-	-	112	124	35	16	18	11	0	0	0	0	0	1	0	-	-	0	3.63	93	-	-	-
Achentoul ...	99	137	17.9	9.3	13.6	-	26.1	4	2.2	14	-	-	139	-	53	16	15	11	0	0	0	0	2	0	0	3	-	2	3.99	-	-	-	
Ross & Cromarty																																	
Stornoway ...	21-9	3	15.9	9.7	12.8	-0.5	20.8	5	4.0	11	-	-	70	82	21	12	15	11	0	0	0	0	0	0	0	0	0	0	3.65	85	-	-	-
Balmacara ...	99	4	18.2	10.8	14.5	-	24.4	3.4	8.3	11	-	-	90	-	15	4	16	13	0	0	0	0	0	1	0	0	-	0	-	-	-	-	
Poolewe ...	99	6	17.4	12.2	14.8	-	24.4	3	7.2	11	-	-	106	84	17	14	17	14	0	0	0	0	0	0	0	0	-	1	3.45	-	-	S	
Rudh Re ...	21-9	16	15.1	11.8	13.5	-	22.2	4	10.0	11, 21	-	-	-	-	-	-	-	-	0	0	0	0	0	1	0	0	0	0	-	-	-	-	
Inverpoll ...	99	14	17.7	11.0	14.3	-	25.6	3.4	5.6	11	14.0	-	86	79	14	17	18	14	0	0	0	0	0	0	0	1	-	0	3.29	-	-	-	
Achnashellach ...	99	67	17.9	10.7	14.3	+0.8	(26.7)	3	5.6	11	-	-	133	80	(32)	31	15	14	0	0	0	0	0	0	0	0	-	0	-	-	-	-	
Kinlochewe ...	99	23	18.7	11.2	14.9	+0.6	26.1	3	6.7	11	14.1	-	133	83	34	31	15	11	0	0	0	0	1	1	0	0	-	0	2.81	-	-	S	
Knockanrock ...	99	244	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Strathconon ...	99	107	18.5	9.9	14.2	-	26.1	4	3.9	14	-	-	69	-	18	31	18	14	0	0	0	0	0	-	0	0	-	0	-	-	-	-	
Fortrose ...	99	5	16.5	11.9	14.2	0.0	22.8	5	8.3	11, 16	-	-	105	161	38	20	12	12	0	0	0	0	0	4	0	-	0	2.98	70	-	-	-	
Tarbatness ...	21-9	18	16.5	11.4	13.9	-	21.5	5	6.0	14	-	-	83	145	23	16	14	13	0	0	0	0	0	0	3	0	-	3	-	-	-	-	

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

AUGUST,

1970

DISTRICT, COUNTY AND PLACE	Max. Temp. in GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days												BRIGHT SUNSHINE				
			MEANS OF		Daily Mean (mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1916-30 average	MOST IN A DAY		Precip'n 0.2 mm or more 1.0 mm or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure			
			Max. (A)	Min. (B)			Maximum	Date	Minimum	Date					Amount (mm.)	Date																	
0 SCOTLAND, N. -contd.																																	
Inverness	21-9	6	16.0	11.1	13.5	-0.2	22.5	4	7.9	25	-	-	85	88	44	12	16	12	0	0	0	0	0	0	0	0	0	0	3.65	-	-		
Benbecula	99	5	17.8	10.6	14.2	-	23.9	4	7.2	11,19	16.3	13.8	148	71	36	12	14	14	0	0	0	0	0	0	0	0	0	3	4.64	-	-		
Isle of Rhum	99	67	16.6	10.9	13.7	-	22.8	4	7.2	11,14,15	-	-	103	74	29	12	20	15	0	0	0	0	0	0	0	0	0	1	3.41	-	-		
Prabost	99	90	15.9	10.8	13.3	+0.1	22.8	4	5.0	11	-	-	101	90	22	12	19	13	0	0	0	0	0	0	0	0	0	1	3.25	77	-		
Duntulm	99	15	18.6	10.8	14.7	+0.8	26.7	4	5.6	11	-	-	114	68	29	31	14	11	-	0	-	-	0	0	0	0	0	-	4.34	116	S		
Onich	99	8	19.0	-	-	-	26.7	4	-	-	15.4	14.2	111	84	21	31	16	11	0	0	0	0	2	-	0	-	-	-	3.86	-	-		
Fort William	99	8	18.9	11.1	15.0	-	27.2	4	5.6	28	-	-	123	-	28	31	12	11	0	0	0	0	2	0	0	-	0	-	-	-	-		
Corpach	99	21	17.9	11.7	14.8	-	27.2	5	7.8	11,14,15	-	-	97	135	33	20	12	11	0	0	0	0	6	0	0	-	0	3.35	-	-	-		
Fort Augustus	99	4	14.4	8.8	11.6	-	21.7	4	3.9	11	-	-	248	-	73	16	20	15	0	-	0	0	6	0	-	-	-	-	-	-	-		
Inverness	99	762	17.9	11.7	14.8	-	27.2	5	7.8	11,14,15	-	-	97	135	33	20	12	11	0	0	0	0	6	0	0	-	0	3.35	-	-	-		
Coire Cas Shieling	99	1090	11.8	6.7	9.3	-	18.9	5	1.1	11	-	-	259	-	75	16	18	16	0	-	0	0	8	0	-	-	-	-	-	-	-		
Cairngorm	99	305	17.8	9.2	13.5	-	25.6	5	3.9	14,15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Achnagoichan	99	341	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Glenmore Lodge	99	341	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1 SCOTLAND, E.																																	
Nairn																																	
Nairn	99	6	18.1	10.3	14.2	+0.1	26.1	5	5.0	15	-	-	97	139	32	20	12	10	0	0	0	0	1	2	0	0	-	0	3.55	83	-	-	
Moray																																	
Grantown-on-Spey	99	229	18.2	8.8	13.5	-	26.7	5	2.8	15,28	-	-	154	-	73	16	15	12	0	0	0	0	2	0	0	5	-	0	-	-	-		
Forres	99	50	18.3	11.1	14.7	+0.5	26.1	5	6.1	26	15.8	14.5	131	190	42	16	14	11	0	0	0	0	1	0	0	0	-	0	3.83	83	-	-	
Kinloss	21-9	5	18.2	11.1	14.7	+0.8	25.5	3.5	5.6	26	14.1	-	117	169	32	16	14	10	0	0	0	0	0	0	0	0	0	1	3.95	-	-	-	
Elgin	99	15	18.3	10.8	14.5	-	25.6	4.5	4.4	26	-	-	130	180	38	16	13	12	-	0	-	-	1	0	0	-	-	-	4.33	-	-	-	
Lossiemouth	99	6	17.7	10.4	14.1	+0.2	24.4	3.4	5.0	26	-	-	122	180	43	16	16	12	0	0	0	0	0	0	0	0	2	-	-	-	-	-	
Gordon Castle	99	32	18.4	10.7	14.5	+0.2	25.0	5.12	6.1	26	-	-	126	159	42	16	14	11	0	0	0	0	-	0	-	-	0	4.21	92	-	-	-	
Banff																																	
Glenlivet	21-9	215	18.2	9.0	13.6	-	25.6	5	1.8	15	-	-	153	-	67	16	15	11	0	0	0	0	1	2	0	1	0	0	5.08	-	S	-	
Banff	99	24	18.0	11.5	14.7	-	25.0	4.5	7.2	15	-	-	95	-	27	16	13	10	0	0	0	0	2	0	-	-	0	4.55	-	-	-	-	
Aberdeen																																	
Braemar	99	339	17.7	8.6	13.1	+0.5	23.9	5	2.2	28	-	-	119	152	52	16	16	12	-	0	-	-	0	0	0	-	-	5.32	-	-	-	-	
Balmoral	99	283	17.7	8.7	13.2	+0.6	25.0	5	2.2	15	-	-	123	169	49	16	14	11	0	0	0	0	-	0	0	-	1	-	-	-	-	-	
Dinnet	99	177	18.8	9.6	14.2	-	26.1	5	3.3	15	14.1	-	127	-	47	16	15	10	-	0	-	-	0	0	0	-	-	4.49	-	-	S	-	
Gartly	99	160	18.1	9.7	13.9	-	25.6	5	3.9	15	-	-	158	-	57	16	15	11	-	-	-	-	-	0	0	-	-	-	-	-	-	-	
Inverurie S. Wks.	99	54	18.2	10.3	14.3	-	25.0	5	4.4	15	-	-	140	-	39	16	11	8	0	0	0	0	0	0	0	-	1	4.42	-	-	-	-	
Fyvie Castle	99	66	18.4	10.4	14.4	-	26.1	5	3.9	15	-	-	139	186	49	16	14	13	0	0	0	0	-	0	0	-	0	4.01	-	-	-	-	
Craibstone	99	91	17.4	10.4	13.9	+0.5	23.9	5	5.0	28	14.3	12.7	118	155	26	16	12	9	0	0	0	0	0	0	0	-	0	4.57	95	-	-	-	
Dyce	21-9	58	17.8	10.2	14.0	+0.4	24.0	5	4.8	27	-	-	121	153	28	16	10	10	0	0	0	0	2	0	0	0	-	0	4.52	-	-	-	
Aberdeen	99	52	17.2	10.7	13.9	+0.2	22.8	5	6.1	15,27	-	-	110	150	26	20	11	10	0	0	0	0	3	0	0	-	0	4.82	104	-	-	-	
Fraserburgh	21-9	18	17.2	11.6	14.4	-	23.4	5	7.4	15	-	-	62	-	14	16	10	9	0	0	0	0	4	0	0	0	-	0	4.40	-	-	-	-
Kincardine																																	
Fettercairn	99	171	17.4	10.3	13.9	+0.7	22.8	5	4.4	15	-	-	139	151	37	15,16	15	10	0	0	0	0	5	0	1	-	1	4.14	-	-	-	-	
Strachan	99	120	18.0	9.8	13.9	-	23.9	5	3.9	27	13.0	-	132	-	38	20	15	13	0	0	0	0	4	0	-	-	1	4.98	-	-	-	-	
Banchory	99	77	18.7	10.5	14.6	-	25.6	5	5.6	15	-	-	145	-	37	15	13	10	0	0	0	0	1	0	0	-	0	-	-	-	-	-	
Angus																																	
Mylnefield	99	30	18.3	10.8	14.5	-	24.4	5	5.6	15	14.6	12.1	107	138	46	15	14	11	0	0	0	0	2	0	0	-	0	4.52	-	-	-	-	
Dundee	99	45	18.1	11.2	14.7	+0.2	23.9	5	7.2	15	15.3	-	102	122	39	15	14	12	0	0	0	0	1	3	0	0	-	1	4.32	-	-	-	
Glamis Castle	99																																

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS AUGUST, 1970

DISTRICT, COUNTY AND PLACE			Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days												BRIGHT SUNSHINE		
						MEANS OF		Daily Mean (mean of A & B)	Difference from 1911-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1910-50 average	MOST IN A DAY		Precip'n		Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost below 0°C	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1911-60 average	Exposure
						Max. (A)	Min. (B)			Maximum	Date	Minimum	Date	Amount (mm)	Date			0.2 mm or more	1.0 mm or more															
1 SCOTLAND, E. — contd.																																		
Berwick — contd.																																		
Marchmont ... 99 152 18.7 10.3 14.5 +0.4 23.9 5 7.2 11,14,16 - - 64 77 20 20 11 7 0																																		

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

AUGUST,

1970

DISTRICT, COUNTY AND PLACE		Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days												BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
					MEANS OF		Daily Mean (mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1931-60 average	Most in a day Amount (mm.)	Date	Precip'n 0.2 mm or more	1.0 mm or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
					Max. (A)	Min. (B)			Maximum	Date	Minimum	Date																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

AUGUST,

1970

1-19

DISTRICT, COUNTY AND PLACE	Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days										BRIGHT SUNSHINE					
				MEANS OF		Daily Mean (mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1931-60 average	MOST IN A DAY		Precip'n 0.2 mm or more	1.0 mm or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure	
				Max. (A)	Min. (B)			Maximum	Date	Minimum	Date					Amount (mm)	Date																
3 ENGLAND, E. — contd.																																	
Essex																																	
Harlow ...	99	79	22.0	10.8	16.4	-	27.8	3	5.0	18	-	15.4	38	-	17	18	11	8	0	0	0	0	1	1	0	-	0	6.16	-	-	-	-	
Stansted ...	21-9	101	21.5	11.5	16.5	+0.4	27.9	3	4.8	18	-	-	47	86	15	18	9	7	0	0	0	0	3	1	0	(1)	0	0	-	-	-	-	
Writtle ...	99	32	22.2	10.6	16.4	-	27.8	3	2.8	18	16.8	-	58	111	20	19	10	8	0	0	0	0	2	2	0	1	0	5.74	-	-	-	-	
Southend ...	99	27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Maldon ...	99	4	21.1	12.3	16.7	-	26.1	13	5.6	18	-	-	46	-	15	19	13	7	0	-	-	-	0	2	1	0	-	0	-	-	-	-	
Earls Colne ...	99	49	22.6	11.4	17.0	-	28.3	3	5.0	18	17.1	15.7	26	50	11	18	8	5	-	0	-	-	-	0	0	0	-	0	-	-	-	-	
Shoeburyness **	21-9	2	20.3	13.2	16.7	-0.6	26.0	13	8.9	30	-	-	37	77	8	8	6	0	0	0	0	0	3	3	0	0	0	6.20	98	-	-	-	
Clacton-on-Sea *	99	16	20.1	13.7	16.9	-0.1	23.3	9,14	8.9	18,30	17.6	16.0	27	63	7	8	10	8	0	0	0	0	0	0	0	0	-	1	7.15	111	-	-	
Walton-on-Naze	21-9	5	19.8	13.9	16.9	-	23.6	9	8.4	18	-	-	32	-	8	8	10	5	0	0	0	0	2	0	0	0	1	7.25	-	-	-	-	
Dovercourt ...	99	3	20.2	12.8	16.5	-0.6	22.2	3	5.6	5,14,18	-	-	16	34	7	19	7	4	0	-	0	0	1	0	0	0	-	0	6.89	-	-	-	-
4 MIDLAND COUNTIES																																	
Yorks., W. Riding																																	
Slaidburn ...	99	192	18.7	10.6	14.7	-	23.9	3	5.0	19	-	-	92	62	23	15	15	8	0	0	0	0	0	0	0	0	-	4.98	-	-	-	-	
Malham Tarn ...	99	395	17.4	(10.3)	(13.9)	-	22.2	3	5.6	11	(14.7)	-	88	63	27	15	13	11	0	(0)	0	0	0	(1)	0	0	-	(5.20)	-	-	-	-	
Huddersfield *	99	99	(20.3)	(11.2)	(15.7)	-	25.6	3	5.0	18,21	(16.1)	(14.5)	67	97	20	20	11	9	-	0	-	-	-	(1)	0	0	-	4.42	97	-	-	-	
" Oakes	21-9	232	20.3	11.2	15.7	+0.5	26.1	3	6.8	18	15.4	13.1	80	97	20	20	14	10	0	0	0	0	3	4	0	0	0	4.72	99	-	-	-	
Bradford **	99	134	19.7	11.8	15.7	+0.5	26.7	4	7.8	19	15.5	14.3	55	71	18	15	11	8	0	0	0	0	1	1	0	0	-	-	-	-	-	-	
Ilkley ...	99	96	20.4	11.5	15.9	+0.6	26.1	3	7.2	19	-	-	55	64	20	15	13	9	0	0	0	0	1	1	0	-	5.77	118	-	-	-	-	
Sheffield ...	99	131	20.4	12.2	16.3	+0.3	26.7	3	8.3	18	16.2	14.8	73	103	21	19	11	10	0	0	0	0	0	0	0	-	4.76	99	-	-	-	-	
Pontefract ...	99	78	20.3	12.1	16.2	+0.7	25.0	3	8.3	15,18	-	-	69	109	20	20	9	7	0	0	0	0	0	2	0	0	-	-	-	-	-	-	
Bramham ...	99	54	20.9	11.1	16.0	-	25.6	3	6.7	11,15,27	-	-	55	78	13	20	11	7	0	0	0	0	2	1	0	0	-	5.23	-	-	-	-	
Cawood ...	99	6	20.9	11.3	16.1	-	25.0	3	6.7	11,15,27	16.7	15.2	84	131	28	20	9	8	0	0	0	0	2	1	0	0	-	5.65	-	-	-	-	
Askham Bryan ...	99	34	20.7	11.4	16.1	-	25.0	29	7.2	11	-	-	49	73	12	19	12	9	0	0	0	0	0	1	0	0	-	5.84	-	-	-	-	
Derby																																	
Buxton *	99	307	17.6	10.3	13.9	-0.1	23.9	3	7.2	18	15.2	14.1	134	127	38	16	12	11	0	0	0	0	0	3	0	0	-	-	-	-	-	-	
Ashover ...	99	186	19.3	11.5	15.4	-	26.1	3	7.8	18	-	-	86	-	28	19	12	11	0	0	0	0	1	5	0	0	-	4.85	-	-	-	-	
Derby ...	99	48	20.7	(12.1)	(16.4)	-	27.2	3	7.2	18	-	-	84	126	30	19	10	7	0	0	0	0	1	0	0	0	-	4.83	-	-	-	-	
Morley ...	99	107	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Wingerworth ...	99	126	19.6	10.4	15.0	-	26.1	3	5.6	15,28	17.0	-	80	-	25	4	12	7	0	0	0	0	1	2	0	0	-	5.24	-	-	-	-	
Nottingham																																	
Sutton Bonington	99	48	(20.6)	(11.0)	(15.8)	(-0.1)	27.2	3,4	6.1	18,19	16.2	15.1	61	108	29	19	11	8	0	0	0	0	0	1	0	0	-	4.94	97	-	-	-	
Watnall ...	21-9	117	20.4	11.5	15.9	+0.1	26.9	3	5.5	18	-	-	52	79	27	19	10	7	0	0	0	0	1	2	0	0	0	4.72	93	-	-	-	
Mansfield ...	99	110	19.6	12.0	15.8	0.0	25.6	2,3	5.6	18	16.1	-	81	128	36	19	12	9	0	0	0	0	0	0	0	0	-	-	-	-	-	-	
Nottingham **	99	59	20.6	13.0	16.8	+0.4	26.1	3	8.3	18,25	17.2	15.9	70	117	33	19	10	8	0	0	0	0	2	1	0	0	-	5.22	108	-	-	-	-
Warsop ...	99	46	21.0	10.3	15.7	-	26.7	3	5.0	11	-	-	75	132	35	19	10	7	-	0	-	-	-	0	0	0	-	5.70	-	-	-	-	
Finningley ...	21-9	10	21.6	12.2	16.9	+0.4	27.3	3	7.6	27	-	-	116	-	29	20	11	7	0	0	0	0	3	1	0	0	0	5.65	-	-	-	-	-
Leicester																																	
Newtown Linford	99	119	20.1	10.8	15.5	-	26.7	3	5.6	18	-	-	68	106	34	19	10	10	0	0	0	0	0	0	0	1	-	4.63	-	-	-	-	
Caldecott ...	99	53	20.7	9.8	15.3	-	27.2	3	2.2	29	-	-	77	140	31	19	8	8	-	0	-	-	-	1	0	0	-	-	-	-	-	-	
Northampton																																	
Bugbrooke Mills	99	69	(20.7)	(10.7)	(15.7)	-	27.2	3	4.4	29	16.1	14.2	85	160	38	19	14	10	-	0	-	-	-	1	0	-	-	5.41	-	-	-	-	
Raunds **	99	59	21.0	10.9	15.9	-0.4	27.8	3	5.0	18,29	17.3	14.6	58	110	28	19	10	7	0	0	0	0	2	0	0	0	-	4.92	94	-	-	-	
Wittering ...	99	65	20.4	11.5	15.9	+0.1	27.2	3	6.8	18	-	-	69	126	28	19	11	9	0	0	0	0	2	0	0	0	0	5.23	-	-	-	-	
Warwick																												</					

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

AUGUST,

1970

DISTRICT, COUNTY AND PLACE	Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days										BRIGHT SUNSHINE					
				MEANS OF		Daily Mean (mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1910-50 average	MOST IN A DAY		Precip'n 0.2 mm or more	1.0 mm or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost below 0°C	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure	
				Max. (A)	Min. (B)			Maximum	Date	Minimum	Date					Amount (mm)	Date																
4 MIDLAND COUNTIES — contd.																																	
Hereford																																	
Lyonshall ...	99	155	19.5	11.1	15.3	-0.1	25.6	3	7.2	25	-	-	96	136	23	19	15	19	-	-	-	-	-	-	0	0	-	-	-	-	-	-	-
Ross-on-Wye §§	21-9	68	20.4	11.5	15.9	-0.3	26.7	3	5.6	18	16.7	15.5	98	160	30	7	12	9	0	0	0	0	2	2	0	0	0	0	4.54	82	-	-	
Preston Wynne	99	84	20.2	10.1	15.1	-	26.1	3	5.0	18	-	-	116	200	38	6	11	8	0	0	0	0	1	1	0	0	-	1	5.04	-	-	-	
Gloucester																																	
Filton ...	21-9	59	20.1	12.2	16.1	-0.4	26.8	3	5.0	18	-	-	54	71	18	19	13	9	0	0	0	0	1	0	0	0	0	0	4.77	-	-	-	
Hempsted ...	99	12	20.6	11.7	16.1	-	27.2	3	6.1	18	17.0	15.3	85	123	29	19	12	10	0	0	0	0	2	0	0	0	0	0	4.65	-	-	-	
Gloucester ...	21-9	24	21.1	12.6	16.9	-	27.6	3	6.6	18	-	-	64	-	29	19	13	8	0	0	0	0	1	0	0	0	0	0	5.24	-	-	-	
Cheltenham ...	99	65	20.6	12.6	16.6	-0.2	27.2	3	6.7	18	-	-	74	126	33	19	14	12	-	-	-	-	-	-	-	-	-	-	5.03	-	-	-	
Cirencester ...	99	135	20.3	11.1	15.7	-	26.7	3	2.8	18	-	-	63	80	31	19	14	9	0	0	0	0	1	0	0	0	-	1	5.50	-	-	-	
Little Rissington	21-9	226	19.3	11.7	15.5	-	25.7	3	7.6	17	-	-	100	155	47	19	12	9	0	0	0	0	7	2	0	0	0	0	5.45	-	-	-	
5 ENGLAND, S.E.																																	
Greater London																																	
Kensington Palace	99	25	22.0	13.1	17.5	-0.3	27.8	3	7.2	18	18.3	17.1	93	161	36	7	12	11	0	0	0	0	1	0	0	0	-	0	-	-	-	-	
Hampstead ...	99	137	21.0	12.4	16.7	+0.2	26.5	3,4	7.2	18	-	-	57	94	20	18	12	9	0	0	0	0	1	-	0	0	-	0	6.29	108	S	-	
St. James's Park	99	4	22.0	(13.3)	(17.7)	(-0.2)	27.2	3,4	8.3	18,20	-	-	68	-	24	7	11	10	0	-	0	0	0	-	0	0	-	0	-	-	-	-	
London/W. Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.15	108	-	-	
Greenwich ...	99	7	(22.0)	(12.5)	(17.3)	-	27.2	3	(8.3)	17,18,20	-	-	56	102	18	19	11	9	0	0	0	0	0	0	0	0	-	0	5.41	96	-	-	
Heathrow ...	21-9	25	22.3	13.0	17.7	+0.4	28.4	3	6.9	18	-	-	54	103	14	19	11	10	0	0	0	0	4	0	0	0	0	0	5.95	-	-	-	
Hampton ...	99	12	22.1	12.8	17.5	-	27.8	3	7.2	18	-	-	43	84	19	18	11	8	0	0	0	0	5	1	0	0	-	0	5.99	-	-	-	
Wealdstone ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.47	-	-	-	
Southgate ...	99	59	21.7	12.3	17.0	-	27.8	4	7.2	18	16.8	-	-	70	123	19	18	13	9	0	0	0	0	0	0	0	-	0	5.77	-	-	-	
Kew* §§	21-9	5	21.6	11.6	16.6	-	27.5	3	3.3	18	16.6	15.1	54	94	17	18	12	10	0	0	0	0	4	1	0	1	0	0	6.21	102	-	-	
Waddon ...	99	67	21.6	12.3	16.9	+0.1	27.6	3	6.3	18	-	-	88	113	20	18	12	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Addington ...	99	144	20.8	11.9	16.3	-0.3	26.1	3	7.2	18	-	-	89	139	23	6	12	12	-	-	-	-	3	0	-	-	-	-	-	-	-	-	
Bromley ...	99	65	-	11.4	-	-	-	-	6.1	18	-	-	65	118	18	18	10	9	-	0	-	-	-	-	-	-	-	-	-	-	-	-	
Surrey																																	
Gatwick ...	21-9	59	21.8	10.4	16.1	-0.4	27.2	2,3	2.7	18	-	-	59	91	15	18	13	11	0	0	0	0	3	0	0	1	0	0	6.46	-	-	-	
Witley ...	99	35	21.8	11.3	16.5	-0.1	27.2	2,3,4	4.4	18	17.6	15.9	63	115	21	18	11	9	-	0	-	-	-	2	0	1	-	-	5.88	104	-	-	
Mickleham ...	99	55	(21.3)	10.1	(15.7)	-	26.7	2,4	3.3	18	17.6	16.2	76	127	22	18	11	10	0	0	0	0	1	0	0	0	-	0	-	-	-	-	
Kent																																	
Dartford ...	99	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Hadlow College	99	30	21.7	10.7	16.2	-	26.7	2	2.2	18	17.0	15.1	65	-	14	19	11	10	0	0	0	0	4	1	0	1	-	0	5.97	-	-	-	
Gillingham ...	99	4	21.8	12.4	17.1	-	26.1	13	4.4	18	-	-	59	112	22	8	10	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Peckham ...	21-9	29	21.9	10.6	16.3	-	26.6	2	2.6	18	-	-	46	-	14	8	10	8	0	0	0	0	4	0	0	1	0	0	7.05	-	-	-	-
Dungeness ...	21-9	3	19.5	12.4	15.9	-0.8	22.5	13	5.2	18	-	-	79	154	27	8	12	10	0	0	0	0	2	0	0	-	0	-	-	-	-	-	
Whitstable ...	99	3	20.6	13.2	16.9	-	26.7	13	7.2	18	-	-	24	50	6	18	9	6	0	0	0	0	2	0	0	-	0	6.89	-	-	-	-	
Folkestone ...	99	39	20.6	13.9	17.3	-	25.0	4	9.4	17	-	15.6	40	77	16	18	9	6	0	0	0	0	1	0	0	-	1	7.50	-	-	-	-	
Elmstone ...	99	9	20.7	11.8	16.3	-	26.1	13	5.6	18	-	-	34	-	10	8	9	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Herne Bay ...	99	6	20.7	14.1	17.4	-	27.2	13	8.3	18	-	-	32	62	11	8	9	6	0	0	0	0	1	2	0	-	0	-	-	-	-	-	
Dover ...	99	6	20.7	13.8	17.3	+0.3	25.6	3,4	7.8	23	-	-	65	114	17	19	12	7	-	-	-	-	-	-	-	-	-	-	7.56	-	-	-	
Deal ...	21-9	5	20.0	13.9	16.9	-	26.4	13	9.1	18	-	-	39	-	10	8	10	7	0	0	0	0	2	1	0	0	0	0	-	-	-	-	
Manston ...	21-9	44	20.6	13.3	16.9	-	27.7	13	7.1	18	-	-	37	74	8	10	10	7	0	0	0	0	2	2	0	0	0	0	-	-	-	-	
Margate ...	99	16	19.7	14.7	17.2	-0.3	26.1	13	9.4	18	18.1	16.5	20	-	6	19	9	4	0	0	0	0	1	2	0	0	-	0	6.78	99	-	-	
West Malling ...	99	93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Goudhurst ...	99	85	21.1	10.8	15.9	-	27.2	2	3.3	18	-	-	55	79	15	18	10	8	0	0	0	0	2	2	0	1	-	0	-	-	-	-	
East Malling §§	99	37	21.4	11.6	16.5	+0.1	26.7	2	4.4	18	17.4	16.1	55	93	12	8	12	9	0	0	0	0	4	1	0	0	-	0	6.50	107	-	-	
Throley ...	99	150	20.4	(11.6)	(16.0)	-	24.4	7,13,30	5.6	18	17.3	15.8	70	108	29	8	10	7	0	0	0	0	4	2	0	0	-	0	(6.24)	-	-	-	
Favers																																	

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS AUGUST, 1970

DISTRICT, COUNTY AND PLACE	Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURE °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days												BRIGHT SUNSHINE		
				MEANS OF		Daily Mean (mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1916-50 average	MOST IN A DAY		Precip'n		Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure
				Max. (A)	Min. (B)			Maximum	Date	Minimum	Date					Amount (mm)	Date	0.2 mm or more	1.0 mm or more													
5. ENGLAND, S.E. — contd.																																
Hampshire — contd.																																
Southsea ...	99	2	20.9	14.0	17.5	-0.2	25.6	3,4,30	9.4	18	18.1	16.7	59	107	26	5	9	6	0	0	0	0	0	0	0	0	0	0	7.02	103	-	
Hayling Island ...	99	4	20.4	13.3	16.9	-	26.1	3	8.3	18	-	-	58	-	27	5	8	6	0	0	0	0	1	0	0	0	0	0	7.13	-	-	
Long Sutton ...	99	156	20.7	10.6	15.7	-0.6	26.7	2,3	5.0	18	17.7	-	57	91	22	18	13	8	0	0	0	0	2	2	0	0	0	0	5.33	90	-	
Alice Holt Lodge	99	115	20.9	11.4	16.1	-	27.2	2,3	5.0	18	-	-	57	91	17	18	11	10	0	0	0	0	2	0	0	0	0	0	5.67	-	-	
S. Farnborough	99	69	21.6	11.6	16.6	-0.1	27.8	3	3.5	18	-	-	69	120	27	7	12	11	0	0	0	0	3	0	0	1	0	0	5.83	97	-	
Isle of Wight																																
St. Catherine's Pt.	99	16	19.3	13.3	16.3	-0.3	23.5	3,4	10.0	18	-	-	73	136	23	5	10	8	0	-	0	0	2	0	0	0	-	1	-	-	-	
Ventnor *	99	132	19.4	13.6	16.5	-0.4	23.9	3,4	10.0	18	17.7	15.5	84	141	30	18	9	9	0	0	0	0	1	0	0	0	-	1	6.76	97	-	
Shanklin ...	99	55	19.8	13.1	16.5	-	25.6	3	7.2	18	-	-	76	115	27	5	9	8	0	-	0	0	2	0	0	0	-	0	7.12	-	-	
Sandown ...	99	4	20.4	13.7	17.1	-0.2	23.3	3,4	7.8	18	-	-	64	115	21	18	7	7	0	-	0	0	0	0	0	0	-	-	7.06	-	-	
Ryde	99	4	20.6	13.9	17.3	-0.1	26.1	3	7.8	18	-	-	65	112	30	5	8	6	0	0	0	0	2	0	0	-	1	6.65	94	-		
Wiltshire																																
Lacock ...	99	49	(20.7)	(10.4)	(15.5)	-	27.2	3	2.8	18	-	-	49	75	15	19	14	11	-	0	-	-	-	0	0	0	-	-	-	-	-	
West Lavington	99	93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Lynham ...	21-9	145	19.9	11.5	15.7	-0.2	26.6	3	6.3	18	-	-	60	95	26	19	14	12	0	0	0	0	1	0	0	0	0	0	5.51	-	-	
Larkhill ...	99	132	20.5	11.1	15.8	-0.1	27.2	2	3.0	18	-	-	60	105	17	18	13	10	0	0	0	0	1	0	1	0	0	-	-	-	-	
Boscombe Down	21-9	126	20.7	11.5	16.1	0.0	27.2	2	3.9	18	-	-	58	98	16	18	13	9	0	0	0	0	0	0	0	1	0	0	5.74	97	-	
Upavon ...	21-9	176	20.2	11.5	15.9	-	26.9	3	5.2	18	-	-	51	79	14	19	14	9	0	0	0	0	2	0	0	1	0	0	-	-	-	
Porton	99	111	20.5	10.7	15.6	-0.3	27.1	3	3.0	18	16.0	-	64	109	21	18	13	10	-	0	-	-	-	0	0	1	0	-	5.74	93	-	
7a. ENGLAND, N.W.																																
Cumberland																																
Sellafield ...	99	13	19.4	-	-	-	25.6	3,4,5	-	-	-	-	50	46	14	13	9	6	-	0	-	-	-	0	0	0	-	-	(5.31)	-	-	
Carlisle	21-9	26	20.2	11.3	15.7	-	26.1	3	5.8	11	-	-	53	-	13	15	11	9	0	0	1	0	1	1	0	0	0	0	6.43	-	-	
Newton Rigg	99	171	19.1	10.2	14.7	+0.4	25.0	3	5.0	11	15.9	-	91	108	28	15	11	9	-	0	-	-	-	1	0	0	-	-	5.36	113	-	
Spadeadam	99	274	17.6	9.6	13.6	-	22.8	3	4.4	11	14.0	12.3	93	-	19	20	11	10	0	0	0	0	1	1	0	0	-	0	5.65	-	-	
Westmorland																																
Ambleside ...	99	46	20.4	11.1	15.7	-	26.7	3	6.7	27	-	-	114	73	34	30	11	11	0	0	0	0	1	0	0	0	0	0	-	-	-	
Great Dun Fell	21-9	847	13.6	7.6	10.6	-	20.3	5	3.9	18	-	-	-	-	-	-	-	-	-	0	-	-	-	18	0	-	-	-	4.87	-	-	
Moor House ...	99	556	16.0	7.7	11.9	-	21.1	3	2.2	11	12.1	-	185	95	45	15	12	11	-	0	-	-	-	2	0	3	-	-	5.62	-	-	
Lancashire																																
Squires Gate ...	21-9	10	20.1	11.6	15.9	+0.2	26.9	3	5.8	19	-	-	86	96	28	15	10	9	0	0	0	0	1	0	0	0	0	0	5.81	107	-	
Aigburth ...	99	14	19.9	13.0	16.5	-	25.9	4	8.5	19	-	-	85	-	16	6	10	9	0	0	0	0	0	1	0	0	0	0	(5.38)	-	-	
Southport ...	99	5	19.9	11.7	15.8	-	26.7	3	7.2	19	16.1	13.1	77	88	30	15	10	9	-	0	-	-	-	10	0	0	-	-	5.75	-	-	
Poulton-le-Fylde	99	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cartmel ...	99	34	19.7	11.1	15.4	-	25.6	3	4.4	11	-	-	87	-	27	15	11	9	-	0	-	-	-	3	0	-	-	-	-	-	-	
Grizedale ...	99	91	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Speke ...	21-9	22	20.5	12.3	16.4	+0.3	26.6	3	8.7	19	-	-	91	115	15	19	11	10	0	0	0	0	3	3	0	0	0	0	5.29	-	-	
Kirkham ...	99	24	20.0	11.2	15.1	-	26.1	3	5.0	19	-	-	84	83	19	15	10	8	0	0	0	0	1	0	0	0	0	0	5.95	-	S	
Bailrigg ...	99	53	19.4	11.9	15.7	-	25.3	3	6.1	11	-	-	78	-	20	30	9	9	-	0	-	-	-	0	0	0	-	-	5.27	-	-	
Morecambe ...	99	7	19.8	13.3	16.5	+0.6	26.7	3	9.4	11	-	-	75	75	25	30	10	8	0	0	0	0	0	0	0	0	0	0	5.84	105	-	
Preston ...	99	33	20.0	11.7	15.9	-	26.1	3	6.1	11.19	-	-	75	72	16	15	11	9	0	0	0	0	1	0	0	0	0	1	-	-	-	
Bolton ...	99	107	19.7	11.4	15.5	-	26.1	3	7.2	11.15.19	14.8	-	105	-	36	16	12	10	-	0	-	-	-	0	0	0	-	-	5.71	-	-	
Stonyhurst	99	115	19.9	11.3	15.6	+0.5	26.7	3	6.7	11	-	-	91	73	34	16	9	8	-	0	-	-	-	0	0	0	-	-	5.73	116	-	
Manchester/W. Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.84	-	-		
Helmshore ...	99	261	18.5	10.9	14.7	-	24.4	3	6.7	18.19	14.2	-	135	89	44	16	12	10	-	0	-	-	-	0	0	0	-	-	5.62	-	S	
Burnley ...	99	200	19.1	11.1	15.1	-	25.0	2	5.6	11	14.7	12.7	97	-	35	16	10	10	0	0	0	0	0	0	0	0	0	0	5.46	-	-	
Nelson	99	165	19.1	10.9	15.0	-	25.0	3	6.1	11	15.3	13.2	92	83	33	16	11	9	-	0	-	-	-	0	0	0	-	-	5.50	-	S	
Rochdale ...	99	110	19.2	11.0	15.1	-	25.6	3	4.4	18	-	-	104	90	26	16	12	10	0	0	0	0	0	0	0	0	0	0	-	-	-	
Cheshire																																
West Kirby Park	99	8	20.6	12.8	16.7	-	26.1	2,4	8.3	19	-	-	75	-	19	20	12	9	-	-	-	-	-	0	0	-	-	-	5.15	-	-	
Bidston	99	60	19.3	13.3	16.3	+0.7	25.7	3	10.3	18	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	-	-	5.37	99	-	
Ness Gardens ...	99	55	20.1	12.4	16.3	-	26.6	4	8.8	18	-	-	103	-	29	20	12	9	0	0	0	0	1	1	0	0	-	2	4.78	-	-	
Winnington ...	99	20	20.7	12.2	16.5	-	26.7	3	8.3	18	-	-	86	110	18	19	10	9	0	0	0	0	0	2	0	0	-	0	-	-	-	
Knutsford ...	99	65	20.6	11.2	15.9	-	26.7	3	6.1	18	16.5	15.2	101	117	21	19	11	9	-	0	-	-	-	-	0	0	-	-	-	-	-	
Ringway	21-9	75	20.1	12.2	16.1	+0.4	26.8	3	7.0	18	-	-	93	114	16	21	11	9	0	0	0	0	2	0	0	0	0	0	5.30	109	-	
Macclesfield ...	99	152	19.2	11.8	15.5	0.0	26.1	3	6.7	18	-	-	114	127	22	19	12	11	0	-	0	0	0	0	0	0	-	2	-	-	-	
7b. NORTH WALES																																
Flint																																
Rhyl ...	99	9	19.2	12.8	16.0	+0.2	26.1	4	7.8	19	-	-	81	128	21	15	10	9	0	0	0	0	0	0	0	0	-	2	4.99	92	-	
Prestatyn ...	99	4	19.6	12.9	16.3	-	26.1	3,4	10.0	22.24.28	-	-	80	116	20	20	12	10	0	0	0	0	0	0	0	0	-	1	4.91	95	-	
Hawarden Bridge	99	5	(21.1)	12.1	(16.6)	(+0.4)	26.7	3,4	8.9	29	-	-	101	148	28	20	13	11	0	0	0	0	0	4	0	-	0	-	0	-	-	
Anglesey																																
Valley	99	10	19.2	12.3	15.7	+0.2	26.1	3	7.6	18	-	-	83	112	22	20	9	7	0	0	0	0	1	3	0	0	0	3	5.87	99	-	

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

AUGUST,

1970

DISTRICT, COUNTY AND PLACE	Max. Temp. in G.M.T. of Observation	Height of Station above M.S.L. (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days										BRIGHT SUNSHINE					
			MEANS OF		Daily Mean (mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1916-50 average	MOST IN A DAY		Precip'n		Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure	
			Max. (A)	Min. (B)			Maximum	Date	Minimum	Date					Amount (mm.)	Date	0.2 mm or more	1 in or more														
8a. SOUTH WALES.																																
Cardigan																																
Aberporth ...	21-9	133	17.6	12.4	15.0	-0.1	25.2	3	9.6	14	-	-	43	51	13	15	10	7	0	0	0	0	2	2	0	0	0	2	4.90	-	-	
Gogerddan ...	9 9	31	19.3	11.4	15.3	-	27.2	3	6.1	19	-	-	87	91	14	20	13	11	0	0	0	0	0	0	0	0	0	4.85	-	-		
Swyddffynnon ...	9 9	165	19.1	11.0	15.1	-	25.0	2,3	6.1	30	-	-	132	115	36	20	12	12	-	0	-	-	-	0	0	0	-	4.68	-	-		
Trawscoed ...	9 9	61	19.6	11.1	15.3	-	26.7	3	6.1	18	15.7	-	100	93	20	20	13	10	0	0	0	0	0	0	0	0	0	4.72	-	-		
Llety-evan-hen ...	9 9	290	17.3	11.9	14.6	-	24.4	3	7.8	18	-	-	114	86	20	9	15	12	0	0	0	0	1	0	0	0	0	4.73	101	-		
Cwmystwyth ...	9 9	301	17.6			-	23.9	3	4.4	18	-	-	137	-	29	15	16	13	-	0	-	-	-	0	0	-	-	-	-	-	-	
Pembroke																																
Dale Fort ...	9 9	33	(19.1)	(12.8)	(15.9)	-	23.9	27,28	10.0	18	(16.6)	-	61	-	10	3	13	11	0	0	0	0	1	0	0	0	-	2	-	-	-	
Milford Haven C.B.*	21-9	37	18.6	12.6	15.6	-	23.2	29	8.2	18	-	-	81	-	21	15	14	10	0	0	0	0	1	0	0	0	0	2	-	-	-	
Orielton ...	9 9	61	19.6	11.5	15.5	-	23.9	29	6.7	19	16.1	-	76	-	25	15	12	10	-	0	-	-	0	0	0	-	-	-	-	-	-	
Haverfordwest ...	9 9	8	19.3	10.6	14.9	-	23.3	4,27	3.9	18	-	-	70	-	24	15	14	12	-	-	-	-	-	0	-	-	-	(4.90)	-	-	-	
Carmarthen																																
Carmarthen ...	9 9	15	19.8	10.9	15.3	-	25.6	3	4.4	18	16.9	-	91	-	20	15	16	13	0	0	0	0	1	0	0	0	-	3	5.01	-	-	
Brynamman ...	21-9	183	19.3	11.9	15.6	-	25.1	3	6.0	18	-	-	122	-	31	15	14	11	0	0	0	0	1	0	0	0	-	0	-	-	-	
Radnor																																
Cenarth Mill ...	21-9	282	18.2	9.0	13.6	-	24.5	3	3.2	18	-	-	110	-	23	15	15	9	-	0	-	-	-	1	0	1	-	-	-	-	-	
Llandrindod Wells	9 9	235	19.4	10.6	15.0	+0.1	25.0	3	5.6	25,29	14.8	-	106	132	24	19	16	11	0	0	0	0	0	0	0	-	0	4.31	85	S		
Brecknock																																
Llwynon ...	9 9	262	18.3	9.9	14.1	-	25.0	3	3.3	18	-	-	104	-	29	15	13	10	0	0	0	0	0	0	2	0	-	0	-	-	-	
Glamorgan																																
Mumbles ...	21-9	37	18.5	13.5	16.0	-	22.8	3	9.2	18	-	-	-	-	-	-	-	-	0	0	0	0	1	0	0	0	0	2	-	-	-	
Penmaen ...	9 9	82	18.9	12.8	15.9	-	24.4	3	7.8	18	17.1	16.4	78	-	19	19	13	12	0	0	0	0	3	0	0	0	-	1	-	-	-	
Swansea ...	9 9	8	19.7	13.6	16.7	-0.3	23.9	3,5	6.1	18	18.3	16.9	61	62	21	19	13	11	0	0	0	0	0	0	0	-	0	5.06	86	S		
Port Talbot ...	9 9	7	20.8	13.1	16.9	-	27.2	3	6.1	18	-	-	61	61	22	15	13	10	0	0	0	0	0	0	0	0	-	4.70	-	S		
Neath ...	9 9	62	19.5	12.4	15.9	-	26.1	3	6.1	18	-	-	72	64	25	15	16	13	0	0	0	0	1	0	0	0	-	1	-	-	-	
Rhoose ...	21-9	67	19.6	12.2	15.9	-	26.8	3	9.0	18	-	-	91	-	29	19	15	12	0	0	0	0	4	0	0	0	0	0	5.29	85	-	
Cardiff ...	9 9	62	20.3	12.5	16.4	-0.1	27.2	3	8.3	18	16.8	15.4	85	87	29	15	14	10	0	-	0	0	0	1	0	-	-	4.61	-	S		
Monmouth																																
Tredegar ...	9 9	313	18.4	10.7	14.5	-	25.6	3	4.4	18	-	-	109	84	33	15	14	11	0	0	0	0	0	2	0	0	-	1	-	-	S	
Newport ...	9 9	23	20.4	(11.4)	(15.9)	(-0.6)	27.8	3	6.7	2,18	-	-	86	91	18	15	14	14	0	0	0	0	2	0	0	0	-	0	4.97	-	-	
Usk ...	9 9	21	(20.9)	9.9	(15.4)	-	28.9	3	2.8	18	(16.8)	-	77	87	20	15	10	8	-	0	-	-	-	11	0	0	-	(3.97)	-	-	-	
Crumbland ...	9 9	245	18.5	11.4	14.9	-	25.0	3	6.7	18	15.4	14.2	97	106	24	19	14	10	-	0	-	-	-	3	0	0	-	4.84	-	-	-	
8b. ENGLAND, S.W.																																
Somerset																																
Hawkrigde ...	9 9	314	17.7	11.1	14.4	-	23.3	3	5.6	18	-	-	116	94	44	19	19	13	0	0	0	0	2	1	0	0	-	0	5.13	-	-	
Nettlecombe ...	9 9	96	19.6	11.0	15.3	-	25.6	2	5.0	18	17.1	-	164	-	78	19	14	11	0	0	0	0	2	1	0	0	-	1	-	-	-	
Cannington ...	9 9	29	20.3	12.6	15.5	-	27.8	3	8.3	18	16.8	-	95	132	41	19	13	8	0	0	0	0	0	0	0	0	-	0	4.76	76	-	
Weston-super-Mare	9 9	9	-	13.5	-	-	-	-	10.6	18,24,29	-	-	90	103	42	19	11	10	0	0	0	0	1	0	0	0	-	0	4.98	81	-	
Cricket Malherbie	9 9	76	20.7	11.3	16.0	-	27.2	3	4.4	18	-	-	89	-	29	19	16	11	0	-	0	0	1	2	0	0	-	0	-	-	-	
Cheddar ...	9 9	11	-	(12.6)	-	-	-	-	8.9	18	(17.0)	-	83	-	31	19	12	7	0	0	-	-	-	0	-	0	-	-	-	-	-	
Yeovilton ...	21-9	18	20.9	11.2	16.1	-	28.6	3	4.4	18	-	-	100	-	23	21	13	11	0	0	0	0	2	0	0	0	0	0	-	-	-	
Rodney Stoke ...	9 9	40	-	-	-	-	-	-	-	-	17.5	15.6	80	-	31	19	13	10	-	0	-	-	-	4	0	0	-	-	-	-	-	
Long Ashton ...	9 9	49	20.3	12.1	16.2	-0.1	27.8	3	6.7	18	17.2	-	64	71	22	19	11	9	0	0	0	0	0	0	0	0	0	5.05	86	-		
West Camel ...	9 9	27	21.2	10.4	15.8	-	28.3	3	3.3	18	-	-	93	-	21	21	14	11	0	0	0	0	2	0	0	0	-	0	-	-	-	
Wincanton ...	9 9	114	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Bath C.B.S.**	9 9	118	20.1	12.4	16.3	-	26.1	3	7.8	18	16.9	-	67	91	13	19	15	11	0	0	0	0	2	1	0	-	-	0	-	-	-	
Dorset																																
Portland Bill C.G.	21-9	53	18.6	13.8	16.2	-	21.8	4	10.8	18	-	-	56	-	14	18	12	9	0	0	0	0	2	2	0	0	0	6.13	-	-		
Weymouth ...	9 9	23	19.7	12.2	15.9	-	24.4	5	5.6	18	-	-	70	-	15	18	12	9	0	0	0	0	1	0	0	-	0	5.92	-	-		
Winfrith ...	9 9	26	20.4	10.8	15.6	-	27.2	3	0.0	18	-	-	51	-	18	18	12	10	-	0	-	-	-	0	1	-	-	-	-	-	-	
Shaftesbury ...	9 9	207	19.6	11.4	15.5	-0.1	26.7	3	6.1	18	-	-	79	112	19	18	15	13	-	0	-	-	-	0	0	-	-	-	-	-	-	
Swanage ...	9 9	11	19.8	13.2	16.5	-	23.3	3,8,30	7.2	18	-	16.3	34	57	9	5	11	6	0	-	0	0	0	1	0	0	-	1	6.53	93	-	
Poole ...	9 9	8	20.8	12.1	16.5	-	25.6	3,4	3.9	18	17.4	16.3	46	73	15	18	10	6	0	0	0	0	0	0	0	0	-	0	6.00	89	-	
Devon																																
Virginstow ...	9 9	168	19.4	11.0	15.2	-	26.2	2	5.0	18	-	-	103	-	17	5	17	15	0	-	0	0	1	0	0	0	-	0	-	-	-	
Hartland Point	21-9	91	17.9	13.3	15.6	-	22.6	3	8.2	21	-	-	100	131	34	19	15	11	0	0	0	0	1	1	0	0	0	2	5.89	95	-	
Mount Batten	21-9	27	19.2	12.7	15.9	-0.3	24.7	4	6.2	18	-	-	92	127	18	5	15	11	0	0	0	0	1	4	0	0						

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

AUGUST,

1970

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DISTRICT, COUNTY AND PLACE	Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)			WEATHER Number of Days												BRIGHT SUNSHINE				
				MEANS OF		Daily Mean (mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1916-50 average	MOST IN A DAY		Precip'n 0.2 mm or more	1.0 mm or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure	
				Max. (A)	Min. (B)			Maximum	Date	Minimum	Date					Amount (mm)	Date																
9. NORTHERN IRELAND																																	
Londonderry																																	
Loughermore Forest	9 9	174	18.0	9.3	13.7	-	24.1	5	2.5	11	-	-	128	-	80	15	15	11	0	0	0	0	1	0	0	2	-	1	-	-	-		
Ballykelly	21-9	2	18.9	10.7	14.8	+0.1	25.1	5	2.4	18	16.4	14.3	93	108	60	15	10	9	0	0	0	0	2	0	0	0	0	5.00	109	-	-		
Banagher, Caugh Hill			18.1	9.9	14.0	-	23.0	5	5.0	18	-	-	119	-	67	15	14	10	0	0	0	0	2	1	0	0	-	0	-	-	-		
Derrynoyd Forest	9 9	88	19.5	9.7	14.6	-	24.5	5	2.8	18	-	-	107	-	71	15	12	9	0	0	0	0	1	4	0	1	-	-	-	-	-		
Somerset Forest	9 9	43	18.7	9.4	14.1	-	24.7	4	4.5	18	-	-	101	-	48	15	11	9	0	0	0	0	0	0	0	0	-	-	-	-	-		
Coleraine Univ....	9 9	23	18.2	10.4	14.3	-	24.4	5	5.6	18	15.3	13.5	96	-	55	15	12	10	0	0	0	0	2	0	0	0	-	0	4.28	-	-		
Garvagh Forest	9 9	88	18.5	9.6	14.1	-	24.4	5	3.9	18	16.7	14.1	118	-	61	15	14	12	0	0	0	0	1	1	0	0	-	-	-	-	-		
Moneydig	21-9	34	18.9	9.8	14.3	0.0	24.1	5	3.5	18	16.0	-	98	97	54	15	12	12	0	0	0	0	1	2	0	1	0	0	-	-	-		
Antrim																																	
Portrush Golf Club	9 9	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Ballymoney	9 9	55	18.8	9.7	14.3	-	24.5	3	4.9	18	-	-	103	-	(54)	15	11	10	0	0	0	0	0	0	0	0	-	-	-	-	-		
Lisnafillan	9 9	38	18.9	10.3	14.6	-	24.4	5	2.2	18	-	-	92	-	54	15	11	9	0	0	0	0	1	0	1	-	-	5.05	-	-	-		
Aldergrove	21-9	68	19.1	10.7	14.9	+0.4	23.8	3	4.7	18	15.4	12.9	107	117	66	15	15	8	0	0	0	0	2	3	0	0	0	4.96	114	-	-		
Greenmount	9 9	32	19.2	10.4	14.8	-	26.1	5	2.8	18	16.3	-	112	-	68	15	16	9	0	0	0	0	0	0	0	-	-	-	-	-	-		
Altnahinch	9 9	226	17.0	9.9	13.5	-	22.2	5	2.2	18	-	-	140	-	70	15	16	11	0	0	1	0	0	1	0	0	-	3	5.49	-	-	-	
Parkmore Forest	9 9	235	16.8	9.4	13.1	-	21.1	5	3.3	18	13.9	-	177	117	88	15	12	12	0	0	0	0	3	0	0	-	1	-	-	-	-		
Black Mountain	21-9	295	16.9	10.1	13.5	-	21.0	4,28	5.1	17	-	-	148	-	105	15	14	10	0	0	0	0	9	0	-	-	1	-	-	-	-		
Lowtown	9 9	271	16.7	9.3	13.0	-	20.6	6	3.9	18	14.0	-	149	-	96	15	10	7	0	0	0	0	2	0	1	-	1	4.90	-	-	-		
Ballypatrick Forest	9 9	152	17.2	10.0	13.6	-	22.5	6	6.4	18	-	-	119	102	70	15	15	9	0	0	0	0	4	0	0	-	0	4.80	98	-	-	-	
Belfast, Malone*	9 9	35	19.1	10.8	14.9	-	22.8	28	4.4	18	16.1	-	115	-	81	15	12	7	0	0	0	0	2	0	0	-	-	5.11	-	-	-	-	
Newtownabbey	9 9	32	18.6	11.8	15.2	-	22.2	28	5.6	18	16.3	-	119	-	85	15	12	9	0	0	0	0	2	0	0	-	1	5.15	-	-	-		
Woodburn, North	9 9	217	16.9	10.4	13.7	-	21.1	6	3.9	18,26	-	-	150	140	98	15	12	9	0	0	0	0	10	0	0	-	-	-	-	-	-		
Larne	9 9	43	19.1	10.7	14.9	-	23.0	6	6.7	26	-	-	110	118	74	15	11	7	0	0	0	0	0	0	0	-	-	-	-	-	-		
Kilroot	9 9	22	18.3	10.4	14.3	-	22.8	6	5.0	18	-	-	148	-	118	15	7	6	0	0	0	0	2	0	0	-	-	-	-	-	-		
Ballylumford	9 9	24	18.3	11.2	14.7	-	22.2	5,6	7.8	18,26	-	-	104	-	75	15	13	6	0	0	0	0	-	0	0	-	-	-	-	-	-		
Down																																	
Hillsborough	9 9	116	18.3	10.2	14.3	+0.1	22.2	4	3.9	18	15.0	13.1	100	120	74	15	13	8	0	0	0	0	4	0	2	-	0	5.30	123	-	-	-	
Kilkeel	21-9	18	17.4	11.4	14.4	-0.3	22.0	4	5.3	18	-	-	73	-	42	15	14	8	0	0	0	0	3	0	0	0	2	4.98	-	-	-	-	
Tollymore Park	9 9	76	18.5	10.3	14.4	-	22.2	29	4.4	18	-	-	107	88	71	15	12	9	0	0	0	0	6	0	0	-	-	-	-	-	-		
Rosetta	9 9	24	19.3	11.3	15.3	-	23.3	6,28	5.6	18	-	-	(126)	(90)	15	12	8	0	0	0	0	0	2	0	-	-	-	-	-	-	-		
Murlough	9 9	9	18.3	9.6	13.9	-	22.8	6	3.3	25	15.1	13.5	67	-	43	15	9	6	0	0	0	0	3	0	0	-	2	5.07	-	-	-	-	
Stormont Castle	9 9	56	19.1	11.2	15.1	-	22.8	4,6	5.6	18	16.1	14.3	121	141	92	15	10	8	0	0	0	0	7	0	0	-	2	5.46	-	-	-	-	
Downpatrick	9 9	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Creighton's Green	9 9	119	17.8	10.6	14.2	-	21.7	4,28	6.1	18,26	-	-	136	-	98	15	10	8	0	0	1	0	2	0	0	-	0	-	-	-	-	-	
Reagh Island**	9 9	12	19.1	11.6	15.0	-	23.9	6	6.7	18	-	-	76	-	52	15	10	7	0	0	0	0	2	0	0	-	1	5.58	-	-	-	-	
Helen's Bay	9 9	43	18.8	11.4	15.1	-	22.8	3,28	7.2	18	-	-	125	-	96	15	10	6	0	0	0	1	3	0	0	-	2	5.48	-	-	-	-	
Killough	21-9	15	16.7	11.0	13.9	-	19.6	4	5.2	18	-	-	78	-	35	15	9	6	0	0	0	1	4	0	0	0	2	-	-	-	-	-	
Ballyhalbert	9 9	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.37	-	-	-	-	
Armagh																																	
Armagh	9 9	62	20.1	10.6	15.3	+0.4	23.9	1,5,28	5.0	18	17.6	15.6	102	119	78	15	11	8	0	0	0	0	2	3	0	0	-	1	4.29	100	-	-	-
Loughall	9 9	25	19.2	10.3	14.7	-	23.9	3	4.4	18,19	-	-	99	125	69	15	12	8	0	0	0	0	2	4	0	2	-	2	4.83	-	-	-	-
Bessbrook	9 9	76	-	-	-	-	-	-	-	-	-	-	78	79	55	15	10	8	-	-	-	-	-	-	-	-	-	-	5.04	109	-	-	-
Portadown	9 9	16	19.7	10.8	15.3	-	24.4	3,4	3.3	18	16.3	14.6	87	-	65	15	12	9	0	0	0	0	-	0	0	-	-	-	-	-	-	-	
Lurgan	9 9	55	19.4	10.9	15.1	-	23.3	3,4	3.3	18	16.3	14.5	91	-	66	15	12	8	-	-	-	-	-	0	1	-	-	4.97	-	-	-	-	
Tyrone																																	
Lough Bradan	9 9	169	18.0	9.8	13.9	-	23.9	6	6.1	26	-	-	125	-	69	15	14	10	-	0	0	-	-	3	0	0	-	-	4.65	-	-	-	-
Baronscourt Forest	9 9	88	18.9	10.3	14.6	-	24.3	5	5.0	18	-	-	94	-	64	15	12	9	0	0	0	0	2	2	0	0	-	-	-	-	-	-	
Strabane Convent	9 9	44	19.8	10.8	15.3	-	25.8	5	6.1	18	-	-	108	-	78	15	12	10	0	0	0	0	1	3	0	0	-	2	4.33	-	-	-	-
Carrigans	21-9	113	18.9	10.1	14.5	-	24.7	6	4.4	18	-	-	109	-	73	15	16	8	0	0	0	0	2	4	0	0	0	-	-	-	-	-	
Lislap Forest	9 9	209	18.8	8.7	13.7	-	23.3	5,6	3.3	18	15.6	-	101	85	57	15	15	12	0	0	0	0	1	3	0	0	-	0	-	-	-	-	
Knockmany Forest	9 9	73	19.1	8.4	13.7	-	23.8	6	2.9	18	-	-	75	72	53	15	10	7	0	0	0	0	1	7	0	0	-	-	-	-	-	-	
Pomeroy Forest	9 9	165	18.6	9.9	14.3	-	22.8	3	4.4	18	15.8	-	96	-	69	15	10	8	0	0	0	0	2	8	0	0	-	2	-	-	-	-	
Cookstown	9 9	77	18.8	10.2	14.5	-	22.8	3,6	3.3	18	15.7	-	115	120	85	15	16	9	0	0	0	0	5	0	0	-	-	4.63	-	-	-	-	
Fermanagh																																	
Roscor	9 9	143	18.2	10.5	14.3	-	23.5	5	7.0	14,19	-	-	106	88	62	15	15	7	0	0	0	0	2	0	0	-	-	-	-	-	-	-	
Lough Navar Forest	9 9	148	18.6	10.0	14.3	-	24.3																										

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS AUGUST, 1970

Height of Barometer above M.S.L. in metres	Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Metres and Kilometres)								WIND SPEED AND DIRECTION																	
		At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	Mean	0	1-2	3-5	6-7	8	9	0-39 m.	40-190 m.	200-390 m.	400-590 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	
																									SPEED IN KNOTS													
																									8 or more	6-7	4-5	1-3	Calm									
																									34 or more	22-33	11-21	1-10	0									
Number of Observations																																						
6a. SCOTLAND, W. - contd.																																						
Abbotsinch [Renfrew]																																						
9	3	1014.7	-	12.5	0.8	13.3	92	6.2	1	4	2	10	12	2	0	1	0	1	2	6	8	5	7	1	0	0	3	20	8	1	5	7	1	1	1	7	0	
	9	1014.8	+2.0	14.7	1.6	13.9	83	6.2	1	2	4	15	9	0	0	0	0	1	3	5	10	5	2	5	0	1	10	17	3	3	5	5	0	4	6	4	1	
	15	1014.2	-	18.2	3.5	14.0	67	5.2	0	6	9	10	6	0	0	0	0	0	0	13	6	5	7	0	0	0	12	17	2	1	5	3	0	5	6	5	4	
	21	1014.5	-	14.1	1.2	14.0	86	5.2	2	9	0	11	9	0	0	0	0	0	0	7	10	4	8	2	0	0	5	23	3	1	3	6	2	2	9	5	0	
Salsburgh [Lanark]																																						
	9	-	-	12.8	0.8	13.5	91	6.9	0	4	1	4	17	5	0	2	1	2	2	7	9	6	1	1	1	0	14	13	3	2	1	7	0	3	10	4	1	
	15	-	-	16.1	2.3	14.0	77	6.0	1	3	7	5	13	2	0	0	1	1	1	8	10	4	4	0	0	2	15	12	2	1	4	4	0	4	3	10	3	
	21	-	-	12.4	0.6	13.4	93	5.5	3	3	7	3	10	5	1	2	0	3	2	2	6	13	2	0	0	1	15	13	2	1	2	8	1	3	6	8	0	
Prestwick [Ayr]																																						
	3	1014.4	-	12.3	0.7	13.3	92	5.2	4	2	7	8	9	1	0	0	1	0	0	5	8	13	3	1	0	1	3	22	5	2	2	6	4	6	0	2	4	
	9	1014.6	+1.8	15.2	1.8	14.1	82	5.6	0	7	5	10	9	0	0	0	0	0	3	14	6	7	1	0	1	6	21	3	3	6	6	0	3	4	3	3		
	15	1014.3	-	17.7	3.3	13.9	70	5.3	0	4	11	10	5	1	0	0	0	1	0	1	7	11	5	6	0	1	11	19	0	1	0	2	1	6	0	15	6	
	21	1014.4	-	13.5	1.0	13.8	88	5.1	0	8	5	11	6	1	0	1	0	0	0	2	10	12	3	3	0	1	3	20	7	2	3	4	4	4	2	3	2	
Eskdalemuir [Dumfries]																																						
237	3	1014.9	-	10.5	0.5	12.1	94	5.9	4	2	3	4	13	5	1	4	0	3	2	6	6	5	4	0	0	1	2	12	16	2	5	1	0	1	3	3	0	
	9	1014.7	+1.8	14.0	1.5	13.4	84	5.8	1	4	4	16	6	0	0	0	1	1	1	9	9	7	2	0	2	9	13	7	2	7	3	1	7	2	2	0		
	15	1014.0	-	17.2	3.0	13.8	71	5.4	0	6	5	16	4	0	0	0	0	0	1	1	6	9	11	3	0	2	10	19	0	1	2	5	2	7	4	9	1	
	21	1014.8	-	12.3	0.9	12.9	89	4.5	1	10	5	7	7	1	0	0	1	2	2	3	7	6	8	2	0	2	3	15	11	3	5	0	1	2	3	5	1	
Mull of Galloway [Wigtown]																																						
79	3	1014.1	-	12.8	0.6	13.9	93	3.8	11	3	5	2	10	0	0	0	0	1	0	2	3	8	7	10	1	3	6	12	9	5	0	4	1	5	2	2	3	
	9	1014.9	-	13.8	1.1	13.8	87	5.2	3	5	8	7	3	0	2	0	2	0	1	1	11	10	4	1	5	10	7	8	1	2	6	0	5	3	0	6		
	15	1014.7	-	15.9	2.1	14.2	79	5.5	3	3	7	9	8	1	0	0	1	0	3	2	1	11	8	5	1	3	9	8	10	2	0	3	0	6	4	0	6	
	21	1014.4	-	13.6	1.2	13.5	87	4.5	6	5	5	7	7	1	0	0	0	1	1	1	4	11	7	6	0	5	4	15	7	7	1	2	1	5	5	0	3	
6b. ISLE OF MAN																																						
Ronaldsway																																						
21	3	1014.4	-	12.9	0.8	13.5	90	4.9	3	8	2	7	11	0	0	0	0	0	0	4	8	10	5	4	0	1	5	23	2	8	3	4	1	4	2	6	1	
	9	1015.0	+1.4	15.3	1.6	14.5	83	5.1	1	7	5	13	5	0	0	0	0	1	1	5	4	12	2	6	0	1	12	18	0	4	4	9	0	4	5	2	3	
	15	1015.0	-	16.9	2.4	14.6	76	5.3	0	8	4	10	9	0	0	0	0	0	2	6	4	9	3	7	0	2	9	20	0	2	3	6	2	9	2	4	3	
	21	1014.9	-	13.7	1.2	13.6	86	5.4	2	4	5	13	7	0	0	0	0	0	1	4	10	7	4	5	0	2	5	19	5	7	6	1	2	2	3	3	2	
Point of Ayre																																						
9	3	1014.3	-	13.2	0.7	14.0	92	4.6	7	3	4	9	8	0	0	0	0	1	0	1	11	5	9	4	2	0	6	16	7	2	4	1	3	3	5	4	2	
	9	1014.9	-	15.4	1.4	15.0	86	5.4	3	2	6	16	4	0	0	1	0	0	1	3	6	6	10	4	0	3	12	13	3	3	4	6	2	4	3	1	5	
	15	1014.8	-	17.1	2.3	15.1	78	5.2	2	4	7	13	5	0	0	0	0	3	1	1	3	10	8	5	1	3	8	20	1	2	6	5	2	3	3	5	4	
	21	1014.7	-	13.6	0.9	14.0	89	5.2	1	8	5	9	8	0	0	0	0	1	0	2	8	8	7	5	0	2	8	13	8	2	2	2	1	2	4	8	2	
2. ENGLAND, N.E.																																						
Acklington [Northumberland]																																						
46	3	1014.5	-	11.6	0.4	13.1	95	5.8	2	4	4	8	9	4	0	2	2	2	3	3	6	2	8	3	0	0	4	23	4	4	3	0	2	2	3	10	3	
	9	1014.4	+1.4	15.0	1.6	14.2	83	5.5	3	3	6	8	10	1	0	1	0	0	1	6	8	6	3	6	0	3	5	21	2	5	5	3	2	3	4	4	3	
	15	1014.0	-	16.9	2.4	14.8	77	5.3	1	5	6	15	4	0	0	0	0	0	1	2	7	11	3	7	0	2	12	16	1	2	6	7	2	4	2	6	1	
	21	1014.5	-	12.9	0.6	13.9	92	5.3	2	5	6	7	8	3	0	3	1	0	4	2	9	7	1	4	0	0	5	19	7	5	3	1	1	2	2	5	2	
Tynemouth [Northumberland]																																						
40	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	9	1014.7	+1.4	14.3	1.4	13.9	86	5.8	3	2	6	6	10	4	0	4	0	0	3	4	10	3	7	0	0	2	9	12	8	7	1	1	0	3	4	6	1	
	15	1014.4	-	15.4	1.8	14.2	82	6.0	2	0	8	11	5	5	0	5	0	0	4	2	7	5	8	0	0	1	9	20	1	7	4	2	6	4	2	5	0	
	21	1014.6	-	14.3	1.2	14.2	87	6.0	2	2	7	5	9	6	0	6	0	0	1	4	8	8	4	0	0	0	7	19	5	5	1	2	2	8	2	5	1	
Seahouses [Northumberland]																																						
12	3	1014.8	-	12.1	0.4	13.6	95	5.4	5	3	4	5	9	5	0	5	0	1	1	0	10	11	3	0	0	1	4	23	3	4	3	3	2	3	4	8	1	
	9	1014.8	-	14.0	1.1	14.1	88	5.4	2	5	7	4	10	3	0	2	0	1	2	2	10	3	7	4	0	1	5	24	1	8	3	6	3	3	2	3	2	
	15	1014.4	-	15.7	1.7	14.8	83	6.1	1	2	7	10	10	1	1	0	1	1	2	4	5	4	7	6	0	2	5	22	2	6	3	9	4	1	3	2	1	
	21	1014.6	-	13.3	0.7	14.1	92	5.8	1	4	8	5	11	2	0	3	0	1	2	5	4	11	4	1	0	0	4	26	1	2	3	3	3	3	12	0	7	
Leeming [Yorks, N.Riding]																																						
33	3	1014.8	-	12.8	0.9	13.4	90	5.9	4	3	2	5	14	3	0	1	1	3	5	4	6	3	4	4	0	0	6	21	4	6	2	1	4	4	2	6	2	
	9	1014.9	+1.0	15.3	1.8	14.1	81	6.1	2	1	4	14	8	2	0	0	1	1	3	3	13	1	3	6	0	1	6	23	1	9	2	0	1	9	2	4	3	
	15	1014.3	-	19.9	4.5	14.0	61	4.9	1	8	8	8	6	0	0	0	0	0	3	6	7	7	8	0	2	10	19	0	4	4	5	2	4	2	6	4		
	21	1015.0	-	15.0	1.7	14.1	82	4.8	3	6	5	8	8	1	0	0	2	1	2	5	10	2	7	2	0	0	4	23	4	7	2	0	2	4	1	10	1	
Whitby C.G. [Yorks, N.Riding]																																						
66	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	15	1014.4	-	16.6	2.5	14.3	78	5.7	1	4	8	6	7	5	0	4	0	1	0	0	6	15	5	0	0	1	5	23	3	3	6	6	2	2	5	3	2	
	21	1014.7	-	14.0	1.2	13.9	87	5.6	3	4	5	6	9	4	0	4	0	0	0	0	9	16	2															

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS

AUGUST,

1970

Height of Barometer above M.S.L. in metres	Hour of Observation (GMT)	MEAN PRESSURE IN mbs		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Okta)						VISIBILITY (Metres and Kilometres)										WIND SPEED AND DIRECTION													
		At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	Mean	0	1-2	3-5	6-7	8	9	0-39 m.	40-190 m.	200-390 m.	400-990 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
																									SPEED IN KNOTS												
																									8 or more	4-7	4-5	1-3	Calm								
																									34 or more	22-33	11-21	1-10	0								
Number of Observations																																					
3. ENGLAND, E. contd.																																					
Honington [Suffolk]																																					
51	3	1015.1	-	12.5	0.8	13.3	90	5.1	5	5	2	5	11	3	0	4	0	1	4	3	12	6	0	1	0	0	4	22	5	4	6	3	2	4	4	1	
	9	1015.4	+0.7	16.2	2.2	14.4	78	5.5	1	5	5	11	9	0	0	0	0	1	4	15	5	4	2	0	1	7	21	2	3	5	5	2	3	4	3		
	15	1014.7	-	20.2	5.3	12.9	56	5.9	1	1	6	16	7	0	0	0	0	1	0	9	7	9	5	0	0	9	22	0	2	5	8	1	4	5	4		
	21	1015.3	-	15.3	2.2	13.4	77	4.6	4	6	6	9	5	1	0	1	0	1	2	12	6	8	1	0	0	2	27	2	2	8	5	5	3	2	4		
Wattisham [Suffolk]																																					
91	3	1015.2	-	12.5	0.7	13.5	92	3.9	9	6	4	5	6	1	0	2	0	2	3	9	7	5	2	1	0	0	3	27	1	7	7	1	3	4	3	2	
	9	1015.5	-	16.2	2.1	14.5	78	5.0	0	9	6	10	6	0	0	0	0	1	5	10	8	3	4	0	2	5	24	0	3	7	4	2	4	5	3		
	15	1014.8	-	20.0	5.0	13.2	57	5.3	2	3	9	12	5	0	0	0	0	0	2	8	12	6	3	0	1	9	21	0	2	4	4	6	5	2	8		
	21	1015.5	-	15.1	1.8	13.9	80	4.3	6	3	9	9	4	0	0	0	0	0	5	13	8	4	1	0	0	3	28	0	1	7	6	5	4	2	6		
Aldborough [Suffolk]																																					
9	3	1015.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	9	1015.8	-	-	-	-	-	4.3	4	6	8	7	6	0	0	1	0	2	2	15	11	0	0	0	2	8	21	0	5	7	4	2	2	4	3		
	15	1015.0	-	-	-	-	-	3.7	5	8	7	5	6	0	0	1	0	2	1	13	14	0	0	0	13	18	0	1	9	4	4	5	2	5	1		
	21	1015.1	-	-	-	-	-	3.4	10	6	3	8	4	0	0	0	0	0	1	12	18	0	0	0	10	19	2	6	6	4	3	5	0	5	0		
Wytton [Hunts]																																					
43	3	1015.2	-	12.5	0.7	13.4	91	4.5	8	4	4	2	9	4	0	2	2	5	0	7	9	5	1	0	0	0	2	23	6	5	3	3	3	3	4	1	
	9	1015.6	-	15.6	1.6	14.8	83	5.8	2	3	6	8	12	0	0	0	0	1	6	16	4	3	1	0	0	5	22	4	5	5	2	2	1	7	4		
	15	1014.8	-	20.3	4.8	14.0	59	5.8	0	3	7	16	5	0	0	0	0	1	1	14	6	9	0	0	0	9	22	0	4	5	4	3	1	6	6		
	21	1015.4	-	15.7	2.1	13.9	78	5.1	4	4	6	9	7	1	0	0	0	1	0	6	15	4	5	0	0	0	2	28	1	1	10	4	2	3	6	3	
Cardington [Bedford]																																					
29	3	1015.4	-	11.7	0.4	13.2	95	4.4	9	5	1	4	12	0	0	2	0	3	4	6	11	5	0	0	0	4	21	6	1	6	5	0	3	4	5		
	9	1015.9	+1.0	15.7	1.6	14.9	84	5.9	2	3	5	9	12	0	0	0	0	0	2	7	11	6	5	0	1	5	25	0	4	7	5	1	3	5	4		
	15	1014.9	-	20.4	4.7	14.1	60	5.8	0	4	6	15	6	0	0	0	0	1	1	6	13	10	0	0	1	4	26	0	3	8	3	2	4	2	7		
	21	1015.6	-	14.9	1.5	14.3	84	4.3	4	10	2	5	10	0	0	0	0	1	2	2	13	11	2	0	0	4	26	1	1	8	3	5	2	4	6		
Stansted [Essex]																																					
102	3	1015.2	-	12.5	0.7	13.4	92	4.1	9	6	2	2	10	2	0	1	1	1	3	12	7	4	2	0	0	2	21	8	4	4	3	0	2	6	2		
	9	1015.6	+0.4	16.2	2.1	14.5	78	4.8	3	6	5	10	6	1	0	0	0	1	9	10	5	4	1	0	0	4	20	7	5	1	6	0	2	5	2		
	15	1014.7	-	20.5	5.1	13.7	58	5.0	1	4	11	11	4	0	0	0	0	0	2	5	14	7	3	0	0	6	24	1	3	2	8	3	4	2	7		
	21	1015.6	-	15.3	1.8	14.1	80	3.8	7	7	6	6	5	0	0	0	0	1	5	14	6	5	0	0	0	1	26	4	3	4	8	1	2	6	3		
Shoeburyness [Essex]																																					
5	9	1015.2	+0.3	16.9	1.9	15.7	81	5.7	1	5	5	12	8	0	0	0	0	3	1	6	9	4	7	1	0	8	22	1	2	8	5	1	4	5	2		
	15	1014.8	-	19.2	3.1	16.0	72	5.2	1	6	7	11	6	0	0	0	0	1	1	2	11	7	7	2	0	13	17	1	1	2	12	2	5	6	2		
	21	1015.2	-	16.1	1.4	15.7	85	4.0	4	8	8	6	4	1	0	1	0	0	2	3	10	11	3	1	0	6	23	2	1	8	5	2	4	7	2		
Walton-on-Naze [Essex]																																					
8	3	1015.1	-	15.1	1.4	14.7	85	4.1	8	6	2	6	7	2	0	0	1	1	2	4	8	15	0	0	0	1	8	21	1	8	3	5	0	2	5	4	
	9	1015.6	-	17.2	2.5	14.9	76	5.0	1	3	15	4	8	0	0	0	0	0	2	6	10	13	0	0	0	15	14	2	4	5	4	3	5	1	6		
	15	1015.3	-	18.8	3.3	15.2	70	4.3	3	6	8	9	4	1	0	1	0	0	0	3	10	17	0	0	0	13	17	0	1	5	8	4	4	6	3		
	21	1015.6	-	16.8	2.2	15.1	79	4.5	5	3	11	5	7	0	0	0	0	1	3	10	17	0	0	0	0	13	18	0	2	6	5	3	3	4	7		
4. MIDLAND COUNTIES																																					
Huddersfield Oakes [Yorks, W.R.]																																					
235	3	1015.0	-	11.8	0.9	12.5	90	7.3	0	0	3	5	22	1	1	5	2	0	2	4	12	4	1	0	0	1	6	13	11	2	3	1	1	1	3	6	
	9	1015.4	+1.5	14.8	1.5	14.2	85	6.1	1	2	5	11	12	0	0	0	0	4	2	8	7	5	5	0	0	5	20	6	2	8	2	0	0	6	7		
	15	1014.8	-	18.4	3.6	14.2	68	5.7	0	4	8	10	9	0	0	0	0	2	0	1	8	13	7	0	0	8	21	2	2	4	6	1	1	4	7		
	21	1015.4	-	13.7	1.2	13.6	86	5.1	4	4	5	5	13	0	0	0	0	2	0	3	13	10	3	0	0	7	13	11	0	7	1	0	3	1	5		
Watnall [Nottingham]																																					
119	3	1015.1	-	12.4	0.5	13.8	94	5.3	3	8	2	2	14	2	0	0	0	3	8	4	12	3	1	0	0	0	5	19	7	4	8	1	1	1	3	5	
	9	1015.4	+0.9	15.5	1.7	14.6	83	5.2	3	5	5	10	8	0	0	1	0	1	4	5	9	8	2	1	0	1	8	19	3	5	7	3	1	2	3	7	
	15	1014.6	-	19.6	4.0	14.7	65	5.5	0	6	7	12	6	0	0	0	0	1	2	9	5	10	4	0	0	10	19	2	0	7	7	0	2	4	8		
	21	1015.3	-	14.6	1.4	14.2	85	4.9	1	8	7	7	8	0	0	0	0	5	3	13	9	1	0	0	0	3	21	7	1	8	5	0	2	1	7		
Finningley [Nottingham]																																					
14	3	1014.8	-	13.1	0.7	13.9	92	5.1	5	5	3	5	12	1	0	1	0	2	8	11	3	2	2	0	0	4	19	8	8	2	0	3	3	1	3		
	9	1015.1	+0.9	16.2	2.0	14.8	80	5.1	3	3	7	13	5	0	0	1	0	2	5	13	7	1	2	0	0	7	22	2	4	7	2	1	5	4	5		
	15	1014.5	-	20.4	4.4	14.9	63	5.3	1	6	4	15	5	0	0	0	0	0	0	11	10	8	2	0	1	9	18	3	3	3	7	1	1	4	9		
	21	1015.1	-	15.3	1.6	14.5	83	4.8	4	4	7	7	9	0	0	0	0	0	5	17	8	1	0	0	0	4	22	5	4	2	4	4	1	2	8		
Wittering [Northampton]																																					
67	3	1015.0	-	12.5	0.6	13.6	93	4.3	11	1	3	4	9	3	0	4	0	3	2	6	7	8	0	1	0	0	5	22	4	6	3	3	2	3	3	6	
	9	1015.4	+0.6	15.8	1.9	14.5	81	5.3	4	3	4	9	10	0	0	0	0	3	5	9	6	7	1	0	1	9	21	0	3	7	1	3	2	5	8		
	15	1014.6	-	19.4	4.1	14.2	64	5.7	1	4	6	13	7	0	0	0	0	0	3	8	10	5	5	0	1	11	19	0	4	6	5	3	3	4	6		
	21	1015.2	-	15.4	1.7	14.3	82	4.5	5	4	6	12	4	0	0	0	0	3	12	5	7	1	0	0	0	3	27	1	2	9	5	1	2	4	7		
Edgbaston [Warwick]																																					
165	9	1015.8	+0.8	14.6	1.6	13.7	83	6.0	0	5	4	10	12	0	0	0	0	3	2	4	12	5	2	3	0	1	5	20	5	6	5	1	2	4	3	5	
	15	1014.9	-	19.																																	

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS

AUGUST,

1970

Height of Barometer above M.S.L. in metres	Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Okta)					VISIBILITY (Metres and Kilometres)								WIND SPEED AND DIRECTION																	
		At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	MEAN	0	1-2	3-5	6-7	8	9	0-10 m.	10-100 m.	200-300 m.	400-500 m.	1000-1500 m.	2000-3000 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	
																									SPEED IN KNOTS													
																									8 or more	4-7	4-5	1-3	Calm									
																									24 or more	22-33	11-21	1-10	0									
Number of Observations																																						
4. MIDLAND COUNTIES — contd.																																						
Little Rissington [Gloucester]																																						
229	3	1015.3	-	12.6	0.8	13.2	90	5.3	6	3	2	6	13	1	0	2	0	3	4	3	10	4	3	2	0	1	4	25	1	6	4	6	1	2	6	1		
	9	1015.8	+0.6	14.4	1.6	13.6	83	5.6	3	3	5	8	12	0	0	1	1	0	1	5	12	2	3	6	0	1	8	21	1	3	6	6	1	2	7	3		
	15	1014.9	-	18.4	4.1	13.2	63	5.9	1	1	9	16	4	0	0	0	0	0	1	0	8	8	11	3	0	1	7	23	0	3	9	3	3	2	6	2		
	21	1015.5	-	15.1	2.2	13.3	78	3.8	8	4	9	5	5	0	0	0	0	0	0	2	16	3	7	3	0	0	4	24	3	2	8	1	2	3	3	8	1	
5. ENGLAND, S.E.																																						
Heathrow [Greater London]																																						
26	3	1014.9	-	13.9	1.1	14.1	88	4.1	6	8	2	7	8	0	0	0	0	0	0	11	14	4	2	0	0	1	2	24	4	7	5	1	0	5	3	4	2	
	9	1015.3	+0.0	16.6	2.1	14.9	79	5.3	2	6	4	9	10	0	0	0	0	0	3	4	16	3	3	2	0	1	5	22	3	4	5	4	0	5	3	5	2	
	15	1014.4	-	21.4	5.2	14.4	57	4.8	0	5	11	12	3	0	0	0	0	0	0	1	12	10	5	3	0	0	8	23	0	6	0	7	2	4	5	7	0	
	21	1015.1	-	16.9	2.5	14.4	75	3.6	6	10	2	9	4	0	0	0	0	0	2	5	13	8	5	0	0	0	5	25	1	2	1	10	3	4	4	5	1	
Kew [Greater London]																																						
10	9	1015.9	+0.5	16.7	2.4	14.9	78	5.4	2	6	4	9	10	0	0	0	0	1	1	3	17	3	4	2	0	0	1	27	3	3	6	5	2	3	5	2	2	
	15	1014.9	-	20.8	5.4	14.0	57	5.4	1	5	4	18	3	0	0	0	0	0	0	1	13	4	10	3	0	0	3	26	2	3	1	9	1	5	4	6	0	
	21	1015.7	-	16.0	2.3	14.2	78	3.4	8	7	6	4	6	0	0	0	0	0	0	2	16	4	8	1	0	0	1	27	3	2	1	10	2	3	8	2	0	
Gatwick [Surrey]																																						
59	3	1015.3	-	11.5	0.3	13.2	96	4.0	11	2	4	3	10	1	0	2	5	2	4	13	3	1	1	0	0	0	3	14	14	3	3	1	1	3	2	3	1	
	9	1015.7	-	16.5	1.9	15.2	81	5.2	3	5	5	8	10	0	0	0	0	0	4	3	17	3	1	3	0	0	5	24	2	3	7	6	1	1	5	3	3	
	15	1014.9	-	20.6	4.4	15.1	63	4.9	1	7	7	12	4	0	0	0	0	0	0	1	15	6	7	2	0	0	7	23	1	2	3	5	3	4	6	6	1	
	21	1015.6	-	14.8	1.1	14.9	88	3.6	5	11	2	8	5	0	0	0	1	0	1	11	11	6	1	0	0	0	1	25	5	1	5	4	1	3	9	3	0	
Dungeness [Kent]																																						
7	3	1015.0	-	14.8	0.6	15.9	93	3.7	11	5	2	2	11	0	0	0	0	0	0	1	10	7	13	0	0	0	2	12	15	2	4	1	9	0	3	1	11	0
	9	1015.6	-	16.7	1.2	16.7	88	4.8	1	8	8	4	10	0	0	0	0	0	1	2	11	6	11	0	0	0	2	12	17	0	5	1	10	0	5	3	7	0
	15	1015.4	-	18.7	2.1	17.4	81	4.8	2	7	7	7	8	0	0	0	0	0	0	0	8	12	11	0	0	0	6	13	12	0	2	0	10	0	5	3	11	0
	21	1015.7	-	16.5	1.0	16.8	89	3.5	7	8	6	6	4	0	0	0	0	0	0	1	4	9	17	0	0	1	15	15	0	2	1	11	0	3	2	12	0	
Deal [Kent]																																						
10	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	9	1015.7	-	17.0	1.9	15.7	81	5.7	2	2	7	9	10	1	0	0	1	0	4	3	12	9	2	0	0	0	8	22	1	4	8	1	0	7	5	2	3	
	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Manston [Kent]																																						
15	3	1015.3	-	14.2	0.9	14.6	89	4.3	8	2	6	9	6	0	0	0	0	1	2	4	7	7	7	3	0	0	5	24	2	5	6	3	0	5	5	4	1	
	9	1015.7	-	16.8	2.0	15.4	80	4.9	1	6	9	9	6	0	0	0	0	2	1	4	8	6	5	5	0	1	11	19	0	7	6	3	1	6	3	4	1	
	15	1015.5	-	19.5	3.7	15.2	67	4.5	1	9	5	16	0	0	0	0	0	0	0	2	6	10	6	7	0	0	16	15	0	3	9	2	2	5	5	3	2	
	21	1015.8	-	15.6	1.4	15.2	85	4.2	4	7	6	10	4	0	0	0	0	1	0	2	8	7	8	5	0	0	3	26	2	2	4	1	5	6	4	0		
Thorney Island [Sussex]																																						
4	3	1015.3	-	13.5	0.6	14.5	93	3.0	12	5	5	4	5	0	0	0	1	0	1	6	15	6	1	1	0	1	5	24	1	9	7	1	0	1	1	6	5	
	9	1015.8	+0.1	16.9	2.0	15.5	80	5.1	2	7	4	11	7	0	0	0	0	0	4	14	6	3	4	0	0	1	5	24	1	4	6	5	0	2	5	7	1	
	15	1015.4	-	19.4	3.2	16.1	71	4.8	2	7	4	14	4	0	0	0	0	0	1	9	10	7	4	0	0	0	12	18	1	2	3	1	5	7	8	4	0	
	21	1015.8	-	15.8	1.4	15.4	85	3.3	5	11	5	7	3	0	0	0	0	1	0	2	13	8	4	3	0	0	5	25	1	3	7	2	2	2	4	9	1	
Eastbourne C.G. [Sussex]																																						
7	9	1015.3	-0.5	16.9	1.7	16.0	83	4.7	6	1	11	6	7	0	0	0	0	1	2	20	7	1	0	0	1	9	14	7	8	3	3	1	4	2	3	0		
	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	21	1015.3	-	16.0	1.3	15.8	86	4.1	8	0	12	7	4	0	0	0	0	2	1	12	14	2	0	0	0	6	18	7	7	1	4	2	1	0	9	0		
Abingdon [Berkshire]																																						
71	3	1015.2	-	12.7	0.8	13.4	90	4.1	10	3	4	1	13	0	0	0	0	0	6	10	10	3	2	0	0	0	2	26	3	6	7	2	1	2	4	3	3	
	9	1015.7	+0.4	16.1	2.1	14.5	79	5.7	2	4	5	9	11	0	0	0	0	0	1	12	8	5	4	1	0	0	4	27	0	5	7	4	1	2	3	8	1	
	15	1014.7	-	20.3	4.7	14.0	59	5.2	1	3	12	10	5	0	0	0	0	0	0	1	12	11	6	1	0	0	7	24	0	6	7	2	2	2	5	5	2	
	21	1015.4	-	15.8	2.1	14.2	79	4.3	5	5	8	8	5	0	0	0	0	0	1	3	17	4	2	0	0	3	26	2	6	6	3	2	2	4	4	2		
Hurn [Hampshire]																																						
14	3	1015.2	-	12.3	0.6	13.6	93	4.7	6	5	3	8	8	1	0	0	1	1	2	9	7	8	3	0	0	1	2	16	12	2	4	0	0	3	1	4	5	
	9	1015.7	+0.1	16.3	1.7	15.3	83	5.9	2	1	6	13	9	0	0	0	0	0	2	6	13	4	4	2	0	0	5	25	1	6	6	3	3	0	3	6	3	
	15	1015.3	-	19.7	3.8	15.2	67	5.1	1	4	10	9	7	0	0	0	0	0	0	2	13	5	6	5	0	0	11	20	0	3	2	2	3	7	5	7	2	
	21	1015.6	-	15.0	1.3	14.9	87	4.0	7	6	4	9	5	0	0	0	0	0	0	10	10	6	5	0	0	0	2	23	6	1	3	2	1	5	2	7	4	
S. Farnborough [Hampshire]																																						
70	3	1015.2	-	12.6	0.7	13.5	92	4.0	9	6	2	4	10	0	0	1	0	0	1	10	12	2	3	2	0	0	3	18	10	1	4	2	1	3	4	4	2	
	9	1015.7	+0.2	16.0	1.7	15.0	82	5.4	2	6	2	12	9	0	0	0	0	0	3	5	9	8	1	5	0	1	6	24	0	4	3	11	1	1	3	6	2	
	15	1014.7	-	20.6	4.3	15.2	63	4.8	1	5	11	8	6	0	0	0	0	0	0	12	8	5	6	0	1	4	26	0	3	2	8	2	5	2	9	0		
Lyneham [Wiltshire]																																						
149	3	1015.2	-	12.5	0.6	13.6	93	4.8	7	2	5	5	12	0	0	0	2	1	2	11	8	5	1	1	0	0	6	24	1	5	6	3	1	6	3	5	1	
	9	1015.7	+0.3	14.9	1.3	14.6	86	5.7	2	2	7	10	10	0	0	0	0	0	1	8	10	6	4	2	0													

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS

AUGUST, 1970

Height of Barometer above M.S.L. in metres	Hour of Observation (GMT)	MEAN PRESSURE IN mbs		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Okta)						VISIBILITY (Metres and Kilometres)										WIND SPEED AND DIRECTION													
		At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	MEAN	0	1-3	3-5	6-7	8	9	0-39 m.	40-190 m.	200-300 m.	400-990 m.	1000-1900 m.	2000-3000 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
																									SPEED IN KNOTS												
																									0	1-3	4-5	6-7	8-9								
Number of Observations																																					
7a ENGLAND, N.W.																																					
Ringway [Cheshire]																																					
84	3	1014.8	-	13.3	1.1	13.5	88	4.9	3	6	6	8	8	0	0	0	0	0	1	10	14	6	0	0	0	0	4	21	6	3	3	5	1	7	0	0	
	9	1015.1	+1.0	16.0	2.2	14.0	77	4.8	3	3	10	9	6	0	0	0	0	0	2	9	11	6	3	0	0	0	11	19	1	1	3	4	1	5	5		
	15	1014.7	-	19.0	4.1	13.8	64	5.8	0	5	3	17	6	0	0	0	0	0	4	12	10	5	0	0	0	0	14	16	1	1	3	6	1	5	2		
	21	1015.1	-	15.8	2.0	14.2	79	5.5	1	4	7	13	6	0	0	0	0	0	1	10	11	9	0	0	0	0	5	23	3	0	4	7	2	4	1		
7b NORTH WALES																																					
Valley [Anglesey]																																					
11	3	1014.4	-	13.4	0.5	14.5	94	5.3	4	2	6	8	9	2	0	1	0	3	1	3	11	5	3	4	1	2	8	18	2	4	8	2	0	7	3		
	9	1015.3	+1.2	15.6	1.3	15.3	86	5.1	3	5	6	10	5	2	0	0	2	1	0	4	8	7	4	5	1	4	10	13	3	5	4	1	0	6	6		
	15	1015.1	-	17.9	2.4	15.8	77	5.4	1	4	9	10	7	0	0	0	0	0	3	13	5	3	7	1	4	10	16	0	3	5	2	1	5	5			
	21	1015.0	-	14.4	1.0	14.7	90	5.5	2	3	6	15	4	1	0	0	1	0	1	6	8	4	5	6	0	5	6	16	4	6	5	2	3	6	3		
Bardsey Island [Caernarvon]																																					
19	3	1014.7	-	13.9	0.5	15.0	94	5.5	8	0	2	4	13	4	1	0	2	1	0	0	11	10	0	6	1	2	7	15	6	7	3	3	1	4	3		
	9	1015.3	-	14.8	0.9	15.3	91	6.5	0	1	7	10	8	5	0	3	2	0	1	0	5	9	3	8	0	3	6	16	6	8	0	4	1	3	2		
	15	1015.3	-	15.7	1.1	15.8	88	6.4	1	2	7	5	12	4	1	1	1	0	0	10	5	3	9	0	2	9	16	4	13	0	1	0	4	3			
	21	1015.1	-	14.4	0.8	15.1	91	6.3	1	0	9	7	10	4	2	2	0	0	0	0	8	7	8	4	0	4	7	10	10	8	1	0	0	5	2		
8a SOUTH WALES																																					
Aberporth [Cardigan]																																					
134	3	1014.8	-	13.5	0.9	13.9	89	5.4	5	3	3	9	9	2	0	2	0	0	3	3	15	2	3	3	0	2	7	17	5	4	0	3	1	5	6		
	9	1015.4	+1.1	15.2	1.5	14.5	83	5.1	2	6	5	11	6	1	0	0	1	1	0	3	14	5	5	2	1	1	9	16	4	5	3	4	1	5	2		
	15	1015.3	-	16.0	1.8	14.8	81	5.0	1	9	2	11	8	0	0	0	0	0	2	3	14	3	6	0	1	12	18	0	7	5	4	1	3	2			
	21	1015.2	-	14.3	1.1	14.4	88	5.4	1	8	2	12	5	3	0	0	2	1	1	2	15	2	3	5	0	2	8	15	6	3	3	5	0	3	2		
Milford Haven C.B. [Pembroke]																																					
39	3	1015.3	-	14.1	0.8	14.7	91	4.7	9	2	4	2	14	0	0	0	0	0	0	0	19	8	4	0	0	1	5	15	10	5	2	3	0	1	3		
	9	1015.8	+1.0	15.5	1.4	15.1	85	5.2	5	2	6	8	10	0	0	0	0	0	0	1	20	7	3	0	0	1	7	17	6	4	0	7	1	4	3		
	15	1015.7	-	18.0	2.5	15.8	77	4.8	4	3	7	8	9	0	0	0	0	0	0	2	17	8	4	0	0	0	9	22	0	5	0	3	3	2	7		
	21	1015.5	-	15.4	1.2	15.3	87	5.1	5	2	6	6	12	0	0	0	0	0	0	1	19	7	3	1	1	0	8	17	5	4	5	1	1	2	6		
Brynamman [Carmarthen]																																					
9	3	1015.3	-	15.5	1.3	15.2	86	5.3	4	5	1	10	11	0	0	0	0	0	1	9	14	3	4	0	0	0	1	25	5	1	1	5	4	1	4		
	15	1015.7	-	18.1	2.5	16.0	77	6.2	0	1	8	12	10	0	0	0	0	0	5	3	12	4	7	0	0	0	4	25	2	0	3	0	6	3	4		
	21	1015.5	-	14.4	1.0	14.7	90	5.0	1	9	5	9	7	0	0	0	0	0	6	7	6	11	1	0	0	0	1	19	11	0	7	2	1	1	3		
Mumbles [Glamorgan]																																					
37	3	1014.8	-	14.7	1.1	14.8	88	4.9	7	2	5	4	13	0	0	0	0	0	1	0	12	8	7	3	1	0	8	18	4	5	8	1	0	0	4		
	9	1015.4	-	15.9	1.5	15.3	85	5.9	2	3	5	6	15	0	0	0	0	0	2	21	2	4	2	1	1	10	15	4	3	4	6	0	3	4			
	15	1015.1	-	17.6	2.4	15.5	77	5.3	2	3	7	13	6	0	0	0	0	0	4	12	4	8	3	0	1	14	14	2	0	2	1	3	5	6			
	21	1015.2	-	16.0	1.6	15.2	84	5.5	3	3	6	6	13	0	0	0	0	0	2	13	7	7	2	0	1	5	22	3	3	5	3	0	1	4			
Rhoose [Glamorgan]																																					
69	3	1015.0	-	13.2	0.7	14.1	92	4.6	6	4	5	6	10	0	0	0	0	0	6	11	8	3	3	0	1	6	22	2	1	9	2	2	1	9			
	9	1015.6	+0.3	15.7	1.5	15.2	85	6.1	2	3	2	14	10	0	0	0	0	2	8	9	7	4	1	0	1	7	23	0	1	6	9	2	2	0			
	15	1015.1	-	18.4	2.9	15.3	72	4.9	3	6	4	12	6	0	0	0	0	0	1	13	6	6	5	0	0	13	18	0	1	5	5	3	1	3			
	21	1015.4	-	14.5	1.0	14.8	89	4.6	4	5	7	9	6	0	0	0	0	0	3	16	7	4	1	0	0	8	22	1	2	6	1	3	0	0			
8b ENGLAND, S.W.																																					
Yeovilton [Somerset]																																					
23	3	1015.4	-	13.0	0.9	13.7	91	4.1	5	8	5	6	6	1	0	2	0	1	3	7	11	7	0	0	0	0	5	10	16	2	2	1	0	1	2		
	9	1015.8	-	15.9	1.7	14.8	82	6.1	2	1	5	10	13	0	0	0	0	0	4	7	12	6	2	0	0	1	9	14	7	6	3	3	0	2			
	15	1015.3	-	20.2	4.5	14.4	61	5.2	1	3	13	10	4	0	0	0	0	0	2	14	11	4	0	0	1	14	16	0	4	3	4	5	0	5			
	21	1015.6	-	15.2	1.4	14.7	84	4.6	4	5	8	6	8	0	0	0	0	0	2	5	16	5	3	0	0	0	5	14	12	1	1	2	1	1	8		
Portland Bill [Dorset]																																					
54	3	1015.0	-	14.6	0.6	15.7	94	4.5	8	4	4	3	12	0	0	0	0	0	2	4	14	7	4	0	0	5	9	16	1	5	4	7	0	1	2		
	9	1015.7	-	16.0	1.2	15.9	88	5.7	2	4	6	6	12	1	0	1	0	1	2	6	11	3	7	0	0	4	12	13	2	2	4	10	2	2			
	15	1015.6	-	17.3	1.5	16.9	85	4.8	2	9	3	11	6	0	0	0	0	0	3	4	13	5	6	0	0	2	12	17	0	0	1	7	3	2			
	21	1015.6	-	15.4	0.9	15.9	91	4.1	8	5	3	7	7	1	0	0	0	1	0	3	15	7	5	0	0	3	14	14	0	4	2	8	0	1	3		
Hartland Point [Devon]																																					
93	3	1015.2	-	14.6	0.9	15.0	90	4.3	7	4	6	6	8	0	0	0	0	0	0	1	12	8	9	1	1	2	7	17	4	1	6	5	0	1	4		
	9	1015.9	-	15.2	1.3	14.9	86	5.6	4	1	6	10	9	1	0	1	0	0	1	1	12	9	6	1	0	3	7	18	3	1	6	4	1	1	4		
	15	1015.7	-	16.4	1.6	15.7	84	5.0	1	8	6	8	8	0	0	0	0	0	0	13	7	4	7	0	2	12	13	4	1	9	1	0	1	2			
	21	1015.8	-	15.3	1.4	14.9	86	5.2	2	4	11	3	11	0	0	0	0	0	2	13	5	8	3	1	1	17	10	2	3	3	4	4	1	2			
Mount Batten [Devon]																																					
30	3	1015.7	-	13.5	0.7	14.5	93	4.5	8	3	4	6	10	0	0	0	0	0	6	13	9	3	0	0	1	5	15	10	3	2	5	0	1	1			
	9	1016.2	+0.3	15.8	1.2	15.7	87	5.3	2	4	8	9	8	0	0	0	0	0	0	2	14	7	6	2	0	1	7	20	3	4	0	7	1	2	7		
	15	1015.9	-	17.9	2.2	16.2	79	5.3	1	4	8	11	7	0	0	0	0	0	0	1	11	11	3	5	0	0	18	13	0	1	0	6	2	3			
	21	1016.3	-	14.9	0.9	15.4	90	4.5	3	9	4	7	8	0	0	1	0	0	0	5	14	4	4	3	0	1	8	21	1	5	2	7	0	4			
Chiverton [Devon]																																					
7	3	1015.5	-	13.7	0.9	14.3	90	5.2	7	1	2	14	7	0	0	0	0	1	2	5	11	3	7	2	0	1	6	12	12	1	1	6	2	1	0		
	9	1016.0	+0.6	16.0	1.7	15.1	82	5.4	4	2	7	7	11	0	0	0	0																				

TABLE IV

—SUMMARY OF OBSERVATIONS AT FIXED HOURS

AUGUST,

1970

Height of Barometer above M.S.L. in metres	Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Okta)					VISIBILITY (Metres and Kilometres)								WIND SPEED AND DIRECTION																
		At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	MEAN	0	1-2	3-5	6-7	8	9	0-39 m.	40-190 m.	200-390 m.	400-590 m.	600-1000 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
																									SPEED IN KNOTS												
																									8 or more	4, 7	4, 3	1, 3	Calm								
																									34 or more	22-33	11-21	1-10	0								
Number of Observations																																					
9 NORTHERN IRELAND — contd.																																					
Aldergrove [Antrim]																																					
73	3	1014.8	-	12.3	0.7	13.3	92	5.2	3	6	3	8	9	2	0	1	2	0	2	2	13	8	3	0	0	0	6	23	2	6	4	3	2	8	1	2	3
	9	1015.1	+1.8	14.7	1.3	14.4	86	6.7	0	0	5	15	8	3	0	1	1	1	2	3	8	6	7	2	0	1	5	24	1	5	3	4	2	6	5	2	3
	15	1015.0	-	18.2	3.1	14.8	70	6.1	0	3	6	18	4	0	0	0	0	0	0	4	5	13	5	4	0	1	11	19	0	5	1	4	1	6	0	8	6
	21	1015.0	-	14.2	1.4	13.9	85	5.4	0	6	5	16	4	0	0	0	0	0	4	12	7	8	0	0	0	6	23	2	6	2	6	3	4	4	2	2	
Black Mountain [Antrim]																																					
-	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Kilkeel [Down]																																					
20	9	1015.0	+1.3	14.7	1.4	14.2	85	6.2	1	2	4	16	6	2	0	1	2	0	0	2	9	3	7	7	0	2	7	15	7	3	6	2	1	4	3	2	3
	15	1015.0	-	16.3	2.2	14.4	78	6.7	0	2	1	20	6	2	0	0	4	0	0	0	10	5	7	5	0	3	11	14	3	3	1	10	1	7	0	4	2
	21	1014.6	-	14.0	1.2	13.9	87	6.6	0	1	4	16	8	2	0	0	2	0	0	1	10	7	10	1	0	2	7	10	12	5	3	2	1	2	1	3	2
Killough [Down]																																					
-	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Carrigans [Tyrone]																																					
112	9	1015.1	-	13.5	0.8	14.2	91	6.3	3	0	4	11	10	3	0	2	2	0	1	1	14	3	3	5	0	0	8	13	10	4	0	1	2	4	2	3	5
	15	1014.5	-	18.0	3.0	14.9	72	5.5	0	5	7	12	7	0	0	0	0	0	0	0	10	7	8	6	0	1	9	18	3	6	0	2	4	6	1	4	5
	21	1014.6	-	13.8	1.1	14.0	88	5.4	2	3	6	12	8	0	0	0	0	0	1	1	11	6	9	3	0	0	5	16	10	8	0	3	3	3	1	2	1
CHANNEL ISLANDS																																					
Guernsey																																					
110	3	1015.6	-	14.3	0.5	15.4	94	4.3	7	4	6	6	8	0	0	0	2	0	0	9	12	0	3	5	0	1	12	14	4	3	6	2	0	3	2	6	5
	9	1016.2	-	15.9	1.1	16.0	88	6.0	1	2	6	16	6	0	0	1	1	1	2	12	1	4	7	0	0	0	15	15	1	2	5	5	2	2	2	8	4
	15	1016.1	-	17.3	1.7	16.6	84	4.8	1	9	4	15	2	0	0	0	1	0	2	13	5	5	5	0	0	0	14	17	0	4	7	2	2	1	1	11	3
	21	1016.2	-	14.9	0.8	15.5	91	4.3	5	5	7	9	5	0	0	0	1	0	1	6	9	3	5	6	0	0	12	16	3	1	4	4	1	3	0	12	3

TABLE VIII—NUMBER OF DAYS IN
WITH MAXIMUM AND MINIMUM TEMPERATURES between given limits.

STATION	MAXIMUM TEMPERATURE °C.							MINIMUM TEMPERATURE °C.							STATION	MAXIMUM TEMPERATURE °C.							MINIMUM TEMPERATURE °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	0	0	0	23	8	0	0	0	0	0	0	0	0	16	15	0	Edgbaston	0	0	0	3	13	13	2	0	0	0	0	0	0	0	4	26	1
Stornoway	0	0	0	10	19	2	0	0	0	0	0	0	1	12	18	0	Kew (Psychrometer)	0	0	0	0	9	16	6	0	0	0	0	0	1	10	17	3	
Craibstone	0	0	0	7	19	5	0	0	0	0	0	0	1	11	19	0	Hastings	0	0	0	0	20	11	0	0	0	0	0	0	0	2	26	3	
Rothsay	0	0	0	2	22	7	0	0	0	0	0	0	0	8	22	1	Southampton	0	0	0	1	9	19	2	0	0	0	0	0	0	2	25	4	
Abbotsinch	0	0	0	1	18	11	1	0	0	0	0	0	0	8	22	1	Stonyhurst	0	0	0	4	12	14	1	0	0	0	0	0	0	11	20	0	
Eskdalemuir	0	0	0	5	15	11	0	0	0	0	0	0	3	16	12	0	Bidston	0	0	0	4	16	9	2	0	0	0	0	0	0	0	25	6	
Douglas	0	0	0	4	22	5	0	0	0	0	0	0	0	8	21	2	Valley	0	0	0	2	20	7	2	0	0	0	0	0	0	4	26	1	
Acklington	0	0	0	6	16	9	0	0	0	0	0	0	0	13	18	0	Falmouth	0	0	0	3	21	7	0	0	0	0	0	0	0	4	26	1	
Gorleston	0	0	0	0	26	5	0	0	0	0	0	0	0	1	21	9	Aldergrove	0	0	0	3	14	14	0	0	0	0	0	0	1	12	17	1	
Cambridge	0	0	0	0	11	14	6	0	0	0	0	0	1	8	19	3	Armagh	0	0	0	0	9	16	6	0	0	0	0	0	0	1	25	5	
																	Kew (North Wall Screen)	0	0	0	0	9	16	6	0	0	0	0	0	1	25	5		

TABLE II—ADDITIONS AND August 1970

DISTRICT COUNTY AND PLACE			HEIGHT OF VANE IN METRES			DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED										Mean Hourly Wind Speed in knots	HIGHEST VELOCITIES					
			Above Mean Sea Level	Above ground	Effective Height	34 Knots or more (Gale force)		22 to 33 knots		11 to 21 knots	4 to 10 knots	Less than 4 knots	No Record	HIGHEST HOURLY WIND			HIGHEST GUST					
						Dates of Occurrence	Duration (hr)	No. of days	Duration in Hours				Veer from N	Speed in knots	Hour ended at day hour		Veer from N	Speed in knots	Day and Time			
0	Inverness	Dalcross	19	10	10		0	5	15	165	347	217	0	7.3	340	27	16 22	340	44	16 1930		
4	Notts	Watnall	130	13	10	-	0	1	4	162	393	185	0	7.0	210	25	16 09	210	43	16 0900		
7h	Merioneth	Trawsfynydd	194	10	10																	
8	Pembroke	RAE, Aberporth	144	10	10	15,16	8	7	50	205	295	186	0	9.4	170	38	15 22	270	55	16 0440		
9	Londonderry	Coleraine Univ.	23	10	10	-	0	3	23	168	335	200	18	7.8	340	27	16 07	320	47	16 1615		

TABLE III—ADDITIONS AND CORRECTIONS

[illegible]

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Monthly Weather Report

OF THE METEOROLOGICAL OFFICE

Summary of observations compiled from returns of official stations and voluntary observers.

Volume 87 Number 9.

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September 1970 — *A stormy second week; otherwise changeable in the north, more settled elsewhere*

Depressions and troughs of low pressure frequently affected northern districts of the British Isles. On the 9th/10th a very deep depression crossed northern and western areas and the mean-sea-level pressure at Belmullet (Republic of Ireland) fell to 962 mb. Anticyclonic interludes occurred around the 6th and from the 18th to 24th, predominantly in the south and east.

Weather — The month was mostly changeable in northern districts but there were spells of settled weather farther south. Most areas were stormy at times from the 7th to 16th with rain or showers which were accompanied often by strong winds. During this period there was a cool spell for the 9th to 15th and snow settled on Ben Nevis and peaks in the Cairngorms around the 13th. From the 16th to 28th many southern areas were dry and also warm by day, but fog occurred widely night and morning.

Wind — Winds were frequently fresh or strong during the month in the north and west. It was windy in Scotland on the 1st and a gust of 53 kt was recorded at Leuchars (Fife). During the period 8th to 10th, particularly strong winds affected most districts with gales in places which were severe on the 9th on western coasts; a gust of 75 kt occurred at Mull of Galloway (Wigtownshire). On the same day an hourly mean wind speed of 52 kt occurred at Valley — the highest mean wind speed recorded on Anglesey in September since at least 1912 — and a gust of 55 kt occurred at Porton (Wiltshire). Strong winds persisted on the 11th and 12th in southern parts of the country.

Temperature — Except in one or two places in Scotland and a small area in Northern Ireland, monthly mean temperature was above average but the difference from average did not exceed 1 degC, except slightly in a few places in east England and South Wales. A warm spell occurred in central and south-east England from the 4th to 8th and day-time temperatures were well above average everywhere at times from the 19th to 28th. Maxima recorded during the month included: 26.7°C at a number of places in eastern England on the 20th and at Gloucester on the 28th; 24.4°C in parts of North Wales on the 24th and 25th; 23.9°C at Glenlivet (Banffshire) on the 24th; 22.8°C at Tollymore Park (Co. Down) on the 20th.

The period 9th to 15th was cooler than average; air frost occurred in parts of Scotland on the morning of the 15th and air temperatures fell to around freezing-point farther south on the same day. Among minimum temperatures recorded during the month (excluding upland stations) were the following: -1.7°C at Strachan (Kincardineshire) on the 15th and 16th; 0.0°C at some stations in South Wales and at Caldecott (Leicestershire) on the 15th and also at Santon Downham (Norfolk) on the 30th; 0.3°C at Loughermore Forest (Co. Londonderry) on the 16th.

Rainfall — Monthly rainfall was below average in east Scotland and over most of England and Wales. Filey, on the coast of the East Riding of Yorkshire, and Skegness, on the Lincolnshire coast, recorded only 25 per cent and 27 per cent of average rainfall respectively and Chopwellwood (Co. Durham) had its driest September since 1941. On the other hand, more than one and a half times the average rainfall occurred in small areas in southern England, the Lake District, Northern Ireland and west Scotland where, at Blackwater Dam South (Argyll), it was the wettest September since 1950.

Noteworthy rainfalls occurred during a very changeable, often stormy, spell from the 7th to 16th and local flooding, especially in Scotland and Northern Ireland, followed heavy or persistent rain. This spell commenced when thunderstorms gave heavy falls of rain in the west

and north, especially in central Scotland; these were followed by further rain on the 9th from a deepening depression. 'Daily' falls of rain included 49 mm at Dundee on the 8th (most of which fell during a thunderstorm lasting about 90 minutes) and 50 mm at Glenbranter (Argyll) and 47 mm at Sloy (Dunbartonshire) on the 9th. Belts of rain crossed Wales and the southern half of England during the period 11th to 15th and rainfall was prolonged at times. Among heavy 'daily' falls of rain recorded during this period were 58 mm at Slapton (Devon) on the 11th and 49 mm at Whitstable (Kent) on the 14th. A dry spell commenced on the 16th in many areas in south and east England and some places had 13 consecutive days without measurable rainfall. This spell ended when rain fell in most parts of the country on the last two days of the month.

From the 7th to 10th thunderstorms occurred in many districts at times and they were particularly widespread and heavy in Northern Ireland and Scotland on the 7th and 8th. Lightning badly damaged a church steeple in Dundee on the 8th.

Sunshine — As a result of the changeable weather amounts of sunshine were well below average in Northern Ireland and in most of Scotland. At Duntulm (Inverness-shire) only 60 per cent of average sunshine was recorded and at Eskdalemuir Observatory (Dumfriesshire) there have been only two Septembers with lower sunshine totals (1946 and 1965) since records commenced in 1910. The month was dull also in many western areas of England and Wales but elsewhere sunshine amounts were about average or rather above and, although excesses were generally small, Nottingham had its sunniest September since 1959.

Fog — From the 18th to 28th, overnight fog was a feature of the weather in England and Wales and fog occurred at times also in parts of Scotland. Fog was often widespread but cleared by day except occasionally near coasts.

Miscellaneous Phenomena — The aurora was seen by observers in Scotland on 10 nights. On the 15th a waterspout occurred over the sea near Aberystwyth.

TABLE I—DISTRICT VALUES, September 1970

DISTRICTS	AIR TEMPERATURE °C					EARTH TEMP. °C		RAIN DAYS	RAIN-FALL	SUN-SHINE
	*Highest Max.	*Lowest Min.	Max.	Min.	Mean	Mean 30 cm.	Mean 122 cm			
0 SCOTLAND, N.	18.3	1.6	-0.2	-0.2	-0.2	+0.1	-0.3	+2	108	79
1 SCOTLAND, E.	22.2	2.8	+0.4	+0.8	+0.6	+0.5	0.0	+5	98	87
2 ENGLAND,N.E.	26.1	1.7	+0.6	+0.7	+0.6	+0.5	+0.2	-2	50	104
3 ENGLAND, E.	26.1	5.0	+0.8	+0.4	+0.6	-0.1	-0.2	-2	81	107
4 MIDLANDS	25.6	3.3	+0.8	+0.7	+0.7	+0.3	+0.1	-2	80	114
5 ENGLAND, S.E.	25.6	4.3	+0.7	+0.4	+0.5	-0.2	-0.6	-1	127	112
6 SCOTLAND, W.	20.2	-0.1	-0.4	+0.5	0.0	+0.3	-0.1	+5	143	73
7 ENGLAND, N.W and N.Wales	24.7	3.3	+0.4	+0.8	+0.6	+0.3	-0.1	+2	78	75
8 ENGLAND, S.W. and S.Wales	25.0	4.4	+0.4	+0.9	+0.6	+0.6	+0.2	-2	101	94
N.IRELAND	21.2	1.8	0.0	+0.4	+0.2	--	--	+5	127	80
SCOTLAND	22.2	-0.1	-0.1	+0.4	+0.1	--	--	+4	114	80
ENG. and WALES	26.1	1.7	+0.6	+0.6	+0.6	--	--	-1	86	101

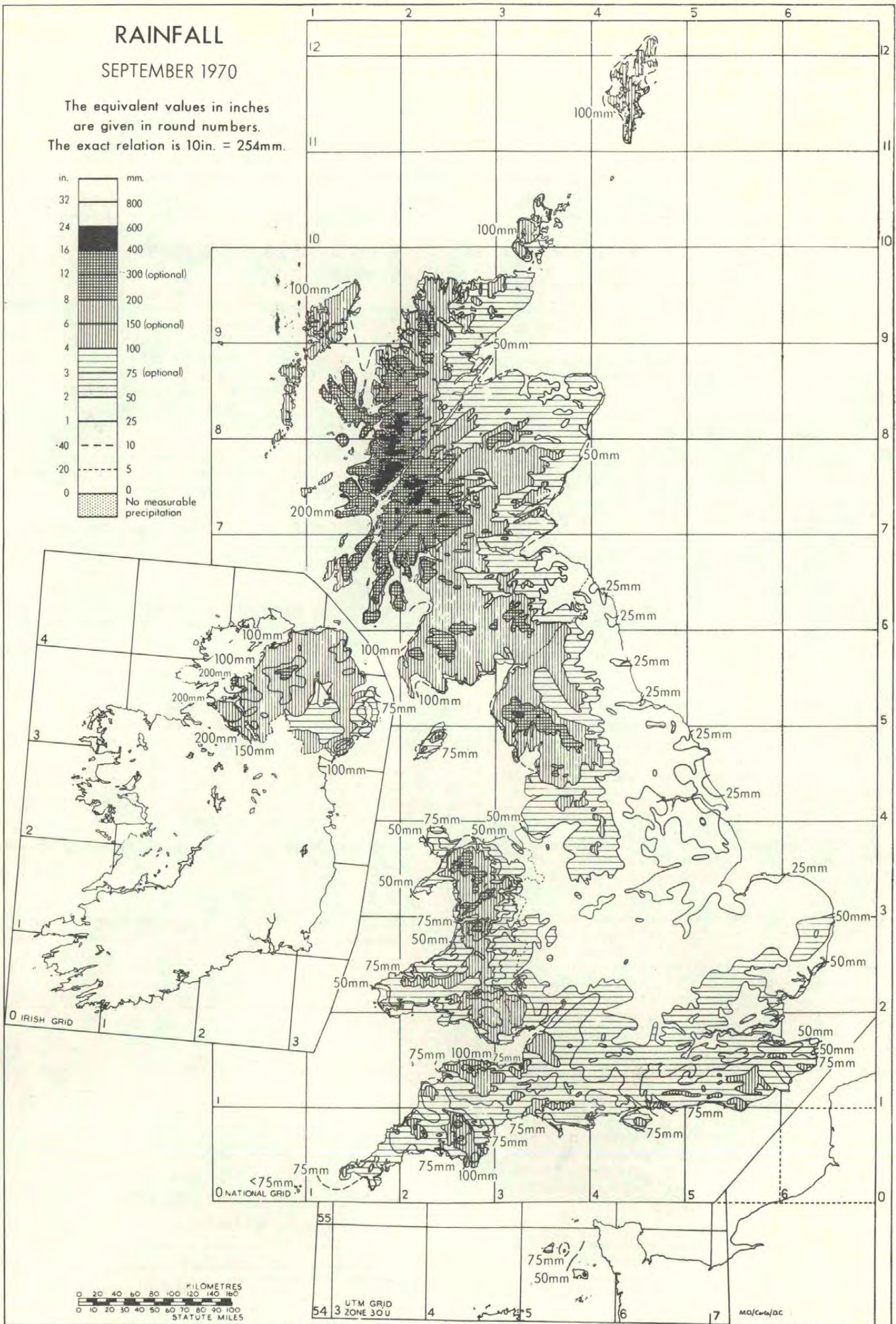
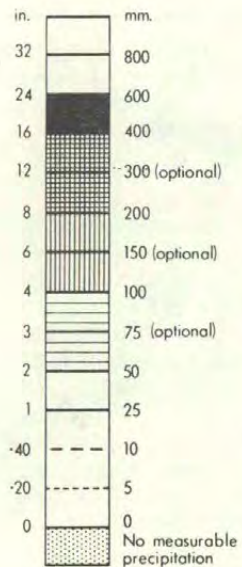
*Highest Max. and Lowest Min. of the District Value Stations.

F43A

RAINFALL

SEPTEMBER 1970

The equivalent values in inches
are given in round numbers.
The exact relation is 10in. = 254mm.



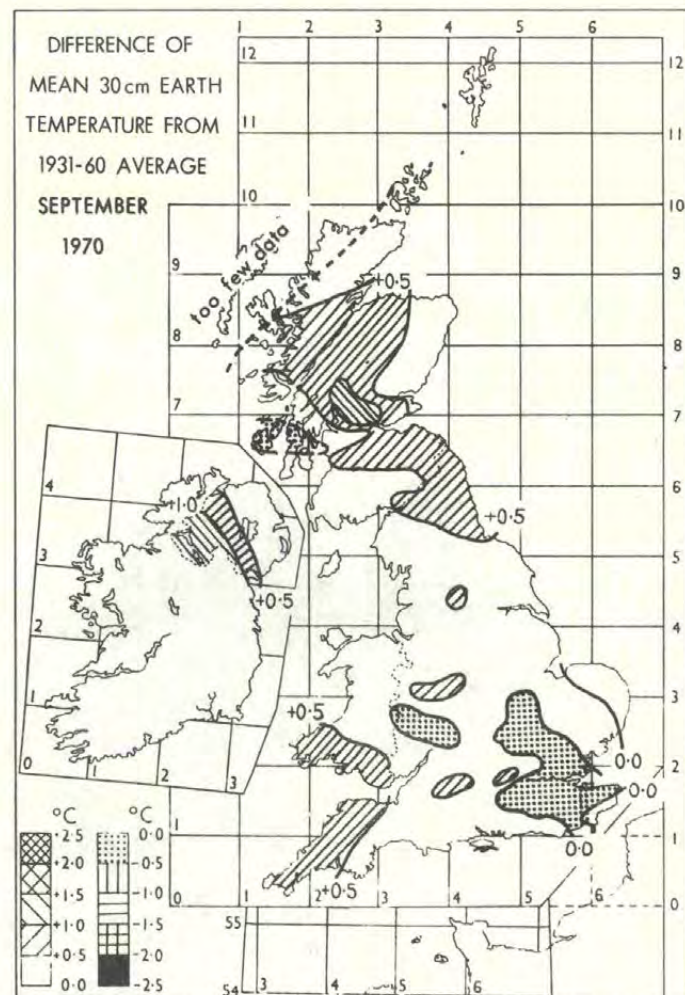
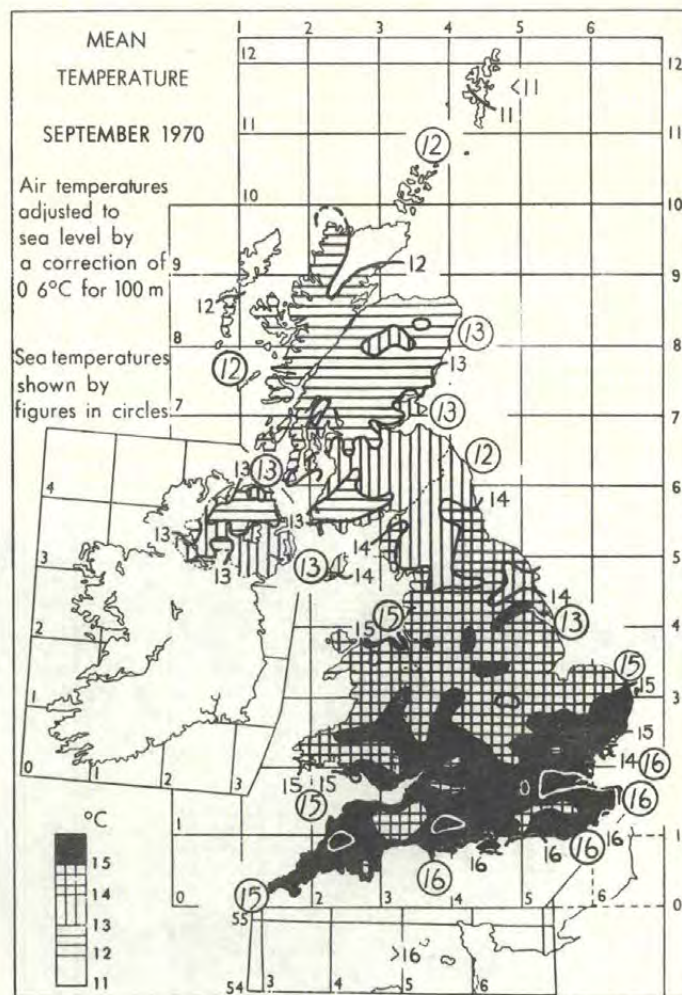
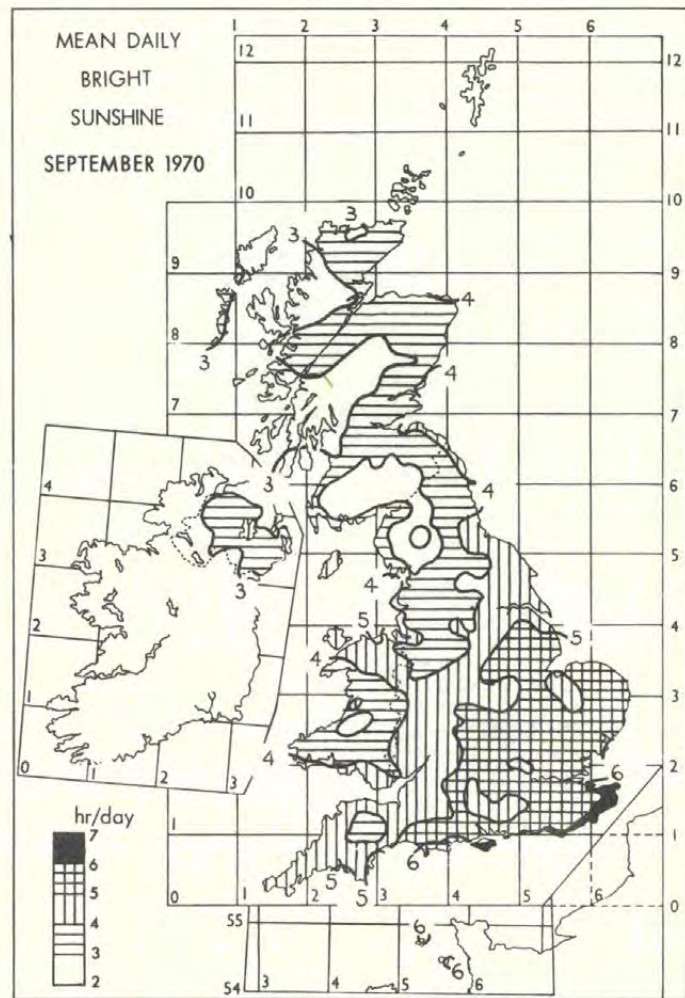
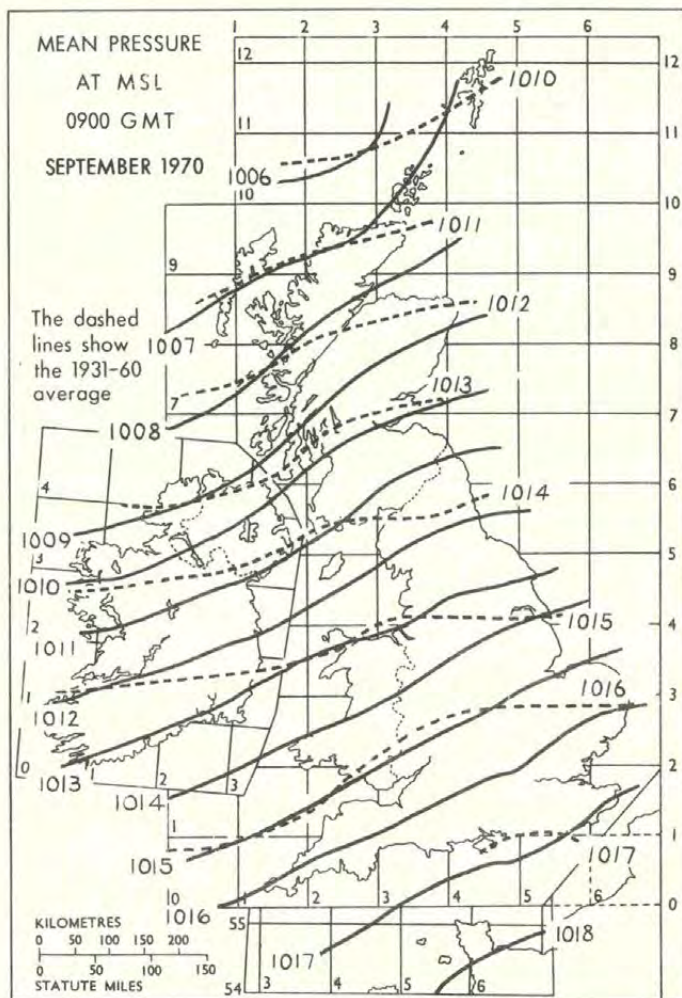


TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND—

SEPTEMBER, 1970

DISTRICT COUNTY AND PLACE	HEIGHT OF VANE IN METRES			DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED										Mean Hourly Wind Speed in knots	HIGHEST VELOCITIES					
	Above Mean Sea Level	Above ground	Effective Height	34 Knots or more (Gale force)		22 to 33 knots		11 to 21 knots	4 to 10 knots	Less than 4 knots	No Record	HIGHEST HOURLY WIND			HIGHEST GUST					
				Dates of Occurrence	Duration (hr)	No. of days	Duration in Hours				Veer from N	Speed in knots	Hour ended at day hour		Veer from N	Speed in knots	Day and Time			
0 SCOTLAND N.																				
Zetland Lerwick	93	10	10	-	0	3	14	350	306	50	0	10.9	250	28	29 12	240	49	29 1040		
Orkney Kirkwall	41	15	10	1	1	8	42	395	230	52	0	12.1	270	34	1 12	270	45	1 1045		
Caithness Dounreay	34	12	9	-	0	7	41	314	252	88	25	10.9	140	28	9 15	290	42	3 0640		
Wick	45	10	10	1	2	6	23	314	249	132	0	10.2	280	36	1 10	280	51	1 1020		
Sutherland Shin	24	10	10	-	0	0	0	80	291	349	0	4.5	270	18	5 11	270	43	29 0700		
Ross & Stornoway (C'Gd)	37	12	11	-	0	6	27	228	317	115	33	9.4	260	32	1 02	210	46	17 0855		
Cromarty	38	20	17	-	0	6	27	228	317	115	33	9.4	260	32	1 02	210	46	17 0855		
Inverness Benbecula	16	10	10	1	2	10	46	450	186	36	0	13.3	280	35	1 02	280	50	1 0135		
Corpach	23	15	12	-	0	8	33	213	264	174	36	8.9	210	30	17 13	210	59	17 0745		
Fort Augustus N.S.H.E.B.	58	16	16	-	0	0	0	155	269	296	0	6.1	220	19	27 05	240	39	29 1330		
Cairngorm	1075	10	10	-	0	0	0	155	269	296	0	6.1	220	19	27 05	240	39	29 1330		
1 SCOTLAND E.																				
Moray Kinloss	18	13	13	-	0	5	33	193	356	138	0	8.6	260	31	1 06	260	47	1 0540		
Lossiemouth	31	24	18	-	0	7	44	209	334	133	0	9.3	280	30	1 08	300	46	1 0755		
Aberdeen Dyce	72	10	10	-	0	5	37	204	305	174	0	9.0	210	30	17 15	300	48	5 1435		
Fraserburgh	29	13	11	1, 5	5	8	44	276	333	58	4	10.7	260	35	1 11	260	50	1 1045		
Angus Bell Rock	39	40	38	1	6	18	163	362	169	20	0	15.8	240	42	01 02	240	62	01 0140		
Perth Rannoch	307	17	17	1	0	1	1	68	456	194	1	5.4	280	24	5 12	280	45	5 1110		
Tummel Bridge	161	16	16	-	0	7	57	223	329	111	0	10.2	220	33	1 02	230	53	1 0135		
Fife Leuchars	25	13	13	-	0	5	31	221	341	127	0	9.0	230	32	1 02	240	51	1 0140		
Midlothian Turnhouse	43	13	10	-	0	5	31	221	341	127	0	9.0	230	32	1 02	240	51	1 0140		
6a SCOTLAND, W.																				
Argyll Tiree	24	16	12	1, 9	9	16	108	405	166	32	0	15.1	150	37	9 08	150	54	9 0750		
Machrihanish	23	13	13	-	0	12	78	393	190	59	0	13.1	180	32	9 09	180	49	9 0845		
Dunbarton Cumbernauld	166	10	10	-	0	7	48	217	294	98	63	10.1	260	32	5 13	260	45	5 1215		
Renfrew Paisley	57	25	9	-	0	6	30	260	267	163	0	9.1	200	30	9 16	200	49	9 1845		
Abbotsinch	16	10	10	-	0	6	22	227	301	170	0	8.9	220	30	1 01	200	46	1 0001		
Ayr Ardrossan	24	20	10	-	0	12	104	287	257	72	0	12.4	220	32	1 01	220	51	1 0030		
Hunterston	13	10	10	0	0	2	13	255	304	148	0	9.1	250	29	1 01	230	49	1 0005		
Prestwick	21	10	10	-	0	2	13	255	304	148	0	9.1	250	29	1 01	230	49	1 0005		
Dumfries Eskdalemuir	259	10	10	9	2	6	57	174	258	229	0	8.7	200	34	9 15	190	58	9 1550		
Wigtown West Freugh	25	10	10	-	0	6	43	271	310	96	0	10.3	200	33	9 12	210	52	9 1920		
6b ISLE OF MAN																				
Ronaldsway	25	10	10	9	7	9	75	243	297	98	0	11.3	200	36	9 21	200	50	9 1145		
Point of Ayre	20	10	10	-	0	10	71	394	224	31	0	13.2	210	32	9 10	210	56	9 0905		
2 ENGLAND, N.E.																				
Durham Durham	119	16	10	-	0	2	10	134	320	250	6	6.8	180	26	9 14	180	48	9 1245		
South Shields	22	17	13	-	0	2	4	139	403	174	0	7.2	280	23	5 14	280	40	5 1430		
Yorks N.R. Leeming	42	10	10	-	0	2	19	237	371	93	0	9.3	210	26	9 15	210	46	9 1600		
Middlesbrough	23	19	19	-	0	4	20	288	283	51	78	10.8	190	27	[10 01]	-	56	9 -		
Lincoln Waddington	80	10	10	-	0	2	10	264	384	62	0	9.7	220	26	9 15	210	44	9 1425		
Cranwell	77	13	13	1	0	5	28	235	359	98	0	9.5	240	30	9 15	230	45	10 1410		
Coningsby	16	10	10	-	0	9	52	318	284	66	0	11.1	200	31	10 11	210	47	9 1420		
Binbrook	118	10	10	-	0	3	9	234	328	149	0	8.5	200	24	10 13	200	40	10 1245		
Manby	26	10	10	-	0	3	9	234	328	149	0	8.5	200	24	10 13	200	40	10 1245		
3 ENGLAND, E.																				
Norfolk Marham	29	10	10	-	0	3	14	217	328	161	0	8.4	220	27	10 11	220	45	10 1435		
West Raynham	93	17	14	1	0	1	7	217	356	140	0	8.1	220	24	10 13	220	42	10 1245		
Coltishall	27	10	10	-	0	2	9	236	378	97	0	9.0	210	25	10 13	210	42	10 1625		
Suffolk Honington	60	13	13	-	0	2	12	229	415	64	0	9.3	210	25	10 13	210	42	10 1210		
Wattisham	104	16	10	-	0	3	11	249	361	99	0	9.2	210	26	10 11	190	41	9 0615		
Bedford Bedford	94	13	9	-	0	7	45	270	332	73	0	10.5	230	29	10 11	230	44	10 1010		
Cardington	69	41	41	-	0	0	0	58	347	315	0	4.9	230	19	10 15	220	39	10 1315		
Hertford Garston	94	15	10	-	0	0	0	55	334	331	0	4.6	210	18	10 14	230	36	8 1245		
Rothamsted	141	13	10	-	0	0	0	171	365	184	0	6.9	210	19	10 16	210	37	10 1540		
Essex Stansted	108	10	10	-	4	5	65	342	259	50	0	12.3	220	35	10 15	220	53	10 1420		
Shoeburyness	36	32	28	9, 10, 13	4	5	65	342	259	50	0	12.3	220	35	10 15	220	53	10 1420		
4 MIDLAND COUNTIES																				
Yorks W.R. Sheffield	162	25	11	-	0	0	0	104	311	305	0	5.2	190	18	10 12	200	43	9 1310		
Church Fenton	18	10	10	-	0	4	23	220	332	145	0	8.8	210	31	9 14	210	46	9 1315		
Notts Finningley	19	10	10	-	0	3	12	213	335	160	0	8.2	220	26	10 14	220	42	10 1250		
Rutland Cottesmore	143	13	13	-	0	3	10	278	307	119	6	9.3	230	25	9 14	230	41	9 1340		
N'hampton Wittering	83	10	10	-	0	2	13	228	351	128	0	8.9	220	26	10 13	220	45	10 1215		
Warwick Edgbaston	196	36	22	-	0	1	3	151	441	125	0	7.4	210	23	9 14	210	42	9 1240		
Elmdon	105	10	10	-	0	3	14	187	361	158	0	8.0	220	27	9 14	230	47	9 1150		
Oxford Brize Norton	91	13	10	-	0	1	1	175	325	219	0	7.0	230	22	10 11					

[illegible]

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS SEPTEMBER, 1970

DISTRICT, COUNTY AND PLACE	Max. Temp. in GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days										BRIGHT SUNSHINE										
			MEANS OF		Daily Mean (mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	12 cm.	Total fall (mm.)	Percentage of 1931-60 average	MOST IN A DAY		Precip'n		Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure				
			Max. (A)	Min. (B)			Maximum	Date	Minimum	Date					Amount (mm.)	Date	0.2 mm or more	10 min or more																	
1 SCOTLAND, E. — contd.																																			
Berwick — contd.																																			
Marchmont ...	99	152	16.1	8.9	12.5	+0.6	21.1	24	(1.1)	13	-	-	49	75	8	9	18	15	0	0	0	0	0	1	0	-	-	3	3.48	89	-	-	-		
Whitchester ...	99	255	15.3	8.4	11.9	-	20.6	24	2.2	15	-	-	44	61	11	9	21	14	0	0	0	0	0	-	0	-	-	1	-	-	-	-	-		
St. Abb's Head	99	75	15.8	10.1	12.9	-	21.2	24	6.4	15	-	-	-	-	-	-	-	-	0	0	0	0	0	2	0	0	0	1	-	-	-	-	-		
Peebles																																			
Stanhope Farm	99	226	15.3	8.9	12.1	-	20.6	23	0.6	15	-	-	123	129	29	9	22	17	0	0	0	0	1	0	0	1	-	1	-	-	-	-	-		
Blyth Bridge ...	99	253	15.2	8.1	11.7	-	20.6	23	0.0	15	-	-	102	122	19	17	24	18	0	0	0	0	1	0	0	4	-	2	3.01	-	-	-	-		
West Linton ...	99	244	15.4	8.2	11.8	-	21.1	23	-1.1	15	12.7	12.7	90	97	15	7	21	14	0	0	0	0	1	0	1	1	-	0	-	-	-	-	-		
Glentress ...	99	165	16.4	8.2	12.3	-	22.8	24	-1.1	15	-	-	72	109	12	9	23	13	-	0	-	-	-	2	1	-	-	-	-	-	-	-	-		
Selkirk																																			
Bowhill ...	99	183	16.0	8.3	12.1	-	21.1	23	0.6	15	-	-	59	83	16	9	23	14	0	0	0	0	0	1	0	-	-	1	-	-	-	-	-		
Galashiels ...	99	198	15.4	8.9	12.1	-	20.6	24	0.6	15	-	-	55	-	11	9	24	13	0	0	0	0	1	3	0	1	-	1	3.55	-	-	-	-	-	
Roxburgh																																			
Wauchope ...	99	171	16.4	8.4	12.4	-	21.7	27	1.1	16	-	-	84	103	17	9	19	15	0	0	0	0	0	1	0	-	-	0	-	-	-	-	-		
Kelso ...	99	34	17.4	9.4	13.4	-	22.2	24, 25	1.7	15, 16	-	-	30	-	6	2	17	10	0	0	0	0	1	0	2	2	-	0	3.16	-	-	-	-	-	
Sourhope *	99	221	15.9	9.0	12.5	+1.0	22.8	25	3.3	15, 16	-	-	46	-	11	9	18	11	0	0	0	0	0	0	0	1	-	1	3.29	-	-	-	-	-	
6a SCOTLAND, W.																																			
Argyll																																			
Tiree ¶	21-9	9	14.2	10.2	12.2	-0.4	16.9	23	5.4	15	-	-	174	166	27	18	24	23	0	0	0	0	0	0	0	1	0	2	2.92	69	-	-	-	-	
Rhuvaal ...	21-9	20	14.7	10.5	12.6	-	18.0	23	7.3	13	-	-	190	136	36	7	26	24	0	0	0	0	1	0	0	0	0	1	-	-	-	-	-	-	
Colonsay ...	99	30	14.8	10.1	12.5	-0.2	18.9	23	6.1	15	-	-	161	127	20	9	27	24	0	-	0	0	0	4	0	-	0	-	-	-	-	-	-	-	
Aros ...	99	37	15.6	8.8	12.2	-	20.0	23	1.7	14	-	-	240	-	33	9	23	21	0	0	0	0	0	0	0	3	-	0	-	-	-	-	-	-	
Craighouse ...	99	3	15.1	10.0	12.5	-	19.4	23	5.6	14	-	-	214	-	27	7	28	24	-	0	-	-	-	0	0	0	-	-	-	-	-	-	-	-	
Machrihanish ...	21-9	10	15.3	10.2	12.7	-	18.1	17	5.5	16	-	-	136	-	21	1	24	18	0	0	0	0	1	0	0	0	0	1	3.22	-	-	-	-	-	
Campbeltown ...	99	12	15.9	10.6	13.3	-	18.3	23, 24	(6.1)	16	-	-	157	-	21	7	22	18	-	0	-	-	-	-	0	-	-	-	3.62	-	-	-	-	-	
Achaglachgach ...	99	12	15.4	8.5	11.9	-	18.9	23, 24	2.2	14	-	-	182	127	24	7	26	23	0	-	1	0	1	2	0	1	-	1	-	-	-	-	-	-	
Knapdale Forest ...	99	40	14.8	8.9	11.9	-	19.4	24	3.3	14, 15	-	-	261	-	38	7	29	25	0	0	0	0	2	1	0	0	-	0	-	-	-	-	-	-	
Glenbranter ...	99	24	14.8	8.7	11.7	-	18.9	24	1.7	14, 15	-	-	342	-	50	9	26	23	-	0	-	-	-	0	0	4	-	-	-	-	-	-	-	-	
Glen Etive ...	99	24	15.8	8.8	12.3	-	22.2	25	2.2	16	-	-	360	-	46	17	27	21	0	0	0	0	1	-	0	0	-	0	-	-	-	-	-	-	
Benmore Y.B.G. **	99	12	14.9	8.9	11.9	-	19.4	24	2.8	14, 16	-	-	299	144	35	7	27	23	0	0	0	0	1	0	0	5	-	0	-	-	-	-	-	-	
Bute																																			
Kildonan ...	21-9	18	14.8	10.3	12.5	-	17.5	23	6.3	14	-	-	146	-	27	7	25	20	0	0	0	0	1	0	0	0	0	9	3.38	-	-	-	-	-	
Brodick Castle ...	99	15	16.3	9.8	13.1	-	20.0	24	5.0	14	14.4	-	206	-	23	7	22	21	0	0	0	0	1	0	0	1	-	1	-	-	-	-	-	-	
Rothsay ¶	99	43	15.1	10.0	12.5	0.0	19.4	23, 24	5.6	14	12.6	12.5	204	160	38	25	25	22	0	0	0	0	1	0	0	0	-	0	2.65	72	-	-	-	-	-
Dunbarton																																			
Finnart ...	99	15	14.9	9.3	12.1	-	17.8	24, 28	(1.7)	15	-	-	259	-	32	7	23	21	0	0	0	0	1	-	0	-	0	-	-	-	-	-	-	-	
Helensburgh ...	99	89																																	
Sloy ...	21-9	12	14.9	9.5	12.2	-	18.4	24	2.9	15	-	-	345	-	47	9	23	20	0	-	0	0	1	1	0	-	-	0	-	-	-	-	-	-	
Cumbernauld ...	99	94	15.5	8.7	12.1	-	20.6	24	2.2	15	-	-	124	-	18	7	23	20	0	0	0	0	1	1	0	2	-	0	-	-	-	-	-	-	
Stirling																																			
Earl's Hill ...	21-9	335	13.5	7.7	10.6	-	18.8	24	2.8	14	-	-	137	-	15	28	21	16	0	-	0	0	0	4	0	0	0	8	3.14	-	-	-	-	-	-
Stirling Batterflats	99	38	16.7	8.7	12.7	-	21.1	24	1.1	15, 16	14.4	14.2	118	-	22	7	23	15	0	0	0	0	1	1	0	4	-	0	3.21	-	-	-	-	-	-
Falkirk S. Wks.	99	3	16.8	9.2	13.0	-	21.1	24	2.8	16	-	-	87	-	(20)	7	19	17	0	0	0	0	0	0	0	-	0	2.96	-	-	-	-	-	-	
Grangemouth ...	99	4																																	
Renfrew																																			

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS SEPTEMBER, 1970

DISTRICT, COUNTY AND PLACE		Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days										BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
				MEANS OF		Daily Mean (mean of A & B)	Difference from 1911-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1911-59 average	MOST IN A DAY		Precip'n 0.2 mm or more	1.0 mm or more	Snow or Sleet	Snow lying at thr.	Hail	Ice Pellets etc.	Thunder heard	Fog at thr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1911-60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
				Max. (A)	Min. (B)			Maximum	Date	Minimum	Date	Amount (mm)	Date																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS SEPTEMBER, 1970

DISTRICT, COUNTY AND PLACE	Max. Min.	GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days										BRIGHT SUNSHINE				
				MEANS OF		Daily Mean (mean of A & B)	Difference from 1911-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1916-50 average	MOST IN A DAY		Precip'n 0.2 mm or more	1.0 mm or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1911-60 average	Exposure
				Max. (A)	Min. (B)			Maximum	Date	Minimum	Date					Amount (mm)	Date															
3	ENGLAND, E. — contd.																															
Essex																																
Harlow ...	99	79	19.9	9.8	(14.8)	-	25.6	20,28	5.0	13	-	14.8	50	-	11	12	12	10	0	0	0	0	0	0	0	0	0	0	0	5.07	-	-
Stansted ...	21-9	101	19.5	10.3	14.9	+1.0	25.2	20	5.4	13	-	-	55	97	13	15	11	10	0	0	0	0	0	0	0	0	0	0	0	-	-	-
Writtle ...	99	32	20.1	9.8	14.9	-	25.6	28	5.0	2,23	15.1	-	46	96	13	12,14	10	6	0	0	0	0	0	0	0	0	0	0	0	5.06	-	-
Southend ...	99	27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.91	-	-	
Maldon ...	99	4	20.0	11.0	15.5	-	26.1	20	6.7	25	-	-	46	-	15	14	12	7	0	-	0	0	0	0	0	0	0	0	0	-	-	-
Earls Colne ...	99	49	20.3	9.9	15.1	-	26.7	20	5.0	2	14.9	14.9	53	110	16	12	8	7	-	0	-	-	-	0	0	0	0	0	0	-	-	-
Shoeburyness ¶	21-9	2	19.7	12.1	15.9	+0.7	24.3	20	7.2	25	-	-	44	108	23	14	10	7	0	0	0	0	0	0	0	0	0	0	0	5.51	108	-
Clacton-on-Sea €	99	16	18.8	12.9	15.9	+0.9	22.2	4,5	7.8	13	15.9	15.4	49	103	17	14	12	8	0	0	0	0	0	0	0	0	0	0	0	5.42	102	-
Walton-on-Naze	21-9	5	15.6	12.5	14.1	-	23.6	20	7.9	13	-	-	58	-	17	14	12	9	0	0	0	0	0	0	0	0	0	0	2	5.95	-	-
Dovercourt ...	99	3	19.2	10.7	14.9	-0.2	25.0	20	7.2	2,13,18	-	-	41	86	14	14	7	7	-	-	-	-	0	0	1	-	-	-	5.31	-	-	
4	MIDLAND COUNTIES																															
Yorks., W. Riding																																
Slaidburn ...	99	192	15.6	9.4	12.5	-	22.2	28	2.2	15	-	-	139	94	27	10	22	17	0	0	0	0	0	1	0	0	-	0	3.24	-	-	-
Malham Tarn ...	99	395	14.3	8.7	11.5	-	20.0	28	3.3	15	13.0	-	154	120	40	10	21	19	0	0	0	0	0	2	0	0	-	0	3.37	-	-	-
Huddersfield §	99	99	18.1	10.7	14.4	-	25.6	28	3.9	15	14.1	13.9	47	75	9	8	10	9	-	0	-	-	2	0	1	-	0	4.45	120	-	-	
" Oakes	21-9	232	17.5	9.3	13.4	+0.5	25.2	25	4.6	15	13.4	12.5	69	93	16	10	19	10	0	0	0	0	0	3	0	0	0	3	3.92	103	-	-
Bradford ¶	99	134	16.9	10.2	13.5	+0.4	24.4	28	3.3	15	13.8	14.1	46	69	12	2	14	9	0	0	0	0	0	1	0	3	-	0	-	-	S	
Ilkley ...	99	96	-	10.2	-	-	24.4	27	2.8	15	-	-	49	65	12	2	15	13	0	0	0	0	0	3	0	-	-	0	3.88	101	-	-
Sheffield ...	99	131	18.3	11.2	14.7	+0.9	25.6	24,28	7.8	14,15	14.6	13.3	43	72	12	10	10	7	0	0	0	0	-	0	0	-	0	4.09	106	-	-	
Pontefract ...	99	78	17.8	10.5	14.1	+0.6	25.0	28	5.6	13,15	-	-	21	43	6	13	9	5	0	0	0	0	0	1	0	0	-	0	-	-	-	
Bramham ...	99	54	18.3	9.4	13.9	-	25.0	28	3.9	13,15	-	-	27	61	9	2	10	9	0	0	0	0	0	1	0	1	-	0	3.65	-	-	-
Cawood ...	99	6	18.3	9.3	13.8	-	24.4	28	3.3	15	14.2	14.4	25	49	10	8	7	4	0	0	0	0	1	1	0	0	-	0	3.93	-	-	-
Askham Bryan ...	99	34	18.1	9.7	13.9	-	24.4	28	5.0	16	-	-	28	50	10	2	12	6	0	0	0	0	0	1	0	0	-	0	4.54	116	-	-
Derby																																
Buxton €	99	307	(15.5)	9.5	(12.5)	(+0.7)	21.7	24	4.4	15	13.2	13.3	99	99	22	10	17	11	0	0	0	0	0	4	0	0	-	0	-	-	-	-
Ashover ...	99	186	17.2	10.1	13.7	-	23.3	28	6.1	13,15	-	-	36	-	9	13	10	8	0	0	0	0	0	0	0	0	-	0	4.28	-	-	-
Derby ...	99	48	19.1	10.8	14.9	-	25.6	28	6.7	13,15,16	-	-	34	56	11	2	8	7	0	0	0	0	1	0	0	0	-	2	4.57	-	-	-
Morley ...	99	107	(19.2)	(8.8)	(14.0)	-	25.6	28	(5.6)	(15)	-	-	42	67	15	2	7	6	-	0	-	-	-	-	-	-	-	-	4.32	-	-	-
Wingerworth ...	99	126	17.4	9.0	13.2	-	23.9	28	3.3	15	14.8	-	30	-	9	13	7	7	0	0	0	0	0	1	0	1	-	0	4.16	-	-	-
Nottingham																																
Sutton Bonington	99	48	18.8	9.9	14.3	+0.7	25.6	28	2.2	15	14.5	14.5	25	45	8	8	10	6	0	0	0	0	0	0	0	1	-	0	5.00	125	-	-
Watnall ...	21-9	117	18.6	10.1	14.3	+0.7	26.6	28	4.4	13	-	-	31	55	9	8	8	6	0	0	0	0	1	1	0	1	0	0	4.18	105	-	-
Mansfield ...	99	110	17.4	10.7	14.1	+0.5	23.3	20,28	5.6	15	14.2	-	32	60	11	8	7	5	0	0	0	0	0	0	0	0	-	0	-	-	-	-
Nottingham ¶	99	59	19.1	11.3	15.2	+1.0	26.1	28	6.7	13,16	14.7	15.1	33	65	12	2	7	5	0	0	0	0	1	0	0	0	-	0	5.09	130	-	-
Warsop ...	99	46	(18.6)	9.1	(13.9)	-	24.4	28	2.8	15	-	-	22	48	6	13	6	5	-	0	-	-	-	0	0	4	-	-	4.81	-	-	-
Finningley ...	21-9	10	19.0	10.7	14.9	+1.0	25.6	28	6.6	23	-	-	28	-	8	8	7	4	0	0	0	0	0	1	0	0	0	0	4.58	-	-	-
Leicester																																
Newtown Linford	99	119	18.2	9.3	13.7	-	25.6	28	4.4	13,15	-	-	32	58	9	8	12	9	0	0	0	0	0	0	0	0	-	0	4.38	-	-	-
Caldecott ...	99	53	19.8	6.9	13.3	-	26.1	28	0.0	15	-	-	24	50	8	8	8	6	-	0	-	-	-	1	1	0	-	-	-	-	-	-
Northampton																																
Bugbrooke Mills	99	69	19.5	9.0	14.3	-	26.1	28	3.9	15	14.4	13.7	34	66	10	9	12	10	-	0	-	-	-	1	0	-	-	-	5.28	-	-	-
Raunds ¶	99	59	19.5	9.6	14.5	+0.5	25.6	28	5.6	13,15,23	15.1	14.2	34	64	8	8	10	9	0	0	0	0	0	0	0	0	-	0	4.79	111	-	-
Wittering ...	99	65	19.1	10.0	14.5	+0.5	25.6	28	6.2	16	-	-	24	48	9	8	10	4	0	0	0	0	0	1	0	0	0	0	4.97	-	-	-
Warwick																																
Birmingham K.E.S.*	99	137	(18.1)	10.5	(14.3)	-	24.4	28	6.1	13	-	-	36	58	13	8	13	7	0	0	0	0	0	0	0	0	-	0	-	-	-	-
Edgbaston ...	21-9	163	18.3	10.9	14.6	+0.8	24.5	28	7.0	16	13.0	12.7	35	55	18	8	8	8	0	0	0	0	0	0	0	0	0	0	4.79	123	-	-
Luddington ...	99	56	19.6	9.9	14.7	-	25.6	28	3.9	15	-	-	38	-	8	8	10	9	0	0	0	0	0	4	0	0	-	1	5.21	-	-	-
Stratford ...	99	49	19.9	8.9	14.4	-	26.1	28	2.2	15	15.4	-	37	87	9	8	11	10	0	0	0	0	0	0	0	0	-	0	4.59	-	-	-
Elmdon ...	21-9	99	18.7	9.5	14.1	-	25.1	28	2.9	15	-	-	39	-	8	10	10	8	0	0	0	0	0	0	0	1	0	0	5.06	-	-	-
Shipston-on-Stour	99	111	19.0	10.0	14.5	-	24.4	28	4.4	15	14.2	-	42	-	8	12	13	10	0	0	0	0	0	0	0	0	-	2	5.05	-	-	-
Wellesbourne ...	99	47	(19.3)	(9.8)	(14.5)	-	25.6	28	3.3	15	-	-	36	61	10	8	10	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Coventry ...	99	107	-	-	-	-	-	-	-	-	-	-	34	-	10	13	8	8	-	-	-	-	-	-	-	-	-	-	(4.69)	-	-	-
Moreton Morrell	99	85	19.3	(9.9)	(14.6)	-	25.6	28	3.3	15	-	-	54	93	20	11	10	9	0	0	0	0	0	0	0	0	-	0	5.43	-	-	-
Rugby ...	99	117	19.1	9.8	14.5	+0.9	25.0	28	5.0	15,16	14.8	14.4	45	82	19	8	12	10	0	0	0	0	0	-	0	0	-	0	-	-	-	-
Oxford																																
Brize Norton ...	21-9	84	19.3	10.3	14.8	-	25.6	28	5.1	13	-	-	43	-	10	8	11	8	0	0	0	0	0	2	0	2	-	0	-	-	-	-
Oxford ¶	99	63	19.4	11.2	15.3	+0.9	25.6	28	6.1	16	15.8	15.5	40	72	8	12	11	9	0	0	0	0	0	0	0	0	-	0	5.24	119	-	-
Shirburn M.F.**	99	108	19.6	10.5	15.1	-	25.6	20,28	5.0	13,16	15.4	-	39	-	11	12	11	9	0	0	0	0	0	1	0	0	-	0	-	-	-	-
Buckingham																																
Medmenham ...	99	30	20.1	8.3	14.2	-	26.1	20	2.2	13	-	-	49	-	13	12	11	9	-	-	-	-	-	0	6	-	-	-	-	-	-	-
Grendon Underwood	99	67	19.7	8.4	14.1	-	26.1	28	2.8																							

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS SEPTEMBER, 1970

DISTRICT, COUNTY AND PLACE	Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days												BRIGHT SUNSHINE		
				MEANS OF		Daily Mean (mean of A & B)	Difference from 1911-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1911-60 average	MOST IN A DAY		Precip'n 0.2 mm or more	1.0 mm or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1911-60 average	Exposure
				Max. (A)	Min. (B)			Maximum	Date	Minimum	Date					Amount (mm)	Date															
4 MIDLAND COUNTIES — contd.																																
Hereford																																
Lyonshall ...	9 9	155	18.1	10.2	14.1	+0.9	22.8	20	5.6	14	-	-	54	87	10	8	13	10	-	-	-	-	-	0	0	-	-	-	-	-	-	-
Ross-on-Wye	21-9	68	19.2	10.4	14.8	+0.8	25.3	28	3.6	15	15.2	14.8	41	71	12	8	11	10	0	0	0	0	0	0	0	0	0	0	4.62	108	-	
Preston Wynne	9 9	84	18.7	(9.2)	(13.9)	-	23.9	28	2.8	16	-	-	42	78	7	7	11	10	0	0	0	0	0	0	0	-	1	4.88	-	-		
Gloucester																																
Filton ...	21-9	59	18.9	10.7	14.8	+0.5	25.1	28	5.1	15	-	-	85	122	20	7.11	11	10	0	0	0	0	1	0	0	0	0	0	4.68	-	-	
Hempsted ...	9 9	12	19.3	10.3	14.8	-	25.6	28	3.9	15	16.1	15.0	55	88	12	7	12	12	0	0	0	0	0	0	0	0	0	0	4.27	-	-	
Gloucester ...	21-9	24	19.9	11.5	15.7	-	26.7	28	5.3	15	-	-	57	-	12	7	11	10	0	0	0	0	1	0	0	0	0	0	4.72	-	-	
Cheltenham ...	9 9	65	19.7	11.4	15.5	+1.2	26.1	28	5.6	15.16	-	-	53	95	12	12	12	11	-	-	-	-	-	0	-	-	-	-	4.56	-	-	
Cirencester ...	9 9	135	18.9	8.9	13.9	-	24.4	28	3.9	15.16	-	-	71	98	19	7	12	11	0	0	0	0	0	1	0	1	-	0	4.84	-	-	
Little Rissington	21-9	226	18.1	9.9	14.0	-	24.1	28	5.4	13	-	-	57	87	13	8	11	10	0	0	0	0	0	1	0	0	0	0	5.14	-	-	
5 ENGLAND, S.E.																																
Greater London																																
Kensington Palace	9 9	25	20.6	11.7	16.1	+0.7	26.1	20,28	6.7	16	16.2	16.1	50	94	10	14	11	10	0	0	0	0	0	1	0	0	-	0	-	-	-	
Hampstead ...	9 9	137	19.5	11.4	15.5	+1.3	25.5	28	7.0	13	-	-	57	99	13	12	10	9	0	0	0	0	0	-	0	-	-	3	-	8		
St. James's Park	9 9	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
London/W.Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.45	124	-	
Greenwich ...	9 9	7	-	(10.8)	-	-	-	-	7.2	13	-	-	49	105	14	14	11	10	0	0	0	0	1	0	0	0	-	0	5.03	114	-	
Heathrow ...	21-9	25	20.3	11.5	15.9	+1.0	25.6	20,28	6.9	16	-	-	50	98	13	12	11	10	0	0	1	0	1	0	0	0	0	0	5.23	-	-	
Hampton ...	9 9	12	20.1	11.5	15.8	-	26.1	20	7.8	13,16	-	-	51	110	10	14	11	10	0	0	0	0	0	1	0	0	-	0	5.23	-	-	
Wealdstone ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.93	-	-	
Southgate ...	9 9	67	20.1	11.2	15.7	-	25.6	20,28	6.7	13	15.3	-	67	124	23	12	10	10	0	0	0	0	0	0	0	0	-	-	5.39	-	-	
Kew*	21-9	5	19.8	9.7	14.7	-	25.1	28	4.6	18	15.0	14.6	57	113	16	12	11	10	0	0	0	0	1	1	0	0	0	0	5.48	115	-	
Waddon ...	9 9	59	19.9	11.3	15.6	+0.7	25.1	28	7.4	18	-	-	49	90	17	14	10	10	-	-	-	-	-	-	-	-	-	-	-	-	-	
Addington ...	9 9	144	19.3	11.2	15.3	+1.0	25.0	20	6.1	16	-	-	50	88	20	14	10	9	-	-	-	-	-	0	-	-	-	-	-	-	-	
Bromley ...	9 9	65	-	(10.4)	-	-	-	-	6.1	16	-	-	50	102	25	14	10	9	-	0	-	-	-	-	0	-	-	-	-	-	-	
Surrey																																
Gatwick ...	21-9	59	20.0	8.9	14.5	+0.4	25.7	20	3.9	18	-	-	70	122	28	14	12	10	0	0	0	0	0	0	0	0	0	0	5.16	-	-	
Witley ...	9 9	35	20.0	10.2	15.1	+0.8	26.1	20	5.6	18,23	15.8	15.4	57	116	15	14	13	12	-	0	-	-	-	0	0	0	-	-	5.16	114	-	
Mickleham ...	9 9	55	(19.7)	(8.9)	(14.3)	-	25.0	20	4.4	18,23	(17.9)	(15.3)	62	109	25	14	3	1	-	0	-	-	-	-	0	0	-	-	-	-	-	
Kent																																
Dartford ...	9 9	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Hadlow College	9 9	30	20.1	9.1	14.6	-	25.0	20	5.0	18,23,24	15.4	14.7	69	-	21	14	12	10	0	0	0	0	0	3	0	0	0	0	(5.03)	-	-	
Gillingham ...	9 9	4	20.7	11.2	15.9	-	25.6	20	6.1	18	-	-	67	142	25	14	11	8	-	-	-	-	-	-	-	-	-	-	-	-	-	
Peckham ...	21-9	29	20.2	9.3	14.7	-	25.3	20	4.2	24	-	-	88	-	41	14	11	10	0	0	0	0	0	0	0	0	0	0	6.03	-	-	
Dungeness ...	21-9	3	18.8	12.6	15.7	+0.6	25.0	25	7.7	16	-	-	85	168	27	14	12	11	0	0	0	0	0	0	0	-	5	-	-	-	-	
Whitstable ...	9 9	3	20.1	11.6	15.9	-	25.6	7,20,27	6.1	24	-	-	81	184	49	14	10	7	0	0	0	0	0	0	0	-	0	6.31	-	-		
Folkestone ...	9 9	39	19.3	12.5	15.9	-	23.9	5	7.2	13	-	15.6	84	156	27	14	12	10	0	0	0	0	0	1	0	-	5	6.50	-	-		
Elmstone ...	9 9	9	19.4	10.1	14.7	-	24.4	28	5.6	18,23,25	-	-	55	-	19	14	10	8	-	-	-	-	-	0	0	0	-	-	-	-	-	
Herne Bay ...	9 9	6	20.2	12.1	16.1	-	25.6	7	8.3	13	-	-	76	165	38	14	10	8	0	0	0	0	0	0	0	-	1	6.43	-	-		
Dover ...	9 9	6	19.4	12.6	16.0	+0.6	24.4	5	8.9	13,16,24	17.2	17.1	80	137	26	14	13	10	0	0	0	0	0	0	0	0	0	0	6.21	-	-	
Deal ...	21-9	5	19.1	12.4	15.7	-	23.6	5	7.2	18	-	-	83	-	29	14	10	9	0	0	0	0	0	0	0	0	0	0	-	-	-	
Manston ...	21-9	44	19.4	11.5	15.5	-	23.5	7	7.5	13	-	-	49	98	18	14	9	8	0	0	0	0	0	0	0	0	0	0	-	-	-	
Margate ...	9 9	16	19.2	13.8	16.3	+0.7	22.2	4,20,27	8.9	13	15.9	15.9	44	-	16	14	10	8	0	0	0	0	0	1	0	0	0	0	6.04	110	-	
West Malling ...	9 9	93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Goudhurst ...	9 9	85	19.4	9.7	14.5	-	25.6	20	4.4	18,24	-	-	105	170	36	14	13	12	0	0	0	0	0	1	0	1	-	0	-	-		
East Malling ...	9 9	37	20.1	9.8	14.9	+1.0	25.6	20	5.6	18,24	15.3	15.3	65	123	22	14	12	9	0	0	0	0	0	1	0	0	0	0	6.55	113	-	
Throwley ...	9 9	150	18.9	10.3	14.6	-	24.4	20	6.7	13,16,24	15.3	15.1	91	151	37	14	12	9	0	0	0	0	0	0	0	0	0	3	(5.74)	-	-	
Faversham ...	9 9	48	19.7	10.4	15.1	-	25.0	20	5.6	23,24	15.8	15.7	92	-	46	14	11	10	0	0	0	0	0	0	0	0	0	0				

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS SEPTEMBER, 1970

DISTRICT, COUNTY AND PLACE	Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C	RAINFALL (Terminal hour 9 GMT)			WEATHER Number of Days										BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
				MEANS OF		Daily Mean (mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM					30 cm.	122 cm.	Total fall (mm.)	Percentage of 1931-60 average	Amount (mm.)	Most in a day	Precip'n 0.2 mm or more	1.0 mm or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
				Max. (A)	Min. (B)			Maximum	Date	Minimum	Date																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
8a. SOUTH WALES.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS SEPTEMBER, 1970

DISTRICT, COUNTY AND PLACE	Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL		WEATHER												BRIGHT SUNSHINE				
				MEANS OF		Daily Mean (mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1910-60 average	MOST IN A DAY		Precip'n 0.2 mm or more	1/10 mm or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure
				Max. (A)	Min. (B)			Maximum	Date	Minimum	Date	Amount (mm)	Date																			
				9. NORTHERN IRELAND																												
Londonderry																																
Loughmore Forest	99	174	15.1	8.1	11.6	-	18.9	23	0.3	16	-	-	123	-	15	17	27	23	0	0	0	0	0	0	0	5	-	1	-	-	-	
Ballykelly	21-9	2	16.5	10.9	13.7	+0.8	21.2	22	2.6	16	14.1	13.9	103	126	15	1	25	21	0	0	0	0	0	0	0	0	0	0	3.08	78	-	
Banagher, Caugh Hill			15.7	8.4	12.1	-	20.0	23	4.6	14	-	-	130	-	17	17	25	22	0	0	0	0	0	0	1	0	0	0	5	-	-	
Derrynoyd Forest	99	88	16.0	8.7	12.3	-	20.5	20	3.2	5	-	-	127	-	20	1	26	22	0	0	0	0	0	0	2	0	3	-	-	-	-	
Somerset Forest	99	43	16.3	8.4	12.3	-	20.6	22	3.3	15	-	-	113	-	15	1	26	22	0	0	0	0	0	0	0	0	0	-	-	-	-	
Coleraine Univ....	99	23	16.1	9.2	12.7	-	20.0	20	3.3	16	13.6	13.4	115	-	17	7	26	20	0	0	0	0	1	0	0	1	0	0	2.47	-	-	
Garvagh Forest	99	88	15.6	8.7	12.1	-	20.0	20	2.8	16	14.9	14.1	129	-	27	1	28	22	0	0	0	0	1	0	0	2	-	-	-	-	-	
Moneydig	21-9	34	16.1	8.8	12.5	0.0	21.0	20	1.8	16	14.6	-	118	125	24	1	26	23	0	0	0	0	2	0	0	6	0	1	-	-	-	
Antrim																																
Portrush Golf Club	99	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ballymoney	99	55	16.5	9.1	12.8	-	20.7	20	4.1	14	-	-	112	-	18	17	25	22	0	0	0	0	0	0	0	0	0	-	-	-	-	-
Lisnafillan	99	38	16.5	8.3	12.4	-	20.6	20	1.1	16	-	-	134	-	23	7	24	20	0	0	0	0	0	0	0	2	-	-	3.32	-	-	
Aldergrove	21-9	69	16.2	9.9	13.1	+0.4	19.5	24	4.4	16	14.1	13.1	117	137	17	7	25	19	0	0	0	0	2	0	0	0	0	0	2.99	84	-	
Greenmount	99	32	16.4	9.7	13.1	-	20.0	20	3.3	16	14.6	-	116	-	15	7	25	18	0	0	0	0	0	0	0	0	-	-	-	-	-	
Altnahinch	99	226	14.7	8.6	11.7	-	18.9	20	4.4	13,16	-	-	157	-	22	7	27	23	0	0	0	0	1	0	0	1	-	5	2.83	-	-	
Parkmore Forest	99	235	14.9	7.9	11.4	-	19.4	24	2.2	14	12.9	-	171	114	23	7	25	21	0	0	0	0	0	1	0	0	-	2	-	-	-	
Black Mountain	21-9	295	13.9	8.4	11.1	-	18.2	20	4.1	14	-	-	156	-	25	7	24	21	0	0	0	0	0	8	0	-	1	-	-	-	-	
Lowtown	99	271	14.2	7.9	11.1	-	17.2	2,20,23	2.2	14	12.4	-	162	-	19	1	25	21	0	0	0	0	0	5	0	2	-	1	2.69	-	-	
Ballypatrick Forest	99	152	15.1	8.7	11.9	-	19.1	20	4.5	19	-	-	115	97	18	7	25	19	0	0	0	0	0	2	0	0	-	1	2.75	69	-	
Belfast, Malone*	99	35	16.4	9.5	12.9	-	19.4	20	2.8	13	14.3	-	127	-	33	7	24	18	0	0	0	0	0	0	0	0	-	-	3.10	-	-	
Newtownabbey	99	32	16.6	10.4	13.5	-	20.0	20,23	5.0	14	14.4	-	123	-	21	7	20	18	0	0	0	0	1	0	0	0	-	1	2.94	-	-	
Woodburn, North	99	217	14.8	8.3	11.5	-	18.3	20	3.9	28	-	-	148	138	24	1	25	21	0	0	0	0	0	10	0	0	-	-	-	-	-	
Larne	99	43	16.8	9.5	13.1	-	21.0	2	3.5	14	-	-	127	132	19	7	26	19	0	0	0	0	1	0	0	-	1	-	-	-	-	
Kilroot	99	22	16.4	9.6	13.0	-	20.0	20	5.0	13,14	-	-	112	-	19	7	22	20	0	0	0	0	0	0	0	0	-	-	-	-	-	
Ballylumford	99	24	16.3	10.2	13.3	-	20.0	20	6.1	14	-	-	111	-	19	7	24	19	0	0	0	0	0	0	0	0	-	-	-	-	-	
Down																																
Hillsborough	99	116	16.1	9.4	12.7	+0.4	20.0	20	4.4	14,16	13.6	12.9	105	136	29	7	23	18	0	0	0	0	0	0	0	0	-	1	3.18	88	-	
Kilkeel	21-9	18	15.6	10.4	13.0	+0.1	18.8	4	5.7	15	-	-	105	-	16	25	25	18	0	0	0	0	0	0	0	0	0	1	3.19	-	-	
Tollymore Park	99	76	16.6	9.6	13.1	-	22.8	20	5.0	13,16	-	-	129	107	22	1	21	19	0	0	0	0	0	0	0	0	-	-	-	-	-	
Rosetta	99	24	16.3	10.1	13.2	-	20.6	20	3.9	13	-	-	110	-	28	7	22	17	0	0	0	0	0	0	0	0	-	-	-	-	-	
Murlough	99	9	16.3	9.7	13.0	-	21.1	20	3.9	13,19	13.5	13.1	103	-	22	7	21	20	0	0	0	0	0	0	0	1	-	2	3.31	-	-	
Stormont Castle	99	56	16.5	9.8	13.1	-	20.0	20	4.4	14	14.2	13.9	101	125	19	7	23	18	0	0	0	0	1	7	0	0	-	1	2.94	-	-	
Downpatrick	99	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Creighton's Green	99	119	15.4	9.7	12.5	-	19.4	20	5.0	14	-	-	119	-	18	7	22	19	0	0	0	0	2	0	0	0	-	1	-	-	-	
Reagh Island**	99	12	16.3	10.1	13.2	-	21.1	20	5.6	13,14,16	-	-	65	-	8	13	22	17	0	0	0	0	0	0	0	0	-	2	3.33	-	-	
Helen's Bay	99	43	16.3	10.4	13.3	-	19.4	2,17,20	5.6	14	-	-	103	-	16	1	19	18	0	0	0	0	0	0	0	0	-	0	3.11	-	-	
Killough	21-9	15	15.0	10.7	12.9	-	17.9	5	4.9	16	-	-	85	-	11	1,7	23	19	0	0	0	0	0	0	0	0	0	4	-	-	-	
Ballyhalbert	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.06	-	-	
Armagh																																
Armagh	99	62	17.0	9.4	13.3	+0.4	21.1	20	4.4	14	15.6	15.0	76	103	9	1	25	20	0	0	0	0	0	0	0	0	-	1	2.62	73	-	
Loughall	99	25	16.6	9.2	12.9	-	19.4	20,22	3.9	16	-	-	77	112	11	1	25	20	0	0	0	0	0	0	0	6	-	1	3.17	-	-	
Bessbrook	-	76	-	-	-	-	-	-	-	-	-	-	105	118	20	1	22	21	-	-	-	-	-	-	-	-	-	-	3.30	89	-	
Portadown	99	16	16.8	9.3	13.1	-	20.6	20,23	3.3	16	14.8	14.4	83	-	11	1	23	19	0	0	0	0	0	0	1	0	-	0	-	-	-	
Lurgan	99	55	16.8	9.4	13.1	-	20.6	20	4.4	16	14.4	14.2	83	-	12	1	25	19	-	-	-	-	-	0	0	-	-	3.19	-	-	-	
Tyrone																																
Lough Bradan	99	169	15.2	8.1	11.7	-	18.3	20,22	2.2	14	-	-	189	-	29	9	26	22	-	0	-	-	-	3	0	1	-	-	2.82	-	-	
Baronscourt Forest	99	88	15.9	9.0	12.5	-	19.4	22	2.0	16	-	-	145	-	28	1	25	21	0	0	0	0	0	0	0	3	-	-	-	-	-	
Strabane Convent	99	44	17.0	9.5	13.3	-	21.0	20	3.5	13,16	-	-	115	-	15	16	26	19	0	0	1	0	0	0	0	1	-	3	3.01	-	-	
Carrigans	21-9	113	15.6	9.2	12.4	-	19.8	20	3.6	16	-	-	145	-	23	9	25	22	0	0	1	0	0	0	0	0	0	-	-	-	-	
Lislap Forest	99	209	15.2	7.0	11.1	-	20.6	20	0.6	14	13.5	-	166	143	22	9	27	22	0	0	0	0	0	1	0	1	-	1	-	-	-	
Knockmany Forest	99	73	16.2	7.6	11.9	-	19.7	20	1.6	16	-	-	129	140	17	1	26	23	0	0	0	0	0	2	0	3	-	-	-	-	-	
Pomeroy Forest	99	165	15.4	8.6	12.0	-	19.4	20	3.9	13,14,16	14.2	-	139	-	22	1	26	22	0	0	0	0	0	4	0	4	-	1	-	-	-	
Cookstown	99	77	15.9	8.8	12.3	-	20.6	23	3.3	16	13.8	-	111	129	17	1	26	19	0	0	0	0	2	0	0	-	-	3.07	-	-	-	
Fermanagh																																
Roscor	99	143	15.5	9.3	12.4	-	21.2	23	6.0	13,15	-	-	197	171	33	9	27	23	0	0	0	0	0	1	0	0	-	-	-	-	-	
Lough Navar Forest	99	148	15.5	8.2	11.9	-	22.2	23	3.6	15	-	-	186	-	33	9	24	23	0	0	0	0	0	1	0	0	-	0	-	-	-	
C.Archdale Forest	99	66	16.8	9.3	12.5	-0.4	20.6	20,23	4.4	16																						

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS SEPTEMBER, 1970

Height of Barometer above M.S.L. in metres	Hour of Observation (GMT)	MEAN PRESSURE IN MBs		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)						VISIBILITY (Metres and Kilometres)								WIND SPEED AND DIRECTION															
		At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	MEAN	0	1-2	3-5	6-7	8	9	0-39 m.	40-190 m.	200-390 m.	400-590 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
																									SPEED IN KNOTS												
																									4-16 more	17-20	21-24	25-32	33-40								
Number of Observations																																					
0 SCOTLAND, N.																																					
Lerwick [Zetland]																																					
83	3	1007.4	-	9.5	0.6	10.9	91	6.7	1	1	4	7	16	1	0	1	0	2	1	1	3	4	11	7	0	1	13	15	1	2	0	1	5	7	6	5	3
	9	1007.4	-2.9	10.5	0.9	11.3	89	6.9	0	1	2	14	10	3	0	3	0	1	2	1	1	7	3	12	0	1	17	11	1	3	0	2	5	7	5	6	1
	15	1007.7	-	11.1	1.2	11.3	85	6.6	0	1	5	11	10	3	0	2	1	1	0	0	5	4	7	10	0	2	17	11	0	1	0	9	4	6	8	1	
	21	1008.3	-	9.4	0.6	10.9	91	6.1	2	2	5	9	9	3	1	1	0	1	1	1	2	3	10	10	0	0	11	18	1	3	0	1	6	7	6	4	
Kirkwall [Orkney]																																					
26	3	1007.1	-	10.1	0.5	11.7	94	5.9	1	5	2	10	11	1	0	0	1	1	0	2	1	5	12	8	0	1	15	12	2	0	0	4	8	6	4	3	3
	9	1007.2	-3.5	11.5	0.8	12.2	90	6.7	0	0	8	10	11	1	0	1	0	0	0	4	3	6	7	9	0	6	13	10	1	0	0	3	7	5	3	9	2
	15	1007.6	-	12.7	1.6	12.1	83	6.5	0	2	1	19	8	0	0	0	0	0	2	0	5	2	10	11	0	4	15	11	0	1	2	3	8	1	1	11	3
	21	1008.1	-	10.2	0.6	11.5	92	5.4	0	5	8	9	6	2	0	1	0	1	1	0	3	4	9	11	0	1	14	10	5	1	0	4	3	7	1	9	0
Wick [Caithness]																																					
37	3	1007.5	-	10.3	0.6	11.6	92	5.6	0	7	2	12	8	1	0	1	0	0	1	1	5	4	9	9	0	0	16	11	3	0	0	0	6	10	4	5	2
	9	1007.7	-3.4	11.7	1.0	12.1	88	6.0	0	3	6	14	5	2	0	1	1	2	1	0	2	1	9	13	0	2	17	11	0	0	0	1	5	8	3	10	3
	15	1008.0	-	12.9	1.5	12.3	83	6.3	0	1	6	16	7	0	0	0	0	2	0	1	4	1	10	12	0	2	14	14	0	2	3	2	8	5	2	6	2
	21	1008.5	-	10.7	0.7	11.8	91	6.1	0	4	5	11	9	1	0	1	0	0	0	1	4	3	13	8	0	0	13	14	3	1	0	1	8	4	4	7	2
Cape Wrath* [Sutherland]																																					
113	3	1005.9	-	11.4	1.3	11.5	85	6.7	0	1	7	5	17	0	0	0	0	0	0	0	1	0	11	18	0	4	6	17	3	1	0	4	4	8	4	2	
	9	1006.3	-	11.1	1.1	11.4	85	6.7	0	0	5	15	9	1	0	1	0	0	0	0	5	0	5	19	1	2	7	18	2	0	1	2	6	2	9	7	1
	15	1006.9	-	12.2	1.4	12.0	84	6.8	0	1	3	14	12	0	0	0	0	0	1	0	2	1	9	17	1	4	8	17	0	0	2	2	5	1	12	8	0
	21	1007.2	-	11.6	1.3	11.6	84	6.4	0	3	3	9	15	0	0	0	1	0	0	0	1	9	19	1	1	8	14	6	1	2	0	4	2	6	9	0	
Stornoway [Ross & Cromarty]																																					
5	3	1006.3	-	9.8	0.2	12.0	98	5.2	2	6	5	7	10	0	0	0	0	0	0	0	7	10	9	4	0	3	11	11	5	0	1	3	2	5	7	7	0
	9	1006.8	-4.1	11.8	0.6	12.8	92	6.1	0	2	8	11	9	0	0	0	0	0	0	4	6	5	10	5	0	1	14	12	3	1	1	2	6	4	5	8	0
	15	1007.2	-	12.9	1.0	13.2	89	6.4	0	1	6	15	8	0	0	0	0	2	3	8	14	3	0	1	16	11	2	2	2	2	1	2	7	5	7	2	
	21	1007.5	-	10.8	0.2	12.7	97	5.8	1	5	3	10	11	0	0	0	0	0	1	5	11	10	3	0	1	12	15	2	1	1	2	3	8	5	4	4	
Benbecula [Inverness]																																					
7	3	1006.7	-	11.2	0.5	12.4	93	6.0	1	3	6	6	14	0	0	0	0	1	3	5	2	9	10	0	1	15	12	2	1	1	2	7	7	3	7	0	
	9	1007.1	-3.9	12.2	0.9	12.7	89	6.1	0	4	4	13	9	0	0	0	1	0	3	7	4	8	7	0	3	17	10	0	2	1	0	7	7	4	8	1	
	15	1007.8	-	13.2	1.2	13.2	86	6.2	0	2	7	12	9	0	0	0	0	1	0	6	2	10	11	0	2	19	9	0	0	2	0	4	7	6	8	3	
	21	1007.7	-	11.6	0.7	12.6	91	6.5	0	3	3	12	12	0	0	0	0	1	2	5	4	10	8	0	2	17	8	3	1	1	1	6	7	4	5	2	
1 SCOTLAND, E																																					
Kinloss [Moray]																																					
6	3	1007.7	-	11.1	1.2	11.4	86	6.4	0	3	4	11	12	0	0	0	0	0	0	1	2	5	10	12	0	0	9	20	1	0	0	4	4	7	8	6	0
	9	1008.2	-2.8	12.7	1.6	12.0	81	6.0	0	1	9	14	6	0	0	0	0	0	2	2	2	6	18	0	1	8	19	2	0	0	4	3	3	8	5	10	4
	15	1008.2	-	14.7	2.4	12.6	74	6.4	0	1	5	19	5	0	0	0	0	0	1	4	5	7	13	0	1	14	15	0	1	1	4	2	2	5	11	4	
	21	1008.8	-	11.7	1.3	11.7	84	6.4	0	2	5	13	10	0	0	0	1	0	0	6	2	10	11	0	0	8	19	3	0	1	3	2	6	8	6	1	
Dyce [Aberdeen]																																					
59	3	1008.7	-	10.2	0.7	11.4	90	6.2	0	5	3	8	13	1	0	1	0	1	1	4	2	8	5	8	0	0	10	12	8	2	0	1	2	7	5	4	1
	9	1009.1	-3.3	12.0	1.4	11.8	83	6.3	0	4	2	17	6	1	0	0	1	1	0	4	5	5	2	12	0	1	11	15	3	2	0	3	0	8	4	7	3
	15	1008.9	-	14.8	2.7	12.1	72	6.3	0	1	8	14	6	1	0	0	0	1	1	7	4	5	11	0	4	7	19	0	3	0	1	5	10	6	4	1	
	21	1009.5	-	11.2	1.1	11.7	87	6.2	1	3	4	11	11	0	0	1	0	1	3	3	11	4	7	0	1	8	15	6	0	0	0	0	1	10	1	9	3
Fraserburgh [Aberdeen]																																					
22	3	1008.3	-	11.1	0.6	12.2	91	6.0	0	2	9	7	12	0	0	0	1	0	0	3	3	16	7	0	0	2	15	13	0	1	0	0	4	12	0	13	0
	9	1008.6	-3.3	12.2	1.0	12.5	88	6.4	0	7	7	13	10	0	0	0	0	0	2	7	2	17	2	0	3	10	17	0	0	0	1	5	9	1	13	1	
	15	1008.6	-	14.0	1.6	13.2	83	5.8	0	2	8	14	5	1	0	0	1	1	0	1	4	5	15	3	0	4	10	15	1	4	0	4	4	7	2	8	0
	21	1009.1	-	11.8	0.8	12.6	91	6.1	0	2	8	10	9	1	0	0	0	1	0	2	4	11	12	0	1	0	9	18	2	1	1	2	3	12	1	8	0
Usan [Angus]																																					
35	3	1009.2	-	11.0	0.8	11.9	90	5.1	1	8	5	4	12	0	0	0	0	1	2	6	1	4	16	0	2	7	18	3	0	1	0	1	6	8	7	4	
	9	1009.7	-	12.6	1.6	11.9	81	5.5	0	7	4	10	9	0	0	0	0	1	2	6	1	5	15	0	0	13	17	0	2	0	1	1	3	5	15	3	
	15	1009.4	-	14.3	2.3	12.3	76	6.0	0	4	4	13	8	1	0	0	1	0	4	4	1	5	15	0	2	11	14	3	1	0	2	2	8	3	10	1	
	21	1010.0	-	11.8	1.1	12.0	86	5.2	0	8	5	7	9	1	0	0	0	1	0	2	4	4	15	0	2	7	20	1	1	0	0	1	4	9	13	1	
Leuchars [Fife]																																					
12	3	1008.9	-	10.7	0.6	12.0	92	5.9	1	4	6	7	12	0	0	0	0	1	3	7	4	8	7	0	2	6	19	3	0	1	2	2	5	10	6	1	
	9	1009.7	-3.1	12.6	1.5	12.2	83	5.6	0	6	4	13	7	0	0	0	2	0	2	5	6	5	10	0	2	9	16	3	0	0	2	4	1	8	11	1	
	15	1009.3	-	15.2	2.7	12.6	73	6.3	0	2	5	18	5	0	0	0	0	1	0	2	8	8	11	0	3	11	15	1	0	0	5	2	2	4	15	1	
	21	1009.9	-	11.4	1.0	12.0	88	5.9	0	5	4	10	11	0	0	0	1	1	1	3	5	12	7	0	1	10	12	7	0	0	1	3	2	8	9	0	
Turnhouse [Midlothian]																																					
44	3	1009.7	-	10.6	0.8	11.7	90	6.1	1	4	2	11	12	0	0	0	1	0	3	9	8	8	1	0	1	8	15	6	0	3	1	1	4	9	6	0	
	9	1010.3	-2.9	12.7	1.3	12.4	84	6.0	0	3	4	15	8	0	0	0	0	2	2	5	14	6	1	0	2	8	17	3	0	2	1	3	2	6	12	1	
	15	1010.0	-	15.4	2.9	12.4	71	6.2	0	3																											

*See Notes on Tables in the Introduction.

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS SEPTEMBER, 1970

Height of Barometer above M.S.L. in metres	Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktaa)						VISIBILITY (Metres and Kilometres)										WIND SPEED AND DIRECTION													
		At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	Mean	0	1-2	3-5	6-7	8	9	0-39 m.	40-190 m.	200-390 m.	400-590 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
																									SPEED IN KNOTS												
																									0-10	11-20	21-30	31-40	41-50								
Number of Observations																																					
6a. SCOTLAND, W. - contd.																																					
Abbotsinch [Renfrew]																																					
9	3	1009.5	-	11.0	0.6	12.4	93	6.6	1	2	3	9	15	0	0	0	0	1	2	6	9	3	5	4	0	1	8	12	9	0	4	1	0	4	9	3	0
9	9	1010.1	-3.2	12.5	1.1	12.8	88	6.6	0	2	2	14	12	0	0	0	0	2	3	6	3	10	4	2	0	2	5	17	6	0	7	2	1	1	7	5	1
15	15	1010.1	-	14.8	2.3	12.7	74	6.6	0	1	5	15	9	0	0	0	0	0	0	3	4	8	8	7	0	2	13	15	0	0	4	1	1	8	6	9	1
21	21	1010.4	-	12.1	1.0	12.5	87	6.6	0	2	3	14	11	0	0	0	0	0	0	4	10	10	3	3	0	1	8	16	5	0	2	4	2	3	9	4	1
Salsburgh [Lanark]																																					
9	9	1009.6	-	11.8	0.9	12.4	89	6.2	1	2	7	6	14	0	0	0	0	0	0	0	9	11	9	1	0	1	8	18	3	0	0	3	5	3	6	8	2
21	3	1010.2	-3.2	13.3	1.3	13.0	84	6.3	0	3	3	14	10	0	0	0	0	0	0	3	7	10	5	5	0	1	10	18	1	0	0	1	6	6	7	6	3
15	15	1010.4	-	14.9	2.3	12.9	75	6.4	0	1	6	15	8	0	0	0	0	0	1	6	6	9	8	0	0	0	15	14	1	1	0	0	3	4	4	16	1
21	21	1010.6	-	12.4	1.2	12.5	86	6.1	1	1	5	14	9	0	0	0	0	0	2	5	15	6	2	0	0	0	10	19	1	0	0	6	1	7	6	8	1
Eskdalemuir [Dumfries]																																					
237	3	1010.7	-	9.7	0.4	11.6	94	6.2	1	4	4	4	16	1	1	1	0	4	4	3	4	8	5	0	0	3	6	7	14	1	0	1	1	4	6	3	0
9	9	1011.3	-2.3	11.1	0.8	12.0	90	6.7	0	2	3	12	12	1	0	0	0	3	3	1	10	4	8	1	0	1	7	16	6	1	1	0	2	6	8	5	1
15	15	1010.9	-	13.8	2.0	12.4	78	6.9	0	0	5	13	12	0	0	0	1	0	0	8	8	8	5	1	3	8	17	1	0	0	1	1	6	12	9	0	
21	21	1011.7	-	10.3	0.7	11.6	91	6.1	0	5	4	8	13	0	0	0	1	3	4	7	7	7	1	0	2	5	9	14	0	1	0	0	5	7	3	0	
Mull of Galloway [Wigtown]																																					
79	3	1010.1	-	12.3	0.9	12.9	90	5.7	3	4	3	4	15	1	0	1	0	0	0	0	3	7	8	11	3	4	13	7	3	2	1	0	2	13	6	3	0
9	9	1010.4	-	12.7	1.0	13.0	88	6.0	0	6	3	7	13	1	0	0	1	0	1	1	5	5	10	7	1	5	12	10	2	0	0	2	2	11	6	6	1
15	15	1010.9	-	13.9	1.6	13.0	82	6.1	0	4	4	11	10	1	0	0	1	0	0	1	2	8	13	5	2	4	14	7	3	0	0	2	1	14	3	5	2
21	21	1010.7	-	12.6	1.1	12.9	88	5.5	3	4	3	9	10	1	0	1	0	0	0	0	3	8	7	11	2	3	15	7	3	0	0	3	2	10	7	3	2
6b. ISLE OF MAN																																					
Ronaldsway																																					
21	3	1011.3	-	12.5	0.8	13.2	90	6.3	0	4	5	5	16	0	0	0	0	0	4	5	9	6	6	0	5	9	16	0	4	0	4	1	7	7	5	2	
9	9	1011.9	-2.6	13.5	1.1	13.5	87	6.1	0	3	7	10	10	0	0	0	0	0	1	2	6	10	0	11	1	4	11	14	0	0	2	6	2	4	6	8	2
15	15	1012.1	-	14.8	1.7	13.7	81	6.0	0	6	1	15	8	0	0	0	0	0	3	4	10	5	8	0	2	15	13	0	0	0	6	3	7	8	6	0	
21	21	1012.1	-	12.8	1.0	13.2	89	6.2	0	3	5	10	12	0	0	0	0	1	1	3	9	3	7	6	1	3	9	17	0	2	2	3	2	6	4	7	4
Point of Ayre																																					
9	3	1011.0	-	12.8	0.7	13.7	92	6.4	0	1	9	4	16	0	0	0	0	0	0	6	4	11	9	0	3	15	11	1	0	0	1	5	3	10	7	3	
9	9	1011.5	-	13.7	1.1	13.9	88	6.3	0	2	5	13	10	0	0	0	0	0	2	6	2	13	7	0	7	13	9	1	0	0	1	7	3	7	8	3	
15	15	1011.6	-	15.4	1.8	14.1	80	6.1	0	1	8	16	5	0	0	0	0	0	2	3	5	13	7	0	3	20	6	1	0	0	1	6	4	6	10	2	
21	21	1011.6	-	12.8	0.9	13.3	89	5.9	0	2	8	12	8	0	0	0	0	0	0	5	6	8	11	0	2	18	8	2	0	0	0	5	7	7	6	3	
2. ENGLAND, N.E.																																					
Acklington [Northumberland]																																					
46	3	1010.8	-	10.7	0.6	12.0	92	5.4	3	5	3	6	12	1	0	1	0	0	3	6	1	3	7	9	0	2	8	19	1	1	0	0	2	6	5	14	1
9	9	1011.2	-2.4	13.2	1.5	12.7	83	6.0	0	4	4	16	5	1	0	1	0	0	1	6	2	6	8	0	2	12	13	3	0	0	1	1	7	2	14	2	
15	15	1010.7	-	15.5	2.5	13.2	75	6.2	0	2	5	17	6	0	0	0	0	0	1	4	4	6	4	11	1	3	11	15	0	0	0	8	4	6	10	2	
21	21	1011.5	-	11.8	1.0	12.3	88	5.9	0	5	5	10	9	1	0	0	0	0	1	4	6	5	6	7	0	1	7	21	1	0	0	0	6	6	7	9	0
Tynemouth [Northumberland]																																					
40	3	1010.8	-	10.7	0.6	12.0	92	5.4	3	5	3	6	12	1	0	1	0	0	3	6	1	3	7	9	0	2	8	19	1	1	0	0	2	6	5	14	1
9	9	1011.9	-2.1	13.2	1.3	12.9	84	5.7	1	2	9	11	7	0	0	0	0	0	3	7	4	5	11	0	0	2	15	11	2	0	0	1	0	10	2	15	0
15	15	1011.4	-	15.3	2.4	13.1	75	5.7	0	1	14	11	4	0	0	0	0	0	1	7	4	2	16	0	0	5	14	11	0	1	0	2	3	9	2	13	0
21	21	1012.0	-	13.3	1.5	12.8	89	5.7	1	3	6	12	8	0	0	0	0	0	3	8	12	7	0	0	0	2	12	15	1	0	0	0	1	10	7	11	0
Seahouses [Northumberland]																																					
12	3	1010.6	-	11.3	0.6	12.5	92	5.6	2	3	6	7	11	1	1	0	0	0	3	7	10	8	1	0	2	7	20	1	1	0	1	3	8	8	7	1	
9	9	1011.1	-	12.9	1.3	12.7	84	5.5	0	5	6	11	7	1	0	0	0	2	3	4	5	9	7	0	1	9	19	1	1	0	2	1	10	3	12	0	
15	15	1010.7	-	15.2	2.3	13.1	75	5.8	0	2	11	11	6	0	0	0	1	0	6	4	2	7	10	3	3	9	17	1	0	1	2	4	7	6	8	1	
21	21	1011.4	-	12.3	1.3	12.3	85	5.5	1	6	5	7	10	1	0	1	0	1	1	6	9	11	0	0	1	3	22	4	1	0	0	3	7	7	8	0	
Leeming [Yorks, N.Riding]																																					
33	3	1012.4	-	11.5	1.1	11.9	86	4.7	2	7	6	8	7	0	0	1	0	5	4	3	3	11	3	0	1	7	18	4	0	2	0	2	15	1	4	2	
9	9	1012.8	-2.0	13.7	1.7	12.7	80	6.1	0	3	4	16	6	1	0	1	0	1	5	3	4	9	7	0	1	9	20	0	2	0	0	0	15	2	7	4	
15	15	1012.4	-	17.0	3.5	12.9	66	6.2	0	0	10	11	9	0	0	0	0	1	0	7	5	12	0	1	15	14	0	1	1	0	1	10	5	10	2		
21	21	1013.1	-	13.1	1.7	12.3	81	5.8	1	2	9	11	7	0	0	0	1	2	3	7	1	10	6	0	0	6	20	4	1	1	0	1	14	2	6	1	
Whitby C.G. [Yorks, N.Riding]																																					
66	3	1012.4	-	13.6	1.6	12.9	82	5.4	0	4	10	9	7	0	0	0	0	0	1	6	14	9	0	0	2	13	13	2	0	0	0	3	13	4	6	2	
15	15	1012.4	-	13.6	1.6	12.9	82	5.4	0	4	10	9	7	0	0	0	0	0	1	6	14	9	0	0	2	13	13	2	0	0	0	3	13	4	6	2	
21	21	1012.4	-	13.6	1.6	12.9	82	5.4	0	4	10	9	7	0	0	0	0	0	1	6	14	9	0	0	2	13	13	2	0	0	0	3	13	4	6	2	
Kilnsea [Yorks, E.Riding]																																					
16	3	1013.9	-	12.5	1.1	12.7	86	4.4	3	7	6	6	8	0	0	0	0	2	0	8	20	0	0	0	0	5	17	7	1	2	0	1	0	8	8	9	1
9	9	1014.2	-0.8	13.9	1.6	13.1	81	5.6	1	2	9	10	8	0	0	0	0	0	6	4	20	0	0	0	0	8	15	7	0	0	2	0	2	7	6	12	1
15	15	1013.8	-	16.4	3.1	12.8	69	5.4	0	2	12	13	3	0	0	0	0	0	1	9	20	0	0	1	7	15	6	1	0	1	3	4</					

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS SEPTEMBER, 1970

Height of Barometer above M.S.L. in metres	Hour of Observation (GMT)	MEAN PRESSURE IN mbs		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Okta)						VISIBILITY (Metres and Kilometres)										WIND SPEED AND DIRECTION																	
		At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	Mean	0	1-2	3-5	6-7	8	9	0-10 m.	10-100 m.	200-300 m.	400-500 m.	1000-1500 m.	2000-3000 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BRAUFOOT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.				
																									8 or more	4-7	4-9	1-3	Calm												
																																						SPEED IN KNOTS			
																																						22-33	11-21	1-10	0
Number of Observations																																									
3. ENGLAND, E. - contd.																																									
Honington [Suffolk]																																									
51	3	1015.4	-	11.7	1.1	12.1	87	3.7	7	6	8	2	7	0	0	0	0	0	3	5	11	10	1	0	0	0	6	20	4	2	1	1	4	5	8	5	0				
	9	1015.7	-0.2	14.9	2.2	13.0	76	5.3	0	7	5	13	5	0	0	0	0	0	1	13	6	9	1	0	0	0	12	18	0	1	2	2	4	8	6	7	0				
	15	1014.7	-	18.7	4.9	12.1	56	5.5	0	4	5	16	5	0	0	0	0	0	0	9	8	8	5	0	1	14	15	0	1	2	2	4	8	3	9	1					
	21	1015.6	-	13.8	1.9	12.5	79	5.0	5	1	7	9	8	0	0	0	0	0	4	11	7	7	1	0	0	7	23	0	0	5	2	5	6	6	6	0					
Wattisham [Suffolk]																																									
91	3	1015.7	-	11.7	0.9	12.4	90	3.2	12	3	4	8	3	0	0	0	0	0	1	7	9	11	2	0	0	0	7	21	2	3	1	0	5	8	7	4	0				
	9	1016.1	-	14.7	2.0	13.3	79	5.1	0	6	7	11	6	0	0	0	0	0	0	13	8	9	0	0	0	0	10	19	1	1	1	3	3	7	8	6	0				
	15	1015.1	-	18.3	4.4	12.6	60	5.2	0	5	9	12	4	0	0	0	0	0	0	7	15	8	0	0	0	2	12	16	0	1	1	2	4	5	5	10	2				
	21	1015.9	-	13.6	1.8	12.6	80	5.0	3	4	7	11	5	0	0	0	0	0	4	12	9	5	0	0	0	0	6	24	0	3	2	2	6	4	6	6	1				
Aldeburgh [Suffolk]																																									
9	3	1016.4	-	-	-	-	-	5.0	1	7	9	4	9	0	0	0	0	0	4	11	14	0	1	0	1	12	15	2	1	2	1	3	3	7	8	3	-				
	9	1015.6	-	-	-	-	-	5.1	2	5	5	12	6	0	0	0	0	1	5	7	17	0	0	0	2	16	12	0	0	2	4	2	5	9	4	4					
	21	1015.9	-	-	-	-	-	3.8	11	3	3	3	10	0	0	0	0	1	2	8	19	0	0	0	3	7	19	1	2	0	5	4	3	6	6	3					
Wyton [Hunts]																																									
43	3	1015.0	-	12.1	1.1	12.5	88	3.4	11	6	0	7	6	0	0	1	0	0	6	8	11	4	0	0	0	0	5	23	2	0	1	1	4	7	9	4	2				
	9	1015.4	-	14.5	1.9	13.2	79	5.7	1	4	4	15	6	0	0	0	0	4	11	10	5	0	0	0	0	11	19	0	1	1	2	2	9	9	5	1					
	15	1014.6	-	18.7	4.6	12.7	59	5.7	1	4	5	15	5	0	0	0	0	0	9	10	10	1	0	0	0	16	14	0	2	3	1	2	6	9	7	0					
	21	1015.4	-	14.2	2.0	12.7	78	4.8	1	9	5	9	6	0	0	0	0	1	2	9	14	4	0	0	0	5	23	2	0	2	4	2	5	9	5	1					
Cardington [Bedford]																																									
29	3	1015.2	-	11.4	0.7	12.5	92	4.1	7	7	1	7	8	0	0	0	1	2	5	12	6	4	0	0	0	8	21	1	1	0	1	0	8	10	7	2					
	9	1016.0	+0.0	14.9	1.8	13.8	81	5.1	1	7	4	12	6	0	0	0	0	1	4	9	7	9	0	0	0	12	17	0	1	0	3	0	6	7	10	3					
	15	1015.0	-	19.0	4.4	13.2	61	5.4	1	4	6	16	3	0	0	0	0	0	0	9	11	9	1	0	3	11	16	0	1	1	3	1	6	5	11	2					
	21	1015.5	-	13.4	1.4	13.0	84	4.1	6	6	4	9	5	0	0	0	0	1	4	7	12	6	0	0	0	9	18	3	0	0	2	3	4	6	10	2					
Stansted [Essex]																																									
102	3	1015.8	-	11.6	0.8	12.4	89	3.7	10	3	5	8	4	0	0	0	1	2	4	8	13	2	0	0	0	3	18	9	1	1	1	4	6	5	3	0					
	9	1016.2	-0.1	14.6	1.7	13.6	81	4.7	1	5	10	9	5	0	0	0	0	1	2	10	9	7	1	0	0	8	17	5	1	1	2	2	6	6	6	1					
	15	1015.1	-	18.7	4.4	13.0	60	5.1	2	4	9	10	5	0	0	0	0	1	1	13	13	2	0	0	0	13	15	2	1	0	3	3	7	6	8	0					
	21	1016.0	-	13.8	1.7	12.9	81	4.9	5	2	7	10	6	0	0	0	0	0	3	7	14	6	0	0	0	5	20	5	1	1	3	4	3	8	5	0					
Shoeburyness [Essex]																																									
5	9	1016.2	-0.4	15.7	1.7	14.7	82	4.7	0	11	3	9	7	0	0	0	0	1	3	15	4	5	2	0	1	10	18	1	0	1	3	6	2	7	8	2					
	15	1015.3	-	18.4	3.2	14.8	70	5.2	1	4	10	10	5	0	0	0	0	2	10	8	9	1	0	2	12	16	0	0	0	8	1	5	8	7	1						
	21	1015.9	-	15.3	1.7	14.4	82	4.5	4	6	5	11	4	0	0	0	0	2	4	8	6	9	1	0	1	8	21	0	0	1	3	4	3	10	8	1					
Walton-on-Naze [Essex]																																									
8	3	1015.9	-	13.7	1.4	13.3	84	3.1	10	5	7	2	6	0	0	1	0	0	4	12	13	0	0	0	1	6	20	3	0	0	2	0	7	2	11	5					
	9	1016.5	-	16.0	2.4	13.8	75	4.8	3	6	6	8	7	0	0	0	1	5	12	12	0	0	0	0	3	10	17	0	0	1	3	1	6	7	7	5					
	15	1015.7	-	17.7	3.3	13.9	69	5.0	2	3	11	9	5	0	0	0	0	1	4	14	11	0	0	0	3	8	18	1	1	0	4	2	7	7	3	5					
	21	1016.1	-	15.3	2.0	13.8	79	4.0	8	5	5	5	7	0	0	0	0	1	3	14	12	0	0	0	3	5	20	2	2	1	2	6	3	5	7	2					
4. MIDLAND COUNTIES																																									
Huddersfield Oaks [Yorks. W.R.]																																									
235	3	1013.0	-	10.6	1.0	11.4	88	5.2	3	4	5	12	5	1	0	1	0	1	3	4	3	11	7	0	0	3	10	8	9	0	0	0	0	8	10	3					
	9	1013.6	-1.4	13.3	1.5	12.8	83	6.2	0	1	9	11	8	1	0	1	0	2	4	0	3	11	9	0	0	1	9	13	7	0	1	2	0	1	8	9	2				
	15	1013.4	-	15.2	2.6	12.6	73	6.5	0	1	6	10	13	0	0	0	0	1	2	7	6	13	1	0	1	13	14	2	0	1	0	1	6	6	11	3					
	21	1013.8	-	11.7	1.2	11.9	86	5.1	1	5	9	7	8	0	0	0	2	1	1	4	5	17	0	0	3	7	10	10	0	0	1	2	8	8	1	0					
Watnall [Nottingham]																																									
119	3	1014.1	-	11.2	0.7	12.3	92	4.7	1	10	5	6	8	0	0	0	1	2	4	11	10	2	0	0	0	4	23	3	0	2	2	2	4	10	7	0					
	9	1014.4	-1.3	13.9	1.5	13.2	83	5.4	1	3	8	11	7	0	0	0	1	3	3	8	9	6	0	0	1	10	17	2	0	1	3	2	4	10	7	1					
	15	1013.9	-	17.4	3.6	13.0	65	5.6	0	2	9	14	5	0	0	0	0	0	7	9	9	5	0	1	13	16	0	1	1	2	2	7	7	9	1						
	21	1014.6	-	13.1	1.5	12.7	84	4.8	2	6	7	10	5	0	0	0	0	1	2	16	10	1	0	0	0	7	23	0	1	1	6	0	3	11	7	1					
Finningley [Nottingham]																																									
14	3	1013.5	-	11.8	1.0	12.3	88	4.0	7	5	5	8	5	0	0	1	0	3	12	9	2	3	0	0	0	5	18	7	0	0	0	4	7	7	4	1					
	9	1013.8	-1.3	14.6	1.9	13.1	79	5.2	0	5	9	8	8	0	0	0	1	2	3	6	10	6	2	0	0	12	17	1	1	1	0	3	7	7	3						
	15	1013.4	-	17.7	4.0	12.7	69	6.2	0	2	6	17	5	0	0	0	0	0	10	12	7	1	0	1	12	16	1	0	0	1	2	10	4	8	4						
	21	1014.0	-	13.6	1.7	12.7	81	4.6	3	6	4	13	4	0	0	0	0	1	0	14	13	2	0	0	0	2	25	3	0	1	0	3	9	7	5	2					
Wittering [Northampton]																																									
67	3	1014.8	-	11.4	0.9	12.2	90	3.8	10	2	7	5	6	0	0	0	2	1	5	9	8	5	0	0	0	7	19	4	1	0	1	3	6	9	5	1					
	9	1015.0	-0.8	14.4	1.9	13.1	79	4.8	1	9	5	9	6	0	0	0	1	0	2	8	13	3	0	3	10	17	0	1	2	1	2	6	9	7	2						
	15	1014.3	-	18.2	4.3	12.6	61	5.4	1	3	9	14	3	0	0	0	0	1	4	8	11	6	0	2	17	11	0	3	1	1	2	7	6	9	1						
	21	1015.0	-	13.5	1.6	12.7	81	4.7	3	6	4	12	5	0	0	0	0	0	1	13	7	9	0	0	0	9	20	1	0	1	4	2	4	8	7	3					
Edgbaston [Warwick]																																									
165	9	1015.0	-0.9	13.4	1.5	12.7	82	6.1	0	3	5	14	8	0	0	0	2	2	13	6	5	3	0	0	0	8	21	1													

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS SEPTEMBER, 1970

Height of Barometer above M.S.L. in metres	Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Okta)					VISIBILITY (Metres and Kilometres)										WIND SPEED AND DIRECTION															
		At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	MEAN	0	1-2	3-5	6-7	8	9	0-39 m.	40-199 m.	200-399 m.	400-599 m.	1000-1999 m.	2000-3999 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	
																									SPEED IN KNOTS													
																									8 or more	4-7	4-5	1-3	Calms									
																									34 or more	22-33	11-21	1-10	0									
Number of Observations																																						
4. MIDLAND COUNTIES — contd.																																						
Little Rissington [Gloucester]																																						
229	3	1015.3	-	11.3	0.7	12.3	90	4.6	4	4	7	8	7	0	0	0	1	1	2	8	8	6	4	0	2	3	25	0	3	0	2	3	6	9	7	0		
	9	1015.6	-0.7	13.0	1.2	12.9	86	6.2	0	2	8	11	8	1	0	0	1	0	1	5	8	5	5	0	2	7	21	0	1	1	2	3	4	10	8	1		
	15	1014.8	-	17.1	3.9	12.2	82	6.1	0	2	2	24	2	0	0	0	0	0	0	4	7	11	8	0	2	15	12	1	0	0	2	1	7	9	8	2		
	21	1015.8	-	13.1	1.4	12.8	84	4.6	3	6	5	14	2	0	0	0	0	0	1	9	8	5	7	0	2	6	21	1	0	1	2	2	4	8	11			
5. ENGLAND, S.E.																																						
Heathrow [Greater London]																																						
26	3	1015.6	-	12.6	0.9	13.2	89	4.1	6	6	5	7	6	0	0	0	1	2	6	7	8	5	1	0	1	2	20	7	1	0	1	4	6	7	4	0		
	9	1016.0	-0.5	15.1	1.9	13.7	80	5.6	0	5	6	10	9	0	0	0	0	0	8	8	8	8	0	0	0	11	19	0	2	0	4	6	2	10	5	1		
	15	1015.0	-	19.3	4.5	13.4	80	5.2	1	4	9	11	5	0	0	0	0	0	1	7	6	13	3	0	2	15	13	0	1	0	2	3	8	7	7	2		
	21	1015.8	-	15.2	2.1	13.4	77	4.8	4	6	2	13	5	0	0	0	0	1	4	7	9	8	1	0	0	7	22	1	1	0	3	4	5	9	5	2		
Kew [Greater London]																																						
10	9	1016.7	+0.1	15.3	2.2	13.8	79	6.1	0	3	5	13	9	0	0	0	0	1	3	10	4	12	0	0	0	2	21	7	1	0	3	1	4	8	6	0		
	15	1015.6	-	18.9	4.6	13.3	61	5.2	2	4	3	17	4	0	0	0	0	0	0	7	7	15	1	0	0	7	23	0	1	0	3	2	6	9	6	3		
	21	1016.5	-	13.8	1.7	13.0	82	4.8	2	4	9	12	3	0	0	1	0	0	1	2	7	8	11	0	0	0	3	20	7	0	2	2	1	5	6	6	1	
Gatwick [Surrey]																																						
59	3	1016.5	-	10.3	0.4	12.2	96	4.6	4	7	5	4	7	3	0	3	5	3	1	3	6	8	1	0	0	0	2	15	13	0	0	2	0	9	5	1		
	9	1016.8	-	14.2	1.2	14.2	87	5.3	0	8	4	11	7	0	0	0	0	2	8	4	9	7	0	0	0	9	18	3	2	1	6	1	2	8	6	1		
	15	1015.7	-	19.0	3.8	14.5	66	5.6	0	4	5	18	3	0	0	0	0	0	1	9	9	9	2	0	2	11	17	0	0	0	3	7	6	8	3			
	21	1016.7	-	13.2	1.1	13.4	88	4.8	4	5	4	12	5	0	0	0	1	1	5	9	6	7	0	0	0	4	17	9	0	0	2	2	1	9	6	1		
Dungeness [Kent]																																						
7	3	1016.5	-	14.6	0.6	15.6	93	2.8	14	4	3	3	6	0	0	0	0	0	0	8	3	19	0	1	4	11	13	1	1	0	3	1	7	3	14	0		
	9	1017.0	-	15.8	0.8	16.5	92	4.5	4	7	6	4	9	0	0	0	0	0	1	11	6	12	0	1	3	7	16	3	0	0	4	1	9	1	10	2		
	15	1016.4	-	18.0	1.4	17.9	87	4.6	2	4	13	7	4	0	0	0	0	0	1	11	2	16	0	1	6	9	14	0	0	1	4	1	9	4	11	0		
	21	1016.7	-	15.8	0.6	16.8	93	2.8	15	3	4	4	4	0	0	0	0	0	0	7	4	19	0	1	5	10	11	3	0	0	8	1	4	1	13	0		
Deal [Kent]																																						
10	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	9	1017.1	-	15.8	2.0	14.3	79	4.6	5	5	5	7	8	0	0	0	0	1	3	13	9	3	1	0	0	9	18	3	0	0	2	1	8	6	7	3		
	15	1016.3	-	18.1	3.2	14.5	70	4.8	3	4	8	10	5	0	0	0	0	1	3	10	12	3	1	0	2	11	17	0	1	1	4	1	9	7	5	2		
	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Manston [Kent]																																						
15	3	1016.6	-	12.7	1.0	13.1	88	4.3	6	6	3	8	6	1	1	0	0	0	1	9	7	11	1	0	0	6	23	1	0	0	2	1	7	8	9	2		
	9	1017.0	-	15.5	2.0	14.0	79	4.5	0	10	6	10	4	0	0	0	0	0	3	8	8	8	3	0	2	9	18	1	1	1	2	3	7	6	5	4		
	15	1016.2	-	18.3	3.6	13.9	66	5.0	2	5	7	10	6	0	0	0	0	0	0	10	5	11	4	0	2	10	18	0	1	2	2	5	5	8	3	4		
	21	1016.7	-	14.7	1.6	13.9	83	5.3	4	1	7	14	4	0	0	0	0	0	0	7	6	14	3	0	0	6	23	1	0	0	4	5	1	13	5	1		
Thorney Island [Sussex]																																						
4	3	1016.4	-	13.1	0.7	13.9	91	3.8	7	6	6	6	5	0	0	0	0	1	2	11	10	5	1	0	2	7	21	0	2	4	6	1	1	3	9	4		
	9	1016.9	+0.1	15.8	1.5	15.1	84	5.4	0	6	8	8	7	1	0	0	1	0	3	7	7	8	4	0	3	10	17	0	0	2	5	2	4	6	7	4		
	15	1016.2	-	17.7	2.8	14.8	73	5.5	0	5	8	12	5	0	0	0	0	1	0	9	6	8	6	0	4	12	14	0	0	1	3	4	6	10	5	1		
	21	1016.9	-	14.4	1.1	14.4	87	4.4	4	6	4	10	6	0	0	0	0	2	3	7	7	10	1	0	1	7	20	2	1	6	2	1	0	5	13	0		
Eastbourne C.G. [Sussex]																																						
7	9	1016.6	-0.4	15.4	1.3	15.2	86	5.1	2	5	7	7	9	0	0	0	0	1	20	7	2	0	1	4	7	13	5	4	1	1	0	5	3	8	3			
	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	21	1016.6	-	15.1	1.2	15.0	87	4.5	7	1	8	8	6	0	0	0	1	3	14	12	0	0	1	5	4	12	8	1	2	2	0	5	2	7	3			
Abingdon [Berkshire]																																						
71	3	1015.6	-	11.8	0.8	12.7	90	4.0	9	4	3	6	7	1	0	1	1	2	2	5	6	5	7	1	0	0	4	21	5	1	0	3	2	10	2	7	0	
	9	1015.9	-0.5	14.2	1.6	13.4	82	6.3	0	1	6	12	11	0	0	1	1	1	1	2	10	6	7	1	0	0	8	22	0	0	2	2	4	7	7	1		
	15	1015.0	-	18.5	4.3	13.1	82	5.6	0	3	9	14	4	0	0	0	0	0	0	7	10	10	3	0	0	13	17	0	1	0	2	2	7	6	11	1		
	21	1016.0	-	13.8	1.7	13.0	82	4.5	3	7	4	12	4	0	0	0	0	0	1	11	9	8	1	0	0	4	23	3	1	1	5	3	2	10	4	1		
Hurn [Hampshire]																																						
14	3	1016.1	-	11.8	0.7	13.0	92	5.1	5	3	4	10	7	1	0	1	0	2	3	5	4	13	2	0	0	1	2	18	9	0	1	1	1	3	9	4	2	
	9	1016.4	-0.2	15.3	1.6	14.5	83	5.4	0	3	10	14	3	0	0	0	0	2	4	7	6	10	1	0	1	12	16	1	1	2	2	4	3	7	7	3		
	15	1016.0	-	18.2	3.2	14.6	70	5.5	0	2	12	12	4	0	0	0	0	1	2	10	3	12	2	0	2	16	12	0	0	1	1	6	7	7	6	2		
	21	1016.7	-	13.5	1.1	13.7	87	4.1	3	9	6	6	6	0	0	1	0	0	7	6	9	7	0	0	1	4	20	5	1	3	2	1	1	11	5	1		
S. Farnborough [Hampshire]																																						
70	3	1016.1	-	11.7	0.7	12.8	92	4.0	7	7	3	5	8	0	0	0	1	0	5	11	9	2	2	0	0	3	18	9	0	0	2	3	5	4	7	0		
	9	1016.4	-0.3	14.6	1.3	14.3	86	6.0	0	4	3	18	5	0	0	0	0	1	3	9	6	6	5	0	0	7	22	1	2	1	2	6	3	7	6	2		
	15	1015.4	-	18.9	3.8	14.4	67	5.3	0	5	7	14	4	0	0	0	0	0	1	6	8	10	5	0	1	14	14	1	0	0	3	4	4	7	9	2		
Lynchem [Wiltshire]																																						
149	3	1015.4	-	11.9	0.6	13.0	93	5.0	3	5	5	9	8	0	0	0	1	1	7	10	5	5	1	0	0	3	25	2	0	1	1	3	8	12	3	0		
	9	1015.8	-0.7	13.8	1.2	13.8	87	6.0	0	2	10	9	9	0	0	0	0	4	5	3	11	5	2	0	0	12	15	3	1	2	2	1	7	8	6	0		
	15	1015.0	-	17.5	3.0	14.3	71	5.7	0	2	10	15	3	0	0	0	0	0																				

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS SEPTEMBER, 1970

Height of Barometer above M.S.L. in metres	Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Metres and Kilometres)										WIND SPEED AND DIRECTION														
		At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	Mean	0	1-2	3-5	6-7	8	9	0-39 m.	40-190 m.	200-390 m.	400-590 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
																									SPEED IN KNOTS												
																									8 or more	6-7	4-5	1-3	Calms								
																									24 or more	22-33	11-21	1-10	0								
Number of Observations																																					
7a ENGLAND, N.W.																																					
Ringway [Cheshire]																																					
84	3	1013.3	-	12.7	1.4	12.5	84	6.1	0	3	5	12	10	0	0	0	0	0	0	5	11	10	3	1	0	1	5	24	0	0	2	3	6	13	2	4	0
	9	1013.7	-1.4	14.3	2.1	12.7	78	6.2	0	1	7	14	8	0	0	0	0	0	0	7	7	13	3	0	0	1	9	16	4	0	0	2	2	11	3	6	2
	15	1013.5	-	16.4	3.4	12.4	67	6.2	0	2	5	15	8	0	0	0	0	0	0	2	10	9	9	0	0	0	15	13	2	0	0	1	2	7	6	10	2
	21	1013.2	-	13.9	2.0	12.4	77	5.8	1	3	6	10	10	0	0	0	0	0	0	4	13	9	4	0	0	1	9	16	4	0	0	2	3	10	5	5	1
7b NORTH WALES																																					
Valley [Anglesey]																																					
11	3	1012.3	-	13.2	0.8	13.9	90	6.4	2	0	6	7	15	0	0	0	0	0	1	1	8	9	7	4	2	8	9	11	0	0	1	3	2	5	10	6	3
	9	1012.8	-1.9	14.4	1.5	13.8	84	6.5	0	2	2	20	6	0	0	0	0	0	0	1	10	5	9	5	3	5	15	6	1	3	0	2	1	9	6	7	1
	15	1012.9	-	16.1	2.2	14.3	78	5.5	0	3	10	12	5	0	0	0	0	0	0	6	8	8	8	2	5	14	8	1	1	0	1	0	5	14	5	3	
	21	1012.9	-	14.0	1.2	13.9	87	5.5	1	2	10	10	7	0	0	0	0	0	1	0	9	6	9	5	3	6	9	10	2	0	0	2	1	10	7	7	1
Bardsey Island [Caernarvon]																																					
19	3	1012.7	-	13.8	0.8	14.4	91	5.8	2	1	8	7	11	1	0	0	0	1	0	0	4	12	8	5	1	3	13	11	2	0	0	4	4	3	8	6	3
	9	1013.3	-	14.3	1.2	14.2	87	6.3	0	2	4	17	7	0	0	0	0	0	0	2	11	12	5	1	2	15	10	2	2	0	1	4	6	5	8	2	
	15	1013.4	-	15.6	1.6	14.8	83	5.9	0	1	12	7	10	0	0	0	0	0	0	3	7	11	9	1	2	13	12	2	2	0	2	4	3	9	6	2	
	21	1013.4	-	14.2	1.0	14.4	88	5.8	0	3	8	8	11	0	0	0	0	0	0	0	2	9	13	6	0	4	10	14	2	1	0	2	5	5	5	8	2
8a SOUTH WALES																																					
Aberporth [Cardigan]																																					
134	3	1013.3	-	12.8	1.0	13.3	89	5.9	2	3	4	10	11	0	0	0	0	0	2	2	9	7	5	5	0	2	16	10	2	2	0	0	0	9	10	4	3
	9	1014.0	-1.1	13.9	1.5	13.3	84	6.1	0	5	1	19	5	0	0	0	0	0	0	2	5	15	2	6	0	5	14	11	0	1	1	0	2	10	6	5	5
	15	1013.9	-	15.7	2.5	13.4	75	6.0	1	2	5	14	8	0	0	0	0	0	0	0	3	15	8	4	0	3	20	7	0	4	0	0	2	7	4	11	2
	21	1014.0	-	13.7	1.4	13.4	85	5.9	1	3	7	9	10	0	0	0	0	0	0	1	7	14	3	5	0	4	16	9	1	1	0	0	1	12	7	5	3
Milford Haven C.B. [Pembroke]																																					
39	3	1014.0	-	13.8	0.9	14.3	90	5.6	6	1	4	1	16	2	1	0	0	1	0	2	13	8	5	0	0	2	9	16	3	1	1	3	3	4	7	4	4
	9	1014.5	-1.2	14.7	1.2	14.6	87	6.5	0	2	3	12	13	0	0	0	0	0	0	1	18	9	2	0	0	4	12	12	2	2	0	6	2	4	5	8	1
	15	1013.9	-	16.2	2.1	14.6	79	6.4	0	2	8	7	13	0	0	0	0	0	0	0	12	13	5	0	0	3	14	12	1	0	0	4	4	3	8	8	2
	21	1014.6	-	14.6	1.2	14.6	87	5.9	4	0	5	5	15	1	0	0	0	1	0	0	14	11	4	0	1	1	10	15	3	1	2	3	3	5	6	6	1
Brynamman [Carmarthen]																																					
9	3	1014.0	-	13.6	1.0	14.0	89	6.3	0	3	4	15	8	0	0	0	0	0	2	6	11	5	6	0	0	0	5	21	4	0	2	1	4	4	2	12	1
	15	1014.0	-	16.3	2.1	14.6	79	6.1	0	3	4	16	7	0	0	0	0	0	1	3	12	3	10	1	0	1	10	18	1	0	0	0	5	5	3	12	4
	21	1014.0	-	13.0	0.7	13.8	91	5.6	3	2	5	9	11	0	0	0	0	0	4	3	12	9	2	0	0	0	2	22	6	2	3	1	5	0	2	8	3
Mumbles [Glamorgan]																																					
37	3	1014.0	-	14.2	1.1	14.4	88	5.7	2	6	2	4	14	2	1	0	0	2	1	0	8	4	12	2	1	4	12	10	3	1	0	6	2	3	6	8	1
	9	1014.5	-	14.6	1.3	14.3	85	6.5	0	1	5	12	12	0	0	0	0	0	1	1	16	2	10	0	2	3	12	13	0	4	0	7	1	3	5	7	3
	15	1014.3	-	16.2	2.2	14.5	78	6.1	0	1	8	12	9	0	0	0	0	0	0	0	15	3	10	2	1	6	11	11	1	0	0	6	1	3	8	9	2
	21	1014.6	-	14.9	1.4	14.4	84	4.9	4	6	5	4	11	0	0	0	0	0	0	0	10	5	12	3	1	5	10	13	1	1	1	6	1	4	4	9	3
Rhoose [Glamorgan]																																					
69	3	1014.8	-	12.7	0.6	13.7	92	5.7	2	4	3	9	10	2	0	0	2	0	1	3	13	8	3	0	0	1	8	20	1	1	2	6	2	4	3	10	1
	9	1015.4	-1.0	14.3	1.2	14.3	87	6.4	0	2	4	15	9	0	0	0	0	0	0	5	12	7	4	2	0	2	14	14	0	2	2	6	0	3	5	11	1
	15	1015.0	-	17.1	2.6	14.5	74	5.6	0	4	6	18	2	0	0	0	0	0	0	0	7	11	9	3	0	2	17	10	1	0	0	4	5	1	4	14	1
	21	1015.5	-	13.7	1.2	13.7	87	5.4	1	3	9	11	6	0	0	0	0	1	0	1	8	9	8	3	0	1	11	13	5	0	1	5	2	1	6	9	1
8b ENGLAND, S.W.																																					
Yeovilton [Somerset]																																					
23	3	1015.9	-	12.0	0.8	12.9	91	5.1	4	3	7	7	8	1	0	1	1	2	1	6	11	7	1	0	0	1	3	16	10	0	0	3	1	5	6	4	1
	9	1016.0	-	14.9	1.5	14.2	83	5.9	0	1	8	17	4	0	0	0	0	0	1	5	9	11	3	0	0	1	11	12	6	0	1	2	2	3	8	5	3
	15	1015.7	-	18.6	3.7	14.2	66	5.3	0	3	12	13	2	0	0	0	0	0	0	1	14	6	9	0	0	1	16	10	3	1	0	2	5	4	5	5	
	21	1016.4	-	13.5	1.2	13.5	86	4.5	0	7	14	7	2	0	0	0	0	0	2	2	12	10	4	0	0	0	3	15	12	0	0	2	1	2	7	5	1
Portland Bill [Dorset]																																					
54	3	1015.9	-	14.3	0.7	15.0	91	4.2	5	8	4	3	10	0	0	0	0	0	4	11	6	7	2	0	5	15	9	1	1	1	8	1	1	5	10	2	
	9	1016.2	-	15.5	1.2	15.4	87	5.0	2	5	7	9	7	0	0	0	0	0	0	1	13	8	7	1	0	4	15	10	1	1	0	4	3	3	4	9	5
	15	1016.1	-	16.7	1.7	15.8	83	4.7	2	3	11	11	3	0	0	0	0	0	0	6	10	4	10	0	0	5	14	11	0	0	0	6	5	1	5	10	3
	21	1016.5	-	14.7	0.9	15.2	90	3.6	8	6	7	4	4	1	0	0	0	1	0	2	12	4	11	0	0	6	15	8	1	0	1	9	0	1	4	7	7
Hartland Point [Devon]																																					
93	3	1014.8	-	13.8	1.0	14.1	89	5.3	3	4	6	4	13	0	0	0	0	0	2	5	16	7	0	3	4	14	6	3	0	1	1	5	3	5	11	1	
	9	1015.4	-	16.2	2.1	14.6	79	5.9	1	0	9	15	5	0	0	0	0	1	0	0	9	7	12	1	3	5	7	13	2	1	3	1	2	4	0	14	3
	15	1015.4	-	16.2	2.1	14.6	79	5.9	1	0	9	15	5	0	0	0	0	1	0	0	9	7	12	1	3	5	7	13	2	1	3	1	2	4	0	14	3
	21	1015.4	-	16.2	2.1	14.6	79	5.9	1	0	9	15	5	0	0	0	0	1	0	0	9	7	12	1	3	5	7	13	2	1	3	1	2	4	0	14	3
Mount Batten [Devon]																																					
30	3	1015.9	-	13.6	0.5	14.7	93	5.4	4	5	3	4	14	0	0	0	0	0	4	15	6	5	0	0	2	9	17	2	0	0	6	3	3	4	11	1	
	9	1016.4	-0.3	15.0	1.2	14.9	87	6.5	0	2	5	12	11	0	0	0	0	0	1	2	11	8	5	3	0	3	13	12	2	4	1	5	2	3	3	10	0
	15	1016.3	-	16.8	2.1	15.2	79	6.1	0	2	7	16	5	0	0	0	1	0	0	1	10	6															

TABLE II—ADDITIONS SEPTEMBER, 1970

DISTRICT COUNTY AND PLACE			HEIGHT OF VANE IN METRES			DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED										Mean Hourly Wind Speed in knots	HIGHEST VELOCITIES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
			Above Mean Sea Level	Above ground	Effective Height	34 Knots or more (Gale force)		22 to 33 knots		11 to 21 knots	4 to 10 knots	Less than 4 knots	No Record	HIGHEST HOURLY WIND			HIGHEST GUST																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
						Dates of Occurrence	Duration (hr)	No. of days	Duration in Hours				Veer from N	Speed in knots	Hour ended at day hour		Veer from N	Speed in knots	Day and Time																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
0	Inverness	Dalcross	19	10	10																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			

TABLE III—ADDITIONS AND CORRECTIONS

YEAR	MONTH	STATION	Max. Terminal hr. GMT Min. of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days												BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
					MEANS OF		Daily Mean (mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1916-50 average	MOST IN A DAY		Precip'n		Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
					Max. (A)	Min. (B)			Maximum	Date	Minimum	Date					Amount (mm)	Date	0.2 mm or more	1.0 mm or more																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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Monthly Weather Report

OF THE METEOROLOGICAL OFFICE

Summary of observations compiled from returns of official stations and voluntary observers.

Volume 87 Number 10.

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October 1970 — *Changeable in the north; dry spells elsewhere*

Troughs of low pressure affected the British Isles during the first 10 days and again during the last 8 days but they were often weak in the south and east. High pressure dominated the weather from the 11th to 16th and again around the 22nd.

N. Scotland

Weather — Apart from a settled spell around mid-month, the weather was generally changeable. Sleet or snow occurred on high ground during the first few days and also at times in the latter half of the month.

Wind — Gales were more frequent than average and winds reached severe gale force in places on the 18th, Cairngorm (Inverness-shire), 1074 m. recorded a gust of 100 kt and Kirkwall (Orkney) had a gust of 74 kt.

Temperature — Monthly mean temperature was slightly below average in the northernmost counties but it was near average elsewhere. On the 14th the temperature exceeded 20°C in places and 21.7°C was reported at Kinlochewe (Ross and Cromarty). At the other extreme, an air temperature of -6.1°C occurred at Cairngorm on the 27th.

Rainfall — Rainfall was above average over the whole district. More than twice the average occurred in western parts of the mainland and it was the wettest October at Achnashellach (Ross and Cromarty) since records began in 1922. Heavy 'daily' falls of rain recorded during the month included 62 mm at Achnashellach on the 4th and, following continuous heavy rain overnight on the 28th/29th, 62 mm were recorded at Isle of Rhum (Inverness-shire) at 0900 GMT on the 29th.

Sunshine — Amounts of sunshine were everywhere below the monthly average. Stornoway (Hebrides) recorded only 45.1 hours, representing 59 per cent of average, and is the lowest October sunshine total there since 1933.

Fog — Sea fog was persistent in the north and east of the district from the 12th to 16th.

E. and W. Scotland, England, Wales and Northern Ireland

Weather — It was changeable during the first and last weeks. Otherwise the weather was mainly dry, especially in the east and south, and fog occurred at times. Snow or sleet occurred in upland areas in the north during the first week and again during the second half of the month. Sleet fell on the Welsh mountains and on Dartmoor on the 20th.

Wind — Gales were more frequent than average in west Scotland and on the coasts of Wales and northern England. Strong winds with gales in places affected most areas on the 18th and 19th and continued near coasts in eastern areas of Scotland and England until the 21st. On the evening of the 18th a gust of 83 kt was recorded at Moor House (Westmorland), 597 m. and Leuchars (Fife) recorded both its highest hourly mean wind speed (39 kt) and its highest gust (65 kt) in October since continuous records began in 1951, although the gust speed was equalled in October 1967.

Temperature — Monthly mean temperature was slightly above average in most areas. Mildest periods were from the 11th to 15th and on the last few days. On the 11th the air temperature reached 24.1°C at East Dereham (Norfolk) and, on the 13th and 14th, several places in Scotland recorded 20.0°C. Other notable maxima during the month included the following which occurred on the 14th: 20.0°C at Rhyll (Flintshire) and 18.5°C at Ballykelly (Co. Londonderry).

It was often colder than average during the first 10 days and slight ground frost occurred in many areas from the 7th to 10th. Air frost was also reported in a few places during this period; on the 10th the temperature at Caldecott (Leicestershire) fell to -5.6°C which is the lowest October value recorded there since records began in 1957. Among

other minima were the following: -3.1°C at Cenarth Mill (Carmarthenshire) on the 9th and 10th and -1.7°C at Murlough (Co. Down) on the 9th. On the morning of the 22nd slight air frost was reported in a few places in southern England and ground frost was widespread.

Rainfall — Although amounts in excess of average were mostly small, rainfall in general was above average in the west and north of the region but below average elsewhere. Rainfall was below 50 per cent of average over large areas in east, central and southern England while less than 25 per cent occurred in much of the south-east. South Farnborough (Hampshire) recorded 8 mm of rain during the whole month, only 3 mm more than in the exceptionally dry October of 1969.

There were dry spells in most areas during the period 6th to 23rd although it was wet in the west on the 11th (with local flooding in South Wales) and isolated showers occurred after the 18th. However, rainfall was sometimes heavy in the north and west of the region at other times. For example, on the 4th a 'daily' fall of 153 mm was recorded at Dalness (Argyll) and rainfalls of 50 mm or more occurred on high ground in other parts of west Scotland. Other heavy 'daily' falls of rain included: 91 mm at Seathwaite Farm (Cumberland) on the 24th; 80 mm at Capel Hermon, near Dolgellau (Merioneth) on the 27th; 74 mm at Blaenau Ffestiniog (Merioneth) on the 30th.

Isolated thunderstorms occurred from the 5th to 8th and thunder rain affected Wales and western England on the 11th.

Sunshine — Sunshine was below average in most of east Scotland, Northern Ireland, Wales and south-west England. Much of Northern Ireland had a very dull month and Ballykelly recorded its lowest sunshine total (47.2 hours) in October since continuous records commenced in 1953. On the other hand it was the sunniest October at Durham since 1958.

Fog — From the 8th to 18th fog formed overnight at times in many parts of England and Wales; occasionally it was widespread and dense particularly in urban areas in Lancashire and Yorkshire and in the Midlands and East Anglia. During the period 11th to 15th sea fog was persistent at times on the North Sea coast especially in Scotland and northern England.

Miscellaneous Phenomena — The aurora was seen by observers in Scotland on 13 nights.

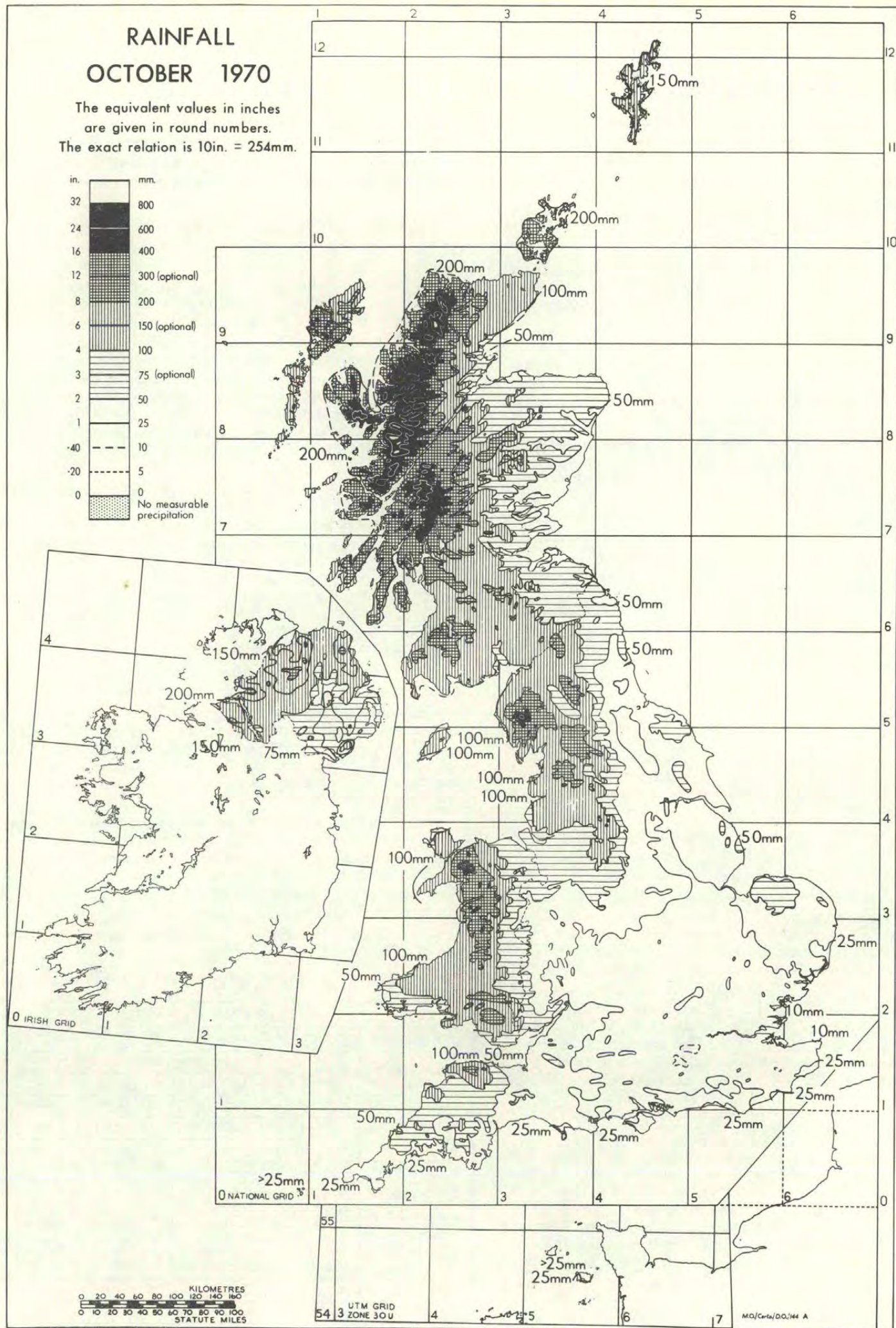
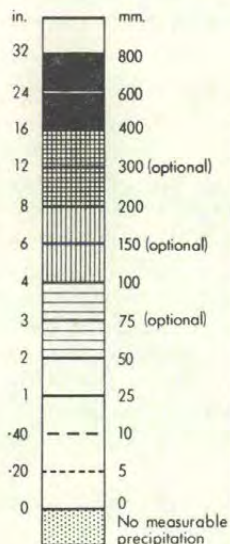
TABLE I—DISTRICT VALUES, October 1970

DISTRICTS	AIR TEMPERATURE °C					EARTH TEMP. °C		RAIN DAYS	RAIN-FALL	SUN-SHINE
	*Highest Max.	*Lowest Min.	Max.	Min.	Mean	Mean 30 cm.	Mean 122 cm			
	Difference from Average									
0 SCOTLAND, N.	17.8	-1.7	-0.2	-0.5	-0.3	+0.3	+0.5	+2	142	72
1 SCOTLAND, E.	17.2	-0.6	+0.1	+0.3	+0.2	+0.7	+0.2	-1	68	91
2 ENGLAND,N.E.	19.4	-4.4	+0.7	+0.1	+0.5	+0.8	+0.8	0	63	112
3 ENGLAND, E.	22.3	-0.6	+0.9	+0.7	+0.8	+0.3	+0.1	-3	46	102
4 MIDLANDS	20.0	-1.7	+0.6	+0.5	+0.6	+0.5	+0.4	-3	45	102
5 ENGLAND, S.E.	21.7	-2.8	+0.4	+0.8	+0.6	+0.2	0.0	-3	24	103
6 SCOTLAND, W.	18.6	-2.4	+0.2	+0.4	+0.3	+0.7	+0.3	+2	103	100
7 ENGLAND, N.W and N.Wales	19.4	0.6	+0.5	+0.5	+0.5	+0.8	+0.4	0	109	113
8 ENGLAND, S.W. and S.Wales	19.4	-1.7	0.0	+0.3	+0.1	+0.5	+0.5	0	50	93
N.IRELAND	18.5	1.5	+0.2	+1.0	+0.6	-	-	+1	105	72
SCOTLAND	18.6	-2.4	0.0	+0.1	+0.1	-	-	+1	117	88
ENG. and WALES	22.3	-4.4	+0.5	+0.5	+0.5	-	-	-1	56	104

*Highest Max. and Lowest Min. of the District Value Stations.

RAINFALL OCTOBER 1970

The equivalent values in inches
are given in round numbers.
The exact relation is 10in. = 254mm.



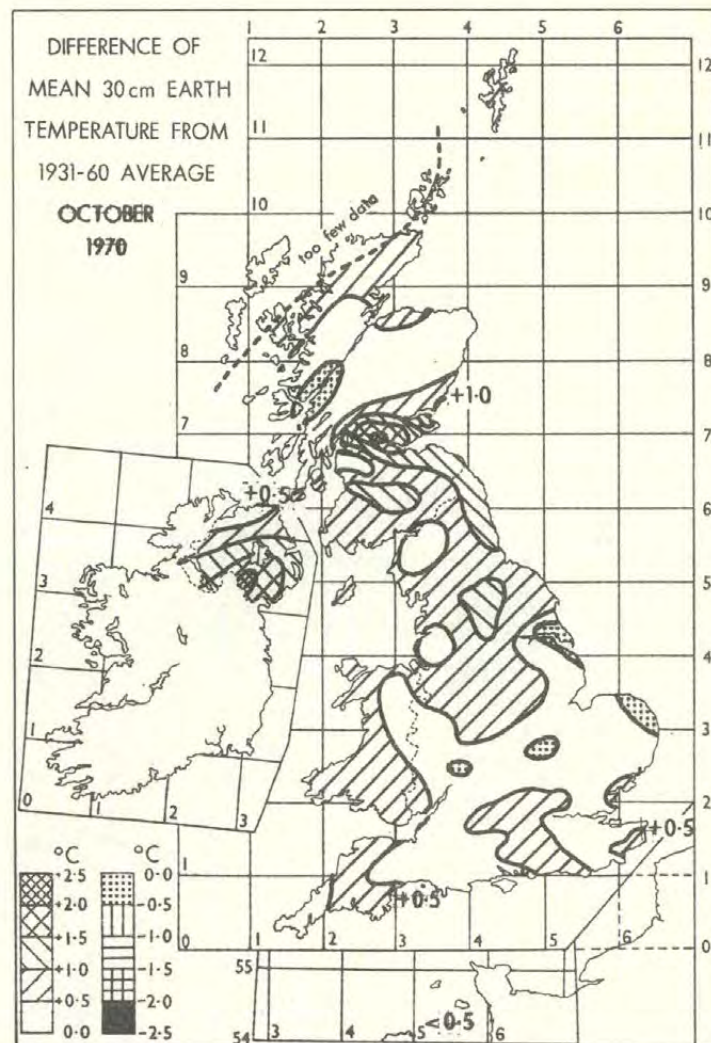
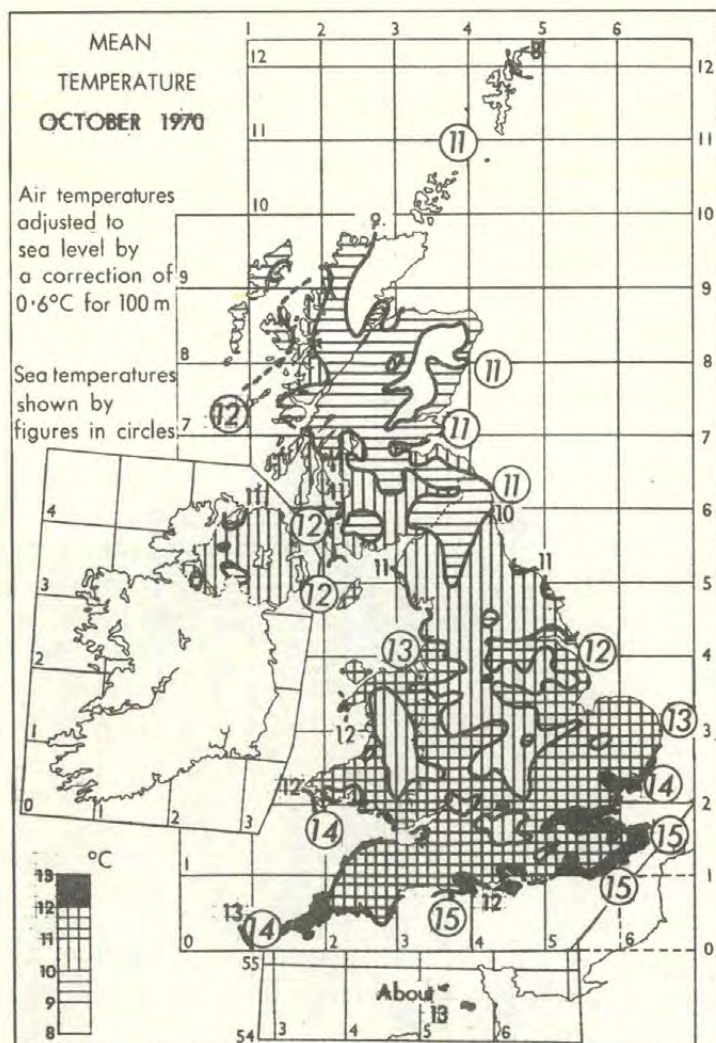
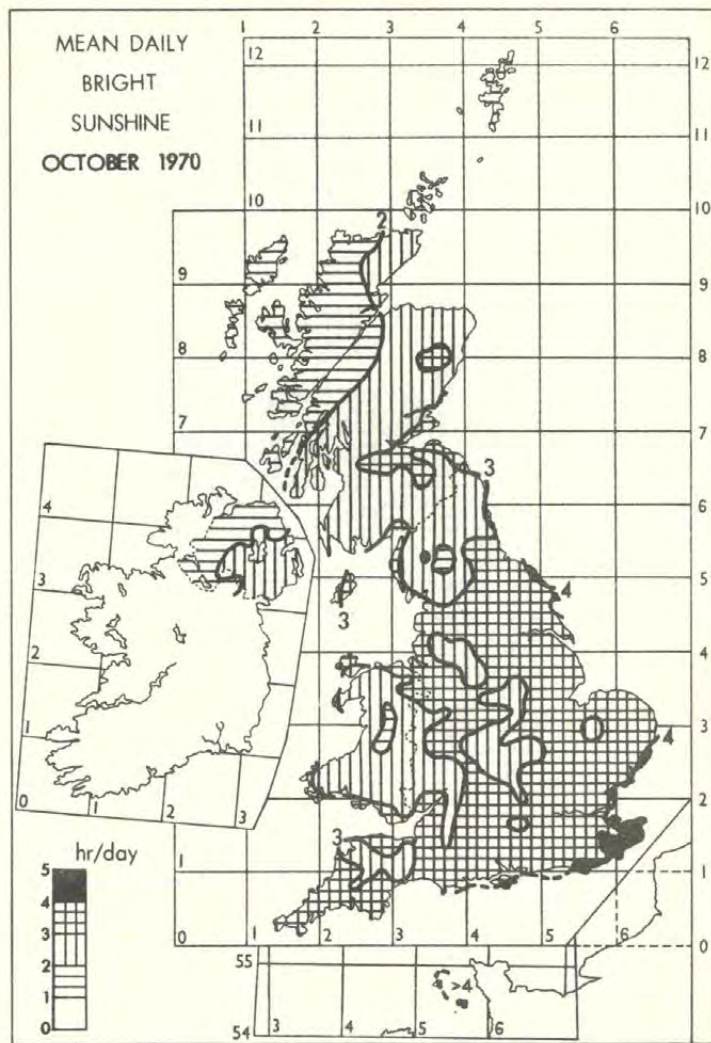
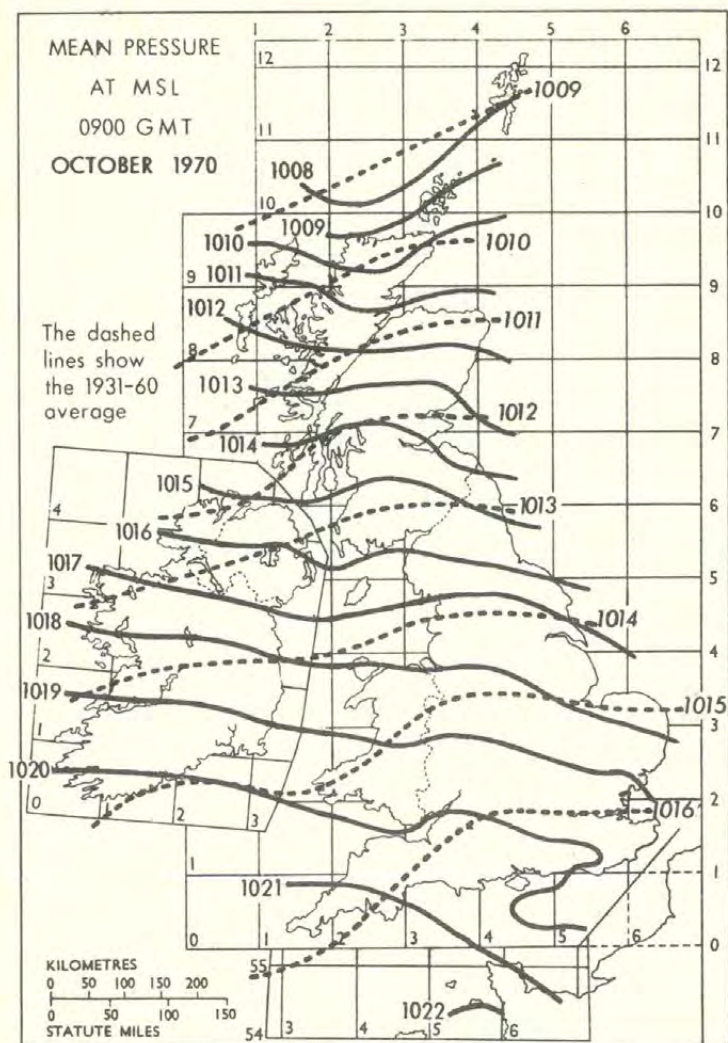


TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND—

OCTOBER.

1970

DISTRICT COUNTY AND PLACE	HEIGHT OF VANE IN METRES			DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED										Mean Hourly Wind Speed in knots	HIGHEST VELOCITIES					
	Above Mean Sea Level	Above ground	Effective Height	34 Knots or more (Gale force)		22 to 33 knots		11 to 21 knots	4 to 10 knots	Less than 4 knots	No Record	HIGHEST HOURLY WIND			HIGHEST GUST					
				Dates of Occurrence	Duration (hr)	No. of days	Duration in Hours				Veer from N	Speed in knots	Hour ended at day hour		Veer from N	Speed in knots	Day and Time			
0 SCOTLAND N.																				
Zetland	93	10	10	28	4	15	143	303	257	37	0	14.0	270	40	28 07	270	60	28 0540		
Orkney	41	15	10	1, 18, 19, 20	33	21	131	352	185	43	0	15.5	250	44	18 22	250	74	18 2125		
Caithness	34	12	9	1, 2, 18, 19, 20, 29	25	19	123	325	216	55	0	14.6	340	40	20 05	280	63	18 2225		
Wick	45	10	10	1, 18	4	14	95	347	225	73	0	13.0	250	36	18 19	250	64	18 1935		
Sutherland	24	10	10	-	0	2	8	114	306	316	0	5.5	270	28	18 22	260	61	18 1915		
Ross & Cromarty	37	12	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Duirinish	38	20	17	18	9	12	118	316	214	68	19	13.8	270	41	18 22	280	68	18 1945		
Inverness	16	10	10	1, 18, 19, 20, 31	13	16	187	413	116	15	0	17.0	280	45	18 21	290	65	18 2245		
Corpach	23	15	12	5, 18, 29, 31	13	12	80	295	229	107	20	12.5	250	51	18 20	270	80	18 2015		
Fort Augustus N.S.H.E.B.	58	16	16	-	0	2	5	143	311	281	4	5.9	240	30	18 19	240	55	18 1025		
Cairngorm	1075	10	10	1, 2, 4-6, 9, 17-19, 23-25, 29, 30, 31	143	26	231	259	90	21	0	22.9	260	60	18 20	260	100	18 2020		
1 SCOTLAND E.																				
Moray	18	13	13	18, 20	5	14	116	332	195	96	0	13.0	260	39	18 23	260	70	18 2205		
Lossiemouth	31	24	18	2, 18, 19, 20	28	18	100	307	181	128	0	13.4	270	41	18 23	290	62	18 2310		
Aberdeen	72	10	10	18, 19, 20	4	10	89	295	285	71	0	12.1	320	36	19 14	280	62	18 2145		
Fraserburgh	29	13	11	1, 2, 3, 18, 19, 20, 21	77	11	90	325	233	9	10	16.1	280	45	19 01	290	70	18 2120		
Angus	39	40	38	1, 2, 4-6, 18-20, 30, 31	48	23	229	327	104	34	2	19.1	260	51	18 22	300	84	18 2210		
Perth	307	17	17	18	4	7	26	299	220	137	58	10.2	270	36	18 21	280	58	18 2110		
Tummel Bridge	161	16	16	-	0	2	5	147	332	234	6	6.1	270	28	18 20	270	54	18 1945		
Fife	25	13	13	18	3	15	95	316	197	133	0	12.1	250	39	18 21	310	65	18 2205		
Midlothian	43	13	10	18, 31	7	10	54	308	252	123	0	11.0	240	43	18 22	280	69	18 2215		
6a SCOTLAND, W.																				
Argyll	24	16	12	1, 5, 18-20, 31	53	22	199	414	76	2	0	19.4	270	43	31 24	280	71	18 1955		
Machrihanish	23	13	13	2, 18, 19, 20, 31	19	16	160	446	109	10	0	17.1	280	40	31 24	280	60	31 2305		
Dunbarton	166	10	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Renfrew	57	25	9	-	0	7	27	301	228	188	0	9.2	260	27	18 22	260	57	18 2120		
Abbotsinch	16	10	10	18	2	11	50	318	264	110	0	11.2	240	40	18 21	230	61	18 1955		
Ayr	24	20	-	2, 18, 19, 31	14	17	161	359	191	19	0	15.9	260	39	31 23	250	71	18 2105		
Hunterston	13	10	10	1, 2, 18, 19, 31	10	20	147	296	183	108	0	3.8	270	42	18 21	280	69	18 2140		
Prestwick	21	10	10	-	0	7	53	297	270	124	0	10.4	240	28	18 22	300	57	18 2230		
Dumfries	259	10	10	18	1	13	85	264	231	163	0	10.8	280	18	24	290	63	18 2325		
Wigtown	25	10	10	31	1	10	92	337	273	41	0	12.7	260	34	31 22	270	57	31 2215		
6b ISLE OF MAN																				
Ronaldsway	25	10	10	-	0	12	99	319	270	56	0	12.6	250	32	18 22	270	57	19 0040		
Point of Ayre	20	10	10	2, 18, 19	13	16	162	417	145	7	0	16.7	310	36	2 19	250	56	31 2010		
2 ENGLAND, N.E.																				
Durham	119	16	10	-	0	7	54	188	285	207	10	8.7	260	30	19 01	270	61	19 0035		
South Shields	22	17	13	-	0	7	40	190	334	180	0	8.6	320	27	20 17	300	55	19 0020		
Yorks N.R.	42	10	10	31	1	8	50	277	294	122	0	10.5	250	34	31 22	250	52	18 2235		
Middlesbrough	23	19	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Lincoln	80	10	10	-	0	7	22	316	361	45	0	10.7	250	27	19 03	280	47	2 0305		
Cranwell	77	13	13	-	0	10	51	332	184	177	0	10.8	260	32	19 03	260	49	19 0405		
Coningsby	16	10	10	-	0	10	74	307	237	114	12	11.3	300	31	2 14	270	49	19 0355		
Binbrook	118	10	10	-	0	11	94	311	280	59	0	12.3	280	31	2 15	290	46	2 1110		
Manby	26	10	10	-	0	8	39	278	304	123	0	9.9	280	27	2 04	270	44	2 1220		
3 ENGLAND, E.																				
Norfolk	29	10	10	-	0	8	38	313	273	120	0	10.3	290	27	2 14	350	39	21 1325		
West Raynham	93	17	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Coltishall	27	10	10	-	0	4	12	293	296	143	0	9.4	300	26	2 11	300	39	2 1030		
Honington	60	13	13	-	0	3	24	327	273	120	0	10.2	290	29	2 12	310	49	2 1420		
Wattisham	104	16	10	-	0	8	42	311	330	61	0	10.9	290	29	2 15	280	47	2 1425		
Bedford	94	13	9	-	0	6	31	309	356	48	0	10.7	290	29	2 11	290	42	2 0930		
Cardington	69	41	41	-	0	11	87	331	254	72	0	12.3	300	31	2 11	300	46	2 1600		
Hertford	94	15	10	-	0	0	0	121	397	226	0	6.3	300	20	2 13	300	41	19 0635		
Rothamsted	141	13	10	-	0	0	0	110	410	224	0	6.2	290	18	2 11	290	45	2 1055		
Essex	108	10	10	-	0	1	4	282	338	120	0	8.8	270	24	2 12	270	40	2 1100		
Shoeburyness	36	32	28	-	0	9	73	431	212	28	0	13.5	220	29	31 22	280	53	2 1525		
4 MIDLAND COUNTIES																				
Yorks W.R.	162	25	11	-	0	3	3	196	313	232	0	7.3	240	23	19 02	290	56	19 0310		
Church Fenton	18	10	10	31	1	9	50	223	302	136	32	9.9	260	34	31 24	260	53	31 2340		
Notts	19	10	10	-	0	8	37	265	293	149	0	9.7	290	31	2 04	290	51	2 0310		
Rutland	143	13	13	-	0	10	45	327	291	81	0	11.3	230	29	31 21	240	46	31 2030		
N'hampton	83	10	10	-	0	7	27	303	330	84	0	10.5	290	28	2 09	290	52	2 0830		
Warwick	196	36	22	-	0	9	25	222	372	125	0	9.0	240	25	19 02	310	50	19 0445		
Elmdon	105	10	10	-	0	9	49	256	270	169	0	9.4	310	29	2 16	330	55	19 0440		
Brize Norton	91	13	10	-	0	2	6	279	279	180	0	8.2	300	25	2 12	240	40	31 2310		
Stafford	215	15	10	-	0	0	0	186	356	202	0	7.2	240	21	30 13	240	49	31 2030		
Worcester	47	10	10	-	0	9	31	288	234	191	0	9.5	290	26	2 15	290	42	2 1355		
Gloucester	28	19	10	-	0	7	39	297	133	239	36	9.4	250	27	31 23	-	43	19 0615		
Fairford	88	10	10	-	0	6	14	302	254	174	0	9.3	240	25	31 24	290	41	2 1455		
5 ENGLAND, S.E.																				
Greater London	93	70	38	-	0	2	6	353	319	66	0	10.3	270	24	2 12	280	41	2 0925		
Heathrow	34	10	10	-	0	3	18	327	325	74	0	10.4	270	28	2 10	280	46	2 1215		
Hampton	42	31	30	-	0	2	8	293	250	193	0	8.7	280	25	2 14	280	48	2 1250		
Kew	28	23	15	-	0	0	0	147	351	246	0	6.3	290	20	2 12	290	42	2 1030		
Surrey	69	10	10	-	0	2	2	243	298	201	0	7.8	290	22	2 13	290	42	2 1635		
Kent	15	12	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Dover	21	12	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Manston	61	17	17	-	0	8	76	354	279	35	0	12.7	330	28	21 03	310	45	2 1340		
Sussex	16	10	10	-	0	4	12	325	290	117	0	9.9	240	24	31 24	280	39	2 0830		
Berkshire	90	12	12	-	0	0	0	264	279	261	0	8.0	290	21	2 13	290	36	2 1140		
Hampshire	23	13	11	-	0	1	3	262	276	263	0	8.2	300	23	2 12	290	40	2 1255		
Calshot	15	13	10	-	0	1	3	299	326	116	0	9.4	310	24	2 12	310	40	2 1445		
R.A.E.Farnborough	74	10	-	-	0	0	0	254	291	199	0	7.7	290	19	2 14	280	37	2 1355		
Wiltshire	145	13	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Larkhill	130	16	16	-	0	7	28	356	251	169	0	10.8	320	31	2 15	320	47	2 1410		
Boscombe Down	120	10	10	-	0	7	42	307	263	192	0	10.6	230	27	31 20	300	44	2 1415		
Porton				-	0	7	42	307	263	192	0	10.6	230	27	31 20	300	44	2 1415		

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

OCTOBER, 1970

DISTRICT, COUNTY AND PLACE	Max. Temp. in GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days										BRIGHT SUNSHINE						
			MEANS OF		Daily Mean (mean of A & B)	Difference from 1931-50 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1916-50 average	Most in a day Amount (mm.)	Date	Precip'n		Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-50 average	Exposure		
			Max. (A)	Min. (B)			Maximum	Date	Minimum	Date							0.2 mm or more	1.0 mm or more															
0 SCOTLAND, N. -contd.																																	
Inverness																																	
Benbecula ...	21-9	6	11.5	8.0	9.7	-0.1	15.6	13	0.5	27	-	-	175	134	31	28	28	25	0	0	3	3	0	0	0	1	1	6	1.35	-	-	-	
Isle of Rhum ...	99	5	12.4	7.6	10.0	-	17.8	13	1.1	27	11.1	12.2	340	117	62	28	26	23	0	0	0	5	0	0	0	3	-	11	1.52	-	-	-	
Prabost ...	99	67	11.8	6.7	9.3	-	18.3	13	1.1	21, 27	-	-	304	140	46	28	26	23	0	0	0	7	1	0	0	4	-	9	1.31	-	-	-	
Duntulm ...	99	90	11.7	7.2	9.5	+0.1	17.2	13, 14	2.2	20, 29	-	-	208	136	41	28	22	22	2	0	6	0	1	0	0	1	-	7	1.34	60	-	-	
Onich ...	99	15																															
Fort William ...	99	8	13.0	6.4	9.7	-	21.1	14	-1.1	27	10.3	11.6	205	101	28	5	25	20	0	0	0	0	2	6	1	3	-	-	1.51	-	-	-	
Corpach ...	99	8	13.0	7.1	10.1	-	18.9	14	1.1	27, 28	-	-	262	-	36	5	21	20	0	0	0	0	1	0	0	7	-	3	-	-	-	-	
Fort Augustus ...	99	21	11.8	5.7	8.7	-0.1	17.8	13, 14	-1.1	27	-	-	197	-	29	18	20	19	0	0	0	0	2	2	3	-	-	1	1.46	-	-	-	
Inverness ...	99	4	12.0	6.3	9.1	-	17.2	12	1.1	27, 29	-	-	80	117	13	28	15	13	0	0	0	0	0	0	1	0	2	-	0	1.70	-	-	-
Coire Cas Shielling	99	762	8.2	2.8	5.5	-	16.7	13	-2.8	20, 28	-	-	-	-	-	-	-	-	7	2	0	1	0	0	9	-	-	-	-	-	-	-	
Cairngorm ...	99	1090	5.6	0.1	2.9	-	15.0	14	-6.1	27	-	-	-	-	-	-	-	-	12	8	0	2	0	12	16	-	15	-	-	-	-	-	
Achnagoichan ...	99	305	10.8	4.2	7.5	-	17.8	13	-2.8	27	8.5	-	-	-	-	-	-	-	1	-	0	0	0	-	3	9	-	-	-	-	-	-	
Glenmore Lodge	99	341																															
1 SCOTLAND, E.																																	
Nairn																																	
Nairn ...	99	6	11.8	5.2	8.5	-0.7	16.1	12	-1.7	27	-	-	64	93	8	28	25	18	1	0	0	0	0	1	1	6	-	1	1.95	65	-	-	
Moray																																	
Grantown-on-Spey	99	229	11.3	3.6	7.5	-	17.2	13	-3.3	27	-	-	76	-	11	18	22	15	3	1	1	0	0	0	3	11	-	1	2.08	-	-	-	
Forres ...	99	50	12.2	6.4	9.3	+0.2	17.2	12	-0.6	27	10.1	11.6	60	87	10	28	19	15	0	0	0	2	0	0	1	2	-	1	2.30	76	-	-	
Kinloss ...	21-9	5	12.2	6.4	9.3	+0.1	17.6	12	0.3	27	10.1	-	50	74	9	28	18	14	1	0	0	3	0	0	0	5	2	3	2.02	-	-	-	
Elgin ...	99	15	12.7	5.8	9.3	-	17.8	4, 14, 15	-1.7	27	-	-	50	71	8	28	18	13	-	0	-	-	0	1	1	-	-	-	2.57	-	-	-	
Lossiemouth ...	99	6	12.7	5.4	9.1	0.0	17.8	15	-1.1	27	-	-	53	78	12	28	20	12	2	0	1	0	0	0	1	10	2	4	-	-	-	-	
Gordon Castle ...	99	32	12.8	6.2	9.5	+0.3	17.8	4, 15	0.0	27	-	-	66	82	15	28	17	11	0	0	2	0	0	-	0	-	-	1	2.69	94	-	-	
Banff																																	
Glenlivet ...	21-9	215	11.3	4.6	7.9	-	20.0	14	-1.6	27	-	-	80	-	10	20	18	14	5	1	1	0	0	0	2	8	6	1	2.38	-	-	-	
Banff ...	99	24	12.2	6.7	9.5	-	16.7	4	1.7	27, 29	-	-	77	-	11	28	20	15	1	0	4	0	0	1	0	-	5	2.24	-	-	-	-	
Aberdeen																																	
Braemar ...	99	339	10.4	3.4	6.9	-0.1	16.1	13, 14	-2.8	27	-	-	68	65	14	18	20	17	-	1	-	-	0	5	9	-	-	2.27	-	-	-	-	
Balmoral ...	99	283	10.6	3.0	6.8	-0.4	16.1	13	-3.3	27	-	-	61	65	15	18	19	11	3	1	0	0	0	6	8	-	0	-	-	-	-	-	
Dinnet ...	99	177	12.1	3.8	7.9	-	16.7	4, 13, 16	-0.6	11	9.0	-	60	-	12	28	19	9	-	1	-	-	0	1	9	-	-	3.17	-	-	-	-	
Gartly ...	99	160	11.4	4.1	7.7	-	15.6	13, 15, 16	-1.1	27	-	-	65	-	11	19	20	15	-	-	-	-	-	2	6	-	-	-	-	-	-	-	
Inverurie S. Wks.	99	54	12.1	4.2	8.1	-	17.8	4	-2.2	27	-	-	46	-	8	20	18	10	0	0	0	0	0	2	2	6	-	0	3.03	-	-	-	
Fyvie Castle ...	99	66	11.7	4.5	8.1	-	17.8	4	-1.7	26, 27	-	-	74	78	18	20	22	14	1	0	0	0	0	2	7	-	1	2.65	-	-	-	-	
Craibstone ...	99	91	11.4	5.5	8.5	-0.2	16.7	4, 16	0.0	27	9.5	10.6	47	51	7	28	19	12	0	0	0	0	0	2	0	4	-	4	2.99	96	-	-	
Dyce ...	21-9	58	11.9	5.2	8.5	-0.3	17.4	4	-1.3	27	-	-	45	47	8	20	18	14	1	0	0	2	1	3	1	5	3	3	2.82	-	-	-	
Aberdeen ...	99	52	11.6	5.2	8.4	-0.5	16.1	4	-0.6	27	-	-	43	50	8	28	18	13	0	0	0	0	0	2	1	4	-	1	2.81	94	-	-	
Fraserburgh ...	21-9	18	11.7	6.8	9.3	-	16.7	4	1.4	27	-	-	83	-	12	20	21	18	0	0	1	0	0	3	0	0	0	8	2.28	-	-	-	-
Kincardine																																	
Fettercairn ...	99	171	10.9	4.2	7.5	-0.6	15.0	4	-1.7	21, 27	-	-	52	49	10	28	20	11	3	0	0	0	0	6	3	11	-	3	2.21	-	-	-	-
Strachan ...	99	120	12.0	4.1	8.1	-	17.2	4	-5.0	27	9.4	-	43	-	12	28	13	10	2	0	0	1	0	1	7	7	-	3	3.02	-	-	-	-
Banchory ...	99	77	12.3	4.6	8.5	-	18.3	4	-1.7	27, 28	-	-	44	-	10	28	17	11	1	1	0	0	0	1	3	5	-	0	-	-	-	-	
Angus																																	
Mylnfield ...	99	30	12.3	5.7	9.0	-	16.1	4	-0.6	27	9.8	11.1	50	69	10	31	17	13	0	0	0	0	0	6	1	4	-	0	2.91	-	-	-	-
Dundee ...	99	45	12.7	6.3	9.5	+0.4	16.1	10	0.6	27	10.4	-	42	51	9	31	15	11	0	0	0	1	0	4	0	4	-	3	3.01	-	-	-	-
Glamis Castle ...	99	61	11.6	4.7	8.1	-	15.6	4	-2.8	27	-	-	41																				

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS OCTOBER, 1970

DISTRICT, COUNTY AND PLACE			Max. Temp. hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days												BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
					MEANS OF		Daily Mean (mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1916-50 average	MOST IN A DAY		Precip'n	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
					Max. (A)	Min. (B)			Maximum	Date	Minimum	Date					Amount (mm.)	Date														0.2 mm or more	1.0 mm or more																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

OCTOBER, 1970

DISTRICT, COUNTY AND PLACE	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days												BRIGHT SUNSHINE				
			MEANS OF		Daily Mean (mean of A & B)	Difference from 1931-50 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1931-50 average	MOST IN A DAY		Precip'n 0.2 mm or more 1.0 mm or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-50 average	Exposure			
			Max. (A)	Min. (B)			Maximum	Date	Minimum	Date					Amount (mm)	Date																	
6b ISLE OF MAN																																	
Ronaldsway ...	21-9	17	13.3	8.9	11.1	-	15.9	4	2.1	9	-	-	91	92	19	30	18	16	0	0	0	2	0	0	0	1	0	0	2.91	-	-	-	
Douglas ...	9 9	87	13.2	8.2	10.7	+0.2	16.1	4, 11	3.9	21	-	-	119	93	17	24	17	17	0	0	0	1	0	0	0	0	0	0	3.08	94	-	-	
Point of Ayre ...	21-9	9	13.3	8.9	11.1	-	16.7	31	2.6	9	-	-	92	105	22	30	17	16	0	0	0	0	0	0	0	0	0	0	3.13	-	-	-	
2 ENGLAND, N.E.																																	
Northumberland																																	
Kielder Castle ...	9 9	201	12.0	3.8	7.9	-	18.3	13	-2.2	9	10.5	-	159	126	27	31	22	17	0	0	1	0	0	11	3	10	-	0	-	-	-	-	
Haydon Bridge ...	9 9	79	13.2	5.2	9.2	-	18.9	13	-1.1	9	10.4	12.1	80	-	13	31	19	15	0	0	0	0	0	5	1	4	-	0	-	-	-	-	
Corbridge ...	9 9	49	13.7	5.1	9.4	-	19.4	13	-2.2	9	-	-	52	-	11	28	16	12	0	0	0	0	0	4	1	5	-	2	-	-	-	-	
Berwick-on-Tweed †	9 9	23	12.9	-	-	-	16.7	4, 12	-	-	-	-	47	77	16	31	15	13	0	0	0	0	1	1	-	1	-	2	3.10	95	-	-	
Acklington	21-9	42	12.8	6.2	9.5	+0.2	17.2	12	-0.7	27	-	-	54	83	12	28	17	11	0	0	0	1	0	4	1	3	2	3	2.98	-	-	-	
Tynemouth †	21-9	29	12.9	7.9	10.4	0.0	16.9	4	3.5	29	-	-	44	70	10	20	18	6	0	0	0	0	0	1	0	0	0	4	2.87	96	-	-	
Seahouses ...	21-9	11	12.8	7.0	9.9	-	17.0	4	2.0	27	-	-	38	-	13	28	14	10	0	0	1	0	0	4	0	0	1	4	2.81	-	-	-	
Durham																																	
Chopwellwood	9 9	136	13.6	6.1	9.9	+0.7	20.0	13	1.7	27	-	-	31	44	8	28	18	9	0	0	0	0	2	0	8	-	0	-	-	-	-	-	
Ushaw College	9 9	181																															
Houghall ...	9 9	37																															
Durham †	9 9	102	13.9	6.3	10.1	+0.7	19.4	13	1.1	19	11.2	12.4	23	37	8	28	16	8	-	0	-	-	6	0	2	-	-	3.87	129	-	-	-	
Hartburn Grange	9 9	31	14.1	5.6	9.9	-	20.0	13	-1.6	9	-	-	27	-	8	28	14	8	-	0	-	-	3	1	7	-	-	3.17	-	-	-	-	
Hartlepool ...	9 9	9	14.2	7.3	10.7	-	18.9	12, 13	2.2	9	-	-	36	62	10	20	12	8	0	0	0	0	0	0	0	-	1	3.39	-	-	-	-	
Yorks., N. Riding																																	
Leeming ...	21-9	32	14.3	6.9	10.6	-	19.7	13	-0.9	9	-	-	23	-	5	27	13	6	0	0	0	0	0	4	1	4	2	1	3.68	-	-	-	
Marton	9 9	46	14.4	6.9	10.7	-	20.0	13	1.7	9, 27	11.1	12.3	28	-	8	28	14	7	0	0	0	0	0	0	4	0	0	0	3.65	-	-	-	
York (Heslington)	9 9	20	14.5	6.0	10.3	-	18.9	12	-1.7	9	10.9	12.3	21	-	6	28	8	6	0	0	0	0	0	3	2	7	-	1	3.36	-	-	-	
Ampleforth ...	9 9	95	13.9				20.6	4	0.0	10	-	-	30	43	7	27	9	8	0	-	0	0	0	4	0	5	-	0	3.14	111	-	-	-
Redcar ...	9 9	8																															
Pickering ...	9 9	44	14.2	5.3	9.7	-	19.6	13	-1.6	9	-	-	45	-	15	20	15	10	0	0	0	0	0	2	7	-	0	-	-	-	-	-	
Scarborough ...	9 9	36	14.1	7.9	11.0	+0.2	19.4	4	4.4	27, 29	11.3	12.8	40	69	10	20	13	10	0	0	0	1	0	2	0	0	-	0	3.89	122	-	-	-
Silpho Moor ...	9 9	203		5.6			18.9	13	1.1	27	9.6	-	76	78	33	20	18	11	1	0	0	0	0	4	0	3	-	0	3.85	-	-	-	
Whitby Coast Guard	21-9	60	13.4	7.5	10.5	-	18.5	12	1.6	9	-	-	28	-	8	25	11	8	0	0	0	0	0	1	0	0	0	6	-	-	-	-	-
Yorks., E. Riding																																	
High Mowthorpe	9 9	175	13.2	(6.0)	(9.6)	-	18.3	12	0.0	9, 23	10.0	-	43	59	16	20	13	9	-	0	-	-	1	0	3	-	-	3.23	-	-	-	-	-
Hull †	9 9	2	15.1	7.6	11.3	+0.6	19.4	12	2.8	9, 10	11.5	13.1	41	69	13	27	13	9	0	0	0	0	0	0	0	-	0	3.65	120	-	-	-	
Filey ...	9 9	37	13.9	6.4	10.1	-	19.4	12	0.0	9	-	-	38	61	9	20	14	9	0	0	1	0	0	1	0	4	-	0	3.72	-	-	-	-
Bridlington †	9 9	48	13.8	6.4	10.1	+0.3	18.9	4	1.7	27	-	-	50	77	10	20	18	12	0	0	1	0	0	3	0	3	-	2	3.98	116	-	-	-
Kilnsea ...	21-9	12	13.6	8.4	11.0	-	17.7	30	3.2	20	-	-	36	-	8	27	12	9	0	0	2	0	0	4	0	-	7	3.41	-	-	-	-	-
Lincoln																																	
Waddington †	21-9	68	14.1	7.4	10.7	+0.7	18.5	11, 30	1.8	10	-	-	32	-	11	27	11	5	0	0	0	0	0	2	0	3	1	0	3.37	101	-	-	-
Lincoln †	9 9	7	14.6	6.0	10.3	+0.4	18.9	30	-4.4	10	11.8	12.8	33	62	11	27	14	6	0	0	0	0	0	4	3	9	-	0	3.44	-	-	-	-
Cranwell ...	9 9	62	14.5	6.8	10.7	+0.7	18.8	11	1.5	10	11.7	12.8	25	45	9	27	10	5	0	0	0	0	0	2	0	7	2	0	3.45	104	-	-	-
Brigg ...	9 9	3	15.2	6.1	10.7	-	19.4	12	-1.1	17	-	-	31	-	7	27	13	8	0	0	0	0	0	5	1	9	-	0	-	-	-	-	-
Binbrook ...	21-9	108	13.6	7.4	10.5	-	17.4	12, 30	1.6	20	-	-	38	-	9	27	16	7	0	0	0	1	0	3	0	2	0	1	-	-	-	-	-
Cleethorpes ...	9 9	7	14.4	7.9	11.1	+0.5	18.3	5	3.9	20, 27	-	-	30	55	6	28	12	11	0	0	0	0	0	3	0	0	-	0	2.63	77	-	-	-
Manby ...	21-9	17	14.6	7.3	10.9	-	18.8	30	0.5	10	11.6	-	45	86	11	30	16	9	0	0	0	2	0	3	0	7	0	0	3.62	-	-	-	-
Skegness ...	9 9	5		7.6					2.2	8	-	-	42	83	12	27	13	7	0	0	0	0	0	5	0	0	-	0	3.02	88	-	-	-
3 ENGLAND, E.																																	

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

OCTOBER, 1970

DISTRICT, COUNTY AND PLACE	Max. Min. Terminal hr. GMT of Observation	Height of Station (meters) above MSL	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)			WEATHER Number of Days												BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
			MEANS OF		Daily Mean (mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1910-50 average	Most in A DAY Amount (mm.)	Date	Precip'n		Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Glass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS OCTOBER, 1970

DISTRICT, COUNTY AND PLACE	Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days												BRIGHT SUNSHINE					
				MEANS OF		Daily Mean (mean of A & B)	Difference from 1931-50 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	121 cm.	Total fall (mm.)	Percentage of 1931-50 average	Amount (mm.)	Most in a day	Precip'n 0.2 mm or more	1.0 mm or more	Snow or Sleet	Snow lying at hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-50 average	Exposure			
				Max. (A)	Min. (B)			Maximum	Date	Minimum	Date																								
4 MIDLAND COUNTIES — contd.																																			
Hereford																																			
Lyonshall ...	9 9	155	13.8					17.8	4	0.0	10	-	-	38	44	9	27	16	11	-	-	-	-	-	1	9	-	-	-	-	-	-	-	-	-
Ross-on-Wye	19-9	68	14.3	7.5	+0.9	+0.5	19.4	4	-0.8	10	11.8	13.2	19	27	5	26	13	7	0	0	0	0	0	5	1	6	3	0	2.61	86	-	-	-	-	
Preston Wynne	9 9	84	(14.3)	(5.8)	(10.1)	-	18.3	4	-2.8	10	-	-	24	38	7	27	10	6	0	0	1	0	0	3	4	8	-	0	(2.93)	-	-	-	-	-	
Gloucester																																			
Filton ...	21-9	59	14.1	8.1	+0.4	+0.4	18.5	11	1.4	9	-	-	30	36	8	30	17	10	0	0	2	0	1	2	0	5	1	0	2.97	-	-	-	-	-	
Hempsted ...	9 9	12	14.5	6.9	10.7	-	19.4	11	-1.1	10	12.6	14.0	17	23	3	26	12	8	0	0	1	0	1	4	1	1	-	0	2.45	-	-	-	-	-	
Gloucester ...	21-9	24	14.7	8.2	11.5	-	19.6	11	0.9	10	-	-	15	-	3	26	11	8	0	1	0	0	4	0	7	0	-	0	2.82	-	-	-	-	-	
Cheltenham ...	9 9	65	14.4	7.4	10.9	+0.5	19.4	11	0.6	10	-	-	18	28	3	30	12	7	-	-	-	-	-	0	-	-	-	-	2.81	-	-	-	-	-	
Cirencester ...	9 9	135	14.2	6.1	10.1	-	18.9	11	1.1	7	-	-	30	36	6	27	15	9	0	0	0	0	6	0	8	-	0	3.10	-	-	-	-	-	-	
Little Rissington	21-9	226	13.1	7.1	10.1	-	17.7	4	1.4	21	-	-	21	29	4	27	12	10	0	1	0	0	5	0	3	1	0	3.18	-	-	-	-	-	-	
5 ENGLAND, S.E.																																			
Greater London																																			
Kensington Palace	9 9	25	15.4	8.7	12.1	+0.7	20.0	4.11	3.3	22	12.6	14.1	18	31	4	30	10	7	0	0	0	0	2	0	7	-	0	-	-	-	-	-	-	-	
Hampstead ...	9 9	137	14.5	8.0	11.3	+1.0	19.4	11	2.3	20	-	-	18	28	4	30	11	7	0	0	0	0	-	-	-	-	0	(3.46)	(108)	-	-	-	-	-	
St. James's Park	9 9	4	15.7	8.8	12.3	+0.6	20.0	11.12	4.4	20.21, 27	-	-	17	33	4	30	8	7	0	-	0	0	-	0	1	-	0	-	-	-	-	-	-	-	
London/W.Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Greenwich ...	9 9	7	-	8.2	-	-	-	-	2.2	9	-	-	13	25	3	30	9	5	0	0	0	0	0	0	5	-	0	3.18	107	-	-	-	-	-	
Heathrow ...	21-9	25	15.7	8.5	12.1	+1.2	21.0	11	2.4	8	-	-	10	17	3	5	7	5	0	0	0	0	2	0	4	0	-	0	3.25	-	-	-	-	-	
Hampton ...	9 9	12	15.4	8.2	11.8	-	20.0	11	2.8	9	-	-	12	21	3	5	8	5	0	0	0	0	4	0	3	-	0	3.10	-	-	-	-	-	-	
Wealdstone ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Southgate ...	9 9	67	15.3	8.1	11.7	-	20.6	11	2.8	8, 20	12.6	-	18	29	5	5	8	6	0	0	0	0	0	0	9	-	-	3.10	-	-	-	-	-	-	
Kew*	19-9	5	15.3	7.5	11.4	-	20.2	11	-0.9	9	12.0	13.2	15	25	3	5	10	6	0	0	1	0	3	1	10	2	0	3.35	106	-	-	-	-	-	
Waddon ...	9 9	59	15.3	7.7	11.5	+0.6	20.0	11	1.7	9	-	-	14	20	4	30	8	5	-	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-	
Addington ...	9 9	144	14.6	8.0	11.3	+0.9	19.4	11, 13	2.2	22	-	-	16	21	4	30	9	6	-	-	-	-	0	0	-	-	-	-	-	-	-	-	-	-	
Bromley ...	9 9	65	(15.1)	(7.5)	(11.3)	(+0.4)	19.4	13	2.8	8	-	-	14	22	3	5	8	7	-	0	-	-	-	0	0	-	-	-	-	-	-	-	-	-	
Surrey																																			
Godwick ...	21-9	59	14.9	6.5	10.7	+0.4	21.0	11	-0.9	9, 17	-	-	19	23	6	6	8	6	0	0	1	0	1	4	6	9	1	0	3.35	-	-	-	-	-	
Witley ...	9 9	35	15.7	7.0	11.3	+1.0	19.4	11	0.0	9, 21	12.4	13.7	11	17	3	30	9	5	-	0	-	-	-	2	0	12	-	-	3.14	102	-	-	-	-	
Mickleham ...	9 9	55	14.9	6.3	10.6	-	20.0	11, 13	-1.1	22	12.2	(13.2)	14	20	3	6	7	6	0	0	0	0	2	2	12	-	0	-	-	-	-	-	-	-	
Kent																																			
Dartford ...	9 9	5	15.4	(6.5)	(10.9)	-	21.7	11	-0.6	17, 27	12.3	13.4	16	-	4	5	10	5	0	0	0	1	3	3	10	-	0	3.38	-	-	-	-	-	-	
Hadlow College	9 9	30	15.4	(6.5)	(10.9)	-	21.7	11	-0.6	17, 27	12.3	13.4	16	-	4	5	10	5	0	0	0	1	3	3	10	-	0	3.38	-	-	-	-	-	-	
Gillingham ...	9 9	4	15.8	8.1	11.9	-	20.0	4, 11, 13	2.2	16, 17	-	-	16	25	4	6	11	5	-	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-	
Peckham ...	21-9	29	15.7	7.2	11.5	-	22.8	11	-1.1	27	-	-	13	-	4	6	10	6	0	0	0	1	3	3	10	6	0	4.35	-	-	-	-	-	-	
Dungeness ...	21-9	3	15.3	8.6	11.9	+0.1	19.3	12	0.0	23	-	-	30	39	8	7	8	7	0	0	0	1	0	0	-	-	0	-	-	-	-	-	-	-	
Whitstable ...	9 9	3	15.6	8.8	12.2	-	22.8	11	1.7	17	-	-	13	21	3	25	8	7	0	0	0	1	0	0	-	-	1	4.18	-	-	-	-	-	-	
Folkestone ...	9 9	39	15.3	9.7	12.5	-	22.8	11	3.9	20, 22	-	14.6	34	44	14	6	12	5	0	0	0	2	1	0	-	-	0	4.58	-	-	-	-	-	-	
Elmstone ...	9 9	9	15.1	-	-	-	20.0	12, 13	0.6	16	-	-	14	-	3	19	8	5	-	0	-	-	-	2	0	2	-	-	-	-	-	-	-	-	
Herne Bay ...	9 9	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Dover ...	9 9	6	15.5	9.6	12.5	+0.7	21.7	11	3.9	27	14.1	15.2	30	36	9	7	10	6	0	0	0	0	1	0	0	-	0	4.54	-	-	-	-	-	-	
Deal ...	21-9	5	15.0	9.7	12.3	-	20.9	13	4.4	9	-	-	31	-	11	5	9	5	0	0	0	1	0	0	0	0	-	-	-	-	-	-	-	-	
Manston ...	21-9	44	15.2	9.3	12.3	-	20.7	11	3.5	9	-	-	13	20	3	25	10	5	0	0	0	1	0	1	0	0	-	-	-	-	-	-	-	-	
Margate ...	9 9	16	15.1	(10.2)	(12.7)	(+0.7)	20.0	13	(2.8)	(21)	12.7	14.3	9	-	3	6	7	5	0	0	0	0	1	0	0	-	2	4.04	108	-	-	-	-	-	
West Malling ...	9 9	93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Goudhurst ...	9 9	85	14.9	6.9	10.9	-	22.2	11	0.0	16	-	-	22	23	6	5	9	5	0	0	0	1	2	1	10	-	0	-	-	-	-	-	-	-	
East Malling	19-9	37	15.4	7.3	11.3	+1.1	21.7	11	0.6	9, 16, 27	11.9	13.6	15	21	5	5	10	6	0	0	0	0	2	0	7	-	0	3.88	113	-	-	-	-	-	
Throwley ...	9 9	150	14.8	7.3	11.1	-	21.1	11	2.2	16, 17, 20	11.9	13.5	17	19	4	25	10	6	0	0	0	1	2	0	1	-	8	4.08	-	-	-	-	-	-	
Faversham ...	9 9	48	15.2	7.8	11.5	-	21.1	11	1.1	16, 17	12.8	14.1	14	-	3	19	7	5	0	0	0	1	2	0	4	-	0	3.87	-	-	-	-	-	-	
Wye ...	9 9	56	15.6	7.4	11.5	+0.9	22.2	12	1.7	18	12.6	13.6	13	16	3	25	8	6	0	0	0	0	2	0	4	-	0	4.15	114	-	-	-	-	-	
Sussex																																			
Thorney Island	21-9	3	15.2	8.5	11.9	-	21.4	11	2.2	22	-	-	31	43	11	6	10	7	0	0	1	1	1	0	5	1	0	3.50	-	-	-	-	-	-	
Rogate ...	9 9	64	15.1	(6.4)	(10.7)	-	21.5	11	-0.5	17	12.8	-	18	-	5	5	9	6	0	0	0	0	8	1	12	-	0	-	-	-	-	-	-	-	
Bognor Regis ...	9 9	7	15.0	(8.8)	(11.9)	(+0.4)	21.1	11	2.2	22	-	15.1	29	37	10	6	13	8	0	1	1	1	1	0	1	-	1	3.91	100	-	-	-	-	-	
Fernhurst ...	9 9	57	14.7	6.0	10.3	-	20.9	11	-0.5	9	11.7	-	19	21																					

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

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

OCTOBER, 1970

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DISTRICT, COUNTY AND PLACE	Max. Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days										BRIGHT SUNSHINE					
			MEANS OF		Daily Mean (mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1916-50 average	MOST IN A DAY		Precip'n 0.2 mm or more 1.0 mm or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure		
			Max. (A)	Min. (B)			Maximum	Date	Minimum	Date	Amount (mm.)	Date																				
			30 cm.	122 cm.			30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.																				
5. ENGLAND, S.E. — contd.																																
Hampshire — contd.																																
Southsea ...	99	2	15.4	9.7	12.5	+0.4	22.8	11	2.8	22	13.8	14.9	14	18	4	6	9	6	0	0	0	0	1	1	0	1	0	0	3.65	95	-	
Hayling Island ...	99	4	14.8	9.1	11.9	-	18.3	4	2.2	22	-	-	31	-	12	6	11	7	0	0	0	0	1	1	0	0	0	0	4.01	-	-	
Long Sutton ...	99	156	14.6	6.3	10.5	-	20.0	11	-1.1	22	11.7	-	14	-	3	30	13	7	0	0	0	0	0	0	0	1	12	0	3.44	106	-	
Alice Holt Lodge ...	99	115	14.4	6.8	10.6	-	20.0	11	0.0	8	-	-	15	18	3	5	10	7	0	0	0	0	0	2	0	11	0	0	3.41	-	-	
S. Farnborough ...	99	69	15.0	6.6	10.8	+0.3	20.1	11	-1.4	8	-	-	8	12	2	25	5	5	0	0	0	0	0	1	2	10	4	0	3.24	99	-	
Isle of Wight																																
St. Catherine's Pt. ...	99	16	14.9	9.4	12.1	0.0	20.5	11	2.5	22	-	-	27	32	14	7	12	6	0	-	0	0	0	1	0	0	-	1	-	-	-	
Ventnor * ...	99	122	15.1	9.9	12.5	+0.2	20.0	11	2.8	22	13.4	14.3	31	33	11	7	14	7	0	0	0	0	1	0	0	0	0	2	4.22	103	-	
Shanklin ...	99	55	14.6	9.4	12.0	-	18.9	11	2.8	22	-	-	31	30	9	7	13	8	0	-	1	0	2	0	0	-	-	0	4.13	-	-	
Sandown ...	99	4	15.6	9.8	12.8	+0.6	20.6	11	1.7	22	-	-	36	41	19	7	6	6	0	-	0	0	1	0	0	-	-	0	4.26	-	-	
Ryde ...	99	4	14.9	9.9	12.4	+0.4	19.4	11	4.4	22	-	-	24	28	6	6	13	7	0	0	0	0	0	1	0	-	-	2	3.68	96	-	
Wiltshire																																
Lacock ...	99	49	14.6	(6.5)	(10.5)	-	19.4	11	-1.1	9	-	-	15	22	4	5	12	8	-	0	-	-	-	3	3	5	-	-	-	-	-	
West Lavington ...	99	93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Lynham ...	21-9	145	13.7	7.5	10.6	+0.4	19.4	11	1.8	22	-	-	22	30	6	30	13	7	0	0	1	0	0	4	0	8	2	0	3.32	-	-	
Larkhill ...	99	132	14.3	7.0	10.7	+0.7	19.9	11	-0.9	8	-	-	25	32	9	5	15	7	0	0	0	0	1	4	1	5	3	0	-	-	-	
Boscombe Down ...	21-9	126	14.4	7.1	10.7	+0.5	20.0	11	-0.9	8	-	-	22	29	7	5	15	7	0	0	0	0	0	3	1	7	5	0	3.47	104	-	
Upavon ...	21-9	176	13.8	7.2	10.5	-	19.9	11	0.7	22	-	-	18	23	6	5	12	7	0	0	0	2	0	3	0	7	4	0	-	-	-	
Porton ...	99	111	14.5	6.1	10.3	+0.3	20.2	11	-2.8	8	11.2	-	18	23	6	5	15	4	-	0	-	-	-	3	2	10	6	-	3.34	97	-	
7a. ENGLAND, N.W.																																
Cumberland																																
Sellafield ...	99	13	13.9	(8.2)	(11.1)	-	20.6	11	3.9	21	-	-	108	90	22	30	19	15	-	0	-	-	-	0	0	1	-	-	3.15	-	-	
Carlisle ...	21-9	26	13.3	6.9	10.1	-	19.7	13	-0.2	9	-	-	127	-	29	31	18	14	0	0	1	0	0	0	1	5	1	0	2.95	-	-	
Newton Rigg ...	99	171	(12.6)	6.2	(9.4)	(+0.6)	16.7	2,13,22	0.6	9	10.4	-	113	116	15	24	19	18	-	0	-	-	-	1	0	7	-	-	3.07	113	-	
Spadeadam ...	99	274	11.0	4.6	7.8	-	17.2	13	-0.6	20,21	9.2	10.1	212	-	32	31	19	17	0	0	1	1	0	4	2	9	3	2.54	-	-	-	
Westmorland																																
Ambleside ...	99	46	13.3	6.9	10.1	-	17.2	11,12	1.1	9	-	-	243	115	36	29	18	18	0	0	0	0	0	1	0	-	-	0	-	-	-	
Great Dun Fell ...	21-9	847	7.0	2.6	4.8	-	14.4	13	-5.7	20	-	-	-	-	-	-	-	-	1	-	-	-	24	5	-	-	-	1.39	-	-	-	
Moor House ...	99	556	9.4	3.3	6.3	-	16.1	13	-1.7	21	7.9	-	267	126	32	24	22	19	-	0	-	-	-	4	3	10	-	-	2.60	-	-	
Lancashire																																
Squires Gate ...	21-9	10	13.7	8.3	11.0	+0.5	17.9	12	1.5	9	-	-	110	117	26	30	20	14	0	0	0	1	0	3	0	4	0	1	3.15	102	-	
Aigburth ...	99	14	14.4	8.4	11.4	-	17.7	1	3.0	9	-	-	69	-	17	27	17	13	0	0	2	0	1	3	0	0	-	0	3.21	-	-	
Southport ...	99	5	13.8	7.7	10.7	-	18.3	11,12	3.3	10,21	11.0	12.3	107	117	24	27	22	16	-	0	-	-	6	0	0	-	-	(3.52)	-	-		
Poulton-le-Fylde ...	99	12	13.8	(7.3)	(10.5)	-	18.3	12,13	1.1	9	-	-	113	108	32	30	20	14	0	0	0	0	0	2	0	-	-	0	-	-	-	
Cartmel ...	99	34	13.4	6.6	10.0	-	17.8	11	0.0	9	-	-	158	-	25	27	19	19	-	0	-	-	3	0	-	-	-	-	-	-	-	
Grizedale ...	99	91	12.8	(5.8)	(9.3)	-	16.1	11,12	-0.6	20	-	-	279	-	42	31	20	18	0	0	0	0	0	2	2	7	-	2	-	-	-	
Speke ...	21-9	22	14.4	8.1	11.3	+0.8	17.9	12,13	1.4	9	-	-	75	95	19	27	15	12	0	0	2	0	0	4	0	2	0	0	3.45	-	-	
Kirkham ...	99	24	13.4	7.4	10.4	-	17.2	12	1.7	9	-	-	125	116	29	30	20	16	0	0	0	0	0	2	0	8	-	0	3.15	-	-	
Bailrigg ...	99	53	13.3	7.4	10.3	-	17.5	11	1.5	9	-	-	133	-	27	30	19	16	-	0	-	-	0	0	5	-	-	3.34	-	-	-	
Morecambe ...	99	7	13.6	8.4	11.0	+0.5	18.9	11	3.3	9	-	-	109	102	19	27	19	18	0	0	0	0	0	0	-	-	0	3.28	109	-	-	
Preston ...	99	33	13.8	7.4	10.6	-	17.8	12	0.6	9	-	-	141	130	31	30	19	16	0	0	0	2	1	7	0	3	-	3	-	-	-	
Bolton ...	99	107	13.4	6.7	10.1	-	16.7	12	2.2	10,17	10.8	-	151	-	36	27	18	14	-	0	-	-	3	0	4	-	-	2.90	-	-	-	
Stonyhurst ...	99	115	(13.2)	6.7	(9.9)	(+0.2)	17.2	12	1.1	9	-	-	211	156	36	30	19	17	-	0	-	-	3	0	0	-	-	3.15	114	-	-	
Manchester/W. Centre ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.87	-	-	-	
Helmshore ...	99	261	12.3	6.4	9.3	-	16.1	13	1.7	9,21	10.0	-	204	124	40	30	18	17	-	0	-	-	-	6	0	6	-	-	3.15	-	-	-
Burnley ...	99	200	(12.7)	6.5	(9.6)	-	17.2	12,13	1.1	9	10.8	11.5	157	-	38	30	17	17	0	0	0	0	0	2	0	4	-	0	3.10	-	-	-
Nelson ...	99	165	12.6	(6.3)	(9.5)	-	16.7	12	0.6	9	10.5	(11.8)	185	148	41	30	19	18	-	0	-	-	-	0	0	3	-	-	3.13	-	-	-
Rochdale ...	99	110	13.4	6.2	9.8	-	17.2	12	0.0	10	-	-	137	115	29	27	18	17	0	0	0	0	0	6	0	9	-	3	-	-	-	-
Cheshire																																
West Kirby Park ...	99	8	(14.9)	8.6	(11.7)	-	18.9	4	2.2	9	-	-	74	-	19	30	19	11	-	0	-	-	-	0	0	-	-	-	3.28	-	-	-
Bidston ...	99	60	13.7	8.4	11.1	+0.8	17.0	1,4	4.8	20	-	-	71	93	21	30	15	13	-	-	-	-	2	0	-	-	-	3.50	120	-	-	
Ness Gardens ...	99	55	14.6	7.9	11.3	-	18.4	13	3.6	10	-	-	56	-	13	27	17	11	0	0	0	0	0	3	0	3	-	1	3.07	-	-	-
Winnington ...	99	20	15.0	7.1	11.1	-	18.9	11	0.6	9	-	-	64	80	17	27	15	11	0	0	0	0	1	1	4	0	0	0	-	-	-	-
Knutsford ...	99	65	14.2	6.5	10.3	-	18.3	11	1.1	9	11.5	-	79	93	20	27	17	14	-	0	-	-	-	0	8	-	-	-	-	-	-	-
Ringway ...	21-9	75	13.9	7.4	10.7	+0.8	18.1	11	2.4	9,21	-	-	73	89	17	27	16	13	0	0	0	0	0	1	0	0	1	0	3.45	125	-	-
Macclesfield ...	99	152	13.3	6.7	10.0	+0.5	17.8	11	0.6	21	-	-	84	91	19	27	19	13	0	0	0	1	0	1	0	-	-	0	-	-	-	-
7b. NORTH WALES																																
Flint																																
Rhyl ...	99	9	14.6	8.4	11.5	+0.6	20.6	14	2.2	9	-	-	75	99	16	27,30	17	14	0	0	0	2	0	0	0	0	-	2	3.74	119	-	-
Prestatyn ...	99	4	14.8	8.7	11.7	-	19.4	14	3.9	17	-	-	74	94	19	27	17	14	0	0	1	0	1	0	0	-	-	0	3.41	117	-	-
Hawarden Bridge ...	99	5	14.7	7.3	11.0	+0.5	18.3	13,30	0.0	9	-	-	65	89	16	27	15	13	0	0	0	0	0	4	1	-	-	0	-	-	-	-
Anglesey																																
Valley ...	21-9	10	13.9	9.1</																												

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

OCTOBER,

1970

DISTRICT, COUNTY AND PLACE	Terminal hr. GMT of Observation	Height of Station above MSL (feet)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days										BRIGHT SUNSHINE								
			MEANS OF		Daily Mean (mean of A & B)	Difference from 1911-50 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1916-50 average	Amount (mm.)	Date	Precip'n		Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1911-50 average	Exposure		
			Max. (A)	Min. (B)			Maximum	Date	Minimum	Date							0.2 mm. or more	1.0 mm. or more															
			Max. (A)	Min. (B)			Maximum	Date	Minimum	Date							0.2 mm. or more	1.0 mm. or more															
8a. SOUTH WALES.																																	
Cardigan																																	
Aberporth ...	21-9	133	13.2	8.9	11.1	+0.3	18.7	14	3.2	10	-	-	108	91	19	11	23	19	0	0	1	2	1	1	0	1	0	2	2.43	-	-	-	
Gogerddan ...	9 9	31	14.3	7.9	11.1	-	19.4	14	0.6	9	-	-	140	121	25	11	22	19	0	0	0	0	1	0	0	3	-	0	2.63	-	-	-	
Swyddffynnon ...	9 9	165	13.3	6.8	10.1	-	18.3	14	-1.1	10	-	-	173	122	30	19	17	17	-	0	-	-	0	1	5	-	-	2.70	-	-	-		
Trawscoed ...	9 9	61	13.8	(7.2)	(10.5)	-	16.7	11,13,14	-0.6	10	12.6	-	137	103	21	11	19	18	0	0	0	0	0	0	1	5	-	0	2.29	-	-	S	
Llety-evan-hen ...	9 9	290	12.3	7.3	9.8	-	17.2	14	2.2	17,20,21	-	-	195	122	20	27	22	19	0	0	0	1	1	6	0	4	-	0	2.63	94	-	-	
Cwmystwyth ...	9 9	301	12.1	6.4	9.3	-	16.1	14	-0.6	10	-	-	216	-	37	27	22	19	-	0	-	-	-	1	6	-	-	-	-	-	-		
Pembroke																																	
Dale Fort ...	9 9	33	14.5	(10.3)	(12.4)	-	17.2	17	5.0	21	12.2	-	44	-	10	26	18	11	0	0	0	0	1	0	0	0	-	2	3.61	-	-	-	
Milford Haven C.B.*	21-9	37	13.9	9.6	11.7	-	16.1	13	3.5	10	-	-	62	-	14	20	19	15	0	0	1	0	0	0	0	2	0	3	-	-	-	-	
Orielton ...	9 9	61	14.2	8.3	11.3	-	16.7	4,13,16	1.7	10	(12.3)	-	78	-	15	30	19	16	0	0	0	0	0	0	0	6	-	0	-	-	-	-	
Haverfordwest ...	9 9	8	14.1	6.9	10.5	-	17.8	14	-1.7	9	-	-	73	-	11	30	19	15	0	-	0	1	0	-	5	-	-	0	(2.74)	-	-	-	
Carmarthen																																	
Carmarthen ...	9 9	15	14.3	6.7	10.5	-	18.3	4	-0.6	9	13.1	-	104	-	24	11	23	20	0	0	1	0	0	1	1	8	-	0	2.82	-	-	-	
Brynamman ...	21-9	183	13.4	8.1	10.7	-	16.9	14,17	1.1	21	-	-	179	-	48	11	23	17	-	-	-	-	3	0	1	-	-	-	-	-	-	-	
Radnor																																	
Cenarth Mill ...	21-9	282	12.5	5.5	9.0	-	16.5	14	-3.1	9,10	-	-	100	-	23	27	23	14	-	0	-	-	-	3	4	10	-	-	-	-	-	-	
Llandrindod Wells ...	9 9	235	13.2	5.9	9.5	+0.2	17.8	17	-1.7	10	11.6	-	77	71	13	27	22	14	0	0	0	0	0	2	3	-	0	2.13	79	-	-	S	
Brecknock																																	
Llwynon ...	9 9	262	12.7	(6.0)	(9.3)	-	17.2	14,17	0.6	8,10	-	-	175	-	43	30	21	16	0	0	0	0	0	6	0	-	0	-	-	-	-	-	
Glamorgan																																	
Mumbles ...	21-9	37	13.6	9.4	11.5	-	17.2	13	3.6	21	-	-	-	-	-	-	-	-	0	0	1	0	3	1	0	0	0	5	-	-	-	-	
Penmaen ...	9 9	82	13.6	8.7	11.1	-	16.7	4	2.2	21	12.5	13.4	142	-	30	11	22	16	0	0	0	1	3	2	0	1	-	0	-	-	-	-	
Swansea ...	9 9	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	1	3	2	0	1	-	0	-	-	-	-	
Port Talbot ...	9 9	7	15.1	9.4	12.3	-	20.0	13	2.8	8	-	-	128	110	26	11	19	14	0	0	1	0	3	0	0	1	-	-	3.04	-	-	-	
Neath ...	9 9	62	14.3	8.7	11.5	-	18.9	13	2.8	8	-	-	154	113	33	11	23	17	0	0	1	0	3	0	0	1	-	0	-	-	-	-	
Rhoose ...	21-9	67	14.0	8.7	11.3	-	17.9	13	1.7	21	-	-	66	-	20	11	16	13	0	0	1	0	1	2	0	2	1	0	3.13	96	-	-	
Cardiff ...	9 9	62	14.3	8.1	11.2	+0.3	18.3	4	3.3	21	12.8	13.8	81	71	14	30	18	15	0	-	0	0	0	2	0	-	-	-	2.95	-	-	S	
Monmouth																																	
Tredegar ...	9 9	313	12.6	6.3	9.5	-	17.2	16,17	0.6	8,21	-	-	132	72	28	30	19	15	0	0	0	0	1	7	0	7	-	0	-	-	-	S	
Newport ...	9 9	23	14.6	8.2	11.4	+0.7	19.4	4	3.3	10,22	-	-	89	84	19	30	18	15	0	0	0	0	0	1	0	2	-	0	3.33	-	-	-	
Usk ...	9 9	21	15.2	6.4	10.8	-	18.3	16	-1.7	10	-	-	39	37	5	12	14	12	-	0	-	-	-	15	14	7	-	-	2.75	-	-	-	
Crumbland ...	9 9	245	12.9	6.9	9.9	-	18.3	4	1.7	21	11.2	12.3	34	32	6	11	17	12	-	0	-	-	-	6	0	7	-	-	3.11	-	-	-	
8b. ENGLAND, S.W.																																	
Somerset																																	
Hawkridge ...	9 9	314	12.6	6.8	9.7	-	17.2	17,18	1.1	8	-	-	164	104	33	30	24	19	0	0	0	2	0	6	0	7	-	0	3.07	-	-	-	
Nettlecombe ...	9 9	96	14.7	7.2	10.9	-	18.9	13	0.6	22	12.2	-	39	-	14	11	14	7	0	0	0	1	0	3	0	10	-	0	-	-	-	-	
Cannington ...	9 9	29	14.6	7.9	11.3	-	18.9	4	0.6	9	12.7	-	25	31	10	11	14	7	0	-	0	0	0	3	0	2	-	0	2.91	87	-	-	
Weston-super-Mare ...	9 9	9	14.9	9.1	12.0	+0.5	18.3	13	3.9	8,9	-	-	36	40	9	30	11	10	0	0	0	0	0	2	0	0	-	3	3.16	94	-	-	
Cricket Malherbie ...	9 9	76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cheddar ...	9 9	11	(14.9)	(7.6)	(11.3)	-	20.6	13	1.1	8	(12.3)	-	41	-	9	30	15	11	-	0	-	-	-	1	-	-	-	-	-	-	-	-	
Yeovilton ...	21-9	18	15.1	7.4	11.3	-	18.7	17	-0.9	8	-	-	17	-	3	11	13	6	0	0	0	0	0	3	2	7	2	1	-	-	-	-	
Rodney Stoke ...	9 9	40	14.6	7.9	11.3	-	17.8	17	2.2	8,9	12.9	13.8	33	-	8	30	15	9	-	0	-	-	-	3	0	1	-	-	-	-	-	-	
Long Ashton ...	9 9	49	14.4	7.4	10.9	+0.2	18.3	11	1.7	22	12.1	-	39	39	9	30	19	13	0	0	1	0	1	2	0	5	-	0	2.98	94	-	-	-
West Camel ...	9 9	27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Wincanton ...	9 9	114	14.6	7.4	11.0	-	18.3	11	2.2	7	-	-	28	-	7	30	16	6	0	0	0	0	0	3	0	6	-	1	-	-	-	-	
Bath C.B.S.** ...	9 9	118	14.1	8.1	11.1	-	18.3	11	2.8	21,22	12.9	-	15	18	5	30	9	6	0	0	0	0	0	3	0	-	-	0	-	-	-	-	
Dorset																																	
Portland Bill C.G. ...	21-9	53	14.4	10.7	12.5	-	17.5	13	4.6	22	-	-	31	-	8	6	12	6	0	0	0	2	2	1	0	0	0	3	3.77	-	-	-	
Weymouth ...	9 9	5	15.1	8.6	11.9	-	17.8	4,13	0.6	22	-	-	21	-	5	11	15	7	0	0	0	0	0	0	0	-	-	0	3.66	-	-	-	
Winfrith ...	9 9	26	15.2	7.1	11.1	-	18.9	4,17	-1.1	9,10	-	-	33	-	6	11	13	9	-	0	-	-	-	1	3	9	-	-	-	-	-	-	
Shaftesbury ...	9 9	207	13.2	7.1	10.1	0.0	17.8	11	0.6	20	-	-	29	34	9	5	15	8	-	0	-	-	-	4	0	-	-	-	-	-	-	-	
Swanage ...	9 9	11	15.3	9.1	12.2	-	18.3	4,13	2.8	22	-	14.6	32	38	5	7	14	10	0	-	0	0	0	2	0	1	-	0	3.96	108	-	-	
Poole ...	9 9	8	15.5	7.9	12.7	-	20.0	4	1.1	8	12.9	14.6	22	25	5	5	12	8	0	0	0	0	0	3	0	7	-	0	3.59	97	-	-	
Devon																																	
Virginstow ...	9 9	168	13.8	(7.4)	(10.6)	-	17.7	17	2.1	9	-	-	-	-	-	-	-	-	0	-	0	0	0	0	0	0	-	0	-	-	-	-	
Hartland Point ...	21-9	91	13.4	10.1	11.7	-	17.4	13	4.7	21	-	-	66	62	11	25	16	13	0	0	1	0	2	1	0	0	0	9	3.01	88	-	-	
Mount Batten ...	21-9	27	14.3	9.4	11.9	0.0	17.2	17	3.0	21	-	-	30	31	5	5	15	11	0	0	0	1	0	1	0	4	1	1	3.38	92	-	-	
Plymouth, The Hoe ...	9 9	36	14.9	9.0	11.9	0.0	17.8	1,4,17	2.2	21	13.2	14.4	25	26	4	20	16	7	0	0	0	0	0	1	0	3	-	1	3.31	89	-	-	
Tavistock ...	9 9	139	14.3	7.4	10.9	0.0	17.2	4,14	0.0	21	-	-	41	29	5	5	18	14	0	0	0	0	0	0	0	-	-	0	-	-	-	-	
Chivenor ...	21-9	6	14.7	9.2	11.9	-0.2	19.5	4	2.5	10	-	-	69	68	10	30	19	15	0	0	1	1	1	1	0	2	0	0	2.50	-	-	-	
Ilfracombe ...	9 9	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Salcombe ...	9 9	116	14.0	8.7	11.3	-	16.7	1,17	0.0	21	-	-	38	-	6	5	19	13	0	-	0	0	0	1	0	-	-	1	3.42	-	-	-	
Totnes ...	9 9	85	15.4	(6.9)	(11.1)																												

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

OCTOBER, 1970

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DISTRICT, COUNTY AND PLACE	Max. Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days												BRIGHT SUNSHINE			
			MEANS OF		Daily Mean (mean of A & B)	Difference from 1931—60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1931—60 average	Most in a day Amount (mm.)	Date	Precip'n		Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost†	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931—60 average	Exposure	
			Max. (A)	Min. (B)			Maximum	Date	Minimum	Date	0.2 mm or more	1.0 mm or more																				
																	30 cm.	122 cm.														
9. NORTHERN IRELAND																																
Londonderry																																
Loughmore Forest	99	174	11.7	6.5	9.1	-	15.6	14	0.5	27	-	-	171	-	19	24	25	21	2	0	3	1	1	1	0	2	-	7	-	-	-	
Ballykelly	21-9	2	13.4	8.7	11.1	+0.9	18.5	14	3.6	20	11.4	12.6	127	134	15	24	23	21	0	0	2	2	0	0	0	0	0	3	1.52	54	-	
Banagher, Caugh Hill			11.8	6.2	9.0	-	16.0	14	0.7	27	-	-	162	-	21	24	26	21	0	0	1	0	0	1	0	1	-	3	-	-	-	
Derrynoyd Forest	99	88	12.8	6.9	9.9	-	17.0	14	1.9	9	-	-	170	-	25	24	24	20	1	0	0	0	0	0	0	2	-	-	-	-	-	
Somerset Forest	99	43	13.1	6.9	10.0	-	17.0	14	2.5	11	-	-	149	-	15	24	23	20	0	0	0	0	0	0	0	0	0	-	-	-	-	
Coleraine Univ. ...	99	23	13.2	7.6	10.4	-	17.2	14	2.8	9,21	11.2	12.1	137	-	21	31	23	20	0	0	0	2	0	0	0	0	0	3	1.46	-	-	
Garvagh Forest	99	88	12.7	7.0	9.9	-	16.7	14	1.7	21,27	12.0	13.1	163	-	17	24	25	19	1	0	1	0	0	0	0	1	-	-	-	-	-	
Moneydig	21-9	34	13.0	7.3	10.1	+0.6	17.1	14	1.3	9	11.9	-	134	118	17	24	23	19	0	0	3	0	0	0	0	4	0	2	-	-	-	
Antrim																																
Portrush Golf Club	99	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ballymoney	99	55	13.0	7.0	10.0	-	16.2	1	2.3	9	-	-	127	-	14	24	23	20	0	-	0	0	0	0	0	0	-	-	-	-	-	
Lisnafillan	99	38	13.1	6.9	10.0	-	17.8	14	-0.6	9	-	-	104	-	24	4	22	20	0	0	0	0	0	0	1	2	-	-	2.06	-	-	
Aldergrove	21-9	68	12.8	7.8	10.3	+0.6	17.4	14	2.2	9	11.5	12.1	83	82	19	24	22	17	0	0	1	0	0	0	0	2	0	2.11	81	-	-	
Greenmount	99	32	13.1	7.6	10.3	-	17.2	14	1.1	9	11.8	-	89	-	19	24	25	19	0	0	0	0	0	0	0	1	-	-	-	-	-	
Altnahinch	99	226	11.6	6.2	8.9	-	16.7	14	1.1	20	-	-	159	-	26	24	26	22	2	0	2	0	0	1	0	2	-	9	1.79	-	-	
Parkmore Forest	99	235	11.4	6.0	8.7	-	15.6	14	1.1	9	11.3	-	205	119	29	24	25	22	0	0	0	0	0	1	0	4	-	4	-	-	-	
Black Mountain	21-9	295	10.6	5.8	8.2	-	14.5	31	-0.7	20	-	-	123	-	28	24	20	15	1	0	0	0	0	7	1	-	5	-	-	-	-	
Lowtown	99	271	10.9	5.7	8.3	-	15.0	14	0.0	21	10.1	-	146	-	27	24	22	18	1	0	0	0	0	4	0	2	-	4	1.77	-	-	
Ballypatrick Forest	99	152	12.1	6.7	9.4	-	16.7	14	2.5	20	-	-	143	106	22	24	24	20	1	0	1	0	0	0	0	0	-	4	1.45	-	-	
Belfast, Malone*	99	35	13.1	7.0	10.1	-	16.1	1,12,31	1.1	9	11.3	-	-	-	-	-	-	-	0	-	0	0	0	1	0	0	-	2.32	-	-	-	
Newtownabbey	99	32	13.5	8.1	10.8	-	17.2	31	3.3	21	11.6	-	99	-	18	31	20	16	0	0	2	0	0	0	0	1	-	4	2.17	-	S	
Woodburn, North	99	217	11.5	6.2	8.9	-	15.0	31	1.7	9	-	-	126	97	20	24	22	17	0	0	0	0	0	7	0	2	-	-	-	-	-	
Larne	99	43	13.4	7.4	10.4	-	16.8	10	1.6	21	-	-	120	104	25	24	21	19	1	0	0	3	0	0	0	0	-	6	-	-	-	
Kilroot	99	22	13.3	7.4	10.3	-	16.7	31	2.2	9	-	-	99	-	15	24	19	16	0	0	0	0	0	0	0	0	-	-	-	-	-	
Ballylumford	99	24	13.2	7.8	10.5	-	16.7	31	4.4	9,21,29	-	-	107	-	25	24	22	16	0	-	0	0	0	-	0	0	-	-	-	-	-	
Down																																
Hillsborough	99	116	12.6	7.2	9.9	+0.4	16.1	13,31	2.8	21	11.3	11.9	80	86	21	24	20	15	1	0	0	0	0	0	0	2	-	1	2.43	89	-	
Kilkeel	21-9	18	13.1	8.2	10.7	+0.3	17.0	1	1.2	9	-	-	79	-	14	11,27	20	15	0	0	0	0	0	0	0	1	0	1	2.50	-	-	
Tollymore Park	99	76	13.5	7.2	10.3	-	17.2	13,31	1.7	21	-	-	71	52	19	11	18	13	0	0	0	0	0	0	0	1	-	-	-	-	-	
Rosetta	99	24	13.5	7.5	10.5	-	16.7	1,12,29	1.7	9	-	-	90	-	18	24	20	16	0	0	0	0	0	0	0	0	-	-	-	-	-	
Murlough	99	9	13.8	7.9	10.9	-	17.2	4,31	-1.7	9	10.9	11.8	54	-	11	11	16	11	0	0	0	0	0	0	1	1	-	5	2.65	-	-	
Stormont Castle	99	56	13.3	7.4	10.3	-	16.7	14	3.3	27	11.3	12.4	86	89	17	24	19	15	0	0	0	0	0	4	0	0	-	1	2.44	-	-	
Downpatrick	99	26	13.3	7.4	10.3	-	17.2	31	1.7	9	-	-	60	-	12	11	18	12	-	-	-	-	1	0	0	-	-	-	-	-	-	
Creighton's Green	99	119	12.3	7.4	9.9	-	15.6	31	3.3	20	-	-	91	-	17	31	22	15	0	0	1	0	0	0	0	0	-	2	-	-	-	
Reagh Island**	99	12	13.4	8.4	10.9	-	16.7	31	5.0	8,9,27	-	-	59	-	11	11	17	12	0	-	0	1	0	0	0	1	-	4	2.44	-	-	
Helen's Bay	99	43	13.1	7.8	10.5	-	16.7	31	3.9	27	-	-	78	-	15	24	21	15	0	0	0	0	0	0	0	0	-	4	2.42	-	-	
Killough	21-9	15	12.8	7.8	10.3	-	16.7	1	2.0	9	-	-	62	-	15	27	19	10	0	0	0	0	0	0	0	0	7	-	-	-	-	
Ballyhalbert	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.64	-	-	
Armagh																																
Armagh	99	62	13.3	7.4	10.3	+0.4	17.2	14	2.8	9	12.8	13.5	80	94	16	24	20	15	0	0	0	0	0	0	0	4	-	1	1.92	70	-	
Loughgall	99	25	13.3	7.3	10.3	-	16.7	1,14,31	0.6	9	-	-	78	98	17	24	21	15	0	0	0	1	0	0	0	7	-	0	2.29	-	-	
Bessbrook	-	76	-	-	-	-	-	-	-	-	-	-	80	77	12	27	20	14	-	-	-	-	-	-	-	-	-	-	-	2.49	88	-
Portadown	99	16	13.7	7.1	10.4	-	18.3	14	1.1	9	11.9	13.2	76	-	15	24	20	14	0	-	0	0	0	0	0	2	-	1	-	-	-	
Lurgan	99	55	13.4	7.4	10.4	-	17.8	14	2.2	9	11.5	12.9	73	-	15	31	21	15	-	-	-	-	-	-	0	2	-	-	2.16	-	-	
Tyrone																																
Lough Bradan	99	169	12.1	6.3	9.2	-	16.1	13	1.1	27	-	-	211	-	34	24	27	23	-	0	-	-	-	1	0	4	-	-	1.74	-	-	
Baronscourt Forest	99	88	12.7	7.2	9.9	-	17.0	14	2.1	27	-	-	127	-	28	24	25	21	0	0	0	0	0	0	0	4	-	-	-	-	-	
Strabane Convent	99	44	13.2	7.4	10.3	-	18.0	14	3.0	9,21	-	-	124	-	20	24	27	20	0	0	1	0	0	0	0	2	-	3	1.59	-	-	
Carrigans	21-9	113	12.5	7.4	9.9	-	17.0	14	2.2	20	-	-	160	-	33	24	25	23	1	0	1	1	0	0	0	3	0	2	-	-	-	
Lislap Forest	99	209	11.8	5.2	8.5	-	16.7	14	0.6	20,27	10.9	-	147	108	30	24	25	23	2	0	0	0	0	3	0	5	-	2	-	-	-	
Knockmany Forest	99	73	12.9	5.7	9.3	-	16.9	14	-0.7	9	-	-	119	112	26	24	23	21	0	0	0	0	1	4	1	4	-	-	-	-	-	
Pomeroy Forest	99	165	12.3	6.4	9.3	-	16.1	14	1.7	20,27	11.4	-	124	-	19	24	23	20	0	0	1	0	0	0	4	5	-	4	-	-	-	
Cookstown	99	77	12.9	6.9	9.9	-	17.2	14	1.1	9	11.1	-	103	101	17	24	23	19	1	-	0	0	0	0	0	2	-	-	2.31	-	-	
Fermanagh																																
Roscor	99	143	12.6	7.0	9.8	-	17.4	13	1.8	27	-	-	173	137	31	24	28	20	1	0	4	0	0	0	0	2	-	1	-	-	-	
Lough Navar Forest	99	148	12.4	5.4	8.9	-	16.8	13	0.5	20	-	-	1																			

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS

OCTOBER,

1970

Height of Barometer above M.S.L. in metres	Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Metres and Kilometres)										WIND SPEED AND DIRECTION																
		At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	Mean	0	1-2	3-5	6-7	8	9	0-39 m.	40-190 m.	200-390 m.	400-990 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.		
																									SPEED IN KNOTS														
																									8 or more	6-7	4-5	1-3	Caln										
																									24 or more	22-33	11-21	1-10	0										
Number of Observations																																							
0 SCOTLAND, N.																																							
Lerwick [Zetland]																																							
83	3	1007.6	-	6.9	0.7	9.0	89	6.0	0	2	10	9	7	3	0	3	0	0	2	0	1	5	14	6	0	7	12	9	3	5	0	1	1	6	4	8	3		
	9	1008.3	-0.8	7.4	0.8	9.3	88	6.8	0	0	6	13	9	3	0	2	1	0	1	3	2	9	5	8	0	5	12	13	1	2	1	0	4	7	4	7	5		
	15	1007.5	-	8.2	1.1	9.5	85	6.5	0	1	7	12	10	1	0	1	0	0	3	2	4	12	5	0	0	6	19	6	0	2	0	0	3	8	8	5	5		
	21	1007.0	-	7.4	0.8	9.3	89	5.9	0	4	7	7	9	4	0	3	1	0	0	2	4	6	8	7	0	7	8	15	1	3	0	2	3	6	4	6	6		
Kirkwall [Orkney]																																							
26	3	1009.1	-	7.8	0.8	9.6	89	5.9	0	4	7	9	8	3	1	0	0	3	1	0	3	6	15	2	1	7	11	9	3	2	1	1	3	7	2	9	3		
	9	1009.5	+0.0	8.3	0.8	9.9	89	6.0	0	2	8	13	8	0	0	0	1	0	1	1	6	4	13	5	1	8	13	9	0	2	0	1	4	8	3	8	5		
	15	1008.5	-	9.4	0.9	10.5	87	6.6	0	0	5	16	9	1	0	0	0	1	0	1	8	6	9	6	2	4	16	8	1	2	0	1	4	6	8	5	4		
	21	1008.1	-	8.2	0.7	9.9	90	5.7	0	6	4	12	7	2	1	0	0	2	0	1	4	3	20	0	2	6	12	9	2	2	1	1	5	2	6	9	3		
Wick [Caithness]																																							
37	3	1010.0	-	7.5	0.8	9.3	88	5.5	0	5	5	14	4	3	0	1	1	1	0	1	2	4	14	7	0	4	14	12	1	2	0	0	2	7	8	6	5		
	9	1010.4	+0.4	8.4	1.0	9.7	86	5.7	0	5	6	13	7	0	0	0	0	0	1	2	5	1	12	10	0	3	16	11	1	2	0	0	2	8	5	7	6		
	15	1009.4	-	10.0	1.5	10.2	81	6.5	0	1	6	16	7	1	0	1	0	0	0	1	6	4	10	9	0	6	12	13	0	3	0	0	2	5	8	7	6		
	21	1009.1	-	7.8	0.8	9.5	88	4.4	0	9	12	7	2	1	0	0	1	0	2	1	2	3	14	8	1	3	13	12	2	2	0	0	3	4	7	10	3		
Cape Wrath* [Sutherland]																																							
113	3	1008.9	-	8.9	1.4	9.4	81	6.4	0	0	9	7	15	0	0	0	0	0	0	0	1	0	11	19	3	6	8	12	2	2	0	1	3	0	10	7	6		
	9	1009.2	-	9.2	1.5	9.6	80	6.5	0	0	9	12	9	1	0	0	0	1	1	0	1	0	12	16	2	8	7	12	2	2	1	0	3	1	8	8	6		
	15	1008.3	-	9.7	1.4	10.0	82	7.1	0	0	3	11	17	0	0	0	0	0	0	1	2	2	7	19	2	8	6	14	1	2	0	0	4	0	13	6	5		
	21	1008.0	-	9.5	1.5	9.7	80	6.4	0	0	10	10	11	0	0	0	0	0	1	0	2	2	8	18	1	9	5	14	2	1	0	1	3	1	10	7	6		
Stornoway [Ross & Cromarty]																																							
5	3	1010.5	-	8.3	0.5	10.4	93	5.4	2	6	4	7	12	0	0	0	0	0	0	1	6	13	10	1	0	5	17	6	3	2	0	1	1	7	5	6	6		
	9	1010.7	+1.1	9.3	0.6	11.0	92	6.4	0	2	4	18	7	0	0	0	0	0	0	2	8	8	11	2	0	5	14	12	0	2	0	0	2	8	7	6	6		
	15	1009.7	-	10.0	0.8	11.1	89	6.2	0	2	7	12	10	0	0	0	0	0	0	2	6	8	12	3	2	6	14	9	0	2	0	0	2	7	7	7	6		
	21	1009.8	-	8.5	0.5	10.4	92	5.5	1	7	4	8	11	0	0	0	0	0	0	1	4	13	12	1	1	4	16	7	3	1	1	0	1	9	3	8	5		
Benbecula [Inverness]																																							
7	3	1011.7	-	9.5	0.9	10.7	88	5.8	0	4	7	12	8	0	0	0	0	0	0	5	3	6	14	3	0	6	20	4	1	4	1	1	3	5	3	8	5		
	9	1012.0	+2.3	10.0	0.8	11.1	89	6.7	0	0	6	16	9	0	0	0	0	0	1	3	4	9	13	1	0	8	18	5	0	3	0	0	2	6	10	4	6		
	15	1011.0	-	10.5	1.0	11.2	88	6.6	0	3	2	15	11	0	0	0	0	0	0	2	9	5	11	4	0	9	16	6	0	3	1	0	1	7	8	7	4		
	21	1011.1	-	9.7	0.9	10.8	88	5.9	1	3	6	10	11	0	0	0	0	0	1	3	5	8	13	1	1	4	16	9	1	6	0	1	2	6	6	8	1		
1 SCOTLAND, E.																																							
Kinloss [Moray]																																							
6	3	1011.3	-	7.9	1.1	9.1	84	5.0	1	10	3	7	10	0	0	0	0	0	0	0	6	2	13	8	0	3	14	13	1	0	0	1	4	7	6	10	2		
	9	1011.6	+1.9	9.1	1.5	9.5	81	6.0	0	4	3	20	4	0	0	0	0	0	0	0	4	4	7	16	0	4	16	10	1	0	0	3	2	3	15	4	3		
	15	1010.4	-	10.9	1.8	10.3	77	6.5	0	1	4	22	4	0	0	0	0	1	0	0	3	6	5	16	0	6	12	12	1	0	1	2	1	13	10	2			
	21	1010.5	-	8.9	1.4	9.5	82	5.1	1	8	3	12	7	0	0	0	0	2	0	1	2	2	16	8	1	4	14	12	0	0	0	1	0	8	12	7	3		
Dyce [Aberdeen]																																							
59	3	1011.5	-	7.2	0.9	9.0	86	5.7	4	3	1	15	6	2	0	2	0	0	2	1	2	6	7	11	0	3	12	12	4	1	0	0	1	6	5	8	6		
	9	1012.1	+0.6	8.1	1.1	9.3	85	6.1	0	4	5	17	3	2	0	0	0	3	0	5	2	4	6	11	0	2	15	12	2	0	0	0	1	8	9	6	5		
	15	1011.0	-	10.7	1.8	10.2	78	6.4	0	2	5	16	8	0	0	0	0	1	2	3	8	5	9	0	4	14	12	1	0	0	1	0	10	8	2	9			
	21	1010.7	-	8.3	1.0	9.5	86	4.4	3	7	8	8	4	1	0	1	0	2	1	2	1	7	9	8	0	4	13	12	2	0	0	0	2	3	8	11	5		
Fraserburgh [Aberdeen]																																							
22	3	1010.9	-	8.9	0.7	10.4	90	5.7	0	6	6	5	12	2	0	0	1	1	1	1	4	16	7	0	5	1	14	11	0	4	0	0	2	11	4	8	2		
	9	1011.0	+0.3	8.9	0.8	10.4	90	6.3	0	1	7	16	4	3	0	1	0	2	0	8	9	11	0	4	3	10	14	0	3	0	0	1	13	3	10	1			
	15	1010.2	-	11.0	1.2	11.3	86	6.6	0	1	7	11	10	2	0	1	0	1	0	2	7	7	13	0	3	5	12	10	1	5	0	0	2	9	3	8	3		
	21	1009.7	-	9.4	0.6	11.0	92	5.2	0	6	9	7	4	5	0	1	2	2	0	2	13	11	0	2	3	15	11	0	2	0	1	0	10	5	10	3			
Usan [Angus]																																							
35	3	1012.5	-	8.1	1.0	9.4	86	4.7	3	8	3	6	8	3	1	2	0	0	1	1	2	1	1	22	0	3	10	15	3	6	0	1	0	1	8	12	0		
	9	1013.0	-	8.8	1.1	9.8	85	5.7	0	5	5	14	5	2	1	1	0	1	0	3	2	1	4	18	0	2	11	15	3	2	0	0	1	0	10	11	4		
	15	1012.2	-	10.8	1.7	10.3	78	6.0	0	4	3	17	6	1	0	0	0	2	0	2	5	2	4	16	0	6	11	12	2	4	0	0	0	6	5	10	4		
	21	1011.7	-	9.2	1.1	10.1	85	4.3	0	14	3	8	4	2	0	1	0	1	1	2	1	1	2	22	0	3	16	8	4	4	0	0	1	0	5	15	2		
Leuchars [Fife]																																							
12	3	1012.5	-	7.8	0.9	9.3	87	5.7	3	4	3	8	10	3	0	0	3	1	0	3	2	5	8	9	0	5	13	8	5	1	2	1	0	0	13	6	3		
	9	1013.1	+1.2	8.7	1.1	9.6	84	5.6	0	6	6	12	5	2	0	2	0	0	2	4	1	5	8	9	0	3	16	5	7	1	0	1	0	10	9	3			
	15	1012.1	-	11.4	1.9	10.5	77	6.3	0	3	6	13	9	0	0	0	0	0	3	6	5	10	7	0	7	11	10	3	2	0	1	1	2	7	10	5			
	21	1011.9	-	8.9	1.1	9.9	85	5.0	2	4	10	9	6	0	0	1	1	1	2	1	1	4	11	9	1	6	11	8	5	1	0	1	0	0	7	16	1		
Turnhouse [Midlothian]																																							
44	3	1013.4	-	7.9	0.9	9.5	87	6.0	0	5	4	12	10	0	0	0	0	1	1	2	6	9	7	5	0	3	11	11	6	0	1	1	0	0	11	12	0		
	9	1014.3	+1.9	9.0	1.1	9.9	85	5.8	0	3	8	13	6	1	0	1	0	1	1	3	3	15	4	3	0	2	12	10	7	0	1	1	0	0	12	8	2		
</																																							

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS

OCTOBER,

1970

Height of Barometer above M.S.L. in metres	Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Okta)					VISIBILITY (Metres and Kilometres)							WIND SPEED AND DIRECTION																		
		At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	MEAN	0	1-2	3-5	6-7	8	9	0-39 m.	40-190 m.	200-390 m.	400-990 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	
																									SPEED IN KNOTS													
																									0-10	11-20	21-30	31-40	41-50									
																									0-10	11-20	21-30	31-40	41-50									
Number of Observations																																						
6a. SCOTLAND, W. — contd.																																						
Abbotsinch [Renfrew]																																						
9	3	1013.8	-	8.4	0.8	9.9	88	5.9	1	4	5	12	9	0	0	1	0	0	1	6	3	7	9	4	0	1	15	10	5	0	3	1	0	3	8	9	2	
	9	1014.6	+2.1	9.2	0.9	10.3	87	6.4	1	1	5	16	8	0	1	0	0	0	3	5	4	9	4	5	0	1	11	14	5	0	3	0	1	2	12	7	1	
	15	1013.4	-	11.4	1.7	10.8	79	6.2	0	3	7	8	13	0	0	0	0	0	0	7	5	7	4	8	0	1	16	13	1	1	3	1	0	3	10	11	1	
	21	1013.5	-	9.6	1.0	10.5	86	6.0	1	4	5	6	15	0	0	0	0	0	0	8	5	7	5	6	1	3	9	14	4	2	2	2	1	2	11	7	0	
Salsburgh [Lanark]																																						
	9	-	-	7.5	0.4	9.9	93	6.4	0	4	4	5	15	3	0	1	3	2	1	7	9	8	0	0	0	2	17	12	0	1	0	3	1	4	12	10	0	
	15	-	-	9.7	1.2	10.4	85	6.5	0	0	8	8	15	0	0	0	0	1	3	3	10	14	0	0	0	6	15	10	0	1	1	1	0	4	12	11	1	
	21	-	-	7.5	0.5	9.8	92	5.9	0	6	5	3	16	1	0	0	1	1	0	3	3	17	5	1	2	4	10	14	1	1	1	1	2	3	13	9	0	
Prestwick [Ayr]																																						
	21	3	1014.2	-	9.1	1.0	10.1	86	5.8	0	4	6	11	10	0	0	0	0	0	5	5	13	7	1	0	3	11	16	1	2	0	3	3	2	5	12	3	
	9	1015.0	+2.5	9.9	1.2	10.5	84	5.7	0	6	5	12	8	0	0	0	0	0	0	2	10	11	4	4	0	2	10	18	1	3	0	3	2	4	7	5	6	
	15	1013.9	-	11.7	1.8	11.0	78	6.3	0	1	10	7	13	0	0	0	0	0	0	2	8	12	6	3	0	2	17	11	1	1	1	0	1	4	7	9	7	
	21	1014.1	-	9.9	1.1	10.6	86	6.2	0	2	8	9	12	0	0	0	0	0	0	4	9	8	9	1	0	3	11	17	0	1	0	3	6	0	7	9	5	
Eskdalemuir [Dumfries]																																						
	237	3	1014.5	-	6.9	0.8	9.0	88	6.4	2	2	3	5	19	0	0	1	0	1	2	7	6	6	4	3	0	3	9	10	9	1	0	1	0	2	9	6	3
	9	1015.2	+2.3	8.0	0.9	9.5	87	6.3	1	3	4	9	14	0	0	0	0	1	2	0	11	9	5	3	0	3	10	8	10	3	0	0	0	3	7	6	2	
	15	1014.4	-	10.2	1.5	10.2	80	6.2	0	3	6	9	13	0	0	0	0	0	0	3	9	8	9	2	0	6	11	13	1	1	1	0	0	5	12	9	4	
	21	1014.4	-	7.7	0.9	9.4	87	5.5	1	4	9	4	13	0	0	0	0	2	3	3	7	7	7	2	0	5	11	6	9	2	0	0	0	1	9	4	6	
Mull of Galloway [Wigtown]																																						
	79	3	1015.1	-	10.2	1.1	10.7	84	4.8	4	5	8	3	11	0	0	0	0	0	0	3	6	8	14	2	7	13	7	2	3	0	2	2	9	3	5	5	
	9	1015.8	-	10.3	1.2	10.8	85	5.0	1	8	6	7	9	0	0	0	0	0	1	1	5	3	18	3	0	7	14	9	1	6	0	0	1	10	5	6	2	
	15	1014.9	-	11.2	1.5	11.0	82	6.3	1	2	6	6	16	0	0	0	0	0	0	0	8	5	15	3	1	11	13	4	2	4	1	1	0	12	2	5	4	
	21	1014.9	-	10.6	1.2	11.0	84	5.5	4	5	2	6	14	0	0	0	0	0	1	0	1	6	13	10	2	6	14	7	2	3	1	1	0	8	6	8	2	
6b. ISLE OF MAN																																						
Ronaldsway																																						
	21	3	1016.2	-	10.5	1.2	11.0	85	5.5	2	5	5	9	9	1	0	0	1	0	1	3	2	7	11	6	0	5	12	13	1	5	2	1	1	2	8	7	4
	9	1016.9	+3.1	11.3	1.3	11.5	84	6.1	0	3	5	15	8	0	0	0	0	0	1	6	2	6	9	7	0	4	14	13	0	1	0	4	3	2	8	9	4	
	15	1016.1	-	12.2	1.6	11.6	81	6.0	1	4	4	10	12	0	0	0	0	0	0	6	4	4	8	9	0	3	15	13	0	2	2	2	1	3	11	6	4	
	21	1016.3	-	10.9	1.1	11.3	85	6.1	1	2	7	8	13	0	0	0	0	1	1	4	2	9	7	7	0	5	11	15	0	2	1	6	0	1	8	9	4	
Point of Ayre																																						
	9	3	1015.6	-	10.6	0.9	11.5	89	5.2	2	4	10	6	9	0	0	0	0	0	0	3	4	2	7	15	1	7	15	8	0	3	0	0	4	2	8	11	3
	9	1016.3	-	11.1	1.0	11.7	87	5.8	0	1	13	8	9	0	0	0	0	0	1	3	2	5	10	10	1	8	17	5	0	3	0	0	3	5	5	11	4	
	15	1015.5	-	12.0	1.1	12.3	86	6.5	0	2	5	11	13	0	0	0	0	0	0	4	2	6	10	9	1	7	18	3	2	2	1	1	2	3	5	10	5	
	21	1015.7	-	10.9	0.9	11.7	89	5.7	1	3	10	5	12	0	0	0	0	0	0	2	4	5	9	11	3	5	12	10	1	2	1	1	4	1	3	12	6	
2. ENGLAND, N.E.																																						
Acklington [Northumberland]																																						
	46	3	1014.0	-	7.7	0.8	9.5	89	5.3	4	5	3	7	11	1	0	1	1	0	2	3	3	4	7	10	0	5	7	16	3	3	0	1	1	4	3	13	3
	9	1014.8	+2.0	9.1	1.1	10.2	85	5.9	0	4	5	14	6	2	0	2	0	2	0	4	4	6	4	9	0	4	7	15	5	3	0	0	1	4	3	7	9	4
	15	1013.9	-	11.5	1.9	10.5	76	6.2	0	5	3	12	10	1	0	1	0	0	1	3	5	6	8	7	1	4	13	13	0	4	0	1	3	4	6	11	2	
	21	1013.8	-	8.6	0.9	10.0	89	4.8	3	8	5	5	8	2	1	1	0	0	4	1	3	3	15	3	2	3	10	11	5	1	1	0	0	0	4	18	2	
Tynemouth [Northumberland]																																						
	40	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	9	1015.2	+2.0	9.7	1.2	10.2	83	6.1	1	2	7	5	15	1	0	1	0	0	6	3	11	5	5	0	0	3	14	11	3	1	0	0	1	5	7	10	4	
	15	1014.4	-	11.8	2.2	10.3	74	6.4	0	1	7	14	8	1	1	0	0	0	3	4	6	10	7	0	0	5	13	11	2	3	0	3	2	4	3	12	2	
	21	1014.7	-	10.1	1.4	10.4	82	4.9	2	6	9	6	6	2	0	0	0	0	2	2	10	12	3	0	0	4	12	11	4	0	0	1	0	4	6	12	4	
Seahouses [Northumberland]																																						
	12	3	1013.8	-	8.3	1.0	9.5	86	5.1	2	9	2	6	11	1	1	0	0	1	2	0	4	12	9	2	2	4	7	17	1	1	0	1	0	8	4	14	2
	9	1014.5	-	9.5	1.1	10.2	85	6.2	0	5	3	12	9	2	0	1	2	1	1	0	4	5	11	6	2	3	8	17	1	2	0	0	0	10	5	10	3	
	15	1013.7	-	11.5	1.8	10.7	78	6.2	0	3	6	10	11	1	1	0	0	1	2	2	4	7	7	7	1	3	17	10	0	5	0	1	3	4	7	8	3	
	21	1013.5	-	9.5	1.1	10.3	86	5.0	3	8	3	5	10	2	0	0	0	1	1	1	5	12	8	1	3	2	8	17	1	1	0	0	2	5	10	12	0	
Leeming [Yorks, N.Riding]																																						
	33	3	1015.7	-	8.7	1.2	9.7	84	4.9	7	2	3	9	8	2	1	2	0	1	2	4	2	2	8	9	0	2	12	14	3	2	1	1	0	9	3	8	4
	9	1016.7	+2.6	9.8	1.4	10.1	82	5.6	1	7	1	14	6	2	0	3	0	1	2	1	4	5	7	8	0	3	9	18	1	2	0	0	1	10	5	8	4	
	15	1015.8	-	13.0	2.9	10.2	68	5.5	0	5	7	10	9	0	0	0	0	1	0	2	5	7	8	8	0	3	15	13	0	2	0	0	0	6	5	8	10	
	21	1015.9	-	9.9	1.4	10.2	82	4.8	4	5	6	6	9	1	0	0	1	2	1	3	5	2	11	6	0	4	9	15	3	2	1	0	0	6	6	9	4	
Whitby C.G. [Yorks, N.Riding]																																						
	66	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	9	1015.4	-	9.8	1.1	10.5	85	5.6	1	4	7	8	10	1	0	1	0	0	0	1	7	11	9	2	3	5	8	14	1	2	0	0	2	9	4	9	4	
	15	1015.1	-	12.2	2.2	10.7	75	6.1	0	2	8	9	11	1	0	1	0	0	0	0	5	16	9	0	1	5	13	9	3	3	0	1	1	3	11	3	6	
	21	-	-																																			

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS

OCTOBER,

1970

Height of Barometer above M.S.L. in metres	Hour of Observation (GMT)	MEAN PRESSURE IN mbs		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)						VISIBILITY (Metres and Kilometres)								WIND SPEED AND DIRECTION																				
		At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	MEAN	0	1-2	3-5	6-7	8	9	0-39 m.	40-190 m.	200-390 m.	400-590 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.					
																									8 or more	4, 7	4, 5	1, 3	Calms													
																																						SPEED IN KNOTS				
																																						34 or more	22-33	11-21	1-10	0
Number of Observations																																										
3. ENGLAND, E.—contd.																																										
Honington [Suffolk]																																										
51	3	1017.5	-	9.1	1.1	10.2	86	4.9	8	2	3	6	10	2	0	2	0	2	0	7	5	10	5	0	0	1	11	17	2	2	1	2	1	2	8	11	2					
	9	1018.4	+3.1	10.3	1.3	10.7	84	5.7	1	6	2	12	8	2	0	1	1	1	1	5	11	7	2	2	0	1	13	15	2	2	1	3	1	2	7	9	4					
	15	1017.7	-	14.1	3.3	10.7	66	6.0	2	2	4	14	9	0	0	0	0	0	0	2	7	10	11	1	0	0	18	13	0	1	0	4	2	3	7	11	3					
	21	1018.0	-	10.6	1.5	10.7	82	5.7	4	5	0	5	16	1	0	1	0	0	0	5	8	10	7	0	0	0	14	16	1	0	1	4	1	2	12	6	4					
Wattisham [Suffolk]																																										
91	3	1017.8	-	9.2	0.9	10.6	89	5.3	6	3	4	3	14	1	0	1	0	1	1	7	11	8	2	0	0	1	11	19	0	3	1	3	2	2	3	13	4					
	9	1018.7	-	10.5	1.1	11.1	86	5.8	1	4	4	14	7	1	0	1	0	0	1	8	8	8	4	1	0	2	13	16	0	2	1	2	2	1	9	9	5					
	15	1018.1	-	13.7	2.8	11.0	69	5.9	0	4	4	16	7	0	0	0	0	0	0	4	8	9	10	0	0	1	17	13	0	2	0	3	3	4	3	11	5					
	21	1018.4	-	10.6	1.3	10.9	84	5.5	6	2	3	6	13	1	0	1	0	0	0	6	9	12	3	0	0	0	16	14	1	2	0	3	4	1	8	9	3					
Aldeburgh [Suffolk]																																										
9	3	1018.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
	9	1018.2	-	-	-	-	-	5.2	0	8	6	7	10	0	0	0	0	2	3	1	11	14	0	0	0	1	14	14	2	1	0	2	2	0	4	13	7					
	15	1018.2	-	-	-	-	-	5.6	1	3	8	11	8	0	0	0	0	0	1	3	12	14	1	0	0	2	16	13	0	2	0	5	1	3	6	10	4					
	21	1018.5	-	-	-	-	-	4.7	9	3	2	3	14	0	0	1	0	0	0	0	13	17	0	0	0	4	13	14	0	0	1	6	0	1	7	11	5					
Wyton [Hunts]																																										
43	3	1017.7	-	9.3	1.0	10.4	87	4.7	5	5	5	5	10	1	0	2	0	2	1	4	7	10	5	0	0	0	10	19	2	2	0	2	1	13	6	3						
	9	1018.8	-	10.2	1.3	10.7	85	5.5	2	6	3	11	7	2	0	1	0	2	1	8	6	8	4	1	0	1	10	17	3	2	0	2	1	2	11	5	5					
	15	1017.9	-	14.4	3.2	11.1	66	6.2	1	2	4	16	7	1	0	0	1	0	0	1	9	10	7	3	0	2	13	14	2	3	1	1	2	3	7	10	2					
	21	1018.3	-	10.9	1.6	10.8	80	5.1	6	2	5	9	9	0	0	0	0	0	2	4	7	12	6	0	0	1	12	17	1	0	1	4	1	2	14	5	3					
Cardington [Bedford]																																										
29	3	1018.1	-	8.3	0.8	10.2	90	5.0	7	1	8	2	12	1	0	3	0	2	4	3	6	7	5	1	0	2	9	20	0	1	2	3	0	1	11	10	3					
	9	1019.0	+3.6	10.3	1.1	11.0	87	5.5	2	5	5	8	10	1	0	1	1	1	2	7	5	6	7	1	0	1	11	18	1	1	2	3	0	0	13	5	6					
	15	1018.1	-	14.5	3.1	11.2	67	6.3	0	3	5	13	10	0	0	0	0	0	1	2	7	10	10	1	0	1	16	14	0	3	3	2	1	0	8	11	3					
	21	1018.7	-	10.1	1.2	10.8	85	4.9	6	5	2	7	11	0	0	0	0	0	2	3	10	9	7	0	0	1	13	17	0	0	1	5	1	0	9	12	3					
Stansted [Essex]																																										
102	3	1018.4	-	9.0	0.8	10.5	88	4.6	9	2	5	2	12	1	0	1	0	1	2	5	7	11	4	0	0	0	9	15	7	1	1	1	0	1	12	4	4					
	9	1019.2	+3.4	10.6	1.2	11.1	85	5.5	2	4	4	14	7	0	0	0	0	1	3	3	11	5	6	2	0	0	11	17	3	2	0	4	0	3	10	6	3					
	15	1018.4	-	14.0	3.0	11.0	68	5.8	1	3	6	13	8	0	0	0	0	0	1	3	4	9	11	3	0	1	13	16	1	2	1	4	2	4	6	10	1					
	21	1019.0	-	10.4	1.3	10.8	83	5.0	6	4	3	6	12	0	0	0	0	0	1	3	6	13	8	0	0	0	12	18	1	0	2	5	0	3	12	4	4					
Shoeburyness [Essex]																																										
5	9	1019.0	+3.0	11.8	1.4	11.7	83	5.7	0	5	6	12	7	1	0	0	0	1	3	4	12	3	5	3	0	1	14	13	3	2	0	3	1	2	6	8	6					
	15	1018.3	-	14.4	2.6	12.0	72	5.7	0	2	7	15	7	0	0	0	0	0	1	2	11	5	11	1	0	0	16	15	0	2	1	7	0	2	7	8	4					
	21	1018.8	-	11.5	1.3	11.6	84	5.1	3	6	4	6	12	0	0	1	0	0	1	4	8	10	6	1	0	1	16	13	1	1	0	5	1	1	11	7	4					
Walton-on-Naze [Essex]																																										
8	3	1017.9	-	10.8	1.4	10.9	82	4.2	10	3	4	3	11	0	0	0	1	1	0	2	10	17	0	0	0	2	14	13	2	2	0	3	2	1	2	11	8					
	9	1018.8	-	11.9	1.8	11.1	78	5.4	0	6	9	8	8	0	0	0	0	1	2	4	13	10	1	0	0	0	14	15	2	1	1	2	2	0	3	9	11					
	15	1018.3	-	14.2	2.6	11.7	71	5.5	0	2	16	5	8	0	0	0	0	1	3	11	16	0	0	0	2	16	13	0	2	0	7	0	0	9	7	6						
	21	1018.6	-	11.8	1.6	11.4	81	5.4	2	4	8	6	11	0	0	0	0	1	1	2	9	18	0	0	0	2	17	12	0	1	0	4	3	0	2	15	6					
4. MIDLAND COUNTIES																																										
Huddersfield Oakes [Yorks. W.R.]																																										
235	3	1016.3	-	7.0	0.9	8.7	85	5.1	7	2	3	9	8	2	1	1	1	3	0	3	8	4	9	1	1	2	10	10	8	2	0	0	1	2	5	8	5					
	9	1017.2	+2.9	9.1	1.0	10.2	87	5.5	4	3	4	7	9	4	2	2	0	2	1	1	8	10	5	0	0	1	12	14	4	3	1	1	1	1	5	14	1					
	15	1016.8	-	11.4	1.9	10.6	77	6.1	0	1	10	10	9	1	1	0	1	0	1	1	10	9	8	0	0	2	10	16	3	2	1	0	2	0	7	11	5					
	21	1016.8	-	8.6	0.7	10.2	89	5.1	3	5	5	8	10	0	0	0	1	1	1	3	6	10	9	0	2	2	7	13	7	2	1	0	0	0	7	12	2					
Watnall [Nottingham]																																										
119	3	1017.3	-	8.5	0.7	10.4	91	5.0	8	1	2	10	10	0	0	0	1	2	4	3	11	8	2	0	0	0	9	18	4	1	4	1	0	1	10	10	0					
	9	1018.3	+3.3	9.9	1.0	10.8	86	5.5	1	6	5	9	8	2	0	1	2	2	4	5	5	11	1	0	0	0	12	16	3	2	2	2	0	0	9	11	2					
	15	1017.4	-	12.9	2.4	10.9	72	5.9	1	4	4	14	8	0	0	0	0	0	2	3	8	11	7	0	0	0	15	16	0	3	2	1	2	8	11	2						
	21	1017.6	-	9.9	1.0	10.8	87	4.8	5	6	1	10	9	0	0	0	1	1	4	4	8	13	0	0	0	0	10	16	5	0	3	2	0	0	7	11	3					
Finningley [Nottingham]																																										
14	3	1016.4	-	9.0	0.9	10.4	88	5.1	8	1	3	8	9	2	0	1	0	4	0	4	10	1	6	5	0	2	6	18	5	0	1	1	2	4	6	7	5					
	9	1017.4	+3.0	10.5	1.4	10.7	83	5.1	3	4	5	12	7	0	0	0	1	6	3	1	6	8	6	0	0	1	16	10	4	1	1	1	1	5	4	7	4					
	15	1016.4	-	14.0	2.9	11.1	68	5.9	0	5	4	15	7	0	0	0	0	0	0	5	4	10	11	1	0	3	13	13	2	3	1	1	1	3	9	7	4					
	21	1016.7	-	10.4	1.3	10.8	84	4.7	7	3	5	7	9	0	0	0	0	1	0	7	11	7	3	2	0	3	6	16	6	2	0	2	0	4	6	8	3					
Wittering [Northampton]																																										
67	3	1017.4	-	8.9	0.9	10.4	88	4.5	4	8	6	3	8	2	0	2	0	2	2	4	9	8	3	1	0	0	13	17	1	1	1	2	1	1	8	10	6					
	9	1018.4	+3.2	10.3	1.2	10.7	84	5.1	2	7	3	9	9	1	0	2	0	1	2	3	7	10	3	3	0	3	15	13	0	3	0	2	1	4	5	11	5					
	15	1017.5	-	14.0	3.0	11.1	68	5.7	1	4	5	15	6	0	0	0	1	1	2	5	7	9	6	0	2	15	13	1	3	2	1	1	2	5	13	3</						

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS OCTOBER, 1970

Height of Barometer above M.S.L. in metres	Hour of Observation (GMT)	MEAN PRESSURE IN mbs		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktaa)					VISIBILITY (Metres and Kilometres)										WIND SPEED AND DIRECTION														
		At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	Mean	0	1-2	3-5	6-7	8	9	0-39 m.	40-190 m.	200-390 m.	400-590 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
																									SPEED IN KNOTS												
																									0 or less	1-5	6-10	11-15	16 or more								
																									0	1	2	3	4								
Number of Observations																																					
7a ENGLAND, N.W.																																					
Ringway [Cheshire]																																					
84	3	1017.2	-	9.3	1.0	10.3	86	5.6	3	3	7	7	11	0	0	0	0	2	7	8	10	3	1	0	1	6	21	3	2	0	2	3	13	2	3	3	
	9	1018.1	+8.7	10.3	1.4	10.4	81	5.5	0	6	5	14	5	1	0	1	0	0	1	9	8	12	0	0	0	0	16	12	3	0	0	3	1	7	6	7	4
	15	1017.2	-	12.9	2.5	10.7	70	5.9	0	4	6	15	6	0	0	0	0	0	1	5	7	14	4	0	0	0	16	14	1	2	0	2	1	4	8	10	3
	21	1017.4	-	10.5	1.3	10.7	82	6.1	1	5	3	6	16	0	0	0	0	1	10	10	7	3	0	0	0	0	11	19	1	2	0	3	2	10	5	5	3
7b NORTH WALES																																					
Valley [Anglesey]																																					
11	3	1017.5	-	10.5	1.0	11.2	87	5.5	2	3	8	7	11	0	0	0	0	1	1	1	8	8	12	0	2	6	12	7	4	3	0	2	0	2	7	6	7
	9	1018.2	+4.2	11.4	1.2	11.7	86	6.3	0	2	7	14	9	0	0	0	0	1	2	4	10	11	3	2	8	12	8	1	3	1	3	2	4	7	7	3	
	15	1017.4	-	13.2	1.5	12.6	82	6.1	0	2	7	12	10	0	0	0	0	0	1	8	6	11	5	3	10	11	7	0	3	2	0	0	4	15	3	4	
	21	1017.7	-	11.2	1.0	11.9	88	5.9	1	1	10	7	12	0	0	1	0	1	0	1	9	10	7	2	2	10	9	8	2	2	0	4	1	1	11	6	4
Bardsey Island [Caernarvon]																																					
19	3	1017.9	-	12.1	0.9	12.7	90	5.9	4	2	4	3	18	0	0	0	0	0	0	11	13	6	1	2	7	13	6	3	2	1	2	3	2	3	10	5	
	9	1018.6	-	12.0	0.9	12.5	88	6.5	1	0	6	11	13	0	0	0	0	0	0	4	11	8	1	1	8	12	8	2	4	0	2	5	3	3	8	4	
	15	1017.9	-	13.2	1.2	13.2	87	6.6	0	1	5	14	11	0	0	0	0	0	0	5	12	9	5	1	10	12	8	2	5	1	1	1	2	8	7	4	
	21	1018.1	-	12.3	0.8	13.0	90	5.7	2	2	7	7	13	0	0	0	0	0	0	8	14	7	2	4	5	12	9	1	3	0	2	3	1	8	9	4	
8a SOUTH WALES																																					
Aberporth [Cardigan]																																					
134	3	1018.6	-	10.3	1.0	11.1	87	5.4	4	5	2	7	13	0	0	0	0	0	5	10	8	8	0	0	6	16	8	1	3	0	0	3	8	5	6	5	
	9	1019.3	+4.6	10.9	1.1	11.4	86	6.4	0	5	1	14	11	0	0	0	1	0	2	11	8	7	2	1	6	14	10	0	3	1	1	2	5	6	6	7	
	15	1018.7	-	12.3	1.7	11.5	79	6.0	0	5	2	15	9	0	0	0	0	1	1	5	15	5	4	0	5	18	8	0	5	0	1	1	5	7	8	4	
	21	1019.1	-	10.6	1.1	11.1	85	4.9	3	6	7	6	9	0	0	0	0	0	1	10	10	7	3	0	5	16	10	0	3	1	0	0	8	7	9	3	
Milford Haven C.B. [Pembroke]																																					
39	3	1019.5	-	11.2	0.8	12.1	89	5.3	7	2	3	4	15	0	0	0	0	0	1	15	10	5	0	0	3	11	14	3	3	0	4	2	1	6	7	5	
	9	1020.0	+4.9	11.8	1.2	12.0	85	6.5	1	0	6	10	14	0	0	0	0	0	3	14	9	5	0	0	3	10	17	1	2	3	3	1	2	5	10	4	
	15	1019.7	-	13.4	1.8	12.3	79	6.1	0	1	11	6	13	0	0	0	0	0	1	15	9	6	0	0	4	14	13	0	2	1	4	2	1	8	10	3	
	21	1019.9	-	11.8	1.0	12.3	88	5.2	5	3	5	5	13	0	0	0	0	0	1	17	8	5	0	0	2	14	13	2	2	1	6	0	1	6	9	4	
Brynamman [Carmarthen]																																					
9	3	1019.9	-	10.0	0.4	11.7	94	6.1	0	5	5	8	12	1	0	0	1	2	7	3	9	5	4	0	0	6	18	7	0	1	0	5	0	1	13	4	
15	3	1019.9	-	10.0	0.4	11.7	94	6.1	0	5	5	8	12	1	0	0	1	2	7	3	9	5	4	0	0	6	18	7	0	1	0	5	0	1	13	4	
21	3	1019.9	-	10.0	0.4	11.7	94	6.1	0	5	5	8	12	1	0	0	1	2	7	3	9	5	4	0	0	6	18	7	0	1	0	5	0	1	13	4	
Mumbles [Glamorgan]																																					
37	3	1018.6	-	11.4	1.0	11.9	87	6.4	3	1	2	8	17	0	0	0	0	1	0	11	5	13	1	0	7	11	13	0	3	2	6	0	1	6	8	5	
	9	1019.4	-	11.7	1.2	11.9	85	6.4	1	2	3	13	11	1	0	0	1	0	1	6	13	3	7	0	1	5	12	10	3	3	1	7	1	0	6	7	3
	15	1018.9	-	13.1	1.8	12.2	80	6.2	2	1	7	8	13	0	0	0	1	1	4	11	2	11	1	0	10	11	10	0	1	0	5	0	2	9	8	6	
	21	1019.2	-	12.0	1.3	12.1	85	5.6	4	2	5	6	14	0	0	0	0	2	3	8	3	13	2	1	8	8	13	1	2	2	5	0	0	7	13	1	
Rhoose [Glamorgan]																																					
69	3	1019.3	-	9.9	0.6	11.5	91	5.5	4	4	3	3	16	1	0	1	0	3	2	9	5	11	0	0	2	11	15	3	0	5	2	0	1	5	13	2	
	9	1020.0	+4.1	11.0	1.0	11.7	88	6.0	1	5	3	9	12	1	0	0	1	4	2	8	10	5	0	0	2	14	15	0	1	6	4	1	0	6	8	5	
	15	1019.4	-	13.0	1.8	12.0	79	6.0	1	5	3	9	13	0	0	0	0	3	3	10	4	11	3	0	1	19	11	0	2	1	5	1	2	6	12	2	
	21	1019.9	-	10.6	0.9	11.6	89	5.6	2	5	5	6	13	0	0	1	0	1	6	6	7	9	1	0	2	14	13	2	0	3	3	0	1	6	11	5	
8b ENGLAND, S.W.																																					
Yeovilton [Somerset]																																					
23	3	1020.1	-	9.0	1.0	10.3	88	5.2	8	1	3	4	13	2	0	2	2	1	4	3	14	5	0	0	0	2	5	14	10	1	0	1	1	3	6	4	5
	9	1020.6	-	11.0	1.4	11.1	83	5.6	1	4	7	9	9	1	0	1	1	1	3	12	12	0	0	0	1	10	12	8	1	2	2	2	1	5	7	3	
	15	1020.0	-	14.2	2.7	11.6	71	6.0	0	2	8	14	7	0	0	0	0	2	1	12	12	4	0	0	1	16	12	2	3	2	2	2	4	3	8	5	
	21	1020.6	-	10.3	1.2	10.8	84	4.9	3	5	7	8	8	0	0	0	0	3	3	13	11	1	0	0	0	9	13	9	0	1	1	0	4	12	1	3	
Portland Bill [Dorset]																																					
54	3	1019.6	-	11.8	0.9	12.5	88	5.4	3	4	5	5	13	1	0	1	0	0	1	1	9	10	9	0	1	7	13	9	1	4	4	2	0	1	1	12	6
	9	1020.5	-	12.5	1.1	12.8	87	5.9	1	3	7	7	12	1	0	1	0	0	0	4	10	7	8	1	1	8	11	0	3	2	5	1	1	2	10	7	
	15	1020.0	-	13.7	1.8	12.7	80	5.7	0	3	8	11	9	0	0	0	0	1	2	9	9	9	1	0	9	12	10	0	3	1	6	1	0	2	12	6	
	21	1020.6	-	12.4	1.3	12.4	85	4.2	6	7	5	2	11	0	0	0	0	1	1	9	12	7	1	0	8	15	5	3	3	2	4	0	0	1	12	6	
Hartland Point [Devon]																																					
93	3	1020.6	-	11.6	1.0	12.1	88	5.6	4	2	5	5	14	1	0	0	1	0	5	18	5	1	2	10	6	12	1	3	2	3	0	5	2	11	4		
	9	1020.6	-	11.9	1.2	12.0	85	6.5	0	3	4	11	13	0	0	1	0	0	1	11	9	9	0	2	8	9	10	2	1	3	3	2	2	7	9		
	15	1020.3	-	12.8	-	-	-	5.8	1	3	7	11	9	0	0	0	0	0	1	9	10	10	1	2	8	11	9	1	4	2	4	1	0	1	14	4	
	21	1020.8	-	11.9	1.2	12.1	86	5.1	1	5	11	4	10	0	0	0	0	0	1	10	9	9	2	3	11	9	6	2	2	0	4	3	1	0	15	4	
Mount Batten [Devon]																																					
30	3	1020.7	-	10.5	0.7	11.8	92	4.8	5	5	6	3	12	0	0	0	0	2	4	10	12	3	0	0	1	12	15	3	3	1	7	1	1	3	10	2	
	9	1021.4	+5.4	11.6	1.0	12.1	88	6.2	1	4	2	13	10	1	0	1	0	0	1	6	8	10	5	0	0	3	9	15	4	3	1	3	2	2	6	4	
	15	1020.9	-	13.4	1.6	12.7	82	6.2	0	3	6	12	10	0	0	0	0	0	3	10	7	9	2	0	3	13	15	0	4	0	5	3	0	9	6	4	
	21	1021.5	-	11.2	0.8	12.1	90	4.8	4	7	2	8	10	0	0	0																					

TABLE II—ADDITIONS OCTOBER, 1970

DISTRICT COUNTY AND PLACE			HEIGHT OF VANE IN METRES			DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED										Mean Hourly Wind Speed in knots	HIGHEST VELOCITIES					
			Above Mean Sea Level	Above ground	Effective Height	34 Knots or more (Gale force)				22 to 33 knots		11 to 21 knots	4 to 10 knots	Less than 4 knots	No Record		HIGHEST HOURLY WIND			HIGHEST GUST		
						Dates of Occurrence	Dura- tion (hr)	No.of days	Duration in Hours				Veer from N	Speed in knots	Hour ended at day hour		Veer from N	Speed in knots	Day and Time			
0	Inverness	Dalcross	19	10	10	-	0	7	50	328	225	137	4	10.8	260	31	18	21	270	61	18	2000
4	Notts	Watnall	130	13	10	-	0	3	7	240	378	119	0	8.6	250	23	19	02	280	45	2	0310
7b	Merioneth	Trawsfynydd	194	10	10	-	0	9	54	278	316	96	0	10.6	230	33	31	17	230	56	31	1715
8	Pembroke	RAE, Aberporth	144	10	10	20	4	17	153	362	198	27	0	15.1	350	35	20	08	350	53	20	0605
9	Londonderry	Coleraine Univ.	23	10	10	31	4	9	98	363	224	55	0	13.2	240	40	31	21	250	61	31	2045

TABLE III—ADDITIONS AND CORRECTIONS

YEAR	MONTH	STATION	Max. Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days												BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
					MEANS OF		Daily Mean (mean of A & B)	Difference from 1931—60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1910—50 average	MOST IN A DAY		Precip'n		Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C.	Concrete min. below 0°C.	Gale	Daily Mean (hr.)	Percentage of 1931—60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
					Max. (A)	Min. (B)			Maximum	Date	Minimum	Date					Amount (mm.)	Date																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
					30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 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Monthly Weather Report

OF THE METEOROLOGICAL OFFICE

Summary of observations compiled from returns of official stations and voluntary observers.

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November 1970 — *Very changeable; some heavy rain and strong winds*

Depressions and troughs of low pressure dominated the weather over the British Isles. A number of intense depressions crossed the country, notably on the 3rd over Scotland and northern England, and from the 17th to 20th over England and Wales.

Weather — It was very changeable with strong winds and heavy rain at times. Gales, severe in some coastal areas, caused damage in places and heavy rain led to local flooding at times. Precipitation fell on every day in the north of Scotland and snow or sleet occurred at times in the northern half of the country and also farther south around mid-month.

Wind — Gales occurred more frequently than average in many coastal areas. Outstanding in a generally windy month were the gales on the 3rd which caused damage in widely separated areas. The gales were most severe in northern districts, especially in northern England where a number of vehicles were blown over, but they occurred also in other areas and gusts in excess of 50 kt were recorded as far south as Wiltshire. A gust of 130 kt was registered by an anemometer on Snaefell (Isle of Man), height 620 metres, but the highest gust recorded by an anemograph was 102 kt at Great Dun Fell (Westmorland), 857 metres - the highest November gust recorded here since records began in 1962. At lower levels a gust of 80 kt was recorded at Durham; this is the highest November gust here since records commenced in 1937 although no record is available for 1960. Hourly mean wind speeds of over 40 kt occurred widely and new November record wind speeds were established at some places. Other windy periods during the month in addition to the 3rd included the 1st in Scotland, Northern Ireland and northern England, the 8th in the north and north-west of the country and the 17th to 20th in southern England.

Temperature — Monthly mean temperature varied from about 1 degC below average in the north to around 1 degC above average in the south. Temperature levels fluctuated during the month which began and ended much milder than average. On the 25th, Chivenor (Devon) had its warmest November day (17.0°C) since continuous records began in 1949. Notable maxima during the month included: 17.3°C at Exeter on the 2nd; 17.2°C at Prestatyn (Flintshire) on the 24th; 15.3°C at Kilkeel (Co. Down) on the 2nd and at Kildonan (Buteshire) on the 25th.

The coolest period was the 13th to 17th, especially in Scotland, Northern Ireland and northern England where air frost was widespread at night. Among the lowest minima recorded were the following: -8.3°C at Braemar and Balmoral (both in Aberdeenshire) on the 14th; -6.1°C at Grendon Underwood (Buckinghamshire) on the 16th and at Santon Downham (Norfolk) on the 16th; -4.2°C at Knockmany Forest (Co. Tyrone) on the 14th; -3.3°C at Usk (Monmouthshire) on the 16th.

Rainfall — Although small rainfall deficits occurred here and there, most areas had above average rainfall and more than twice the average was recorded at a few places in north Scotland, Wales and, notably, over most of England south and east of a line from the Wash to the Bristol Channel. More than 250 per cent of average occurred locally: at Ryde (Isle of Wight) the rainfall total of 234 mm was the highest for any month in records which go back to 1910, and a number of other localities in southern England had their wettest November since 1940.

Belts of frontal rain frequently crossed the country. Rainfall was heavy in western and northern districts on the first 2 days and

heavy 'daily' rainfall totals (that is during the 24 hours commencing 0900 GMT) included 84 mm at Clydach (Glamorgan) on the 1st and 50 mm at Greenock (Renfrewshire) on the 2nd. South Wales and south west England had heavy rain on the 6th and 68 mm fell at Cwmbran (Monmouthshire). Thundery rain spread across England and Wales on the 13th and 14th and these regions were very wet again during the period 17th to 19th. On the 23rd rain was persistent in some north-western areas; Rydal (Westmorland) recorded a 'daily' fall of 77 mm on the 23rd during a spell of 30 hours continuous rainfall which commenced in the early hours of the 23rd. Some of the depressions and troughs of low pressure during the month were thundery; lightning damaged a church on the Isle of Wight on the 13th and houses in north-west London on the 29th.

Snow — The frequency of snowfall was about average and amounts were generally small except on high ground. Snow was widespread in Scotland towards the end of the second week and affected areas farther south on the 12th and around the 16th. Sleet occurred in East Anglia and on the moors in south-west England on the 15th/16th. Snow did not lie to any extent except on high ground; the peaks of the Scottish Highlands were snow-covered for most of the month.

Sunshine — Most areas had above average amounts of sunshine. Excesses were mainly small but there were a few notable exceptions: London Weather Centre, Glasgow (Springburn) and Lerwick Observatory respectively recorded 159, 144 and 140 per cent of average sunshine.

Fog — Morning fog patches occurred on a few days during the second and third weeks and fog was slow to clear on the 14th. Many areas had fog at times during the last 5 days. It was especially widespread and dense on the 26th and persisted all day in parts of eastern England; air traffic was halted for a time at major airports in England and Scotland.

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

TABLE I—DISTRICT VALUES, November 1970

DISTRICTS	AIR TEMPERATURE °C					EARTH TEMP. °C		RAIN DAYS	RAIN-FALL	SUN-SHINE
	*Highest Max.	*Lowest Min.	Max.	Min.	Mean	Mean 30 cm.	Mean 122 cm			
						Difference from Average				
0 SCOTLAND, N.	12.8	-3.0	-0.8	-1.1	-0.9	-0.4	+0.1	+4	152	106
1 SCOTLAND, E.	13.9	-2.2	-0.4	-0.1	-0.3	+0.1	-0.2	+6	139	107
2 ENGLAND, N.E.	15.6	-4.4	+0.4	0.0	+0.2	+0.8	+1.0	+4	144	114
3 ENGLAND, E.	16.3	-2.2	+1.0	+0.9	+0.9	+0.9	+0.4	+5	210	105
4 MIDLANDS	17.0	-3.3	+1.1	+1.0	+1.1	+1.0	+0.6	+6	193	109
5 ENGLAND, S.E.	16.6	-2.8	+1.5	+1.3	+1.4	+0.6	+0.5	+4	223	105
6 SCOTLAND, W.	14.3	-5.8	-0.1	0.0	0.0	+0.3	0.0	+5	136	112
7 ENGLAND, N.W and N. Wales	16.1	-2.2	+0.4	+0.7	+0.5	+1.1	+0.6	+7	174	101
8 ENGLAND, S.W. and S. Wales	17.2	-1.7	+1.2	+1.1	+1.2	+1.1	+0.7	+6	177	91
N. IRELAND	14.0	-3.3	0.0	+0.1	0.0	-	-	+5	129	115
SCOTLAND	14.3	-5.8	-0.5	-0.4	-0.4	-	-	+5	135	108
ENG. and WALES	17.2	-4.4	+0.9	+0.8	+0.9	-	-	+5	186	104

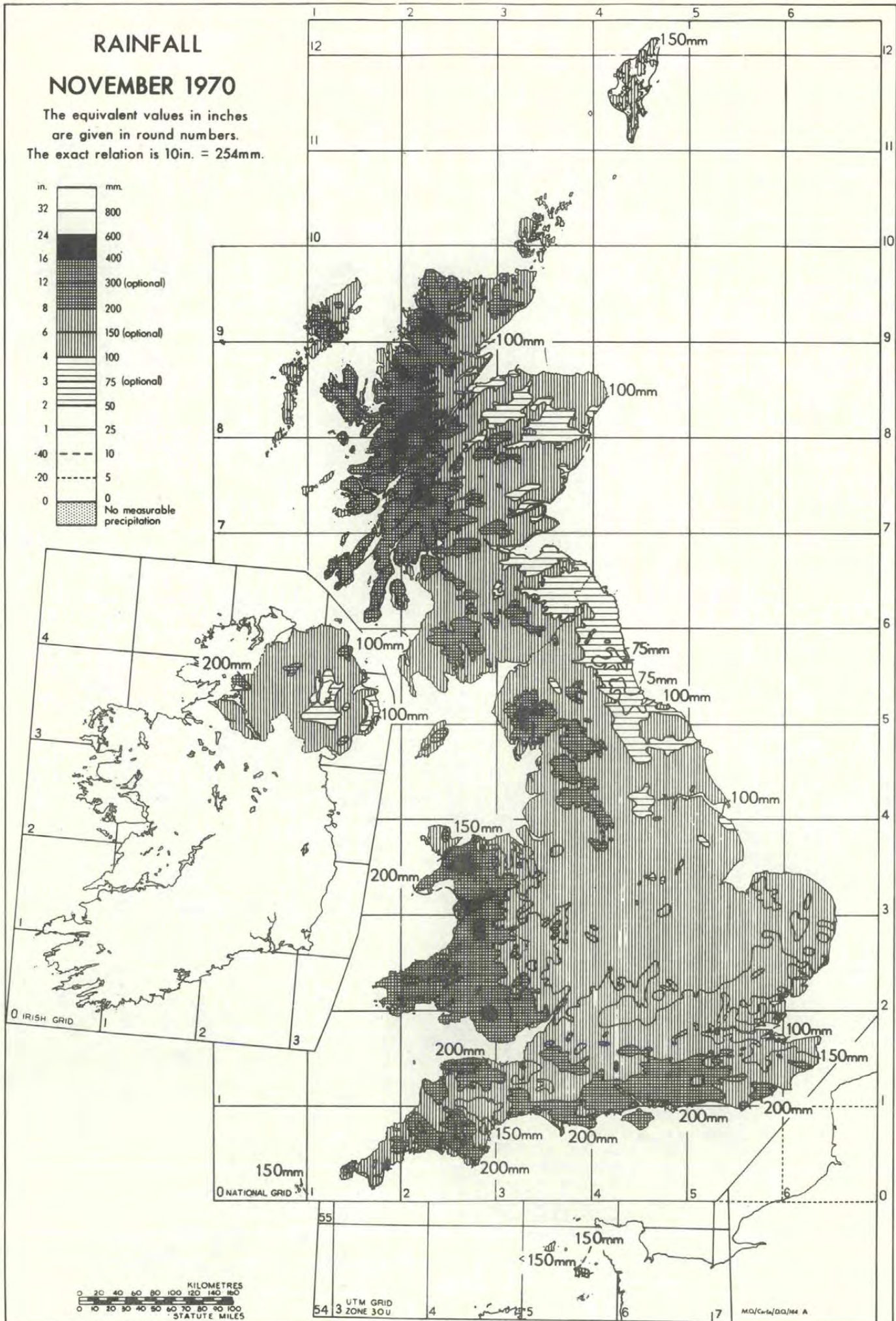
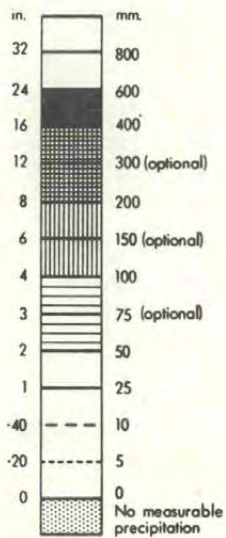
*Highest Max. and Lowest Min. of the District Value Stations.

6434

RAINFALL

NOVEMBER 1970

The equivalent values in inches are given in round numbers.
The exact relation is 10in. = 254mm.



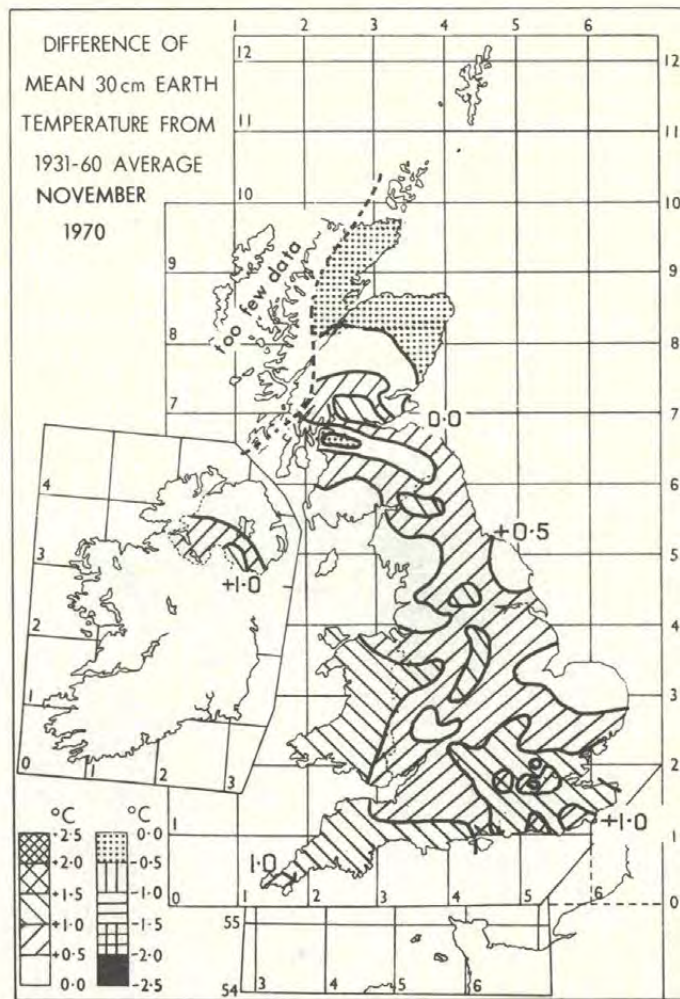
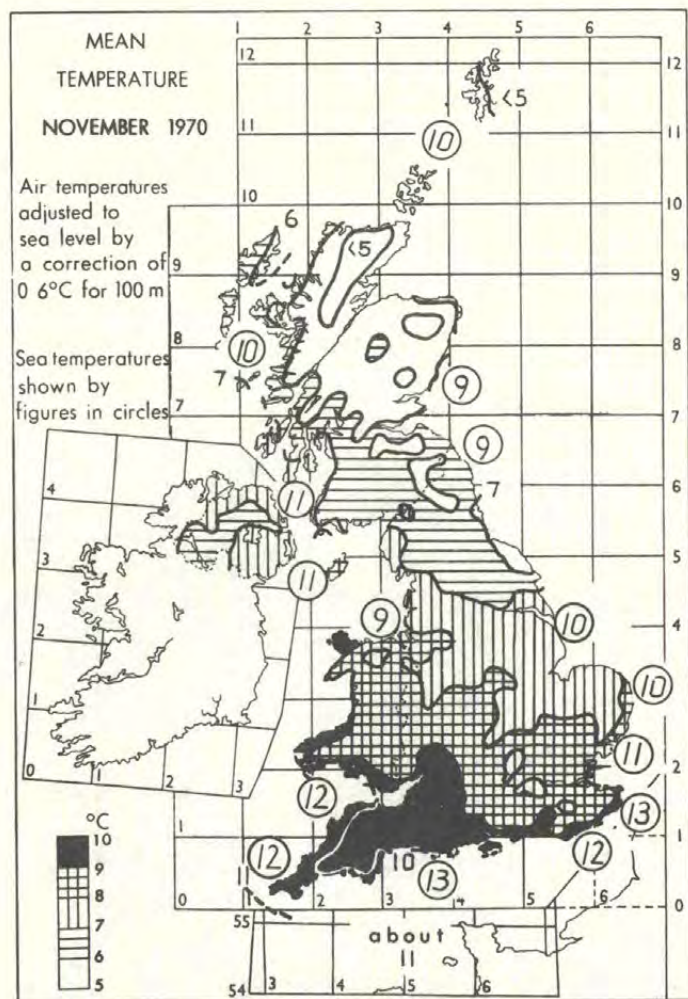
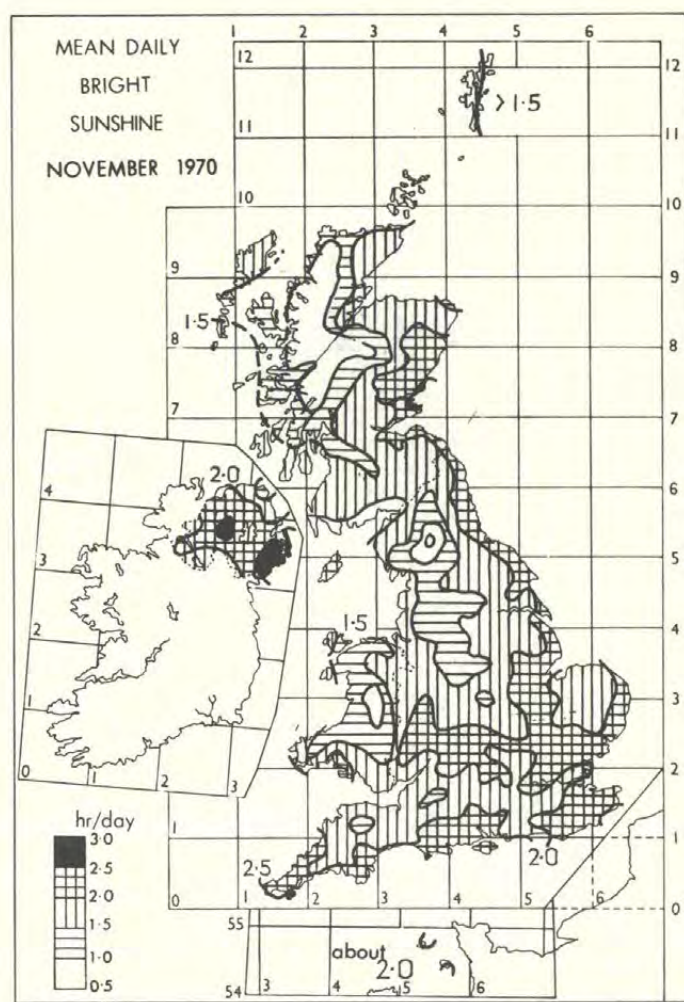
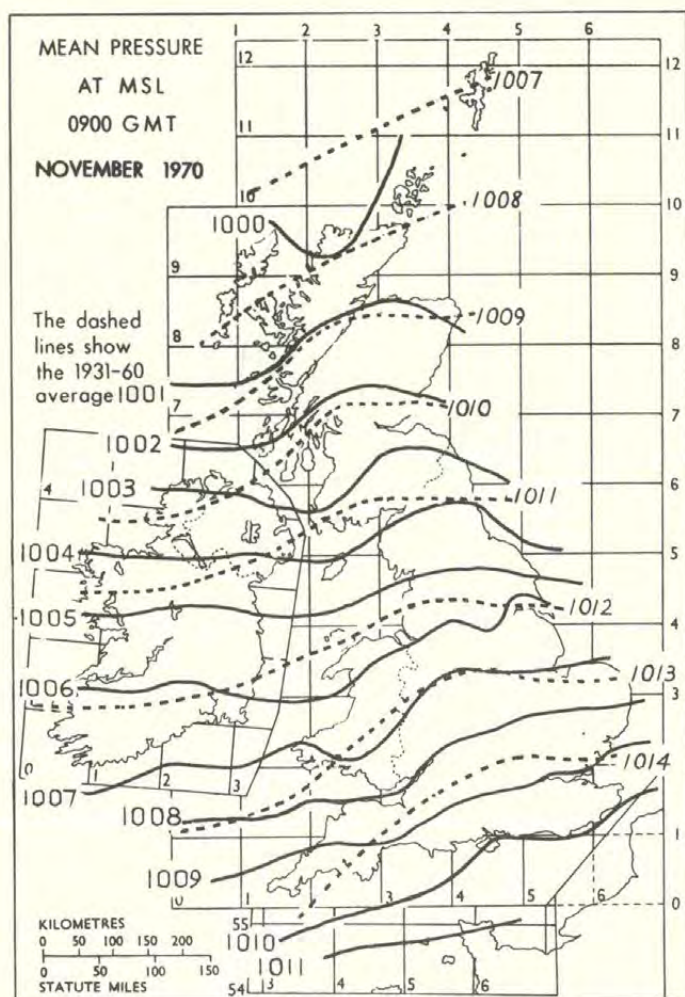


TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— NOVEMBER, 1970

DISTRICT COUNTY AND PLACE			HEIGHT OF VANE IN METRES		DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED										Mean Hourly Wind Speed in knots	HIGHEST VELOCITIES							
			Above Mean Sea Level	Above ground	Effective Height	34 Knots or more (Gale force)		22 to 33 knots		11 to 21 knots		4 to 10 knots		Less than 4 knots		No Record	HIGHEST HOURLY WIND			HIGHEST GUST			
						Dates of Occurrence	Duration (hr)	No. of days	Duration in hours	No. of days	Duration in hours	No. of days	Duration in hours	No. of days			Duration in hours	Veer from N	Speed in knots	Hour ended at day hour	Veer from N	Speed in knots	Day and Time
0 SCOTLAND N.																							
Zetland	Lerwick	...	93	10	10	8, 9, 21, 22	13	17	102	323	211	71	0	13.8	270	40	8	19	270	63	8	1800	
Orkney	Kirkwall	...	41	15	10	8, 9, 22	20	16	96	379	190	35	0	14.3	270	40	9	02	260	69	8	2315	
Caithness	Downreay	...	34	12	9	8, 9	18	15	58	325	231	74	14	12.7	310	42	9	03	300	72	8	1550	
	Wick	...	45	10	10	9	7	8	46	341	261	65	0	11.8	300	35	9	05	290	58	9	0355	
Sutherland	Shin	...	24	10	10	-	0	2	6	52	217	445	0	3.7	260	28	1	03	270	54	1	0350	
Ross & Cromarty	Stornoway (CGd)	...	37	12	11	-																	
	Duirinish	...	38	20	17	-																	
Inverness	Benbecula	...	16	10	10	1, 8, 9	10	11	76	273	303	58	0	12.0	270	42	1	01	260	60	1	0535	
	Corpach	...	23	15	12	-																	
	Fort Augustus N.S.H.E.B.	...	58	16	16	-	0	2	7	72	290	351	0	4.8	220	26	8	05	240	47	1	1020	
	Cairngorm	...	1075	10	10	-																	
1 SCOTLAND E.																							
Moray	Kinloss	...	18	13	13	1, 9	8	6	39	272	294	107	0	10.4	240	41	1	03	240	58	1	0135	
	Lossiemouth	...	31	24	18	1, 9	10	7	44	276	267	123	0	10.6	260	40	1	04	300	62	8	1735	
Aberdeen	Dyce	...	72	10	10	-	0	6	38	339	267	76	0	11.1	290	33	9	4	280	57	1	0420	
	Fraserburgh	...	29	13	11	1, 3, 8, 9, 21	23	15	104	337	218	23	5	15.0	280	49	1	05	280	70	1	0415	
Angus	Bell Rock	...	39	40	38	1, 8, 9, 13	19	24	278	298	112	13	0	19.3	280	48	1	03	290	72	1	0400	
Perth	Rannoch	...	307	17	17	-	0	3	27	198	238	215	42	8.2	270	30	1	01	270	44	1	0055	
	Tummel Bridge	...	161	16	16	-	0	2	12	76	328	304	0	5.2	280	30	1	04	280	59	1	0920	
Fife	Leuchars	...	25	13	13	1	5	7	40	291	260	124	0	10.8	250	38	1	03	250	56	1	0155	
Midlothian	Turnhouse	...	43	13	10	1	8	7	39	245	302	126	0	9.9	250	40	1	01	250	66	1	0050	
6a SCOTLAND, W.																							
Argyll	Tiree	...	24	16	12	1, 9, 15, 16	15	20	159	350	174	22	0	15.9	270	44	1	01	270	66	1	0025	
	Machrihanish	...	23	13	13	1, 5, 9	9	16	149	314	190	58	0	15.0	280	40	1	01	280	59	1	0105	
Dunbarton	Cumbernauld	...	166	10	10	-																	
Renfrew	Paisley	...	57	25	9	-	0	2	2	146	288	284	0	6.2	260	22	1	01	260	54	1	0150	
	Abbotsinch	...	16	10	10	-	0	5	51	227	297	145	0	9.6	250	31	1	01	250	50	1	0020	
Ayr	Ardrossan	...	24	20	10	1, 3, 5, 8, 9	21	14	114	372	197	16	0	15.3	300	39	9	10	320	59	3	1130	
	Hunterston	...	13	10	10	9	1	14	121	313	156	107	22	13.6	310	38	9	09	320	60	9	1120	
	Prestwick	...	21	10	10	-	0	5	40	261	293	126	0	10.1	300	32	3	12	300	58	9	0525	
Dumfries	Eskdalemuir	...	259	10	10	1, 3, 9	10	11	82	227	231	170	0	10.8	300	39	9	09	310	63	9	1225	
Wigtown	West Freugh	...	25	10	10	3	3	6	42	323	224	63	65	12.0	290	43	3	12	290	68	3	1125	
6b ISLE OF MAN																							
	Ronaldsway	...	25	10	10	3	4	13	80	370	227	39	0	13.4	240	44	3	11	240	70	3	1100	
	Point of Ayre	...	20	10	10	3, 9	6	20	157	388	154	15	0	16.0	270	44	3	12	280	67	3	1140	
2 ENGLAND, N.E.																							
Durham	Durham	...	119	16	10	1, 3	6	5	39	191	410	74	0	10.1	270	47	3	14	270	80	3	1325	
	South Shields	...	22	17	13	1, 3	2	7	35	226	375	82	0	9.7	290	37	3	15	300	62	3	1420	
Yorks N.R.	Leeming	...	42	10	10	1, 3	10	7	29	260	343	78	0	10.4	280	38	1	04	270	62	1	0340	
	Middlesbrough	...	23	19	19	3																	
Lincoln	Waddington	...	80	10	10	3	1	5	28	317	346	28	0	11.0	240	34	3	14	260	53	3	1505	
	Cranwell	...	77	13	13	3	4	8	42	303	214	157	0	10.6	260	40	3	15	260	56	3	1415	
	Coningsby	...	16	10	10	3	4	6	27	295	333	61	0	10.5	270	38	3	15	270	60	3	1415	
	Binbrook	...	118	10	10	3	2	13	76	342	254	46	0	12.5	240	36	3	14	250	55	3	1410	
	Manby	...	26	10	10	-	0	5	22	288	343	67	0	10.1	240	30	3	13	240	45	3	1250	
3 ENGLAND, E.																							
Norfolk	Marham	...	29	10	10	-	0	7	28	342	297	53	0	11.2	250	30	3	15	250	45	3	1400	
	West Raynham	...	93	17	14	-																	
	Coltishall	...	27	10	10	-	0	4	20	280	301	119	0	9.6	250	30	3	13	250	45	3	1250	
Suffolk	Honington	...	60	13	13	-	0	7	24	307	340	49	0	10.7	260	27	3	15	260	44	3	1435	
	Wattisham	...	104	16	10	-	0	9	37	320	333	30	0	11.3	280	31	3	15	280	47	3	1425	
Bedford	Bedford	...	94	13	9	-	0	6	19	291	368	42	0	10.4	250	28	3	15	250	44	3	1420	
	Cardington	...	69	41	41	3	1	11	63	368	252	36	0	12.5	260	34	3	13	270	49	3	1325	
Hertford	Garston	...	94	15	10	-	0	1	3	113	424	180	0	6.6	270	24	3	13	210	46	18	2259	
	Rothamsted	...	141	13	10	-	0	1	2	136	400	182	0	6.7	270	23	3	13	270	49	3	1225	
Essex	Stansted	...	108	10	10	-	0	1	4	241	326	149	0	8.4	240	26	3	13	240	43	3	1305	
	Shoeburyness	...	36	32	28	3, 16, 19, 23	5	21	114	410	179	8	4	15.1	260	36	3	15	270	63	3	1435	
4 MIDLAND COUNTIES																							
Yorks W.R.	Sheffield	...	162	25	11	-	0	2	10	143	305	262	0	6.4	270	25	1	11	250	58	3	1420	
	Church Fenton	...	18	10	10	1, 3	12	5	30	253	335	90	0	10.0	270	40	1	04	270	62	1	0625	
Notts	Finningley	...	19	10	10	-	0	4	35	225	364	96	0	9.5	250	33	3	13	250	53	3	1225	
Rutland	Cottesmore	...	143	13	13	-	0	6	42	317	321	40	0	11.3	260	33	3	14	260	50	3	1415	
N'hampton	Wittering	...	83	10	10	-	0	5	17	306	330	67	0	10.4	250	26	3	14	250	50	3	1355	
Warwick	Edgbaston	...	196	36	22	-	0	4	9	239	444	28	0	9.6	260	26	3	14	270	52	3	0425	
	Elmdon	...	105	10	10	3	1	7	28	263	371	57	0	10.2	260	34	3	15	260	59	3	1415	
Oxford	Brize Norton	...	91	13	10	-	0	2	6	249	357	108	0	8.7	260	24	3	12	260	44	3	1110	
Stafford	Keele	...	215	15	10	-	0	1	4	203	418	95	0	8.1	250	25	3	13	250	54	3	1150	
Worcester	Pershore	...	47	10	10	-	0	8	29	354	292	45	0	11.5	260	32	3	14	260	52	3	1315	
Gloucester	Avonmouth	...	28	19	10	3	3	11	37	342	270	68	0	11.5	270	35	3	11	270	54	3	1105	
	Fairford	...	88	10	10	-	0	4	10	313	306	91	0	9.8	240	31	3	12	240	49	3	1140	
5 ENGLAND, S.E.																							
Greater London	London/W.Centre	...	93	70	38	-	0	5	18	386	303	13	0	11.7	240	27	3	15	240	51	3	1425	
	Heathrow	...	34	10	10	-	0	9	23	295	379	23	0	10.4	250	30	3	14	250	48			

TABLE II (continued)—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND—NOVEMBER, 1970

DISTRICT COUNTY AND PLACE				HEIGHT OF VANE IN METRES			DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED										Mean Hourly Wind Speed in knots	HIGHEST VELOCITIES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
				Above Mean Sea Level	Above ground	Effective Height	34 Knots or more (Gale force)			22 to 33 knots		11 to 21 knots		4 to 10 knots		Less than 4 knots		No Record	HIGHEST HOURLY WIND			HIGHEST GUST																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
							Dates of Occurrence	Dura- tion (hr)	No. of days	Duration in Hours					Veer from N	Speed in knots			Hour ended at day hour	Veer from N	Speed in knots	Day and Time																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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† Anemograph dismantled for re-erection * Defective record ‡ Record ceased § Incomplete record ¶ Anemograph out of order ** Record ceased temporarily

TABLE III —SUMMARY OF DAILY OBSERVATIONS NOVEMBER, 1970

DISTRICT, COUNTY AND PLACE	Max. Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days										BRIGHT SUNSHINE				
			MEANS OF		Daily Mean (mean of A & B)	Difference from 1931—50 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1916—50 average	MOST IN A DAY		Precip'n 0.2 mm or more	1.0 mm or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931—60 average	
			Max. (A)	Min. (B)			Maximum	Date	Minimum	Date	Amount (mm)	Date																			
			30 cm.	122 cm.																											
0 SCOTLAND, N.																															
Zetland																															
Hamnavoe ...	99	21	7.6	3.7	5.7	-	10.0	3.8	0.6	13,14,16	-	-	160	-	33	2	30	16	4	1	1	1	0	0	0	-	4	1.40	-	-	
Lerwick ...	21-9	82	6.4	3.1	4.7	-1.2	9.5	8	-1.9	16	-	-	159	126	33	19	28	20	4	1	0	8	0	1	3	10	6	1.53	140	-	
Baltasound ...	99	24	6.9	1.7	4.3	-	9.4	8	-2.8	7	6.4	-	174	134	33	19	28	22	6	0	1	0	1	0	8	-	6	1.52	-	-	
Orkney																															
Sule Skerry ...	21-9	13	8.6	5.4	7.0	-	15.4	10	0.5	14	-	-	172	-	24	7	28	21	2	0	2	0	0	0	4	3	3	-	-	-	
Stenness ...	99	23	7.6	2.7	5.1	-	10.6	3,7,8	-2.8	7	5.8	7.8	167	148	34	28	30	21	5	0	0	1	0	1	2	13	-	2	1.16	-	-
Kirkwall ...	21-9	26	7.2	3.4	5.3	-1.4	10.4	8	-0.4	7	-	-	183	163	26	28	29	26	8	0	6	2	1	0	1	12	9	3	1.20	86	-
Caithness																															
Dounreay ...	99	21	8.1	2.2	5.1	-	12.2	8	-1.7	7	-	-	183	178	31	25	26	25	0	0	1	0	0	1	5	19	-	5	1.51	-	-
Wick ...	21-9	36	7.7	3.4	5.5	-0.9	11.2	8,24	-2.2	14	-	-	168	210	27	25	25	19	3	0	0	4	0	0	6	10	10	2	1.62	93	-
John O'Groats ...	99	30	7.8	2.6	5.2	-	10.6	8,24	-1.1	14,16	6.0	-	150	-	27	28	26	21	2	-	2	0	0	0	4	8	-	4	1.55	-	-
Sutherland																															
Cape Wrath ...	21-9	112	7.7	4.3	6.0	-1.2	12.0	1	-0.5	13	-	-	227	167	33	7	27	23	3	0	10	0	0	0	1	2	0	3	1.16	-	S
Achany ...	99	85	6.7	0.6	3.7	-	11.7	8	-5.0	14	5.2	7.7	164	161	17	8	26	24	8	2	0	1	1	13	24	-	0	1.30	-	-	
Strathay ...	99	37	7.4	1.4	4.4	-1.4	11.7	7,8	-3.9	7	-	-	194	164	37	28	27	22	7	0	1	0	0	0	8	-	0	1.20	95	S	
Achentoul ...	99	137	6.7	0.3	3.5	-	10.6	7,8,24	-5.6	14	-	-	168	-	29	20	27	22	5	6	0	0	0	0	11	25	-	2	1.68	-	-
Ross & Cromarty																															
Stornoway ...	21-9	3	8.2	3.0	5.6	-1.3	11.5	2	-3.0	14	-	-	143	124	28	7	29	23	2	0	1	5	1	0	7	14	11	3	1.63	109	-
Balmacara ...	99	4	9.2	3.7	6.5	-	12.2	2,27	-3.9	7	-	-	203	-	20	2	27	25	2	0	0	0	0	2	-	0	-	-	-	-	-
Poolewe ...	99	6	8.6	3.7	6.1	-	12.2	2	-1.1	7	-	-	192	130	24	4,12	29	26	1	-	2	0	2	0	1	11	-	1	0.93	-	S
Rudh Re ...	21-9	16	8.7	5.3	7.0	-	12.5	24	1.5	13,20	-	-	-	-	-	-	-	0	3	0	0	0	0	0	0	0	2	-	-	-	-
Inverpoll ...	99	14	8.3	3.5	5.9	-	11.7	2,8	-0.6	7	7.1	-	189	147	22	11	25	23	4	1	6	0	1	-	1	14	-	3	-	S	
Achnashellach ...	99	67	7.3	2.4	4.9	-0.7	(11.1)	7,8	-2.8	14	-	-	268	131	(30)	8	28	26	2	3	4	0	0	0	6	-	0	-	-	-	-
Kinlochewe ...	99	23	7.8	2.7	5.3	-1.0	12.2	7,8	-2.8	14	6.8	-	232	121	27	4	26	26	4	2	0	2	2	0	5	14	-	1	-	S	
Knockanrock ...	99	244	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Strathconon ...	99	107	7.2	1.1	4.1	-	(12.2)	8	-2.8	14,19	-	-	179	-	19	23	27	24	2	1	0	0	0	-	9	17	-	0	-	-	-
Fortrose ...	99	5	8.3	3.4	5.9	-0.9	12.8	8	(-1.7)	16	-	-	98	172	16	23	20	17	5	0	0	0	0	0	1	-	1	1.73	102	-	
Tarbatness ...	21-9	18	7.8	3.8	5.8	-0.5	11.5	7	-1.0	16	-	-	113	225	13	25	24	20	2	0	0	0	0	0	1	-	2	-	-	-	-

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

NOVEMBER,

1970

DISTRICT, COUNTY AND PLACE	Max. Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days												BRIGHT SUNSHINE				
			MEANS OF		Daily Mean (mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1916-50 average	MOST IN A DAY		Precip'n		Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure		
			Max. (A)	Min. (B)			Maximum	Date	Minimum	Date					Amount (mm.)	Date	0.2 mm or more or more	1.0 mm or more															
0 SCOTLAND, N. -contd.																																	
Inverness																																	
Benbecula ...	21-9	6	8.8	3.9	6.3	-1.0	12.6	2	-1.7	7	-	-	146	114	24	28	28	21	4	0	5	2	1	0	4	12	13	3	1.44	-	-	-	
Isle of Rhum €	99	5	9.1	3.9	6.5	-	12.8	24	-1.7	14	7.1	9.7	313	113	27	7	28	27	0	0	0	5	0	0	3	15	-	3	1.05	-	-	-	
Prabost ...	99	67	7.9	3.2	5.5	-	11.1	2, 8, 28	-1.1	14	-	-	216	108	23	7	28	28	1	0	2	7	1	0	2	19	-	4	1.39	-	-	-	
Duntulm ...	99	90																															
Onich ¶	99	15	9.0	3.1	6.1	-0.3	12.2	2	-2.8	15	-	-	255	128	54	2	26	24	-	0	-	-	-	0	6	9	-	-	1.02	84	S	-	
Fort William €	99	8	8.9	3.0	5.9	-	13.9	2	-1.7	16, 19	6.4	8.2	199	114	30	4	26	23	2	0	1	0	0	4	4	7	-	-	0.74	-	-	-	
Corpach ...	99	8	8.9	3.6	6.3	-	13.3	24	-0.6	14, 15, 20	-	-	254	-	29	23	23	22	0	0	0	0	0	1	3	18	-	1	-	-	-	-	
Fort Augustus ...	99	21	7.6	2.6	5.1	-0.5	11.1	7, 8	-1.7	16	-	-	150	-	17	23	27	23	2	0	0	0	1	2	7	-	-	0	0.77	-	-	-	
Inverness ...	99	4	8.1	3.1	5.6	-	12.8	2, 8	(-2.2)	15	-	-	117	201	23	26	23	20	1	0	0	0	0	0	2	11	-	1	1.74	-	-	-	
Coire Cas Shielling	99	762	3.7	-0.3	1.7	-	9.4	24	-5.0	14	-	-	-	-	-	-	-	-	12	-	0	1	0	-	16	-	-	-	-	-	-	-	
Cairngorm ...	99	1090	0.9	-2.8	-0.9	-	7.2	24	-7.8	16	-	-	-	-	-	-	-	-	15	24	0	6	0	15	26	-	-	20	-	-	-	-	
Achnagoichan ...	99	305	6.3	0.6	3.5	-	12.2	24	-5.6	14	-	-	86	102	13	23	21	17	-	-	-	-	-	-	10	-	-	-	-	-	-	-	
Glenmore Lodge	99	341																															
1 SCOTLAND, E.																																	
Nairn																																	
Nairn ...	99	6	8.1	2.4	5.3	-0.7	13.3	8	-2.2	7	-	-	88	157	16	26	25	18	0	0	0	0	0	1	4	18	-	0	1.64	93	-	-	
Moray																																	
Grantown-on-Spey	99	229	6.7	0.3	3.5	-	12.2	8, 24	-7.2	14	-	-	89	-	14	26	23	18	5	1	0	0	0	0	12	22	-	0	1.70	-	-	-	
Forres ¶	99	50	7.9	2.5	5.2	-0.6	12.8	8, 24	-2.2	7, 14	5.5	7.8	102	190	13	26	24	18	1	0	0	0	0	1	4	9	-	0	1.73	90	-	-	
Kinloss ...	21-9	5	8.1	2.7	5.4	-0.5	13.5	24	-2.9	7	6.5	-	85	157	12	23	24	14	3	0	0	2	0	0	9	15	12	3	1.65	-	-	-	
Elgin ...	99	15	8.4	2.4	5.4	-	12.8	8, 24	-2.2	7, 14	-	-	104	173	14	26	23	18	-	0	-	-	-	0	4	12	-	-	1.70	-	-	-	
Lossiemouth ...	99	6	8.3	2.1	5.2	-0.6	12.8	8	-2.8	16	-	-	107	184	12	28	25	16	5	0	2	0	0	0	5	24	17	1	-	-	-	-	
Gordon Castle ...	99	32	8.2	2.7	5.5	-0.5	12.8	8	-1.7	7, 14, 21	-	-	105	144	15	26	20	16	1	0	1	0	0	-	4	-	-	0	1.76	104	-	-	
Banff																																	
Glenlivet ...	21-9	215	6.8	1.7	4.3	-	12.8	25	-4.0	16	-	-	92	-	13	26	24	18	7	0	0	0	0	0	8	17	15	0	1.79	-	S	-	
Banff ...	99	24	8.2	3.6	5.9	-	12.8	8	0.0	14, 16	-	-	119	-	15	23	25	19	0	0	0	0	0	0	0	-	-	2	1.63	-	S	-	
Aberdeen																																	
Braemar ...	99	339	6.1	0.5	3.3	-0.5	11.1	8, 24	-8.3	14	-	-	95	98	18	23	25	20	-	5	-	-	-	0	9	17	-	-	1.11	-	S	-	
Balmoral ...	99	283	6.7	0.0	3.3	-0.6	11.7	8, 24	-8.3	14	-	-	73	86	12	23	25	16	2	0	0	0	0	-	11	18	-	0	-	-	-	-	
Dinnet ...	99	177	7.6	1.1	4.3	-	12.8	8	-5.6	14	5.4	-	64	-	13	23	22	14	-	0	-	-	-	0	8	19	-	-	2.27	-	-	-	
Gartly ...	99	160	7.1	1.6	4.3	-	11.7	1, 8, 24	-2.8	16	-	-	98	-	12	2	24	17	-	-	-	-	-	-	8	18	-	-	-	-	-	-	
Inverurie S. Wks.	99	54	7.8	0.8	4.3	-	13.3	24	-5.6	14	-	-	101	-	15	20	21	19	2	0	0	0	0	2	11	19	-	0	1.97	-	-	-	
Fyvie Castle ...	99	66	7.5	0.6	4.1	-	12.2	1, 8, 24	-3.9	15	-	-	136	146	18	20	25	21	2	0	0	0	0	-	13	22	-	0	1.89	-	S	-	
Craibstone ¶	99	91	7.5	2.7	5.1	-0.6	11.7	1, 24	-1.1	14	5.7	7.4	109	122	13	29	24	19	1	0	0	0	0	0	3	14	-	2	2.01	101	-	-	
Dyce ...	21-9	58	7.8	2.8	5.3	-0.3	12.4	24	-2.8	14	-	-	112	121	14	29	22	18	1	0	0	0	0	2	11	16	14	1	2.02	-	-	-	
Aberdeen ...	99	52	8.1	2.5	5.3	-0.4	13.3	1	-2.8	14, 15	-	-	108	126	15	29	24	18	0	0	0	0	0	1	6	14	-	0	2.23	123	S	-	
Fraserburgh ...	21-9	18	8.1	4.3	6.2	-	12.4	8	0.6	13, 14	-	-	143	-	21	21	27	21	0	0	0	1	0	0	0	4	4	8	1.30	-	-	-	-
Kincardine																																	
Fettercairn ...	99	171	7.4	1.7	4.5	-0.6	12.2	1	(-6.7)	14	-	-	129	126	21	23	24	18	0	0	0	0	0	3	6	17	-	0	2.07	-	S	-	
Strachan ...	99	120																															
Banchory ...	99	77	8.5	1.8	5.1	-	13.3	1	-3.3	14, 16, 20	-	-	77	-	13	23	23	17	6	0	0	2	0	1	8	15	-	1	-	-	-	-	
Angus																																	
Mylnfield €	99	30	8.2	2.7	5.5	-	13.9	8	-2.8	14	5.9	8.6	88	128	18	23	24	16	0	0	0	0	0	2	4	17	-	0	2.38	-	-	-	
Dundee ¶	99	45	8.3	3.1	5.7	0.0	13.3	8	-2.2	14	5.8	-	95	131	18	20	22	17	1	0	0	0	1	2	3	16	-	1	2.30	-	-	-	
Glamis Castle ...	99	61	7.6	0.9	4.3	-	12.8	8	-3.3	14, 15, 16	-	-	103	118	21	23	24	18	2	0	0	0	0	0	11	18	-	0	-	-	-	-	

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS NOVEMBER, 1970

DISTRICT, COUNTY AND PLACE		Max. Temp. by GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL		WEATHER														BRIGHT SUNSHINE			
				MEANS OF		Daily Mean (mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						(Terminal hour 9 GMT)		Number of Days				BRIGHT SUNSHINE													
				Max. (A)	Min. (B)			Maximum	Date	Minimum	Date	Total fall (mm.)	Percentage of 1931-60 average	Amount (mm)	Date	Precip'n 0.2 mm or more	1.0 mm or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure			
1	SCOTLAND, E. — contd.																																
	Berwick — contd.																																
	Marchmont ...	99	152	8.1	2.2	5.1	-0.3	11.7	2,10,23	-2.8	14,16	-	-	82	108	10	22,23	24	18	1	0	0	0	0	0	4	-	-	1	1.27	81	-	-
	Whitchester ...	99	255	7.4	1.8	4.6	-	11.7	23	-2.2	14,16	-	-	105	128	17	20	27	20	4	2	1	0	1	-	9	-	2	-	-	-	-	
	St. Abb's Head	21-9	75	8.5	4.1	6.3	-	13.0	23	-0.8	16	-	-	-	-	-	-	-	1	0	0	0	0	0	2	6	5	8	-	-	-	-	
	Peebles																																
	Stanhope Farm	99	226	7.9	2.1	5.0	-	12.8	2	-5.0	16	-	-	148	131	24	23	23	20	2	0	0	0	0	1	5	17	-	0	-	-	-	
	Blyth Bridge ...	99	253	7.8	1.5	4.7	-	14.4	1	-4.4	16	-	-	112	129	15	23	24	21	2	0	0	0	0	1	6	21	-	1	1.59	-	-	
	West Linton ...	99	244	7.3	1.2	4.3	-	12.8	24	-5.0	16	5.0	8.0	117	126	16	23	30	21	2	1	0	0	0	0	10	16	-	0	-	-	-	
	Glentress ...	99	165	8.3	1.7	5.0	-	13.3	1,23	-5.6	16	-	-	83	110	9	4	26	21	-	1	-	-	-	2	5	-	-	-	-	-	-	
	Selkirk																																
	Bowhill ...	99	183	7.9	1.4	4.7	-	12.2	2	-3.9	14	-	-	101	122	24	23	22	18	2	0	0	0	0	3	9	-	-	7	-	-	-	
	Galashiels ...	99	198	7.6	2.1	4.9	-	12.8	2	-3.3	16	-	-	86	-	19	23	25	19	4	0	0	0	0	3	6	17	-	4	1.98	-	-	
	Roxburgh																																
	Wauchope ...	99	171	8.2	1.1	4.7	-	13.3	2	-5.6	16	-	-	103	128	26	23	23	21	0	0	1	0	0	1	9	-	-	0	-	-	-	
	Kelso ...	99	34	9.1	1.6	5.3	-	13.3	2,23,24	-3.9	14,16	-	-	57	-	12	23	20	12	0	0	0	0	0	3	8	17	-	0	1.61	-	-	
	Sourhope *	99	221	7.7	2.3	5.0	+0.1	12.2	2,23,24	-3.9	16	-	-	93	-	17	29	20	15	4	0	0	0	0	0	6	16	-	1	1.64	-	-	
6a	SCOTLAND, W.																																
	Argyll																																
	Tiree ¶	21-9	9	9.2	5.1	7.1	-0.8	12.5	2	-0.5	7	-	-	164	139	20	2	26	23	0	0	0	11	1	0	1	7	6	4	1.74	109	-	-
	Rhuvaal ...	21-9	20	9.7	6.1	7.9	-	12.9	2	2.3	14,20	-	-	197	122	32	23	28	22	0	0	3	0	0	0	0	3	1	4	-	-	-	-
	Colonsay ...	99	30	9.4	4.9	7.1	-0.4	12.8	2	1.1	14	-	-	166	115	21	2	27	26	1	-	1	0	0	2	0	-	-	1	-	-	-	
	Aros ...	99	37	9.3	2.7	6.0	-	12.8	2	-5.6	14	-	-	234	-	33	2	27	26	1	0	2	2	0	0	7	16	-	2	-	-	-	
	Craighouse ...	99	3	9.7	5.1	7.4	-	13.3	2	1.1	14	-	-	279	-	(36)	23	29	27	-	0	-	-	-	0	0	5	-	-	-	-	-	
	Machrihanish ...	21-9	10	9.9	5.2	7.5	-	14.8	2	-1.7	14	-	-	155	-	18	15	25	22	0	0	0	10	1	0	1	7	6	5	1.67	-	-	
	Campbeltown ...	99	12	-	-	-	-	-	-	-	-	-	-	200	-	29	15	23	22	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Achaglachgach ...	99	12	9.4	3.1	6.3	-	13.9	1	-2.2	14,15	-	-	229	139	36	23	26	22	-	-	-	-	-	0	5	14	-	-	-	-	-	
	Knapdale Forest ...	99	40	9.1	3.2	6.1	-	12.2	2,3,24	-2.2	14,15	-	-	223	-	36	2	28	23	1	0	0	0	0	0	5	12	-	1	-	-	-	
	Glenbranter ...	99	24	7.9	2.9	5.4	-	12.2	23	-6.1	15	-	-	266	-	40	2	26	23	-	0	-	-	-	1	4	15	-	-	-	-	-	
	Glen Etive ...	99	24	8.7	3.2	5.9	-	13.9	24	-4.4	14	-	-	308	-	54	23	27	25	2	0	2	0	1	-	5	10	-	0	-	-	-	
	Benmore Y.B.G. **	99	12	8.8	3.7	6.3	-	12.8	3,23	-2.2	15	-	-	319	126	42	2,23	26	25	2	0	1	1	0	1	4	19	-	0	-	-	-	
	Bute																																
	Kildonan ...	21-9	18	9.7	6.1	7.9	-	15.3	25	0.7	15	-	-	187	-	17	4	28	22	1	0	0	1	0	0	0	3	2	11	1.89	-	-	
	Broddick Castle ...	99	15	9.8	4.8	7.3	-	13.3	2	0.0	14	7.8	-	294	-	35	12	27	25	0	0	2	0	2	1	1	9	-	3	-	-	-	
	Rothesay ¶	99	43	9.0	4.9	6.9	0.0	12.8	2	0.0	15	6.9	8.8	194	131	28	2	26	23	3	0	1	2	0	1	0	9	-	1	1.65	104	-	
	Dunbarton																																
	Finnart ...	99	15	9.2	4.3	6.7	-	12.8	2,8	-3.3	14,15	-	-	249	-	44	23	26	26	2	0	2	0	0	-	2	-	-	1	-	-	-	
	Helensburgh ...	99	89	8.0	3.5	5.7	-0.3	12.0	(2),24	0.0	13,20	-	-	231	155	34	23	25	25	0	-	0	0	0	1	0	-	-	0	1.42	99	-	
	Sloy ...	21-9	12	8.7	4.3	6.5	-	13.5	8	-2.0	15	-	-	315	-	46	23	25	25	4	-	1	0	0	0	2	-	-	1	-	-	-	
	Cumbernauld ...	99	94	7.7	2.1	4.9	-	12.2	23,24	-3.3	14	-	-	167	-	22	23	24	22	2	0	1	0	0	2	5	19	-	1	-	-	-	
	Stirling																																
	Earl's Hill ...	21-9	335	5.6	2.2	3.9	-	10.1	24	-3.2	14	-	-	212	-	32	23	24	23	5	-	1	1	1	7	6	16	13	7	1.76	-	-	
	Stirling Batterflats ...	99	38	8.6	2.8	5.7	-	12.8	8,23,24	-3.3	16	7.2	9.2	201	-	24	23	26	23	3	1	1	0	0	3	6	16	-	0	1.65	-	-	
	Falkirk S. Wks. ...	99	3	8.8	3.1	5.9	-	13.3	23	-2.8	14	-	-	142	-	20	23	25	21	1	0	0	0	0	1	4	-	-	0	1.66	-	-	
	Grangemouth ...	99	4	9.2	3.4	6.3	-	15.0	1	-2.2	14,15	-	-	119	-	15	2	22	17	2	0	0	0	0	1	3	5	-	0	-	-	-	
	Renfrew																																
	Greenock ...	99	61	8.2	4.6	6.4	-0.5	12.2	24	0.6	14,15	-	-	232	139	50	2	26	23	0	0	4	0	0	1	0	3	-	1	1.18	97	-	
	Paisley €	99	32	8.6	4.1.																												

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS NOVEMBER, 1970

DISTRICT, COUNTY AND PLACE		Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days												BRIGHT SUNSHINE				
				MEANS OF		Daily Mean (mean of A & B)	Difference from 1911-50 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1911-50 average	MOST IN A DAY		Precip'n		Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1911-50 average	Exposure		
				Max. (A)	Min. (B)			Maximum	Date	Minimum	Date					Amount (mm.)	Date	0.2 mm or more	1.0 mm or more															
				Max.	Min.	Max. (A)	Min. (B)							30 cm.	121 cm.																			
6b	ISLE OF MAN																																	
	Ronaldsway ...	21-9	17	10.4	6.7	8.5	-	14.0	2	0.4	15	-	130	143	14	22	25	17	0	0	1	2	0	0	0	5	2	1	2.21	-	-	-		
	Douglas ...	99	87	9.9	5.8	7.9	+0.1	13.9	24	2.2	16, 18	-	170	142	22	23	26	22	0	0	2	0	0	0	1	0	7	6	2.20	108	-	-		
	Point of Ayre ...	21-9	9	10.0	6.1	8.1	-	15.0	2	0.8	15	-	111	136	12	23	24	17	0	0	1	0	0	0	0	-	-	6	2.00	-	-	-		
2	ENGLAND, N.E.																																	
	Northumberland																																	
	Kielder Castle ...	99	201	7.7	0.8	4.3	-	12.2	24	-5.6	16, 17	6.7	-	156	137	48	23	24	22	1	0	1	0	0	5	12	20	-	0	-	-	-		
	Haydon Bridge ...	99	79	8.9	2.2	5.5	-	15.0	24	-3.3	16	6.4	9.1	91	-	11	29	25	20	0	0	0	0	0	1	7	12	-	2	-	-	-		
	Corbridge ...	99	49	9.4	1.8	5.6	-	15.0	2, 24	-5.0	16, 17	-	-	65	-	10	29	19	14	0	0	0	0	0	3	9	16	-	1	-	-	-		
	Berwick-on-Tweed †	99	23	9.1	3.6	6.3	-0.2	13.9	23, 24	-1.7	14, 16	-	-	71	124	14	20	21	18	0	0	0	0	0	0	2	11	-	0	2.39	117	-	-	
	Acklington ...	21-9	42	8.9	3.3	6.1	-0.2	13.5	2, 23	-2.7	16, 20	-	-	78	122	13	17	19	14	1	0	0	0	0	2	7	12	10	2	2.38	-	-	-	
	Tynemouth †	21-9	29	9.0	5.2	7.1	-0.2	14.6	2	-0.4	16	-	-	75	119	17	17	19	15	0	0	0	0	0	0	1	10	-	4	2.10	130	-	-	
	Seahouses ...	21-9	11	9.1	4.3	6.7	-	14.6	2	-1.6	16	-	-	71	-	11	20	19	14	0	0	0	0	0	1	2	8	7	7	2.54	-	-	-	
	Durham																																	
	Chopwellwood ...	99	136	8.9	2.8	5.9	-0.1	15.0	1	-2.2	16	-	-	72	102	14	29	19	15	1	0	0	0	0	1	4	18	-	0	-	-	-		
	Ushaw College ...	99	181	(8.4)	(2.5)	(5.5)	(-0.3)	(14.4)	1	-1.7	16	-	-	65	87	18	18	13	11	-	1	-	-	-	4	-	-	-	-	-	-	-		
	Houghall ...	99	37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Durham †	99	102	9.2	2.9	6.1	0.0	15.0	1, 2	-2.2	16	7.4	10.1	63	99	16	17	19	14	-	0	-	-	-	4	5	15	-	-	2.24	117	-	-	
	Hartburn Grange ...	99	31	9.5	2.2	5.9	-	14.2	2	-5.1	16	-	-	69	-	17	17	16	12	-	0	-	-	-	3	7	15	-	-	1.85	-	-	-	
	Hartlepool ...	99	9	9.8	4.2	7.0	-	15.0	23	-1.7	16	-	-	67	107	15	17	20	13	0	0	0	0	0	3	2	-	-	2	2.06	-	-	-	
	Yorks., N. Riding																																	
	Leeming ...	21-9	32	9.4	4.2	6.8	-	15.1	23	-3.8	14	-	-	90	-	18	18	19	16	2	0	0	0	0	6	5	12	9	2	1.90	-	-	-	
	Marton ...	99	46	9.8	3.3	6.5	-	14.4	23	-2.2	16	7.2	9.8	68	-	14	29	19	12	1	0	0	0	0	-	3	12	-	1	1.88	-	-	-	
	York (Heslington) ...	99	20	9.4	3.2	6.3	-	15.0	2	-2.8	16	6.9	9.2	98	-	14	17	23	18	1	0	0	0	0	5	5	12	-	0	1.84	-	-	-	
	Ampleforth ...	99	95	8.9	3.0	5.9	-0.2	13.3	2	-2.8	16	-	-	95	125	23	17	20	17	0	-	0	0	0	6	6	14	-	0	1.41	96	S	-	
	Redcar ...	99	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Pickering ...	99	44	9.3	1.8	5.5	-	13.4	2	-4.6	16	-	-	86	-	19	17	22	16	2	0	0	0	0	1	10	15	-	0	-	-	-	-	
	Scarborough ...	99	36	(9.7)	5.1	(7.4)	(0.0)	13.3	2, 23	0.0	16	7.8	10.4	89	138	19	29	22	16	1	0	0	0	0	1	0	6	-	0	1.99	118	-	-	
	Silpho Moor ...	99	203	8.3	2.7	5.5	-	12.8	2	-1.7	16, 17	6.2	-	134	156	22	17	27	19	1	2	1	0	0	4	5	12	-	0	2.11	-	-	-	
	Whitby Coast Guard	21-9	60	9.5	4.8	7.1	-	16.1	25	-1.6	16	-	-	93	-	16	17	21	16	0	0	0	0	0	1	1	1	2	7	-	-	-	-	
	Yorks., E. Riding																																	
	High Mowthorpe ...	99	175	(8.4)	(3.0)	(5.7)	-	12.8	2	-1.7	16	6.6	-	137	172	18	17	25	21	-	0	-	-	-	5	4	9	-	-	1.99	-	-	-	
	Hull †	99	2	10.3	4.8	7.5	+0.4	15.6	2	-0.6	16	7.9	11.2	109	167	23	29	23	19	0	0	0	0	0	1	1	12	-	0	1.85	119	-	-	
	Filey ...	99	37	8.8	3.4	6.1	-	13.9	2	-2.2	16	-	-	113	155	20	17, 29	23	16	1	0	0	0	0	1	2	9	-	-	0	2.12	-	-	-
	Bridlington †	99	48	9.4	3.3	6.3	-0.2	13.9	2	-1.7	16	-	-	118	159	22	29	22	18	1	0	0	2	0	2	1	10	-	1	1.97	101	-	-	
	Kilnsea ...	21-9	12	9.6	5.7	7.7	-	14.8	2	0.9	16	-	-	97	-	20	29	22	15	1	0	1	0	0	2	0	-	-	10	2.00	-	-	-	
	Lincoln																																	
	Waddington †	21-9	68	9.5	4.9	7.2	+0.8	15.6	2	-0.5	16, 20	-	-	120	-	18	11	19	15	1	0	0	0	0	4	2	8	8	0	2.01	102	-	-	
	Lincoln †	99	7	10.1	3.9	7.0	+0.8	15.6	2	-4.4	16	8.5	10.2	116	178	17	1	22	15	0	0	0	0	0	3	5	13	-	0	1.92	-	S	-	
	Cranwell ...	99	62	10.0	3.9	6.9	+0.5	16.3	2	-1.2	16	8.0	10.1	101	171	15	11	21	15	1	0	0	0	0	5	2	12	8	1	1.98	99	-	-	
	Brigg ...	99	3	10.2	3.4	6.8	-	15.6	2	-2.2	16	-	-	118	-	18	29	25	18	1	0	0	0	0	2	3	12	-	1	-	-	-	-	
	Binbrook ...	21-9	108	9.0	4.8	6.9	-	14.6	2	-1.5	16	-	-	104	-	17	17	21	16	2	0	0	0	0	3	2	9	7	1	-	-	-	-	
	Cleethorpes ...	99	7	10.2	4.4	7.3	+0.3	15.0	3	-1.1	16	-	-	109	179	17	30	17	16	0	0	0	0	0	0	1	11	-	0	1.70	90	-	-	
	Manby ...	21-9	17	10.0	4.4	7.2	-	15.7	2	-1.8	16	7.9	-	106	179	17	17	22	16	1	0	0	0	0	2	2	12	16	0	1.97	-	-	-	
	Skegness ...	99	5	10.2	4.1	7.1	+0.2	16.1	2</																									

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS NOVEMBER, 1970

DISTRICT, COUNTY AND PLACE	Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days												BRIGHT SUNSHINE		
				MEANS OF		Daily Mean (mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1931-60 average	MOST IN A DAY		Precip'n 0.2 mm or more	1.0 mm or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure
				Max. (A)	Min. (B)			Maximum	Date	Minimum	Date					Amount (mm.)	Date															
3 ENGLAND, E. — contd.																																
Essex																																
Harlow ...	99	79	11.4	4.6	8.0	-	16.1	2	-2.2	16	-	11.0	152	-	36	14	20	16	0	0	0	0	1	3	2	-	-	0	2.07	-	-	
Stansted ...	21-9	101	10.6	5.0	7.8	+1.4	16.0	2	-2.2	16	-	-	170	266	44	14	20	16	1	0	0	0	0	3	4	9	6	1	-	-	-	
Writtle ...	99	32	11.3	4.6	7.9	-	16.7	2	-1.7	16	8.9	-	150	242	15	14	21	16	0	0	0	0	0	2	2	8	-	0	1.80	-	-	
Southend ...	99	27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Maldon ...	99	4	11.3	4.8	8.1	-	16.7	2	-2.2	16	-	-	138	-	33	14	22	17	0	-	0	0	0	3	1	-	-	0	-	-	-	
Earls Colne ...	99	49	(11.2)	4.6	(7.9)	-	15.0	1	-1.7	16	8.5	10.9	164	256	45	14	18	16	-	0	-	0	0	1	2	4	-	-	-	-	-	
Shoeburyness ‡	21-9	2	11.6	6.8	9.2	+1.5	16.1	2	0.8	16	-	-	101	176	18	14	19	15	0	0	0	0	0	1	0	4	1	1	2.20	106	-	
Clacton-on-Sea €	99	16	11.1	6.4	8.7	+1.2	16.1	1	0.0	16	9.7	11.5	112	184	21	14	18	16	0	0	0	0	0	1	0	7	-	0	2.23	105	-	
Walton-on-Naze	21-9	5	11.0	6.5	8.7	-	16.3	2	-0.6	16	-	-	122	-	21	14	19	16	0	0	0	0	0	0	1	1	0	8	2.34	-	-	
Dovercourt ...	99	3	11.0	-	-	-	16.1	2	-2.2	16	-	-	103	170	12	1	17	16	0	-	0	0	0	0	1	2	10	0	2.13	-	-	
4 MIDLAND COUNTIES																																
Yorks., W. Riding																																
Slaidburn ...	99	192	8.3	3.2	5.9	-	13.3	2	-1.7	8,16	-	-	255	158	50	17	26	26	2	0	2	0	1	1	6	10	-	0	1.49	-	-	
Malham Tarn ...	99	395	-	2.3	-	-	11.1	2	-2.8	16	6.9	-	213	134	31	17	27	25	4	1	0	0	0	5	5	11	-	2	1.47	-	-	
Huddersfield §	99	99	9.6	4.0	6.8	-	15.6	2,24	-1.1	16	7.6	9.9	138	166	25	17	26	25	-	0	-	-	-	4	3	10	-	-	1.46	117	-	
" Oakes	21-9	232	7.7	4.2	5.9	-0.1	14.3	24	-0.5	15	6.7	7.7	166	168	27	17	27	26	3	0	0	3	1	4	4	11	9	2	1.51	90	-	
Bradford €	99	134	9.1	3.9	6.5	+0.3	14.4	2,23,24	-1.7	16	7.7	10.1	150	169	22	17	26	23	3	0	2	0	1	6	1	12	-	2	-	-	-	
Ilkley ...	99	96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Sheffield ...	99	131	9.6	5.1	7.3	+0.4	15.6	2	-0.6	16	8.0	10.7	141	172	20	17	27	21	1	0	0	0	0	1	9	-	0	1.61	114	S		
Pontefract ...	99	78	9.4	3.9	6.7	+0.2	15.6	2	-1.1	16,17	-	-	93	158	15	17	23	18	0	0	0	0	0	6	3	9	-	0	-	-	-	
Bramham ...	99	54	9.3	3.5	6.4	-	14.4	2	-1.1	14,16,20	-	-	118	203	20	17	23	21	0	0	0	0	0	4	4	11	-	1	1.32	-	-	
Cawood ...	99	6	9.4	3.4	6.4	-	15.0	2	-2.8	16	7.5	9.9	99	165	17	17	22	18	0	0	0	0	0	4	4	13	-	2	1.60	-	-	
Askham Bryan ...	99	34	-	3.4	-	-	14.4	2	-2.8	16	-	-	107	169	13	1	23	19	0	0	0	0	0	3	6	13	-	0	-	-	-	
Derby																																
Buxton €	99	307	7.9	3.7	5.8	+0.5	13.3	2	-2.8	16	6.8	8.7	208	165	26	11	27	25	1	0	0	0	1	8	4	6	-	5	-	-	-	
Ashover ...	99	186	9.1	4.1	6.6	-	14.4	2	-3.3	16	-	-	163	-	20	29	24	21	2	1	0	0	0	5	3	9	-	0	1.62	-	-	
Derby ...	99	48	10.4	4.8	7.6	-	16.1	2	-2.8	16	-	-	115	153	17	11	21	18	0	0	0	0	0	1	4	9	-	3	1.49	-	-	
Morley ...	99	107	(9.8)	(4.3)	(7.1)	-	15.6	2	-2.8	16	-	-	128	176	18	11	20	17	-	0	-	-	-	5	7	-	-	1.43	-	S	-	
Wingerworth ...	99	126	9.5	3.9	6.7	-	15.0	2	-3.3	16	7.8	-	158	-	25	29	25	22	1	1	0	0	0	4	4	13	-	1	1.75	-	-	
Nottingham																																
Sutton Bonington	99	48	10.6	4.8	7.7	+1.3	16.1	2	-1.1	16	8.4	10.3	110	197	18	1	18	17	0	0	0	0	0	1	2	10	-	0	1.71	103	-	
Watnall ...	21-9	117	9.8	4.9	7.3	+0.8	15.6	2	-1.2	16	-	-	132	194	17	17	22	17	1	0	0	0	0	4	4	10	8	0	1.39	82	-	
Mansfield ...	99	110	9.0	4.4	6.7	+0.4	14.4	2	-0.6	14	7.8	-	139	193	19	29	23	20	0	0	0	0	0	0	1	8	-	0	-	-	-	
Nottingham ‡	99	59	10.6	5.1	7.9	+1.0	16.1	2	-0.6	16	7.8	10.3	101	174	16	11	20	17	0	0	0	0	0	1	1	9	-	1	1.65	111	-	
Warsop ...	99	46	(9.8)	3.6	(6.7)	-	15.6	2	-3.9	16	-	-	121	199	21	29	20	17	-	0	-	-	-	1	7	12	-	-	1.93	-	-	
Finningley ...	21-9	10	10.2	5.1	7.7	+1.0	16.6	2	-2.2	16	-	-	105	-	16	29	21	17	1	0	0	0	0	4	3	5	5	1	1.91	-	-	
Leicester																																
Newtown Linford	99	119	10.1	4.1	7.1	-	15.6	2	-2.2	16	-	-	128	191	22	1	22	18	0	0	0	0	0	2	4	10	-	0	1.41	-	-	
Caldecott ...	99	53	10.7	2.4	6.5	-	16.1	2	-5.6	16	-	-	119	204	22	1	21	17	-	0	-	-	-	2	9	9	-	-	1.89	-	-	
Northampton																																
Bugbrooke Mills	99	69	10.6	4.4	7.5	-	16.1	2	-2.8	16	8.8	-	128	213	23	18	22	16	-	0	-	-	-	1	5	-	-	-	2.00	-	-	
Raunds ‡€	99	59	10.7	4.1	7.4	+1.1	16.1	2	-3.3	16	8.4	10.9	120	208	21	1	22	18	0	0	0	0	0	1	3	10	-	0	1.73	102	-	
Wittering ...	99	65	10.3	4.9	7.6	+1.0	16.2	2	-1.9	16	-	-	131	221	25	1	20	14	1	0	0	0	0	3	4	8	6	0	2.06	-	-	
Warwick																																
Birmingham K.E.S.*	99	137	(10.5)	(4.5)	(7.5)	-	16.1	1,2	-1.1	16	-	-	141	181	18	6	19	17	0	0	0	0	0	1	1	-	-	0	-	-	-	
Edgbaston ...	21-9	163	10.1	5.6	7.9	+1.2	15.9	2	0.3	16	8.8	10.7	142	177	17	29	20	17	0	0	1	0	0	1	0	7	7	0	1.72	108	-	
Luddington ...	99	56	11.3	5.0	8.1	-	16.7	2	-2.2	16	-	-	123	-	22	6	21	15	0	0	0	0	0	3	2	10	-	0	2.28	-	-	
Stratford ...	99	49	11.3	4.4	7.9	-	16.7	2	-3.9	16	9.0	-	128	238	23	6	21	17	1	0	0	0	0	0	4	12	-	0	2.00	-	-	
Elmdon ...	21-9	99	10.5	5.1	7.8	-	16.4	2	-1.9	16	-	-	133	-	18	29	18	16	0	0	0	0	1	1	3	9	7	2	1.87	-	-	
Shipston-on-Stour	99	111	10.8	4.7	7.7	-	16.1	2	-1.7	16	8.9	-	149	-	20	29	25	18	0	0	0	0	0	1	3	10	-	0	(2.17)	-	-	
Wellesbourne ...	99	47	(11.1)	(4.3)	(7.7)	-	(16.7)	(1)	-2.8	16	-	-	121	195	24	6	(18)	(16)	-	-	-	-	-	(3)	-	-	-	-	(2.21)	-	-	
Coventry ...	99	107	(11.2)	(4.9)	(8.1)	-	16.7	2	-1.1	16	-	-	155	-	32	29	21	17	-	-	-	-	-	1	1	-	-	-	(1.69)	-	-	
Moreton Morrell	99	85	10.8	4.9	7.9	-	16.1	2	-2.8	16	-	-	138	223	25	6	20	15	0	0	0	0	0	0	2	7	-	1	2.07	-	-	
Rugby ...	99	117	10.6	4.6	7.6	+1.4	16.1	2	-2.2	16	7.7	(10.3)	118	182	19	1	20	15	0	0	0	0	0	-	4	8	-	0	-	-	-	
Oxford																																
Brize Norton ...	21-9	84	11.2	5.1	8.1	-	16.0	2	-3.1	16	-	-	132	-	22	6	23	15	0	0	0	0	0	2	4	7	-	0	-	-	-	
Oxford ‡€	99	63	11.4	5.6	8.5	+1.5	16.1	2	-0.6	16	8.7	10.7	150	227	21	6	23	19	0	0	0	0	0	1	1	7	-	0	2.16	105	-	
Shirburn M.F.**	99	108	11.1	5.0	8.1	-	15.6	2,26	-2.2	16	8.7	-	158	-	25	6	21	18	0	0	0	0	1	0	2	10	-	1	-	-	-	
Buckingham																																
Medmenham ...	99	30	11.8	3.6	7.7	-	16.7	2	-5.6	16	-	-	172	-	25	14	23	16	-	-	-	-	-	7	15	-	-	-	-	-	-	
Grendon Underwood	99	67	11.3	3.5	7.4	-	16.1	2	-6.1	16	9.0	11.2	144	-	21	6	20	17	0	0	0	0	0	-	6	14	-	0	1.94	-	-	
Aylesbury ...	99	96	-	-	-	-	15.6	2,3	-1.1	16	-	-	129	188	18	29	21	16	0	0	0	0	0	2	3	9	-	0	1.72	-	-	
Stafford																																

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

NOVEMBER, 1970

DISTRICT, COUNTY AND PLACE		Max. Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days										BRIGHT SUNSHINE						
				MEANS OF		Daily Mean (mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1931-60 average	Amount (mm.)	Date	Precip'n		Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost below 0°C.	Grass min. below 0°C.	Concrete min. below 0°C.	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure
				Max. (A)	Min. (B)			Maximum	Date	Minimum	Date							0.2 mm or more	1.0 mm or more													
4 MIDLAND COUNTIES — contd.																																
Hereford																																
Lyonshall ...	99	155	10.2	4.6	7.4	+1.1	15.0	2	-1.1	16	-	-	181	206	46	6	27	22	-	-	-	-	-	-	3	11	-	-	-	-	-	-
Ross-on-Wye 45C	21-9	68	11.3	6.0	8.7	+1.5	17.0	2	-1.8	16	8.8	10.9	137	185	26	6	23	18	0	0	0	0	2	1	2	7	6	0	2.03	111	-	
Preston Wynne	99	84	10.9	4.4	7.7	-	16.7	2	-2.8	16	-	-	141	214	35	6	24	20	0	0	0	0	1	2	3	9	-	2	2.24	-	-	
Gloucester																																
Filton ...	21-9	59	11.5	6.5	9.0	+1.6	15.4	2	-0.7	16	-	-	164	210	31	1	21	19	0	0	2	0	3	0	1	5	4	0	1.94	-	-	
Hempsted ...	99	12	11.5	5.5	8.5	-	16.1	2	-2.2	16	9.9	12.1	132	183	21	29	20	16	0	0	0	0	0	1	1	6	-	0	2.04	-	-	
Gloucester ...	21-9	24	11.6	6.7	9.1	-	16.3	2	-1.4	16	-	-	130	-	19	29	20	17	0	0	0	0	0	0	2	7	2	0	2.00	-	-	
Cheltenham ...	99	65	11.4	5.8	8.6	+1.7	15.6	2	-1.7	16	-	-	133	192	23	6	20	16	-	-	-	-	-	1	-	-	-	-	-	-	-	
Cirencester ...	99	135	-	-	-	-	-	-	-	-	-	-	158	183	32	6	22	14	0	0	0	0	5	-	11	-	0	2.07	-	-		
Little Rissington	21-9	226	9.9	4.7	7.3	-	15.2	2	-1.4	16	-	-	159	199	24	18	22	17	0	0	0	0	0	6	2	7	6	1	(1.97)	-	-	
5 ENGLAND, S.E.																																
Greater London																																
Kensington Palace	99	25	11.9	5.8	8.9	+1.2	16.7	2	-1.1	16	9.6	11.4	171	259	42	14	18	15	0	0	0	0	0	1	1	10	-	0	-	-	-	
Hampstead ...	99	137	10.8	5.3	8.1	+1.5	15.2	2	-1.2	16	-	-	166	234	37	14	23	17	0	0	0	0	0	-	1	-	1	2.28	130	S	-	
St. James's Park	99	4	12.1	6.1	9.1	+1.1	17.2	2	-1.1	16	-	-	154	248	38	14	19	16	0	0	0	0	0	-	1	7	-	0	-	-	-	
London/W.Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Greenwich ...	99	7	12.1	5.4	8.7	-	16.7	2	-1.7	16	-	-	139	231	31	14	19	15	0	0	0	0	0	0	1	3	-	0	1.95	139	-	-
Heathrow ...	21-9	25	11.8	6.1	8.9	+1.7	16.5	2	-1.7	16	-	-	151	236	28	14	19	15	0	0	0	0	0	1	1	8	3	1	1.99	-	-	
Hampton ...	99	12	11.9	5.8	8.9	-	16.1	2	-0.6	16	-	-	157	252	32	14	19	15	0	0	0	0	0	1	1	6	-	0	2.13	-	-	
Wealdstone ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Southgate ...	99	67	11.5	5.5	8.5	-	16.1	2	-0.6	16	9.6	-	160	238	34	14	19	15	0	0	0	0	1	1	1	9	-	0	2.15	-	-	
Kew* 45C	21-9	5	11.7	5.1	8.4	-	16.7	2	-3.5	16	8.9	11.0	157	249	33	14	17	14	1	0	0	0	0	1	5	8	(6)	0	2.17	123	-	-
Waddon ...	99	59	12.1	5.6	8.9	+1.5	16.1	2,3	1.1	8, (16)	-	-	169	222	31	13	17	16	-	-	-	-	-	0	-	-	-	-	-	-	-	
Addington ...	99	144	11.1	5.6	8.3	+1.5	15.6	2	0.0	16	-	-	170	212	31	14	21	16	-	-	-	-	0	0	-	-	-	-	-	-	-	
Bromley ...	99	65	-	-	-	-	-	-	0.0	16	-	-	145	208	25	14	17	16	-	0	-	-	-	0	-	-	-	-	-	-	-	
Surrey																																
Gatwick ...	21-9	59	11.3	4.3	7.8	+0.9	15.2	2	-3.8	16	-	-	196	226	31	14	21	17	1	0	1	0	0	3	7	11	7	1	2.03	-	-	
Wisley 45C	99	35	12.1	5.4	8.7	+1.9	16.1	2,24	-2.2	16	9.2	11.2	189	262	33	14	25	16	-	0	-	-	-	1	1	10	-	-	1.88	110	-	-
Mickleham ...	99	55	(11.5)	(4.3)	(7.9)	-	15.6	2	-2.8	22	(9.0)	(10.3)	214	250	(40)	(14)	19	19	-	0	-	-	-	1	(5)	(12)	-	-	-	-	-	-
Kent																																
Dartford ...	99	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Hadlow College	99	30	11.6	3.9	7.7	-	16.1	2	-3.3	16	9.3	11.3	148	-	19	14	19	15	0	0	0	0	0	4	5	10	-	0	2.00	-	-	
Gillingham ...	99	4	11.9	5.4	8.7	-	16.1	2	0.0	16	-	-	130	188	22	14	19	16	-	-	-	-	-	0	-	-	-	-	-	-	-	
Peckham ...	21-9	29	11.5	4.4	7.9	-	15.9	2	-4.6	16	-	-	133	-	19	18	19	15	0	0	0	0	0	1	5	13	8	0	2.24	-	-	
Dungeness																																
Whitstable ...	99	3	11.7	6.2	8.9	-	16.1	2	0.6	16	-	-	132	200	27	13	19	14	0	0	0	0	0	0	0	0	-	2	2.42	-	-	
Folkestone ...	99	39	11.7	6.7	9.2	-	15.6	1	0.0	16	-	12.3	169	201	31	14	22	20	0	0	0	0	1	0	0	0	-	5	2.52	-	-	
Elmstone ...	99	9	(11.1)	(4.3)	(7.7)	-	16.1	2	-2.8	16	-	-	125	-	23	14	21	15	-	0	-	-	-	0	3	6	-	-	-	-	-	
Herne Bay ...	99	6	11.6	6.6	9.1	-	16.7	2	0.0	16	-	-	134	195	34	14	18	14	-	0	-	-	-	0	0	0	-	-	2.31	-	-	
Dover ...	99	6	12.2	7.0	9.6	+1.3	16.1	1	0.0	16	10.7	12.3	170	183	35	14	21	19	0	0	1	0	0	0	1	1	-	0	2.48	-	-	
Deal ...	21-9	5	11.7	7.4	9.5	-	16.0	2	0.7	16	-	-	134	-	31	18	21	15	0	0	0	0	1	0	0	2	1	0	-	-	-	
Manston ...	21-9	44	11.3	6.2	8.7	-	15.9	2	-2.1	16	-	-	114	170	23	14	18	15	1	0	0	0	0	0	1	7	4	0	-	-	-	
Margate 45C	99	16	11.8	(7.3)	(9.5)	(+1.1)	16.1	2	0.6	16	9.3	11.8	118	-	22	14	19	17	0	0	0	0	0	0	0	1	-	0	2.11	105	-	-
West Malling ...	99	93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Goudhurst ...	99	85	11.2	4.5	7.9	-	16.7	2	-2.2	16	-	-	173	173	28	18	21	18	0	0	0	0	0	0	2	9	-	2	-	-	-	
East Malling 45C	99	37	11.7	4.6	8.1	+1.4	16.7	2	-2.8	16	8.7	11.1	139	178	17	14	20	17	0	0	0	0	0	1	2	6	-	0	2.16	117	-	-
Throwley ...	99	150	10.6	(4.9)	(7.7)	-	14.4	1,2,4	-1.1	16	8.6	10.7	198	213	31	18	20	16	0	0	0	0	0	2	1	4	-	6	(2.11)	-	-	
Faversham ...	99	48	11.4	5.7	8.5	-	15.6	2	-1.1	16	9.4	11.4	144	-	25	18	19	16	0	0	0	0	0	0	1	6	-	0	2.30	-	-	
Wye ...	99	56	11.8	4.4	8.1	+1.2	16.7	1	-3.3	16	9.3	10.8	180	198	25	18	19	17	0	0	0	0	0	3	1	10	-	0	2.32	114	-	-
Sussex																																
Thorney Island	21-9	3	12.1	6.3	9.2	-	15.7	2	-3.6	16	-	-	205	257	37	13	21	17	0	0	1	0	3	0	3	8	3	0	1.95	-	-	
Rogate ...	99	64	11.6	(4.4)	(8.0)	-	15.6	2	-2.9	16	9.5	-	241	-	30	14	19	18	0	0	0	0	0	-1	1	10	-	0	-	-	-	
Bognor Regis	99	7	11.8	6.8	9.3	+1.2	15.6	2	-1.1	16	-	12.2	211	248	36	13	24	18	0	0	0	0	0	0	1	4	-	2	2.27	93	-	-
Fernhurst ...	99	57	11.6	(3.7)	(7.7)	-	15.8	2	-4.7	16	8.9	-	247	230	38	14	21	17	0	-	1	0	1	-	5	10	-	0	1.88	-	-	
Littlehampton	99	5	12.2	6.3	9.3	+1.4	15.6	2	-1.7	16	-	11.9	209	240	32	13	21	15	0	0	0	0	1	0	2	-	-	0	2.06	87	-	-
Rustington ...	99	3	(12.2)	(5.2)	(8.7)	-	15.6	2	-1.1	3,22,23	-	(11.7)	210	-	29	14	22	17	-	0	-	-	-	-	4	11	-	-	1.54	-	-	
North Heath ...	99	21	(11.9)	(4.8)	(8.3)	-	15.6	2	-3.3	16	9.1	(11.5)	197	-	32	13	21	17	0	0	0	0	0	1	3	11	-	0	1.83	-	-	
Worthing ...	99	8	11.9	6.7	9.3	+1.1	15.0	1,2	-1.1	16	10.0	-	191	219	22	6	20	17	0	0	0	0	1	0	1	5	-	1	2.09	86	-	-
Brighton ...	99	10	12.2	7.3	9.7	-	15.0	2	-1.1	16	-	12.3	172	203	20	6	20	17	0	0	0	0	0	1	1	9	-	10	1.64	70	-	-
Plumpton ...	99	76	11.																													

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS NOVEMBER, 1970

DISTRICT, COUNTY AND PLACE	Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days												BRIGHT SUNSHINE		
				MEANS OF		Daily Mean (mean of A & B)	Difference from 1931-50 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1931-50 average	Most in A DAY (mm.)	Date	Precip'n 0.2 mm or more 1.0 mm or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-50 average	Exposure	
				Max. (A)	Min. (B)			Maximum	Date	Minimum	Date																					
5. ENGLAND, S.E. — contd.																																
Hampshire — contd.																																
Southsea ...	99	2	12.0	7.7	9.9	+1.5	15.6	1	1.1	16.17	10.7	12.9	235	284	46	13			0	0	0	0	0	0	0	3	-	0	2.03	88	-	
Hayling Island ...	99	4	12.2	7.1	9.7	-	15.0	2	-0.6	16			213	-	36	6	20	17	0	0	0	0	1	0	1	-	-	0	2.03	-	-	
Long Sutton ...	99	145	11.4	4.6	8.0	-	15.6	2,24	-0.6	16	8.6		207	-	25	6	24	20	0	0	0	0	0	0	1	10	-	0	1.93	102	-	
Alice Holt Lodge ...	99	115	11.1	4.4	7.7	-	15.0	2	-2.2	16			209	232	27	13	22	17	0	0	0	0	0	1	2	11	-	0	2.11	-	-	
S. Farnborough ...	99	69	11.5	4.8	8.1	+1.2	15.8	2	-3.9	16			180	247	29	14	21	16	0	0	0	0	1	1	2	8	7	0	1.92	101	-	
Isle of Wight																																
St. Catherine's Pt. ...	99	16	12.4	7.5	9.9	+1.1	14.5	1,2	1.5	15.16			222	241	27	13	20	20	0	-	0	0	1	0	0	-	-	2	-	-	-	
Ventnor * ...	99	122	12.2	7.5	9.9	+1.1	15.0	1	1.7	15.16	10.3	12.1	231	229	29	13	20	20	0	0	0	0	0	0	0	2	-	3	2.29	89	-	
Shanklin ...	99	55	12.1	7.3	9.7	-	15.0	2	-0.6	16			241	217	31	13	21	19	0	-	1	0	2	0	1	-	-	0	2.13	-	-	
Sandown ...	99	4	12.4	(7.6)	(10.0)	(+1.3)	15.6	1	-0.6	16			233	246	32	13	21	18	1	-	0	0	0	0	1	-	-	-	2.21	-	-	
Ryde ...	99	5	12.5	7.6	10.1	+1.6	15.6	2	0.0	16			234	254	36	13	20	17	0	0	3	0	3	0	1	-	-	9	1.98	86	-	
Wiltshire																																
Lacock ...	99	49	(12.0)	(4.4)	(8.2)	-	16.1	2	-3.9	16			157	204	29	6	22	17	-	0	-	-	-	2	3	6	-	-	-	-	-	
West Lavington ...	99	93	-	-	-	-	-	-	-	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Lynham ...	21-9	145	10.8	5.7	8.3	+1.7	15.1	2	-0.3	16			137	182	25	6	22	18	0	0	1	0	0	1	1	7	6	0	1.90	-	-	
Larkhill ...	99	132	11.5	4.8	8.1	+1.6	15.8	2	-3.0	16			194	242	38	6	22	18	0	0	0	0	0	2	2	9	4	0	-	-	-	
Boscombe Down ...	21-9	126	11.4	5.3	8.3	+1.5	15.6	2	-3.2	16			188	232	36	6	22	16	0	0	1	1	0	0	3	8	6	1	1.98	96	-	
Upavon ...	21-9	176	10.8	4.9	7.9	-	16.2	2	-2.4	16			168	202	30	6	20	17	0	0	1	0	0	3	4	8	6	0	-	-	-	
Porton ...	99	111	11.5	4.5	8.0	+1.5	15.7	2	-2.8	16	8.5		179	211	35	6	20	17	-	0	-	-	-	0	3	9	7	-	1.97	92	-	
7a. ENGLAND, N.W.																																
Cumberland																																
Sellafield ...	99	13	10.2	(5.2)	(7.7)	-	13.3	2	0.0	15.22			139	124	18	23	23	20	-	0	-	-	-	2	0	10	-	-	1.90	-	-	
Carlisle ...	21-9	26	9.5	4.5	7.0	-	14.9	2	-1.7	15			109	-	16	23	22	9	1	0	4	0	0	1	3	11	8	1	1.90	-	-	
Newton Rigg ...	99	171	8.3	3.2	5.7	+0.1	12.8	2	-2.2	16	6.5		140	165	22	23	25	21	-	0	-	-	-	0	3	15	-	-	1.65	104	-	
Spadeadam ...	99	274	7.1	1.8	4.5	-	12.8	26	-3.9	16	5.9	7.6	144	-	20	23	25	22	2	0	2	0	0	5	7	18	-	1	1.46	-	-	
Westmorland																																
Ambleside ...	99	46	9.1	3.4	6.3	-	13.9	1	-2.8	16			257	120	63	23	24	20	0	0	2	0	0	1	5	-	-	1	-	-	-	
Great Dun Fell ...	21-9	847	8.0	-0.3	1.3	-	9.2	24	-5.7	14			-	-	-	-	-	-	-	13	-	-	-	23	20	-	-	-	0.34	-	-	
Moor House ...	99	556	5.3	0.4	2.9	-	11.7	1	-5.6	15.16	4.8		241	121	31	23	28	26	-	12	-	-	-	6	12	20	-	-	0.77	-	-	
Lancashire																																
Squires Gate ...	21-9	10	10.0	5.7	7.9	+0.5	13.4	1	-0.7	14			145	168	27	17	26	22	1	0	0	2	2	1	4	6	6	1	1.64	94	-	
Aigburth ...	99	14	10.4	5.9	8.1	-	15.5	2	0.8	14			153	-	20	17	24	22	0	0	1	0	1	1	0	5	-	1	1.82	-	-	
Southport ...	99	5	10.1	(5.2)	(7.7)	-	15.0	1	-0.6	15	7.9	11.1	142	166	27	17	24	23	-	0	-	-	-	2	1	5	-	-	1.57	-	-	
Poulton-le-Fylde ...	99	12	(10.9)	(5.5)	(8.2)	-	14.4	24,26	(-1.1)	15			148	157	31	17	21	19	0	0	0	0	0	1	1	-	-	0	-	-	-	
Cartmel ...	99	34	9.6	4.1	6.9	-	13.3	2,3	-2.2	15.16			183	-	27	23	25	20	-	0	-	-	-	-	1	4	-	-	-	-	-	
Grizedale ...	99	91	9.1	3.2	6.1	-	13.3	2	-3.3	16	7.4		269	-	42	23	25	22	1	0	0	0	0	1	6	19	-	1	-	-	-	
Speke ...	21-9	22	10.2	5.6	7.9	+0.6	15.1	2	0.1	14			149	199	19	17	25	22	0	0	2	0	0	1	0	8	7	1	1.76	-	-	
Kirkham ...	99	24	9.8	4.8	7.3	-	13.9	2	-1.1	8.14,16			151	160	27	17	26	22	0	0	0	3	1	1	4	10	-	0	-	-	-	
Bailrigg ...	99	53	10.0	(4.5)	(7.3)	-	14.0	24	-1.4	15			137	-	24	17	24	21	-	0	-	-	-	-	2	10	-	-	1.64	-	-	
Morecambe ...	99	7	9.8	5.6	7.7	+0.6	13.3	2,23,24	1.1	16			154	157	24	17	25	21	0	0	0	3	0	0	0	-	-	0	1.77	99	-	
Preston ...	99	33	10.0	5.0	7.5	-	13.9	2,23	-1.7	15			160	161	32	17	27	24	0	0	0	3	1	3	3	7	-	2	-	-	-	
Bolton ...	99	107	9.5	4.4	6.9	-	14.4	2	-1.1	16.20	7.9		201	-	29	17	27	25	-	0	-	-	-	2	5	9	-	-	1.42	-	-	
Stonyhurst ...	99	115	9.3	4.2	6.7	+0.4	13.3	2,23,25	-0.6	8.14,16			171	142	27	17	27	23	-	0	-	-	-	2	4	5	-	-	1.54	96	-	
Manchester/W. Centre	-	-	-	-	-	-	-	-	-	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Helmshore ...	99	261	8.0	4.1	6.1	-	13.3	2	-0.6	16	6.9		244	151	25	10	27	26	-	0	-	-	-	3	2	9	-	-	1.30	-	S	
Burnley ...	99	200	(8.6)	4.2	(6.4)	-	(13.3)	2	-2.2	15	7.7	9.4																				

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS NOVEMBER, 1970

DISTRICT, COUNTY AND PLACE	Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days												BRIGHT SUNSHINE			
				MEANS OF		Daily Mean (mean of A & B)	Difference from 1911-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1910-50 average	MOST IN A DAY		Precip'n 0.2 mm or more	1.0 mm or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1911-60 average	Exposure	
				Max. (A)	Min. (B)			Maximum	Date	Minimum	Date					Amount (mm)	Date																
8a. SOUTH WALES.																																	
Cardigan																																	
Aberporth ...	21-9	133	10.5	6.7	8.6	+0.5	14.2	2	0.4	15	-	-	188	158	20	1	24	22	0	0	0	5	0	0	0	3	1	3	1.39	-	-	-	
Gogerddan ...	99	31	10.9	6.6	8.7	-	16.7	24	-1.1	15	-	-	237	232	30	11	26	22	0	0	0	0	0	0	1	5	-	0	1.37	-	-	-	
Swyddffynnon ...	99	165	10.3	4.8	7.5	-	16.1	24	-2.2	16	-	-	244	177	27	1	23	23	-	0	-	-	-	0	2	9	-	-	-	-	-		
Trawscoed ...	99	61	11.2	5.8	8.5	-	16.7	24	-3.3	15	9.9	-	235	185	27	11	21	19	0	0	0	0	0	0	2	6	-	0	1.21	-	-	S	
Llety-evan-hen ...	99	290	9.7	5.4	7.5	-	15.0	24	0.6	15	-	-	276	189	38	11	26	24	0	0	0	4	0	2	0	5	-	0	1.10	67	-	-	
Cwmystwyth ...	99	301	9.4	4.3	6.9	-	15.0	24	-2.2	16	-	-	304	-	40	1	28	25	-	0	-	-	-	-	3	9	-	-	-	-	-		
Pembroke																																	
Dale Fort ...	99	33	11.9	8.0	9.9	-	14.4	2,25	4.4	14,18,19	9.5	-	208	-	42	6	27	21	0	0	0	0	0	0	0	0	-	3	2.02	-	-	-	
Milford Haven C.B.*	21-9	37	11.7	8.0	9.9	-	14.5	2	3.9	14	-	-	262	-	46	6	26	22	0	0	0	0	0	0	0	1	0	7	-	-	-	-	
Orielton ...	99	61	(11.8)	(6.7)	(9.3)	-	14.4	2	1.1	16	(10.1)	-	222	-	58	6	25	21	0	0	0	0	0	0	0	7	-	0	-	-	-	-	
Haverfordwest ...	99	8	11.9	6.2	9.1	-	15.0	2	-2.2	16	-	-	240	-	37	6	27	22	0	-	1	2	0	-	1	-	-	0	1.51	-	-	-	
Carmarthen																																	
Carmarthen ...	99	15	11.8	4.9	8.3	-	15.6	25,26	-2.2	16	10.4	-	233	-	26	17	24	22	0	0	1	0	0	0	3	10	-	3	2.14	-	-	-	
Brynamman ...	21-9	183	10.4	5.5	7.9	-	14.9	24	-0.2	16	-	-	294	-	40	6	25	23	0	-	1	1	1	0	1	5	-	0	-	-	-	-	
Radnor																																	
Cenarth Mill ...	21-9	282	9.0	3.9	6.5	-	14.0	1,2	-2.7	16	-	-	211	-	31	6	26	23	-	0	-	-	-	0	5	11	-	-	-	-	-	-	
Llandrindod Wells	99	235	9.8	4.3	7.1	+1.1	14.4	24	-1.7	16	8.8	-	196	174	28	6	25	23	0	0	0	0	0	0	3	-	-	0	0.85	58	-	S	
Brecknock																																	
Llwynon ...	99	262	9.9	3.7	6.8	-	13.9	1	-2.2	16	-	-	305	-	49	1	24	22	0	0	0	0	0	0	6	4	-	0	-	-	-	-	
Glamorgan																																	
Mumbles ...	21-9	37	11.3	7.3	9.3	-	14.2	1	2.6	15	-	-	-	-	-	-	-	0	0	2	1	1	0	0	1	0	4	-	-	-	-	-	
Penmaen ...	99	82	11.4	6.8	9.1	-	14.4	2	2.2	15	9.6	10.7	291	-	53	1	26	24	1	0	1	1	2	0	0	4	-	2	-	-	-	-	
Swansea ...	99	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	S	
Port Talbot ...	99	7	12.4	7.5	9.9	-	16.1	25	0.0	16	-	-	262	222	48	1	25	21	0	0	2	0	0	0	0	3	-	-	1.85	-	-	-	
Neath ...	99	62	11.8	6.9	9.3	-	15.6	2	0.0	16	-	-	283	207	46	1	25	23	0	0	2	0	0	0	0	6	-	0	-	-	-	-	
Rhose ...	21-9	67	11.4	6.7	9.1	-	15.0	2	0.0	16	-	-	215	-	41	1	24	19	0	0	5	0	2	0	0	4	4	0	1.66	83	-	-	
Cardiff ...	99	62	11.6	5.9	8.7	+1.1	15.0	2,25	0.6	16	10.0	11.7	249	223	48	6	27	22	0	-	0	0	0	0	0	-	0	-	-	-	-	-	
Monmouth																																	
Tredegar ...	99	313	(9.6)	4.1	(6.9)	-	14.4	2	-2.8	16	-	-	285	156	36	6	25	24	2	0	0	2	1	11	3	11	-	1	-	-	-	-	
Newport ...	99	23	(11.8)	5.7	(8.7)	(+1.4)	15.6	2	0.0	13,16	-	-	260	248	52	6	23	21	-	0	-	-	-	0	2	4	-	-	1.81	-	-	-	
Usk ...	99	21	(12.2)	(4.7)	(8.5)	-	16.1	2	-3.3	16	-	-	203	192	-	-	-	-	-	0	-	-	-	-	5	6	-	-	1.44	-	-	-	
Crumblant ...	99	245	10.1	4.5	7.3	-	14.4	2	-0.6	15	8.3	10.0	194	180	35	6	24	20	-	0	-	-	-	4	1	8	-	-	2.00	-	-	-	
8b. ENGLAND, S.W.																																	
Somerset																																	
Hawkrigde ...	99	314	10.3	5.1	7.7	-	13.3	1,2,25	0.0	16	-	-	263	151	55	1	28	21	2	0	0	2	0	3	0	9	-	0	1.51	-	-	-	
Nettlecombe ...	99	96	-	6.1	-	-	-	-	-2.2	16	9.7	-	180	-	25	22	21	19	0	0	0	2	2	1	0	4	-	0	-	-	-	-	
Cannington ...	99	29	12.1	6.5	9.3	-	16.1	2	-0.6	16	10.6	-	149	184	23	6	24	18	0	-	0	2	0	1	2	-	0	1.78	87	-	-	-	
Weston-super-Mare	99	9	11.9	7.1	9.5	+1.4	16.1	1	1.7	16	-	-	181	216	33	1	23	20	0	0	4	0	3	0	0	3	-	5	1.77	87	-	-	
Cricket Malherbie	99	76	-	6.5	-	-	-	-	0.0	16	-	-	176	-	19	18	26	19	0	-	0	0	0	0	1	6	-	0	-	-	-	-	
Cheddar ...	99	11	(12.3)	(6.0)	(9.1)	-	16.1	2	-1.1	16	(9.9)	-	205	-	36	1	25	25	-	0	-	-	-	-	1	6	-	-	-	-	-	-	
Yeovilton ...	21-9	18	12.3	6.7	9.5	-	16.6	2	-2.7	16	-	-	140	-	19	1	20	18	0	0	1	0	0	1	3	8	5	0	-	-	-	-	
Rodney Stoke ...	99	40	-	5.7	-	-	-	-	-0.6	16	10.1	11.7	208	-	37	1	22	22	-	0	-	-	-	-	1	1	4	-	-	-	-	-	
Long Ashton	99	49	11.9	5.7	8.8	+1.5	15.6	2,24,25	-1.7	16	8.9	-	188	202	34	6	23	19	0	0	0	0	0	0	1	7	-	1	1.90	106	-	-	
West Camel ...	99	27	12.4	4.8	8.6	-	16.1	2,25	-3.9	16	-	-	153	-	22	1	24	19	0	0	0	0	1	1	5	14	-	0	-	-	-	-	
Wincanton ...	99	114	12.0	4.6	8.3	-	15.6	2	-2.8	16	-	-	178	-	28	1	23	18	0	0	0	1	0	2	1	11	-	0	-	-	-	-	
Bath C.B.S.**	99	118	(11.5)	6.0	(8.7)	-	16.1	1	1.1	15,16	9.9	-	173	213	31	6	22	20	0	0	0	0	0	2	0	-	-	0	-	-	-	-	
Dorset																																	
Portland Bill C.G.	21-9	53	12.1	(9.0)	(10.5)	-	14.2	2	1.5	16	-	-	125	-	19	13	21	15	0	0	0	0	0	0	0	1	0	2	2.11	-	-	-	
Weymouth ...	99	23	12.8	7.2	10.0	-	15.0	1,2,25	-0.6	16	-	-	183	-	25	13	21	18	0	0	0	0	0	0	1	-	-	0	2.07	-	-	-	
Winfrith ...	99	26	12.6	5.0	8.8	-	16.1	2	-3.3	16	-	-	221	-	33	6	20	19	-	0	-	-	-	-	0	4	13	-	-	-	-	-	
Shaftesbury ...	99	207	10.8	5.0	7.9	+1.2	14.4	2	-0.6	16	-	-	187	199	33	6	24	19	-	0	-	-	-	-	3	1	-	-	-	-	-	-	
Swanage ...	99	11	12.6	7.1	9.9	-	15.6	2	-0.6	16	-	12.6	211	226	28	6	19	18	0	-	0	0	0	0	1	2	-	2	2.13	95	-	-	
Poole ...	99	8	12.5	5.8	9.1	-	16.1	2	-2.8	16	10.0	12.3	192	200	31	13	20	18	0	0	0	1	0	0	3	7	-	0	2.25	98	-	-	
Devon																																	
Virginstow ...	99	168	12.0	(6.0)	(9.0)	-	16.7	1	0.2	16	-	-	-	-	-	-	-	0	-	0	0	0	0	0	1	-	0	-	-	-	-	-	
Hartland Point	21-9	91	12.0	7.9	9.9	-	16.3	27	1.5	16	-	-	189	179	30	1	25	22	0	0	0	6	0	0	0	0	0	10	1.66	83	-	-	
Mount Batten	21-9	27	12.3	7.9	10.1	+1.1	14.7	2,25	-0.1	16	-	-	181	159	29	22	22	19	0	0	1	3	1	0	1	5	2	-	2.25	101	-	-	
Plymouth, The Hoe	99	36	12.8	7.1	9.9	+1.1	16.1	1	0.6	16	10.8	12.3	166	147	29	22	25	20	0	0	0	0	1	0	0	8	-	1	2.13	95	-	-	
Tavistock ...	99	139	11.9	5.4	8.7	+0.9	16.7	24	-1.7	16	-	-	195	124	24	17	26	22	0	0	1	0	1	0	1	-	-	-	0	-	-	-	
Chivenor ...	21-9	6	12.5	8.0	10.3	+1.2	17.0	25	1.5	16	-	-	194	190	37	1	24	21	0	0	0	7	1	0	0	3	0	0	1.50	-	-	-	-
Ilfracombe ...	99	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Salcombe ...	99	116	12.1	6.5	9.3	-	14.4	1,25,26	2.2	15	-	-	195	-	22	22	25	19	0	-	1	0	0	0	0	-	-	1	2.02	-	-	-	
Totnes ...	99	85	12.4	5.8	9.1	-	15.6	2,24	-1.7	16	9.9	11.8	187	-	39</																		

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS NOVEMBER, 1970

DISTRICT, COUNTY AND PLACE	Max. Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL		WEATHER														BRIGHT SUNSHINE			
			MEANS OF		Daily Mean (mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						(Terminal hour 9 GMT)		Number of Days																	
			Max. (A)	Min. (B)			Maximum	Date	Minimum	Date	30 cm.	122 cm.	Total fall (mm.)	Percentage of 1931-60 average	MOST IN A DAY		Precip'n		Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure	
															Amount (mm)	Date	0.2 mm or more	1.0 mm or more														
9. NORTHERN IRELAND																																
Londonderry																																
Loughmore Forest	99	174	8.9	3.1	6.0	-	13.2	10	-3.0	14	-	-	140	-	13	2	29	25	4	1	1	0	1	1	7	14	-	1	-	-	-	
Ballykelly	21-9	2	9.8	4.9	7.3	+0.2	14.0	2	-2.7	14	7.8	10.3	101	113	12	23	27	21	3	0	1	3	1	0	4	7	5	2	2.06	101	-	
Banagher, Caugh Hill			8.6	3.1	5.9	-	12.8	2	-1.0	18	-	-	176	-	22	15	28	26	2	0	0	0	1	2	7	12	-	3	-	-	-	
Derrynoyd Forest	99	88	9.1	3.5	6.3	-	12.7	1	-2.0	20	-	-	175	-	24	2	30	25	3	0	0	0	0	1	7	12	-	-	-	-	-	
Somerset Forest	99	43	9.7	3.6	6.7	-	14.0	2	-1.6	14	-	-	127	-	16	2	27	24	0	0	0	0	0	0	4	9	-	-	-	-	-	
Coleraine Univ....	99	23	9.9	4.2	7.1	-	13.9	2	-2.2	14	7.8	9.8	115	-	12	2	30	23	2	1	0	2	0	0	3	11	-	1	1.88	-	-	
Garvagh Forest	99	88	9.2	3.6	6.4	-	13.3	1,2	-1.1	18,19,20	8.2	10.9	158	-	17	4	29	26	2	0	2	0	0	0	5	11	-	-	-	-	-	
Moneydig	21-9	34	9.4	3.9	6.7	+0.2	13.4	2	-3.3	14	8.4	-	124	116	14	27	29	26	2	0	3	0	0	0	5	12	8	1	-	-	-	
Antrim																																
Portrush Golf Club	99	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ballymoney	99	55	9.8	3.8	6.8	-	13.4	23	-0.8	14	-	-	104	-	14	15	29	26	3	-	0	1	0	0	3	-	-	-	-	-	-	-
Lisnafillan	99	38	9.7	3.6	6.7	-	13.3	2	-3.9	14	-	-	104	-	16	27	28	21	0	0	0	0	0	0	7	10	-	-	2.40	-	-	
Aldergrove	21-9	68	9.4	4.6	7.0	+0.4	13.4	2	-3.1	14	7.8	10.4	91	100	12	27	27	19	3	0	0	0	0	0	3	7	5	1	2.21	125	-	
Greenmount	99	32	9.7	4.2	6.9	-	13.3	1,2	-2.8	14	8.2	-	94	-	11	27	30	22	1	0	0	0	0	-	6	10	-	-	-	-	-	
Altnahinch	99	226	7.9	3.4	5.7	-	11.7	2,23	-1.7	14	-	-	164	-	21	20	30	25	4	1	0	1	0	2	2	10	-	3	1.52	-	-	
Parkmore Forest	99	235	8.1	2.9	5.5	-	11.7	1,2,24	-1.1	14,15,18	7.2	-	227	139	36	20	27	26	3	1	0	0	0	1	4	13	-	3	-	-	-	
Black Mountain	21-9	295	7.2	3.4	5.3	-	11.9	2	-1.1	15	-	-	-	-	-	-	-	-	2	1	0	0	0	0	8	6	-	3	-	-	-	
Lowtown	99	271	7.8	2.9	5.3	-	12.2	2	-1.1	14,18	7.1	-	167	-	19	27	29	24	1	0	0	0	0	3	5	14	-	1	1.88	-	-	
Ballypatrick Forest	99	152	8.7	3.7	6.2	-	12.7	2	-0.5	14	-	-	157	122	22	20	29	26	3	0	1	0	0	1	2	11	-	4	1.19	-	-	
Belfast, Malone*	99	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Newtownabbey	99	32	10.0	5.2	7.6	-	15.0	2	0.6	20	8.1	-	116	-	13	15	25	21	1	0	1	0	0	0	0	8	-	2	2.28	-	-	
Woodburn, North	99	217	8.1	2.6	5.3	-	12.8	2	-1.7	20	-	-	131	108	19	27	24	23	1	0	0	0	0	0	6	4	11	-	-	-	-	-
Larne	99	43	9.9	4.3	7.1	-	15.0	2	-0.9	20	-	-	150	134	22	27	27	22	0	0	0	0	0	1	3	-	-	1	-	-	-	-
Kilroot	99	22	10.1	4.2	7.1	-	14.4	1,2	-1.1	14	-	-	112	-	14	27	24	18	0	0	0	0	0	0	3	8	-	-	-	-	-	-
Ballylumford	99	24	9.8	4.6	7.2	-	14.4	2	-1.1	14,20	-	-	121	-	16	27	26	19	0	-	0	0	0	-	2	6	-	-	-	-	-	-
Down																																
Hillsborough	99	116	9.0	3.9	6.5	+0.1	12.8	1,2,23	-1.1	14,15,16	8.2	9.9	100	119	13	6	27	18	0	0	0	0	0	1	3	12	-	1	2.50	130	-	
Kilkeel	21-9	18	9.8	4.4	7.1	-0.6	15.3	2	-1.0	13,14	-	-	125	-	19	6	24	21	0	0	0	0	0	0	0	0	0	1	2.51	-	-	-
Tollymore Park	99	76	10.0	4.3	7.1	-	14.4	1,2	-0.6	8,14,15	-	-	161	121	24	27	21	20	1	0	0	0	0	1	3	6	-	-	-	-	-	-
Rosetta	99	24	9.7	4.4	7.1	-	13.9	1,2,23	-1.1	14	-	-	108	-	14	27	24	20	0	0	0	0	0	0	4	-	-	-	-	-	-	-
Murlough	99	9	10.2	4.8	7.5	-	14.4	2	-1.7	20	7.6	9.5	125	-	17	23	22	19	0	0	0	1	0	0	4	6	-	4	2.62	-	-	-
Stormont Castle	99	56	9.6	4.8	7.2	-	13.9	2	-0.6	14	6.8	9.7	119	135	18	27	25	19	0	0	0	0	0	2	1	12	-	1	2.25	-	-	-
Downpatrick	99	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Creighton's Green	99	119	8.8	4.6	6.7	-	13.3	2	0.0	14	-	-	118	-	19	27	25	20	1	0	0	0	0	0	6	-	2	-	-	-	-	-
Reagh Island**	99	12	9.7	5.1	7.4	-	13.9	2	-0.6	14	-	-	85	-	11	27	22	16	0	-	0	0	0	0	1	12	-	1	2.50	-	-	-
Helen's Bay	99	43	9.2	5.2	7.2	-	13.9	2	1.1	14,20	-	-	107	-	19	27	25	17	0	0	0	1	0	0	0	9	-	1	2.57	-	-	-
Killough	21-9	15	9.7	5.6	7.7	-	14.1	1	-1.4	14	-	-	-	-	-	-	-	-	0	0	0	0	0	0	1	4	3	2	-	-	-	-
Ballyhalbert	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.46	-	-	-
Armagh																																
Armagh	99	62	9.4	3.9	6.7	-0.1	13.9	2	-1.7	14	8.7	10.8	98	132	12	2	26	18	1	0	0	0	0	0	3	14	-	2	2.09	107	-	-
Loughgall	99	25	9.8	3.9	6.9	-	13.9	1,2	-2.2	14	-	-	93	134	12	6	25	19	1	1	0	0	0	0	6	14	-	1	2.42	-	-	-
Bessbrook	-	76	-	-	-	-	-	-	-	-	-	-	128	136	21	27	25	19	-	-	-	-	-	-	-	-	-	-	2.37	117	-	-
Portadown	99	16	9.9	3.9	6.9	-	13.9	1,2	-2.8	14	8.2	10.9	95	-	14	27	27	20	0	-	0	0	0	-	4	11	-	0	-	-	-	-
Lurgan	99	55	9.8	4.2	7.0	-	13.9	1,2	-2.2	14	7.7	10.5	94	-	14	27	25	20	-	-	-	-	-	-	3	11	-	-	2.31	-	-	-
Tyrone																																
Lough Bradan	99	169	8.2	2.9	5.5	-	11.7	1,2	-1.7	22	-	-	204	-	21	2	29	24	-	0	-	-	-	2	6	14	-	-	1.87	-	-	-
Baronscourt Forest	99	88	9.0	3.8	6.4	-	12.6	2	-2.4	14	-	-	162	-	23	2	24	19	2	0	0	0	0	0	3	15	-	-	-	-	-	-
Strabane Convent	99	44	9.7	4.3	7.0	-	14.5	2	-1.7	14	-	-	125	-	17	23	27	23	2	0	1	0	1	0	2	14	-	1	2.05	-	-	-
Carrigans	21-9	113	9.0	4.0	6.5	-	12.8	2	-2.3	14	-	-	148	-	16	2	30	22	3	1	1	1	0	1	6	13	7	1	-	-	-	-
Lislap Forest	99	209	8.6	2.1	5.3	-	14.4	2	-2.8	14,15	7.2	-	165	128	18	27	29	22	2	2	0	0	0	3	9	14	-	1	-	-	-	-
Knockmany Forest	99	73	9.4	2.6	6.0	-	13.7	2	-4.2	14	-	-	143	146	18	2	26	20	2	1	0	1	0	2	9	14	-	-	-	-	-	-
Pomeroy Forest	99	165	8.4	3.1	5.7	-	12.8	2	-1.7	14,15	7.4	-	151	-	18	2	29	23	3	3	1	0	0	4	9	14	-	1	-	-	-	-
Cookstown	99	77	9.2	3.7	6.5	-	13.9	1,2	-2.2	20	7.4	-	130	140	19	27	27	23	0	-	0	0	0	2	6	10	-	-	2.58	-	-	-
Fermanagh																																
Roscor	99	143	8.7	4.0	6.3	-	12.5	1	0.2	18,20	-	-	178	143	23	12	30	21	0	0	3	0	2	2	0	13	-	1	-	-	-	-
Lough Navar Forest	99	148	8.5	2.2	5.3	-	12.3	1	-2.4	18	-	-	198	-	21	12	29	24	2	1	1	0	0	4	9	11	-	2	-	-	-	-
C.Archdale Forest	99	66																														

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS

NOVEMBER, 1970

Height of Barometer above M.S.L. in metres	Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)						VISIBILITY (Metres and Kilometres)										WIND SPEED AND DIRECTION														
		At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	Mean	0	1-2	3-5	6-7	8	9	0-39 m.	40-199 m.	200-399 m.	400-599 m.	1000-1999 m.	2000-3999 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	
																									SPEED IN KNOTS													
																									8 or more	4, 7	4, 5	1-3	Calm									
																									34 or more	22-33	11-21	1-10	0									
Number of Observations																																						
0 SCOTLAND, N.																																						
Lerwick [Zetland]																																						
83	3	999.7	-	4.5	1.0	7.1	84	5.6	0	5	7	5	12	1	0	0	1	0	0	1	3	3	12	10	0	6	10	11	3	0	6	1	2	4	7	5	2	
	9	1000.4	-7.0	4.5	1.0	7.1	84	6.3	0	1	7	14	7	1	0	0	0	1	0	0	3	8	10	8	1	6	5	17	1	5	4	3	5	3	5	2	2	
	15	1000.6	-	5.1	1.0	7.4	85	6.3	0	1	9	8	12	0	0	0	0	0	0	1	4	5	11	9	0	5	14	10	1	7	4	3	2	6	4	3	0	
	21	1000.7	-	4.5	0.8	7.3	86	6.1	1	4	3	8	14	0	0	0	0	0	0	1	7	6	9	7	1	3	17	6	3	2	3	4	3	6	2	2	5	
Kirkwall [Orkney]																																						
26	3	1000.0	-	5.1	0.6	8.0	90	5.7	0	5	7	7	11	0	0	0	0	0	0	0	4	8	13	5	1	5	16	6	2	2	2	2	3	7	6	6	0	
	9	1000.3	-7.3	5.2	0.6	8.1	90	6.5	0	3	2	13	12	0	0	0	0	0	0	0	7	3	12	8	0	7	12	9	2	1	4	3	3	5	6	4	2	
	15	1000.5	-	5.9	0.8	8.2	87	5.9	0	3	7	9	11	0	0	0	0	0	0	1	5	4	12	8	1	3	20	4	2	2	6	3	2	5	4	4	2	
	21	1000.9	-	5.0	0.6	8.0	90	5.3	1	7	7	4	11	0	0	0	0	0	0	1	3	5	12	9	1	3	14	11	1	2	3	5	1	9	3	5	1	
Wick [Caithness]																																						
37	3	1000.5	-	5.2	0.8	7.9	88	5.5	0	5	7	8	10	0	0	0	0	0	0	0	4	7	11	8	0	3	15	11	1	3	1	2	4	6	4	9	0	
	9	1000.7	-7.4	5.1	0.6	7.9	89	6.3	0	3	2	19	6	0	0	0	0	0	0	1	3	6	8	12	1	2	15	12	0	2	1	3	4	6	6	4	4	
	15	1000.8	-	6.3	1.1	8.1	84	6.1	0	3	7	10	10	0	0	0	0	0	1	0	7	1	14	7	0	1	19	9	1	3	3	3	3	5	2	7	3	
	21	1001.5	-	5.1	0.8	7.8	87	5.2	0	8	5	9	8	0	0	0	0	0	1	0	4	3	15	7	0	1	13	15	1	2	3	3	3	5	4	7	2	
Cape Wrath* [Sutherland]																																						
113	3	999.1	-	6.1	1.3	7.6	81	6.3	0	3	5	9	13	0	0	0	0	0	0	0	1	4	5	20	2	7	7	13	1	2	3	5	0	3	10	2	4	
	9	999.6	-	6.2	1.2	7.8	82	6.7	0	1	4	13	12	0	0	0	0	0	0	0	1	4	5	20	2	4	9	14	1	2	1	9	2	2	7	4	2	
	15	999.9	-	6.5	1.3	7.8	80	6.4	0	1	6	13	10	0	0	0	0	0	0	0	3	3	7	17	1	3	13	12	1	2	2	7	2	2	10	1	3	
	21	1000.4	-	6.0	1.3	7.5	80	5.7	0	3	10	7	10	0	0	0	0	0	0	0	0	3	6	21	1	6	6	16	1	1	3	7	0	3	7	3	5	
Stornoway [Ross & Cromarty]																																						
5	3	999.9	-	5.0	0.4	8.3	94	5.0	0	10	4	5	11	0	0	0	0	0	0	1	6	4	13	6	2	4	9	14	1	1	4	2	3	4	9	4	2	
	9	1000.3	-7.4	5.9	0.5	8.7	93	5.6	0	4	8	10	8	0	0	0	0	0	0	0	2	12	9	7	0	3	13	12	2	2	3	3	4	5	5	3	3	
	15	1000.6	-	6.7	0.8	8.8	89	5.8	0	2	8	15	5	0	0	0	0	0	0	1	2	5	14	8	0	3	16	10	1	1	4	5	2	6	4	5	2	
	21	1001.5	-	5.4	0.7	8.1	90	4.4	3	10	3	3	11	0	0	0	0	0	0	0	2	6	16	6	0	5	14	10	1	3	4	3	3	3	6	6	1	
Benbecula [Inverness]																																						
7	3	1000.5	-	5.9	0.7	8.4	89	5.3	0	6	8	7	9	0	0	0	0	0	0	1	3	4	13	9	2	3	6	15	4	2	5	1	3	2	5	7	1	
	9	1000.8	-7.0	6.3	0.6	8.7	90	5.6	0	3	10	10	7	0	0	0	0	0	0	0	5	8	10	7	0	5	13	10	2	4	3	3	3	4	1	7	3	
	15	1001.3	-	7.4	1.1	8.8	85	6.0	0	3	5	20	2	0	0	0	0	0	0	0	1	9	8	12	0	3	12	14	1	1	4	1	3	6	5	4	5	
	21	1002.0	-	6.2	0.9	8.2	86	5.1	0	10	3	7	10	0	0	0	0	0	0	0	2	4	14	10	0	2	12	15	1	3	4	3	3	4	6	3	3	
1 SCOTLAND, E.																																						
Kinloss [Moray]																																						
6	3	1001.3	-	4.8	0.9	7.4	85	5.6	2	5	3	10	10	0	0	0	0	0	0	3	3	5	8	11	1	1	13	11	4	2	3	1	1	4	12	2	1	
	9	1001.2	-6.6	5.0	0.9	7.5	86	6.6	0	0	6	16	8	0	0	0	0	0	0	2	2	7	6	13	0	3	8	17	2	1	1	5	1	4	11	5	0	
	15	1001.3	-	6.7	1.2	8.1	82	6.1	0	4	5	12	9	0	0	0	0	0	0	1	3	6	6	14	0	1	15	13	1	2	3	6	1	3	7	7	0	
	21	1002.3	-	4.6	0.8	7.5	87	5.7	0	7	3	9	10	1	0	1	0	0	1	0	4	6	9	9	0	3	8	16	3	2	1	2	3	2	9	8	0	
Dyce [Aberdeen]																																						
59	3	1001.6	-	5.1	0.9	7.7	85	5.0	2	11	0	3	13	1	0	0	1	0	0	3	2	10	4	10	0	2	10	15	3	1	0	2	4	4	7	6	3	
	9	1001.3	-8.2	4.7	0.8	7.5	86	5.9	0	4	6	10	9	1	0	0	2	0	0	5	5	7	6	0	2	12	13	3	3	2	0	2	4	4	7	5		
	15	1001.4	-	6.6	1.2	8.1	82	6.0	0	4	5	12	9	0	0	0	0	2	1	7	10	6	4	0	1	16	10	3	4	3	0	1	6	1	5	7		
	21	1002.3	-	5.1	0.9	7.8	87	5.7	0	6	4	8	11	1	0	0	0	1	2	3	6	6	7	5	0	0	19	8	3	4	1	1	0	5	5	8	3	
Fraserburgh [Aberdeen]																																						
22	3	1001.1	-	6.4	0.3	9.3	96	5.7	1	4	8	1	16	0	0	0	0	0	0	1	7	11	11	0	1	2	16	11	0	1	1	4	3	10	1	7	3	
	9	1000.7	-8.2	5.7	0.2	8.9	96	6.0	0	3	9	4	14	0	0	0	0	0	0	1	6	13	10	0	2	4	12	11	1	6	1	2	1	10	3	5	1	
	15	1000.8	-	7.2	0.2	9.8	96	6.5	0	1	6	10	13	0	0	0	0	0	0	1	6	15	8	0	2	5	8	14	1	2	1	2	3	8	0	9	4	
	21	1001.6	-	6.5	0.3	9.4	96	5.5	0	4	10	4	12	0	0	0	0	2	0	4	15	9	0	2	3	12	13	0	2	1	6	0	11	0	10	0		
Usan [Angus]																																						
35	3	1002.2	-	5.6	0.6	8.3	90	4.3	2	12	2	2	11	1	0	0	0	1	1	0	3	5	2	18	0	2	12	11	5	3	0	2	3	1	4	10	2	
	9	1001.9	-	5.5	0.7	8.2	90	5.5	0	5	7	7	10	1	0	0	0	1	0	0	7	2	5	15	1	1	13	12	3	6	1	1	0	4	3	10	2	
	15	1001.9	-	7.3	1.1	8.6	83	5.3	0	6	7	7	9	1	0	0	0	1	0	0	7	3	3	16	0	1	16	12	1	6	1	1	2	5	5	8	1	
	21	1002.8	-	5.8	0.7	8.3	89	4.8	3	7	4	5	10	1	0	0	0	1	0	1	0	8	1	19	0	2	12	15	1	6	1	1	1	3	4	10	3	
Leuchars [Fife]																																						
12	3	1002.1	-	5.3	0.7	8.1	89	5.1	2	8	3	5	11	1	0	0	1	0	0	1	6	6	10	6	1	0	11	14	4	3	0	1	2	2	8	9	1	
	9	1001.9	-8.0	5.0	0.7	7.9	89	5.8	0	6	3	13	8	0	0	1	1	0	3	1	5	10	4	5	1	2	11	12	4	1	1	1	3	1	10	7	2	
	15	1001.9	-	7.4	1.4	8.3	81	5.7	0	5	6	13	6	0	0	0	0	1	3	3	9	7	7	0	3	15	10	2	1	3	2	2	3	5	10	2		
	21	1002.8	-	5.4	0.7	8.1	88	5.1	0	9	4	11	6	0	0	0	1	0	0	2	3	7	9	8	0	1	12	15	2	2	1	3	0	1	11	8	2	
Turnhouse [Midlothian]																																						
44	3	1002.8	-	5.2	0.8	7.9	88	5.4	0	8	4	7	11	0	0	0	0	1	0	1	6	14	6	2	1	1	9	14	5	3	2	0	1	1	12	5	1	
	9	1002.6	-7.8	5.3	0.8	8.0	88	6.1	0	4	2	19	5	0	0	1	1	0	1	4	7	10	3	3	0	3	7	16	4	1	3	3	0	3	9	7	0	
	15	1002.6																																				

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS NOVEMBER, 1970

Height of Barometer above M.S.L. in metres	Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Okta)					VISIBILITY (Metres and Kilometres)								WIND SPEED AND DIRECTION																
		At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	MEAN	0	1-2	3-5	6-7	8	9	0-19 m.	40-190 m.	200-300 m.	400-500 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
																									SPEED IN KNOTS												
																									0 or less	1-3	4-6	7-10	11-16								
																									Number of Observations												
6a. SCOTLAND, W. - contd.																																					
Abbotsinch [Renfrew]																																					
9	3	1003.0	-	5.6	0.7	8.2	89	5.9	0	4	7	6	12	1	0	1	0	1	0	2	8	9	6	3	0	1	8	14	7	2	1	3	2	4	8	2	1
9	9	1002.7	-7.8	5.8	0.7	8.4	89	6.2	0	3	6	8	11	2	1	1	0	0	1	8	5	5	8	1	0	3	9	13	5	0	4	4	0	5	6	5	1
15	15	1002.7	-	7.8	1.3	8.7	82	6.3	0	4	2	15	9	0	0	0	0	1	3	4	6	9	4	3	0	4	12	10	4	0	4	2	1	6	3	10	0
21	21	1003.7	-	6.4	0.9	8.5	87	5.5	0	7	4	7	12	0	0	0	1	0	0	6	6	7	6	4	0	1	9	17	3	0	2	5	0	6	9	4	1
Salsburgh [Lanark]																																					
9	9	1003.1	-	6.0	0.7	8.5	90	5.7	1	5	5	8	11	0	0	0	0	0	0	0	12	12	5	1	0	1	8	19	2	2	0	3	7	5	3	7	1
21	3	1002.9	-7.5	6.4	0.8	8.7	89	6.5	0	2	4	14	9	1	0	1	0	0	0	1	13	9	5	1	0	5	9	16	0	2	3	3	6	5	2	6	3
15	15	1003.0	-	8.4	1.5	8.9	80	5.9	0	3	7	13	7	0	0	0	0	0	2	4	12	11	1	0	0	2	14	12	2	1	2	3	1	6	3	8	4
21	21	1003.8	-	6.8	1.0	8.6	86	6.0	0	4	6	8	12	0	0	0	0	0	0	1	9	15	5	0	0	0	11	18	1	2	2	2	5	4	3	9	2
Eskdalemuir [Dumfries]																																					
237	3	1003.5	-	4.1	0.6	7.6	90	5.6	3	4	5	4	14	0	0	1	1	0	4	0	8	13	3	0	0	4	8	10	8	4	0	1	2	2	9	3	1
9	9	1003.5	-7.4	4.2	0.6	7.6	90	6.2	0	4	4	10	12	0	0	0	1	2	2	4	7	7	7	0	1	2	11	7	9	3	1	1	0	3	6	4	3
15	15	1003.2	-	6.4	1.1	8.2	84	6.0	1	4	2	15	8	0	0	0	0	0	2	1	7	7	10	3	0	5	14	7	4	2	3	1	1	5	4	7	3
21	21	1004.3	-	4.6	0.7	7.7	89	5.6	2	4	7	3	13	1	0	1	0	0	2	1	9	9	8	0	0	1	12	10	7	3	2	0	2	2	8	5	1
Mull of Galloway [Wigtown]																																					
79	3	1003.1	-	7.5	1.0	8.9	85	5.6	2	4	5	3	16	0	0	0	0	0	0	1	1	4	9	15	3	6	17	4	0	4	2	0	0	8	6	9	1
9	9	1003.1	-	7.7	0.9	9.3	87	5.9	0	4	6	11	9	0	0	0	0	0	0	0	4	4	13	9	3	12	10	5	0	6	0	1	5	2	7	7	2
15	15	1003.3	-	8.6	1.4	9.1	81	5.8	0	5	6	7	10	2	0	1	0	1	0	0	1	5	15	7	2	10	13	5	0	2	1	4	2	5	1	11	4
21	21	1004.0	-	7.7	1.0	9.1	86	5.0	4	4	6	3	12	1	0	0	0	1	0	1	0	3	14	11	1	9	16	4	0	2	3	2	4	4	7	4	4
6b. ISLE OF MAN																																					
Ronaldsway																																					
21	3	1004.3	-	8.5	1.3	9.2	82	6.4	0	3	4	8	15	0	0	0	0	0	2	1	4	5	11	7	0	4	16	9	1	3	0	3	4	3	6	10	0
9	9	1004.6	-7.1	8.3	1.2	9.3	83	6.3	0	2	6	14	8	0	0	0	0	0	0	1	5	10	5	9	0	4	16	10	0	4	0	5	1	3	6	10	1
15	15	1004.5	-	9.5	1.6	9.4	78	6.0	0	3	8	7	12	0	0	0	0	0	1	2	3	7	4	13	0	4	18	8	0	1	2	5	1	4	6	10	1
21	21	1005.0	-	8.3	1.2	9.2	83	6.0	0	4	7	4	15	0	0	0	0	0	1	1	6	6	8	8	0	2	16	12	0	4	1	3	2	4	5	10	1
Point of Ayre																																					
9	3	1004.0	-	7.6	0.5	9.8	93	5.5	1	3	11	3	12	0	0	0	0	0	0	1	3	5	7	14	0	7	14	9	0	5	0	1	5	4	4	9	2
9	9	1004.1	-	8.1	0.5	10.1	92	6.4	0	1	7	12	10	0	0	0	0	0	0	0	4	7	10	9	0	10	13	5	2	3	1	0	6	3	5	8	2
15	15	1004.2	-	9.1	0.9	10.3	88	6.2	0	2	8	7	12	1	0	0	0	1	0	0	4	5	9	11	1	6	17	6	0	1	2	2	3	4	5	9	4
21	21	1004.6	-	7.9	0.5	10.1	93	5.7	0	6	6	5	13	0	0	0	0	0	0	1	2	8	5	14	0	3	18	8	1	2	2	3	1	5	5	8	3
2. ENGLAND, N.E.																																					
Acklington [Northumberland]																																					
46	3	1003.2	-	5.3	0.6	8.3	91	4.8	6	3	5	4	12	0	0	0	0	0	2	3	5	4	8	8	1	1	11	16	1	3	1	0	1	7	4	12	1
9	9	1003.2	-7.5	5.4	0.6	8.3	91	5.5	0	6	6	10	8	0	0	0	0	2	0	3	8	3	11	3	0	4	10	13	3	4	0	0	1	8	2	9	3
15	15	1002.9	-	7.7	1.1	9.0	85	5.5	0	8	4	9	9	0	0	0	0	1	2	4	3	6	8	6	0	3	14	12	1	3	0	1	2	5	5	8	5
21	21	1004.0	-	5.7	0.6	8.5	90	5.0	3	7	2	7	11	0	0	0	0	0	1	5	4	8	7	5	0	0	9	21	0	0	1	0	3	3	6	12	5
Tynemouth [Northumberland]																																					
40	3	1004.1	-	6.2	0.8	8.5	89	5.6	0	5	7	8	10	0	0	0	0	0	1	11	8	6	4	0	1	6	15	7	1	0	1	0	0	9	2	13	4
15	15	1003.6	-	8.3	1.3	9.1	83	6.1	0	2	7	11	10	0	0	0	0	0	3	6	6	11	4	0	2	2	14	12	0	2	1	1	1	8	1	14	2
21	21	1004.4	-	6.9	0.9	8.8	87	4.5	7	3	5	4	11	0	0	0	0	0	2	5	11	10	2	0	0	3	13	13	1	0	1	1	2	5	7	12	1
Seahouses [Northumberland]																																					
12	3	1003.2	-	6.0	0.7	8.5	89	4.9	3	6	5	7	9	0	0	0	0	0	1	2	5	13	8	1	1	5	6	16	2	3	1	0	2	8	7	11	0
9	9	1003.0	-	6.0	0.8	8.3	88	5.8	0	6	4	10	10	0	0	0	0	1	0	1	7	9	7	5	0	5	12	13	0	3	1	0	2	9	2	11	2
15	15	1002.8	-	8.0	1.2	9.0	83	5.9	0	4	6	11	9	0	0	0	0	0	4	2	4	8	5	7	1	4	9	14	2	2	2	2	1	5	3	11	2
21	21	1003.7	-	6.4	0.8	8.6	88	4.4	3	10	3	4	10	0	0	0	0	0	0	2	7	17	4	0	0	2	6	20	2	0	1	1	3	7	4	10	2
Leeming [Yorks, N.Riding]																																					
33	3	1004.5	-	6.2	0.9	8.3	87	5.1	7	4	1	2	14	2	0	1	3	1	2	0	4	5	9	5	0	1	9	17	3	1	0	0	7	5	3	7	4
9	9	1005.0	-6.9	5.9	1.0	8.0	85	5.8	0	5	4	10	9	2	0	1	3	2	3	2	4	5	6	4	1	1	10	15	3	2	0	0	5	8	2	6	4
15	15	1004.7	-	8.4	1.5	8.9	80	5.8	0	5	3	15	7	0	0	0	0	1	4	5	2	3	4	11	0	2	15	12	1	2	2	0	4	6	2	9	4
21	21	1005.4	-	6.8	1.1	8.4	84	5.5	3	6	2	3	14	2	0	2	0	2	2	3	4	2	7	8	0	0	11	18	1	2	0	2	1	11	6	5	2
Whitby C.G. [Yorks, N.Riding]																																					
66	3	1004.3	-	6.9	0.5	9.3	92	5.2	3	5	5	5	12	0	0	0	0	0	2	5	19	4	0	1	3	11	14	1	1	0	1	1	10	9	6	1	
9	9	1003.7	-	6.5	0.7	8.8	90	5.9	0	2	10	6	11	1	0	1	0	0	0	2	5	15	7	0	0	9	10	11	0	1	0	1	4	7	8	7	2
15	15	1003.8	-	8.5	1.0	9.7	87	6.2	0	3	7	11	9	0	0	0	0	1	0	1	4	15	9	0	1	6	13	8	2	1	0	0	2	6	10	5	4
21	21	1004.7	-	7.1	0.7	9.2	90	4.9	6	3	4	7	10	0	0	0	0	0	1	2	6	19	1	1	0	7	12	10	1	2	0	1	3	9	7	6	1
Kilnsea [Yorks, E.Riding]																																					
16	3	1006.0	-	7.1	0.7	9.1	89	5.1	5	4	3	4	14	0	0	0	0	0	0	2	10	18	0	0	1	5	15	9	0	0	0	1	1	6	7	11	4
9	9	1006.3	-5.8	6.9	0.8	8.9	88	6.0	0	4	6	9	10	1	0	1	0	1	2	4	10	12	0	0	1	12	8	9	0	0	0	1	3	6	5	11	4
15	15	1005.9	-	8.6	1.3	9.2	82	6.2	0	3	6	10	10	1	0	1	0	1	0	3	14	11	0	0	2	10	11										

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS

NOVEMBER, 1970

Height of Barometer above M.S.L. in metres	Hour of Observation (GMT)	MEAN PRESSURE IN mbs		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Okta)						VISIBILITY (Metres and Kilometres)						WIND SPEED AND DIRECTION																		
		At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	Mean	0	1-2	3-5	6-7	8	9	0-39 m.	40-190 m.	200-390 m.	400-990 m.	1000-1900 m.	2000-3960 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	
																									SPEED IN KNOTS													
																									8 or more	22-33	11-21	1-10	0									
Number of Observations																																						
3. ENGLAND, E.—contd.																																						
Honington [Suffolk]																																						
51	3	1007.4	-	6.7	0.9	8.8	88	5.1	6	2	5	5	11	1	0	0	1	0	3	9	6	10	1	0	0	1	11	17	1	1	0	3	4	7	7	7	0	1
	9	1008.1	-5.2	7.0	1.1	8.6	85	6.0	0	5	3	11	11	0	0	1	1	0	2	13	3	7	2	0	0	0	11	18	1	0	0	3	4	7	6	8	1	1
	15	1007.4	-	9.3	1.6	9.3	79	6.7	0	2	2	14	12	0	0	0	0	1	3	14	3	6	3	0	1	13	15	1	0	1	1	6	6	7	7	1	1	
	21	1007.7	-	7.8	0.9	9.4	87	5.6	4	3	3	4	15	1	0	1	0	0	1	6	10	8	4	0	0	0	12	18	0	2	0	2	3	7	8	7	1	1
Wattisham [Suffolk]																																						
91	3	1007.8	-	6.6	0.6	9.2	92	5.4	2	4	7	6	10	1	0	1	0	1	0	8	12	6	2	0	0	0	12	17	0	2	0	1	2	10	3	8	4	1
	9	1008.5	-	6.8	0.7	9.0	90	6.2	0	3	5	12	9	1	0	1	1	1	1	11	8	5	1	0	2	12	16	0	0	0	1	3	7	9	9	1	1	
	15	1008.0	-	9.0	1.3	9.5	83	6.9	0	0	5	12	13	0	0	0	2	1	1	11	10	4	1	0	2	14	14	0	0	2	0	2	10	6	8	2	1	
	21	1008.1	-	7.4	0.7	9.5	91	5.6	3	5	3	3	15	1	0	1	0	1	0	6	14	6	2	0	0	1	12	16	1	0	2	0	2	7	9	6	3	1
Aldeburgh [Suffolk]																																						
9	3	1008.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	9	1008.6	-	-	-	-	-	5.0	2	6	6	6	10	0	0	0	0	1	1	1	12	15	0	0	0	3	11	15	1	0	0	2	1	6	7	12	1	1
	15	1008.0	-	-	-	-	-	6.2	0	2	5	12	11	0	0	0	0	0	3	16	11	0	0	1	3	13	12	1	1	1	1	2	5	8	11	0	0	
	21	1008.6	-	-	-	-	-	4.4	9	3	3	3	12	0	0	0	0	1	0	10	19	0	0	0	2	11	17	0	2	0	1	6	7	9	3	1	1	
Wyton [Hunts]																																						
43	3	1007.3	-	6.9	0.8	8.9	88	5.4	4	2	5	8	10	1	0	1	0	2	2	3	8	12	1	1	0	1	6	21	2	0	1	3	4	5	8	6	1	1
	9	1008.0	-	7.1	1.0	8.7	86	6.4	0	2	5	12	11	0	0	1	1	0	3	3	9	4	0	0	0	12	17	1	1	1	2	3	6	12	3	1	1	
	15	1007.2	-	9.7	1.6	9.6	80	6.7	0	2	3	11	13	1	0	1	0	0	1	3	11	7	5	2	0	1	13	15	1	1	1	0	6	4	9	7	1	1
	21	1007.6	-	8.0	0.9	9.5	88	5.4	4	4	3	3	15	1	0	1	0	0	1	4	11	9	4	0	0	0	10	18	2	0	1	4	7	8	6	0	0	
Cardington [Bedford]																																						
29	3	1007.5	-	6.8	0.6	9.2	92	5.9	2	4	5	4	13	2	0	2	0	0	2	1	13	9	3	0	0	0	11	18	1	0	1	2	3	7	8	7	1	1
	9	1008.2	-5.4	7.3	0.8	9.1	89	6.3	1	2	5	9	13	0	0	1	0	0	1	2	9	13	4	0	0	1	12	16	1	0	2	3	2	6	8	7	1	1
	15	1007.4	-	9.9	1.5	10.0	82	6.4	0	4	3	10	13	0	0	0	0	0	1	3	10	7	7	2	0	2	13	15	0	1	2	3	2	7	7	8	0	0
	21	1007.7	-	7.9	0.7	9.8	91	5.6	4	2	4	9	10	1	0	1	0	1	0	4	10	12	2	0	0	1	12	17	0	0	2	1	5	7	8	6	1	1
Stansted [Essex]																																						
102	3	1008.0	-	6.7	0.6	9.2	92	5.1	4	5	4	6	9	2	0	2	0	1	1	3	9	9	5	0	0	0	9	17	4	0	0	3	5	3	7	6	2	1
	9	1008.8	-5.3	7.1	0.8	9.2	90	6.0	0	5	2	12	11	0	0	0	1	2	3	2	7	7	5	3	0	0	11	14	5	0	0	2	3	6	8	5	1	1
	15	1007.9	-	9.6	1.4	9.9	82	6.5	0	2	3	15	10	0	0	0	0	0	2	13	8	4	3	0	0	12	17	1	1	0	3	3	7	8	6	1	1	
	21	1008.3	-	7.6	0.6	9.7	91	5.7	4	4	0	8	13	1	0	1	0	1	0	3	12	10	3	0	0	0	10	17	3	1	0	1	4	6	8	7	0	0
Shoeburyness [Essex]																																						
5	9	1009.1	-5.1	8.7	1.2	9.5	84	6.3	0	3	4	12	11	0	0	1	0	0	1	2	10	5	11	0	0	0	19	11	0	1	0	0	3	6	9	9	2	1
	15	1008.3	-	10.5	1.8	9.9	78	7.0	0	1	2	14	13	0	0	0	0	0	0	1	11	11	6	1	1	0	19	10	0	0	3	1	8	11	5	2	1	
	21	1008.6	-	9.2	1.2	10.0	85	5.4	4	4	4	5	13	0	0	0	0	1	1	2	12	6	7	1	0	0	13	17	0	1	1	1	0	9	9	6	3	1
Walton-on-Naze [Essex]																																						
8	3	1008.3	-	8.2	1.1	9.5	86	4.4	7	4	4	4	11	0	0	0	0	1	0	1	13	15	0	0	0	2	16	10	2	0	0	2	0	5	4	11	6	1
	9	1009.1	-	8.5	1.3	9.1	82	5.7	1	3	7	8	11	0	0	0	0	1	3	8	18	0	0	0	1	2	14	13	0	0	0	1	2	4	7	13	3	1
	15	1008.7	-	10.0	1.8	9.5	77	6.7	0	0	7	9	14	0	0	0	0	0	1	15	14	0	0	0	1	4	16	8	1	0	0	1	2	5	8	9	4	1
	21	1008.6	-	8.8	1.1	9.8	85	5.7	5	1	4	1	18	1	0	0	1	0	2	15	12	0	0	0	0	2	12	15	1	0	0	2	0	5	7	11	4	1
4. MIDLAND COUNTIES																																						
Huddersfield Oakes [Yorks, W.R.]																																						
235	3	1005.1	-	4.9	0.6	7.9	90	6.0	3	1	4	9	10	3	1	2	0	0	0	2	14	4	7	0	1	1	8	14	6	1	2	0	0	1	5	11	4	1
	9	1005.9	-6.4	5.5	0.6	8.3	90	6.5	0	3	4	9	11	3	2	2	0	0	1	4	7	9	5	0	1	0	12	12	5	0	4	0	0	1	8	9	3	1
	15	1005.8	-	7.4	1.1	8.8	84	6.5	1	2	2	11	13	1	0	0	1	1	0	1	13	8	6	0	1	3	8	16	2	1	2	2	0	2	7	12	2	1
	21	1005.9	-	5.7	0.5	8.5	91	5.6	3	4	3	5	14	1	0	3	0	3	0	0	7	7	10	0	0	3	7	17	3	1	2	1	1	1	4	14	3	1
Watnall [Nottingham]																																						
119	3	1006.5	-	6.0	0.5	8.8	93	6.1	3	2	3	6	15	1	0	1	0	2	3	2	9	11	2	0	0	0	6	19	5	0	1	2	1	4	10	6	1	1
	9	1006.8	-6.2	6.6	0.7	8.8	90	6.2	0	3	6	9	11	1	0	1	1	2	4	7	7	6	2	0	0	0	13	17	0	0	3	2	0	6	6	12	1	1
	15	1006.3	-	8.6	1.2	9.5	84	6.3	1	2	4	11	12	0	0	0	1	1	3	6	9	6	4	0	0	1	11	16	2	1	2	1	3	2	8	11	0	0
	21	1006.7	-	6.9	0.6	9.2	91	5.6	2	6	3	3	15	1	0	1	0	2	2	9	11	5	0	0	0	0	7	22	1	2	0	2	3	6	7	8	1	1
Finningley [Nottingham]																																						
14	3	1005.7	-	6.4	0.7	8.8	90	5.5	5	2	3	10	9	1	0	1	0	0	4	1	10	6	5	3	0	1	8	18	3	0	0	3	4	7	4	7	2	1
	9	1005.9	-6.4	6.7	0.7	8.9	90	6.3	1	3	3	10	13	0	0	0	0	4	4	4	5	9	3	1	0	2	9	19	0	3	1	0	4	8	5	6	3	1
	15	1005.6	-	9.2	1.4	9.6	82	6.0	0	4	5	10	11	0	0	0	0	1	1	3	12	5	8	0	0	2	13	13	2	1	2	4	1	4	3	9	4	1
	21	1006.0	-	7.0	0.7	9.1	90	5.8	3	4	2	6	13	2	0	1	1	1	0	3	14	3	6	1	0	0	7	23	0	3	0	2	6	8	3	6	2	1
Wittering [Northampton]																																						
67	3	1006.8	-	6.0	0.6	8.7	91	5.7	4	3	3	7	11	2	0	0	3	0	0	5	11	5	5	1	0	0	13	17	0	0	1	2	6	3	6	11	1	1
	9	1007.4	-5.7	6.7	0.8	8.8	89	6.3	0	4	3	11	11	1	0	1	0	2	0	5	7	6	6	3	0	0	14	16	0	1	1	1	2	6	10	8	1	1
	15	1006.7	-	9.3	1.5	9.5	81	6.3	1	3	2	13	11	0	0	1	0	0	0	4</																		

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS NOVEMBER, 1970

Height of Barometer above M.S.L. in metres	Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY			CLOUD AMOUNT (Oktas)					VISIBILITY (Metres and Kilometres)							WIND SPEED AND DIRECTION																							
		At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	Mean	0	1-2	3-5	6-7	8	9	0-10 m.	40-100 m.	200-300 m.	400-500 m.	1000-1500 m.	2000-3000 m.	4-9 km	10-15 km	20-30 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.					
																									34 or more	22-33	11-21	1-10	0													
																																						SPEED IN KNOTS				
																																						4, 7	4, 5	1-3	Calm	
Number of Observations																																										
4. MIDLAND COUNTIES - contd.																																										
Little Rissington [Gloucester]																																										
229	3	1007.8	-	6.1	0.7	8.6	90	6.3	1	2	5	10	8	4	1	2	1	1	1	4	6	7	5	2	0	1	11	17	1	0	1	2	4	5	8	8	1					
	9	1008.4	-5.3	6.4	0.8	8.7	89	6.7	0	3	2	11	9	5	0	6	0	0	1	1	4	5	12	1	0	2	14	14	0	1	1	4	0	5	11	6	1					
	15	1007.5	-	8.8	1.5	9.2	80	6.5	0	3	3	13	11	0	0	1	0	0	1	2	7	4	11	4	0	3	13	14	0	1	1	2	4	6	11	6	1					
	21	1008.0	-	6.9	0.6	9.2	91	6.1	0	4	5	8	12	1	0	1	1	1	0	4	7	6	6	4	0	1	10	19	0	0	1	2	3	6	8	9						
5. ENGLAND, S.E.																																										
Heathrow [Greater London]																																										
26	3	1008.1	-	7.7	0.8	9.5	88	5.7	0	8	3	6	12	1	0	0	1	1	0	2	12	5	8	1	0	1	10	19	0	0	0	4	1	10	8	5						
	9	1008.8	-5.3	8.1	1.1	9.3	85	6.4	0	3	4	13	9	1	0	0	1	0	0	5	12	13	7	0	0	1	12	15	2	0	0	3	5	5	11	3						
	15	1007.9	-	10.9	2.0	10.0	76	6.5	0	2	4	14	10	0	0	0	0	0	1	3	4	10	1	0	0	1	18	11	0	1	0	1	3	8	10	6						
	21	1008.4	-	8.9	1.0	10.1	87	5.6	4	3	2	9	12	0	0	0	0	1	0	4	14	9	2	0	0	0	10	20	0	1	1	3	1	8	10	6						
Kew [Greater London]																																										
10	9	1009.0	-5.1	8.2	1.4	9.2	84	6.1	0	2	6	13	9	0	0	1	0	0	0	2	12	7	8	0	0	0	6	21	3	0	0	2	3	7	10	4						
	15	1008.1	-	10.8	2.2	9.8	75	6.5	0	2	4	14	10	0	0	0	0	0	0	2	8	9	10	1	0	1	5	24	0	1	0	2	2	8	10	6						
	21	1008.5	-	8.6	1.1	9.9	87	5.7	2	5	2	7	14	0	0	1	0	1	0	3	7	12	6	0	0	0	3	27	0	1	1	2	1	9	13	3						
Gatwick [Surrey]																																										
59	3	1008.9	-	6.4	0.5	9.2	92	5.4	3	5	4	5	12	1	0	1	1	1	1	9	7	8	2	0	0	0	7	16	7	0	1	3	0	4	8	5						
	9	1009.8	-	7.2	0.7	9.4	90	6.6	0	3	1	16	10	0	0	1	0	2	2	2	9	8	6	0	0	0	10	16	4	1	0	2	2	6	8	6						
	15	1008.8	-	10.2	1.5	10.1	81	6.3	0	3	4	12	11	0	0	0	1	0	0	2	9	11	6	1	0	1	16	13	0	0	2	1	2	8	11	5						
	21	1009.3	-	7.8	0.7	9.9	91	5.5	4	4	1	7	13	1	0	2	1	0	0	5	10	11	1	0	0	1	7	18	4	1	2	1	1	5	9	6						
Dungeness [Kent]																																										
7	3	1009.1	-	9.8	0.5	11.6	94	4.8	7	3	3	4	13	0	0	0	0	0	0	0	3	11	16	0	2	7	9	11	1	1	0	2	1	10	2	12						
	9	1009.4	-	9.4	0.5	11.0	93	6.1	0	4	5	9	12	0	0	0	0	0	0	0	4	9	16	1	1	6	12	10	1	1	0	0	2	11	1	12						
	15	1009.3	-	11.1	0.9	11.8	89	6.6	0	2	3	13	12	0	0	0	0	0	0	0	2	7	20	1	1	6	12	7	1	0	0	1	0	11	4	11						
	21	1009.4	-	10.5	0.7	11.8	91	5.2	6	2	4	3	15	0	0	0	0	0	0	0	1	5	24	0	3	5	11	8	3	0	0	1	0	11	3	12						
Deal [Kent]																																										
10	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
	15	1009.3	-	10.6	1.8	10.0	77	7.0	0	0	3	14	13	0	0	0	0	0	0	2	9	16	1	2	0	3	14	13	0	0	0	1	2	7	7	11						
	21	1009.4	-	9.7	1.2	10.3	84	4.6	8	4	1	5	12	0	0	0	0	0	1	0	6	19	3	1	0	1	13	13	3	0	0	1	0	5	5	13						
Manston [Kent]																																										
15	3	1008.9	-	8.3	0.9	9.9	89	5.1	0	7	8	5	10	0	0	0	0	1	0	2	5	8	13	1	0	5	13	12	0	0	0	2	2	9	9	6						
	9	1008.8	-	8.2	1.0	9.4	86	6.0	0	6	2	13	9	0	0	0	0	0	0	2	9	4	8	7	0	2	17	11	0	0	0	2	1	10	9	6						
	15	1009.1	-	10.1	1.6	10.0	80	6.7	0	1	3	18	8	0	0	0	0	0	0	0	9	6	12	3	0	3	17	9	1	0	0	1	2	10	9	6						
	21	1009.3	-	8.7	1.0	9.9	87	5.6	2	4	5	8	11	0	0	0	0	0	1	0	5	9	14	1	0	2	13	14	1	0	1	0	1	9	12	4						
Thorney Island [Sussex]																																										
4	3	1009.1	-	8.5	0.5	10.6	92	5.4	3	6	1	6	14	0	0	0	1	0	0	4	5	14	5	1	0	2	13	15	0	1	1	6	2	2	5	11						
	9	1010.1	-4.3	8.7	0.9	10.0	88	6.7	0	2	2	15	11	0	0	0	0	0	1	2	8	6	13	0	0	2	11	17	0	2	1	6	2	6	3	7						
	15	1009.1	-	10.9	1.3	11.0	84	6.5	0	2	3	15	10	0	0	0	0	0	0	3	7	3	14	3	0	3	18	9	0	0	1	1	4	5	7	10						
	21	1009.7	-	9.2	0.7	10.7	91	5.3	1	5	7	7	10	0	0	0	0	1	0	2	9	14	4	0	0	1	10	19	0	2	0	5	1	4	8	10						
Eastbourne C.G. [Sussex]																																										
7	9	1009.8	-4.7	9.0	1.3	9.8	84	6.2	0	1	7	12	10	0	1	0	0	0	1	15	13	0	0	7	11	7	5	1	0	0	2	6	1	12	3							
	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
	21	1009.3	-	10.4	1.3	10.7	83	4.8	8	2	4	3	13	0	0	0	0	0	0	0	16	14	0	0	0	9	5	15	1	1	1	0	8	3	12	3						
Abingdon [Berkshire]																																										
71	3	1007.7	-	6.7	0.8	8.9	88	5.6	3	5	1	9	12	0	0	0	0	3	0	8	9	10	0	0	0	7	21	2	0	1	6	4	1	5	9							
	9	1008.3	-5.7	7.3	0.9	9.0	87	6.6	0	1	5	11	13	0	0	0	1	1	4	6	6	9	2	0	0	11	17	2	1	1	2	7	4	7	5							
	15	1007.5	-	10.2	1.8	9.7	77	6.5	0	1	5	15	9	0	0	0	0	0	1	6	10	12	1	0	0	15	15	0	1	1	2	4	5	8	8							
	21	1008.0	-	7.9	0.9	9.5	87	5.6	1	3	6	9	11	0	0	0	1	0	0	2	8	14	5	0	0	0	7	21	2	2	1	1	6	4	5	8						
Hurn [Hampshire]																																										
14	3	1008.4	-	8.0	0.7	10.0	91	4.8	3	6	6	7	8	0	0	0	1	0	4	9	13	3	0	0	0	10	15	5	1	0	4	4	0	6	9							
	9	1008.4	-4.8	8.4	0.8	10.1	89	6.2	1	1	7	10	11	0	0	0	0	0	5	8	9	8	0	0	0	12	13	5	0	1	3	3	7	3	8							
	15	1008.6	-	11.3	1.5	11.0	81	6.3	0	2	6	13	9	0	0	0	0	0	1	11	9	7	2	0	0	16	14	0	1	1	0	4	4	14	5							
	21	1009.0	-	9.1	0.8	10.5	89	5.5	1	4	7	8	10	0	0	0	0	1	3	13	11	2	0	0	1	10	17	2	1	1	1	2	6	12	4							
S. Farnborough [Hampshire]																																										
70	3	1008.5	-	7.2	0.8	9.4	91	5.4	4	2	7	5	11	1	0	0	1	0	1	7	11	7	2	0	0	12	14	4	0	0	2	5	4	6	6							
	9	1009.3	-5.0	7.9	0.8	9.6	89	6.4	0	3	3	14	9	1	0	0	1	0	0	2	6	7	8	0	0	13	15	2	0	0	2	6	5	5	9							
	15	1008.4	-	10.5	1.6	10.3	80	6.3	1	1	5	12	11	0	0	0	0	1	0	8	5	10	6	0	0	13	17	0	1	0	1	5	6	11	4							
Lyneham [Wiltshire]																																										
149	3	1007.9	-	7.0	0.6	9.3	91	6.2	0	4	3	10	13	0	0	1	0	0	5	8	8	8	0	0	0	14	14	2	0	1	2	4	6	7	7							
	9	1008.6	-5.3	7.5	0.8	9.4	89	6.6	0	1	6	11	12	0	0	1	0	0	2	1	7	11	1	0	0	15	15	0	0	2	0	3	12	7	5							

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS

NOVEMBER, 1970

Height of Barometer above M.S.L. in metres	Hour of Observation (GMT)	MEAN PRESSURE IN mbs		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktaa)					VISIBILITY (Metres and Kilometres)							WIND SPEED AND DIRECTION																		
		At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	MEAN	0	1-2	3-5	6-7	8	9	0-39 m.	40-190 m.	200-390 m.	400-990 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	
																									SPEED IN KNOTS													
																									8 or more	4, 7	4, 5	1-3	Calm									
																									14 or more	22-33	11-21	1-10	0									
Number of Observations																																						
7a ENGLAND, N.W.																																						
Ringway [Cheshire]																																						
84	3	1005.7	-	7.0	1.0	8.7	86	5.9	3	2	4	8	13	0	0	0	0	2	3	5	12	7	1	0	1	8	20	1	0	1	3	2	11	2	7	3		
	9	1006.1	-6.3	7.3	1.1	8.7	84	6.6	0	2	3	13	12	0	0	0	0	2	1	4	11	11	1	0	0	1	10	17	2	0	2	1	3	12	3	5	2	
	15	1005.7	-	9.3	1.7	9.2	78	6.4	0	3	4	12	11	0	0	0	0	0	0	8	8	10	4	0	0	1	15	13	1	2	1	1	2	9	3	10	1	
	21	1006.1	-	7.6	1.2	8.8	83	6.1	1	3	4	9	13	0	0	0	0	1	8	12	7	2	0	0	0	9	21	0	2	1	3	2	13	4	3	2		
7b NORTH WALES																																						
Valley [Anglesey]																																						
11	3	1005.1	-	8.7	1.2	9.5	83	6.6	0	0	7	12	11	0	0	0	0	0	0	4	9	13	4	2	10	15	3	0	2	1	2	5	5	4	10	1	1	
	9	1005.5	-6.1	9.2	1.3	9.7	83	6.5	0	2	5	14	9	0	0	0	0	1	1	1	8	14	5	1	13	12	4	0	4	1	2	2	6	6	7	2	2	
	15	1005.4	-	9.8	1.5	9.9	81	6.5	0	3	3	11	13	0	0	0	0	0	0	4	10	9	7	2	6	20	2	0	1	4	1	3	4	8	6	3	3	
	21	1005.6	-	9.0	1.2	9.7	83	6.1	2	1	7	7	13	0	0	0	0	0	0	7	8	11	4	1	6	18	4	1	2	1	2	3	3	7	7	4	4	
Bardsey Island [Caernarvon]																																						
19	3	1005.3	-	9.8	0.6	11.2	92	6.4	2	0	6	4	18	0	0	0	0	0	0	4	14	9	3	1	12	15	2	0	4	1	3	1	5	3	12	1	1	
	9	1005.7	-	10.0	0.6	11.3	91	7.0	0	0	3	12	15	0	0	0	0	0	0	2	9	10	9	1	12	18	3	1	6	0	1	4	5	2	9	2	2	
	15	1005.4	-	10.2	0.7	11.5	91	6.9	0	0	6	10	14	0	0	0	0	0	0	0	8	13	9	1	10	16	3	0	2	2	3	3	3	5	8	4	4	
	21	1005.9	-	10.0	0.8	11.1	90	6.2	3	0	7	3	17	0	0	0	0	0	0	4	8	10	8	0	6	16	7	1	2	0	3	2	3	3	10	6	6	
8a SOUTH WALES																																						
Aberporth [Cardigan]																																						
134	3	1006.1	-	8.2	1.1	9.4	85	5.5	1	5	7	4	13	0	0	0	0	0	0	11	7	11	1	2	7	17	4	0	1	0	0	9	5	0	11	4	4	
	9	1006.7	-5.9	8.7	1.2	9.6	84	6.8	0	0	5	14	11	0	0	0	0	0	3	5	10	8	4	1	6	21	2	0	1	1	1	7	4	5	8	3	3	
	15	1006.0	-	9.3	1.3	9.7	82	6.3	0	2	6	12	10	0	0	0	0	0	0	7	12	9	2	0	4	23	3	0	1	1	0	7	6	2	7	6	6	
	21	1006.4	-	8.3	1.1	9.5	86	5.8	0	7	2	7	14	0	0	0	0	0	0	11	9	6	4	0	6	18	6	0	0	0	0	6	10	0	7	7	7	
Milford Haven C.B. [Pembroke]																																						
39	3	1006.9	-	9.5	1.1	10.2	85	5.5	5	0	6	3	16	0	0	0	0	0	0	11	14	5	0	0	4	13	10	3	0	0	3	4	3	3	6	8	5	
	9	1007.3	-5.6	10.1	1.3	10.4	83	6.3	0	0	9	8	13	0	0	0	0	0	0	15	13	2	0	0	3	19	8	0	2	1	3	2	4	7	6	5	5	
	15	1006.7	-	10.9	1.5	10.8	82	6.5	0	0	8	12	10	0	0	0	0	0	0	1	19	8	2	0	0	4	15	11	0	2	0	1	5	2	6	10	4	
	21	1007.3	-	9.9	1.1	10.6	85	5.0	2	6	7	5	10	0	0	0	0	0	0	12	14	4	0	0	0	14	14	2	2	0	2	4	2	3	9	6	6	
Brynamman [Carmarthen]																																						
	9	-	-	7.4	0.4	9.9	94	6.6	0	3	2	13	12	0	0	0	0	4	3	9	9	5	0	0	1	6	17	6	2	2	0	5	2	3	5	5	5	
	15	-	-	9.2	0.7	10.6	90	6.7	0	2	3	13	12	0	0	0	0	4	4	8	4	10	0	0	0	10	20	0	2	1	0	5	3	4	10	5	5	
	21	-	-	7.6	0.4	10.0	94	6.3	0	4	3	9	13	1	0	0	1	1	7	7	14	0	0	0	0	3	24	3	1	4	1	5	0	4	8	4	4	
Mumbles [Glamorgan]																																						
37	3	1006.6	-	9.1	0.9	10.2	87	5.3	4	1	9	3	13	0	0	0	0	0	0	4	10	16	0	1	4	14	11	0	0	3	6	0	4	1	14	2	2	
	9	1007.0	-	9.7	1.1	10.4	85	6.6	0	0	7	10	13	0	0	0	0	0	3	12	6	8	1	1	5	19	5	0	2	0	4	1	3	6	14	0	0	
	15	1006.5	-	10.5	1.5	10.5	82	6.8	0	1	3	15	11	0	0	0	0	0	1	13	7	9	0	2	9	18	1	0	2	1	4	1	4	8	8	2	2	
	21	1006.7	-	9.7	1.1	10.3	86	5.9	0	3	9	6	12	0	0	0	0	0	1	7	9	13	0	0	3	17	10	0	3	1	5	1	3	3	13	1	1	
Rhoose [Glamorgan]																																						
69	3	1007.4	-	8.0	0.8	9.7	89	5.8	3	2	4	11	10	0	0	0	0	0	1	5	14	6	4	0	1	13	15	1	0	4	5	3	1	2	13	1	1	
	9	1008.0	-5.9	8.8	0.9	10.0	87	6.6	0	2	4	14	10	0	0	0	0	1	3	6	12	6	2	0	2	16	11	1	0	4	4	2	4	3	11	1	1	
	15	1007.4	-	10.1	1.3	10.4	83	6.5	0	2	3	16	9	0	0	0	0	0	1	8	6	12	3	0	2	17	10	1	0	1	4	3	3	5	12	1	1	
	21	1007.6	-	8.7	0.8	10.2	89	6.0	0	6	1	13	10	0	0	0	1	0	4	4	13	5	3	0	0	15	14	1	0	1	6	2	3	3	12	2	2	
8b ENGLAND, S.W.																																						
Yeovilton [Somerset]																																						
23	3	1008.4	-	7.7	0.9	9.5	88	6.0	1	3	6	6	13	1	0	0	1	0	4	14	11	0	0	0	1	9	14	6	1	0	4	3	2	4	9	1	1	
	9	1009.1	-	8.9	1.1	9.9	86	6.6	0	1	7	11	10	1	0	0	1	0	4	7	17	1	0	0	2	8	15	5	0	1	3	5	6	3	6	1	1	
	15	1008.2	-	11.3	2.0	10.3	76	6.4	0	1	6	14	9	0	0	0	0	0	2	6	13	9	0	0	0	17	13	0	1	1	0	4	7	6	8	3	3	
	21	1008.6	-	9.0	1.1	10.1	86	5.7	2	1	8	10	9	0	0	0	0	0	1	9	20	0	0	0	3	11	13	3	0	1	1	7	5	8	4	1	1	
Portland Bill [Dorset]																																						
54	3	1008.2	-	10.5	0.9	11.3	88	5.3	3	7	1	7	12	0	0	0	0	0	0	13	11	5	1	0	9	16	4	1	1	0	2	2	5	3	11	5	5	
	9	1009.1	-	10.6	1.0	11.3	87	6.6	0	1	7	8	14	0	0	0	0	0	2	9	8	11	0	1	9	13	6	1	2	1	1	2	7	1	11	4	4	
	15	1008.5	-	11.2	1.1	11.6	86	6.6	0	1	6	13	10	0	0	0	0	0	5	12	5	8	0	0	9	16	5	0	2	0	2	2	4	4	12	4	4	
	21	1008.9	-	10.7	0.9	11.5	88	5.4	0	6	8	2	13	1	0	0	1	0	0	2	10	9	8	0	0	8	18	4	0	1	1	1	2	4	5	11	5	
Hartland Point [Devon]																																						
93	3	1008.3	-	9.9	1.4	10.1	82	5.8	2	2	7	8	11	0	0	0	0	1	0	3	12	13	1	4	6	14	5	1	0	0	3	0	6	2	10	8	8	
	9	1008.4	-	10.0	1.2	10.5	84	6.6	0	0	7	12	11	0	0	0	0	1	4	15	9	1	3	8	15	4	0	2	1	0	4	3	2	14	4	4		
	15	1008.2	-	10.7	1.4	10.8	81	6.5	0	0	7	16	7	0	0	0	0	0	1	8	11	9	1	2	11	14	3	0	0	1	1	1	5	1	14	7	7	
	21	1008.3	-	10.0	1.2	10.6	85	5.4	0	4	9	8	9	0	0	0	0	2	5	16	7	0	0	8	15	7	0	2	1	0	3	8	2	7	7	7	7	
Mount Batten [Devon]																																						
30	3	1008.8	-	9.5	0.8	10.8	90	5.7	3	3	4	10	10	0	0	0	0	0	2	7	14	7	0	0	3	13	13	1	2	1	2	4	3	3	8	6	6	
	9	1009.4	-4.6	9.5	0.6	11.1	92	6.4	0	2	3	17	8	0	0	0	0	0	2	12	12	4	0	0	2	12	12	4	0	1	1	3	2	6	4	8	1	
	15	1008.8	-	11.4	1.4	11.3	83	6.6	0	2	3	17	8	0	0	0	0	0	1	6	16	7	0	0	6	21	3</											

TABLE II—ADDITIONS

DISTRICT COUNTY AND PLACE			HEIGHT OF VANE IN METRES			DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED										Mean Hourly Wind Speed in knots	HIGHEST VELOCITIES					
			Above Mean Sea Level	Above ground	Effective Height	34 Knots or more (Gale force)			22 to 33 knots		11 to 21 knots	4 to 10 knots	Less than 4 knots	No Record	HIGHEST HOURLY WIND			HIGHEST GUST				
						Dates of Occurrence	Duration (hr)	No. of days	Duration in Hours				Veer from N	Speed in knots	Hour ended at day hour		Veer from N	Speed in knots	Day and Time			
		Dalcross	19	10	10	-	0	5	28	225	280	187	0	8.7	230	33	1 03	230	55	1 0225		
		Watnall	180	13	10	-	0	2	7	287	395	91	0	8.6	260	29	03 15	260	48	3 1435		
		Trawsfynydd	194	10	10	23	1	11	52	278	347	42	0	11.1	220	34	23 04	210	64	23 1910		
		Aberporth	144	10	10	3, 19, 23	5	22	153	480	76	6	0	17.1	180	35	23 13	270	51	3 0930		
		Coleraine University	33	10	10	3	3	7	24	332	220	118	23	10.8	250	35	03 9	310	65	3 1020		

TABLE III—ADDITIONS AND CORRECTIONS

[illegible]

Amendment to June 1970 Text - Under Rainfall amend "67mm of rain fell in 25 minutes at the Radar Research Establishment, Pershore" to read "45mm of rain fell in 20 minutes..."

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DUPLICATE ALSO

Monthly Weather Report

OF THE METEOROLOGICAL OFFICE

Summary of observations compiled from returns of official stations and voluntary observers.

Volume 87 Number 12.

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December 1970 — *Drier than average; a white Christmas in the south*

Relatively low pressure in all areas during the first week was followed by an intense anticyclone which crossed the British Isles from the 7th to 10th. On the 8th a mean-sea-level pressure of 1047 mb was reported at Mullingar (Republic of Ireland) and on the next day Aldergrove (Co. Antrim) recorded its highest December mean-sea-level pressure (1046.3 mb) since records began in 1926. High pressure continued to predominate for the remainder of the month but weak troughs of low pressure occasionally affected the north and west up to the 19th and southern districts during the last 10 days or so.

Weather — A changeable first week was followed by settled, mainly dry weather until about the 15th. The second half of the month began mild but after the 21st it became cold with snow showers or periods of snow. The heaviest snowfalls were in England and Wales; traffic in the south was disrupted and Boxing Day sporting activities were curtailed.

Wind — Gales were less frequent than average. On the 4th and 5th gusts exceeded 50 kt in parts of north and west Scotland and on the 16th and 17th gales were reported in Scotland and northern England. A gust of 63 kt was recorded at Lerwick (Shetland) on the 17th. During the last 5 days easterly winds were occasionally strong on the east coast of England and, on the 30th, a gust of 70 kt was reported at Whitby Coastguard (North Riding of Yorkshire).

Temperature — Monthly mean temperature was near average in most areas but in southern England mean temperature was about 1 degC below average in some places. On the morning of the 8th severe frost occurred in Scotland and the next 8 days were cold everywhere. A very cold spell commenced on the 21st and thereafter frost was reported nightly. Some very low air temperatures occurred in the snowy areas and frost occasionally persisted throughout the day. The 27th was particularly cold and day-time maximum temperatures of -3.6°C and -2.5°C were recorded at North Hessary Tor (Devon), height 510 metres, and Upavon (Wiltshire), 176 metres, respectively. Among the lowest minima during the month were the following: -9.4°C at Cairngorm (Inverness-shire) on the 21st and 22nd, -9.0°C at Cenarth Mill (Radnorshire) on the 31st; -8.3°C at Caldecott (Leicestershire) and Wallingford (Berkshire) on the 28th; -4.5°C at Lough Navar Forest (Co. Fermanagh) on the 27th, 28th and 29th.

There were two mild spells: the first week, especially in the south and west, and a few days around the 18th, particularly in the west and north. The highest maxima recorded included: 14.4°C at Southgate (Greater London) on the 4th and at Ceinws (Montgomeryshire) on the 19th; 14.1°C at Kilkeel (Co. Down) on the 20th; 13.9°C at Elgin (Moray) on the 18th and at Dinnet (Aberdeenshire) on the 19th.

Rainfall — Although slight rainfall excesses were recorded in small areas in south-east Scotland and north-east and south-east England, rainfall (including melted snow) was below average and substantially so over large regions of the country. Less than half the average occurred in most of Northern Ireland, in much of Wales, over the greater part of England west of a line from Carlisle to Portsmouth and in parts of south-west and north-east Scotland. In Co. Down rainfall did not reach a quarter of the average and Reagh Island had only 14 mm of rain during the whole month. It was the driest December at Craibstone (Aberdeenshire) since records began in 1925, at Glamis Castle (Angus) since 1926 and at Ross-on-Wye (Herefordshire) since 1933.

Despite heavy rain during the first week in northern and western districts, falls were not especially large. From the 7th to 14th most places were dry and subsequent amounts of rain (or melted snow) during the month were small. Thunder occurred at times during the first

week, mostly in the north and west and again in the west on the 12th. On the 6th hailstones about 22 mm in diameter fell at Hawkrigde (Somerset).

Snow — Although slight snow occurred during the first 7 days on high ground in Scotland, the main snowfall was during the last 8 days and affected especially southern England. Snow showers fell in England and Wales on the 24th and many areas, except south-west England, had a covering of snow on Christmas morning. On the 26th more persistent snow accompanied a shallow depression westwards across southern England and on the 27th about 8 cm of snow were lying on high ground as far north as Huddersfield and about 15 cm occurred in much of Kent and east Sussex, even on low ground. On the next day wintry weather extended to much of the remainder of the country. Following further heavy snow in the south on the 29th, strong winds led to deep drifts on the higher ground and roads were blocked for a time; snowdrifts 2 metres deep were reported on Dartmoor on the 30th.

Sunshine — The month was sunnier than average in most parts of the country and the average was substantially exceeded in some areas. Together with December 1965, this was the sunniest December at Dumfries since records began in 1909. Glasgow (Springburn) recorded 240 per cent of average sunshine which, apart from December 1967, represents the highest December sunshine there since records commenced in 1915. Farther south Llety-evan-hen (Cardiganshire) had 75.7 hours sunshine which is its highest December total since 1948. Exceptions to the sunny month occurred in parts of north Scotland, eastern England and the West Country.

Fog — Overnight fog, freezing in places, occurred during the second week, mainly in the Midlands and southern England where, occasionally, it persisted all day in some areas. Air traffic was disrupted at times, especially in the south from the 13th to 15th. Hill fog was extensive on the 17th and 18th.

Miscellaneous Phenomena. — On the 6th whirlwinds were seen in Gosport (Hampshire) and near Littlestone (Kent). The aurora was seen by observers in Scotland on 11 nights.

TABLE I—DISTRICT VALUES, December 1970

DISTRICTS	AIR TEMPERATURE °C					EARTH TEMP. °C		RAIN DAYS	RAIN-FALL	SUN-SHINE
	*Highest Max.	*Lowest Min.	Max.	Min.	Mean	Mean 30 cm.	Mean 122 cm.			
	Difference from Average							% of Average		
0 SCOTLAND, N.	11.7	-4.5	-0.1	-0.4	-0.2	+0.2	+0.8	-1	74	103
1 SCOTLAND, E.	12.8	-2.8	-0.3	+0.3	0.0	+0.8	+0.2	-2	80	111
2 ENGLAND, N.E.	12.0	-5.6	-0.1	0.0	-0.1	+0.9	+1.0	+1	95	129
3 ENGLAND, E.	12.3	-5.0	-0.5	-0.4	-0.4	+0.7	+0.4	0	85	89
4 MIDLANDS	13.2	-4.1	-0.7	-0.3	-0.5	+0.6	+0.6	-3	49	119
5 ENGLAND, S.E.	12.8	-5.6	-0.9	-0.7	-0.8	+0.2	+0.5	-3	59	99
6 SCOTLAND, W.	14.3	-7.5	-0.1	+0.2	0.0	+0.4	0.0	-2	69	132
7 ENGLAND, N.W. and N. Wales	12.2	-3.9	-0.4	0.0	-0.2	+1.0	+0.8	-3	41	161
8 ENGLAND, S.W. and S. Wales	13.9	-5.0	-1.1	-0.8	-1.0	+0.2	+0.5	-4	43	116
N. IRELAND	13.2	-4.0	0.0	-0.3	-0.1	--	--	-6	36	130
SCOTLAND	14.3	-7.5	-0.2	0.0	-0.1	--	--	-2	74	115
ENG. and WALES	13.9	-5.6	-0.6	-0.4	-0.5	--	--	-2	62	119

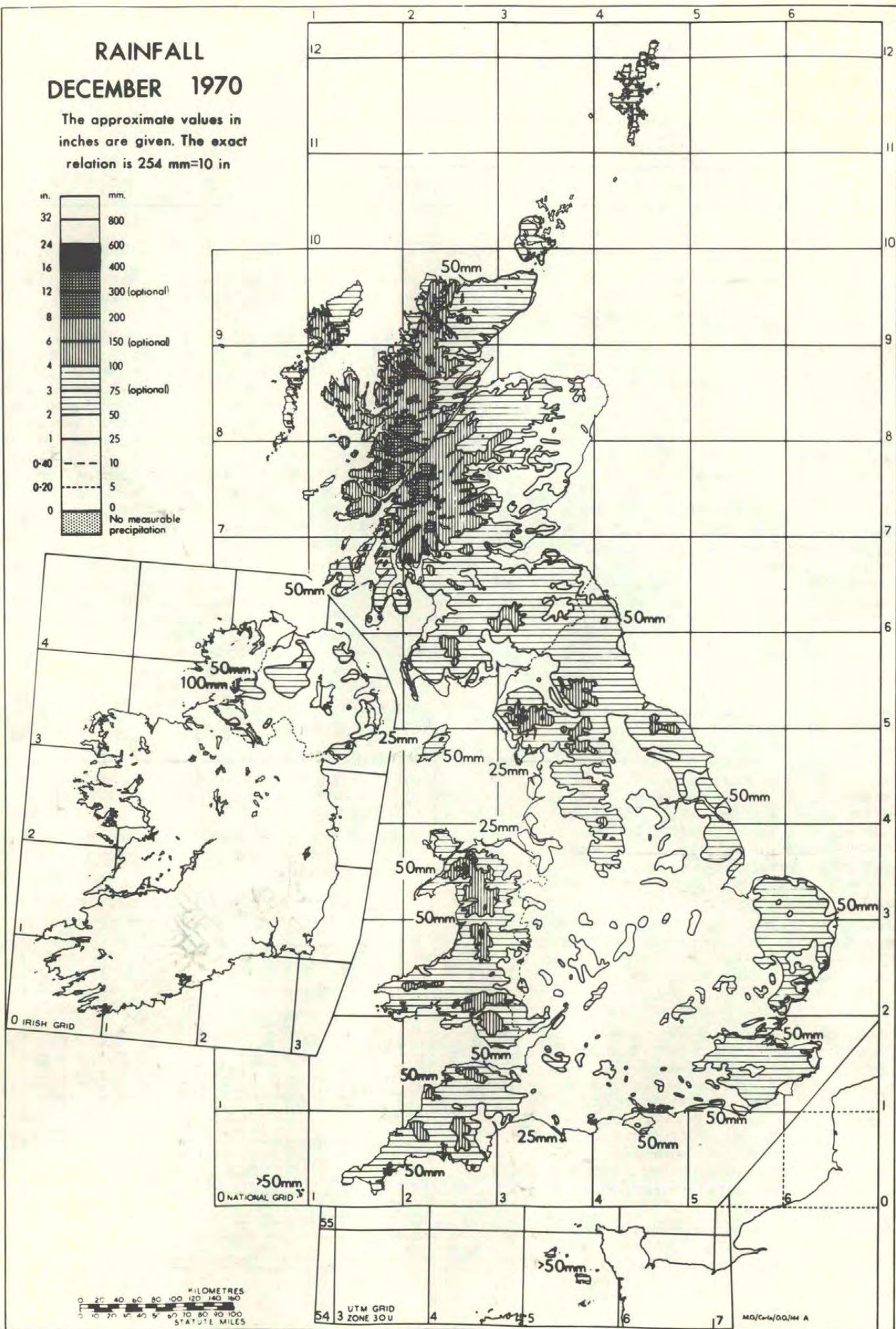
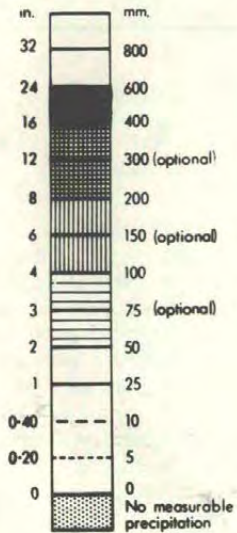
*Highest Max. and Lowest Min. of the District Value Stations.



F43A

RAINFALL DECEMBER 1970

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



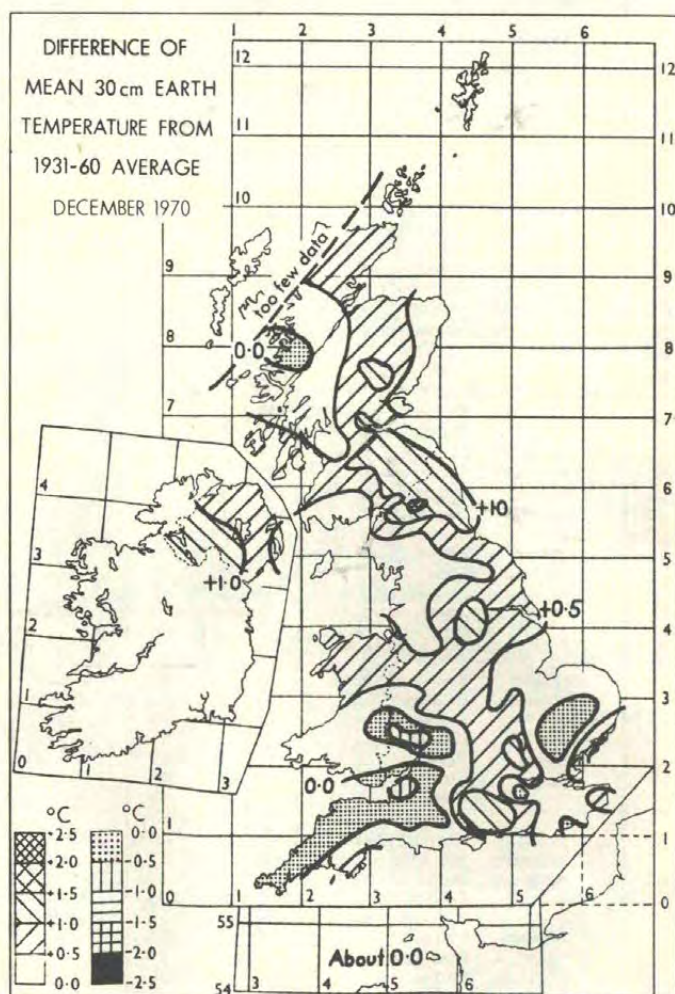
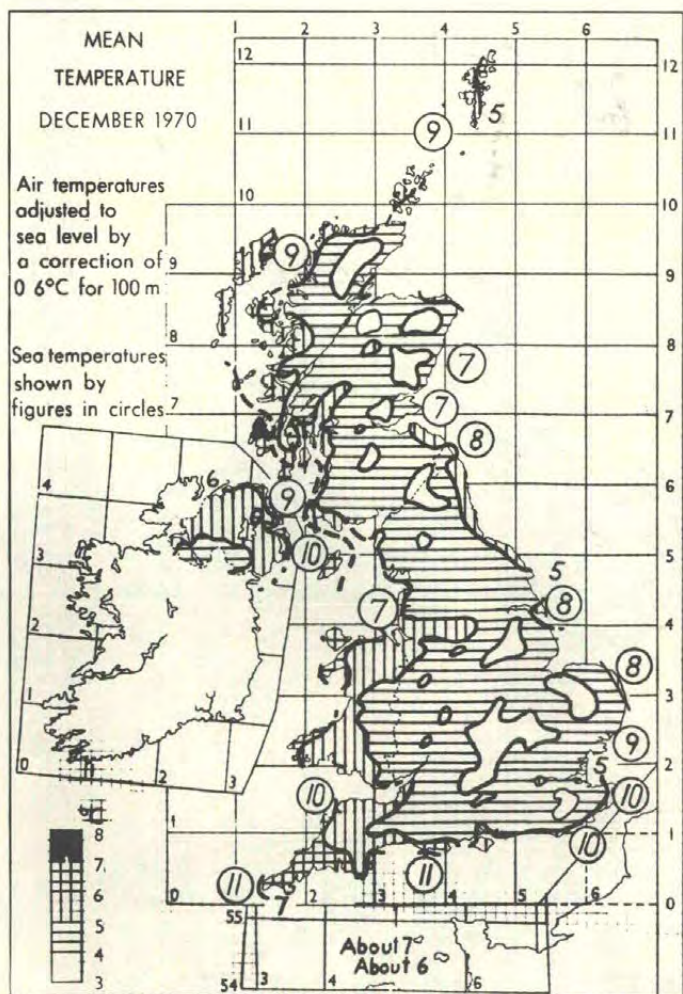
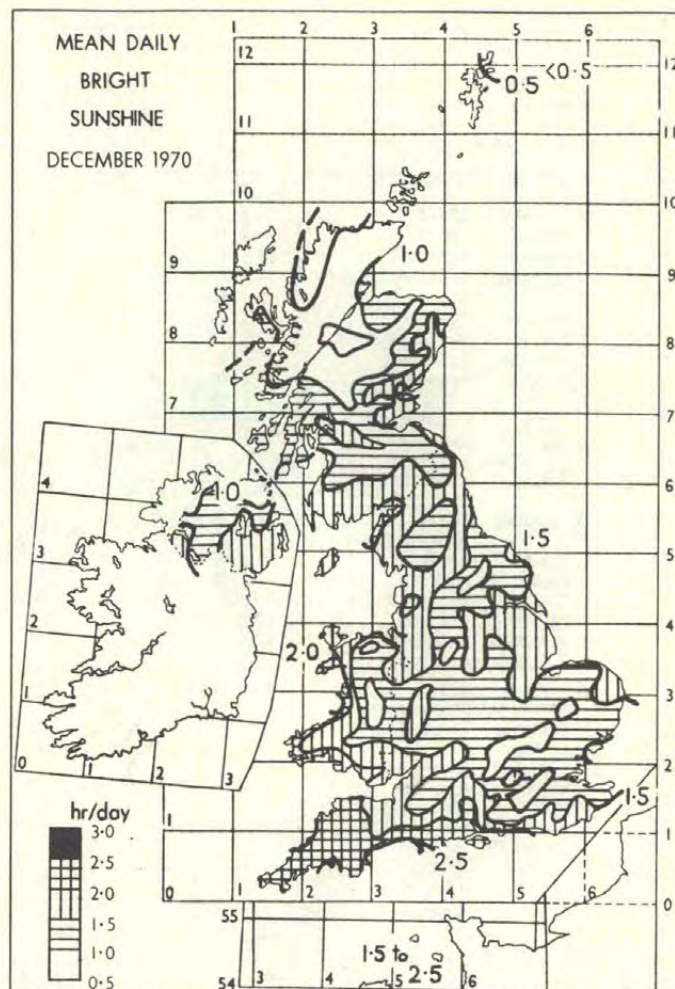
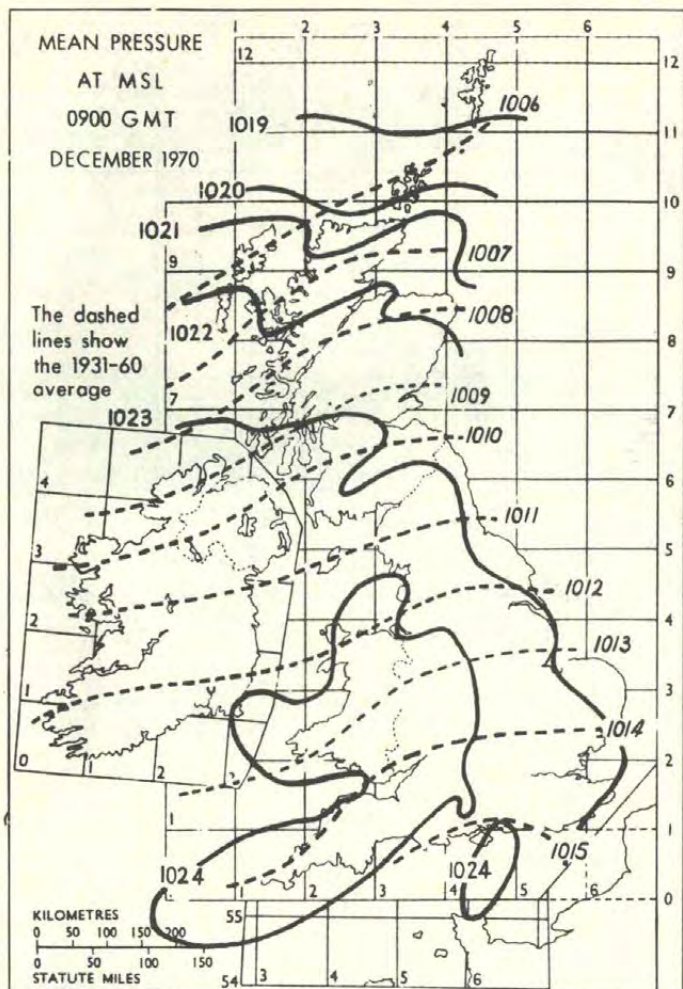


TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND—

DECEMBER, 1970

DISTRICT COUNTY AND PLACE			HEIGHT OF VANE IN METRES		DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED										Mean Hourly Wind Speed in knots	HIGHEST VELOCITIES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
			Above Mean Sea Level	Above ground	Effective Height	34 Knots or more (Gale force)		22 to 33 knots		11 to 21 knots	4 to 10 knots	Less than 4 knots	No Record	HIGHEST HOURLY WIND			HIGHEST GUST																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
						Dates of Occurrence	Duration (hr)	No. of days	Duration in Hours				Veer from N	Speed in knots		Hour ended at day hour	Veer from N	Speed in knots	Day and Time																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

DECEMBER, 1970

DISTRICT, COUNTY AND PLACE	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days												BRIGHT SUNSHINE				
			MEANS OF		Daily Mean (mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1931-60 average	Amount (mm.)	Date	MOST IN A DAY		Precip'n		Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure
			Max. (A)	Min. (B)			Maximum	Date	Minimum	Date							0.2 mm or more	1/16mm or more															
0 SCOTLAND, N. -contd.																																	
Inverness																																	
Benbecula ...	21-9	6	7.6	3.8	5.7	-0.2	10.9	18	-2.4	25	-	-	76	65	15	16	24	18	2	0	0	3	0	0	5	12	11	2	0.83	-	-	-	
Isle of Rhum ...	99	5	8.1	3.1	5.6	-	12.2	18	-1.7	3.28	5.8	8.2	-	-	-	-	-	-	0	0	3	0	0	0	5	14	-	4	1.01	-	-	-	
Prabost ...	99	67	6.9	2.2	4.5	-	11.1	18	-1.1	21.31	-	-	116	60	23	5	26	22	2	2	1	4	1	0	4	22	-	4	-	-	-	-	
Duntulm ...	99	90																															
Onich ...	99	15																															
Fort William ...	99	8	7.3	1.6	4.5	-	11.1	17, (18)	-3.3	11.21, 22	4.7	6.5	154	83	30	5	21	16	1	0	1	0	0	5	10	18	-	-	0.62	-	-	-	
Corpach ...	99	8	7.6	2.3	4.9	-	12.2	18	-1.7	22.23	-	-	165	-	29	5	17	16	0	0	0	0	0	0	10	17	-	0	-	-	-	-	
Fort Augustus ...	99	21																															
Inverness ...	99	4	6.9	2.3	4.6	-	12.2	18	-0.6	12.21, 22	-	-	49	92	7	19	20	13	0	0	0	0	0	1	4	16	-	0	0.88	-	-	-	
Coire Cas Shielling	99	762	2.7	-1.8	0.5	-	10.0	10	-7.2	21.22	-	-	-	-	-	-	-	-	17	24	0	1	0	-	24	-	-	-	-	-	-	-	
Cairngorm ...	99	1090	0.6	-4.1	-1.7	-	8.9	10	-9.4	21.22	-	-	-	-	-	-	-	-	19	28	0	3	0	0	13	29	-	12	-	-	-	-	
Achnagoichan ...	99	305	4.9	-0.1	2.4	-	12.8	18	-5.0	21.22	4.2	-	60	80	8	2, (4)	18	16	7	-	0	0	0	-	14	-	-	0	-	-	-	-	
Glenmore Lodge	99	341	5.0	-0.6	2.2	0.0	12.9	18	-7.2	22	-	-	79	92	9	2	23	16	12	6	0	0	0	0	16	25	22	1	0.26	-	-	-	
1 SCOTLAND, E.																																	
Nairn																																	
Nairn ...	99	6	6.8	1.7	4.3	+0.1	13.3	18	-2.8	12	-	-	43	90	8	19	20	10	3	0	0	1	0	0	16	17	-	0	1.21	100	-	-	
Moray																																	
Grantown-on-Spey	99	229	4.8	-0.6	2.1	-	11.1	18	-5.6	22	-	-	57	-	7	25	22	13	8	5	1	0	0	0	15	30	-	0	1.13	-	-	-	
Forres ...	99	50	6.4	1.7	4.1	0.0	12.8	18	-2.8	12	4.2	5.9	44	99	7	23	19	13	3	0	0	0	0	0	5	14	-	1	1.32	92	-	-	
Kinloss ...	21-9	5	6.6	2.3	4.5	+0.3	13.5	18	-3.1	12	5.5	-	37	86	6	23	22	13	5	0	0	3	0	0	9	17	11	1	1.16	-	-	-	
Elgin ...	99	15	7.0	1.7	4.3	-	13.9	18	-2.8	12.15	-	-	52	111	8	27	18	15	-	1	-	-	-	-	6	10	-	-	1.21	-	-	S	
Lossiemouth ...	99	6	7.2	1.3	4.3	+0.2	13.3	18	-5.6	12	-	-	45	93	9	19	21	11	5	0	0	4	0	0	5	27	25	1	-	-	-	-	
Gordon Castle ...	99	32	6.8	2.0	4.4	+0.2	12.8	18	-3.3	12	-	-	50	88	8	18	19	13	2	0	2	0	0	-	5	-	-	0	1.27	114	-	-	
Banff																																	
Glenlivet ...	21-9	215	5.1	1.1	3.1	-	12.4	18	-4.1	11	-	-	73	-	11	25	20	16	11	5	0	0	0	1	16	24	21	0	1.14	-	-	S	
Banff ...	99	24	7.3	2.7	5.0	-	11.7	18	0.6	15.22	-	-	37	-	5	18	19	12	2	0	1	0	0	0	0	-	-	0	1.09	-	-	S	
Aberdeen																																	
Braemar ...	99	339	4.9	-0.1	2.4	+0.4	11.1	18	-5.6	11	-	-	48	50	8	4	23	14	-	5	-	-	-	-	0	17	22	-	-	0.80	-	-	S
Balmoral ...	99	283	4.8	-0.8	2.0	-0.1	11.1	18, 19	-6.1	22	-	-	45	56	9	2	17	12	6	0	0	0	0	-	17	26	-	0	-	-	-	-	
Dinnet ...	99	177	5.8	0.1	2.9	-	13.9	19	-3.9	8.11	3.8	-	25	-	6	2	19	8	-	6	-	-	-	-	0	18	28	-	-	1.65	-	-	-
Gartly ...	99	160	5.6	0.8	3.2	-	11.7	19	-3.2	15	-	-	43	-	6	22	20	16	-	-	-	-	-	-	-	11	25	-	-	-	-	-	
Inverurie S. Wks.	99	54	5.9	0.3	3.1	-	11.7	18, 19	-4.4	8	-	-	30	-	4	23, 27	18	12	6	4	0	2	0	0	11	24	-	-	1.49	-	-	-	
Fyvie Castle ...	99	66	6.0	0.2	3.1	-	11.7	18, 19	-3.3	8	-	-	45	60	6	23	20	15	8	0	0	0	0	-	12	28	-	0	1.47	-	-	S	
Craibstone ...	99	91	5.9	1.4	3.7	-0.1	11.7	18	-1.7	31	4.2	5.8	24	30	4	23	16	12	4	3	1	0	0	0	5	17	-	0	1.58	104	-	-	
Dyce ...	21-9	58	6.1	1.4	3.7	0.0	12.3	19	-3.9	8	-	-	27	32	5	23	16	13	9	2	0	4	0	0	8	22	19	0	1.42	-	-	-	
Aberdeen ...	99	52	6.3	1.8	4.1	+0.2	12.2	18	-1.7	8	-	-	30	38	8	23	17	12	2	2	0	0	0	0	4	16	-	0	1.74	132	S	-	
Fraserburgh ...	21-9	18	7.2	3.7	5.5	-	11.9	18	0.1	30	-	-	42	-	7	27	22	13	4	0	4	0	0	0	0	3	3	2	1.37	-	-	-	
Kincardine																																	
Fettercairn ...	99	171	5.4	0.8	3.1	-0.1	10.6	18, 19	-2.2	8.21	-	-	40	44	5	23	23	13	6	1	0	0	0	4	8	23	-	1	1.55	-	-	S	
Strachan ...	99	120	5.6	0.6	3.1	-	11.7	18	-5.0	8	4.8	-	38	-	8	23	18	11	5	5	0	1	0	1	14	23	-	0	1.49	-	-	S	
Banchory ...	99	77	6.1	1.1	3.6	-	12.2	18	-2.8	8	-	-	31	-	6	2	20	10	10	4	0	1	0	0	10	24	-	0	-	-	-	-	
Angus																																	
Mylnefield ...	99	30	6.4	1.8	4.1	-	11.7	18, 19	-1.7	31	4.5	6.9	27	49	2	14	14	7	3	0	1	0	0	0	7	28	-	0	1.92	-	-	-	
Dundee ...	99	45	6.4	2.1	4.3	+0.4	11.7	18	-0.6	9, 21, 31	4.1	-	28	46	13	2	11	5	1	0	0	1	0	0	4	21	-	0	2.08	-	-	-	
Glamis Castle ...	99	61	5.9	0.3	3.1	-	11.7	18, (19)	-2.8	21.22	-	-	25	31	8	2	15	6	6	0	0	0	0	0	17	26	-	0	-	-	-	-	

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS DECEMBER, 1970

DISTRICT, COUNTY AND PLACE		Max. Temp. in G.M.T. of Observation	Height of Station above M.S.L. (feet)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURES °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days												BRIGHT SUNSHINE						
				MEANS OF		Daily Mean (mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	12 cm.	Total fall (mm.)	Percentage of 1931-60 average	MOST IN A DAY		Precip'n		Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Ground min. temp. °C.	Covered min. temp. below 0°C.	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure		
				Max. (A)	Min. (B)			Maximum	Date	Minimum	Date					Amount (mm.)	Date	0.2 mm. or more	1.0 mm. or more															
1 SCOTLAND, E. - contd.																																		
Berwick - contd.																																		
Marchmont	...	99	152	5.8	1.2	3.5	-0.1	(10.6)	18,19	-1.7	8,31	-	-	49	82	11	2	16	12	3	2	0	0	0	0	6	-	-	-	0	1.28	110	-	
Whitchester	...	99	255	5.0	0.9	2.9	-	9.4	18,19	-3.3	31	-	-	71	106	14	25	21	16	9	6	2	0	0	0	10	-	-	-	1	-	-	-	
St. Abb's Head		21-9	75	6.8	3.4	5.1	-	11.5	19	-0.5	8	-	-	-	-	-	-	-	-	4	0	2	0	0	0	1	4	5	9	-	-	-	-	
Peebles																																		
Stanhope Farm		99	226	5.6	0.6	3.1	-	10.6	18,19	-7.2	31	-	-	76	67	16	2	20	13	3	0	0	0	0	0	13	23	-	0	-	-	-	-	
Blyth Bridge	...	99	253	5.2	0.1	2.7	-	10.6	18	-5.0	31	-	-	76	88	19	2	17	15	9	5	0	0	0	0	1	15	27	-	2	1.10	-	-	
West Linton	...	99	244	5.3	-0.3	2.5	-	10.6	19	-4.4	8	3.2	5.9	70	79	18	2	21	14	5	6	0	0	0	0	16	22	-	0	-	-	-	-	
Glentworth	...	99	165		0.3					-6.1	3	-	-	62	84	13	2	17	13	-	2	-	-	-	-	0	11	-	-	-	-	-	-	
Selkirk																																		
Bowhill	...	99	183	5.8	0.9	3.3	-	10.0	16,18,19	-3.3	31	-	-	62	74	10	25	18	15	7	4	0	2	0	0	15	-	-	0	-	-	-	-	
Galashiels	...	99	198	5.6	1.2	3.4	-	10.0	16,18,19	-2.8	22,31	-	-	53	-	12	2	18	12	6	4	0	3	0	1	9	22	-	1	1.49	-	-	-	
Roxburgh																																		
Wauchope	...	99	171	5.3	-0.3	2.5	-	10.6	19	-8.9	31	-	-	54	67	7	2	16	14	7	1	0	0	0	16	-	-	0	-	-	-	-	-	
Kelso	...	99	34	6.4	0.7	3.5	-	11.7	18	-4.4	31	-	-	50	-	9	2	16	13	4	3	0	4	0	1	14	24	-	0	1.02	-	-	-	
Sourhope *	...	99	221	5.0	0.7	2.9	-0.2	10.6	18	-5.0	31	-	-	-	-	-	-	-	-	7	6	0	6	0	0	11	25	-	0	1.32	-	-	-	
6a SCOTLAND, W.																																		
Argyll																																		
Tiree	...	21-9	9	7.9	4.4	6.1	-0.3	11.8	18	-1.5	25	-	-	73	62	19	2	17	12	0	0	0	5	0	0	2	11	10	5	1.09	116	-	-	
Rhuvaal	...	21-9	20	8.6	5.5	7.1	-	12.5	18,19	-0.2	31	-	-	67	42	13	2	14	12	0	0	2	0	0	0	1	2	2	0	-	-	-	-	
Colonsay	...	99	30	8.4	4.2	6.3	+0.4	12.2	18	0.0	25	-	-	82	57	22	2	16	13	1	-	1	0	0	0	0	-	-	1	-	-	-	-	
Aros	...	99	37	7.6	1.5	4.5	-	12.2	18	-3.9	25	-	-	146	-	25	5	16	16	1	0	2	0	0	0	10	19	-	0	-	-	-	-	
Craighouse	...	99	3	8.1	4.1	6.1	-	11.1	18	0.0	29,31	-	-	95	-	15	2	16	16	-	0	-	-	-	0	0	11	-	-	-	-	-	-	
Machrihanish	...	21-9	10	8.1	4.0	6.1	-	12.9	18	-4.0	31	-	-	27	-	6	5	13	8	1	0	0	3	1	0	6	13	11	1	1.32	-	-	-	
Campbeltown	...	99	12	8.4	-	-	-	12.8	18	-	-	-	-	35	-	(8)	2,5	12	9	-	0	-	-	-	0	-	-	-	-	-	-	-	-	
Achaglachgach	...	99	12	7.6	1.4	4.5	-	11.7	18	-4.4	31	-	-	83	48	18	2	17	13	-	0	-	-	-	0	8	22	-	-	-	-	-	-	
Knapdale Forest	...	99	40	7.3	1.7	4.5	-	11.7	18	-4.4	31	-	-	88	-	29	2	19	13	0	0	0	0	0	0	13	-	-	0	-	-	-	-	
Glenbranter	...	99	24	6.8	1.3	4.1	-	11.7	18,19	-6.1	31	-	-	123	-	30	2	17	15	-	0	-	-	-	12	20	-	-	-	-	-	-	-	
Glen Etive	...	99	24	7.4	1.4	4.4	-	11.7	16,18	-4.4	22	-	-	177	-	28	16	18	15	2	0	0	0	1	-	11	16	-	2	-	-	-	-	
Benmore Y.B.G. **	...	99	12	7.6	2.4	5.0	-	12.2	18	-4.4	31	-	-	159	59	30	16	18	16	1	0	2	1	0	1	9	21	-	0	-	-	-	-	
Bute																																		
Kildonan	...	21-9	18	7.9	4.4	6.1	-	12.0	19	-2.0	31	-	-	55	-	14	2	16	10	0	0	1	0	0	0	1	4	2	7	1.50	-	-	-	
Brodick Castle	...	99	15	8.4	3.2	5.8	-	12.2	18	-4.4	31	6.1	-	75	-	17	2	15	13	0	0	1	0	0	0	3	16	-	1	-	-	-	-	
Rothsay	...	99	43	7.6	3.6	5.6	+0.3	12.2	18	-1.1	31	5.6	7.3	61	41	21	2	16	10	0	0	0	0	0	0	1	11	-	0	1.24	127	-	-	
Dunbarton																																		
Finnart	...	99	15	7.7	2.8	5.3	-	(12.2)	18	(-2.2)	25,26	-	-	129	-	24	2	16	15	-	0	-	-	-	6	-	-	-	-	-	-	-	-	
Helensburgh	...	99	89	6.5	1.7	4.1	-0.1	11.0	18	-2.0	3,21,23	-	-	103	66	28	2	13	12	0	-	0	0	0	0	9	-	-	0	1.56	205	-	-	
Sloy	...	21-9	12	7.3	3.3	5.3	-	11.4	18	-3.5	31	-	-	214	-	34	18	17	13	2	-	0	0	1	0	7	-	-	0	-	-	-	-	
Cumbernauld	...	99	94	5.9	0.8	3.3	-	11.1	18,19	-5.0	31	-	-	70	-	24	2	18	12	3	2	0	0	0	0	13	26	-	0	-	-	-	-	
Stirling																																		
Earl's Hill	...	21-9	335	4.1	0.7	2.4	-	9.4	18	-4.3	31	-	-	83	-	19	2	16	12	6	-	0	1	0	3	14	21	18	5	1.78	-	-	-	
Stirling Batterflats	...	99	38	6.8	1.2	4.0	-	11.7	18	-3.9	22	5.0	7.0	64	-	21	2	16	9	1	0	1	1	0	2	12	22	-	0	1.37	-	-	-	
Falkirk S. Wks.	...	99	3	6.9	1.8	4.3	-	12.8	18	-2.8	10	-	-	61	-	16	2	12	8	3	0	0	0	0	0	9	-	-	0	1.43	-	-	-	
Grangemouth	...	99	4	7.1	2.2	4.7	-	12.2	18,19	-1.7	10,11,31	-	-	48	-	14	2	13	10	0	0	1	0	0	0	8	10	-	0	-	-	-	-	
Renfrew																																		
Greenock	...	99	61	6.9	3.2	5.1	-0.1	11.1	18	-1.1	31	-	-	90	51	22	2	19	13	0	0	1	6	0	0	1	6	-	0	1.08	204	-	-	
Paisley	...	99	32	7.0	2.4	4.7	-0.1	11.7	18	-2.2	31	4.9	7.7	66	56	16	2	16	13	2	0	1	0	0	0	6	14	-	0	1.26	173	-	-	
Barrhead	...	99	30	7.3	1.9	4.6	-	12.2	18	-5.0	31	-	-	65	54	17	2	16	12	4	0	0	0	0	0	9	19	-	0	-	-	-	-	
Abbotsinch	...	21-9	5	7.0	2.2	4.6	+0.2	12.5	18	-5.9	31	-	-	63	60	17	2	16	11	7	0	0	0	0	1	10	17	15	0	1.49	180	-	-	
Lanark																																		
Crossmyloof	...	99	23	7.3	1.9	4.6	-	(11.7)	18	-5.6	31	-	-	51	-	17	2	15	11	1	0	0	0	0	0	7	-	0	1.20	-	-	-	-	
Thorntonhall	...	99	138	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Glasgow, Springburn	...	99	107	6.3	2.1	4.2	+0.5	11.1	18	-2.8	31	-	-	-	-	-	-	-	-	2	1	0	0	0	1	7	21	-	0	1.51	240	-	-	
Coatbridge	...	99	78	6.3	1.4	3.9	+0.1	11.7	18	-4.4	31	-	-	44	53	16	2	14	12	2	1	0	0	0	0	8	-	-	0	-	-	-	-	
Salsburgh	...	21-9	275	4.8	1.0	2.9	-	10.0	18,19	-4.2	31	-	-	-	-	-	-	-	-	2	-	0	0	0	0	3	11	22	19	1	-	-	-	-
Leadhills	...	99	387	4.1	0.0	2.1	-0.3	8.9	18,19	-8.3	31	-	-	79	44	14	2	21	17	7	5	0	0	0	0	15	19	-	0	-	-	-	-	
Crawfordjohn	...	99	274	4.6	-0.1	2.3	-	10.0	18	-6.2	31	4.5	-	64	-	14	2	19	16	8	3	0	0	0	0	16	20	19	2	1.31	-	-	-	
Lanark	...	99	152	5.6	0.7	3.1	-	11.1	18	-6.1	31	-	-	-	-	-	-	-	-	6	0	1	4	0	2	14	-	-	2	1.09	-	-	-	
Carnwath	...	99	208	5.3	-1.1	2.1	-0.8	10.6	18,19	-8.9	31	5.8	-	57	68	15	2	20	14	8	3	0	5	0	1	21	23	-	1	-	-	-	-	
Camps Reservoir	...	99	295	4.8	0.1	2.5	-	10.0	19	-7.2	31	-	-	71	51	12	2	23	15	7	2	0	0	0	2	17	-	0	-	-	-	-	-	
Ayr																																		
Girvan	...	99	8	8.0	3.7	5.9	-	12.8	19	-2.8	31	-	-	39	-	7	2	14	10	0	0	0	0	0	0	4	17	-	1	1.47	-	-	-	
Hunterston	...	99	8	7.8	3.8	5.8	-	11.7	18	-0.6	31	-	-	51	-	12	2	12	12	0	0	0	1	0	0	1	-	-	2	-	-	-	-	
Barr	...	99	122	6.9	0.6	3.7	-	10.6	18	-7.2	31	-	-	56	-	8	2	14	14	-	0	-												

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

**Younger Botonic Gardens

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

DECEMBER, 1970

DISTRICT, COUNTY AND PLACE	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days												BRIGHT SUNSHINE			
			MEANS OF		Daily Mean (mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1916-50 average	MOST IN A DAY		Precip'n 0.2 mm or more	140 mm or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure	
			Max. (A)	Min. (B)			Maximum	Date	Minimum	Date					Amount (mm)	Date																
6b ISLE OF MAN																																
Ronaldsway ...	21-9	17	7.9	4.2	6.1	-	11.6	2	-2.8	31	-	-	33	35	6	11	16	9	2	0	0	3	0	0	6	12	9	0	1.82	-	-	
Douglas ...	9 9	87	7.8	3.5	5.7	-0.4	11.1	2,3	-1.7	31	-	-	57	46	18	2	16	12	5	0	0	1	0	0	3	10	2	1.81	124	-	-	
Point of Ayre ...	21-9	9	7.8	5.2	6.5	-	12.0	18	-0.7	8	-	-	33	39	7	3	14	11	1	0	0	0	0	0	1	-	3	1.71	-	-	-	
2 ENGLAND, N.E.																																
Northumberland																																
Kielder Castle ...	9 9	201	5.1	0.0	2.5	-	10.0	18,19	-5.0	31	4.9	-	88	80	15	16	18	16	8	5	0	0	0	3	19	25	0	-	-	-	-	
Haydon Bridge ...	9 9	79	6.4	0.7	3.5	-	11.7	18	-4.4	31	4.4	6.9	52	-	11	27	17	13	4	6	0	0	0	0	13	21	0	-	-	-	-	
Corbridge ...	9 9	49	6.8	0.7	3.7	-	12.8	18	-5.6	31	-	-	55	-	14	27	14	13	6	4	0	0	0	1	12	19	0	-	-	-	-	
Berwick-on-Tweed †	9 9	23	7.0	2.6	4.7	0.0	11.7	18,19	-0.6	8	-	-	30	70	8	2	15	12	4	0	1	0	0	0	1	11	0	1.56	107	-	-	
Acklington ...	21-9	42	6.4	2.2	4.3	0.0	11.6	18	-1.6	31	-	-	49	84	8	28	20	13	6	2	0	10	0	0	6	15	14	1	1.95	-	-	
Tynemouth †	21-9	29	6.7	3.9	5.4	0.0	12.0	18	-1.0	31	-	-	56	92	10	30	19	14	8	1	4	3	0	0	1	8	0	1.63	152	-	-	
Seahouses ...	21-9	11	7.1	3.3	5.2	-	11.9	19	-0.4	8	-	-	42	-	8	2	15	11	7	0	3	3	0	1	1	8	5	1.63	-	-	-	
Durham																																
Chopwellwood ...	9 9	136	6.1	1.3	3.7	-0.3	11.1	4,19	-5.6	31	-	-	66	103	14	27	17	12	5	4	0	0	0	1	7	25	0	-	-	-	-	
Ushaw College ...	9 9	181	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Houghall ...	9 9	37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Durham †	9 9	102	6.6	2.1	4.3	+0.2	11.7	18	-2.8	31	5.7	8.2	72	124	12	28	19	13	-	1	-	-	-	2	6	17	-	-	1.72	121	-	-
Hartburn Grange ...	9 9	31	6.7	1.2	3.9	-	11.3	18	-2.7	9	-	-	64	-	12	27	17	16	-	2	-	-	-	0	8	17	-	-	1.36	-	-	-
Hartlepool ...	9 9	9	7.2	3.0	5.1	-	12.2	18	-1.1	31	-	-	70	138	15	30	19	13	3	1	7	0	0	0	1	-	0	1.25	-	-	-	-
Yorks., N. Riding																																
Leeming ...	21-9	32	6.4	2.6	4.5	-	12.3	18	-3.5	9	-	-	34	-	11	25	16	9	9	3	1	0	0	1	9	16	13	0	1.60	-	-	-
Marton ...	9 9	46	6.7	2.1	4.4	-	11.7	18	-1.7	27,31	5.1	7.9	89	-	12	23,30	20	14	10	3	2	5	0	-	8	14	-	0	1.21	-	-	-
York (Heslington) ...	9 9	20	6.5	1.9	4.2	-	11.1	2	-2.2	9,27	4.6	7.0	29	-	6	27	20	11	6	3	0	0	0	5	12	14	-	0	1.55	-	-	-
Ampleforth ...	9 9	95	6.3	1.4	3.9	-0.1	10.0	2,18,29	-2.2	27	-	-	45	67	9	27	15	13	-	-	-	-	-	2	11	19	-	-	0.93	85	5	-
Redcar ...	9 9	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Pickering ...	9 9	44	6.4	1.0	3.7	-	10.4	19	-3.6	9	-	-	67	-	10	27	22	15	7	4	0	4	0	1	12	18	-	0	-	-	-	-
Scarborough ...	9 9	36	7.1	3.3	5.2	-0.1	10.6	18,19	0.0	27	5.8	8.6	55	89	7	30	20	15	8	1	0	3	0	0	0	7	-	0	1.35	113	5	-
Silpho Moor ...	9 9	203	5.9	1.0	3.5	-	10.0	18,19	-2.2	27	4.4	-	72	88	13	27	24	18	3	3	3	0	0	3	12	19	-	0	1.53	-	-	-
Whitby Coast Guard	21-9	60	6.7	3.2	4.9	-	(11.2)	18	-0.6	30	-	-	26	-	5	23	14	12	8	0	1	2	0	0	1	3	4	8	-	-	-	-
Yorks., E. Riding																																
High Mowthorpe ...	9 9	175	(5.6)	(1.1)	(3.3)	-	10.0	18	-3.3	27,28	(4.6)	-	50	69	11	25	19	11	-	6	-	-	-	4	(7)	(18)	-	-	(1.24)	-	-	-
Hull †	9 9	2	7.2	2.6	4.9	0.0	11.7	19	-1.7	9	5.5	9.2	49	86	7	23	18	15	7	2	0	0	0	3	16	-	0	1.47	141	-	-	-
Filey ...	9 9	37	6.8	2.0	4.4	-	10.6	2	-1.7	9	-	-	56	83	10	23	20	15	3	2	0	5	0	1	6	14	-	0	1.41	-	-	-
Bridlington †	9 9	48	6.7	2.0	4.3	0.0	10.0	2,18,19	-1.7	25	-	-	77	111	15	23	20	17	7	2	1	5	0	1	1	10	-	0	1.58	118	-	-
Kilnsea ...	21-9	12	6.7	3.6	5.1	-	10.2	2,18	-1.2	31	-	-	47	-	12	22	18	9	8	1	4	0	0	1	3	-	10	1.64	-	-	-	-
Lincoln																																
Waddington †	21-9	68	5.6	2.2	3.9	-0.3	11.2	19	-4.1	26	-	-	26	-	5	24	15	9	10	5	1	2	0	4	11	14	14	0	1.60	115	-	-
Lincoln †	9 9	7	6.3	0.7	3.5	-0.6	11.7	19	-5.6	25	5.7	7.8	31	60	5	26	17	11	6	6	0	0	0	4	15	18	-	0	1.58	-	5	-
Cranwell ...	9 9	62	6.2	1.3	3.7	-0.5	11.1	3,19	-3.6	27	5.3	7.7	30	61	5	3	13	9	7	5	0	1	0	4	12	15	16	0	1.54	98	-	-
Brigg ...	9 9	3	6.3	1.3	3.8	-	11.1	19	-3.3	9,15	-	-	42	-	8	26	16	12	7	4	3	0	0	4	11	20	-	0	-	-	-	-
Binbrook ...	21-9	108	5.5	2.4	3.9	-	10.6	19	-2.6	31	-	-	49	-	14	23	19	15	11	5	0	7	0	2	9	14	13	0	-	-	-	-
Cleethorpes ...	9 9	7	6.4	2.4	4.4	-	11.7	19	-0.6	31	-	-	53	102	11	23	13	12	4	1	0	0	0	2	1	18	-	0	1.25	87	-	-
Manby ...	21-9	17	6.5	2.6	4.5	-	11.7	19	-1.6	31	5.2	-	64	121	10	22	21	16	9	4	0	7	0	3	8	14	11	0	1.46	-	-	-
Skegness ...	9 9	5	7.1	2.4	4.7	0.0	11.1	2,3	-1.1	27,31	-	-	46	90	9	22	14	13	3	2	0	0	0	2	6	11	-	0	1.27	85	-	-
3 ENGLAND, E.																																
Norfolk																																

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS DECEMBER, 1970

DISTRICT, COUNTY AND PLACE	Max. Min.	GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days												BRIGHT SUNSHINE		
				MEANS OF		Daily Mean (mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1931-60 average	MOST IN A DAY		Precip'n 0.2 mm or more	Snow or Sleet 1.0 mm or more	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure	
				Max. (A)	Min. (B)			Maximum	Date	Minimum	Date					Amount (mm)	Date															
3 ENGLAND, E. — contd.																																
Essex																																
Harlow ...	99	79	6.8	0.7	3.7	-	11.9	4	-5.0	28	-	8.8	35	-	13	3	8	6	7	6	0	1	0	6	16	-	0	1.07	-	-	S	
Stansted ...	21-9	101	5.5	1.2	3.3	-0.9	11.7	4	-5.0	25	-	-	46	83	15	3	18	9	9	7	0	2	0	6	13	20	16	1	-	-	-	
Writtle ...	99	32	-	0.6	-	-	12.2	3,4	-4.4	15,27	6.0	-	42	81	13	3	11	9	5	7	0	0	0	7	16	21	-	0	1.18	-	-	
Southend ...	99	27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Maldon ...	99	4	6.6	1.4	4.0	-	12.2	2,3,4	-2.8	27	-	-	47	-	13	3	22	10	7	-	0	0	0	4	12	-	0	-	-	-	-	
Earls Colne ...	99	49	6.8	1.1	3.9	-	12.8	5	-3.9	26,27	5.0	8.3	47	85	14	3	13	8	-	7	-	-	-	1	14	19	-	-	-	-	-	
Shoeburyness †	21-9	2	6.5	2.8	4.7	-0.5	12.3	4	-2.5	31	-	-	45	99	9	3	16	12	7	5	0	4	0	3	10	18	15	0	1.13	78	-	
Clacton-on-Sea €	99	16	6.9	2.6	4.7	-0.3	11.7	4	-1.7	23,27,31	6.7	8.9	48	93	14	3	12	11	6	5	0	0	0	2	5	16	-	1	1.56	99	-	
Walton-on-Naze	21-9	5	6.7	3.0	4.9	-	12.2	4	-1.9	31	-	-	58	-	13	25	16	10	8	4	1	0	0	1	9	10	8	4	1.33	-	-	
Dovercourt ...	99	3	6.8	1.5	4.1	-0.8	11.1	2,3	-2.2	27	-	-	43	85	10	3	13	9	2	-	0	0	0	1	10	25	-	0	1.36	-	-	
4 MIDLAND COUNTIES																																
Yorks., W. Riding																																
Slaidburn ...	99	192	5.7	1.1	3.4	-	10.0	2,18	-4.4	27	-	-	76	50	17	2	21	14	6	2	0	0	0	2	11	21	-	0	1.62	-	-	
Malham Tarn ...	99	395	4.4	0.1	2.3	-	8.3	2,18	-5.0	31	4.8	-	73	49	15	2	22	17	8	8	0	0	0	3	14	22	-	0	1.72	-	-	
Huddersfield †	99	99	-	1.9	-	-	12.2	18	-2.8	25,27	5.1	7.6	47	69	8	5,6	15	12	-	4	-	-	-	2	8	17	-	-	1.37	190	-	
" Oakes	21-9	232	5.1	2.0	3.5	-0.5	10.5	19	-3.4	26	4.6	6.9	65	75	9	5	22	14	8	6	0	3	1	1	10	21	16	0	1.47	136	-	
Bradford †€	99	134	6.1	1.9	4.0	-0.2	11.1	2,4,18	-2.8	27	5.2	7.7	43	56	5	5	17	12	8	5	0	2	1	1	10	18	-	0	-	-	-	
Ilkley ...	99	96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Sheffield ...	99	131	7.3	2.6	4.9	0.0	11.7	18	-1.7	25,27,28	5.6	8.6	40	55	8	26	18	14	6	3	0	0	0	-	6	15	-	0	1.47	150	S	
Pontefract ...	99	78	6.4	2.4	4.4	0.0	11.7	18	-1.7	27	-	-	22	46	5	26	16	9	7	4	0	0	0	3	7	12	-	0	-	-	-	
Bramham ...	99	54	6.3	1.9	4.1	-	11.1	2,18	-2.2	25,26	-	-	27	43	4	27	17	11	7	3	0	0	0	2	9	17	-	0	1.33	-	-	
Cawood ...	99	6	6.7	1.6	4.1	-	11.1	2,18	-3.3	25	5.3	7.7	25	48	5	27	14	11	5	5	0	0	0	1	10	17	-	0	1.44	-	-	
Askham Bryan ...	99	34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Derby																																
Buxton €	99	307	4.7	0.9	2.8	-0.5	10.0	18	-4.4	26	4.4	6.6	65	53	12	5	19	15	7	7	0	0	0	4	12	15	-	0	-	-	-	
Ashover ...	99	186	5.8	1.7	3.7	-	10.6	2,18	-3.3	27	-	-	42	-	9	5	17	10	9	7	0	2	0	0	8	17	-	0	1.86	-	-	
Derby ...	99	48	6.9	1.9	4.4	-	11.7	2,3	-2.8	9,27	-	-	34	53	8	3	16	9	3	3	0	0	0	2	11	18	-	0	1.41	-	-	
Morley ...	99	107	(6.4)	(0.5)	(3.5)	-	11.1	3	-4.4	14,25	-	-	35	53	8	3	16	12	-	4	-	-	-	-	15	20	-	-	1.49	-	-	
Wingerworth ...	99	126	6.3	1.2	3.7	-	11.7	2	-4.4	24	5.4	-	35	-	7	5	16	11	6	6	0	1	0	2	12	19	-	0	1.66	-	-	
Nottingham																																
Sutton Bonington	99	48	6.6	1.1	3.9	-0.5	11.7	2,3	-7.2	28	5.8	8.1	30	60	9	3	13	8	5	3	0	2	0	2	12	17	-	0	1.23	110	-	
Watnall ...	21-9	117	5.9	2.1	4.0	-0.1	10.8	2	-3.3	26	-	-	29	49	5	3	14	10	7	4	1	3	0	3	11	18	15	0	1.47	120	-	
Mansfield ...	99	110	-	-	-	-	-	-	-	-	5.4	-	25	41	5	5	15	9	4	0	0	0	0	0	19	-	-	0	-	-	-	
Nottingham †	99	59	6.9	2.2	4.5	-0.2	11.7	3	-2.8	9	5.1	7.7	21	40	6	3	14	9	5	4	0	0	0	3	10	19	-	0	1.47	141	-	
Warsop ...	99	46	6.5	0.8	3.7	-	11.1	2,18	-5.0	24,25	-	-	21	42	5	25	12	6	-	4	-	-	-	2	14	18	-	-	1.29	-	-	
Finningley ...	21-9	10	6.6	2.8	4.7	+0.1	11.8	2,19	-2.3	9	-	-	22	-	5	26	15	10	8	4	0	0	0	4	11	12	12	0	1.56	-	-	
Leicester																																
Newtown Linford	99	119	6.0	1.3	3.7	-	10.6	2,3,18	-3.3	27	-	-	29	51	9	3	19	7	4	3	0	1	0	0	12	15	-	0	1.20	-	-	
Caldecott ...	99	53	6.6	-1.1	2.7	-	11.7	3,18	-8.3	28	-	-	26	55	8	3	11	6	-	2	-	-	-	5	19	19	-	-	1.37	-	-	
Northampton																																
Bugbrooke Mills	99	69	6.4	0.8	3.6	-	11.7	3,4,18	-5.6	31	6.4	(8.4)	24	46	9	3	7	5	-	4	-	-	-	1	17	-	-	-	1.48	-	-	
Raunds †€	99	59	6.2	1.2	3.7	-0.3	11.7	3	-3.9	9	5.6	9.0	29	61	8	3	12	7	7	3	1	0	0	5	12	18	-	0	1.21	99	-	
Wittering ...	99	65	6.0	2.2	4.1	-0.4	11.4	3	-3.1	26	-	-	25	50	7	3	10	6	10	4	2	2	0	2	11	13	13	0	1.61	-	-	
Warwick																																
Birmingham K.E.S.*	99	137	-	-	-	-	-	-	-3.3	27,28	-	-	35	51	10	5	12	9	6	4	0	0	0	1	-	-	-	0	-	-	-	-
Edgbaston ...	21-9	163	5.8	2.8	4.3	-0.4	11.2	2	-3.1	27																						

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS DECEMBER, 1970

DISTRICT, COUNTY AND PLACE	Max. Min. Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days										BRIGHT SUNSHINE				
			MEANS OF		Daily Mean (mean of A & B)	Difference from 1911-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1916-50 average	MOST IN A DAY		Precip'n 0.2 mm or more	Snow or Sleet 140 mm or more	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost below 0°C	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1911-60 average	Exposure	
			Max. (A)	Min. (B)			Maximum	Date	Minimum	Date					Amount (mm.)	Date															
4 MIDLAND COUNTIES — contd.																															
Hereford																															
Lyonshall ...	99	155	6.2	1.3	3.7	-0.6	11.7	2,18	-3.9	24,28	-	-	33	42	8	3	15	10	-	-	-	-	-	11	19	-	-	-	-	-	
Ross-on-Wye 99C	21-9	68	6.3	2.1	4.2	-1.1	13.2	2	-4.1	9	5.8	8.6	22	32	6	5	14	5	6	2	0	0	4	14	16	15	0	1.28	79	-	
Preston Wynne	99	84	6.4	0.8	3.6	-	12.2	2	-5.0	14	-	-	33	56	5	5	17	9	7	3	0	0	2	15	22	-	0	1.52	-	-	
Gloucester																															
Filton ...	21-9	59	6.4	2.2	4.3	-1.1	12.4	18	-4.7	14	-	-	30	39	7	5	15	11	7	3	1	0	2	12	16	15	0	1.73	-	-	
Hempsted ...	99	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Gloucester ...	21-9	24	6.6	2.5	4.5	-	12.8	2	-5.0	31	-	-	32	-	8	5	12	10	6	4	1	0	4	14	17	14	0	1.15	-	-	
Cheltenham ...	99	65	6.4	1.6	4.0	-0.9	12.2	3	-3.9	31	-	-	31	51	7	5	10	9	-	-	-	-	14	-	-	-	-	1.32	-	-	
Cirencester ...	99	135	-	-	-	-	-	-	-	-	-	-	37	46	9	3	16	10	4	4	0	0	5	-	23	-	0	1.92	-	-	
Little Rissington	21-9	226	5.1	1.4	3.3	-	11.1	2	-4.5	25,26	-	-	30	40	8	3	12	9	10	5	1	1	0	3	12	18	16	0	1.83	-	-
5 ENGLAND, S.E.																															
Greater London																															
Kensington Palace	99	25	7.1	2.4	4.7	-0.8	12.2	3,4	-2.8	25,27	6.7	9.1	41	73	12	3	12	8	4	4	0	0	0	9	24	-	0	-	-	-	
Hampstead ...	99	137	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. James's Park	99	4	7.4	2.9	5.1	-0.7	12.8	3,4	-2.8	25	-	-	39	76	11	3	10	8	6	-	0	0	6	-	-	-	0	-	-	-	
London/W.Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.61	189	-	
Greenwich ...	99	7	-	1.8	-	-	12.2	4,19	-2.8	25,28	-	-	59	119	11	3,27	14	11	-	-	-	-	2	9	18	-	-	0.86	97	-	
Heathrow ...	21-9	25	6.7	2.3	4.5	-0.4	12.3	3,4	-3.8	25	-	-	39	71	13	3	12	9	7	4	0	2	0	2	10	18	13	0	1.46	-	-
Hampton ...	99	12	6.9	2.0	4.5	-	12.2	2,3,4	-3.3	25	-	-	41	76	11	3	13	10	7	5	0	0	3	10	17	-	0	1.20	-	-	
Wealdstone ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Southgate ...	99	67	7.3	1.4	4.3	-	14.4	4	-4.4	26	6.8	-	42	73	12	3	12	8	8	7	0	0	3	12	22	-	0	1.41	-	-	
Kew* 99C	21-9	5	6.5	2.1	4.3	-	12.4	2,3	-3.6	9	6.0	8.7	38	74	13	3	12	9	8	4	0	3	1	2	11	17	15	0	1.20	94	-
Waddon ...	99	59	6.7	3.0	4.9	-0.5	12.5	4	-2.4	27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Waddon ...	99	59	7.2	1.6	4.4	-0.8	12.2	2,3,18	-3.3	25,26,27	-	-	55	79	13	3	12	10	-	-	-	-	-	11	-	-	-	-	-	-	
Addington ...	99	144	6.0	1.4	3.7	-0.8	11.7	3,4	-4.4	28	-	-	63	86	13	3	19	12	-	-	-	-	0	11	-	-	-	-	-	-	
Bromley ...	99	65	6.3	2.3	4.3	-0.7	12.2	3,4	-2.2	26,27	-	-	53	89	12	24	9	7	-	7	-	-	-	3	10	-	-	-	-	-	
Surrey																															
Gatwick ...	21-9	59	6.2	1.2	3.7	-0.7	11.9	3,4	-5.6	26	-	-	42	51	11	3	16	10	9	8	0	1	0	4	15	20	14	0	1.22	-	-
Witley ...	99	35	-	1.3	-	-	13.3	2	-4.4	26	6.2	8.9	39	60	8	3	15	9	-	7	-	-	-	3	13	20	-	-	0.80	65	-
Mickleham ...	99	55	0.2	-	-	-	12.2	3,4	-7.2	27,31	5.8	7.8	58	73	10	3	14	11	-	7	-	-	-	3	18	22	-	-	-	-	-
Kent																															
Dartford ...	99	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Hadlow College	99	30	6.7	0.7	3.7	-	12.2	2,3,4	-3.9	27	6.6	9.2	50	-	11	3	15	12	9	7	0	1	0	5	15	22	-	0	1.31	-	-
Gillingham ...	99	4	6.8	1.6	4.2	-	12.8	3,4	-3.3	27	-	-	60	103	13	28	16	12	-	-	-	-	-	11	-	-	-	-	-	-	-
Peckham ...	21-9	29	6.1	1.2	3.7	-	12.4	3	-5.0	25	-	-	60	-	11	3	17	11	7	7	0	0	4	17	19	18	0	1.47	-	-	-
Dungeness ...	21-9	3	7.6	(2.5)	(5.1)	(-0.6)	12.2	4	-2.9	27	-	-	37	57	10	3	13	9	7	4	0	0	0	1	11	-	-	1	-	-	-
Whitstable ...	99	3	7.2	2.3	4.7	-	12.8	3,4	-2.8	26,27	-	-	69	139	13	24	15	11	5	7	1	0	0	0	11	-	-	0	1.30	-	-
Folkestone ...	99	39	7.0	2.8	4.9	-	11.7	3,4	-2.8	27,28	-	10.2	57	84	11	25	17	12	8	7	1	0	0	0	8	-	-	-	1.54	-	-
Elmstone ...	99	9	6.6	1.3	3.9	-	12.2	3,4	-2.2	26,27	-	-	52	-	11	28	16	11	-	6	-	-	-	2	15	16	-	-	-	-	-
Herne Bay ...	99	6	-	-	-	-	13.3	4	-2.8	27	-	-	75	138	14	26	14	9	-	8	-	-	-	0	5	-	-	-	1.20	-	-
Dover ...	99	6	7.4	3.1	5.3	-0.5	12.2	3,4	-1.7	27	7.2	9.7	68	92	11	3	17	14	6	7	1	1	0	2	8	8	-	0	1.45	-	-
Deal ...	21-9	5	7.2	3.7	5.5	-	12.6	3,4	-1.6	26	-	-	52	-	10	25	13	13	6	4	0	0	0	1	4	10	10	0	-	-	-
Manston ...	21-9	44	6.6	3.1	4.9	-	12.2	4	-3.0	27	-	-	47	95	11	28	16	10	8	7	1	0	0	1	7	13	8	0	-	-	-
Margate ...	99	16	7.5	3.6	5.5	-0.4	12.8	3,4	-2.8	27	6.6	9.4	40	-	9	25	16	11	6	4	1	0	0	0	5	10	-	0	1.32	89	S
West Malling ...	99	93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Goudhurst ...	99	85	6.1	(0.3)	(3.2)	-	12.2	4,18	-5.6	25	-	-	61	70	10	3	17	14	6	8	0	1	0	0	17	22	-	0	-	-	-
East Malling 99C	99	37	6.7	0.9	3.8	-0.9	12.8	4	-3.9	27	5.6	8.6	58	88	11	3	18	12	8	7	0	0	0	5	14	19	-	0	1.25	95	-
Throwley ...	99	150	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Faversham ...	99	48	6.4	1.3	3.9	-	12.2	3,4	-3.9	27	6.1	8.9	82	-	18	24	17	10	8	9	1	1	0	1	12	19	-	0	1.15	-	-
Wye ...	99	56	7.1	1.1	4.1	-0.5	12.2	3,4	-3.3	27,31	(6.3)	(8.6)	62	78	14	23	(19)	(12)	8	(8)	1	1	0	3	12	21	-	0	(1.41)	92	-
Sussex																															
Thorney Island	21-9	3	7.1	2.2	4.7	-	12.4	4	-3.6	27	-	-	22	31	7	3	12	6	6	5	0	1	0	2	11	19	16	0	1.99	-	-
Rogate ...	99	64	6.7	1.2	3.9	-	12.8	3,4	-3.6	27	6.3	-	33	-	8	3	13	10	6	7	0	0	0	2	15	24	-	0	-	-	-
Bognor Regis ...	99	7	7.2	2.6	4.9	-1.0	11.7	3,4	-3.3	25,27,28	-	10.1	38	48	9	3	18	11	6	7	0	0	0	0	9	18	-	0	2.12	110	-
Fernhurst ...	99	57	7.0	0.8	3.9	-	12.1	2	-4.2	27	5.7	-	32	32	9	3	13	9	8	-	0	0	0	-	18	19	-	0	1.32	-	-
Littlehampton ...	99	5	7.2	2.2	4.7	-0.9	12.2	2,3,4	-5.0	25	-	9.7	(56)	(75)	9	2	(15)	(13)	5	5	0	0	0	0	9	-	-	0	1.96	107	-
Rustington ...	99	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
North Heath ...	99	21	6.8	1.0	3.9	-	12.8	4	-6.1	27	5.7	9.2	31	-	8	3	14	7	4	6	0	0	0	4	15	23	-	0	1.14	-	-
Worthing ...	99	8	7.1	2.6	4.9	-0.9	12.2	3	-3.9	25,27	6.8	-	29	40	8	3	13	8	5	7	0	0	0	0	9	20	-	0	2.05	104	-

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS DECEMBER, 1970

DISTRICT, COUNTY AND PLACE	Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days														BRIGHT SUNSHINE	
				MEANS OF		Daily Mean (mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1931-60 average	MOST IN A DAY		Precip'n 0.2 mm or more	1/10 mm or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure	
				Max. (A)	Min. (B)			Maximum	Date	Minimum	Date					Amount (mm)	Date																
5. ENGLAND, S.E. — contd.																																	
Hampshire — contd.																																	
Southsea ...	99	2																															
Hayling Island ...	99	4	7.3	2.8	5.1	-	12.2	2,3,4	-3.9	27	-	-	27	-	7	3	15	9	4	7	0	0	0	0	9	-	-	0	2.07	-	-		
Long Sutton ...	99	145	6.0	0.6	3.3	-	11.7	3	-7.2	31	5.1	-	42	-	8	6	18	11	6	8	0	1	0	2	16	21	-	0	1.44	101	S		
Alice Holt Lodge ...	99	115	6.1	0.8	3.5	-	11.7	3	-5.0	27	-	-	41	50	8	3	15	11	5	8	0	0	0	2	15	22	-	0	1.70	-	-		
S. Farnborough ...	99	69	6.6	0.9	3.7	-1.0	12.1	3	-3.8	26	-	-	33	48	8	29	14	10	7	8	0	0	0	3	14	21	17	0	1.09	81	-		
Isle of Wight																																	
St. Catherine's Pt. ...	99	16	7.9	2.7	5.3	-1.2	12.5	2,3	-4.0	27,28,30	-	-	34	41	9	3	14	11	7	-	0	0	0	0	9	-	-	4	-	-	-		
Ventnor * ...	99	122	7.3	3.1	5.2	-1.3	12.2	4	-3.3	31	6.9	10.1	52	57	18	3	15	11	4	6	0	0	0	1	9	11	-	0	2.09	105	-		
Shanklin ...	99	55	7.2	(2.8)	(5.5)	-	12.8	4	-3.3	31	-	-	49	48	15	3	14	10	4	-	0	0	0	1	9	-	-	1	2.21	-	-		
Sandown ...	99	4	7.8	3.2	5.5	-1.0	12.8	3,4	-2.2	27,28,31	-	-	34	39	11	3	9	9	6	-	0	0	0	1	9	-	-	-	2.18	-	-		
Ryde ...	99	4	7.6	3.6	5.6	-0.7	12.8	3,4	-2.2	27,28	-	-	29	34	8	3	14	6	4	-	0	0	0	0	8	-	-	2	1.97	111	-		
Wiltshire																																	
Lacock ...	99	49	(6.9)	(0.6)	(3.7)	-	12.2	2,3	-6.1	27	-	-	24	36	6	29	12	7	-	0	-	-	-	3	14	17	-	-	-	-	-		
West Lavington ...	99	93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Lynham ...	21-9	145	5.5	1.5	3.5	-0.9	11.4	3	-4.9	26	-	-	23	30	5	29	11	8	7	5	0	1	0	3	13	18	18	0	1.51	-	-		
Larkhill ...	99	132	6.2	0.6	3.4	-1.0	12.0	4	-6.2	27	-	-	19	26	4	29	14	7	6	6	1	0	0	2	15	19	16	0	-	-	-		
Boscombe Down ...	21-9	126	6.0	1.2	3.6	-1.1	11.7	4	-5.2	28	-	-	24	31	6	29	12	7	7	5	0	1	0	3	15	22	21	0	1.65	104	-		
Upavon ...	21-9	176	5.3	1.1	3.2	-	11.2	3	-5.3	26	-	-	30	37	8	29	15	10	8	6	0	1	0	4	14	21	18	0	-	-	-		
Porton ...	99	111	6.4	0.2	3.3	-1.1	11.6	3	-5.6	31	5.2	-	24	29	6	29	11	6	-	5	-	-	-	3	16	23	18	-	1.71	100	-		
7a. ENGLAND, N.W.																																	
Cumberland																																	
Sellafield ...	99	13	(7.4)	2.6	(5.0)	-	10.6	2,18	-2.0	31	-	-	38	34	9	2	15	9	-	0	-	-	-	1	5	19	-	-	2.01	-	-		
Carlisle ...	21-9	26	6.7	2.3	4.5	-	11.7	18,19	-4.1	31	-	-	29	-	8	5	13	7	6	1	1	0	0	0	9	22	18	0	2.07	-	-		
Newton Rigg ...	99	171	5.9	1.3	3.6	-0.1	10.6	(12),18	-3.9	31	4.4	-	27	32	7	5	18	11	-	1	-	-	-	0	8	25	-	-	1.56	149	-		
Spadeadam ...	99	274	4.5	-0.1	2.2	-	9.4	18,19	-6.7	30,31	4.2	6.0	82	-	16	2	19	15	5	4	1	0	0	0	19	25	-	0	1.93	-	-		
Westmorland																																	
Ambleside ...	99	46	6.8	2.0	4.4	-	11.1	2	-3.9	9	-	-	94	46	22	16	17	15	2	0	0	0	0	0	6	-	-	0	-	-	-		
Great Dun Fell ...	21-9	847	0.9	-2.2	-1.3	-	9.0	10	-7.7	31	-	-	-	-	-	-	-	-	-	12	-	-	-	19	26	-	-	-	1.02	-	-		
Moor House ...	99	556	2.9	-1.2	0.9	-	7.2	2,18,19	-6.1	31	3.3	-	173	90	30	29	22	17	-	8	-	-	-	5	20	27	-	-	1.17	-	-		
Lancashire																																	
Squires Gate ...	21-9	10	7.1	3.5	5.3	+0.1	10.9	19	-3.3	31	-	-	23	29	7	2	11	6	5	0	0	0	0	0	9	13	8	0	1.87	155	-		
Aigburth ...	99	14	7.4	3.5	5.5	-	12.2	18	-1.7	27	-	-	22	-	5	5	16	9	3	2	0	0	0	0	4	12	-	0	1.71	-	-		
Southport ...	99	5	7.4	(1.9)	(4.7)	-	11.7	18	-4.4	27	5.3	9.6	31	40	6	3	17	9	-	0	-	-	-	7	14	-	-	-	1.95	-	-		
Poulton-le-Fylde ...	99	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Cartmel ...	99	34	7.0	1.3	4.1	-	10.6	2	-3.3	8,31	-	-	53	-	13	3	18	9	-	0	-	-	-	1	10	-	-	-	-	-	-		
Grizedale ...	99	91	6.8	0.4	3.6	-	11.1	18	-5.0	31	4.9	-	85	-	23	16	16	11	3	1	0	0	0	1	15	25	-	0	-	-	-		
Speke ...	21-9	22	7.0	3.3	5.1	-0.1	12.2	18	-3.1	26	-	-	21	29	5	5	15	8	7	2	1	0	0	0	9	10	9	0	1.66	-	-		
Kirkham ...	99	24	6.9	1.7	4.3	-	11.1	18	-4.4	22	-	-	28	32	6	2	15	7	3	0	0	0	0	0	9	20	-	0	1.90	-	-		
Bailrigg ...	99	53	6.7	2.1	4.4	-	11.0	18	-2.7	31	-	-	33	-	7	16	16	8	-	1	-	-	-	0	8	19	-	-	1.78	-	-		
Morecambe ...	99	7	6.7	3.3	5.0	0.0	11.7	18	-1.1	8,27,31	-	-	31	33	7	16	11	7	2	0	0	0	0	0	5	-	-	0	1.85	159	-		
Preston ...	99	33	6.8	2.2	4.5	-	11.1	18	-2.8	8,21,31	-	-	35	39	10	2	14	11	6	2	0	0	0	5	8	13	-	0	-	-	-		
Bolton ...	99	107	6.4	2.0	4.2	-	10.6	2,18	-2.8	27,31	5.6	-	66	-	15	2	18	12	-	7	-	-	-	1	10	18	-	-	1.73	-	-		
Stonyhurst ...	99	115	6.7	1.6	4.1	-0.2	11.1	18	-3.9	31	-	-	59	52	15	2	15	12	-	3	-	-	-	1	9	9	-	-	2.33	214	-		
Manchester/ W. Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.47	-	-		
Helmshore ...	99	261	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Burnley ...	99	200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-													

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS DECEMBER, 1970

DISTRICT, COUNTY AND PLACE	Terminal hr. GMT of Observation	Height of Station above NSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days										BRIGHT SUNSHINE						
			MEANS OF		Daily Mean (mean of A & B)	Difference from 1911-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1916-50 average	MOST IN A DAY		Precip'n 0.2 mm or more 1.0 mm or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1911-60 average	Exposure			
			Max. (A)	Min. (B)			Maximum	Date	Minimum	Date					Amount (mm)	Date																	
8a. SOUTH WALES.																																	
Cardigan																																	
Aberporth ...	21-9	133	7.0	3.8	5.4	-0.8	11.5	3	-2.3	27	-	-	43	38	10	3	16	10	5	0	0	0	0	0	5	12	10	0	2.24	-	-	-	
Gogerddan ...	9 9	31		1.7					-6.1	31	-	-	60	59	24	3	16	10	4	2	0	0	0	0	13	20	-	0	2.25	-	-	-	
Swyddffynnon ...	9 9	165	6.7	0.9	3.8	-	11.1	2,3	-7.8	31	-	-	70	50	20	3	10	9	-	2	-	-	-	0	12	22	-	-	2.27	-	-	S	
Trawscoed ...	9 9	61																															
Llety-evan-hen ...	9 9	290	5.8	1.6	3.7	-	10.6	3	-4.4	27	-	-	87	62	31	3	18	12	6	2	0	1	0	0	11	17	-	0	2.44	185	-	-	
Cwmystwyth ...	9 9	301	5.7	0.8	3.3	-	10.0	2,3,18	-5.6	31	-	-	108	-	32	3	14	13	-	5	-	-	-	15	18	-	-	-	-	-	-	-	
Pembroke																																	
Dale Fort ...	9 9	33	8.6	4.4	6.5	-	12.2	2	-2.8	28	6.7	-	29	-	7	3	12	9	4	3	0	0	0	0	7	13	-	1	2.34	-	-	-	
Milford Haven C.B.*	21-9	37	8.0	4.2	6.1	-	12.0	2,3	-3.5	27,28	-	-	62	-	14	15	16	12	3	0	0	0	0	0	6	13	12	1	-	-	-	-	
Orielton ...	9 9	61	(8.2)	(2.9)	(5.5)	-	11.7	3,16	-3.9	28,31	(6.7)	-	60	-	14	15	15	12	3	1	0	0	0	1	12	15	-	0	-	-	-	-	
Haverfordwest ...	9 9	8	8.3	1.3	4.8	-	12.2	2,3,18	-6.7	28,31	-	-	76	-	17	15	17	12	4	-	0	0	0	-	14	-	0	-	(1.69)	-	-	-	
Carmarthen																																	
Carmarthen ...	9 9	15	7.6	0.9	4.3	-	12.8	2	-7.2	31	7.4	-	55	-	11	16	16	12	1	1	0	1	0	0	15	19	-	0	2.04	-	-	-	
Brynamman ...	21-9	183	6.4	2.2	4.3	-	11.1	3	-3.7	31	-	-	75	-	16	3	18	14	6	-	1	1	0	1	12	14	-	0	-	-	-	-	
Radnor																																	
Cenarth Mill ...	21-9	282	5.1	0.3	2.7	-	11.0	3	-9.0	31	-	-	69	-	12	5	18	11	-	6	-	-	-	0	18	18	-	-	-	-	-	-	
Llandrindod Wells	9 9	235	5.6	0.7	3.1	-0.9	10.6	2,3,18	-5.0	31	6.2	-	51	46	11	3	17	13	7	5	1	0	0	0	16	-	-	0	0.72	70	8	-	
Brecknock																																	
Llwynon ...	9 9	262	5.8	0.8	3.3	-	11.1	3	-5.0	31	-	-	94	-	18	3	20	16	7	7	0	0	0	5	15	-	0	-	-	-	-	-	
Glamorgan																																	
Mumbles ...	21-9	37	7.6	3.8	5.7	-	11.9	2	-2.0	27	-	-	-	-	-	-	-	-	3	0	0	0	0	0	6	12	9	2	-	-	-	-	
Penmaen ...	9 9	82	7.2	2.8	5.0	-	11.7	2,3	-3.9	28	6.3	8.1	59	-	21	3	14	10	3	2	0	0	0	1	9	14	-	0	2.40	-	-	-	
Swansea ...	9 9	8																															
Port Talbot ...	9 9	7	8.3	3.1	5.7	-	12.8	2	-5.0	28	-	-	77	69	20	3	14	11	5	2	0	0	0	0	11	15	-	-	2.17	-	-	-	
Neath ...	9 9	62	7.9	3.1	5.5	-	12.8	2	-2.2	28	-	-	96	73	23	15	13	11	3	0	0	0	0	0	9	16	-	0	-	-	-	-	
Rhoose ...	21-9	67	7.0	2.3	4.7	-	12.0	3	-3.5	26,27	-	-	56	-	16	3	18	12	5	2	0	0	0	1	12	14	14	0	1.80	138	-	-	
Cardiff ...	9 9	62																															
Monmouth																																	
Tredegar ...	9 9	313		0.7		-	10.6	2,3	-5.6	31	-	-	86	49	11	3,23	21	16	6	7	0	0	0	10	14	22	-	1	-	-	-	-	
Newport ...	9 9	23	(7.2)	2.1	(4.7)	(-0.6)	12.2	2,3	-3.3	31	-	-	79	76	16	3	17	14	3	2	0	0	0	0	12	18	-	0	1.95	-	-	-	
Usk ...	9 9	21																															
Crumbland ...	9 9	245	5.6	1.0	3.3	-	11.1	2,3	-5.0	27	5.3	7.9	44	42	9	5	17	11	-	6	-	-	-	3	11	18	-	-	1.94	-	-	-	
8b. ENGLAND, S.W.																																	
Somerset																																	
Hawkridge ...	9 9	314	5.6	1.4	3.5	-	10.6	2,3	-5.6	27	-	-	108	64	18	29	19	16	6	6	1	1	1	2	13	18	-	0	1.95	-	-	-	
Nettlecombe ...	9 9	96	7.4	1.6	4.5	-	12.8	2,3,18	-5.0	27,31	6.5	-	43	-	7	11,29	15	10	5	2	0	0	0	0	14	20	-	0	-	-	-	-	
Cannington ...	9 9	29	7.3	2.3	4.8	-	12.8	2,3	-3.9	27	7.8	-	27	36	6	29	14	8	0	-	0	0	0	1	10	15	-	0	(1.87)	(115)	-	-	
Weston-super-Mare	9 9	9	7.3	2.9	5.1	-1.0	11.7	2,3,18	-3.9	27	-	-	39	50	8	12	13	11	4	1	0	0	0	2	11	-	-	0	1.70	108	-	-	
Cricket Malherbie	9 9	76																															
Cheddar ...	9 9	11	7.7	-	-	-	12.2	2,3,18	-	-	(6.5)	-	54	-	12	29	15	11	-	4	-	-	-	-	18	-	-	-	-	-	-	-	
Yeovilton ...	21-9	18	7.1	1.5	4.3	-	13.2	2	-5.9	22	-	-	36	-	9	29	13	8	6	4	0	0	0	3	14	17	17	0	-	-	-	-	
Rodney Stoke ...	9 9	40	(7.3)	1.8	(4.5)	-	12.2	2,3	-3.9	27	7.0	9.7	49	-	15	29	13	12	-	4	-	-	-	1	12	19	-	-	-	-	-	-	
Long Ashton ...	9 9	49	7.2	1.9	4.5	-0.9	12.8	18,19	-3.3	27,31	5.6	-	35	39	5	5,29	15	10	6	2	0	0	0	2	14	19	-	0	1.69	116	-	-	
West Camel ...	9 9	27	7.3	0.6	3.9	-	12.2	2,4,17	-7.2	31	-	-	34	-	7	29	14	9	7	4	1	0	0	2	16	21	-	0	-	-	-	-	
Wincanton ...	9 9	114	6.7	0.9	3.8	-	11.7	2,3	-6.1	27	-	-	41	-	8	3	15	11	7	6	0	0	0	2	15	19	-	0	-	-	-	-	
Bath C.B.S.**	9 9	118	6.6	1.4	4.0	-	11.7	2,3,18	-5.0	27	6.6	-	31	41	8	29	13	11	7	6	0	0	0	3	14	-	0	-	-	-	-	-	
Dorset																																	
Portland Bill C.G.	21-9	53	7.3	4.6	5.9	-	12.1	2,3	-2.5	26	-	-	30	-	6	3	11	8	4	0	0	1	0	0	8	10	10	1	2.45	-	-	-	
Weymouth ...	9 9	23	7.8	2.5	5.1	-	12.2	3,12	-5.0	27	-	-	42	-	11	29	14	9	3	0	0	0	0	10	-	-	0	0	2.60	-	-	-	
Winfrith ...	9 9	26	7.8	1.4	4.6	-	12.8	2,3	-4.4	27	-	-	(31)	-	7	3	13	9	-	3	-	-	-	0	13	22	-	-	-	-	-	-	
Shaftesbury ...	9 9	207	6.1	1.1	3.6	-1.0	11.1	3,4	-6.1	27	-	-	32	36	7	29	16	12	-	7	-	-	-	3	12	-	-	-	-	-	-	-	
Swanage ...	9 9	11	8.1	3.3	5.7	-	12.8	3,4	-6.2	31	-	10.2	29	34	7	3	13	9	5	-	0	0	0	1	8	12	-	5	2.33	136	-	-	
Poole ...	9 9	8	7.5	1.9	4.7	-	12.8	2,3	-3.9	27	6.5	10.1	25	28	8	3	11	8	6	5	0	0	0	0	14	20	-	0	2.35	131	-	-	
Devon																																	
Virginstow ...	9 9	168	(7.1)	(2.0)	(4.5)	-	11.6	3	-5.0	27	-	-	67	-	20	2	14	13	-	-	-	-	-	12	16	-	-	-	-	-	-	-	
Hartland Point	21-9	91	7.8	4.7	6.3	-	12.2	4	-3.5	27	-	-	52	50	14	2	15	8	6	1	1	1	0	1	5	7	6	6	2.22	153	-	-	
Mount Batten	21-9	27	8.0	4.3	6.1	-1.1	12.7	3	-2.8	27	-	-	57	49	8	12	16	13	5	2	1	1	1	0	7	14	12	0	2.17	128	-	-	
Plymouth, The Hoe	9 9	36	8.1	3.7	5.9	-1.0	12.8	3	-3.3	27	8.0	10.4	48	42	7	12	15	12	3	2	0	0	1	0	9	19	-	0	2.51	144	-	-	
Tavistock ...	9 9	139	7.4	1.9	4.7	-1.2	11.7	3,4	-6.7	28	-	-	72	47	13	12	16	14	5	4	0	0	1	1	11	-	-	0	-	-	-	-	
Chivenor ...	21-9	6	8.2	3.5	5.9	-1.2	13.1	17	-4.3	27	-	-	57	55	8	2	16	13	6	2	1	2	0	2	10	14	13	0	2.11	-	-	-	
Ilfracombe ...	9 9	8																															
Salcombe ...	9 9	116	7.6	3.3	5.5	-	11.7	2,3,12	-2.8	27,28,31	-	-	53	-	10	2	12	11	5	-	0	0	0	2	8	-	-	1	2.02	-	-	-	
Totnes ...	9 9	85	7.9	2.2	5.1	-	12.8	2,17	-4.4	27,28	7.2	9.8	51	-	16	2	14	10	4	3	0	0	0	1	9	17	-	0	2.08	-	-	-	
Cheldon Barton	21-9	163	6.3	1.9	4.1	-	11.5	3	-4.8	31	6.1	-	55	-	10	12	13	11	4	4	1	0	1	1	11	20	-	0	2.17	-	-	-	

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS DECEMBER, 1970

DISTRICT, COUNTY AND PLACE	Max. Min.	Terminal hr. GMT of Observation	Height of Station above NISL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURES °C		RAINFALL (Terminal hour 9 GMT)			WEATHER Number of Days													BRIGHT SUNSHINE			
				MEANS OF		Daily Mean (mean of A & B)	Difference from 1931-50 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1931-50 average	MOST IN A DAY		Precip'n		Snow or Sleet	Snow lying at thr.	Hail	Ice Pellets etc.	Thunder heard	Fog at thr.	Air Frost	Glass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-50 average	Exposure	
				Max. (A)	Min. (B)			Maximum	Date	Minimum	Date					Amount (mm)	Date	0.2 mm or more	1.0 mm or more														
9. NORTHERN IRELAND																																	
Londonderry																																	
Loughmore Forest	99	174	6.9	1.2	4.1	-	11.5	18	-4.2	26	-	-	46	-	10	6	22	16	3	0	0	1	0	0	13	19	-	0	-	-	-		
Ballykelly	21-9	2	7.9	3.8	5.9	+0.3	13.2	18	-2.4	26	6.4	8.7	29	30	5	5	19	10	1	0	0	0	0	6	14	9	0	1.31	104	-			
Banagher, Caugh Hill			6.5	1.6	4.1	-	13.0	18	-2.2	27	-	-	55	-	9	5	21	17	5	3	0	0	0	0	7	17	-	2	-	-	-		
Derrynoyd Forest	99	88	7.3	2.0	4.7	-	11.6	19	-3.0	31	-	-	50	-	9	6	20	12	3	0	0	0	0	0	8	17	-	-	-	-	-		
Somerset Forest	99	43	7.8	2.5	5.1	-	13.1	18	-1.9	26	-	-	37	-	9	5	16	10	0	0	0	0	0	0	6	15	-	-	-	-	-		
Coleraine Univ....	99	23	8.1	3.2	5.7	-	12.8	18	-0.6	26,31	6.5	8.3	31	-	6	5	17	11	5	0	0	2	0	0	4	13	0	-	1.14	-	-		
Garvagh Forest	99	88	7.4	1.9	4.7	-	12.8	18	-2.8	26,31	6.7	9.2	50	-	10	6	22	15	3	2	3	0	0	0	11	18	-	-	-	-	-		
Moneydig	21-9	34	7.4	2.8	5.1	+0.2	12.2	18,19	-3.1	31	6.7	-	43	38	11	6	20	15	3	0	1	3	1	0	8	17	11	0	-	-	-		
Antrim																																	
Portrush Golf Club	99	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Ballymoney ...	99	55	7.7	2.3	5.0	-	12.5	18	-1.7	26	-	-	35	-	7	5	16	12	2	-	0	0	0	0	6	-	-	-	-	-	-		
Lisnafillan ...	99	38	7.7	1.7	4.7	-	11.7	18,19	-4.4	31	-	-	47	-	11	6	21	13	0	0	1	0	2	11	17	-	-	1.52	-	-			
Aldergrove %	21-9	69	6.9	2.6	4.7	-0.2	12.1	18	-4.0	31	6.0	8.0	36	37	5	6	15	10	4	0	0	0	0	0	8	14	14	0	1.53	138	-		
Greenmount ...	99	32	7.6	2.1	4.9	-	12.2	18	-3.3	31	6.2	-	41	-	5	19	20	13	1	0	0	0	0	-	10	16	-	-	-	-	-		
Altnahinch ...	99	226	6.1	1.8	3.9	-	10.6	18	-2.2	27,31	-	-	52	-	8	2	20	15	8	2	2	0	1	2	6	17	-	4	0.51	-	-		
Parkmore Forest	99	235	6.2	1.9	4.1	-	10.6	18	-2.8	31	5.8	-	66	38	11	6	20	16	0	0	0	0	0	5	20	-	1	-	-	-	-		
Black Mountain	21-9	295	5.2	1.8	3.5	-	10.0	18,19	-4.1	31	-	-	45	-	6	6	15	11	4	0	0	0	0	4	8	-	0	-	-	-	-		
Lowtown ...	99	271	5.9	1.4	3.7	-	10.0	18,19	-3.9	31	5.6	-	65	-	10	2	20	13	4	1	0	0	0	3	6	20	-	3	1.02	-	-		
Ballypatrick Forest	99	152	7.1	2.9	5.0	-	11.6	18	-0.5	26	-	-	37	29	6	4	16	10	3	0	1	0	0	0	1	14	-	1	0.79	-	-		
Belfast, Malone*	99	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Newtownabbey	99	32	8.2	3.6	5.9	-	12.8	18	-0.6	31	6.4	-	38	-	7	6	13	9	3	0	1	0	0	1	1	18	-	0	1.51	-	-		
Woodburn, North	99	217	6.4	1.6	4.0	-	11.1	18	-3.3	31	-	-	45	35	7	5	15	10	1	0	0	0	0	2	8	19	-	-	-	-	-		
Larne ...	99	43	8.2	3.1	5.7	-	12.6	18	0.1	15	-	-	42	36	11	6	16	9	0	0	1	0	0	0	0	-	-	3	-	-	-		
Kilroot	99	22	8.1	2.8	5.5	-	11.7	18,19	-3.3	31	-	-	33	-	11	6	15	10	0	0	0	0	0	0	4	14	-	-	-	-	-		
Ballylumford ...	99	24	8.3	3.4	5.9	-	12.8	18	-1.1	31	-	-	36	-	9	6	15	9	0	-	1	0	0	-	2	13	-	-	-	-	-		
Down																																	
Hillsborough %	99	116	7.0	2.0	4.5	-0.3	12.2	18	-3.9	31	6.4	8.4	26	29	4	5	16	10	2	1	0	0	0	0	5	20	-	1	1.68	140	-		
Kilkeel ...	21-9	18	8.1	3.8	5.9	-0.2	14.1	20	-1.0	14	-	-	65	-	12	28	18	15	2	0	2	0	0	0	2	9	10	1	1.88	-	-		
Tollymore Park	99	76	7.7	2.4	5.1	-	11.7	2	-3.3	31	-	-	39	26	9	14	18	10	0	0	0	0	0	0	2	13	-	-	-	-	-		
Rosetta ...	99	24	7.9	2.5	5.2	-	12.8	18	-1.1	31	-	-	32	-	5	6	15	10	0	0	0	0	0	1	2	-	-	-	-	-	-		
Murlough ...	99	9	8.1	2.4	5.3	-	12.2	2,18,19	-3.3	26	5.5	7.7	26	-	5	16	14	8	2	0	0	0	0	0	7	9	-	1	1.72	-	-		
Stormont Castle	99	56	7.9	2.8	5.3	-	12.2	18	-1.1	31	4.6	7.9	29	30	5	6	16	9	1	0	0	1	0	3	2	20	-	0	1.86	-	-		
Downpatrick ...	99	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Creighton's Green	99	119	7.1	2.8	4.9	-	11.7	18	-1.7	31	-	-	30	-	4	2,14,19	14	8	3	0	0	0	0	3	14	-	0	-	-	-	-		
Reagh Island**	99	12	7.8	3.2	5.5	-	11.7	18	-0.6	31	-	-	14	-	2	4	11	7	-	-	-	-	-	0	1	14	-	-	1.73	-	-		
Helen's Bay ...	99	43	7.6	3.8	5.7	-	12.2	18	0.6	31	-	-	25	-	4	14	13	8	2	0	0	1	0	0	0	13	-	0	1.70	-	-		
Killough ...	21-9	15	7.7	3.8	5.7	-	11.3	2,3	-2.7	31	-	-	31	-	8	16	18	10	2	0	0	0	0	2	7	7	1	-	-	-	-		
Ballywalter Park	-	5	-	-	-	-	-	-	-	-	-	-	-	-	21	23	4	12	15	8	-	-	-	-	-	-	-	-	1.73	-	-		
Armagh																																	
Armagh %	99	62	7.1	1.8	4.5	-0.6	12.2	18	-3.3	31	6.6	8.7	33	42	6	5	14	7	1	0	0	0	0	0	8	20	-	0	1.62	145	-		
Loughgall ...	99	25	7.8	1.7	4.7	-	12.8	18	-4.4	31	-	-	32	42	6	5	13	8	2	0	0	0	0	0	10	22	-	0	1.95	-	-		
Bessbrook ...	-	76	-	-	-	-	-	-	-	-	-	-	33	32	8	6	18	8	-	-	-	-	-	-	-	-	-	-	1.75	127	-		
Portadown ...	99	16	7.8	1.7	4.7	-	12.8	18	-3.3	31	6.2	9.1	27	-	4	5	13	9	0	-	0	0	0	-	9	20	-	0	-	-	-		
Lurgan ...	99	55	7.6	2.0	4.8	-	12.2	18	-2.8	8,31	5.8	8.6	25	-	4	5	12	9	-	-	-	-	-	-	8	19	-	-	1.65	-	-		
Tyrone																																	
Lough Bradan ...	99	169	6.5	1.3	3.9	-	11.7	18	-4.4	27	-	-	68	-	9	2	19	14	-	0	-	-	-	0	9	26	-	-	1.46	-	-		
Baronscourt Forest	99	88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Strabane Convent	99	44	7.6	2.3	4.9	-	12.5	18	-2.5	26	-	-	40	-	6	5	21	15	3	1	0	0	0	0	6	21	-	0	0.58	-	-		
Carrigans ...	21-9	113	7.0	2.4	4.7	-	11.8	18	-3.0	30	-	-	51	-	8	5	19	13	5	0	0	1	1	0	9	17	14	0	-	-	-		
Lislap Forest ...	99	209	6.7	0.9	3.8	-	11.1	19	-3.9	28	5.6	-	50	36	7	6	18	13	3	0	0	0	0	0	10	21	-	0	-	-	-		
Knockmany Forest	99	73	7.6	0.8	4.2	-	12.7	18	-3.4	28	-	-	36	34	8	5	17	10	2	0	0	0	0	0	13	20	-	-	-	-	-		
Pomeroy Forest	99	165	6.7	1.8	4.3	-	11.7	18	-2.2	27,31	5.9	-	39	-	7	5	17	10	2	0	0	0	0	1	6	18	-	0	-	-	-		
Cookstown ...	99	77	7.4	2.4	4.9	-	12.2	18	-3.3	31	5.9	-	36	37	7	5	18	10	1	-	0	0	0	0	6	17	-	-	1.48	-	-		
Fermanagh																																	
Roscor ...	99	143	6.9	1.8	4.3	-	11.8	18	-3.5	27	-	-	50	40	13	5	18	12	2	0	3	0	1	0	8	20	-	1	-	-	-		
Lough Navar Forest	99	148	7.1	0.8	3.9	-	11.5	18,19	-4.5	27,28,29	-	-	58	-	17	5	18	12	1	0	1	0	1	1	11	18	-	0	-	-	-		
C.Archdale Forest %	99	66	7.4	1.9	4.7	-0.4	12.8	18	-3.3	26,28	5.9	7.7	39	36	10	5	15	11	0	0	0	0	0	0	9	17	-	0	1.68	124	-		
Lisnaskea ...	99	49	7.4	1.4	4.4	-	12.2	18,19	-3.3	28,29,31	-	-	40	-	8	5	17	10	1	-	0	0	0	0	13	18	-	0	1.41	-	-		
Pubble Forest ...	99	91	7.8	1.9	4.9	+0.2	13.4	18	-4.4	28	-	-	49	-	11	5	16	12	0	0	0	0	0	1	9	20	-	-	-	-	-		
CHANNEL ISLES																																	
Guernsey Airport	21-9	104	7.6	5.1	6.3	-1.4	12.5	3	-3.0	26	7.7	10.0	74	74	15	2	16	13	8	3	1	1	0	1	5	8	-	2	1.58	-	-		
Guernsey L'Ancresee																																	

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS

DECEMBER, 1970

Height of Barometer above M.S.L. in metres	Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Metres and Kilometres)							WIND SPEED AND DIRECTION																						
		At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	Mean	0	1-2	3-5	6-7	8	9	0-39 m.	40-190 m.	200-300 m.	400-590 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.					
																									16 or more	8, 7	4, 5	1-3	Calm													
																																						SPEED IN KNOTS				
																																						34 or more	22-33	11-21	1-10	0
Number of Observations																																										
0 SCOTLAND, N.																																										
Lerwick [Zetland]																																										
83	3	1018.2	-	4.5	0.9	7.3	85	6.6	0	0	8	9	14	0	0	0	0	0	1	1	7	19	3	0	4	19	7	1	7	1	0	1	4	5	8	4						
	9	1018.6	+12.9	4.4	0.8	7.3	85	6.3	0	1	6	17	7	0	0	0	0	1	0	3	12	12	3	1	4	15	11	0	6	2	0	1	5	4	10	3						
	15	1018.6	-	4.8	1.0	7.3	84	6.5	0	0	7	15	9	0	0	0	0	0	4	12	9	6	1	4	18	6	2	4	2	1	0	4	3	11	4							
	21	1018.7	-	4.6	1.0	7.2	84	5.8	1	4	4	10	12	0	0	0	0	0	0	4	13	8	1	4	20	6	0	7	2	2	0	6	5	3								
Kirkwall [Orkney]																																										
26	3	1020.1	-	4.7	0.7	7.6	88	5.1	0	7	8	8	8	0	0	0	0	1	0	1	4	20	5	1	4	19	6	1	8	2	1	1	7	3	6	2						
	9	1020.5	+14.4	4.7	0.7	7.6	88	6.1	0	2	6	18	5	0	0	0	0	0	3	20	5	1	5	15	9	1	6	2	1	1	5	5	10	0								
	15	1020.1	-	5.2	0.9	7.7	86	6.2	0	3	3	21	4	0	0	0	0	0	2	4	18	7	0	7	15	9	0	5	2	1	2	6	3	9	3							
	21	1020.2	-	5.1	0.7	7.8	88	6.0	0	4	5	12	10	0	0	0	0	0	3	6	19	3	0	5	15	10	1	5	2	0	1	8	4	6	4							
Wick [Caithness]																																										
37	3	1020.9	-	4.3	0.8	7.3	87	5.0	0	7	7	15	2	0	0	0	0	0	1	3	20	7	0	0	18	13	0	6	1	1	2	5	5	7	4							
	9	1021.3	+14.6	4.1	0.8	7.2	87	6.0	0	0	10	17	4	0	0	0	0	0	3	5	13	10	0	1	12	18	0	5	1	1	3	3	4	10	4							
	15	1020.8	-	5.2	0.9	7.6	85	6.2	0	2	4	22	3	0	0	0	0	1	1	6	8	15	0	3	12	15	1	5	1	1	0	6	7	6	4							
	21	1021.0	-	4.7	0.9	7.4	86	5.9	0	4	4	17	6	0	0	0	0	1	0	3	6	14	7	0	2	14	15	0	3	4	0	1	7	5	6	5						
Cape Wrath* [Sutherland]																																										
113	3	1019.6	-	5.7	1.4	7.2	77	5.1	0	4	12	9	6	0	0	0	0	0	0	0	8	23	3	2	12	12	2	3	7	1	1	2	7	6	2							
	9	1020.1	-	5.6	1.4	7.2	78	7.2	0	0	2	15	14	0	0	0	0	0	1	13	17	2	2	12	14	1	3	5	2	2	1	10	7	0								
	15	1020.0	-	5.9	1.3	7.6	80	7.0	0	0	2	19	10	0	0	0	1	0	1	14	14	1	4	12	14	0	2	5	0	3	2	11	5	3								
	21	1019.7	-	6.0	1.3	7.6	80	6.1	0	3	8	8	12	0	0	0	0	1	0	2	11	17	1	6	11	12	1	3	5	1	2	2	9	6	2							
Stornoway [Ross & Cromarty]																																										
5	3	1021.4	-	4.9	0.7	7.8	89	4.7	2	7	7	10	5	0	0	0	0	0	2	3	21	5	0	4	18	9	0	4	0	2	2	3	8	9	3							
	9	1021.5	+15.5	4.9	0.6	7.8	89	5.7	0	4	7	12	8	0	0	0	0	2	0	9	14	6	0	5	13	11	2	2	2	2	1	8	6	6	2							
	15	1020.9	-	6.1	0.8	8.4	88	6.1	0	2	7	15	7	0	0	0	0	0	4	6	13	8	1	3	18	9	0	3	3	3	1	6	8	4	3							
	21	1021.3	-	5.4	0.8	8.0	89	4.6	3	7	5	9	7	0	0	0	0	0	2	9	14	6	0	5	16	9	1	3	4	2	1	4	8	4	4							
Benbecula [Inverness]																																										
7	3	1022.2	-	5.5	0.8	8.1	88	4.6	2	9	4	10	6	0	0	0	0	1	0	6	10	14	0	4	14	9	4	4	4	2	0	6	5	6	0							
	9	1022.2	+15.9	5.6	0.8	8.1	87	6.0	0	4	6	13	8	0	0	0	0	0	4	5	10	12	0	2	16	12	1	2	4	3	2	9	5	4	1							
	15	1021.5	-	6.4	0.9	8.5	87	6.0	0	3	8	13	7	0	0	0	0	0	3	7	12	9	0	4	15	12	0	5	3	1	2	7	5	5	3							
	21	1022.1	-	6.0	0.9	8.2	87	5.8	0	3	7	17	4	0	0	0	0	0	1	4	2	11	13	1	5	13	11	1	6	2	3	1	5	6	1							
1 SCOTLAND, E.																																										
Kinloss [Moray]																																										
6	3	1021.6	-	4.3	1.1	6.9	83	5.9	0	4	4	16	7	0	0	0	0	0	3	2	19	7	0	2	11	17	1	2	2	2	0	2	14	4	4							
	9	1022.1	+15.8	4.3	1.1	7.0	83	5.9	0	4	4	18	5	0	0	0	0	2	0	5	11	13	0	2	13	16	0	3	2	1	2	4	15	3	1							
	15	1021.4	-	5.3	1.2	7.3	82	6.0	0	3	4	20	3	1	0	1	0	0	0	6	14	10	0	2	16	12	1	1	2	2	1	5	8	9	2							
	21	1021.5	-	4.8	1.2	7.1	82	5.9	1	3	7	11	9	0	0	0	1	0	0	6	16	7	0	2	15	14	0	2	1	2	3	4	12	3	4							
Dyce [Aberdeen]																																										
59	3	1021.4	-	3.7	0.9	6.8	84	4.4	4	7	5	11	4	0	0	0	0	1	2	9	12	7	0	1	20	7	3	4	2	1	0	3	5	7	6							
	9	1022.1	+13.6	3.3	0.9	6.6	84	5.4	0	7	3	18	3	0	0	0	0	1	6	11	6	7	0	1	14	14	2	8	0	1	0	6	1	9	4							
	15	1021.7	-	4.7	1.2	7.0	82	5.8	0	4	5	16	6	0	0	0	0	1	10	7	9	4	0	1	15	15	0	3	1	1	0	4	5	8	9							
	21	1021.8	-	4.0	0.9	7.1	86	5.6	1	6	4	11	9	0	0	0	0	1	7	12	8	3	0	1	13	16	1	5	1	1	1	4	7	5	6							
Fraserburgh [Aberdeen]																																										
22	3	1020.7	-	5.9	0.4	8.8	93	5.8	0	4	8	7	12	0	0	0	0	0	2	18	11	0	0	8	10	13	0	9	1	3	0	6	5	6	1							
	9	1021.1	+13.6	5.5	0.4	8.6	94	5.7	0	1	12	11	7	0	0	0	0	0	6	9	16	0	0	4	19	8	0	8	1	4	1	6	2	9	0							
	15	1021.0	-	6.2	0.4	9.0	94	6.2	0	3	5	13	10	0	0	0	0	5	13	13	0	0	6	11	14	0	6	1	3	0	9	1	9	2								
	21	1021.0	-	5.8	0.4	8.8	94	6.2	0	2	6	12	11	0	0	0	0	0	2	16	13	0	0	5	13	12	1	6	1	2	1	11	2	6	1							
Usan [Angus]																																										
35	3	1022.0	-	4.5	0.9	7.2	84	3.7	1	13	7	4	6	0	0	0	0	0	4	3	3	21	0	1	12	17	1	8	2	1	0	1	5	8	5							
	9	1022.6	-	3.9	0.9	7.0	85	5.2	0	7	6	11	6	1	0	0	1	0	4	2	4	19	0	0	14	16	1	8	0	3	0	1	5	10	3							
	15	1022.1	-	5.2	1.1	7.4	83	6.1	0	4	3	16	8	0	0	0	0	1	3	8	8	11	0	1	17	11	2	8	1	4	0	2	4	9	1							
	21	1022.3	-	4.8	1.0	7.2	83	5.6	1	8	1	8	13	0	0	0	0	0	3	7	8	13	1	2	15	12	1	5	2	3	0	1	7	6	6							
Leuchars [Fife]																																										
12	3	1021.8	-	3.8	0.9	6.9	86	4.6	4	7	3	12	5	0	0	0	0	1	4	6	8	12	0	0	13	17	1	5	3	1	0	1	6	11	3							
	9	1022.4	+13.3	3.5	0.8	6.8	86	5.3	0	6	6	15	4	0	0	0	1	0	2	7	10	10	0	1	13	15	2	5	2	1	0	2	6	12	1							
	15	1021.9	-	5.2	1.1	7.4	83	6.0	0	3	6	19	3	0	0	0	0	2	3	8	11	7	0	0	17	10	4	4	2	0	0	8	9	0								
	21	1022.1	-	4.2	0.8	7.2	87	5.9	0	4	5	13	9	0	0	0	0	1	6	5	13	6	0	3	9	16	3	2	4	2	0	0	10	9								
Turnhouse [Midlothian]																																										
44	3	1022.5	-	4.0	0.9	7.0	85	4.9	3	6	4	12	6	0	0	0	0	1	4	16	7	3	0	0	11	18	2	5	3	1	0	2	9	8	1							
	9	1023.2	+13.6	3.7	0.8	7.0	86	5.5	0	5	7	13	6	0	0	0	0	4	6	13	6	2	0	1	9	14	7	4	3	0	0	1	11	4	1							
	15	1022.5	-	5.5	1.3	7.4	81	6.2	0	2	2	24	3	0	0	0	0	1	3	8	16	2	1	0	1	14	12	4	6	0	2	0	2	14	2	1						
	21	1022.7	-	4.1	0.8	7.2	87	6.2	0	4	3	14	10	0	0	0	0	3	10	15	3	0	0	1	9	17	4	4	2	1	0	2	14	3	1							
6a SCOTLAND, W.																																										
Tiree [Argyll]																																										
10																																										

*See Notes on Tables in the Introduction.

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS DECEMBER, 1970

Height of Barometer above M.S.L. in metres	Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Okta)					VISIBILITY (Metres and Kilometres)										WIND SPEED AND DIRECTION																
		At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	MEAN	0	1-2	3-5	6-7	8	9	0-39 m.	40-199 m.	200-399 m.	400-999 m.	1000-1999 m.	2000-3999 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.		
																									1-4	5-6	7-8	9-10	11-12										
																									1-4	5-6	7-8	9-10	11-12										
																									1-4	5-6	7-8	9-10	11-12										
Number of Observations																																							
6a. SCOTLAND, W. — contd.																																							
Abbotsinch [Renfrew]																																							
9	3	1022.9	-	4.3	0.9	7.2	85	5.2	3	5	5	11	7	0	0	0	0	0	0	1	6	10	8	6	0	0	8	14	9	1	4	0	1	4	6	6	0		
9	9	1023.4	+13.7	4.2	0.9	7.2	85	5.7	0	5	6	12	8	0	0	0	0	1	5	5	5	11	3	0	0	8	20	3	3	5	1	1	5	11	2	0			
15	9	1022.7	-	6.0	1.4	7.6	79	5.8	0	4	5	14	8	0	0	0	0	2	3	8	8	7	3	0	0	13	14	4	3	3	3	0	4	8	5	1			
21	9	1022.9	-	4.6	0.9	7.4	85	5.6	1	4	8	5	13	0	0	0	0	1	1	4	7	9	4	5	0	1	7	20	3	1	7	2	1	3	7	6	1		
Salsburgh [Lanark]																																							
9	3	1022.9	-	4.6	0.9	7.4	86	5.5	2	6	3	10	10	0	0	0	0	0	0	0	6	17	6	2	0	0	10	19	2	5	6	2	3	2	3	6	2		
21	9	1023.5	+13.6	4.0	0.9	7.2	86	5.5	0	5	6	15	5	0	0	0	0	0	3	11	11	6	0	0	1	9	18	3	2	3	5	4	9	1	6	4			
15	9	1022.8	-	5.9	1.2	7.7	82	6.0	0	4	4	17	6	0	0	0	0	0	1	9	11	6	4	0	0	13	14	4	2	2	4	1	6	5	5	2			
21	9	1022.9	-	4.7	0.8	7.7	88	5.1	1	9	4	6	11	0	0	0	0	0	3	12	13	3	0	0	2	7	19	3	2	5	3	3	5	1	5	4			
Eskdalemuir [Dumfries]																																							
237	3	1022.7	-	2.8	0.7	6.8	88	5.5	3	6	1	10	8	3	0	2	2	0	0	3	7	10	5	2	0	0	12	13	6	3	7	0	0	5	5	1	4		
9	9	1023.5	+13.0	2.5	0.7	6.5	86	5.7	0	7	4	10	9	1	0	0	2	0	1	1	9	4	11	3	0	1	10	11	9	8	2	0	0	3	5	4	0		
15	9	1022.8	-	3.9	0.9	7.0	84	6.0	0	3	7	12	9	0	0	0	0	1	2	2	5	6	11	4	0	0	15	11	5	5	4	0	0	4	6	5	2		
21	9	1023.0	-	2.8	0.5	7.0	90	5.3	5	3	4	4	14	1	0	1	1	3	1	3	6	9	7	0	1	0	11	12	7	1	6	0	0	4	8	1	4		
Mull of Galloway [Wigtown]																																							
79	3	1022.6	-	6.0	1.0	8.0	84	5.1	4	5	2	10	10	0	0	0	0	0	0	0	3	11	17	0	14	14	2	1	10	5	0	1	4	4	3	3			
9	9	1023.3	-	5.7	1.2	7.7	82	5.5	0	4	9	9	9	0	0	0	0	0	0	3	3	10	15	1	13	10	7	0	7	6	0	1	5	4	4	4			
15	9	1022.6	-	6.3	1.3	7.9	80	5.7	0	6	3	15	7	0	0	0	0	0	0	1	12	10	8	1	11	15	4	0	7	5	2	2	4	4	5	2			
21	9	1022.6	-	6.4	1.1	8.3	84	5.5	0	9	1	11	9	1	0	1	0	0	1	0	5	12	12	3	7	16	5	0	8	5	0	1	6	5	4	2			
6b. ISLE OF MAN																																							
Ronaldsway																																							
21	3	1023.2	-	6.2	1.1	8.1	84	5.4	1	6	6	5	13	0	0	0	0	0	0	2	7	9	13	0	1	19	11	0	12	2	3	1	3	1	4	5			
9	9	1023.9	+12.6	5.8	1.2	7.7	82	5.5	0	5	7	13	6	0	0	0	0	0	1	2	5	9	14	0	0	17	14	0	9	5	3	0	5	2	7	0			
15	9	1023.3	-	6.9	1.3	8.2	80	5.9	0	4	6	12	9	0	0	0	0	0	0	4	9	8	10	0	2	13	16	0	7	5	3	1	5	4	5	1			
21	9	1023.4	-	6.4	1.1	8.3	83	5.8	1	5	3	11	11	0	0	0	0	0	1	3	8	9	10	0	2	17	12	0	8	3	3	2	3	4	6	2			
Point of Ayre																																							
9	3	1022.8	-	6.7	0.8	8.8	88	4.4	4	7	7	5	8	0	0	0	0	0	0	2	2	6	21	0	3	21	6	1	3	5	4	2	3	3	4	6			
9	9	1023.6	-	6.4	0.9	8.4	86	5.4	0	5	9	9	8	0	0	0	0	0	0	2	3	8	18	0	3	20	7	1	5	7	1	1	5	2	4	5			
15	9	1023.0	-	7.0	1.1	8.5	83	5.6	0	3	10	10	8	0	0	0	0	0	0	2	3	9	17	0	3	19	9	0	4	7	1	3	5	4	4	3			
21	9	1023.2	-	6.8	0.8	8.8	87	4.8	3	2	11	10	5	0	0	0	0	0	0	3	2	7	19	0	2	21	8	0	4	4	3	3	5	6	3				
2. ENGLAND, N.E.																																							
Acklington [Northumberland]																																							
46	3	1021.9	-	4.3	0.7	7.5	90	6.3	3	0	5	8	15	0	0	0	0	1	2	4	9	13	2	0	4	13	12	2	4	4	2	0	1	6	9	3			
9	9	1022.9	+12.7	4.0	0.8	7.2	87	5.6	0	6	5	14	6	0	0	0	0	2	4	3	10	8	4	0	6	7	17	1	4	3	4	0	3	3	9	4			
15	9	1022.4	-	5.4	1.1	7.5	83	5.6	0	4	8	16	3	0	0	0	0	1	4	2	13	8	3	0	5	10	16	0	5	2	4	0	4	6	8	2			
21	9	1022.5	-	4.2	0.7	7.4	89	5.5	2	6	3	10	10	0	0	0	1	0	3	4	14	9	0	0	2	11	17	1	2	5	2	0	4	5	9	3			
Tynemouth [Northumberland]																																							
40	3	1022.0	-	5.6	0.7	8.2	89	6.3	3	0	4	8	16	0	0	0	0	2	3	1	12	13	0	0	6	19	5	1	4	1	4	0	4	4	10	3			
9	9	1022.9	+12.1	5.0	0.8	7.7	87	5.6	0	6	3	14	8	0	0	0	0	1	4	15	8	3	0	0	6	19	6	0	3	1	4	0	4	4	11	4			
15	9	1022.6	-	6.0	1.0	8.0	85	5.9	0	3	8	14	6	0	0	0	0	3	3	14	7	4	0	0	7	16	7	1	3	2	4	0	4	1	13	3			
21	9	1022.7	-	5.8	1.0	8.0	86	5.8	4	1	1	16	9	0	0	0	0	1	2	8	14	6	0	0	3	18	9	1	1	3	4	0	6	4	10	2			
Seahouses [Northumberland]																																							
12	3	1021.8	-	5.3	0.8	7.8	87	5.9	2	3	6	7	13	0	0	0	0	2	3	11	15	0	2	8	9	12	0	3	5	3	1	5	6	6	2				
9	9	1022.8	-	5.0	0.9	7.6	86	5.8	0	6	4	11	10	0	0	0	1	0	0	7	13	8	2	2	7	11	11	0	4	6	2	0	4	5	8	2			
15	9	1022.5	-	6.0	1.1	7.8	83	5.5	1	2	8	16	4	0	0	0	0	1	2	3	11	12	2	0	7	12	11	1	2	5	2	0	5	3	11	2			
21	9	1022.3	-	5.3	0.8	7.9	88	5.3	2	5	6	8	10	0	0	0	0	1	0	6	14	10	0	0	6	13	12	0	3	5	2	0	5	7	9	0			
Leeming [Yorks, N.Riding]																																							
33	3	1022.6	-	4.5	0.8	7.5	87	6.2	3	1	4	8	13	2	0	0	1	1	3	2	7	7	6	4	0	2	11	14	4	6	5	0	1	7	2	1	5		
9	9	1023.7	+11.8	4.2	1.0	7.0	83	6.0	0	4	4	18	4	1	0	0	1	0	4	2	4	12	4	0	0	12	15	4	5	2	2	1	4	2	4	7			
15	9	1023.3	-	5.7	1.3	7.4	79	6.1	1	2	4	19	5	0	0	0	0	2	4	6	7	7	5	0	0	9	20	2	6	2	2	2	7	3	3	4			
21	9	1023.4	-	4.2	0.8	7.2	86	5.8	2	4	4	7	14	0	0	0	4	4	1	7	6	3	6	0	0	11	17	3	6	2	1	3	7	2	3	4			
Whitby C.G. [Yorks, N.Riding]																																							
66	3	1021.1	-	5.5	0.3	8.7	96	6.0	1	4	5	6	15	0	0	0	0	0	2	4	20	5	0	0	9	12	8	2	4	3	4	1	5	6	3	3			
9	9	1022.5	-	5.0	0.5	8.2	93	6.0	1	2	6	13	9	0	0	0	0	0	1	5	19	6	0	0	7	16	6	2	4	3	2	1	5	6	4	4			
15	9	1022.5	-	5.9	0.5	8.6	92	5.7	0	3	8	14	6	0	0	0	0	0	1	5	21	4	0	0	5	11	12	3	4	4	2	2	4	7	2	3			
21	9	1022.3	-	5.1	0.4	8.3	94	5.3	4	3	7	6	11	0	0	0	0	0	0	5	22	4	0	0	5	18	8	0	2	4	2	1	10	5	3	4			
Kilnsea [Yorks, E.Riding]																																							
16	3	1022.2	-	5.0	0.9	7.6	87	5.6	4	1	7	5	14	0	0	0	2	1	1	7	20	0	0	0	11	19	1	0	2	2	6	1	1	7	6	6			
9	9	1023.0	+10.7	5.1	0.9	7.6	85	6.6	1	0	5	1																											

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS DECEMBER, 1970

Height of Barometer above M.S.L. in metres	Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Metres and Kilometres)							WIND SPEED AND DIRECTION																			
		At Mean Sea Level	Difference from Average	Dry Bulb °C	Dewpoint of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	MEAN	0	1-2	3-5	6-7	8	9	0-39 m.	40-190 m.	200-300 m.	400-990 m.	1000-1900 m.	2000-3000 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.		
																									SPEED IN KNOTS														
																									8 or more	4-7	4-5	1-3	Calm										
																									22-33	11-21	1-10	0											
Number of Observations																																							
3. ENGLAND, E. - contd.																																							
Honington [Suffolk]																																							
51	3	1022.7	-	3.1	0.5	7.1	90	5.5	3	5	4	3	14	2	0	0	1	3	0	6	13	8	0	0	0	0	13	16	2	2	5	2	1	5	4	5	5		
	9	1023.1	+9.4	3.6	0.6	7.4	91	6.4	1	2	3	13	11	1	0	2	0	1	1	6	12	5	2	2	0	0	14	15	2	4	4	2	1	3	5	4	6		
	15	1023.2	-	4.7	1.0	7.4	84	5.7	0	4	7	13	7	0	0	2	0	0	0	4	16	3	6	0	0	1	9	20	1	4	6	2	0	4	4	6	4		
	21	1023.7	-	3.3	0.5	7.2	90	5.7	3	3	5	3	17	0	0	0	0	3	0	8	11	6	3	0	0	0	8	23	0	5	3	3	1	5	5	5	4		
Wattisham [Suffolk]																																							
91	3	1022.8	-	3.1	0.4	7.2	92	5.7	5	1	4	7	13	1	0	1	0	0	7	5	12	4	2	0	0	0	14	16	1	3	6	1	1	4	5	4	6		
	9	1023.2	-	3.4	0.5	7.3	92	6.9	1	2	1	8	17	2	0	1	1	0	1	8	14	3	3	0	0	0	12	17	2	6	3	3	1	6	3	4	5		
	15	1023.3	-	4.5	0.9	7.4	86	5.4	1	4	7	14	5	0	0	1	0	0	1	8	9	10	2	0	0	1	10	20	0	4	7	2	1	2	4	6	5		
	21	1023.9	-	3.0	0.4	7.1	92	5.5	3	4	4	8	12	0	0	0	0	1	7	5	14	1	3	0	0	0	6	25	0	5	5	3	0	5	4	5	4		
Aldeburgh [Suffolk]																																							
9	3	1022.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	9	1022.5	-	-	-	-	-	6.4	2	1	5	7	15	1	0	2	1	0	1	4	12	11	0	0	1	4	8	15	3	4	3	2	0	7	5	4	4		
	15	1022.6	-	-	-	-	-	5.8	1	5	4	10	11	0	0	0	1	0	0	2	13	15	0	0	1	3	8	18	1	4	5	3	1	2	2	7	6		
	21	1023.1	-	-	-	-	-	5.1	8	2	2	4	15	0	0	1	0	1	1	2	7	19	0	0	1	5	7	17	1	1	6	3	1	2	2	10	5		
Wyton [Hunts]																																							
43	3	1023.1	-	3.5	0.6	7.3	90	5.5	5	2	4	6	14	0	0	1	0	3	1	2	16	7	1	0	0	0	6	24	1	3	5	1	0	4	7	5	5		
	9	1023.6	-	3.7	0.6	7.4	90	6.2	2	0	7	10	11	1	0	0	2	4	0	3	15	5	2	0	0	1	8	21	1	7	3	2	0	4	5	4	5		
	15	1023.6	-	5.0	0.9	7.6	85	6.4	0	4	2	15	10	0	0	1	0	0	1	5	14	8	2	0	0	0	12	16	3	6	5	0	1	3	4	5	4		
	21	1024.0	-	3.8	0.7	7.3	89	5.5	4	4	2	7	14	0	0	0	0	2	2	5	10	11	1	0	0	0	7	22	2	4	4	2	1	3	7	5	3		
Cardington [Bedford]																																							
29	3	1023.1	-	3.3	0.4	7.3	93	5.1	8	2	1	9	10	1	0	0	1	2	1	4	12	8	3	0	0	0	8	22	1	2	7	1	0	6	6	5	3		
	9	1023.6	+9.6	3.7	0.5	7.5	91	6.3	1	3	3	11	12	1	0	1	1	2	1	2	16	8	0	0	0	1	8	21	1	8	4	0	1	3	6	6	2		
	15	1023.6	-	5.2	0.9	7.7	86	6.3	0	4	3	14	9	1	0	1	0	0	1	3	12	11	2	1	0	0	9	21	1	5	5	2	1	4	6	4	3		
	21	1024.1	-	3.6	0.5	7.4	93	5.9	4	2	3	4	18	0	0	0	0	1	5	3	12	7	3	0	0	0	8	23	0	4	2	4	1	3	9	4	4		
Stansted [Essex]																																							
102	3	1023.2	-	3.0	0.4	7.2	92	5.6	7	1	1	7	14	1	0	1	3	2	5	8	7	4	0	0	0	6	21	4	3	6	1	0	4	5	3	5			
	9	1023.4	+8.9	3.3	0.5	7.3	92	6.7	1	2	3	10	14	1	0	1	2	3	1	2	10	6	6	0	0	1	7	21	2	8	5	2	1	3	5	3	2		
	15	1023.5	-	4.7	0.9	7.5	86	5.8	1	4	4	12	8	2	0	1	0	0	2	8	6	8	5	1	0	0	8	22	1	7	5	2	2	2	4	5	3		
	21	1024.1	-	3.1	0.5	7.2	92	5.5	3	5	3	4	16	0	0	0	1	1	6	5	5	10	3	0	0	0	6	23	2	8	4	2	1	3	6	4	1		
Shoeburyness [Essex]																																							
5	9	1023.2	+8.6	4.5	0.8	7.6	87	6.6	0	4	1	10	15	1	0	2	0	1	2	4	11	6	3	2	0	2	19	9	1	5	3	3	2	1	7	4	5		
	15	1023.2	-	5.4	1.0	7.8	85	6.1	0	5	2	14	8	2	1	1	0	0	2	2	14	7	2	2	0	0	15	14	2	6	3	4	0	4	5	4	3		
	21	1023.8	-	4.2	0.7	7.5	89	5.3	5	4	3	5	13	1	0	1	0	1	4	5	11	5	3	1	0	2	11	18	0	5	3	3	1	2	7	3	7		
Walton-on-Naze [Essex]																																							
8	3	1022.6	-	4.5	0.8	7.5	87	5.0	5	3	7	2	13	1	0	0	1	0	1	4	14	11	0	0	0	4	11	16	0	2	1	6	1	2	6	4	9		
	9	1023.1	-	4.5	1.0	7.3	84	5.9	1	4	4	10	12	0	0	1	0	0	1	5	14	10	0	0	0	4	12	14	1	8	1	3	3	1	5	5	4		
	15	1022.7	-	5.4	1.1	7.6	83	5.6	2	1	9	10	8	1	0	1	0	0	1	3	16	10	0	0	0	3	14	11	3	5	4	4	2	2	3	4	4		
	21	1023.8	-	4.5	0.9	7.4	86	5.5	5	4	1	6	15	0	0	0	0	0	2	4	14	11	0	0	1	5	9	15	1	7	1	4	2	2	4	6	4		
4. MIDLAND COUNTIES																																							
Huddersfield Oakes [Yorks, W.R.]																																							
235	3	1022.6	-	3.2	0.6	7.1	90	6.1	2	1	6	11	10	1	0	1	1	0	0	2	14	8	5	0	0	0	8	22	1	4	4	0	1	1	7	9	4		
	9	1023.9	+11.6	3.0	0.5	7.0	90	5.8	2	4	2	12	11	0	0	0	0	1	1	1	10	10	8	0	0	0	7	18	6	3	6	1	0	1	3	7	4		
	15	1023.8	-	4.1	0.8	7.2	87	6.0	2	1	6	10	12	0	0	0	1	2	0	0	8	15	5	0	0	0	11	16	4	5	4	1	0	2	7	7	1		
	21	1023.7	-	3.2	0.5	7.2	91	5.9	2	2	6	7	12	2	0	2	0	1	0	0	10	8	10	0	0	2	6	20	3	2	7	1	1	0	7	6	4		
Watnall [Nottingham]																																							
119	3	1023.0	-	3.7	0.5	7.4	91	5.7	4	4	0	8	15	0	0	0	1	0	6	1	12	11	0	0	0	0	9	21	1	3	6	1	1	0	10	5	4		
	9	1023.9	+10.6	3.6	0.6	7.3	91	5.5	2	6	0	16	7	0	0	0	1	2	4	11	9	4	0	0	0	1	4	24	2	6	5	2	0	2	3	8	3		
	15	1023.7	-	4.9	1.0	7.4	85	5.9	0	4	7	11	9	0	0	0	0	1	8	4	13	5	0	0	0	0	11	20	0	6	6	2	0	4	7	4	2		
	21	1024.0	-	3.5	0.6	7.3	91	5.1	5	4	5	4	12	1	0	1	0	1	4	7	15	3	0	0	0	0	6	22	3	4	4	2	1	3	6	5	3		
Finningley [Nottingham]																																							
14	3	1022.6	-	4.5	0.6	7.7	90	5.9	5	1	3	8	13	1	0	0	0	2	2	2	9	11	4	1	0	0	9	20	2	5	3	1	0	7	4	3	6		
	9	1023.5	+11.1	4.2	0.7	7.4	88	5.5	1	4	6	15	5	0	0	0	1	3	2	4	10	8	3	0	0	0	8	21	2	8	1	2	2	5	2	4	5		
	15	1023.4	-	5.7	1.1	7.7	83	5.8	0	6	3	15	7	0	0	0	0	3	2	4	11	8	2	1	0	0	14	13	4	8	3	1	1	5	2	5	2		
	21	1023.6	-	4.2	0.6	7.6	91	5.3	6	2	3	11	9	0	0	0	0	2	2	4	14	7	2	0	0	0	6	23	2	3	3	1	2	7	4	3	6		
Wittering [Northampton]																																							
67	3	1023.0	-	3.5	0.6	7.2	90	5.5	4	3	4	9	10	1	0	1	0	1	2	5	13	5	4	0	0	0	13	18	0	4	4	1	0						

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS DECEMBER, 1970

Height of Barometer above M.S.L. in metres	Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktaa)						VISIBILITY (Metres and Kilometres)										WIND SPEED AND DIRECTION													
		At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	Mean	0	1-2	3-5	6-7	8	9	0-39 m.	40-190 m.	200-390 m.	400-990 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
																									SPEED IN KNOTS												
																									8 or more	4-7	4-5	1-3	Calm								
																									24 or more	22-33	11-21	1-10	0								
Number of Observations																																					
4. MIDLAND COUNTIES — contd.																																					
Little Rissington [Gloucester]																																					
229	3	1023.7	-	2.8	0.6	6.9	90	5.1	6	4	1	7	10	3	0	2	3	2	0	2	13	5	4	0	0	1	12	18	0	8	1	1	1	5	5	3	7
	9	1024.2	+10.1	3.1	0.6	7.1	90	6.1	0	6	0	16	7	2	0	3	0	0	0	4	12	9	2	1	0	0	14	17	0	10	3	1	2	3	5	5	2
	15	1023.9	-	4.1	1.0	7.0	83	5.8	0	5	5	13	8	0	0	0	0	0	1	4	15	5	4	2	0	0	15	15	1	7	4	1	3	3	4	2	6
	21	1024.5	-	2.8	0.6	6.9	90	5.6	5	3	3	3	14	3	1	3	1	1	0	4	10	7	4	0	0	1	11	18	1	7	4	1	1	4	5	3	5
5. ENGLAND, S.E.																																					
Heathrow [Greater London]																																					
26	3	1023.2	-	3.8	0.7	7.4	89	5.6	6	0	3	11	11	0	0	0	1	0	2	5	16	5	2	0	0	0	8	21	2	3	4	2	1	6	4	6	3
	9	1023.4	+8.9	4.3	0.8	7.4	87	6.5	0	2	5	14	8	2	0	2	0	0	3	2	16	6	1	1	0	1	11	18	1	5	4	1	1	7	2	6	4
	15	1023.3	-	5.9	1.4	7.6	80	5.5	2	5	2	13	9	0	0	1	0	0	3	3	13	8	3	0	0	0	15	16	0	8	1	3	1	5	3	6	4
	21	1024.0	-	4.3	0.8	7.5	88	5.6	3	3	5	8	12	0	0	0	0	1	2	7	13	6	2	0	0	0	10	20	1	5	4	1	2	5	4	4	5
Kew [Greater London]																																					
10	9	1023.3	+8.7	4.6	1.1	7.5	86	6.4	0	5	1	12	12	1	0	2	0	0	2	1	18	3	4	1	0	0	5	23	3	5	5	1	1	2	9	3	2
	15	1023.3	-	5.6	1.5	7.3	79	6.1	0	4	5	12	8	2	1	1	0	1	1	0	14	6	7	0	0	0	4	26	1	8	5	3	1	5	6	2	0
	21	1023.9	-	4.3	0.9	7.4	87	6.0	4	3	1	7	16	0	0	0	0	3	2	5	12	8	1	0	0	0	3	26	2	9	3	2	1	4	8	2	0
Gatwick [Sussex]																																					
59	3	1023.5	-	2.5	0.4	7.0	91	5.3	6	3	3	6	12	1	0	3	2	1	1	7	11	5	1	0	0	0	6	16	9	3	3	2	1	3	4	2	4
	9	1023.6	-	3.6	0.6	7.3	89	6.5	0	3	3	11	12	2	1	1	0	2	2	7	12	3	2	1	0	1	4	23	3	8	3	3	0	3	7	2	2
	15	1023.6	-	5.3	1.1	7.5	81	5.7	2	4	5	9	11	0	0	0	0	0	2	8	8	9	4	0	0	0	7	23	1	10	2	5	1	3	4	4	1
	21	1024.3	-	3.4	0.5	7.3	91	6.1	2	4	2	7	15	1	0	1	0	2	2	11	10	5	0	0	0	0	4	23	4	8	3	2	1	4	7	0	2
Dungeness [Kent]																																					
7	3	1022.6	-	4.6	0.6	8.0	90	4.1	12	2	2	3	11	1	1	0	0	0	0	3	6	6	14	1	1	4	13	11	2	5	2	5	1	3	2	7	4
	9	1022.8	-	5.1	0.5	8.4	92	6.4	0	5	2	6	18	0	0	1	0	0	0	0	10	7	12	1	0	6	13	11	1	3	1	6	1	4	1	8	6
	15	1022.9	-	6.1	0.7	8.6	88	5.7	0	4	9	5	13	0	0	0	0	0	1	2	9	4	15	0	0	4	16	10	1	6	2	6	1	1	4	6	4
	21	1023.6	-	5.1	0.6	8.2	91	4.9	4	8	2	2	12	3	0	1	0	2	0	0	7	7	13	1	0	2	15	14	0	5	0	8	1	3	3	7	4
Deal [Kent]																																					
10	3	1023.0	-	5.1	0.9	7.8	86	5.7	5	1	4	6	14	1	0	0	1	0	2	2	7	14	5	0	0	4	10	15	2	2	3	5	1	2	5	7	4
	9	1023.2	-	5.3	0.9	7.9	86	6.6	1	1	4	12	13	0	0	0	1	3	3	17	4	3	0	0	5	11	14	1	3	3	5	2	0	4	9	4	
	15	1023.1	-	5.9	1.1	7.9	83	6.4	1	0	8	10	11	1	0	0	0	1	3	5	12	7	3	0	0	2	11	16	2	4	3	7	0	1	4	6	4
	21	1023.8	-	5.3	1.0	7.6	84	5.0	4	6	3	6	11	1	0	0	1	0	0	5	6	12	7	0	0	1	15	14	1	3	4	7	0	2	3	8	3
Manston [Kent]																																					
15	3	1023.0	-	4.5	0.7	7.6	88	5.5	4	4	4	4	15	0	0	0	2	0	0	4	10	8	5	2	0	0	18	13	0	4	2	5	1	6	3	5	5
	9	1023.3	-	4.5	0.7	7.6	88	6.5	0	4	2	12	12	1	0	1	0	0	3	3	6	13	5	0	0	0	17	14	0	4	3	5	1	2	6	5	5
	15	1023.2	-	5.4	1.0	7.7	84	6.2	1	2	4	15	8	1	0	1	0	0	6	10	7	6	1	0	0	0	16	14	1	4	6	4	0	3	4	6	3
	21	1023.9	-	4.4	0.8	7.4	86	5.7	1	5	4	9	11	1	0	1	1	0	1	2	10	7	9	0	0	0	17	14	0	4	4	7	0	5	4	5	2
Thorney Island [Sussex]																																					
4	3	1023.8	-	3.9	0.6	7.6	90	4.9	7	3	2	8	11	0	0	1	0	0	1	2	14	10	3	0	0	0	9	21	1	6	6	4	0	3	3	5	3
	9	1024.0	+9.0	4.3	0.6	7.7	90	5.9	0	4	5	12	10	0	0	0	2	1	4	9	12	3	0	0	1	10	19	1	6	3	4	0	2	6	4	5	
	15	1023.7	-	6.0	1.1	8.0	83	5.7	0	5	6	11	9	0	0	0	0	0	5	11	8	7	0	0	0	14	17	0	9	6	1	1	3	4	5	2	
	21	1024.5	-	4.2	0.6	7.6	89	5.4	4	4	4	6	12	1	0	0	1	0	2	4	14	6	4	0	0	0	8	23	0	11	5	1	1	3	3	4	3
Eastbourne C.G. [Sussex]																																					
7	9	1023.2	+8.3	4.7	0.8	7.7	87	6.2	4	0	4	7	16	0	0	0	1	1	5	17	7	0	0	0	2	11	15	3	11	1	3	1	2	2	6	2	
	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	21	1023.5	-	4.7	0.8	7.6	87	6.1	4	0	5	5	17	0	0	0	1	0	1	17	12	0	0	0	0	10	20	1	12	2	3	1	3	2	6	1	
Abingdon [Berkshire]																																					
71	3	1023.3	-	2.8	0.5	7.0	90	4.9	8	3	2	6	12	0	0	2	0	1	2	3	13	8	2	0	0	0	6	24	1	6	2	2	1	3	6	3	7
	9	1023.7	+9.3	3.6	0.6	7.3	90	6.8	0	1	3	14	11	2	0	2	0	0	0	4	17	7	1	0	0	0	6	25	0	8	4	1	2	3	5	5	3
	15	1023.6	-	5.1	1.1	7.4	82	6.3	0	2	5	13	10	1	0	1	0	0	0	3	14	10	2	1	0	0	6	24	1	9	4	3	2	2	5	3	2
	21	1024.2	-	3.3	0.6	7.2	90	5.6	5	2	4	5	14	1	0	0	1	2	1	2	19	5	1	0	0	0	6	24	1	9	4	1	1	4	5	1	5
Hurn [Hampshire]																																					
14	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
S. Farnborough [Hampshire]																																					
70	3	1023.6	-	3.1	0.5	7.2	91	4.9	7	3	2	8	11	0	0	0	1	2	1	3	12	9	2	1	0	0	3	24	4	3	3	2	2	3	5	6	3
	9	1023.8	+9.0	3.8	0.6	7.4	89	6.4	1	3	2	14	9	2	0	3	0	0	3	14	2	7	2	0	0	4	27	0	6	4	2	1	3	5	7	3	
	15	1023.7	-	5.3	1.0	7.7	83	6.2	0	4	3	10	12	2	0	1	1	0	1	0	14	7	4	3	0	0	8	22	1	8	2	3	2	3	3	6	3
Lynham [Wiltshire]																																					
149	3	1023.7	-	3.1	0.6	7.1	89	5.4	4	5	1	10	11	0	0	0	1	2	4	14	7	3	0	0	0	0	11	19	1	5	5	1	1	6	3	6	
	9	1024.1	+9.7	3.2	0.5	7.2	90	5.8	2	4	3	10	12	0	0	1	2	0	3	2	13	9	1	0	0	0	8	23	0	5	6	2	1	4	7	4	2
	15	1023.7	-	4.8	0.9	7.6	85	6.0	1	4	3	13																									

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS DECEMBER, 1970

Height of Barometer above M.S.L. in metres	Hour of Observation (GMT)	MEAN PRESSURE IN mBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)						VISIBILITY (Metres and Kilometres)										WIND SPEED AND DIRECTION														
		At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	MEAN	0	1-2	3-5	6-7	8	9	0-39 m.	40-190 m.	200-390 m.	400-590 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	
																									SPEED IN KNOTS													
																									8 or more	6-7	4-5	1-3	Calm									
																									34 or more	22-33	11-21	1-10	0									
Number of Observations																																						
7a ENGLAND, N.W.																																						
Ringway [Cheshire]																																						
84	3	1023.0	-	4.5	0.9	7.4	86	5.9	0	6	5	4	16	0	0	0	0	1	5	14	7	4	0	0	0	7	22	2	3	2	1	11	1	4	6			
	9	1024.1	+11.4	4.4	1.1	7.1	83	6.1	1	2	4	15	9	0	0	0	0	1	4	9	10	7	0	0	0	8	21	2	8	3	1	2	5	3	3			
	15	1023.7	-	5.5	1.4	7.2	78	5.9	1	4	3	14	9	0	0	0	0	2	8	16	5	0	0	0	0	11	19	1	6	2	1	2	9	3	3			
	21	1023.9	-	4.3	0.9	7.2	85	5.4	3	3	11	10	0	0	1	0	0	2	14	11	3	0	0	0	0	0	9	18	4	2	3	1	0	8	5			
7b NORTH WALES																																						
Valley [Anglesey]																																						
11	3	1023.2	-	6.5	0.9	8.6	86	6.2	2	2	5	6	16	0	0	0	0	1	0	6	10	14	0	1	4	15	8	3	4	5	3	1	3	3	4			
	9	1024.0	+12.3	5.8	1.1	7.9	83	5.5	0	7	4	13	7	0	0	0	0	0	2	2	7	14	6	0	9	11	8	3	6	5	4	0	5	1	4			
	15	1023.5	-	7.2	1.4	8.2	78	6.0	0	5	1	19	6	0	0	0	0	0	1	7	5	11	7	1	6	15	8	1	9	3	2	1	6	5	2			
	21	1023.8	-	6.0	1.0	8.2	84	5.6	2	4	4	14	7	0	0	0	0	0	1	6	9	10	5	1	6	13	10	1	7	6	2	1	5	3	4			
Bardsey Island [Caernarvon]																																						
19	3	1023.0	-	7.6	0.8	9.6	89	5.7	4	4	3	3	17	0	0	0	0	0	0	2	11	17	1	0	6	8	15	2	12	3	2	0	5	0	6			
	9	1023.8	-	7.2	0.8	9.1	87	5.9	0	4	7	7	12	1	0	0	1	0	0	1	11	12	6	0	4	15	10	2	13	2	1	2	5	0	6			
	15	1023.3	-	7.6	1.0	9.1	85	6.0	0	3	8	11	9	0	0	0	0	0	0	1	12	13	5	1	3	14	12	1	8	5	3	1	2	4	6			
	21	1023.7	-	7.2	0.8	9.2	88	5.2	2	7	4	6	12	0	0	0	0	0	0	2	15	12	2	1	3	7	17	3	7	5	3	0	4	4	3			
8a SOUTH WALES																																						
Aberporth [Cardigan]																																						
134	3	1023.4	-	5.6	0.9	8.0	86	4.9	4	7	1	11	8	0	0	0	0	0	2	9	10	8	2	0	5	16	10	0	5	6	2	2	6	2	3			
	9	1024.0	+11.2	5.5	1.1	7.7	83	5.7	1	4	4	17	5	0	0	0	0	1	0	6	10	9	5	0	1	20	10	0	6	4	5	4	3	3	5			
	15	1023.6	-	6.1	1.3	7.8	79	5.4	1	6	6	11	7	0	0	0	0	0	1	4	15	5	6	0	1	22	7	1	8	4	1	4	6	2	3			
	21	1024.0	-	5.5	1.0	7.8	83	5.3	2	8	2	7	12	0	0	0	0	0	3	8	7	5	8	0	4	17	10	0	8	6	2	5	4	1	3			
Milford Haven C.B. [Pembroke]																																						
39	3	1023.8	-	5.8	0.7	8.5	88	4.5	10	2	2	4	13	0	0	0	0	0	0	13	11	7	0	0	1	15	12	3	6	7	2	1	2	4	2			
	9	1024.3	+11.3	6.1	0.8	8.5	87	5.5	3	4	4	10	10	0	0	0	0	0	0	15	15	1	0	0	0	14	16	1	8	6	4	0	4	3	2			
	15	1024.0	-	7.5	1.3	8.7	81	5.2	3	2	10	6	10	0	0	0	0	0	0	15	13	3	0	0	1	16	14	0	4	10	1	3	3	5	2			
	21	1024.3	-	6.0	0.9	8.4	86	4.8	8	3	3	5	12	0	0	0	0	0	1	11	15	4	0	0	1	13	16	1	3	12	0	3	3	4	1			
Brynamman [Carmarthen]																																						
-	9	-	-	3.6	0.4	7.6	93	5.6	2	4	2	14	9	0	0	0	1	2	6	9	7	6	0	0	0	6	21	4	2	7	4	2	2	1	6			
	15	-	-	5.4	0.7	8.2	88	5.2	0	9	4	11	7	0	0	0	1	4	4	8	2	12	0	0	0	3	21	7	0	9	2	2	1	3	4			
	21	-	-	3.6	0.4	7.6	91	4.7	4	6	5	4	12	0	0	0	0	6	5	4	15	1	0	0	0	4	22	5	0	10	4	2	1	1	4			
Mumbles [Glamorgan]																																						
37	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	9	1023.4	-	5.7	0.8	8.2	87	5.4	0	6	5	13	7	0	0	0	0	0	0	15	10	6	0	0	4	12	15	0	9	2	6	1	3	1	7			
	15	1023.0	-	6.9	1.3	8.2	80	5.8	0	4	6	13	7	1	0	0	1	0	1	0	11	10	6	2	0	3	16	10	2	6	1	9	0	3	2			
	21	1023.6	-	5.7	1.0	8.1	84	4.1	6	7	5	3	9	1	0	0	1	0	2	2	6	9	10	1	0	4	14	12	1	10	2	7	0	2	6			
Rhoose [Glamorgan]																																						
69	3	1023.6	-	4.4	0.7	7.7	88	5.6	3	3	6	7	12	0	0	0	0	0	4	4	17	5	1	0	0	11	19	1	5	8	2	1	3	4	5			
	9	1024.0	+9.9	4.3	0.7	7.7	89	5.5	0	8	3	10	9	1	0	0	1	0	3	9	12	5	1	0	0	12	17	2	6	7	2	1	2	0	9			
	15	1023.6	-	6.0	1.1	8.0	82	5.3	0	7	7	10	7	0	0	0	1	0	1	9	13	5	2	0	2	11	17	1	5	9	4	1	2	1	8			
	21	1024.3	-	4.2	0.8	7.5	87	4.5	4	8	5	4	9	1	1	0	0	1	2	9	11	7	0	0	1	10	19	1	5	7	3	2	2	4	5			
8b ENGLAND, S.W.																																						
Yeovilton [Somerset]																																						
23	3	1023.9	-	3.9	0.7	7.4	87	5.3	6	1	6	5	13	0	1	0	1	1	8	16	4	0	0	0	0	10	14	7	2	6	1	0	6	3				
	9	1024.1	-	4.0	0.8	7.4	87	5.9	0	4	5	13	8	1	0	1	0	2	0	2	18	8	0	0	0	10	14	7	3	5	2	1	3	3				
	15	1023.8	-	6.4	1.5	7.8	79	5.9	1	2	7	9	12	0	0	0	1	2	4	15	8	1	0	0	1	13	15	2	6	5	2	3	4	5				
	21	1024.6	-	4.0	0.9	7.2	86	4.6	7	4	5	2	13	0	0	1	1	1	4	19	5	0	0	0	0	7	16	8	5	5	3	1	3	3				
Portland Bill [Dorset]																																						
54	3	1017.7	-	5.9	0.7	8.6	90	5.1	6	4	1	8	11	1	0	0	1	1	0	18	9	2	0	0	4	20	7	0	7	6	3	1	1	3				
	9	1017.5	-	5.8	0.7	8.5	89	5.5	1	7	4	9	10	0	0	0	0	1	3	15	6	6	0	0	3	21	7	0	8	6	3	1	3	1				
	15	1016.7	-	6.6	0.9	8.6	86	5.5	0	6	7	5	13	0	0	1	2	3	11	10	4	0	1	5	15	9	1	5	7	6	0	2	2	5				
	21	1017.9	-	5.7	0.8	8.3	88	4.4	3	8	6	4	10	0	0	0	0	1	1	14	10	4	1	0	3	21	6	1	6	9	3	1	2	2				
Hartland Point [Devon]																																						
93	3	1023.4	-	6.4	1.1	8.2	83	4.5	5	6	5	8	7	0	0	0	0	0	7	17	7	0	2	9	16	3	1	3	10	2	0	4	3	5				
	9	1023.6	-	6.4	1.0	8.4	84	6.0	0	2	8	14	6	1	0	1	0	0	1	6	17	6	0	0	8	14	9	0	6	5	1	3	3	4				
	15	1023.3	-	6.9	1.2	8.4	81	5.9	0	3	8	12	7	1	0	0	0	1	0	0	11	9	10	0	2	10	16	2	1	4	10	3	1	2	3			
	21	1023.6	-	6.4	1.2	8.1	82	4.5	7	6	2	5	10	1	0	0	1	0	0	7	14	9	0	4	7	15	5	0	0	16	1	2	3	2	4			
Mount Batten [Devon]																																						
30	3	1023.8	-	5.9	0.7	8.6	88	5.1	5	4	2	12	8	0	0	0	0	0	1	10	17	3	0	0	0	13	16	2	8	6	2	0	4	5	0			
	9	1024.3	+9.6	5.7	0.7	8.5	88	5.5	2	5	2	15	7	0	0	0	0	0	3	14	11	3	0	0	1	14	14	2	8	3	5	1	3	1				
	15	1023.5	-	7.4	1.3	8.7	81	5.2	1	6	7	8	9	0	0	0	0	1	2	12	12	4	0	0	2	14	15	0	4	10	4	0	4	3				
	21	1024.3	-	5.8	0.9	8.3	86	4.5	8	3	4	7	9	0	0	0	0	1	3	11	16	0	0	0	3	12	16	0	0	12	6	0	3	4				
Chivenor [Devon]																																						
7	3	1023.7	-	5.5	0.9	8.0	85	4.9	5	4	4	11	7	0	0	0	0	0	2	10	12	6	1	0	1	11	15	4	2	5	8	1	4	1	4			
	9	1024.3	+10.5	5.3	0.9	7.9	86	5.4	1	6	5	13	6	0	0	0	2	0	1	10	6	11	1	0	0													

TABLE II—ADDITIONS AND CORRECTIONS

[illegible]

§ Incomplete record

TABLE III—ADDITIONS AND CORRECTIONS

[illegible]

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OF THE METEOROLOGICAL OFFICE

Summary for the year 1970



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1970 - AN AVERAGE YEAR OVERALL; COLD AND WET AT FIRST FOLLOWED BY DRY SPELLS

The first 4 months of the year were mainly cold and wet but some dry spells occurred later although there were also some heavy thunderstorms during the summer. The autumn was mostly mild except in north Scotland but the year ended with a cold and snowy week.

After blizzards and heavy snowfall in southern England on 4 March, many areas were affected by electric power failures. In Kent, telephone cables as well as electric power lines were brought down, thus exacerbating the hardship in some rural areas. A number of widespread heavy rainfalls occurred during the middle fortnight of April and nearly 182 mm of rain were recorded at Seathwaite Farm (Cumberland) in the 24 hours commencing 0900 GMT on the 22nd. This rainfall is the heaviest known 'daily' fall in April in the United Kingdom. The contrast between the rainfall in April and May is well illustrated by Stonyhurst (Lancashire) where the wettest April since 1848 was followed by the driest May since 1895. Despite a series of dry spells from late spring to mid-autumn, especially in the south and east, some intense local rainfalls occurred during thunderstorms. In June, which was warmer and sunnier than average (and also drier than average in many places), there were violent thunderstorms in some areas; on the 27th a downpour at Wisbech (Cambridgeshire) included the heaviest 10-minute rainfall (42 mm) ever recorded in the United Kingdom. On the same day farmers and growers in a number of areas in the east Midlands and East Anglia suffered severe financial loss from damaging falls of large hailstones. A period of widespread heavy rainfalls during the third week in August led to severe flooding in the counties of Moray and Nairn when the Rivers Findhorn, Lossie and Spey overflowed; many acres of crops were destroyed, livestock perished and flood damage occurred in the towns of Elgin and Forres. On 9 December Aldergrove (Co. Antrim) recorded a mean-sea-level atmospheric pressure of 1046.3 mb; this is the highest value here in December since records began in 1926.

Weather

January After a cold first week with some heavy snowfall in the north the weather was changeable, dull and often mild but wet.

February Although the weather was generally changeable, even stormy, it was also very sunny and rather cold. Snow was frequent and there was heavy rain at times.

March For most of the month cold winds between west and north brought frequent wintry showers to all districts. Snow occurred more often than usual and there were some heavy falls.

April This was a rather dull and cold month. It began with a period of 10 wintry days but later it became milder with heavy rain at times.

May The month was drier than average in most areas, the exceptions being in parts of north Scotland where the weather was mainly changeable. Snow fell on mountain peaks in Scotland on the 21st.

June The weather was sunny and warm in many areas during the first 3 weeks of the month and, despite heavy thunderstorms in some places, many areas were dry. The remainder of the month was cooler with rain at times.

rain at times.

July A cool and rather dull month resulted from changeable weather, especially during the last 2 weeks.

August The first fortnight was mostly warm but thundery and during the last week it became warm again but dry. However, the intervening period was very cool, and stormy weather led to flooding in widely separated areas.

September Weather was changeable in the north but more settled farther south. The second week was stormy in most districts but during the last half of the month a dry spell occurred in many southern areas.

October It was changeable in the north and west but elsewhere there were long dry spells, particularly in south-east England. Snow occurred at times in the north and sleet (rain or drizzle and snow) fell on Dartmoor on the 20th.

November The month was very changeable everywhere with, at times, strong winds and heavy rain which led to local damage and flooding in places. The middle of the month was cold; at this period slight snow which was widespread in Scotland also fell on the moors in south-west England on 15th/16th.

December It was changeable during the first week but thereafter amounts of rainfall (including melted snow) were small. A wintry spell began on the 22nd and there was heavy snowfall at times in England and Wales, especially in southern counties.

Wind

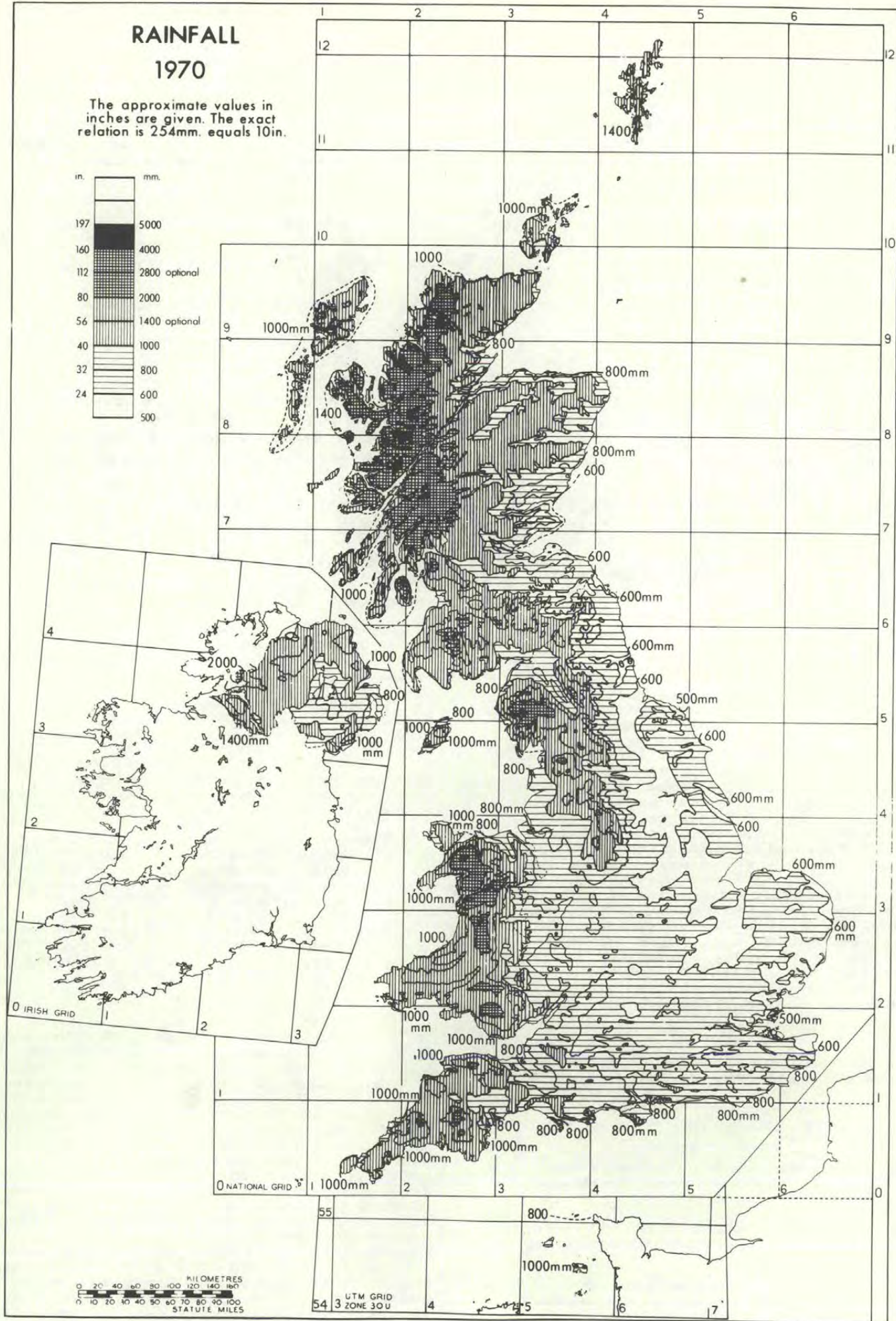
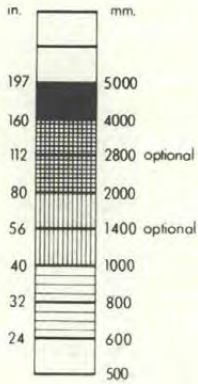
In general the number of days with gales in 1970 was above average on exposed coasts in Wales and south-west England but a little below average elsewhere. January was very windy; on the 8th a south-easterly gale carried sea-spray over sea-walls in south-west England causing flooding in many resorts. In January also, the Fraserburgh (Aberdeenshire) lifeboat capsized on the 21st in heavy seas following 7 consecutive windy days and 5 crew-members were drowned. Gusts of 60 to 70 kt during the first 3 days of February caused damage to electric power cables in the northern half of the country. High gusts were reported in many areas from 16 to 18 March; on the 16th a gust of 85 kt occurred at Cairngorm (Inverness-shire), height 1090 metres. Winds during the period April to June were not particularly noteworthy. July was windy although gusts were not especially high; on the 30th Stornoway Coastguard (Ross and Cromarty) recorded an hourly mean wind speed of 40 kt which is the highest value for July here since records began in 1937. August contained a very windy period from the 15th to 17th; winds were especially strong on the 16th and slight damage was reported in many areas, particularly around the coasts. On the same day Valley recorded the highest hourly mean wind speed (44 kt) and the equal-highest gust (61 kt) on Anglesey in August since 1912 when records were first analysed. Anglesey featured again the next month when Valley recorded an hourly mean wind of 52 kt - the highest on the island in September since at least 1912. On 18 October Cairngorm and Moor House (Westmorland) recorded gusts of

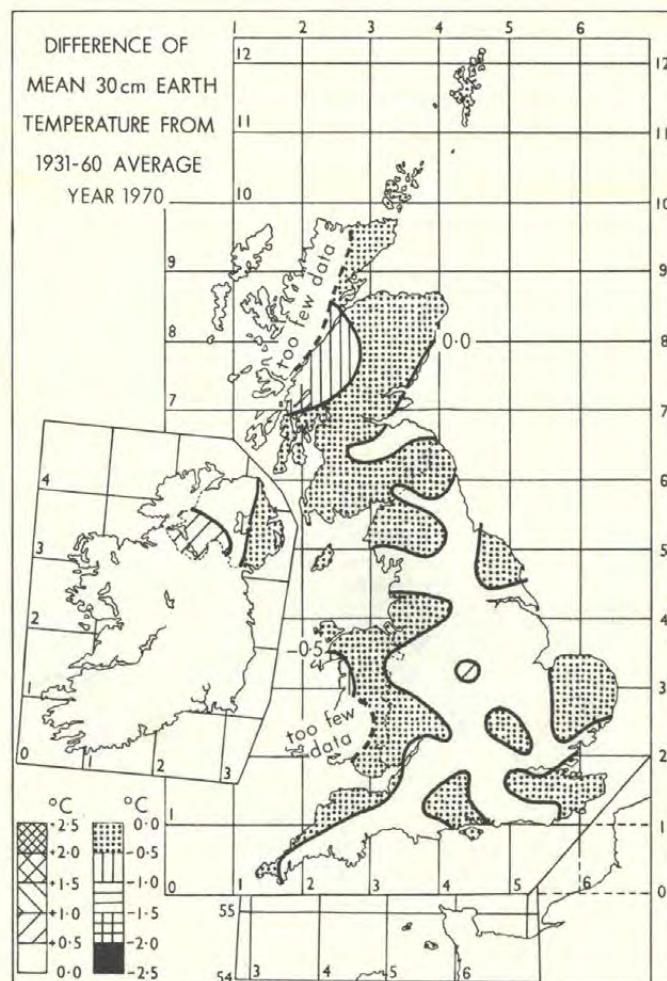
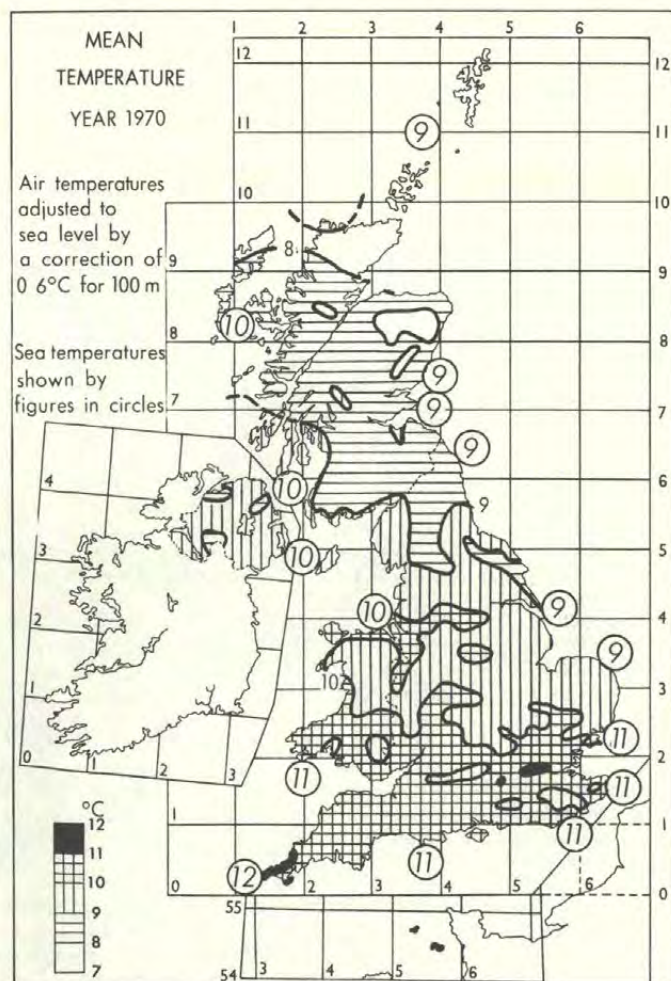
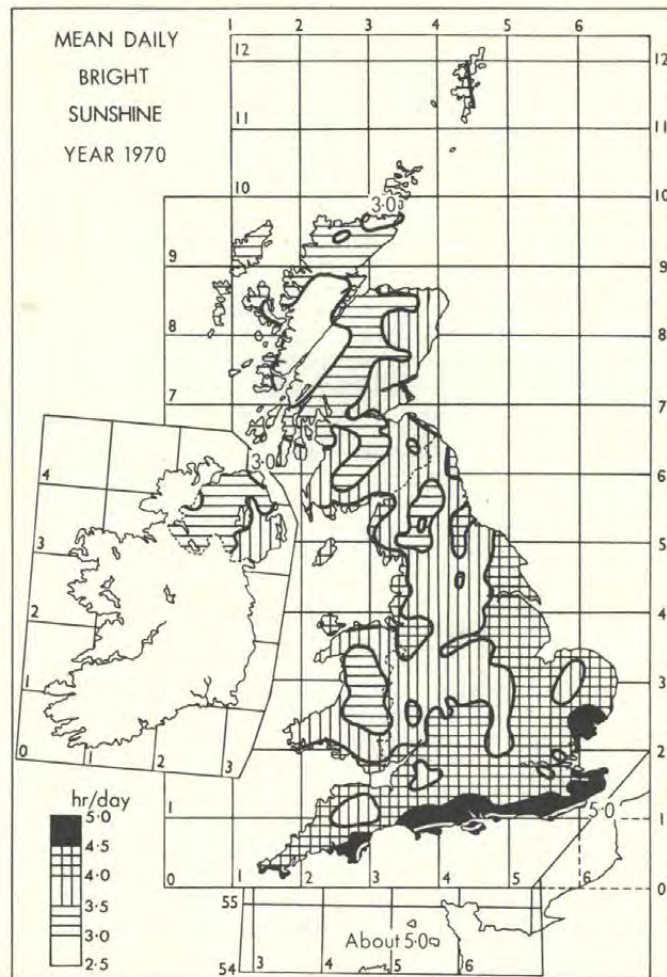
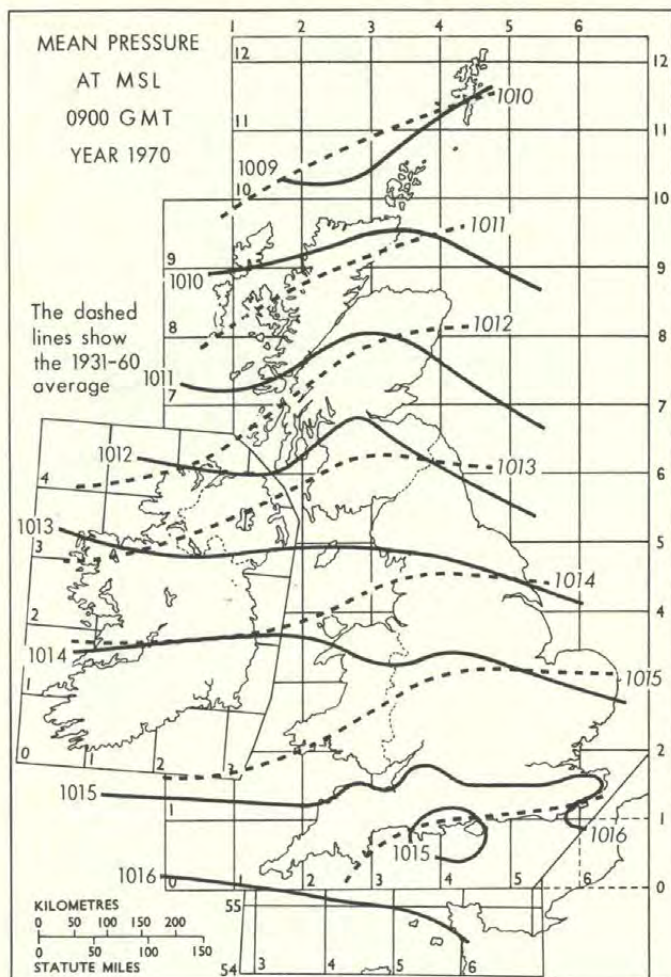
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RAINFALL

1970

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





100 kt and 83 kt respectively and Leuchars (Fife) had its highest hourly mean wind (39 kt) since continuous records began in 1951. On 1 November, and again on the 8th, Cairngorm had gusts in excess of 90 kt. There were severe gales on 3 November in northern England where a number of vehicles were blown over. The highest gust actually recorded on the 3rd was 102 kt at Great Dun Fell (Westmorland), height 857 metres, but a gust of 130 kt was observed on the dial of an anemometer at Snaefell (Isle of Man), 620 metres. In December gales were less frequent than average.

Temperature

Annual mean temperature in Scotland and in the Channel Islands was below average but departures from average were mostly 0.5 degC or less. Elsewhere in the United Kingdom mean temperature over the year as a whole was close to average. Months with mean temperature notably below average were February in Scotland, and March and April generally; mean temperature was above average everywhere in May and June.

January The first week was cold and frost, often severe, persisted all day in some areas. Overnight on the 6th/7th the temperature fell to -21.1 °C at Carnwath (Lanarkshire) and at West Linton (Peeblesshire) with Newton Rigg (Cumberland) having its coldest January night (-16.7°C) since 1940. After the 9th many places were very mild at times although it was colder than average around mid-month in the north and during the last few days in most areas.

February Monthly mean temperature ranged from about 3 degC below average in parts of north Scotland to near average in southern England. It was particularly cold from the 10th to 17th when frost was widespread nightly; frost was severe in the northern half of the country where it persisted all day in some upland areas. Milder weather occurred during the first few days and around the 21st, especially in the south.

March Monthly mean temperature was 3 degC below average in a few places in the north and east but in most areas the deficit was about 2 degC. It was cold for much of the first fortnight and, after a milder interlude, cold again from the 26th. During the first cold spell frost, severe at times, often occurred with daytime temperatures barely rising above freezing point on several occasions.

April It was colder than average during the first fortnight and, after a period when temperatures fluctuated above and below average, cold weather returned on the 26th and persisted almost to the end of the month. Night frost, which was moderate at times, occurred widely at first and it was reported locally in the north near the end of the month. Monthly mean temperature was nearly 3 degC below average in some northern areas.

May Although near the east coast of England and in Cornwall monthly mean temperature was only just above average, in most other areas the excess was 1-2 degC. Many inland areas were often warmer than average during the month and, on the 5th, temperatures which exceeded 24°C in a number of places in England reached 26.1°C at Oxford and Wisley (Surrey). Persistent on-shore winds around the eastern coasts of Britain from the 7th to 17th kept daytime temperatures below average and slight ground frost occurred at times during the last 10 days, especially in southern England.

June Monthly mean temperature in most areas was 1-2 degC above average. It was the warmest June around Manchester and Southampton since records became available in 1877 and 1901 respectively and a number of places had their warmest June since 1960. Although the month as a whole was warm, ground frost occurred in Kent around mid-month and in Northern Ireland on the 30th.

July The month as a whole was cooler than average despite a warm spell around the 7th when some areas in England had their warmest July day for 21 years. Ground frost occurred in a few places at times during the last 10 days and Kew Observatory recorded its lowest-ever grass minimum temperature (since such records began in 1906) in July (-2.2°C) on the 22nd.

August It was very warm during the first 10 days of the month and warm again during the last 10 days although eastern areas were cooler during both these periods. A very cool spell occurred during the third week and mean temperature over the month as a whole was within 1 degC of average in all districts.

September Monthly mean temperature in most places was near average. A warm spell occurred in central and south-east England from the 4th to 8th and everywhere had above average temperatures at times during the period 19th to 28th. The period 9th to 15th was cooler than average and air frost occurred in parts of Scotland early on the 15th.

October Over the whole month mean temperature was near average although cold and mild spells alternated. At Caldecott (Leicestershire) the overnight minimum air temperature on the 9th/10th of -5.6°C (the lowest

there in October since records began in 1957) was followed by a 20-degree rise in temperature to 14.4°C during the next day. On the 11th and 14th temperatures of 24.1°C and 21.7°C respectively occurred at East Dereham (Norfolk) and Kinlochewe (Ross and Cromarty).

November The month began and ended milder than average with a cold period in between. Mean temperature over the month varied from about 1 degC below average in the north to 1 degC above average in the south. Although overnight air frost was widespread in Scotland in the third week, the temperature at Chivenor (Devon) on the 25th reached 17.0°C – the warmest November day there since continuous records began in 1949.

December During the month two cold spells were balanced by two mild spells and, in general, monthly mean temperature was near average in most areas. Temperatures were mainly above average during the first week and around the 18th but it was colder than average from the 8th to 16th and, notably, after the 20th.

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

(1)

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
	degrees Celsius												
a	+0.1	-0.7	-2.1	-1.7	+1.3	+1.6	-0.8	0.0	+0.6	+0.5	+0.9	-0.5	-0.1
b	-0.1	-1.8	-1.5	-1.6	+0.7	+1.5	-1.5	+0.3	+0.1	+0.1	-0.4	-0.1	-0.4
c	-0.1	-1.6	-1.5	-1.3	+1.4	+1.9	-1.2	+0.2	+0.2	+0.6	0.0	-0.1	-0.1

(2)

		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
		degrees Celsius											
a	Max.	13.9	14.4	16.1	18.3	26.1	31.7	32.2	28.9	26.7	24.1	17.3	14.4
	Min.	-16.7	-15.0	-14.4	-11.1	-1.7	0.0	1.7	0.0	-1.1	-5.7	-6.1	-9.0
b	Max.	13.3	11.7	15.6	17.2	23.8	30.6	27.2	27.2	23.9	21.7	15.4	13.9
	Min.	-21.1	-17.8	-12.8	-8.9	-3.3	-0.6	0.6	1.1	-2.2	-6.1	-8.3	-9.4
c	Max.	12.8	13.3	14.0	16.7	21.7	27.5	23.9	26.1	22.8	18.5	15.3	14.1
	Min.	-11.6	-11.5	-7.5	-5.8	1.4	1.7	1.1	2.2	0.3	-1.7	-4.2	-4.5

Rainfall

Annual rainfall was very close to average everywhere. Over England and Wales as a whole rainfall for the year was almost the same as in 1969; although the excess over average was very small, this was the sixth year in succession with above average rainfall. Rainfall over Scotland and Northern Ireland was also above average and, generally speaking, it was the wettest year since 1967 in these parts of the United Kingdom. Over England and Wales generally, January to April was the wettest such period since 1951 and was followed by the driest May and June combined since 1940. Another feature of the year was the dry spells in the south and east: parts of southern England and South Wales had no measurable rainfall from mid-May to mid-June and much of East Anglia was dry from 29 May to 22 June; East Anglia was again virtually rainless from 16 September to 23 October, apart from outbreaks of light rain or showers which occurred from 28 September to 6 October. The year ended with a very wet November, particularly in southern England, followed by a December during which amounts of rain were mostly small, notably in Northern Ireland. The highest and lowest annual rainfall totals to hand at the time of writing were: about 4971 mm at a point on the slopes of Snowdon and 468 mm at Burnham (Essex).

January In Scotland rainfall (including melted snow) varied from less than 20 per cent of average along the Caledonian Canal to over three times the average at Bridge of Dye (Kincardineshire); Montrose (Angus) recorded its highest January rainfall since 1869. It was the wettest January at Plymouth Hoe since records commenced in 1893 and over England and Wales generally since 1961. Most of the precipitation during the first week was in the form of snow but after the 9th it occurred as rain which was sometimes heavy, especially in the west. On the 15th a 'daily' rainfall (that is during the 24 hours commencing 0900 GMT) of nearly 83 mm occurred at Ystradfellte (Brecknockshire).

February Some areas in the northern half of Britain had over twice the average rainfall. It was the wettest February at Moneydig (Co. Londonderry) and Strathy (Sutherland) since 1923 and 1938 respectively. On the other hand, rainfall was below average in some eastern and southern areas. Heavy rain and showers fell in the north from the 1st to 3rd. During

this period, flooding occurred in Northern Ireland and heavy 'daily' falls of rain included over 97 mm at Cassley (Sutherland) on the 2nd. Rain affected many districts from the 19th to 22nd; heavy falls occurred in the west and swollen rivers caused flooding in widely separated areas.

March Most parts of the country had above average rainfall and more than twice the average occurred in parts of North Wales and north Scotland. On the other hand, less than half the average rainfall was recorded in parts of south-west England and over wide areas in central Scotland, while under 25 per cent of average fell around St Andrews (Fife). Both Crieff (Perthshire) and Loch Leven (Fife) had their driest March since 1944. The heaviest rain during the month fell in north Scotland on the 16th and 17th where 'daily' falls on the 16th exceeded 70 mm in a number of places including over 78 mm at Achnashellach (Ross and Cromarty).

April Rainfall exceeded twice the monthly average over much of Lancashire and North Wales, and also in parts of the Isle of Man, the north Midlands and Lincolnshire; it was the wettest April at Stonyhurst since records began in 1848. At the other extreme, barely 50 per cent of average rainfall occurred in south Devon and in parts of Angus, Fife and Perthshire. There were a number of widespread heavy rainstorms from the 12th to 25th. Notable heavy 'daily' falls during this period included over 103 mm at Minafon (Merioneth) on the 15th and nearly 182 mm at Seathwaite Farm on the 22nd during a very wet spell in north-west England – almost certainly the heaviest recorded 'daily' rainfall in April in the country.

May A small area in Ross and Cromarty recorded over twice the average rainfall but it was drier than average in most places. Less than half the average rainfall occurred over large parts of England, south Scotland, Northern Ireland and west Wales and rainfall was under 10 per cent of average in places in Lancashire and Lincolnshire. It was the driest May at Strinesdale (West Riding of Yorkshire) since records began in 1859 and Stonyhurst, Seaford (Co. Down), Bidston (Cheshire) and Foffany Reservoir (Co. Down) recorded their lowest May rainfall since 1895, 1896, 1905 and 1906 respectively. Much of the rainfall during the month occurred in thundery outbreaks. A number of intense local falls were recorded including, for example, 41 mm of rain in 2 hours at Heythrop College, near Chipping Norton (Oxfordshire).

June Rainfall was below average over a wide region of the country but the average was substantially exceeded in relatively small areas because of heavy rain in thunderstorms. Although many parts of the country were dry during the first 3 weeks or so, violent thunderstorms in other places resulted in flooding and the local monthly rainfall average was recorded in a very short interval of time. A number of the intense rainfalls recorded are classified as 'very rare'; such falls of rain have a statistical frequency of occurrence at a particular place of once in about 160 years, or even less frequently. Notable among the falls in this category during June were the following: nearly 93 mm in 117 minutes at Lossiemouth (Moray) on the 7th; 45 mm in 20 minutes at Pershore (Worcestershire) on the 11th; 100 mm in 140 minutes (including 51 mm in 12 minutes) at Wisbech on the 27th.

July More than twice the monthly rainfall average occurred in a few areas in west Scotland but, on the other hand, less than 60 per cent of average was recorded in parts of East Anglia and the east Midlands. During the 5th/6th in Scotland, many 'daily' falls exceeding 50 mm occurred and nearly 123 mm of rain fell at Ardgour (Argyll) in the 24 hours ending 0900 GMT on the 6th. Other notable rainfalls occurred during the period 22nd to 25th. Widespread rain fell in Wales and western England on the 22nd/23rd and rain or thundery showers occurred in most areas on the 24th and continued in east Scotland on the next day. 'Daily' falls on the 24th included 115 mm at Netherley (Kincardineshire).

August Whereas over twice the average rainfall occurred north of the Cairngorms and in the west Midlands, less than half the average fell in parts of south Scotland and East Anglia. Severe thunderstorms produced some intense falls of rain in southern areas during the first week or so and, on the 7th, a 'very rare' rainfall (about 65 mm in 81 minutes) occurred at Harwell (Berkshire). A feature of the month was heavy and widespread rainstorms from the 15th to 21st which led to flooding in many areas, especially in east Scotland. Notable 'daily' falls during this period included: 118 mm at Kilroot and almost 111 mm at Lough Mourne (both in Co. Antrim) on the 15th and about 98 mm at Lochindorb Lodge (Moray) and Timberscombe (Somerset) on the 16th and 19th respectively. Most of the last week of the month was dry but further heavy rain fell on the 31st in northern districts.

September Monthly rainfall was below average in east Scotland and over most of England and Wales; Chopwellwood (Co. Durham) had its driest September since 1941. In contrast to these areas, more than 150 per cent of average rainfall occurred in a few small areas in the south and west. Although it was mainly dry in central and southern England from the 3rd to 6th, the first half of the month was generally changeable. During

the period 7th to 16th rain or showers led to local flooding. On the 9th nearly 69 mm of rain fell at Braithwaite (Cumberland) and Loch Sloy (Dumbartonshire); on the 12th a 'daily' fall of almost 81 mm occurred at Oare (Wiltshire). A dry spell began on the 16th in many areas in south and east England where some places had no measureable rain until the 29th.

October Broadly speaking rainfall was above average in the north and west but below average elsewhere. Percentages of average rainfall varied from over 250 per cent at Loch Shin (Sutherland) to 12 per cent at South Farnborough (Hampshire); less than half the average rainfall occurred over large areas of England. In north Scotland rain fell on most days and Achnashellach had its wettest October since records began in 1922. Rainfall was sometimes heavy in the north and west of the country. Heavy 'daily' falls of rain included: 135 mm at Dalness (Argyll) on the 4th, 93 mm at Cassley on the 18th and 91 mm at Seathwaite Farm on the 24th. However, in many other areas rainfall was small or nil during the period 6th to 23rd, especially in the south and east.

November It was the wettest November at a number of places in southern England since 1940 and over England and Wales generally since 1951. More than 275 per cent of average rainfall occurred in a few places, notably in the south of Hampshire; Ryde (Isle of Wight) had its highest rainfall (234 mm) for any month since records began in 1910. In north Scotland, Wick (Caithness) had its wettest November since 1910 and a few localities in east Scotland had their wettest November for about 40 years. Rainfall was frequent during the month; it was often persistent and occasionally heavy. Among the heaviest 'daily' rainfalls were 89 mm at Bratton Fleming (Devon) on the 1st, 106 mm at Brotherswater (Westmorland) on the 23rd and 98 mm at Honister (Cumberland) also on the 23rd.

December After a changeable first week the period 7th to 14th was virtually dry in most areas and subsequent amounts of rainfall (including melted snow) were small. This resulted in a drier-than-average month nearly everywhere; less than half the average rainfall occurred over much of the western half of the country and in parts of north-east Scotland. It was the driest December at Craibstone (Aberdeenshire) since records began in 1925, at Ross-on-Wye (Herefordshire) since 1933, at a number of places in southern England since 1953, and over England and Wales, and Northern Ireland generally since 1963.

The following table gives revised monthly and annual general rainfall amounts expressed as percentages of the 1916-50 average for (a) England and Wales, (b) Scotland and (c) Northern Ireland.

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
	<i>per cent</i>												
a	116	125	113	142	42	83	89	99	86	61	183	62	101
b	75	131	101	106	85	89	127	98	114	116	134	65	103
c	100	165	128	127	49	78	98	107	127	105	129	36	103

Thunder

Violent thunderstorms occurred in June and produced some intense local rainfalls in areas as far apart as north Scotland and southern England. In addition to the heavy rain in June large hailstones (some 20-25 mm in diameter) fell in parts of England; on the 27th damaging falls of hail occurred at Fleckney, near Leicester, and at Whittlesey, near Peterborough. Large hailstones were also reported at Hawkrig (Somerset) as late as 6 December. Lightning was responsible for a number of deaths in the country during the year, especially in June when 4 persons were killed and others injured. In addition to numerous reports of lightning damage in the summer, lightning caused damage to property also in November.

Snow

January was relatively snow-free except in some northern areas but February and March were snowy, and wintry weather extended into the first week or so of April. One or two occurrences of sleet or snow were reported during the summer in the Cairngorms; lying snow there had largely disappeared by the middle of June (except for patches) but it returned during the last 10 days of October. There were no noteworthy snowfalls during November but in December the frequency of snowfall was much above average due mainly to a snowy period which commenced around the 23rd and persisted until the end of the year.

January During the first week heavy snow occurred at times in the north and on the 8th most areas of the country had a brief snowfall which, however, soon melted. Snow fell in Scotland and northern England around the 17th and drifting occurred in the mountains. A little snow was reported in some northern and western areas during the last few days.

February Snow occurred on about twice the average number of days for February. Snow showers were frequent in the north where snow became very deep on high ground. Snowfall was general in southern districts on the 12th; electric power cables were brought down in South Wales, roads were blocked and deep drifts built up on the moors in south-west England. On the 17th most areas had a period of snow which caused the temporary closure of some airports in the north.

March Snow fell on two or three times the average number of days for March. Wintry showers or periods of snow affected most areas during the first 2 weeks and again on the last 5 days. The most extensive and heaviest snowfall was on the 3rd/4th when blizzards occurred in Northern Ireland, Wales and much of England, particularly the south-east. Heavy snow fell on high ground and about 10-15 cm settled at lower altitudes. Disruption to communications and electric power supplies was widespread, especially in south-east England where, in Kent, power was not restored in some rural areas for several days. Other particularly snowy periods included the 8th and 9th in the south and west and the 26th and 27th in the north.

April Snow was much more frequent than usual for April but amounts were mostly small and snow did not lie on low ground to any extent. The high frequency of snow was due almost entirely to a period of 10 wintry days with which the month commenced.

May On the 21st snow showers occurred on mountain peaks in north Scotland but by the end of the month only patches of lying snow remained.

June A brief fresh snow cover was observed on the 1st in the Cairngorms above 900 metres and patches of snow remained visible at 1200 metres until the 10th.

July Sleet fell on the peaks in the Cairngorms around the 19th.

August Small patches of lying snow were observed on the 31st in a number of east-facing corries in the Cairngorms above about 1000 metres.

September Sleet occurred in the Cairngorms on the 1st above about 1100 metres and again around the 13th when snow settled for a short time at altitudes above 900 metres in some places.

October Snow or sleet occurred on high ground in the north during the first week and also at times in the latter half of the month; sleet fell on Dartmoor on the 20th. Snow covered the Scottish Highlands above about 750 metres for most of the last 10 days.

November The frequency of snow was about average and there were no noteworthy occurrences. Most of the snow fell in the mountains in the north but around the 16th sleet occurred in East Anglia and on Dartmoor. Snow covered the highest parts of the Scottish Highlands for much of the month.

December Snow occurred much more frequently than average in the southern half of the country due to a snowy period from about the 23rd until the end of the month. During the last 8 days snow showers or periods of snow occurred in many areas but the main snowfall was in England and Wales, particularly in the southern counties of England where strong winds at times led to snowdrifts on the higher ground.

Sunshine

In general, sunshine over the year as a whole was close to average but there were some notable fluctuations between individual months. A feature of the year was the contrast between the dull January and the exceedingly sunny February. Other outstanding months were May and July for their dullness in the north, June for its abundant sunshine in many areas during the first 3 weeks and December for the winter sunshine in north-west England and south-west Scotland.

January Sunshine amounts were below average in most areas and after the first week the month was very dull. Some places in the Midlands had 15 consecutive days without sun from the 7th to 21st, and it was the duller January at Cranwell (Lincolnshire) since records began in 1921.

February It was a very sunny month nearly everywhere and some areas had twice the average amount of sunshine. It was the sunniest February on record at many places, notably Kew Observatory (1881), Oxford (1881) and Paisley (1885).

March Sunshine was substantially above average in parts of central Scotland and exceeded 150 per cent of average around Glasgow. Paisley and Dundee had their sunniest March since 1907 and 1933 respectively. Elsewhere sunshine was near or somewhat below average.

April It was generally a dull month. However, a few places in the west and north of England and Wales and also parts of north and east Scotland recorded above average sunshine.

May Most areas were duller than average, especially in northern districts; around Glasgow it was the duller May since 1925. The first week and last fortnight were mainly sunny in the south and it was a slightly sunnier month than average in some inland areas in England.

June Abundant sunshine in many areas during the first 20 days led to a sunnier-than-average month almost everywhere. Stornoway (Hebrides) and London Weather Centre had their highest June sunshine totals since records began in 1880 and 1929 respectively.

July Most places had rather less sunshine than average and parts of Scotland and Northern Ireland were very dull. It was the duller July at Kilmarnock (Ayrshire) since records began in 1907.

August Monthly sunshine amounts were near average in most districts but parts of south Scotland were sunnier than average. On the other hand, Lerwick (Shetland) recorded its duller August since 1942.

September Amounts of sunshine were well below average in Northern Ireland and most of Scotland. It was dull also in many western areas of England and Wales but elsewhere sunshine amounts were near average.

October Sunshine was below average in the north and in many western areas; Stornoway had its duller October since 1933. Elsewhere a number of places had above average sunshine and, although in general excesses were mostly small, Durham recorded its sunniest October since 1958.

November Most areas were slightly sunnier than average but London Weather Centre recorded 159 per cent of average sunshine.

December Except in parts of north Scotland, eastern England and the West Country, the month was sunny and outstandingly so in some areas. Sunshine at Dumfries equalled its highest value for the month (in December 1965) since records commenced in 1909.

The following table gives monthly and annual general values of sunshine expressed as a percentage of the 1931-60 average for (a) England and Wales, (b) Scotland and (c) Northern Ireland.

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
	<i>per cent</i>												
a	69	150	100	85	101	124	93	102	101	104	104	119	103
b	70	144	118	107	67	130	73	95	79	88	108	115	97
c	67	135	107	94	64	117	74	109	80	72	115	130	94

The 10 stations with the highest annual sunshine totals were:

Station	Hours	Station	Hours
Shanklin	1950.7	Ventnor	1879.9
Eastbourne *	1917.7	Worthing*	1865.0
Swanage	1903.9	Guernsey (L'ancresse)	1855.9
Bognor Regis	1897.9	Weymouth	1849.1
Jersey (St Helier)	1887.4	Bournemouth	1848.1

*Includes an estimate for one missing day.

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

Northern Ireland		Scotland		Wales	
Station	Hours	Station	Hours	Station	Hours
Kilkeel	1431.3	Dunbar	1537.6	Rhyl	1574.9
Cross Island	1415.8	Lauder	1528.2	Newport	1539.2
Murlough	1412.3	Arbroath	1521.8	Rhoose	1521.6

The stations with the highest sunshine totals in each month were:

Month	Station	Hours
January	Scilly	73.5
February	Kirkcaldy	141.9
March	Carnoustie	162.4
April	John O'Groats	198.8
May	Guernsey (L'ancrese)	270.8
June	Eastbourne	309.5
July	Weymouth	259.4
August	Dover	234.4
September	Swanage	198.3
October	Folkestone	142.0
November	Scilly	81.2
December	Weymouth	80.5

Fog

Foggy periods inland were not usually prolonged; they affected mostly industrial areas and the fog usually cleared by day except in isolated areas. Exceptions to this occurred notably in January, September, November and December and caused disruption to air traffic at times. Sea fog was often persistent around the coasts during late spring and in the summer; longest spells of coastal fog occurred during June on the east coast of Britain and in July on the south and west coasts of England and Wales.

January During the first week persistent freezing fog occurred at times in some northern industrial areas. Hill and coastal fog affected many areas during the last 3 weeks.

February The windy character of the month meant that fog was neither frequent nor widespread.

March Freezing fog occurred occasionally during the cold first fortnight and hill fog was extensive in the south-west on the 20th.

April Morning fog, freezing in places, occurred at times during the second week and hill and coast fog was extensive in the south and west at times during the third week.

May From the 10th to 18th fog was persistent on most of the east coast of Britain and low cloud occasionally spread inland and covered hills.

June Fog was persistent near the North Sea coast from the 1st to 20th and hill fog occurred in western areas at times during the last week.

July Sea fog affected much of the south and west coasts of England and Wales during the first week, around the 18th and again towards the end of the month.

August Fog affected eastern coasts during the first week and also occurred in most inland areas at times during the last week.

September During a mild spell from the 18th to 28th overnight fog often occurred widely in England and Wales and, less frequently, in Scotland.

October Overnight fog in England and Wales was occasionally widespread and dense during the second and third weeks. Sea fog persisted at times on eastern coasts from the 11th to 16th.

November The last 5 days of the month were foggy in many areas. On the 26th fog was especially dense and persistent and air traffic was disrupted.

December The second week was foggy, especially in the Midlands and southern England. In these areas overnight fog occasionally persisted all day disrupting air traffic, particularly in the south.

Miscellaneous Phenomena

Two avalanches, one in January on Ben Nevis and one in February in Glen Coe, resulted in the deaths of 4 persons. In June 3 waterspouts were sighted simultaneously in the Wash. Waterspouts were also seen in August in the Thames estuary and in September in Cardigan Bay. Whirlwinds occurred near Duns (Berwickshire) in July, and near Gosport (Hampshire) and Littlestone-on-Sea (Kent) in December. The aurora was seen by observers in Scotland on 73 nights in the year and was observed on 8 March from as far south as Exeter.

TABLE 1 - DISTRICT VALUES FOR THE YEAR 1970

DISTRICTS	AIR TEMPERATURE °C					EARTH TEMP. °C		RAIN DAYS	RAIN-FALL	SUN-SHINE
	*Highest Max.	*Lowest Min.	Max.	Min.	Mean	Mean 30 cm.	Mean 122 cm.			
	Difference from Average									
0 SCOTLAND, N.	26.7	-9.6	-0.4	-0.7	-0.5	-0.3	-0.2	+6	111	95
1 SCOTLAND, E.	26.7	-10.6	-0.5	-0.1	-0.3	-0.2	-0.3	+18	102	96
2 ENGLAND, N.E.	30.0	-12.2	-0.2	-0.2	-0.2	+0.1	+0.3	+10	94	109
3 ENGLAND, E.	30.6	-10.0	-0.2	-0.1	-0.1	0.0	0.0	+15	104	101
4 MIDLANDS	31.7	-12.8	-0.1	+0.1	0.0	+0.2	+0.1	+4	100	105
5 ENGLAND, S.E.	31.1	-9.4	-0.1	+0.1	0.0	-0.2	-0.2	+11	104	101
6 SCOTLAND, W.	28.3	-17.4	-0.4	-0.2	-0.3	-0.1	-0.2	+2	95	101
7 ENGLAND, N.W. and N.Wales	29.6	-16.7	-0.1	+0.1	+0.1	-0.2	0.0	+10	102	106
8 ENGLAND, S.W. and S.Wales	30.6	-11.1	-0.2	0.0	-0.1	0.0	+0.1	+11	101	97
N IRELAND	27.2	-8.4	-0.2	-0.1	-0.1	-	-	+10	103	94
SCOTLAND	28.3	-17.4	-0.5	-0.3	-0.4	-	-	+9	103	97
ENG. and WALES	31.7	-16.7	-0.1	0.0	-0.1	-	-	+10	101	103

*Highest Max. and Lowest Min. of the District Value Stations.

TABLE III — SUMMARY OF DAILY OBSERVATIONS YEAR 1970

DISTRICT, COUNTY AND PLACE	Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS						MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days												BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
				MEANS OF		Daily Mean (mean of A & B)	Difference from 1931—60 average	HIGHEST MAX AND LOWEST MIN				Total fall (mm.)	Percentage of 1916—50 average	MOST IN A DAY		Precip'n 0.2 mm or more 1.0 mm or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931—60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
				Max. (A)	Min. (B)			Maximum	Minimum	Amount (mm)	Date																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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TABLE III (continued)

DISTRICT, COUNTY AND PLACE	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS						MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days										BRIGHT SUNSHINE		
			MEANS OF		Daily Mean (mean of A & B)	Difference from 1931-50 average	HIGHEST MAX AND LOWEST MIN		30 cm.	122 cm.	Total fall (mm.)	Percentage of 1931-50 average	MOST IN A DAY		Precip'n 0.2 mm or more 1.0 mm or more Snow or Sleet Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost below 0°C	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-50 average	Exposure	
			Max. (A)	Min. (B)			Maximum	Minimum					Amount (mm.)	Date													
0 SCOTLAND, N. -contd.																											
Inverness																											
Benbecula ...	21-9	6	10.9	6.0	8.5	-0.5	24.5	-6.4	-	1203	106	44	12 Aug	282	218	41	17	16	37	2	1	46	85	74	20	3.43	-
Isle of Rhum €	99	5	11.7	5.7	8.7	-	26.1	-6.7	9.7	2419	96	62	28 Oct	258	234	33	26	19	28	5	1	48	115	-	49	-	
Prabost ...	99	67	10.7	5.1	7.9	-	25.0	-6.1	-	1768	97	46	28 Oct	294	241	40	34	6	52	4	2	52	138	-	43	3.01	
Duntulm ...	99	90	10.5	5.6	8.1	-0.5	22.8	-2.8	-	1316	97	22	12 Aug	284	230	37	12	37	0	4	1	29	78	-	24	2.91	
Onich ...	99	15	11.8	4.8	8.3	-0.4	26.7	-9.4	-	1969	95	54	2 Nov	253	204	-	10	-	-	-	2	60	117	-	-	2.74	
Fort William €	99	8	11.9	-	-	-	27.2	-	8.6	1779	101	53	5 July	263	199	32	13	2	8	8	29	-	107	-	-	2.55	
Corpach ...	99	8	12.1	5.1	8.6	-	28.3	-11.1	-	1988	-	52	5 July	217	202	19	14	1	0	5	7	61	132	-	7	-	
Fort Augustus ...	99	21	11.2	4.6	7.9	-0.4	27.2	-10.0	-	1226	-	29	18 Oct	243	190	27	29	0	1	7	13	83	-	4	2.55		
Inverness ...	99	4	11.3	4.9	8.1	-	27.2	-7.2	-	778	118	72	6 June	188	148	20	15	0	0	3	15	64	107	-	1	3.17	
Coire Cas Shieling	99	762	6.8	1.6	4.2	-	21.7	-10.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Achnagoichan ...	99	305	10.1	2.7	6.4	-	26.1	-15.0	-	957	107	(38)	20 Aug	210	178	-	-	-	-	-	-	-	-	-	-	-	
Glenmore Lodge	99	341	10.2	2.1	6.1	-0.4	26.0	-13.9	-	1083	107	47	6 June, 16 Aug	227	181	94	81	2	0	3	5	121	194	144	3	3.06	
1 SCOTLAND, E.																											
Nairn																											
Nairn ...	99	6	11.2	4.1	7.7	-0.8	26.7	-8.3	-	699	110	35	6 June	221	146	25	18	8	9	5	9	70	127	-	2	3.31	
Moray																											
Grantown-on-Spey	99	229	10.5	2.5	6.5	-	26.7	-16.1	-	964	-	73	16 Aug	233	168	78	74	6	5	7	3	113	196	-	1	-	
Forres ...	99	50	11.4	4.8	8.1	-0.4	26.7	-9.4	8.5	798	128	42	16 Aug	227	159	42	31	3	4	9	4	59	105	-	2	3.34	
Kinloss ...	21-9	5	11.4	5.0	8.2	-0.2	27.0	-8.8	8.2	690	112	32	16 Aug	220	139	56	25	2	34	6	3	71	119	95	14	3.38	
Elgin ...	99	15	11.6	4.7	8.1	-	26.7	-9.4	-	840	127	38	16 Aug	214	171	-	29	-	-	5	59	91	-	-	-	3.57	
Lossiemouth ...	99	6	11.4	4.3	7.9	-0.4	26.1	-11.1	-	807	128	106	7 June	224	145	53	13	7	20	7	2	67	149	118	14	-	
Gordon Castle ...	99	32	11.6	4.8	8.2	-0.4	27.2	-11.1	-	799	106	42	16 Aug	218	155	31	31	26	0	1	-	54	-	-	1	3.43	
Banff																											
Banff ...	99	24	11.2	5.5	8.3	-	25.6	-7.2	-	778	-	27	16 Aug	221	163	23	15	13	3	0	4	33	-	-	23	3.61	
Aberdeen																											
Braemar ...	99	339	9.9	2.3	6.1	-0.4	24.4	-16.7	-	922	99	52	16 Aug	237	182	-	82	-	-	6	116	156	-	-	-	3.32	
Balmoral ...	99	283	10.0	2.3	6.1	-0.5	25.0	-13.9	-	911	108	49	16 Aug	233	162	61	77	0	0	4	-	119	156	-	1	-	
Dinnert ...	99	177	11.1	3.4	7.3	-	26.1	-11.1	7.6	802	-	52	24 July	230	145	-	54	-	-	0	100	-	-	-	-	3.89	
Gartly ...	99	160	10.5	3.4	6.9	-	26.1	-15.6	-	1018	-	57	16 Aug	259	186	-	-	-	-	-	84	139	-	-	-	-	
Inverurie S. Wks.	99	54	11.1	3.7	7.4	-	25.6	-13.9	-	883	-	52	24 July	223	164	57	46	2	2	4	8	88	136	-	2	3.61	
Fyvie Castle ...	99	66	11.1	3.5	7.3	-	26.1	-15.6	-	1059	120	(51)	24 July	237	192	60	55	13	0	2	-	96	146	-	13	3.51	
Craibstone ...	99	91	10.5	4.3	7.4	-0.4	23.9	-6.7	7.9	871	101	75	24 July	224	158	44	43	5	7	3	6	59	114	-	15	3.74	
Dyce ...	21-9	58	10.9	4.2	7.5	-0.4	24.6	-11.9	-	913	102	84	24 July	212	162	66	37	2	42	5	11	84	137	114	7	3.69	
Aberdeen ...	99	52	10.7	4.5	7.6	-0.5	23.3	-8.9	-	927	111	109	24 July	213	159	37	33	0	2	2	8	62	113	-	1	3.95	
Fraserburgh ...	21-9	18	10.5	5.9	8.2	-	23.4	-3.0	-	839	-	27	24 July	227	174	47	13	15	10	2	13	29	-	61	39	3.71	
Kincaidline																											
Fettercairn ...	99	171	10.4	3.8	7.1	-0.2	23.3	-6.7	-	1051	106	(66)	24 July	238	161	66	34	3	0	7	42	79	157	-	16	3.45	
Strachan ...	99	120	10.9	3.0	6.9	-	25.6	-15.0	-	1081	-	56	24 July	205	161	42	52	5	6	3	20	103	-	8	3.80		
Banchory ...	99	77	11.6	4.1	7.9	-	26.7	-10.6	-	919	-	65	24 July	212	146	73	46	2	21	8	6	87	128	-	3	-	
Angus																											
Mylnefield €	99	30	11.5	4.9	8.2	-	24.4	-9.4	8.1	727	102	46	15 Aug	196	138	22	7	3	0	3	16	60	148	-	1	4.01	
Dundee ...	99	45	11.7	5.3	8.5	0.0	23.9	-7.2	8.7	771	98	49	8 Sept	188	136	26	9	7	10	6	19	46	138	-	5	3.82	
Glamis Castle ...	99	61	11.3	3.6	7.5	-	25.0	-8.9	-	810	94	36	8 Sept	209	139	34	19	1	0	9	13	100	-	-	8	-	
Carnoustie ...	99	9	11.5	4.9	8.2	-	23.3	-7.2	9.3	692	93	41	(24 July), 15 Aug	163	142	17	5	2	0	6	7	59	-	-	0	3.92	
Arbroath ...	99	28	11.2	5.1	8.1	-0.3	23.3	-6.7	-	584	88	44	24 July	179	121	19	8	0	2	2	15	45	117	-	2	4.17	
Usan ...	21-9	30	10.7	5.4	8.1	-	24.4	-4.9	-	641	-	69	24 July	168	109	30	3	6	10	8	16	54	80	71	14	3.93	
Montrose ...	99	57	11.0	4.7	7.9	-	23.3	-6.1	-	734	101	70	24 July	198	122	43	6	4	0	6	17	59	119	-	2	-	
Perth																											
Aberfoyle ...	99	27	12.4	3.7	8.1	-	27.2	-14.4	-	1509	-	30	15 Aug, 2, 23 Nov	210	183	20	-	1	0	4	-	90	127	-	2	-	
Dall ...	99	232	-	2.7	-	-	25.7	-14.0	-	1067	-	30	7 Sept	235	166	54	45	1	5	7	5	108	-	-	5	-	
Callander ...	99	107	11.5	3.7	7.6	-	26.7	-12.2	-																		

TABLE III (continued)

DISTRICT, COUNTY AND PLACE	Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS						MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days												BRIGHT SUNSHINE		
				MEANS OF		Daily Mean (mean of A & B)	Difference from 1931-50 average	HIGHEST MAX AND LOWEST MIN		30 cm.	122 cm.	Total fall (mm.)	Percentage of 1931-50 average	MOST IN A DAY		Precip'n	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost below 0°C	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-50 average	Exposure	
				Max. (A)	Min. (B)			Maximum	Minimum					Amount (mm.)	Date															
1 SCOTLAND, E. — contd.																														
Berwick — contd.																														
Marchmont ...	99	152	11.2	4.3	7.7	-0.4		26.1	-10.0	-	-	693	89	30	24 July	195	145	40	14	0	3	2	11	64	-	-	12	3.60	103	S
Whitchester ...	99	255	10.5	3.7	7.1	-		24.4	-8.9	-	-	817	95	34	20 Aug	226	158	64	56	14	0	11	-	83	-	-	11	-	-	-
St. Abb's Head	21-9	75	10.6	5.7	8.1	-		24.0	-0.4	-	-	-	-	-	-	-	34	5	11	0	0	26	29	65	-	37	-	-	-	
Peebles																														
Stanhope Farm	99	226	11.0	3.7	7.3	-		26.1	-13.9	-	-	1125	99	45	15 Aug	219	176	44	26	4	3	5	4	80	143	-	1	-	-	-
Blyth Bridge ...	99	253	10.5	3.5	7.0	-		26.1	-15.0	-	-	938	102	29	31 Oct	219	171	50	29	1	9	5	5	87	170	-	20	3.19	-	-
West Linton ...	99	244	10.6	3.1	6.9	-		26.1	-21.1	7.5	7.9	972	97	24	31 Oct	248	163	29	26	3	0	3	7	102	132	-	0	-	-	-
Glentress ...	99	165	11.9	3.6	7.7	-		27.8	-17.8	-	-	804	104	27	15 Aug	212	166	-	28	-	-	-	14	73	-	-	-	-	-	-
Selkirk																														
Bowhill ...	99	183	11.7	3.9	7.8	-		28.3	-12.8	-	-	771	89	29	15 Aug	215	143	52	25	8	6	12	8	80	-	-	11	-	-	-
Galashiels ...	99	198	10.9	4.2	7.5	-		27.2	-13.3	-	-	761	-	43	27 June	224	147	61	24	0	21	11	18	72	117	-	13	3.77	-	-
Roxburgh																														
Wauchope ...	99	171	11.6	3.3	7.5	-		27.8	-12.8	-	-	784	87	26	23 Nov	214	153	46	35	11	0	5	6	97	-	-	5	-	-	-
Kelso ...	99	34	12.3	4.3	8.3	-		27.8	-16.7	-	-	563	-	28	24 July	187	121	35	24	0	12	5	11	81	138	-	1	3.42	-	S
Sourhope ...	99	221	11.0	3.8	7.4	-0.1		27.8	-8.3	-	-	903	-	41	20 Aug	190	151	46	42	1	8	0	6	89	149	-	4	3.64	-	-
6a SCOTLAND, W.																														
Argyll																														
Tiree ¶	21-9	9	11.1	6.5	8.8	-0.5		23.1	-3.8	-	-	1127	101	36	8 July	248	193	32	3	4	68	3	3	30	71	67	37	3.48	88	-
Rhuvaal ...	21-9	20	11.4	7.2	9.3	-		23.9	-2.0	-	-	1384	94	36	7 Sept	243	194	22	4	28	0	1	0	7	40	35	20	-	-	-
Colonsay ...	99	30	11.5	6.2	8.9	-0.3		24.4	-4.4	-	-	1303	97	41	8 July	256	215	19	-	5	0	2	30	24	-	-	4	-	-	-
Aros ...	99	37	11.9	4.6	8.3	-		26.7	-8.9	-	-	1963	-	43	5 July	255	218	26	7	12	2	2	3	73	124	-	3	-	-	-
Craighouse ...	99	3	-	-	-	-		-	-	-	-	1722	-	(36)	23 Nov	242	214	-	-	-	-	-	-	-	-	-	-	-	-	-
Machrihanish ...	21-9	10	11.8	6.4	9.1	-		24.1	-8.0	-	-	1078	-	39	15 Aug	231	178	29	6	5	32	5	4	42	76	66	19	3.61	-	-
Campbeltown ...	99	12	-	-	-	-		-	-	-	-	1168	-	(41)	15 Aug	219	184	-	-	-	-	-	-	-	-	-	-	-	4.02	-
Achaglachgach ...	99	12	-	-	-	-		-	-	-	-	1675	108	37	8 July	233	203	-	-	-	-	-	-	-	-	-	-	-	-	-
Knapdale Forest ...	99	40	11.6	5.0	8.3	-		26.1	-7.8	-	-	1735	-	38	7 Sept	252	206	18	7	6	3	6	1	68	-	-	5	-	-	-
Glenbranter ...	99	24	11.3	4.7	8.0	-		26.7	-12.2	-	-	2335	-	64	5 July	242	208	-	10	-	-	-	2	74	120	-	-	-	-	-
Glen Etive ...	99	24	12.0	4.9	8.5	-		27.2	-11.7	-	-	2736	-	75	5 July	260	218	36	14	6	4	12	-	69	115	-	5	-	-	-
Benmore Y.B.G. *	99	12	11.7	5.2	8.5	-		27.2	-11.1	-	-	2396	100	46	1 Oct	246	211	28	12	8	10	6	8	62	149	-	3	-	-	-
Bute																														
Kildonan ...	21-9	18	11.5	6.6	9.1	-		25.0	(-2.8)	-	-	1266	-	60	15 Aug	238	178	20	-	8	2	3	2	23	-	47	67	4.01	-	-
Brodick Castle ...	99	15	12.7	5.7	9.3	-		26.7	-5.6	10.2	-	1917	-	43	23 Feb	225	197	16	10	13	0	7	2	35	100	-	11	-	-	-
Rothsay ¶	99	43	11.6	6.1	8.9	-0.1		27.2	-3.9	8.5	8.6	1419	99	38	25 Sept	231	191	30	7	1	6	5	2	32	86	-	1	3.42	96	-
Dunbarton																														
Finnart ...	99	15	-	-	-	-		-	-	-	-	1963	-	44	23 Nov	221	194	-	-	-	-	-	-	-	-	-	-	-	-	-
Sloy ...	21-9	12	11.6	5.8	8.7	-		25.0	-8.7	-	-	2687	-	54	5 July	234	205	40	-	8	1	7	2	52	-	-	5	-	-	-
Cumbernauld ...	99	94	11.3	4.2	7.7	-		26.1	-11.7	-	-	1173	-	35	15 Aug	226	173	26	23	1	0	5	12	80	166	-	1	-	-	-
Stirling																														
Earl's Hill ...	21-9	335	9.0	3.6	6.3	-		23.5	-7.1	-	-	1307	-	47	15 Aug	212	172	65	-	1	16	4	55	105	146	134	79	3.51	-	-
Stirling Batterflats ...	99	38	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.56	-	-
Falkirk S. Wks. ...	99	3	12.1	5.1	8.6	-		24.4	-10.0	-	-	835	-	31	15 Aug	191	152	16	8	0	4	2	6	69	-	-	1	3.22	-	-
Grangemouth ...	99	4	-	-	-	-		-	-	-	-	754	-	33	15 Aug	183	140	-	-	-	-	-	-	-	-	-	-	-	-	-
Renfrew																														
Greenock ...	99	61	11.2	6.0	8.6	-0.6		26.1	-6.7	-	-	1562	98	50	2 Nov	223	173	25	11	11	0	4	9	36	-	-	2	3.37	98	-
Paisley €	99	32	12.2	5.7	8.9	-0.5		27.8	-10.6	9.1	9.0	1110	99	32	15 Aug	231	167	23	9	6	3	5	9	45	96	-	11	3.22	97	-
Barrhead ...	99	30	11.8	5.2	8.5	-		26.7	-15.0	-	-	1186	103	31	31 Oct	216	161	40	10	11	3	10	8	61	109	-	10	-	-	-
Abbotsinch ¶	21-9	5	12.0	5.2	8.6	-0.3		27.0	-17.4	-	-	1001	97	35	15 Aug	216	149	40	7	10	5	6	12	66	119	99	6	3.47	102	-
Lanark																														
Crossmyloof ...	99	23	12.3																											

* King Edward School ** Model Farm

TABLE III (continued)

DISTRICT, COUNTY AND PLACE	Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS						MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days										BRIGHT SUNSHINE					
				MEANS OF		Daily Mean (mean of A & B)	Difference from 1931-60 average	HIGHEST MAX AND LOWEST MIN		30 cm.	122 cm.	Total fall (mm.)	Percentage of 1916-50 average	MOST IN A DAY		Precip'n		Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost below 0°C	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure	
				Max. (A)	Min. (B)			Maximum	Minimum					Amount (mm)	Date	0.2 mm or more	1.0 mm or more														
4 MIDLAND COUNTIES — contd.																															
Hereford																															
Lyonshall ...	99	155	12.9	(5.7)	(9.3)	(+0.1)		29.4	-8.3	-	-	875	105	46	6 Nov	202	163	-	-	-	-	-	-	(61)	127	-	-	-	-	-	
Ross-on-Wye	21-9	68	13.5	6.4	9.9	-0.1		30.9	-7.7	10.4	10.7	800	113	60	11 June	184	125	27	14	6	1	12	15	53	106	84	0	3.85	97	-	
Preston Wynne	99	84	(13.3)	(5.0)	(9.1)	-		30.0	-9.4	-	-	748	117	38	6 Aug	190	140	-	19	-	-	-	15	74	-	-	-	(4.21)	-	-	
Gloucester																															
Filton ...	21-9	59	13.5	6.8	10.1	0.0		31.4	-7.9	-	-	765	97	20	7, 11 Sept	188	141	32	8	19	2	16	8	49	81	74	0	3.99	-	-	
Hempsted ...	99	12	13.8	6.1	9.9	-		31.7	-7.8	11.0	11.1	709	97	29	19 Aug	183	132	24	-	0	7	8	11	58	97	-	0	3.68	-	-	
Gloucester ...	21-9	24	14.1	7.1	10.6	-		31.6	-6.7	-	-	705	-	29	19 Aug	180	134	29	10	9	7	16	15	45	93	64	0	3.97	-	-	
Cheltenham ...	99	65	(13.5)	(6.5)	(10.0)	(-0.1)		31.1	-7.2	-	-	776	116	49	10 June	201	141	-	-	-	-	-	53	-	-	-	-	-	-	-	
Cirencester ...	99	135	-	-	-	-		30.0	-	-	-	797	94	32	6 Nov	195	137	28	25	2	1	8	31	-	115	-	3	4.32	-	-	
Little Rissington	21-9	226	12.3	5.6	8.9	-		29.8	-6.1	-	-	734	95	47	19 Aug	176	132	46	23	3	12	17	40	70	106	87	1	(4.31)	-	-	
5 ENGLAND, S.E.																															
Greater London																															
Kensington Palace	99	25	14.5	7.2	10.9	0.0		30.6	-6.1	11.3	11.4	701	110	42	14 Nov	179	127	18	15	2	0	7	-	43	117	-	0	-	-	-	
Hampstead ...	99	137	-	6.3	-	-		30.6	-6.0	-	-	703	103	37	14 Nov	184	130	32	26	6	0	10	-	55	-	-	5	4.47	111	S	
St. James's Park	99	4	(14.7)	(7.5)	(11.1)	(0.0)		31.7	-3.9	-	-	667	112	38	14 Nov	167	128	-	-	-	-	-	33	-	-	-	-	-	-	-	-
London/W. Centre	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Greenwich ...	99	7	-	(6.7)	-	-		31.1	-5.6	-	-	622	108	31	14 Nov	177	122	-	14	-	-	-	-	4	40	-	-	-	4.48	121	-
Heathrow ...	21-9	25	14.5	7.0	10.7	+0.3		31.5	-6.5	-	-	656	109	53	11 June	169	121	35	11	8	6	18	6	48	97	62	1	4.33	-	-	
Hampton ...	99	12	14.4	6.9	10.7	-		30.6	-5.6	-	-	576	98	32	14 Nov	177	127	24	19	5	0	12	13	46	89	-	1	4.37	-	-	
Wealdstone ...	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Southgate ...	99	67	14.2	6.4	10.3	-		31.1	-5.6	10.6	-	693	109	34	14 Nov	182	127	27	26	2	2	10	5	48	110	-	-	4.39	-	-	
Kew*	21-9	5	14.2	6.2	10.2	-		31.1	-9.2	10.3	10.5	636	105	33	14 Nov	171	128	29	12	2	20	18	9	62	113	77	0	4.47	107	-	
			14.3	7.4	10.9	+0.3		31.0	-5.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Waddon ...	99	59	-	-	-	-		30.6	-7.2	-	-	693	100	31	13 Nov	170	138	-	-	-	-	-	-	46	-	-	-	-	-	-	-
Addington ...	99	144	(13.5)	(6.3)	(9.9)	(+0.1)		29.4	-6.1	-	-	741	101	31	14 Nov	186	142	-	-	-	-	-	52	-	-	-	-	-	-	-	-
Bromley ...	99	65	-	(5.9)	-	-		-	-8.3	-	-	(638)	(100)	25	14 Sept	(156)	(132)	-	-	-	-	-	-	53	-	-	-	-	-	-	-
Surrey																															
Gatwick ...	21-9	59	14.1	5.3	9.7	-0.1		29.6	-9.1	-	-	790	103	31	14 Nov	181	137	38	21	3	6	13	18	80	113	77	1	4.34	-	-	
Witley ...	99	35	14.4	6.0	10.2	+0.3		30.6	-6.7	10.9	11.0	674	102	33	14 Nov	196	133	-	19	-	-	-	12	57	130	-	-	4.19	104	-	
Mickleham ...	99	55	14.0	(4.7)	9.3	-		29.4	-9.4	(10.8)	-	807	107	(40)	(14 Nov)	174	138	-	-	-	-	-	-	(80)	(116)	-	-	-	-	-	-
Kent																															
Dungeness ...	21-9	3	(13.0)	(6.8)	(9.9)	(-0.3)		25.6	-6.6	-	-	751	118	27	8 Aug	159	134	30	9	0	0	9	9	50	-	-	26	-	-	-	-
Whitstable ...	99	3	13.9	7.1	10.5	-		30.0	-6.7	-	-	655	119	49	14 Sept	160	113	20	18	7	0	9	2	43	-	-	11	4.64	-	-	
Folkstone ...	99	39	13.2	7.4	10.3	-		26.7	-4.4	-	11.3	724	108	31	14 Sept	176	126	34	18	1	1	5	12	43	-	-	18	5.02	-	-	
Elmstone ...	99	9	(13.6)	(5.8)	(9.7)	-		28.3	-9.4	-	-	575	-	23	14 Nov	161	112	-	-	-	-	-	7	66	-	-	-	-	-	-	-
Herne Bay ...	99	6	13.8	7.7	10.7	-		29.4	-5.6	-	-	617	107	38	14 Sept	154	105	-	17	-	-	-	6	30	-	-	-	-	-	-	-
Dover ...	99	6	-	-	-	-		27.2	-	-	-	803	110	35	14 Nov	182	132	-	-	-	-	-	-	-	-	-	-	-	4.94	-	-
Deal ...	21-9	5	13.1	7.7	10.4	-		26.4	-6.5	-	-	655	-	31	18 Nov	156	113	31	11	0	3	6	11	36	59	54	1	-	-	-	-
Manston ...	21-9	44	13.4	7.1	10.3	-		28.0	-6.0	-	-	558	100	23	14 Nov	159	114	46	20	5	9	8	12	46	74	61	0	-	-	-	-
Margate ...	99	16	13.2	(8.1)	(10.7)	(0.0)		26.7	-3.3	10.8	11.1	505	-	22	14 Nov	154	110	22	14	2	1	6	11	26	-	-	5	(4.59)	(96)	-	
Hadlow College	99	30	14.1	(5.2)	(9.7)	-		29.4	-8.3	10.7	10.5	663	-	21	14 Sept	176	129	30	25	0	4	12	32	68	111	-	0	3.99	-	-	
Gillingham ...	99	4	14.4	6.6	10.5	-		31.1	-6.7	-	-	613	100	25	14 Sept	170	127	-	-	-	-	-	52	-	-	-	-	-	-	-	-
Peckham ...	21-9	29	14.0	5.5	9.7	-		28.9	-9.7	-	-	659	-	41	14 Sept	175	121	33	20	1	0	11	15	76	119	91	0	4.72	-	-	-
Goudhurst ...	99	85	13.6	(5.3)	(9.5)	-		31.1	-8.9	-	-	815	98	36	14 Sept	178	135	27	29	1	5	6	9	71	126	-	2	-	-	-	-
East Malling	99	37	14.1	5.7	9.9	+0.2		30.0	-8.3	10.4	10.7	660	97	22	14 Sept	179	132	33	25	0	0	9	14	57	93	-	1	4.38			

TABLE III (continued)

DISTRICT, COUNTY AND PLACE	Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS						MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days										BRIGHT SUNSHINE					
				MEANS OF		Daily Mean (mean of A & B)	Difference from 1931—60 average	HIGHEST MAX AND LOWEST MIN		30 cm.	122 cm.	Total fall (mm.)	Percentage of 1910—50 average	MOST IN A DAY		Precip'n 0.2 mm or more	1.0 mm or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost below 0°C	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931—60 average	Exposure	
				Max. (A)	Min. (B)			Maximum	Minimum					Amount (mm)	Date																
5. ENGLAND, S.E. — contd.																															
Hampshire — contd.																															
Southsea ..	99	2	13.9	8.0	10.9	-0.2	27.2	-6.1	11.7	12.0	771	109	46	13 Nov	159	123	10	5	0	0	3	2	30	-	-	2	4.89	102	-	-	
Hayling Island ...	99	4	13.6	(7.5)	(10.5)	-	24.4	-5.0	-	-	763	-	36	6 Nov	175	122	13	9	2	0	8	5	35	-	-	3	5.02	-	-	-	
Long Sutton ...	99	145	(13.5)	(5.2)	(9.3)	-	30.0	-7.8	10.5	-	776	-	25	6 Nov	197	142	26	26	3	3	10	-	67	137	-	2	4.25	101	-	-	
Alice Holt Lodge	99	115	13.6	5.4	9.5	-	29.4	-8.9	-	-	778	98	27	13 Nov	182	139	17	24	3	0	6	8	62	121	-	0	4.30	-	-	-	
S. Farnborough	99	69	14.1	5.7	9.9	0.0	30.3	-9.3	-	-	669	98	29	14 Nov	177	124	36	19	5	3	13	10	65	109	86	0	4.12	98	-	-	
Isle of Wight																															
St. Catherine's Pt.	99	16	-	(7.3)	-	-	-	-5.0	-	-	864	115	28	29 Jan	179	140	20	-	2	0	6	7	37	-	-	25	-	-	-	-	
Ventnor *	99	122	13.3	7.8	10.5	+0.2	24.4	-4.4	11.5	11.3	979	119	31	29 Jan	181	144	13	9	0	0	5	11	31	53	-	8	5.15	102	-	-	
Shanklin ...	99	55	(13.2)	(7.4)	(10.3)	-	27.2	-5.0	-	-	996	110	32	29 Jan	180	139	18	-	4	0	9	16	45	-	-	6	5.34	-	-	-	
Ryde	99	4	(13.9)	(8.0)	(10.9)	(-0.1)	28.3	-3.9	-	-	837	110	37	14 Sept	166	125	19	1	7	0	9	4	31	-	-	30	4.79	99	-	-	
Wiltshire																															
Lacock ...	99	49	(13.9)	(4.5)	(9.2)	-	29.4	-11.7	-	-	665	90	29	6 Nov	172	137	-	8	-	-	-	15	91	109	-	-	-	-	-	-	
Lynham ...	21-9	145	13.0	6.0	9.5	0.0	30.3	-7.0	-	-	625	85	26	19 Aug	174	131	40	21	9	11	14	15	63	104	87	1	4.33	-	-	-	
Larkhill ...	99	132	13.6	5.5	9.5	+0.1	29.4	-7.5	-	-	751	105	38	6 Nov	185	134	22	19	4	0	6	18	67	100	84	1	-	-	-	-	
Boscombe Down	21-9	126	13.7	5.8	9.7	+0.1	28.7	-7.0	-	-	687	95	36	6 Nov	183	129	36	16	4	11	5	15	71	117	97	4	4.42	104	-	-	
Upavon ...	21-9	176	13.0	5.7	9.3	-	29.8	-6.8	-	-	731	95	42	12 Sept	187	141	37	22	2	21	11	24	68	114	-	0	-	-	-	-	
Porton	99	111	13.6	5.0	9.3	-0.1	29.1	-9.4	9.7	-	713	95	35	6 Nov	178	130	-	16	-	-	-	17	72	127	95	-	4.37	99	-	-	
7a. ENGLAND, N.W.																															
Cumberland																															
Sellafield ...	99	13	(12.6)	-	-	-	28.3	-	-	-	889	81	25	22 July	175	139	-	4	-	-	-	-	-	-	-	-	4.11	-	-	-	
Carlisle ...	21-9	26	12.4	5.5	8.9	-	28.4	-13.0	-	-	847	-	29	31 Oct	198	140	46	10	18	3	8	10	65	108	86	2	4.04	-	-	-	
Newton Rigg	99	171	(11.7)	(4.7)	(8.2)	(-0.1)	27.8	-16.7	8.9	-	897	101	28	15 Aug	226	158	-	15	-	-	-	3	67	139	-	-	3.81	107	-	-	
Spadeadam	99	274	10.1	3.3	6.7	-	26.1	-11.1	7.4	7.5	1357	-	39	16 Sept	241	193	50	30	4	4	6	37	105	152	-	6	3.57	-	-	-	
Westmorland																															
Ambleside ...	99	46	12.5	(5.4)	(8.9)	-	30.0	-15.6	-	-	1894	100	55	22 Apr	220	192	25	11	8	4	3	4	63	-	-	2	-	-	-	-	
Great Dun Fell	21-9	847	5.6	1.2	3.4	-	27.6	-10.8	-	-	-	-	-	-	-	-	-	120	-	-	-	-	239	159	-	-	2.41	-	-	-	
Moor House ...	99	556	8.1	1.8	4.9	-	23.3	-15.0	6.0	-	2041	99	55	22 Apr.	-	-	-	91	-	-	-	-	50	128	186	-	-	3.40	-	-	-
Lancashire																															
Squires Gate ...	21-9	10	12.7	6.7	9.7	+0.1	28.7	-9.2	-	-	853	100	28	15 Aug	196	146	36	7	2	13	12	11	47	90	64	4	4.28	103	-	-	
Aigburth ...	99	14	13.1	7.3	10.2	-	28.5	-6.6	-	-	807	-	20	17 Nov	210	145	34	20	9	20	9	13	27	66	-	1	4.32	-	-	-	
Southport ...	99	5	12.7	6.3	9.5	-	28.3	-8.3	9.8	10.0	827	98	30	15 Aug	212	151	-	8	-	-	-	37	48	77	-	-	(4.37)	-	-	-	
Cartmel ...	99	34	12.4	(5.3)	(8.9)	-	28.9	-12.2	-	-	1194	-	27	15 Aug	218	162	-	10	-	-	-	23	68	-	-	-	-	-	-	-	
Speke ...	21-9	22	13.3	6.9	10.1	+0.3	29.8	-7.8	-	-	783	101	19	17 Nov	196	148	50	17	27	8	19	19	40	72	69	1	4.20	-	-	-	
Kirkham ...	99	24	12.6	(5.7)	(9.1)	-	29.4	-10.6	-	-	942	98	29	30 Oct	204	149	20	15	2	9	10	8	61	118	-	0	-	-	-	-	
Bailrigg ...	99	53	12.3	5.9	9.1	-	27.6	-8.7	-	-	1002	-	30	9 Sept	186	148	-	6	-	-	-	0	55	117	-	-	-	-	-	-	
Morecambe ...	99	7	12.5	(7.1)	(9.8)	(+0.1)	29.4	-7.2	-	-	986	101	25	30 Aug	193	154	18	4	0	5	2	1	32	-	-	0	4.11	101	-	-	
Preston ...	99	33	12.7	6.1	9.4	-	28.9	-11.1	-	-	1023	102	32	17 Nov	203	159	32	12	3	12	14	31	57	93	-	8	-	-	-	-	
Bolton ...	99	107	(12.4)	5.6	(9.0)	-	29.4	-11.1	9.0	-	1262	-	36	29 Aug	213	161	-	24	-	-	-	12	69	99	-	-	3.83	-	-	-	
Stonyhurst	99	115	(12.3)	(5.4)	(8.9)	(-0.1)	29.4	-10.6	-	-	1259	104	36	30 Oct	211	166	-	21	-	-	-	20	67	-	-	-	3.88	107	-	-	
Manchester/ W. Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.64	-	-	-	
Helmshore ...	99	261	(11.0)	(5.1)	(8.1)	-	27.2	-9.4	-	-	1534	100	44	16 Aug	223	183	-	34	-	-	-	22	74	116	-	-	4.00	-	-	S	
Burnley ...	99	200	11.5	5.0	8.3	-	28.3	-10.6	8.7	8.8	1156	-	38	30 Oct	205	179	-	15	-	-	-	19	66	110	-	-	-	-	-	S	
Rochdale ...	99	110	12.3	5.2	8.7	-	28.3	-12.2	-	-	1258	109	35	11 June	213	181	27	14	5	2	7	21	68	126	-	7	-	-	-	-	
Cheshire																															
West Kirby Park	99	8	13.6	7.1	10.3	-	29.4	-5.6	-	-	739	-	19	20 Aug	214	144	-	-	-	-	-	35	-	-	-	-	4.25	-	-	-	
Bidston	99	60	12.5	7.2	9.9	+0.3	28.3	-4.9	-	-	(732)	(99)	25	20 Aug	(191)	(139															

TABLE III (continued)

DISTRICT, COUNTY AND PLACE	Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS						MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days										BRIGHT SUNSHINE				
				MEANS OF		Daily Mean (mean of A & B)	Difference from 1931-60 average	HIGHEST MAX AND LOWEST MIN		30 cm.	122 cm.	Total fall (mm.)	Percentage of 1916-50 average	MOST IN A DAY		Precip'n 0.2 mm or more	1.0 mm or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost below 0°C	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1911-60 average	Exposure
				Max. (A)	Min. (B)			Maximum	Minimum					Amount (mm)	Date															
8a. SOUTH WALES.																														
Cardigan																														
Aberporth ...	21-9	133	11.9	7.3	9.6	-0.2	25.2	-2.8	-	-	884	118	20	1 Nov	210	156	29	5	5	26	7	13	21	46	41	26	3.66	-	-	
Gogerddan ...	9 9	31	13.0	6.5	9.7	-	27.2	-6.7	-	-	1202	117	30	11 Nov	228	177	23	10	3	1	2	1	54	96	-	0	3.61	-	-	
Swyddffynnon ...	9 9	165	(12.4)	(5.5)	(8.9)	-	28.3	-7.8	-	-	1524	116	36	20 Aug	178	176	-	22	-	-	-	4	61	107	-	-	3.63	-	S	
Trawscoed ...	9 9	61	12.9	-	-	-	28.3	-	10.5	-	1283	107	36	15 Jan	194	175	-	-	-	-	-	-	-	110	-	-	3.40	-	S	
Llety-evan-hen ...	9 9	290	11.1	5.8	8.5	-	26.1	-5.0	-	-	1638	115	38	11 Nov	226	190	28	13	10	7	6	31	58	93	-	1	3.33	92	-	
Cwmystwyth ...	9 9	301	-	(4.8)	-	-	-	-10.0	-	-	2005	-	41	10 Mar	230	213	-	30	-	-	-	-	-	76	103	-	-	-	-	
Pembroke																														
Dale Fort ...	9 9	33	(13.2)	(8.1)	(10.7)	-	26.1	-2.8	(11.1)	-	817	-	42	6 Nov	188	134	8	5	3	10	6	6	15	56	-	21	-	-	-	
Milford Haven C.B.*	21-9	37	12.7	7.9	10.3	-	26.5	-3.5	-	-	1018	-	46	6 Nov	205	151	19	4	8	1	7	6	21	61	46	29	-	-	-	
Orielton ...	9 9	61	-	-	-	-	26.1	-5.0	-	-	1057	-	58	6 Nov	210	157	-	-	-	-	-	-	-	-	-	-	-	-	-	
Haverfordwest ...	9 9	8	-	(5.9)	-	-	26.1	-7.8	-	-	1107	-	37	6 Nov	208	163	-	-	-	-	-	-	60	-	-	-	-	-	-	
Carmarthen																														
Carmarthen ...	9 9	15	13.6	5.9	9.7	-	27.8	-7.2	11.0	-	1240	-	26	17 Nov	227	177	16	14	12	4	6	4	64	99	-	21	3.94	-	-	
Brynamman ...	21-9	183	12.5	6.3	9.4	-	28.0	-5.9	-	-	1696	-	48	11 Oct	235	190	-	-	-	-	-	10	58	75	-	-	-	-	-	
Radnor																														
Cenarth Mill ...	21-9	282	-	-	-	-	27.0	-11.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Llandrindod Wells	9 9	235	12.5	5.0	8.7	0.0	28.9	-11.1	9.6	-	1048	102	28	6 Nov	222	174	38	31	15	0	5	2	77	-	-	0	3.06	86	S	
Brecknock																														
Llwynon ...	9 9	262	11.9	(4.8)	(8.3)	-	27.2	-11.1	-	-	1852	-	53	15 Jan	236	201	-	-	-	-	-	51	69	-	-	-	-	-	-	
Glamorgan																														
Mumbles ...	21-9	37	12.3	7.7	10.0	-	25.2	-3.0	-	-	-	-	-	-	-	-	18	1	13	5	12	13	26	63	45	23	-	-	-	
Penmaen ...	9 9	82	12.8	7.1	9.9	-	27.2	-4.4	10.9	11.1	1292	-	53	1 Nov	212	164	23	7	2	14	14	19	48	79	-	5	-	-	-	
Port Talbot ...	9 9	7	14.0	7.7	10.9	-	30.0	-5.6	-	-	1265	116	48	1 Nov	204	160	25	4	12	0	6	1	39	66	-	-	3.97	-	S	
Neath ...	9 9	62	13.4	7.4	10.4	-	28.9	-4.4	-	-	1417	113	46	1 Nov	222	170	18	5	7	3	7	2	36	80	-	3	-	-	-	
Rhosee	21-9	67	13.0	6.8	9.9	-	28.2	-6.3	-	-	1081	117	41	1 Nov	194	153	27	6	26	2	15	9	55	-	0	4.17	95	-	-	
Cardiff	9 9	62	13.8	6.8	10.3	+0.1	30.6	-5.0	10.6	10.7	1168	109	48	6 Nov	197	158	12	-	1	0	1	8	41	-	-	-	-	-	S	
Monmouth																														
Tredegar ...	9 9	313	(11.7)	5.1	(8.4)	-	27.8	-9.4	-	-	1623	99	37	15 Jan	232	189	45	33	1	2	7	63	72	-	-	9	-	-	S	
Newport ...	9 9	23	(13.8)	(6.2)	(10.0)	(-0.2)	30.0	-5.6	-	-	1177	115	52	6 Nov	193	170	-	6	-	-	-	3	(61)(96)	-	-	-	4.22	-	-	
Usk ...	9 9	21	-	-	-	-	30.6	-10.6	-	-	-	-	49	6 Nov	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Crumbland ...	9 9	245	12.1	5.4	8.7	-	28.9	-6.1	9.4	9.6	1001	97	35	6 Nov	201	147	-	22	-	-	-	36	63	107	-	-	4.03	-	-	
8b. ENGLAND, S.W.																														
Somerset																														
Hawkrigde ...	9 9	314	-	-	-	-	25.6	-	-	-	-	-	55	1 Nov	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Nettlecombe ...	9 9	96	-	5.9	-	-	29.4	-5.6	-	-	1011	-	78	19 Aug	183	143	15	7	1	10	10	24	55	122	-	2	-	-	-	
Cannington ...	9 9	29	(13.7)	6.8	(10.3)	-	29.4	-6.1	(11.4)	-	780	103	41	19 Aug	197	137	4	-	0	1	5	9	40	77	-	0	(4.16)	(95)	-	
Weston-super-Mare	9 9	9	-	(7.7)	-	-	-	-5.0	-	-	884	107	42	19 Aug	171	146	17	1	8	5	11	6	34	-	-	12	4.20	97	-	
Cricket Malherbie	9 9	76	-	-	-	-	-	-	-	-	879	-	33	11 Sept	222	141	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cheddar ...	9 9	11	-	-	-	-	-	-	(11.0)	-	959	-	36	1 Nov	191	158	-	6	-	-	-	-	-	-	-	-	-	-	-	
Yeovilton ...	21-9	18	14.2	6.0	10.1	-	29.6	-9.5	-	-	725	-	23	21 Aug	181	138	25	7	8	0	8	12	64	97	-	10	-	-	-	
Rodney Stoke ...	9 9	40	-	-	-	-	-	-6.1	11.1	11.0	953	-	37	1 Nov	193	158	-	10	-	-	-	29	57	99	-	-	-	-	-	
Long Ashton	9 9	49	13.7	6.5	10.1	0.0	30.6	-6.1	10.8	-	886	96	34	6 Nov	193	154	21	4	5	6	11	6	56	99	-	2	4.07	99	-	
West Camel ...	9 9	27	14.4	5.2	9.8	-	30.0	-10.0	-	-	779	-	27	11 Sept	201	143	-	9	-	-	-	8	76	136	-	-	-	-	-	
Wincanton ...	9 9	114	13.6	(5.6)	(9.6)	-	28.9	-8.9	-	-	859	-	28	1 Nov	201	149	23	6	2	2	7	26	59	103	-	1	-	-	-	
Bath C.B.S.**	9 9	118	(13.4)	6.5	(9.9)	-	29.4	-6.1	10.9	-	752	94	31	6 Nov	179	147	19	15	1	4	9	19	49	-	-	0	-	-	-	
Dorset																														
Portland Bill C.G.	21-9	53	12.5	(8.6)	(10.5)	-	24.0	-2.5	-	-	685	-	23	29 Jan	166	120	17	0	3	5	9	14	20	43	41	23	5.04	-	-	
Weymouth ...	9 9	23	13.9	6.9	10.4	-	25.6	-5.0	-	-	794	-	28	29 Jan	174	126	9	0	0	2	1	52	-	-	0	5.07	-	-	-	
Winfrith ...	9 9	26	(14.1)	(5.8)	(9.4)	-	28.3	-8.9	-	-	872	-	36	29 Jan	164	129	-	5	-	-	-	6	65	117	-	-	-	-	-	
Shaftesbury ...	9 9	207	12.8	5.7	9.3	0.0	28.3	-6.1	-	-	911	109	33	6 Nov	191	152	-	16	-	-	-	26	62	-	-	-	-	-	-	
Swanage ...	9 9	11	13.8	7.5	10.7	-	26.7	-3.9	-	11.9	798	103	28	6 Nov	171	130	17	-	2	0	11	41	63	-	18	5.22	108	-	-	
Poole ...	9 9	8	14.3	6.5	10.4	-	28.3	-6.7	11.2	11.6	765	95	43	29 Jan	168	130	18	8	1	6	1	5	55	100	-	0	4.80	102	-	
Devon																														
Virginstow ...	9 9	168	-	(6.3)	-	-	27.8	-5.0	-	-	1136	-	33	13 May	233	179	-	-	-	-	-	-	47	68	-	-	-	-	-	
Hartland Point	21-9	91	12.2	8.3	10.3	-	23.6	-3.5	-	-	911	99	34	19 Aug	197	148	14	1	13	19	6	24	12	32	30	52	4.17	94	-	
Mount Batten	21-9	27	13.3	8.1	10.7	-0.1	25.7	-4.4	-	-	1023	106	34	11 Feb	200	147	24	4	7	28	12	4	29	64	49	15	4.69	102	-	
Plymouth, The Hoe	9 9	36	13.8	7.7	10.7	-0.3	26.1	-4.1	11.6	11.9	931	97	32	11 Feb	197	140	-	7	-	-	-	5	40	101	-	-	4.49	98	-	
Tavistock ...	9 9	139	13.5	(6.1)	(9.8)	(-0.3)	28.3	-8.3	-	-	1216	91	29	21 Jan	223	181	29	15	9	7	13	8	50	-	-	0	-	-	-	
Chivenor ...	21-9	6	13.7	7.9	10.8	-0.3	28.7	-5.0	-	-	917	101	37	1 Nov	206	161	18	3	5	28	7	4	33	62	46	3	4.06	-	-	
Ilfracombe ...	9 9	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Salcombe ...	9 9	116	13.0	7.2	10.1	-	24.4	-2.8	-	-	1009	-	46	11 Sept	199	146	20	-	5	2	8	22	33	-	3	4.62	-	-	-	
Totnes ...	9 9	85	(13.9)	(6.4)	(10.1)	-	26.7	-6.1	11.0	11.1	1081	-	39	22 Nov	163	133	15	5	0	2	8	11	41	84	-	5	(4.17)	-	-	
Cheldon Barton	21-9	163	12.7	6.3	9.5	-	26.6	-7.3	10.2	-	1035	-	31	1 Nov	212	166	31	15	9	18	14	13	50	111	-	0	3.74	-	-	
Slapton ...	9 9	32	13.7	7.4	10.5	-	25.0	-3.9	-	-	1110	-	58	11 Sept	191	142	-	-	-	-	-	7	26	67	-	-	-	-	-	
Newton Abbot	9 9	83	-	(6.9)	-	-	-	-5.0	-	-	985	98	27	22 Nov	194	126	13	5	0	0	7	6	43	92	-	0	4.56	104	-	
Torbay (Torquay)	9 9	8	14.2	(7.5)	(10.9)	(0.0)	26.7	-3.3	-	(11.9)	960	108	28	22 Nov	177	134	12	0	2	2	6	4	37	60	-	6	5.05	106	-	
Teignmouth	9 9																													

TABLE III (continued)

DISTRICT, COUNTY AND PLACE	Max. Temp. hr. GMT Min. of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS						MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days										BRIGHT SUNSHINE						
			MEANS OF		Daily Mean (mean of A & B)	Difference from 1911-60 average	HIGHEST MAX AND LOWEST MIN		30 cm.	122 cm.	Total fall (mm.)	Percentage of 1916-50 average	MOST IN A DAY		Precip'n 0.2 mm or more	10mm or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1911-60 average	Exposure		
			Max. (A)	Min. (B)			Maximum	Minimum					Amount (mm)	Date																	
9. NORTHERN IRELAND																															
Londonderry																															
Loughmore Forest	99	174	11.0	4.4	7.7	-	25.2	-11.6	-	-	1311	-	80	15 Aug	277	226	50	33	14	3	10	7	78	129	-	14	-	-	-	-	
Ballykelly	21-9	2	12.4	6.5	9.5	+0.1	26.5	-8.2	10.1	10.1	962	106	60	15 Aug	251	187	40	10	8	46	9	3	43	69	60	8	3.25	88	-	-	
Banagher, Caugh Hill			11.3	4.7	8.0	-	27.5	(-7.6)	-	-	1399	-	67	15 Aug	279	222	44	26	8	1	8	13	69	111	-	21	-	-	-	-	
Derrynoyd Forest	99	88	12.3	5.2	8.7	-	26.0	-8.0	-	-	1272	-	71	15 Aug	265	203	34	22	2	1	4	12	63	124	-	-	-	-	-	-	
Somerset Forest	99	43	12.4	5.3	8.9	-	25.4	-7.1	-	-	1114	-	48	15 Aug	255	196	14	6	6	0	5	2	45	90	-	-	-	-	-	-	
Coleraine Univ....	99	23	12.2	5.8	9.0	-	25.6	-6.7	9.6	9.5	1047	-	55	15 Aug	259	193	34	13	11	22	4	7	42	84	-	6	2.98	-	-	-	
Garvagh Forest	99	88	12.0	5.0	8.5	-	26.1	-7.8	10.2	10.0	1333	-	61	15 Aug	283	217	43	25	24	0	10	3	64	108	-	-	-	-	-	-	
Moneydig	21-9	34	12.3	5.4	8.9	-0.1	26.4	-8.1	10.0	-	1082	100	54	15 Aug	260	207	46	20	29	19	12	8	56	122	70	6	-	-	-	-	
Antrim																															
Ballymoney	99	55	12.4	4.9	8.7	-	26.2	-7.9	-	-	1037	-	(54)	15 Aug	255	208	37	-	2	10	3	0	65	-	-	-	-	-	-	-	
Lisnafillan	99	38	12.4	5.0	8.7	-	26.1	-11.1	-	-	993	-	54	15 Aug	249	193	23	18	3	1	0	14	69	100	-	-	3.53	-	-	-	
Aldergrove	21-9	68	12.2	5.9	9.1	0.0	25.9	-8.4	9.6	9.5	910	94	66	15 Aug	241	178	44	15	22	0	10	7	55	85	76	1	3.47	99	-	-	
Greenmount	99	32	12.6	5.4	9.0	-	26.1	-9.4	9.9	-	912	-	68	15 Aug	256	186	17	13	2	0	2	-	66	96	-	-	-	-	-	-	
Altnahinch	99	226	10.5	4.7	7.6	-	23.3	-8.3	-	-	1510	-	70	15 Aug	293	229	60	38	14	11	6	17	56	117	-	61	3.05	-	-	-	
Parkmore Forest	99	235	10.4	4.4	7.4	-	21.7	-6.7	8.4	-	1767	108	88	15 Aug	268	233	37	35	5	0	2	16	60	119	-	19	-	-	-	-	
Black Mountain	21-9	295	10.0	4.6	7.3	-	24.1	-6.1	-	-	1164	-	105	15 Aug	234	187	41	23	3	0	2	78	81	-	15	-	-	-	-	-	
Lowtown	99	271	10.2	4.3	7.3	-	23.9	-6.7	8.2	-	1403	-	96	15 Aug	258	197	40	37	1	0	2	41	72	123	-	19	3.05	-	-	-	
Ballypatrick Forest	99	152	11.0	5.1	8.1	-	22.7	-8.2	-	-	1315	104	70	15 Aug	260	207	37	24	16	1	3	13	47	83	-	41	2.91	-	-	-	
Belfast, Malone*	99	35	12.3	5.6	8.9	-	25.6	-5.6	9.6	-	1005	-	81	15 Aug	231	170	11	-	0	0	2	9	48	103	-	-	3.51	-	-	-	
Newtownabbey	99	32	12.6	6.7	9.7	-	23.3	-5.0	10.2	-	1031	-	85	15 Aug	219	169	37	13	22	1	8	5	24	86	-	10	3.60	-	-	S	
Woodburn, North	99	217	10.8	4.5	7.7	-	22.8	-6.7	-	-	1245	101	98	15 Aug	244	199	33	24	3	5	4	70	67	113	-	-	-	-	-	-	
Larne	99	43	12.7	5.9	9.3	-	23.7	-5.4	-	-	1137	105	74	15 Aug	245	183	27	18	4	15	5	5	32	-	-	-	-	-	-	-	
Kilroot	99	22	12.4	5.5	8.9	-	23.3	-6.1	-	-	961	-	118	15 Aug	200	167	10	8	0	0	3	2	53	93	-	-	-	-	-	-	
Ballylumford	99	24	12.3	6.1	9.2	-	24.4	-5.6	-	-	983	-	75	15 Aug	225	159	2	-	3	0	0	-	31	68	-	-	-	-	-	-	
Down																															
Hillsborough	99	116	11.7	5.3	8.5	-0.3	25.6	-6.1	9.5	9.3	869	97	74	15 Aug	235	170	23	18	1	0	3	11	57	115	-	8	3.58	101	-	-	
Kilkeel	21-9	18	12.1	6.7	9.4	-0.1	22.0	-4.7	-	-	916	-	42	15 Aug	234	156	17	0	9	0	1	3	24	68	59	8	3.92	-	-	-	
Tollymore Park	99	76	12.5	5.7	9.1	-	23.3	-4.4	-	-	1173	85	71	15 Aug	227	159	14	7	1	0	1	8	43	82	-	-	-	-	-	-	
Rosetta	99	24	12.6	5.9	9.3	-	25.0	-6.1	-	-	961	-	(90)	15 Aug	219	172	8	9	0	0	2	8	44	-	-	-	-	-	-	-	
Murlough	99	9	12.8	5.3	9.1	-	22.8	-10.0	9.4	9.3	820	-	43	15 Aug	197	138	22	8	8	9	3	3	59	101	-	24	3.87	-	-	-	
Stormont Castle	99	56	12.5	6.0	9.3	-	26.1	-3.9	9.7	9.9	968	103	92	15 Aug	224	159	27	12	5	15	6	45	37	108	-	9	3.59	-	-	-	
Creighton's Green	99	119	11.4	5.8	8.6	-	23.9	-3.9	-	-	1022	-	98	15 Aug	221	160	33	15	15	0	8	4	35	89	-	8	-	-	-	-	
Reagh Island**	99	12	12.7	6.4	9.5	-	25.0	-4.4	-	-	715	-	52	15 Aug	195	137	-	-	-	-	2	23	82	-	-	-	-	3.88	-	-	
Helen's Bay	99	43	12.2	6.5	9.3	-	22.8	-3.9	-	-	883	-	96	15 Aug	211	151	25	13	0	14	5	7	18	89	-	11	3.75	-	-	-	
Killough	21-9	15	11.6	6.5	9.1	-	21.1	-4.8	-	-	758	-	35	15 Aug	210	133	18	5	3	0	3	7	31	64	57	38	-	-	-	-	
Ballyhalbert	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(3.84)	-	-	-	
Armagh																															
Armagh	99	62	12.9	5.6	9.3	-0.1	27.2	-8.3	10.9	10.7	883	105	78	15 Aug	235	165	27	20	14	6	10	10	60	122	-	9	3.03	88	-	-	
Loughgall	99	25	12.7	5.5	9.1	-	26.7	-10.6	-	-	824	105	69	15 Aug	226	163	23	13	3	10	8	8	64	40	-	6	3.54	-	-	-	
Bessbrook	-	76	-	-	-	-	-	-	-	-	953	94	55	15 Aug	229	163	-	-	-	-	-	-	-	-	-	-	-	3.65	99	-	-
Portadown	99	16	12.9	5.6	9.3	-	26.7	-8.3	10.3	10.5	821	-	65	15 Aug	226	163	1	-	2	0	0	-	53	101	-	-	-	-	-	-	
Lurgan	99	55	12.8	5.6	9.2	-	26.7	-8.9	9.9	10.2	790	-	66	15 Aug	219	160	-	-	-	-	-	-	52	100	-	-	3.45	-	-	-	
Tyrone																															
Lough Bradan	99	169	11.3	4.5	7.9	-	25.6	-7.8	-	-	1573	-	69	15 Aug	271	216	-	16	-	-	-	14	68	131	-	-	3.18	-	-	S	
Baronscourt Forest	99	88	12.1	5.3	8.7	-	26.6	-10.5	-	-	1202	-	64	15 Aug	258	190	33	26	6	0	8	2	53	140	-	-	-	-	-	-	
Strabane Convent	99	44	12.7	5.7	9.2	-	27.4	-8.9	-	-	1082	-	78	15 Aug	274	208	34	19	22	0	11	15	45	112	-	16	2.92	-	-	-	
Carrigans	21-9	113	11.9	5.5	8.7	-	25.8	-9.1	-	-	1354	-	73	15 Aug	274	206	55	24	36	3	13	12	58	104	83	4	-	-	-	-	
Lislap Forest	99	209	11.3	3.5	7.4	-	26.1	-8.9	9.2	-	1368	104	57	15 Aug	274	216	37	27	3	0	5	16	90	128	-	7	-	-	-	-	
Knockmany Forest	99	73	12.3	3.9	8.1	-	25.9	-11.6	-	-	1106	106	53	15 Aug	244	187	36	20	10	5	11	29	90	130	-	-	-	-	-	-	
Pomeroy Forest	99	165	11.6	4.8	8.2	-	24.4	-7.8	9.7	-	1153	-	69	15 Aug	253	190	41	31	7	0	10	36	65	128	-	12	-	-	-	-	
Cookstown	99	77	12.1	5.2	8.7	-	25.0	-9.4	9.6	-	1009	102	85	15 Aug	261	180	23	-	0	0	1	17	55	109	-	-	3.43	-	-	-	
Fermanagh																															
Roscor	99	143	11.8	5.5	8.7	-	25.4	-4.8	-	-	1400	114	62	15 Aug	288	208	25	15	21	0	12	13	45	109	-	-	-	-	-	-	
Lough Navar Forest	99	148	11.8	4.7	8.3	-	25.8	-8.3	-	-	1530	-	72	15 Aug	261	209	32	23	15	0	6	17	66	108	-	11	-	-	-	-	
C.Archdale Forest	99	66	12.0	5.6	8.8	-0.4	26.1	-7.8	9.7	9.1	1179	113	65	15 Aug	257	192	14	12	3	0	6	8	53	101</							

TABLE IV

—SUMMARY OF OBSERVATIONS AT FIXED HOURS

YEAR

1970

Height of Barometer above M.S.L. in metres	Hour of Observation (GMT)	MEAN PRESSURE IN MBs		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Metres and Kilometres)										WIND SPEED AND DIRECTION															
		At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	Mean	0	1-2	3-5	6-7	8	9	0-39 m.	40-190 m.	200-390 m.	400-990 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	
																									SPEED IN KNOTS													
																									8 or more	6-7	4-5	1-3	Calm									
																									34 or more	22-33	11-21	1-10	0									
Number of Observations																																						
0 SCOTLAND, N.																																						
Lerwick [Zetland]																																						
83	3	1008.9	-	5.8	0.7	8.5	89	6.3	3	38	60	95	150	19	0	13	6	4	5	8	62	61	126	80	1	43	141	153	27	52	23	8	35	68	57	50	45	
	9	1009.1	-1.0	6.8	1.0	8.8	86	6.4	1	30	46	158	116	14	0	7	4	5	11	23	61	80	81	93	4	39	170	138	14	49	34	17	43	63	54	53	38	
	15	1009.2	-	7.5	1.2	8.9	83	6.4	4	19	63	146	124	9	0	5	4	3	11	15	69	71	108	79	4	45	192	113	11	53	34	9	42	72	59	57	28	
	21	1009.4	-	6.1	0.7	8.6	88	6.0	5	47	56	113	119	25	1	16	4	9	4	17	61	59	112	82	4	45	134	164	18	47	29	16	37	75	55	44	44	
Kirkwall [Orkney]																																						
26	3	1009.3	-	6.3	0.5	9.0	91	5.7	4	63	62	110	116	10	1	4	3	7	5	4	57	73	150	61	6	55	167	107	30	37	24	20	48	69	42	66	29	
	9	1009.6	-0.8	7.7	1.0	9.4	86	6.1	3	33	63	155	106	5	1	1	2	4	3	7	62	52	138	95	8	66	183	101	7	42	27	32	41	68	40	73	35	
Wick [Caithness]																																						
37	3	1009.8	-	6.2	0.6	8.9	90	5.4	11	70	53	136	84	11	0	4	3	6	5	8	68	47	146	78	1	26	140	185	13	31	13	15	53	70	47	85	38	
	9	1010.1	-0.7	7.4	1.0	9.2	86	6.0	3	39	61	166	90	6	0	3	4	2	6	13	62	48	103	124	2	30	176	155	2	35	17	21	52	73	39	78	48	
	15	1010.0	-	8.6	1.3	9.5	82	6.1	3	34	59	135	69	5	0	2	2	5	3	7	62	55	111	118	2	48	165	147	3	41	24	30	59	61	34	58	55	
	21	1010.2	-	6.7	0.7	9.1	89	5.6	2	61	72	143	81	6	0	3	2	2	8	5	64	55	146	80	1	32	128	189	15	34	19	26	55	55	44	71	46	
Cape Wrath* [Sutherland]																																						
113	3	1008.6	-	7.5	1.2	8.9	84	6.0	0	36	92	80	142	15	0	10	5	0	0	1	12	24	101	212	18	47	114	161	25	19	28	37	37	27	112	42	38	
	9	1009.1	-	7.8	1.3	9.1	83	6.6	1	8	66	139	139	12	0	8	1	3	2	2	28	30	107	184	18	41	101	180	25	25	23	40	35	22	109	48	38	
	15	1009.1	-	8.3	1.3	9.3	82	6.5	3	17	52	148	135	10	0	6	3	3	3	1	23	31	115	180	9	51	120	171	14	29	28	41	33	13	130	45	32	
	21	1009.1	-	7.8	1.2	9.1	83	6.1	2	26	83	95	139	10	0	7	3	1	3	2	17	28	116	188	11	51	111	167	25	20	31	42	31	19	112	47	38	
Stornoway [Ross & Cromarty]																																						
5	3	1009.6	-	6.6	0.4	9.6	95	5.0	28	70	65	99	103	0	0	0	0	3	1	5	49	127	137	43	2	32	154	133	44	33	17	17	25	61	60	67	41	
	9	1009.9	-0.7	8.0	0.6	10.1	91	5.8	2	43	83	144	93	0	0	0	0	0	2	16	60	109	114	64	0	39	182	116	28	36	27	20	32	78	50	61	33	
	15	1009.7	-	9.3	1.1	10.4	86	5.7	5	39	85	152	84	0	0	0	0	1	0	11	50	95	131	77	3	56	195	104	7	38	52	18	22	82	49	59	38	
	21	1009.9	-	7.3	0.5	9.8	92	5.1	24	80	53	105	102	1	0	0	1	1	1	7	51	119	135	50	1	40	149	149	26	42	30	25	24	72	62	49	35	
Benbecula [Inverness]																																						
7	3	1010.3	-	7.5	0.7	9.6	89	5.5	18	61	58	121	106	1	0	0	1	1	2	21	46	87	114	93	4	28	156	143	34	52	20	22	37	57	44	69	30	
	9	1010.6	-0.1	8.6	1.0	10.0	86	5.9	4	37	69	171	84	0	0	0	0	1	4	18	54	96	111	81	1	36	194	120	14	44	27	20	36	75	52	64	33	
	15	1010.4	-	9.7	1.4	10.2	82	5.9	5	49	53	179	78	1	0	0	1	0	2	14	46	86	113	103	2	41	192	123	7	40	24	20	27	72	63	68	44	
	21	1010.6	-	8.1	0.9	9.8	87	5.6	10	61	54	150	89	1	0	0	1	1	6	19	42	78	125	93	5	37	155	146	22	51	30	27	31	60	60	54	30	
1 SCOTLAND, E.																																						
Kinloss [Moray]																																						
6	3	1010.3	-	6.7	1.1	8.6	84	5.5	13	62	53	135	100	2	0	0	1	5	5	13	49	48	129	115	1	20	127	187	30	13	16	30	21	54	110	70	21	
	9	1010.7	0.0	8.2	1.6	9.0	80	6.2	4	25	54	210	71	1	0	0	1	2	4	11	51	51	91	154	0	25	146	182	12	28	16	36	22	31	99	88	33	
	15	1010.3	-	10.2	2.3	9.4	73	6.1	3	21	69	206	65	1	0	1	0	2	2	6	46	57	88	163	2	37	172	147	7	43	35	35	17	36	63	97	32	
	21	1010.7	-	7.7	1.3	9.0	82	5.7	4	53	60	161	85	2	0	1	1	5	3	4	55	53	127	116	2	22	120	206	15	21	18	44	19	53	98	65	32	
Dyce [Aberdeen]																																						
59	3	1010.6	-	5.9	0.8	8.6	88	5.6	22	60	38	113	107	25	0	11	8	11	16	32	36	85	75	91	0	12	136	160	57	34	6	11	23	53	52	69	60	
	9	1010.8	-1.2	7.7	1.4	8.9	81	6.0	6	41	59	163	89	7	0	0	1	10	10	47	62	67	68	100	0	19	152	166	28	42	9	19	18	73	38	70	68	
	15	1010.5	-	9.7	2.1	9.3	75	6.1	6	32	61	173	92	1	0	0	0	2	15	27	59	106	69	87	0	24	188	145	8	38	12	35	31	79	44	47	71	
	21	1010.9	-	7.0	1.0	9.0	86	5.6	11	63	51	132	100	8	0	2	4	8	16	41	56	110	69	59	0	16	132	171	46	30	12	20	21	67	45	65	59	
Fraserburgh [Aberdeen]																																						
22	3	1010.1	-	7.4	0.7	9.5	89	5.7	8	50	78	79	139	11	0	4	6	5	6	8	69	160	107	0	11	49	134	169	2	51	6	28	29	102	33	83	31	
	9	1010.3	-1.2	8.2	1.1	9.6	86	6.0	5	21	93	123	112	11	0	2	5	6	0	11	82	113	142	4	10	50	154	147	4	54	5	31	26	88	24	106	27	
	15	1010.2	-	9.3	1.3	10.1	84	6.0	4	23	96	132	102	8	0	4	2	6	2	9	72	120	142	8	12	54	147	141	11	50	14	41	35	80	12	83	39	
	21	1010.4	-	8.0	0.8	9.8	88	5.8	1	43	91	109	111	10	0	3	3	6	6	8	68	150	119	2	9	45	134	170	7	52	7	33	26	113	18	77	32	
Usan [Angus]																																						
35	3	1010.9	-	6.7	0.8	9.0	88	4.8	21	103	51	77	102	11	1	5	4	4	11	12	53	34	48	193	0	20	122	178	45	52	24	15	21	50	94	49		
	9	1011.2	-	7.9	1.1	9.3	83	5.5	4	67	66	123	91	14	1	6	1	8	6	26	53	32	52	180	2	15	148	167	33	58	19	23	13	41	49	99	30	
	15	1010.9	-	9.5	1.6	9.8	79	5.7	4	46	72	149	91	3	0	2	1	4	4	27	56	43	49	179	0	23	163	157	22	56	24	40	13	70	40	79	21	
	21	1011.3	-	7.6	1.0	9.3	85	5.1	12	102	38	94	107	12	0	3	2	7	4	15	55	47	44	188	2	17	134	181	31	58	24	23	14	27	61	97	30	
Leuchars [Fife]																																						
12	3	1011.0	-	6.3	0.7	8.9	89	5.4	19	69	49	110	108	10	0	2	7	10	6	20	58	73	90	99	1	18	117	183	46	21	32	13	19	14	92	103	25	
	9	1011.3	-1.0	8.1	1.4	9.2	82	5.7	0	64	55	158	81	7	0	6	2	5	12	28	37	75	88	112	3	28	162	142	30	22	27	37	27	12	80	105	30	
	15	1010.9	-	10.2	2.1	9.6	74	6.0	2	35	64	186	77	1	0	1	0	3	4	24	40	79	111	103	1	40	192	117	15	27	28	63	18	24	58	96	36	
	21	1011.3	-	7.4	1.0	9.3	86	5.5	7	67	67	121	98	5	0	5	4	6	6	22	51	69	107	95	1	19	123	184	38	25	30	35	19	11	85	93	29	
Turnhouse [Midlothian]																																						
44	3	1011.5	-	6.3	0.7	8.9	89	5.6																														

TABLE IV (continued)

Height of Barometer above M.S.L. in metres	Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Okta)					VISIBILITY (Metres and Kilometres)										WIND SPEED AND DIRECTION															
		At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	MEAN	0	1-2	3-5	6-7	8	9	0-39 m.	40-190 m.	200-390 m.	400-590 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	
																									SPEED IN KNOTS													
																									8 or more	4, 7	4, 8	1-3	Calm									
																									22-33	11-21	1-10	0										
Number of Observations																																						
6a. SCOTLAND, W. — contd.																																						
Abbotsinch [Renfrew]																																						
9	3	1011.6	-	6.8	0.8	9.2	88	5.6	24	58	41	113	123	6	0	6	1	5	8	49	82	84	73	57	0	5	98	197	65	7	47	39	9	24	100	62	12	
	9	1012.0	-0.8	8.3	1.3	9.6	83	6.1	6	36	54	161	103	5	2	2	2	6	14	59	78	80	69	53	0	13	122	181	41	18	56	32	12	30	87	78	11	
	15	1011.5	-	10.8	2.3	9.8	73	6.1	2	40	65	152	104	2	0	1	2	1	9	32	82	92	68	78	0	15	189	142	19	19	57	28	8	46	76	94	18	
	21	1011.8	-	8.2	1.2	9.6	84	5.5	10	75	49	110	119	2	0	2	1	3	2	62	96	88	59	52	1	8	105	214	37	14	51	40	16	28	94	74	11	
Prestwick [Ayr]																																						
21	3	1011.6	-	7.1	0.7	9.4	89	5.4	30	50	61	105	117	2	0	0	1	0	0	18	92	157	83	14	0	11	94	218	42	27	25	51	44	31	40	70	35	
	9	1012.1	-0.8	8.6	1.3	9.8	83	5.8	5	52	60	155	92	1	0	2	0	0	2	26	115	124	64	32	0	14	123	199	29	22	34	43	38	36	46	68	49	
	15	1011.7	-	10.8	2.2	10.0	75	5.9	0	33	88	155	88	1	0	0	0	1	1	13	89	125	80	56	0	10	177	162	16	21	17	31	20	49	48	110	53	
	21	1011.9	-	8.3	1.1	9.8	85	5.5	12	56	70	124	102	1	0	1	0	0	2	20	106	147	71	18	0	11	107	211	36	25	25	46	41	41	40	72	39	
Eskdalemuir [Dumfries]																																						
237	3	1012.0	-	5.2	0.6	8.5	90	5.5	42	46	46	62	155	14	2	10	8	18	24	47	78	110	60	8	0	15	89	150	111	47	23	12	9	37	64	39	23	
	9	1012.3	-0.8	6.9	1.1	8.9	84	5.7	7	64	48	124	117	5	0	1	7	12	16	23	92	99	88	27	2	17	124	155	67	51	31	16	13	49	62	55	21	
	15	1011.7	-	9.4	2.0	9.3	75	6.1	2	35	58	160	108	2	0	0	2	5	7	20	80	92	111	48	1	32	163	149	20	31	30	29	7	70	69	76	33	
	21	1012.3	-	6.4	0.8	8.9	87	5.3	32	57	61	73	133	9	0	7	2	12	22	32	84	92	93	21	1	20	100	151	93	40	31	6	14	46	57	49	29	
Mull of Galloway [Wigtown]																																						
79	3	1011.8	-	8.0	0.9	9.8	88	4.7	61	55	62	60	120	7	0	2	4	2	0	4	28	59	125	141	12	80	183	69	21	60	29	28	21	75	49	50	32	
	9	1012.3	-	8.6	1.0	9.8	85	5.5	15	56	67	110	104	13	0	6	3	5	2	7	39	63	176	64	10	95	167	77	16	58	24	29	23	76	49	55	35	
	15	1012.1	-	10.1	1.7	10.1	79	5.7	17	41	68	116	113	10	0	1	5	6	3	6	41	83	165	55	10	101	159	71	24	39	14	34	21	100	33	48	52	
	21	1012.0	-	8.7	1.1	10.0	86	5.0	34	64	66	89	99	13	0	4	5	4	4	5	30	65	150	98	9	91	160	86	19	64	24	23	17	80	50	42	46	
6b. ISLE OF MAN																																						
Ronaldsway																																						
21	3	1012.5	-	8.6	1.1	9.9	85	5.4	13	71	58	100	120	3	0	0	2	1	7	22	67	80	99	87	0	34	140	182	9	66	34	35	20	34	57	81	29	
	9	1013.1	-0.7	9.6	1.4	10.2	82	5.7	3	62	60	153	87	0	0	0	0	1	8	28	53	104	61	110	1	34	172	157	1	43	30	61	12	46	63	84	25	
	15	1012.8	-	11.1	2.0	10.5	77	5.7	4	59	57	153	91	1	0	0	0	1	5	32	48	94	72	113	0	28	171	166	0	26	24	56	21	70	64	65	39	
	21	1012.8	-	9.3	1.2	10.2	84	5.8	9	52	60	124	117	3	0	1	2	3	6	26	62	94	100	71	1	27	145	178	14	49	37	33	22	35	49	83	43	
Point of Ayre																																						
9	3	1012.5	-	8.5	0.7	10.3	90	5.3	21	55	91	73	125	0	0	0	0	2	5	9	52	61	118	118	3	49	169	127	17	36	34	19	46	29	67	78	39	
	9	1013.0	-	9.6	1.1	10.6	86	5.8	5	38	88	133	101	0	0	1	0	1	3	17	40	69	134	100	2	58	202	95	8	35	36	23	46	32	46	92	47	
	15	1012.7	-	11.2	1.7	10.9	80	5.8	9	31	87	140	97	1	0	0	1	5	1	18	30	79	135	96	3	43	186	128	5	22	35	27	32	42	55	89	58	
	21	1012.8	-	9.1	0.9	10.6	88	5.5	9	47	99	101	107	2	0	0	0	4	0	16	35	78	118	114	4	40	164	136	21	27	28	20	40	34	60	83	52	
2. ENGLAND, N.E.																																						
Acklington [Northumberland]																																						
46	3	1011.6	-	6.4	0.7	9.1	90	5.3	45	48	46	90	121	15	1	8	8	6	17	34	57	69	99	66	1	21	96	225	22	49	11	8	16	44	34	137	44	
	9	1011.9	-1.1	8.4	1.3	9.6	83	5.7	5	50	67	156	79	8	0	5	3	11	9	48	63	84	65	77	6	43	126	175	20	48	30	18	20	45	31	117	36	
	15	1011.6	-	10.2	2.0	9.9	76	5.7	5	47	75	153	84	1	0	2	0	7	13	32	63	86	73	89	3	47	155	155	5	61	33	34	38	39	39	98	28	
	21	1012.1	-	7.3	0.8	9.5	88	5.3	25	69	52	98	111	10	2	6	4	2	21	46	67	90	81	46	2	16	104	212	31	35	24	11	25	37	51	113	38	
Tynemouth [Northumberland]																																						
40	9	1012.4	-1.0	8.4	1.2	9.7	84	5.7	14	33	87	106	114	11	1	11	0	3	27	57	102	95	69	0	5	42	176	123	19	53	10	14	14	64	28	137	26	
	15	1012.1	-	10.0	1.8	9.9	78	5.8	11	21	108	119	96	10	2	8	0	2	25	36	91	107	94	0	6	51	173	130	5	57	20	26	36	61	22	112	26	
	21	1012.4	-	8.6	1.2	9.8	84	5.3	37	41	74	92	105	16	2	11	1	3	12	30	111	144	51	0	1	35	147	163	19	37	14	25	15	65	41	127	22	
Seahouses [Northumberland]																																						
12	9	1011.8	-	8.3	1.1	9.7	85	5.9	6	49	67	110	117	16	0	6	4	14	11	27	69	84	78	72	8	43	125	182	7	53	28	20	22	62	33	109	31	
	15	1011.7	-	10.0	1.7	10.0	79	5.9	6	30	98	112	111	8	2	1	3	8	18	34	59	73	81	86	3	54	138	163	7	63	23	43	27	48	43	89	22	
	21	1011.9	-	8.0	0.9	9.8	87	5.3	21	73	64	64	130	13	2	6	2	8	12	26	77	141	71	20	7	23	99	217	19	35	21	18	27	78	55	101	11	
Leeming [Yorks, N. Riding]																																						
33	3	1012.6	-	7.1	0.9	9.2	86	5.5	42	45	43	85	125	25	1	14	11	10	26	41	66	55	77	64	0	10	90	220	45	54	13	5	29	79	30	62	48	
	9	1013.0	-1.1	8.9	1.6	9.5	79	5.8	8	55	46	158	86	12	0	7	8	12	22	36	66	60	66	88	1	15	128	206	15	61	16	9	23	79	33	80	49	
	15	1012.5	-	11.7	2.8	9.8	69	5.7	6	55	62	154	83	5	0	3	2	7	14	31	60	74	63	111	0	16	189	156	4	52	30	16	26	64	31	98	44	
	21	1013.0	-	8.6	1.4	9.6	82	5.4	30	59	51	92	121	12	0	6	6	19	24	31	66	68	72	73	0	7	80	250	28	59	13	11	25	68	38	85	38	
Kilnsea [Yorks, E. Riding]																																						
16	3	1013.0	-	7.8	0.8	9.9	89	5.2	45	50	62	62	136	10	0	4	7	8	6	23	111	206	0	0	8	60	199	86	12	25	30	29	18	46	55	102	48	
	9	1013.4	-0.8	8.8	1.2	10.0	85	5.8	14	33	75	115	119	9	1	4	7	8	14	47	131	153	0	0	9	75	175	98	8	33	26	31	21	42	50	107	47	
	15	1013.2	-	10.3	1.8	10.2	79	5.8	12	30	96	114	107	1	1	2	2	5	5	34	132	184	0	0	11	78	177	77	15	32	37	47	40	37	34	98	25	
	21	1013.4	-	8.6	1.0	10.1	87	5.1	45	57	59	64	129	11	0	8	4	5	9	26	111	202	0	0	7	60	184	107	6	30	22	44	21	61	49	90	42	
Waddington [Lincoln]																																						
69	3	1013.3																																				

TABLE IV (continued)

Height of Barometer above M.S.L. in metres	Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)						VISIBILITY (Metres and Kilometres)										WIND SPEED AND DIRECTION																										
		At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	MEAN	0	1-2	3-5	6-7	8	9	0-39 m.	40-190 m.	200-390 m.	400-590 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BRAUFOUR FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.													
																									8 or more	6, 7	4, 5	1-3	Caln																					
																																						SPEED IN KNOTS												
																																						34 or more	22-33	11-21	1-10	0								
Number of Observations																																																		
3.	[ENGLAND, E.]		-contd.																																															
Honington [Suffolk]																																																		
51	3	1013.7	-	7.1	0.8	9.5	89	5.2	53	49	50	66	132	15	0	10	4	9	27	69	124	100	21	1	0	4	100	230	31	30	27	23	29	39	70	92	24													
	9	1014.1	-1.0	9.4	1.7	9.9	81	5.8	16	50	47	130	115	7	0	8	3	7	16	52	128	76	57	18	0	6	145	201	13	25	33	32	36	38	62	87	39													
	15	1013.5	-	12.4	3.2	9.7	67	6.1	5	37	50	174	99	0	0	2	0	0	5	24	118	93	93	30	0	10	179	171	5	33	28	38	31	44	57	96	33													
	21	1014.2	-	8.9	1.4	9.8	82	5.4	33	51	57	96	124	4	0	7	0	6	8	43	128	94	68	11	0	1	98	253	13	32	28	32	38	51	66	80	23													
Wattisham [Suffolk]																																																		
91	3	1013.8	-	7.0	0.6	9.7	92	4.9	57	58	49	76	117	8	0	8	4	18	17	80	129	76	32	1	0	4	114	234	13	39	32	13	30	48	60	79	51													
	9	1014.3	-	9.2	1.4	10.2	84	5.7	16	60	49	119	108	13	0	9	5	5	13	58	110	89	63	13	0	13	150	195	7	29	32	22	42	32	78	70	53													
	15	1013.7	-	12.0	2.8	10.1	71	5.9	7	39	70	154	94	1	0	2	0	6	6	29	106	118	82	16	0	20	180	164	1	31	30	27	40	45	55	96	40													
	21	1014.4	-	8.6	1.1	10.1	86	5.1	37	59	64	92	108	5	0	4	3	6	12	55	134	95	54	2	0	2	111	243	9	36	30	30	39	51	65	73	32													
Aldeburgh [Suffolk]																																																		
9	9	1014.1	-	-	-	-	-	5.3	33	49	73	67	136	7	0	9	4	8	15	35	147	146	0	1	1	23	110	213	18	30	39	22	25	30	54	96	51													
	15	1013.8	-	-	-	-	-	5.5	27	40	65	114	117	2	0	2	3	2	11	27	156	163	1	0	4	25	156	175	5	30	44	37	25	59	43	81	41													
	21	1014.2	-	-	-	-	-	4.3	94	51	45	47	126	2	0	3	1	2	7	11	122	219	0	0	2	27	101	216	19	28	39	28	22	36	59	94	40													
Wytton [Hunts]																																																		
43	3	1013.8	-	7.4	0.7	9.7	89	5.0	64	43	44	78	127	9	0	9	6	19	16	59	133	97	25	1	0	2	69	271	23	31	26	22	26	34	95	70	38													
	9	1014.3	-	9.2	1.4	10.1	83	5.9	17	40	57	129	110	12	0	7	6	11	14	51	133	91	46	6	0	4	128	217	16	39	27	27	26	32	92	64	35													
	15	1013.7	-	12.7	3.1	10.3	69	6.1	6	33	57	167	100	2	0	2	1	1	7	25	116	121	80	12	0	7	169	179	10	43	40	16	36	30	73	89	28													
	21	1014.2	-	9.4	1.4	10.2	82	5.3	35	48	64	101	113	4	0	3	0	7	9	46	125	130	44	1	0	2	83	258	22	30	33	37	23	37	93	62	28													
Cardington [Bedford]																																																		
29	3	1014.0	-	6.9	0.5	9.6	92	5.0	66	54	33	78	127	7	0	9	4	12	31	45	145	89	29	1	0	3	81	263	18	18	39	20	19	36	83	98	34													
	9	1014.5	-0.8	9.4	1.4	10.3	84	5.8	16	49	53	112	128	7	0	6	6	6	22	46	116	95	66	2	0	8	114	235	8	37	36	31	17	32	72	90	42													
	15	1013.8	-	12.9	3.1	10.4	69	6.0	3	41	55	172	92	2	0	1	0	1	6	24	94	142	89	8	0	13	147	202	3	35	43	31	22	35	58	101	37													
	21	1014.5	-	9.0	1.1	10.3	86	5.1	41	62	52	89	120	1	0	3	0	4	17	33	138	125	45	0	0	5	88	263	9	22	39	26	33	34	87	82	33													
Stansted [Essex]																																																		
102	3	1014.1	-	7.1	0.6	9.7	91	4.8	76	44	42	66	122	15	0	7	6	15	14	66	106	111	40	0	0	0	69	233	63	31	21	24	21	32	84	53	36													
	9	1014.5	-1.1	9.3	1.5	10.2	83	5.5	22	48	62	121	103	9	0	3	6	16	20	51	106	71	80	12	0	1	109	216	39	40	19	33	26	34	64	75	35													
	15	1013.9	-	12.4	3.0	10.1	69	5.8	10	36	80	150	86	3	0	1	2	4	6	29	67	115	103	38	0	4	152	194	15	38	19	38	33	42	57	91	32													
	21	1014.6	-	9.0	1.3	10.1	84	4.9	46	69	46	85	115	4	0	3	3	2	15	45	102	120	72	3	0	1	77	246	41	38	21	39	29	39	74	65	19													
Shoeburyness [Essex]																																																		
5	9	1014.4	-1.4	10.2	1.5	10.8	82	5.7	15	56	45	132	112	5	0	6	0	8	20	58	139	65	54	15	0	9	151	194	11	29	22	39	28	37	62	79	58													
	15	1013.9	-	12.4	2.4	11.0	74	5.9	7	42	66	145	103	2	1	2	0	2	10	41	123	94	67	25	1	9	191	157	7	27	19	68	27	42	67	71	37													
	21	1014.4	-	9.9	1.3	10.8	84	4.8	42	75	52	86	108	2	0	3	1	5	15	46	137	87	57	14	0	8	134	209	14	28	28	32	21	45	87	72	38													
Walton-on-Naze [Essex]																																																		
8	3	1014.0	-	8.5	0.9	10.3	88	4.5	76	56	57	44	126	6	0	3	6	5	5	32	153	161	0	0	0	15	104	213	33	27	18	28	12	34	39	95	79													
	9	1014.5	-	10.1	1.6	10.4	81	5.4	30	41	83	79	127	5	0	7	1	3	17	53	142	141	1	0	1	17	134	200	13	30	24	27	30	35	48	85	73													
	15	1014.1	-	11.7	2.2	10.7	75	5.6	19	35	103	99	107	2	0	3	0	0	10	42	153	157	0	0	2	22	165	163	13	24	27	51	29	44	68	56	53													
	21	1014.5	-	9.7	1.3	10.6	84	4.8	53	52	77	52	129	2	0	0	2	1	10	34	149	169	0	0	1	16	125	195	28	33	28	33	26	34	51	92	40													
4.	[MIDLAND COUNTIES]																																																	
Huddersfield Oakes [Yorks, W.R.]																																																		
235	3	1012.9	-	6.0	0.8	8.6	88	6.0	31	15	64	90	147	18	6	18	13	18	11	48	134	63	53	1	2	19	98	189	57	23	29	10	13	13	45	115	60													
	9	1013.6	-0.7	8.0	1.1	9.6	85	6.1	18	30	53	117	130	17	6	13	4	23	21	31	107	86	74	0	3	6	107	206	43	27	51	20	7	15	57	113	32													
	15	1013.2	-	10.6	2.3	9.8	75	6.2	6	15	86	135	117	6	4	4	5	6	7	18	111	100	106	4	2	11	134	196	22	28	37	25	12	20	54	128	39													
	21	1013.5	-	7.5	0.9	9.5	87	5.2	41	43	73	70	130	8	1	11	6	13	4	16	113	87	113	1	3	17	89	200	56	16	42	16	11	17	54	116	37													
Watnall [Nottingham]																																																		
119	3	1013.5	-	6.9	0.6	9.6	91	5.2	50	52	39	85	127	12	1	8	5	15	3	39	141	103	15	2	0	0	71	254	40	31	46	15	11	25	87	81	29													
	9	1014.0	-0.9	8.9	1.3	10.0	84	5.7	14	52	54	133	103	9	1	7	8	17	42	62	104	90	31	3	0	3	119	228	15	34	51	27	8	30	69	106	25													
	15	1013.4	-	11.9	2.7	10.2	71	5.8	5	40	80	146	92	2	0	2	1	6	21	35	97	103	80	20	0	3	170	183	9	25	40	39	13	29	66	114	30													
	21	1013.9	-	8.6	1.2	10.0	86	5.0	34	66	65	87	109	4	0	4	4	7	36	47	152	99	16	0	0	0	71	260	34	23	38	33	13	26	68	103	27													
Finningley [Nottingham]																																																		
14	3	1012.9	-	7.5	0.8	9.7	89	5.1	64	40	41	88	118	14	2	7	1	15	17	35	137	85	38	28	0	6	85	220	54	42	13	9	28	60	49	62	48													
	9	1013.4	-0.9	9.6	1.6	10.1	81	5.7	21	45	50	144	101	4	0	7	3	16	21	48	106	97	58	9	0	11	144	188	22	51	23	17	23	49	50	78	52													
	15	1012.9	-	12.7	3.0	10.3	69	5.7	8	52	63	160	78	4	0	1	1	7	7	20	100	129	94	6	0	19	173	154	19	37	34	37	21	39	49	90	49													
	21	1013.4	-	9.2	1.3	10.1	84	5.0	52	55	51	103	99	5	0	3	4	7	11	36	146	123	31	4	0	5	88	234	38	3																				

TABLE IV (continued)

Height of Barometer above M.S.L. in metres	Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Octas)					VISIBILITY (Metres and Kilometres)										WIND SPEED AND DIRECTION																
		At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	MEAN	0	1-2	3-5	6-7	8	9	10-19 m.	20-100 m.	100-1000 m.	2000-3000 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.				
																							8 or more	6, 7	4, 5	1-3	Calms												
																							SPEED IN KNOTS																
																							34 or more	22-33	11-21	1-10	0												
Number of Observations																																							
4. MIDLAND COUNTIES - contd.																																							
Little Rissington [Gloucester]																																							
229	3	1014.4	-	7.0	0.8	9.4	89	5.2	50	52	39	84	125	15	2	14	14	12	16	23	115	76	55	38	0	9	102	247	7	40	26	23	24	32	73	92	48		
	9	1014.8	-0.6	8.3	1.2	9.7	84	6.1	7	44	51	140	104	19	0	24	6	10	9	35	96	68	59	58	0	13	145	207	4	36	35	35	16	32	71	99	37		
	15	1014.0	-	11.3	2.7	9.7	71	5.2	3	35	52	169	100	6	0	8	0	4	8	12	89	71	58	75	0	17	177	163	4	32	34	17	36	69	91	4			
	21	1014.8	-	8.5	1.2	9.8	84	5.1	42	57	65	83	112	6	1	8	3	6	10	20	121	69	84	43	0	11	100	244	10	31	41	22	17	35	82	86	4		
5. ENGLAND, S.E.																																							
Heathrow [Greater London]																																							
26	3	1014.2	-	8.3	0.9	10.1	87	4.9	48	66	45	94	108	4	1	0	4	3	10	58	120	115	52	2	0	6	81	253	25	35	29	22	17	55	69	79	34		
	9	1014.6	-1.1	10.1	1.7	10.4	80	5.6	9	60	53	140	98	5	1	3	2	0	19	57	121	93	54	15	0	8	132	214	11	38	30	32	25	45	67	79	38		
	15	1013.9	-	13.6	3.4	10.4	66	5.7	8	38	81	159	79	0	0	1	0	0	5	19	92	123	100	25	0	10	198	157	0	41	18	37	23	48	65	94	39		
	21	1014.6	-	10.4	1.7	10.5	79	5.0	31	68	54	116	94	2	0	2	0	3	6	44	124	118	65	3	0	3	105	242	15	33	15	43	25	47	79	73	35		
Kew [Greater London]																																							
10	9	1014.9	-0.8	10.3	2.0	10.3	78	5.7	18	50	46	135	112	4	0	7	0	2	23	28	149	71	78	7	0	0	73	259	33	34	35	31	20	34	83	68	27		
	15	1014.2	-	13.3	3.7	10.1	65	6.0	5	39	54	177	86	2	1	1	0	1	7	6	131	70	124	24	0	2	107	246	10	39	19	44	22	45	76	82	28		
	21	1014.9	-	10.0	1.8	10.2	80	4.9	34	73	58	98	100	2	1	4	1	5	9	37	113	108	84	3	0	0	48	283	34	32	22	39	13	55	85	63	22		
Gatwick [Surrey]																																							
59	3	1014.7	-	6.8	0.5	9.7	92	5.1	60	51	40	71	131	12	2	16	22	17	17	74	107	90	20	0	0	0	55	216	94	30	24	25	8	27	75	50	32		
	9	1015.1	-	9.7	1.4	10.6	84	5.7	12	60	41	137	106	9	1	5	3	9	25	59	117	84	53	9	0	2	91	242	30	35	35	41	12	30	74	59	49		
	15	1014.4	-	13.0	2.9	10.8	70	5.9	4	38	73	155	94	1	0	0	1	1	2	36	98	118	90	19	0	4	147	211	3	36	20	40	22	49	79	74	42		
	21	1015.2	-	9.0	1.0	10.5	86	5.1	30	77	47	98	107	6	0	5	4	9	12	72	130	100	33	0	0	2	63	255	45	29	24	28	16	33	98	70	22		
Dungeness [Kent]																																							
7	3	1014.4	-	9.0	0.6	11.2	92	4.3	105	49	39	36	133	9	2	3	1	3	1	9	100	83	162	1	5	58	111	174	17	54	14	41	5	57	27	136	14		
	9	1014.9	-	10.1	0.9	11.6	89	5.4	20	56	79	92	130	8	0	1	4	4	8	121	99	122	2	7	49	124	175	10	47	16	52	9	59	29	119	24			
	15	1014.5	-	12.0	1.4	12.3	83	5.5	16	43	98	90	117	6	0	0	0	6	2	9	83	98	153	4	5	84	163	111	2	48	7	59	3	63	41	130	12		
	21	1015.0	-	10.2	0.8	11.8	90	4.4	79	61	59	51	106	9	0	4	1	4	0	2	77	87	188	2	7	48	142	153	15	39	13	62	5	54	31	135	11		
Manston [Kent]																																							
15	3	1014.2	-	8.3	0.8	10.2	89	5.0	47	58	55	88	112	5	1	3	3	7	6	24	102	94	108	17	0	9	131	212	13	29	25	24	23	56	69	77	49		
	9	1014.7	-	10.1	1.5	10.6	82	5.5	13	67	58	123	97	7	1	3	1	7	13	35	97	100	66	42	0	15	161	185	4	35	26	28	24	54	56	68	70		
	15	1014.2	-	12.3	2.5	10.8	73	5.6	13	52	67	147	82	4	0	2	2	1	2	22	102	89	94	51	0	16	184	159	6	37	46	26	28	40	70	67	55		
	21	1014.8	-	9.4	1.2	10.5	85	5.1	24	69	61	122	88	1	0	1	1	3	11	18	83	95	119	34	0	8	143	200	14	30	36	27	27	48	95	63	25		
Thorney Island [Sussex]																																							
4	3	1015.0	-	8.5	0.7	10.5	90	4.8	60	60	41	81	117	6	1	4	2	8	10	36	115	127	51	11	0	7	99	245	14	48	51	36	13	18	39	101	45		
	9	1015.5	-0.5	10.3	1.4	11.0	83	5.6	9	67	48	140	100	1	0	0	3	4	4	34	115	94	80	31	0	10	132	217	6	31	37	43	20	34	53	90	53		
	15	1015.0	-	12.5	2.3	11.2	74	5.8	5	51	59	167	82	1	0	0	0	2	2	20	91	85	110	55	0	14	186	164	1	32	22	35	60	85	76	32			
	21	1015.5	-	9.9	1.1	11.0	86	4.8	34	86	43	101	99	2	0	2	2	7	13	25	116	119	87	14	0	7	103	247	8	40	35	32	23	23	56	120	28		
Abingdon [Berkshire]																																							
71	3	1014.3	-	7.3	0.8	9.6	89	4.9	65	51	45	82	113	9	0	8	5	9	26	45	102	104	65	1	0	0	66	272	27	40	32	29	21	33	59	73	51		
	9	1014.7	-0.9	9.5	1.6	10.1	81	6.0	8	40	56	145	109	7	0	6	3	9	14	60	108	88	64	13	0	0	102	257	6	42	30	29	35	37	64	91	31		
	15	1014.0	-	12.8	3.2	10.1	67	6.0	4	27	86	151	95	2	0	1	0	1	8	21	95	109	98	32	0	1	158	203	3	40	36	24	26	44	65	92	35		
	21	1014.7	-	9.3	1.4	10.1	82	5.0	32	64	67	106	94	2	0	2	2	3	11	27	132	110	69	9	0	0	67	281	17	39	39	25	28	31	76	70	40		
S. Farnborough [Hampshire]																																							
70	3	1014.7	-	7.4	0.7	9.8	90	4.7	74	57	53	79	119	4	0	3	5	10	11	41	122	101	58	14	0	1	71	227	66	17	19	27	24	28	50	98	36		
	9	1015.0	-0.9	9.8	1.4	10.5	82	5.7	13	53	64	146	96	4	0	6	2	2	11	36	90	67	71	80	0	3	116	229	17	32	23	42	34	24	56	87	50		
	15	1014.3	-	13.2	3.0	10.8	69	5.8	3	42	65	166	87	2	0	1	1	0	4	9	83	82	91	94	0	10	163	188	4	36	17	39	31	67	68	93	40		
Lyneham [Wiltshire]																																							
149	3	1014.5	-	7.3	0.6	9.8	91	5.4	33	55	50	90	131	6	0	9	7	7	21	55	112	88	52	14	0	3	101	247	14	21	42	18	21	62	87	64	36		
	9	1014.9	-0.8	8.9	1.1	10.4	86	6.0	7	43	62	131	117	5	0	6	5	4	21	45	93	86	70	35	0	2	156	196	11	31	44	25	15	54	66	84	35		
	15	1014.2	-	11.9	2.3	10.9	75	6.0	6	27	78	162	91	1	0	3	1	3	10	12	89	94	95	58	0	11	193	151	10	37	38	25	15	41	62	101	36		
	21	1015.0	-	9.0	1.1	10.4	86	5.4	15	74	55	104	116	1	0	2	1	4	8	28	127	110	58	27	0	1	113	239	12	22	38	26	16	58	84	80	29		
Boscombe Down [Wiltshire]																																							
128	3	1014.7	-	7.2	0.5	9.9	93	4.9	66	56	33	70	127	13	0	11	6	11	13	59	113	123	27	2	0	7	119	214	25	34	18	39	34	30	45	80	60		
	9	1015.0	-0.9	9.4	1.3	10.5	84	6.0	11	44	41	159	103	7	0	1	6	8	11	43	116	106	62	12	0	11	172	169	13	41	19	42	30	37	38	72	73		
	15	1014.4	-	12.6	2.7	10.7	72	6.1	2	32	56	189	86	0	0	0	2	3	4	11	95	135	85	30	0	20	212	127	6	44	20	33	24	43	46	74	75		
	21	1015.2	-	8.8	1.0	10.4	87	5.1	37	60	59	98	106	6	1	1	3	5	7	55	116	132	42	3	0	4	122	219	20	31	20	28	27	40	51	75	73		
Upavon [Wiltshire]																																							
177	9	1015.0	-	9.0	1.1	10.5	86	6.0	8	46	51	141																											

TABLE IV (continued)

Height of Barometer above M.S.L. in metres	Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Metres and Kilometres)										WIND SPEED AND DIRECTION																		
		At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	MEAN	0	1-2	3-5	6-7	8	9	0-39 m.	40-190 m.	200-390 m.	400-990 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.				
																									8 or more	4-7	4-5	1-3	Calm												
																																						SPEED IN KNOTS			
																																						34 or more	22-33	11-21	1-10
Number of Observations																																									
7a ENGLAND, N.W.																																									
Ringway [Cheshire]																																									
84	3	1013.3	-	7.9	1.0	9.6	86	5.6	24	46	60	105	119	11	0	2	3	5	15	66	114	122	35	3	0	5	81	237	42	21	26	28	32	109	22	54	31				
	9	1013.8	-0.6	9.3	1.7	9.7	79	5.8	10	47	56	146	102	4	0	3	2	4	16	85	126	108	21	0	0	4	133	202	26	21	28	26	21	72	54	77					
	15	1013.2	-	11.9	2.9	9.8	68	6.0	2	39	64	172	88	0	0	0	0	1	3	56	120	123	59	3	0	6	196	153	10	24	18	32	25	54	51	102					
	21	1013.6	-	9.4	1.6	9.9	80	5.7	17	42	69	119	118	0	0	1	0	2	13	97	130	101	21	0	0	4	105	226	30	13	27	40	27	76	53	59					
7b NORTH WALES																																									
Valley [Anglesey]																																									
11	3	1013.0	-	8.9	0.8	10.5	88	5.7	25	34	77	88	133	8	0	1	0	11	7	13	81	95	133	24	11	71	147	107	29	36	31	36	13	59	53	70					
	9	1013.7	-0.3	10.0	1.3	10.7	83	6.0	7	34	66	170	83	5	0	0	3	3	4	23	73	89	122	48	11	74	174	88	18	45	28	32	9	73	61	58					
	15	1013.4	-	11.7	1.9	11.1	77	5.7	5	48	72	148	91	1	0	0	0	1	5	10	72	96	94	87	9	73	189	81	8	42	36	18	10	71	88						
	21	1013.4	-	9.6	1.0	10.8	87	5.8	18	32	75	129	108	3	0	1	1	5	4	19	81	99	114	41	9	72	149	109	26	40	32	28	17	61	71						
8a SOUTH WALES																																									
Aberporth [Cardigan]																																									
134	3	1013.7	-	8.6	0.9	10.2	88	5.4	35	55	42	100	125	8	2	6	1	3	8	22	113	104	77	29	4	54	172	123	12	36	14	22	29	74	45	78					
	9	1014.2	-0.4	9.5	1.2	10.4	84	6.2	7	45	30	174	102	7	1	5	3	4	5	26	88	112	83	38	3	58	178	113	13	39	25	23	30	57	46	63					
	15	1014.0	-	10.7	1.7	10.5	78	5.8	6	51	56	152	93	7	0	6	1	4	6	11	77	115	79	66	0	49	196	116	4	60	23	12	25	50	41	80					
	21	1014.1	-	9.2	1.1	10.4	85	5.5	18	70	45	108	115	9	1	5	2	2	7	15	101	120	64	48	4	44	180	122	15	35	19	20	32	71	50	74					
Milford Haven C.B. [Pembroke]																																									
39	3	1014.3	-	9.4	0.9	10.8	88	5.0	78	20	62	46	148	11	1	2	1	8	1	6	166	124	55	1	0	19	121	185	40	41	25	37	22	25	48	61					
	9	1014.7	-0.2	10.4	1.3	11.1	84	6.0	20	18	73	119	129	6	2	1	3	1	3	16	175	128	36	0	0	14	141	179	31	37	24	46	20	32	52	69					
	15	1014.5	-	12.0	1.9	11.3	77	5.8	13	24	104	96	121	7	1	0	2	5	1	6	169	131	50	0	0	19	172	170	4	35	21	26	28	36	88	72					
	21	1014.7	-	10.2	1.1	11.1	86	5.2	52	36	71	59	137	10	0	3	3	4	1	9	163	136	44	2	2	11	124	190	38	35	31	22	28	25	63	73					
Brynamman [Carmarthen]																																									
9	3	1014.3	-	9.0	0.8	10.8	90	6.0	10	45	43	151	107	9	0	1	6	7	42	50	132	55	72	0	0	2	52	260	51	12	32	30	37	26	20	94					
Mumbles [Glamorgan]																																									
37	9	1014.3	-	10.0	1.2	10.9	85	6.1	9	25	69	129	124	9	0	2	4	7	8	25	162	74	76	7	7	39	141	158	20	43	18	67	6	23	49						
	15	1014.1	-	11.4	1.8	11.0	78	5.9	7	22	100	118	113	5	2	1	2	6	11	23	123	70	103	24	3	54	177	118	13	31	10	44	11	34	67						
	21	1014.3	-	10.2	1.3	11.0	84	5.3	31	56	70	71	129	8	0	1	5	2	8	21	94	94	119	21	2	41	127	174	21	38	18	52	4	14	54						
Rhoose [Glamorgan]																																									
69	3	1014.3	-	8.1	0.6	10.4	91	5.4	40	52	49	74	136	14	0	3	12	6	5	38	91	122	73	15	0	13	120	204	28	13	50	42	21	16	33						
	9	1014.8	-0.8	9.7	1.2	10.8	85	5.9	8	46	48	154	102	7	0	1	5	3	14	54	92	108	66	22	0	14	160	178	13	19	51	49	25	16	26						
	15	1014.3	-	11.8	2.0	11.1	77	5.7	5	62	55	151	90	2	0	2	1	2	2	23	96	101	79	59	0	16	208	135	6	17	36	39	27	22	33						
	21	1014.9	-	9.0	0.9	10.6	88	5.2	25	70	59	94	107	10	1	2	7	6	6	34	99	115	65	30	0	7	132	206	20	16	33	35	25	13	29						
8b ENGLAND, S.W.																																									
Yeovilton [Somerset]																																									
23	3	1014.9	-	7.9	0.9	9.9	88	5.3	41	41	72	79	118	14	1	7	5	16	16	74	165	74	7	0	1	10	87	146	121	17	16	24	15	39	45						
	9	1015.3	-	10.1	1.5	10.5	81	5.9	7	26	85	145	99	3	0	2	5	5	12	51	161	109	20	0	1	19	126	153	66	27	21	30	27	30	42						
	15	1014.8	-	13.3	3.0	10.8	68	5.8	7	23	104	152	79	0	0	0	0	1	5	21	142	129	67	0	1	31	193	123	17	30	21	25	36	45	86						
	21	1015.3	-	9.6	1.3	10.5	83	5.0	29	63	85	85	103	0	0	1	1	1	14	39	172	105	31	1	1	11	85	180	88	17	15	21	29	33	54						
Portland Bill [Dorset]																																									
54	3	1014.0	-	9.6	0.6	11.4	91	4.9	58	56	50	65	122	14	3	5	4	5	5	14	146	110	70	3	6	60	163	121	15	50	34	43	13	24	32						
	9	1014.5	-	10.4	0.9	11.7	88	5.6	13	47	87	86	120	12	0	10	1	4	7	37	120	84	98	4	2	63	169	119	12	41	25	53	18	30	21						
	15	1014.2	-	11.6	1.3	12.0	85	5.4	12	54	85	113	91	10	1	7	2	3	14	36	121	75	98	8	2	66	163	130	4	22	16	48	27	27	42						
	21	1014.6	-	10.2	0.8	11.6	90	4.4	56	82	61	61	96	9	2	4	1	4	6	17	143	93	92	3	1	63	183	106	12	48	21	47	10	20	35						
Hartland Point [Devon]																																									
93	3	1014.1	-	9.7	0.9	11.0	88	5.1	37	54	72	85	101	16	0	14	1	3	6	11	60	149	109	12	16	64	163	101	21	25	42	29	19	39	33						
Mount Batten [Devon]																																									
30	3	1015.2	-	9.3	0.7	11.1	91	5.2	47	45	53	104	112	4	0	2	2	2	4	33	123	161	37	1	0	16	125	184	40	44	20	52	14	28	30						
	9	1015.6	-0.3	10.5	1.1	11.5	87	5.9	10	41	60	153	98	3	0	3	0	1	4	39	134	102	65	17	1	17	147	177	23	56	16	50	20	28	56						
	15	1015.3	-	12.3	1.8	11.8	79	5.8	4	47	67	155	91	1	0	0	1	5	2	19	107	104	82	45	0	33	200	130	2	40	17	36	20	33	97						
	21	1015.8	-	10.1	0.9	11.4	88	5.0	30	84	50	93	106	2	0	2	2	1	5	35	137	137	36	10	1	22	135	188	19	48	24	46	22	27	45						
Chivenor [Devon]																																									
7	3	1014.7	-	9.2	0.9	10.7	88	5.4	36	43	64	106	114	2	0	0	3	5	11	30	114	92	90	20	0	16	116	181	52	13	12	93	30	19	27						
	9	1015.2	-0.2	10.5	1.4	11.0	82	6.0	12	31	56	168	97	1	0	0	2	2	5	35	88	92	110	31	0	15	150	169	31	29	17	64	38	25	38						
	15	1014.9	-	12.6	2.2	11.3	75	5.8	2	47	75	158	83	0	0	1	0	2	1	17	74	92	136	42	0	21	202	134	8	32	20	25	33	24	42						
	21	1015.3	-	10.1	1.2	11.0	85	5.4	20	63	63	113	105	1	0	0	1	1	7	29	97	89	115	26	0	20	113	173	59	21	14	54	30	25	31						
Exeter [Devon]																																									
38	3	1014.9	-	8.2	0.6	10.4	91	5.3	50	50	37	78	144	6	0	14	6	13	10	25	61	116	95	25	0	7	79	206	73	26	38	10	29	52	29						
	9	1015.3	-0.5	10.1	1.2	11.0	84	6.0	9	41	50	160	103	2	0	3	2	2	5	26	90	90	79	68	0	13	125	194	33	37	34	13	33	50	24						
	15	1014.8	-	13.0	2.4	11.5	74	5.9	2	41	68	165	89	0	0	1	0	1	0	13	8																				

TABLE IV (continued)

Height of Barometer above M.S.L. in metres	Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Okta)						VISIBILITY (Metres and Kilometres)										WIND SPEED AND DIRECTION																	
		At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	MEAN	0	1-2	3-5	6-7	8	9	0-39 m.	40-190 m.	200-390 m.	400-990 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.				
																									8 or more	6, 7	4, 5	1-3	Calm												
																																						SPEED IN KNOTS			
																																						22-33	11-21	1-10	0
Number of Observations																																									
9 NORTHERN IRELAND - contd.																																									
Aldergrove [Antrim]																																									
73	3	1012.5	-	7.5	0.8	9.6	88	5.9	16	36	63	129	117	4	0	1	3	5	6	33	86	157	74	0	0	4	115	236	10	36	26	35	32	76	63	57	30				
	9	1013.0	-0.2	8.7	1.2	9.9	84	6.3	5	30	43	189	92	6	0	2	4	1	8	29	66	136	95	24	0	5	147	207	6	29	25	37	30	64	75	58	41				
	15	1012.4	-	11.2	2.2	10.3	75	6.3	2	27	48	194	94	0	0	0	0	0	3	25	60	134	102	41	0	7	189	168	1	30	18	28	32	50	64	80	62				
	21	1012.7	-	8.6	1.1	10.0	85	5.9	7	40	59	157	101	1	0	0	0	1	5	30	76	148	90	15	0	5	119	234	7	41	19	35	41	62	58	62	40				
Kilkeel [Down]																																									
20	9	1013.0	-0.5	9.3	1.3	10.1	83	6.3	4	20	67	174	98	2	0	1	2	0	2	10	65	89	133	63	1	33	150	149	32	51	30	35	14	47	50	72	34				
	15	1012.7	-	11.1	1.9	10.5	77	6.4	5	13	44	218	81	4	0	0	4	2	2	4	61	86	120	86	1	37	173	121	33	49	22	40	9	66	34	84	28				
	21	1012.7	-	9.4	1.2	10.3	84	5.9	7	35	78	123	119	3	0	2	2	1	1	7	85	106	144	17	1	38	136	128	62	52	30	22	7	44	37	78	33				
Carrigans [Tyrone]																																									
112	9	1012.5	-	8.2	0.9	10.1	88	6.0	8	32	73	132	113	7	0	4	2	6	13	13	100	97	75	55	0	2	121	178	64	41	5	19	35	54	31	67	49				
	21	1012.3	-	8.3	0.9	10.1	88	5.5	20	52	70	100	123	0	0	0	0	0	3	5	98	148	90	21	1	6	94	204	60	50	12	21	47	42	29	59	45				

TABLE V—HIGHEST AND LOWEST MAXIMUM AND MINIMUM TEMPERATURES
DURING THE YEAR 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
°C	°C	°C	°C	°C	°C	°C	°C	°C	°C
0 SCOTLAND, N.					1 SCOTLAND, E. - contd.				
Hamnavoe	June 9 21.1	Aug. 5 13.3	Jan. 16 -0.6	Jan. 23 -4.4	Dundee	June 20, Aug. 5 23.9	Aug. 31 15.0	Jan. 7 0.0	Jan. 6 -7.2
Lerwick	Aug. 5 18.6	Aug. 5, 22 12.1	Jan. 2 -3.2	Feb. 12 -6.8	Glamis Castle	June 10, Aug. 5 25.0	June 11, Aug. 31 14.4	Jan. 7 -1.7	Jan. 6, 7 -8.9
Baltasound	Aug. 5 20.0	July 9, Aug. 13, 22, 31, Sept. 27 12.2	Jan. 16 -1.1	Feb. 17, Mar. 2 -6.7	Carnoustie	July 17 23.3	Aug. 31 14.4	Jan. 7 1.1	Jan. 7 -7.2
Sule Skerry	July 8 19.1	Aug. 31 12.7	Mar. 26 0.8	Mar. 27 -4.4	Arbroath	July 17 23.3	Aug. 31 14.4	Jan. 2 1.7	Jan. 7 -6.7
Stenness	June 10, 19, Aug. 2 22.2	Aug. 3, 13, 31 13.3	Feb. 13 0.0	Mar. 5 -8.3	Usan	July 17 24.4	Aug. 29, 31 14.0	Jan. 7 -0.8	Jan. 7, Feb. 15 -4.9
Kirkwall	Aug. 5 22.0	Aug. 31 13.0	Feb. 6 0.3	Mar. 5 -4.8	Montrose	Aug. 5 23.3	Aug. 29, 31 13.9	Feb. 13 0.6	Jan. 7 -6.1
Downreay	July 8 26.1	Aug. 2 14.4	Feb. 17 1.1	Feb. 12 -7.8	Aberfoyle	June 10 27.2	Aug. 7, 31 14.4	Jan. 7 0.0	Jan. 7 -14.4
Wick	Aug. 5 21.5	Aug. 13 13.9	Jan. 5 -0.1	Feb. 12 -9.6	Callander	June 10 26.7	June 22, Aug. 29, 31, 13, 9 12.8	Jan. 7 -1.7	Jan. 7 -12.2
John O' Groats	June 19, Aug. 2, 5 20.6	Aug. 31 13.3	Feb. 13 1.1	Feb. 17 -6.7	Glennagles	June 10 25.6	July 30, Aug. 13 12.8	Jan. 6 -0.6	Jan. 7 -11.1
Cape Wrath	June 4 24.0	June 20 17.5	Feb. 15 1.2	Mar. 26 -2.7	Fowls Wester	June 10 25.6	Aug. 31 13.9	Jan. 7 -1.7	Jan. 7 -8.3
Achany	June 3 26.7	Aug. 2 14.4	Feb. 12 -2.8	Feb. 12 -15.0	Pitlochry	June 10 26.1	July 31, Aug. 4 13.9	Jan. 5, 7 -1.1	Jan. 7 -11.7
Strathay	June 3 27.2	Aug. 2 15.6	Feb. 11, 16 -0.6	Feb. 12 -12.2	Faskally	June 10 26.1	Aug. 4 15.0	Jan. 7 -0.6	Jan. 7 -10.0
Achintoul	June 3 27.8	Aug. 2 15.0	Feb. 11 -4.4	Feb. 12 -17.8	Ashintully Castle	June 10 25.0	June 11 13.9	Jan. 7 -2.8	Jan. 7 -9.4
Stornoway	June 9 23.4	June 19 14.0	Jan. 6 0.3	Feb. 12 -8.0	Strathallan	June 10 26.5	Aug. 31 15.7	Jan. 7 -0.2	Jan. 7 -10.9
Balmacara	June 4, 19 26.1	June 9 15.0	Feb. 14 1.1	Feb. 15 -6.7	Perth	June 10 27.2	Aug. 31 15.6	Jan. 6, (7) -0.6	Jan. 7 -12.2
Poolewe	June 8 25.6	June 9 17.2	Jan. 5, Feb. 5, 13, 14, 15, 16 Mar. 4 1.7	Feb. 16 -5.0	Blairgowrie	June 10 25.6	June 11 15.0	Jan. 7 -1.1	Jan. 8 -10.6
Rudh Re	June 8 23.4	June 9 16.8	Jan. 6 2.4	Feb. 16 -3.1	Kinross	June 10, Aug. 5 25.0	Aug. (4), 31 14.4	Jan. 7 -2.8	Jan. 7 -14.4
Inverpoll	June 4, 19 26.7	June 22 16.1	Feb. 14 0.6	Feb. 12 -7.8	Pitcreavie	June 21, Aug. 5 23.4	Aug. 6 15.1	Jan. 7 -2.1	Jan. 7 -8.6
Achnashellach	June 4, 10 27.2	June 20 16.7	Feb. 12 -2.8	Jan. 7 -11.1	Kirkcaldy	Aug. 28 22.8	Aug. 31 15.0	Jan. 6, 7 0.0	Jan. 6 -9.4
Kinlochewe	June 19 28.3	Aug. 2 16.1	Feb. 11, 16 0.0	Mar. 5 -10.0	Cupar	June 3, Aug. 5 24.4	Aug. 31 15.0	-	Jan. 7 -10.6
Strathconon	June 3, 10 27.2	Aug. 2 14.4	Feb. 12 -2.2	Feb. 12 -12.2	Leuchars	July 17 23.7	July 6, Aug. 31 14.9	Jan. 7 -1.8	Jan. 8 -9.2
Fortrose	June 4 23.3	Aug. 13 15.6	Feb. 15, 16 0.6	Feb. 12 -4.4	Livingston	June 3 25.6	Aug. 13 13.9	Jan. 6 -3.9	Jan. 7 -15.0
Tarbatness	Aug. 5 21.5	Aug. 5, 13 14.5	Feb. 15 0.0	Jan. 7 -5.5	Turnhouse	June 21 24.2	July 6 15.9	Jan. 7 -0.7	Jan. 7 -12.5
Benbecula	June 8 24.5	June 9 14.5	Jan. 5 0.4	Jan. 5 -6.4	Edinburgh E. Craigs	June 3, 21 22.8	Aug. 13 15.0	Jan. 6, 7 -0.6	Jan. 6, 7 -11.1
Isle of Rhum	June 8 26.1	June 9, Aug. 2, Sept. 23, 24 15.0	Jan. 5, Feb. 9, 16 2.2	Feb. 15 -6.7	Pentcuiik	Aug. 5 26.1	July 9 13.9	Jan. 6 -2.8	Jan. 7 -12.8
Prabost	June 14 25.0	June 4 16.1	Feb. 14 0.0	Feb. 6 -6.1	Bush House	Aug. 5 23.9	Aug. 13 13.9	Jan. 7 -1.7	Jan. 7 -11.7
Duntulm	June 8, Aug. 4 22.8	June 4 16.7	Feb. 15, 16 1.1	Feb. 6 -2.8	Edinburgh - Blackford Hill	June 21, Aug. 5 23.9	Aug. 31 15.0	Jan. 6 -1.1	Jan. 7 -6.7
Onich	June 8, 9, 10, Aug. 4 26.7	June 9 17.2	Jan. 5 0.6	Jan. 7 -9.4	Royal Bot. Gdn.	June 21 23.9	July 31 15.0	Jan. 6 -1.1	Jan. 7 -12.8
Fort William	June 9, 19 27.2	June 9, 10, 11, 20 16.1	Jan. 4 -1.1	Jan. 7 -11.7	Haddington	Aug. 5 25.6	Aug. 13 15.0	Jan. 6 -3.9	Jan. 7 -16.1
Corrach	June 10 28.3	Aug. 2 14.4	Jan. 4, Feb. 10 -0.6	Feb. 15 -11.1	Dunbar	June 21 23.9	July 31 15.0	Jan. 6 -1.7	Jan. 7, 8 -8.9
Fort Augustus	June 19 27.2	June 22, Aug. 2 15.6	Feb. 12 -3.3	Jan. 7 -10.0	Lauder	June 10 26.7	July 31 13.3	Jan. 6 -3.3	Jan. 8 -15.6
Inverness	Aug. 5 27.2	Aug. 2, (13) 15.6	Jan. 28 -0.6	Feb. 12 -7.2	Marchmont	June 10 26.1	June 11 14.4	Jan. 7 -1.1	Jan. 8 -10.0
Coire Cas Sheilng	Aug. 4 21.7	June 10 15.6	Mar. (3) (-5.6)	Feb. 15 -10.6	Whitchester	June 10 24.4	June 11, July 31, Aug. 31 12.8	Jan. 7 -1.7	Jan. 7 -8.9
Achnagoichan	June 3 26.1	June 22, Aug. 6, 13 13.3	Jan. 5 -2.8	Feb. 12 -15.0	St. Abb's Head	July 8 24.0	Aug. 29 14.5	Jan. 7 -0.8	Jan. 8 -6.4
Glenmore Lodge	June 8 26.0	June 22 14.1	Jan. 5 -3.0	Feb. 13 -13.9	Stanhope Farm	June 10 26.1	Aug. 1, 13, Sept. 8 13.9	Jan. 4, Feb. 10, Dec. 31 -1.1	Jan. 7 -13.9
1 SCOTLAND, E.					Blyth Bridge	June 10 26.1	June 8, Aug. 13, 31, Sept. 26 13.3	Jan. 6 -4.4	Jan. 7 -15.0
Nairn	July 8 26.7	Aug. 6, 13 13.9	Jan. 28 0.0	Feb. 12, 13 -8.3	West Linton	June 10 26.1	Aug. 31 13.3	Jan. 6 -3.9	Jan. 7 -21.1
Grantown-on-Spey	June 3, 19, Aug. 5 26.7	Aug. 6 13.9	Jan. 5, 12 -2.2	Feb. 15 -16.1	Glenfress	June 10 27.8	Aug. 13 14.4	Jan. 6 -3.3	Jan. 7 -17.8
Forres	July 8 26.7	Aug. 2, 5, 31 15.0	Jan. 5 -1.1	Feb. 12 -9.4	Bowhill	June 10 28.3	Aug. 4 14.4	Jan. 7 -1.7	Jan. 8 -12.8
Kinloss	July 8 27.0	Aug. 13 15.8	Jan. 2 -1.0	Feb. 12 -8.8	Galashiels	June 10 27.2	Aug. 13 13.9	Jan. 6 -2.2	Jan. 8 -13.3
Elgin	June 3 26.7	Aug. 3, 13 15.0	Jan. 5 -0.6	Jan. 6, Feb. 12, 15 -9.4	Wauchope	June 10 27.8	Aug. 1, 2 14.4	Jan. 7 -1.1	Jan. 7 -12.8
Lossiemouth	June 19 26.1	Aug. 13 (15.6)	Jan. 5, Feb. 17 0.6	Jan. 6 -11.1	Kelso	June 10 27.8	Aug. 4, 31 15.0	Jan. 6 -2.2	Jan. 8 -16.7
Gordon Castle	July 8 27.2	Aug. 3 15.0	Jan. 5 -1.1	Jan. 6, Feb. 12 -11.1	Sourhope	June 10 27.8	July 8 15.0	Jan. 6 -2.2	Jan. 3, 7, Feb. 6 -8.3
Banff	July 8 25.6	Aug. 4, 6 15.0	Jan. 5 0.0	Feb. 12, 13 -7.2	6a SCOTLAND, W.				
Braemar	June 9 24.4	Aug. 2 13.3	Jan. 5 -2.2	Feb. 15 -16.7	Tiree	June 10 23.1	Aug. 4 14.6	Jan. 5 2.8	Feb. 15 -3.8
Balmoral	June 3, 10, Aug. 5 25.0	Aug. 13, 31 13.9	Feb. 13 -1.7	Feb. 15 -13.9	Rhuvaal	Aug. 4 23.9	Aug. 4 16.9	Feb. 12, 13, Mar. 3 3.0	Jan. 7 -2.0
Dinnet	June 10, Aug. 5 26.1	Aug. 6 15.0	Jan. 17, Feb. 5, 13, 15 -0.6	Jan. 6, 7, Feb. 15 -11.1	Colonsay	June 9 24.4	Aug. 4 15.6	Feb. 12, 16 2.8	Feb. 13 -4.4
Gartly	June 10 26.1	Aug. 6 14.4	Feb. 12, 13, 14 -1.7	Feb. 12 -15.6	Aros	June 9, Aug. 6 26.7	Aug. 4 15.0	Feb. 14 -1.1	Feb. 15 -8.9
Inverurie S. Wks.	June 10, 20 25.6	Aug. 4, 13 14.4	Feb. 12 -0.6	Jan. 6 -13.9	Machranish	June 8 24.1	Aug. 4 15.2	Feb. 16 2.0	Feb. 15 -8.0
Fyvie Castle	Aug. 5 26.1	Aug. 4 14.4	Jan. 5 -1.1	Jan. 6 -15.6	Knapdale Forest	June 9 26.1	June 9 15.6	Feb. 10 -0.6	Jan. 7, Feb. 13 -7.8
Craibstone	June 10, 20, Aug. 5 23.9	Aug. 4, 31 13.9	Jan. 5, Feb. 14 -0.6	Jan. 6 -6.7	Glenbranter	June 10 26.7	Aug. 2 15.0	Dec. 31 -0.6	Jan. 7 -12.2
Dyce	June 20 24.6	Aug. 31 14.3	Jan. 5 0.0	Jan. 6 -11.9	Glen Etive	June 9 27.2	June 9, Aug. 4 17.2	Feb. 10 -1.1	Jan. 7 -11.7
Aberdeen	June 20 23.3	Aug. 31 14.4	Jan. 5, Feb. 14 0.0	Jan. 6 -8.9	Benmore Y. B. G.	June 10 27.2	Aug. 4 15.0	Jan. 7 -1.1	Jan. 7 -11.1
Fraserburgh	Aug. 5 23.4	Aug. 31 14.1	Feb. 17 0.5	Jan. 7, Feb. 16 -3.0	Kildonan	June 19 25.0	June 11 16.5	Feb. 12 2.5	Feb. 6 (-2.8)
Fettercairn	June 9, 10 23.9	Aug. 4, 6 14.4	Jan. 7 -1.1	Nov. 14 (-6.7)	Brodie Castle	June 9 26.7	June 11, 12, Aug. 7 14.4	Feb. 12 2.8	Feb. 15 -5.6
Strachan	June 10 25.6	Aug. 6 14.4	Jan. 5, Feb. 13 -0.6	Jan. 7, Feb. 15 -16.0	Rothsay	June 9 27.2	June 11 18.9	Jan. 7 1.1	Jan. 7 -3.9
Banchory	June 10 26.7	Aug. 4, 6, 31 15.0	Jan. 6, 7, Feb. 13 0.6	Jan. 7 -10.6	Sloy	June 10 25.0	Aug. 29 15.2	Jan. 7 -0.7	Jan. 7 -8.7
Mylnfield	Aug. 5 24.4	Aug. 31 15.6	Jan. 7 0.0	Jan. 7 -9.4	Cumbernauld	June 3 26.1	July 31, Aug. 4 13.9	Jan. 7 -3.3	Jan. 8 -11.7

TABLE V (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	
		°C		°C		°C		°C				°C		°C		°C		°C	
6a SCOTLAND, W. - contd.										2 ENGLAND, N.E. contd.									
Earl's Hill	June 10	23.5	Aug. 6	14.0	Feb. 13	-1.7	Feb. 15	-7.1		Ampleforth	June 11	26.1	July 8	18.3	Jan. 7	-0.6	Mar. 9	-7.8	
Falkirk S. Wks.	June 10	24.4	June 10, July 31	14.4	Jan. 7	-0.6	Jan. 7	-10.0		Pickering	June 10	26.9	Aug. 2	15.8	Jan. 7	-0.6	Jan. 7, 8	-11.7	
Greenock	June 10	26.1	June 10, 11, Aug. 3, 4, 6, 13	15.0	Jan. 7	-1.1	Jan. 7	-6.7		Scarborough	June 20, Aug. 30	25.0	Aug. 1	16.7	Jan. 3, 31, Feb. 17	1.7	Jan. 7, Feb. 15, 16, Mar. 9	-3.9	
Paisley	June 10	27.8	June 11, Aug. 3	15.0	Jan. 7	-1.7	Jan. 7	-10.6		Silpho Moor	July 8	25.6	July 8, Aug. 1	15.0	Feb. 16	-1.7	Jan. 7, Feb. 16, Mar. 9	-6.7	
Barthead	Aug. 5	26.7	Aug. 13, June 11, 22	15.0	Jan. 7	-1.1	Jan. 7	-15.0		Whitby Coast Guard	July 8	25.9	Aug. 1, 2	16.0	Feb. 15	0.5	Jan. 7	-7.0	
Abbotsinch	June 10	27.0	June 22, Aug. 13	15.2	Jan. 7	-3.3	Jan. 7	-17.4		High Mowthorpe	June 11	24.4	Aug. 1	15.6	Jan. 3, Feb. 15, Mar. 9	-1.1	Feb. 15	-8.4	
Crossmyloof	June 10, Aug. 5	26.7	June 11, 22	15.0	Jan. 7	-1.7	Jan. 7	-12.2		Hull	June 21	26.7	July 8	17.8	Jan. 6	1.1	Jan. 8	-7.8	
Glasgow	Aug. 5	26.1	June 11, Aug. 4, 6, 13, (30)	13.9	Jan. 7	-2.2	Jan. 7	-12.2		Filey	June 20, July 8, Aug. 30	23.9	Aug. 1	16.1	Feb. 15	-1.1	Feb. 15	-8.9	
Springburn	June 10	27.2	Aug. 13	14.4	Jan. 6	-3.3	Jan. 7	-13.9		Bridlington	July 8	25.0	Aug. 1	15.6	Feb. 15	-0.6	Feb. 16	-7.8	
Coatbridge	June 10	25.1	Aug. 6	14.6	Jan. 6	-1.7	Jan. 7	-8.0		Kilnsea	Aug. 12	24.2	Aug. 1	15.3	Feb. 13	0.4	Jan. 7	-5.5	
Salsburgh	June 10	25.6	June 9	14.4	Dec. 31	-4.4	Feb. 13	-12.8		Waddington	July 7	29.9	Aug. 1	16.4	Dec. 26	-0.5	Mar. 9	-7.1	
Leadhills	June 10	25.4	June 10	14.5	Feb. 10	-4.3	Feb. 13	-16.5		Lincoln	July 7	30.0	July 8	17.8	Dec. 25	0.6	Mar. 9	-12.2	
Crawfordjohn	June 10	27.8	Aug. 1	14.4	Jan. 4	-1.1	-	-		Cranwell	July 7	29.8	Aug. 1	16.3	Dec. 26	-0.1	Jan. 8	-8.0	
Lanark	June 10	27.8	Aug. 1	14.4	Jan. 4	-1.1	-	-		Brigg	July 7	26.7	July 8, Aug. 1	16.7	Jan. 7, Dec. 31	0.6	Mar. 8	-11.1	
Carnwath	June 10	28.3	Aug. 13, 31, Sept. 26	13.3	Jan. 6	-5.6	Jan. 7	-21.1		Binbrook	July 7	27.1	July 8	17.4	Jan. 7, Dec. 31	-0.4	Mar. 8	-7.7	
Camps Reservoir	June 10	26.1	June 9	13.9	Feb. 10	-3.9	Feb. 11, 12	-17.8		Cleethorpes	June 22	27.2	Aug. 1	16.7	Jan. 5, Mar. 7	1.1	Mar. 8	-5.6	
Girvan	June 8	26.1	Aug. 2	16.7	Jan. 7, Dec. 31	1.7	Feb. 13	-6.7		Manby	June 20, 21	26.8	Aug. 10	15.4	Dec. 31	0.5	Mar. 8	-8.8	
Hunterston	June 9	26.1	Aug. 3	15.0	Jan. 7	1.7	Jan. 7	-3.9		Skegness	June 20, 22, Aug. 30	26.7	July 8	16.7	-	-	Jan. 7	-6.7	
Barr	June 11	30.6	Aug. 4	14.4	Feb. 16	0.0	Jan. 7	-14.4											
Auchincruive	June 9, 10, 19	26.1	Aug. 3	15.0	Jan. 6	-0.6	Jan. 7	-10.0		3 ENGLAND, E.									
Prestwick	June 19	27.0	July 6	15.4	Jan. 6	-0.1	Jan. 7	-11.0		Terrington St. Cl.	July 7	29.4	July 8	15.6	Mar. 9, Dec. 26	0.0	Jan. 7	-8.9	
Kilmarnock	June 9, 19	27.8	June 22, Aug. 3	15.0	Jan. 6	-2.2	Jan. 6	-10.0		Marham	July 7	30.6	July 8	16.0	Jan. 7	-0.5	Jan. 7	-12.1	
Dumfries	June 10	28.3	June 11	15.6	Jan. 6, 7	0.0	Jan. 7, (8)	-11.7		Santon Downham	July 7	31.1	July 28	15.6	Jan. 5, Dec. 26	0.0	Jan. 7	-12.2	
Eskdalemuir	June 10	27.0	June 11	14.0	Jan. 7	5.4	Jan. 7	-15.7		East Dereham	July 7	30.0	July 28	15.2	Jan. 5	0.9	Jan. 8	-10.1	
Bargrennan	June 9, 10	27.2	June 9, 11	16.1	Jan. 5, 7	0.6	Jan. 7	-10.6		Morley St. Botolph	July 7	29.4	Sept. 8	16.1	Jan. 4, 5, 7, Dec. 26	0.6	Jan. 7	-10.6	
Palnure	June 9	26.7	June (8), 10, 11, Aug. 4	15.6	Jan. 7	1.1	Jan. 7, 8	-8.9											
Clatteringshaws	June 9	26.1	July 31, Aug. 1, 4, 13	13.3	Jan. 7	-1.1	Jan. 7	-12.8		Gromer	June 23, July 8	26.1	-	-	Feb. 17, Mar. 6	0.6	-	-	
Glenlee	June 9	28.9	June 9, July 31, Aug. 1, 13, 23, 31	13.9	Jan. 7	-2.2	Jan. 7	-15.6		Coltishall	June 27, July 7	28.7	July 28	15.8	Dec. 26	0.4	Jan. 8	-9.4	
Dundeugh	June 19	29.4	Aug. 1	13.9	Jan. 7	-1.7	Jan. 7	-16.7		Burlingham	July 7	27.8	July 28	16.1	Dec. 26	0.6	Jan. 8	-6.1	
St. Mary's Isle	June 9	28.3	June 10, 11, Aug. 4	15.0	Jan. 6, (7)	0.6	Jan. 7	-11.1		Gorleston	July 12	25.5	July 28	17.4	Jan. 3	1.3	Jan. 5	-5.0	
Glenloch Barrage	June 9, 10	28.3	Aug. 4	15.6	Jan. 7	0.0	Jan. 7	-16.1		Broom's Barn	July 7	29.4	July 8	16.1	Dec. 26	-1.1	Jan. 7, Mar. 8	-6.7	
Threave	June 9, 10	28.3	Aug. 4	15.0	Jan. 6	-1.1	Jan. 7	-12.8		Honington	July 7	29.2	July 28, Sept. 8	16.9	Dec. 26	-0.7	Jan. 7	-9.0	
Penwhirn	June 9	26.1	June 9	15.0	Jan. 7	0.0	Jan. 7	-9.4		East Bergholt	July 7	29.4	July 28, Aug. 6	16.7	Dec. 26	-0.6	Jan. 7	-8.6	
Mull of Galloway	June 9	25.5	June 11	15.5	Feb. 12, Dec. 30	2.5	Jan. 7, Feb. 6	-2.5		Wattisham	June 10	27.9	Sept. 8	16.8	Dec. 26	-1.1	Mar. 8	-8.6	
Newton Stewart	June 9	27.8	-	-	Jan. 5	1.1	Jan. 7	-10.6		Lowestoft	July 13	27.2	July 8	16.7	Dec. 26	0.6	Jan. 4, Feb. 15, 17	-5.0	
6b ISLE OF MAN										Boxworth	July 7	30.6	July 8	15.9	Mar. 4, Dec. 26	0.0	Mar. 9	-8.3	
Ronaldsway	June 9	25.4	Aug. 4	16.7	Feb. 15, Dec. 30	3.2	Feb. 6	-4.7		Mepal	June 11	30.0	July 9	15.6	Mar. 4	0.6	Jan. 7	-9.4	
Douglas	June 9	26.1	June 10	17.2	Feb. 12	2.2	Jan. 7, Feb. 6	-3.9		Cambridge B.G.	July 7	30.6	July 8	16.7	-	-	Jan. 7, Mar. 9	-10.0	
Point of Ayre	June 19	22.8	July 6	15.4	Feb. 13	3.2	Jan. 7	-5.0		Cambridge N.J.A.B.	July 7	29.4	July 8	16.7	Dec. 26	0.0	Mar. 9	-9.4	
2 ENGLAND, N.E.										Monks Wood	July 7	30.0	Sept. 8	15.6	Mar. 4, Dec. 26	0.0	Mar. 9	-9.4	
Kielder Castle	June 10	26.7	Aug. 1, 31	13.9	Jan. 7	-1.7	Jan. 7	-15.0		Wyton	July 7	30.8	July 7, 8	16.1	Dec. 27	-0.4	Mar. 9	-8.5	
Haydon Bridge	June 10	27.8	Aug. 2, 31	15.0	Jan. 6	-1.1	Jan. 7	-12.8		Woburn	July 7	30.6	Aug. 6	15.6	Feb. 12	0.0	Mar. 9	-13.9	
Corbridge	June 10	26.7	July 6	16.1	Jan. 6	0.0	Jan. 7	-14.4		Silsoe	July 7	31.1	July 28	16.1	Dec. 26	-0.6	Mar. 9	-13.3	
Berwick-on-Tweed	-	-	July 31, Aug. 31	15.0	Jan. 7	0.6	Jan. 8	-10.6		Cardington	July 7	31.0	Aug. 7	15.8	Jan. 6	-5.0	Mar. 9	-12.6	
Acklington	July 8	27.8	July 6	15.2	Jan. 7	-3.5	Jan. 8	-13.4		Luton	July 7	31.1	-	-	Dec. 26	-0.7	Mar. 9	(-8.0)	
Tynemouth	July 8	26.7	Aug. 31	16.6	Jan. 7	-0.5	Jan. 8	-5.4		Aldenham School	July 7	32.2	July 8, Aug. 6	16.1	Jan. 5	0.0	Jan. 7	-9.4	
Seahouses	June 20	25.0	Aug. 31	15.0	Jan. 6	-1.0	Jan. 7, 8	-7.5		Garston	July 7	31.1	Aug. 6	16.4	Jan. 5	0.3	Mar. 8, 9	-9.0	
Chopwellwood	July 8	26.1	Aug. 2	15.6	Jan. 6	-1.7	Jan. 7	-8.3		Rothamsted	July 7	30.6	Aug. 6	16.1	Jan. 5, Feb. 12, Mar. 4, Dec. 26, 27	0.0	Mar. 8, 9	-10.0	
Durham	June 10, July 8	25.6	Aug. 2, 31	15.6	Jan. 6	-0.6	Jan. 7	-10.6		St. Albans	July 7	31.1	July 8, Aug. 6	16.1	Dec. 26	-0.6	Mar. 8	-10.6	
Hartburn Grange	July 8	27.1	Aug. 31	15.7	Jan. 7	0.2	Jan. 7	-13.6		Letchworth	July 7	31.7	July 8	16.7	Dec. 26	0.0	Mar. 9	-11.1	
Hartlepool	July 8	26.1	Aug. 31	16.7	Dec. 31	0.6	Jan. 7	-7.2		Stanstead Abbots	July 7	30.6	Aug. 6	16.7	Jan. 5, Mar. 4	0.6	-	-	
Leeming	July 7	27.3	July 8	16.0	Jan. 7	-5.6	Jan. 7	-15.0		Hoddesdon	July 7	31.1	Aug. 6	16.7	Jan. 6	0.0	Mar. 9	-8.9	
Marton	July 8	27.2	July 8, Aug. 2	16.7	Jan. 6, 7, Dec. 31	0.0	Jan. 7	-10.0		Eastwick Lodge	June 10	28.3	Aug. 6	16.1	Dec. 26	-0.6	Mar. 10	-11.1	
York (Heslington)	June 10	28.3	July 8	16.7	Jan. 3, 6, 7, Dec. 31	0.6	Jan. 7, 8	-12.2		Harlow	July 7	30.6	July 8, Aug. 6	16.1	Mar. 4	0.0	Jan. 7, Mar. 8	-8.3	
										Stansted	July 7	29.7	July 8	16.7	Dec. 27	-1.0	Mar. 8	-11.0	
										Writtle	July 7	30.0	July 28, Aug. 6	16.1	Feb. 15	-0.6	Mar. 9	-11.1	

TABLE V (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		
		°C		°C		°C		°C				°C		°C		°C		°C		
3 ENGLAND, E. - contd.										4 MIDLAND COUNTIES - contd.										
Southend	July 7	28.9	July 8	17.8	Mar. 4	0.6	Mar. 7	-5.6		Shawbury	July 7	30.2	Sept. 8	15.8	Jan. 7	-3.3	Jan. 7	-12.9		
Maldon	June 10	31.7	July 8, 28, Aug. 6	17.2	Dec. 26	0.0	Mar. 8	-7.2		Clee Hill	July 7	26.3	June 10	15.6	Jan. 8	-4.0	Mar. 3	-6.8		
Earls Colne	June 10	29.4	July 8, 28, Aug. 6	16.1	Dec. 26	-0.6	Mar. 8	-11.1		Newport	July 7	30.0	July 8	16.7	Jan. 7	-0.6	Mar. 5	-14.4		
Shoeburyness	July 13	26.8	July 28	17.3	Dec. 26	0.6	Mar. 8	-5.0		Malvern	July 7	31.1	June 11	16.7	Jan. 7	0.0	Jan. 5, 6, 7, 8	-6.7		
Clacton-on-Sea	July 12	27.2	July 8, Aug. 6	17.8	Dec. 26	0.6	Mar. 8	-5.0		Pershore Coll. of Hort.	July 7	30.0	July 8	16.1	Dec. 27	0.0	Jan. 7, 8	-8.9		
Walton-on-Naze	July 13	27.3	Aug. 6	17.5	Jan. 5	1.1	Jan. 7	-5.2		Ipsley Sewage Works	July 7	30.6	July 8	16.7	-	-	Jan. 7, Feb. 15	-11.1		
Dovercourt	July 13	26.7	Aug. 6	17.2	Jan. 5	0.6	-	-		Lyonshall	July 7	29.4	Aug. 4	16.1	Jan. 7	-1.1	Jan. 7, Feb. 15	-8.3		
4 MIDLAND COUNTIES											Ross-on-Wye	July 7	30.9	July 8	16.4	Dec. 27	-0.6	Jan. 7	-7.7	
Sladburn	July 7	27.2	July 8	16.1	Jan. 7	-1.1	Jan. 7	-12.8		Preston Wynne	July 7	30.0	Aug. 6, 10	15.6	Jan. 7, Feb. 12, 13	0.6	Feb. 15	-9.4		
Malham Tarn	June 10	25.6	June 9, 10	15.0	Jan. 3	-2.8	Jan. 7	-8.9		Filton	July 7	31.4	Aug. 4	17.0	Dec. 27	-1.3	Jan. 5, 7	-7.9		
Huddersfield	July 7	30.0	July 8	16.1	Jan. 7	0.0	Jan. 7	-10.0		Hempsted	July 7	31.7	July 8, Aug. 1, 4, 6	16.1	Dec. 27	-1.1	Jan. 4, 7, 8	-7.8		
Huddersfield Oakes	July 7	28.6	July 8	16.4	Jan. 8	-0.9	Jan. 7	-7.0		Gloucester	July 7	31.6	July 8, Aug. 1	16.6	Dec. 27	-0.7	Jan. 7	-6.7		
Bradford	July 7	27.8	July 8	16.1	Jan. 7	-1.1	Jan. 7	-10.0		Cheltenham	July 7	31.1	July 8	16.7	Dec. 27	-1.1	Jan. 7, Feb. 15	-7.2		
Ilkley	June 10	28.9	July 8, Aug. 31	15.6						Cirencester	July 7	30.0	June 11, Aug. 4, 6	15.6	-	-	-	-		
Sheffield	July 7	30.6	July 8	18.9	Dec. 31	-0.6	Mar. 9	-6.1		Little Rissington	July 7	29.8	June 11	16.3	Dec. 27	-2.1	Feb. 14	-6.1		
Pontefract	July 7	27.8	July 8	17.2	Jan. 7	0.0	Jan. 7	-6.7		5 ENGLAND, S.E.										
Bramham	June 10	27.2	July 8	15.6	Jan. 6, 7, 8	0.6	Jan. 8	-12.2		Kensington Palace	July 7	30.6	July 8, Aug. 5, 6	16.7	Jan. 5, Feb. 12, Mar. 4, Dec. 26, 27	1.1	Jan. 4, 5	-6.1		
Cawood	June 10	27.8	July 8	17.2	Jan. 7	0.0	Jan. 7	-13.3		Hampstead	July 7	30.6	July 7	16.8	Dec. 26	-0.2	Jan. 5	-6.0		
Askham Bryan	June 10	27.8	July 8	17.2	Jan. 7	-0.6	Jan. 7	-10.0		St. James's Park	July 7	31.7	July 7, Aug. 4, 5, 6	17.2	Jan. 4, 5, Feb. 12, Mar. 4, Dec. 25, 26, 27	1.7	Jan. 4, 5, 6, 7, 8	-3.9		
Buxton	July 7	27.2	July 8	15.6	Jan. 6, 7	-1.7	Jan. 8	-12.8		Greenwich	July 7	31.1	Aug. 5, 6	17.2	Dec. 27, 28, 31	-1.7	Jan. 7	-5.6		
Ashover	July 7	28.9	July 8	17.8	Dec. 24, 26	0.0	Jan. 7, 8	-7.8		Heathrow	July 7	31.5	Aug. 6	17.5	Dec. 27	-0.2	Jan. 5	-6.5		
Derby	July 7	30.6	July 8	17.8	Jan. 7	0.6	Jan. 7, 8	-10.6		Hampton	July 7	30.6	Aug. 5	17.2	Dec. 27	0.6	Jan. 4, 5	-5.6		
Morley	July 7	30.0	June 11	15.6	Jan. 7	0.0	Jan. 7, 8	-10.0		Southgate	July 7	31.1	July 5, Aug. 6, Sept. 8	16.1	Dec. 27	0.6	Jan. 7, Mar. 8, 9	-5.6		
Wingerworth	July 7	28.9	July 8	17.8	Dec. 24	-0.6	Jan. 7	-12.2		Kew *	July 7	31.1	July 28, Aug. 5	17.0	Dec. 27	0.1	Jan. 5	-9.2		
Sutton Bonington	July 7	30.6	July 8	16.1	Jan. 7, Mar. 4, Dec. 24, 26	0.6	Jan. 7	-10.6		Kew **	July 7	31.0	Aug. 6	17.6	Dec. 27	0.1	Jan. 5	-5.4		
Watnall	July 7	31.8	July 8	17.1	Jan. 8	0.0	Jan. 7	-9.1		Waddon	July 7	30.6	July 8, 28, Aug. 4, 5	16.7	-	-	Jan. 5	-7.2		
Nottingham	July 7	30.6	Aug. 1	17.2	Jan. 7, Dec. 26	0.6	Jan. 7	-7.2		Addington	July 7	29.4	July 7	17.2	Feb. 12, Dec. 25, 26, 27	0.0	Jan. 5, 6	-6.1		
Warsop	July 7	30.0	Aug. 1	15.6	Dec. 24	0.0	Jan. 7	-12.8		Bromley	-	-	July 8	16.7	-	-	Jan. 5, 7	-8.3		
Finningley	July 7	31.3	July 8	17.2	Dec. 24, 27	0.9	Jan. 7	-7.9		Gatwick	June 10, July 7	29.6	Aug. 5	16.8	Dec. 27	-0.1	Jan. 4	-9.1		
Newtown Linford	July 7	30.0	July 8	16.1	Jan. 5, Dec. 24, 26	0.0	Jan. 7, 8	-10.0		Witley	July 7	30.6	July 28, Aug. 5	16.7	Dec. 26	0.6	Jan. 5, 7	-6.7		
Caldecott	July 7	31.1	Aug. 1	18.3	Jan. 7, Dec. 26	0.0	Jan. 7	-12.8		Mickleham	July 7	29.4	July 28, Aug. 5	16.1	Dec. 26	0.0	Jan. 5	-8.4		
Bugbrooke Mills	July 7	31.1	Aug. 6	15.6	Jan. 5, Feb. 12	0.6	Mar. 8, 9	-12.8		Hadlow College	July 7	29.4	Aug. 5	17.2	Dec. 26	-1.1	Jan. 7, Mar. 8	-8.3		
Raunds	July 7	31.7	July 8	16.1	Mar. 4, Dec. 26	0.0	Mar. 9	-12.8		Gillingham	July 7	31.1	July 8	17.8	Dec. 31	0.6	Mar. 9	-6.7		
Wittering	July 7	30.9	July 8	16.0	Dec. 27	-0.3	Jan. 7	-8.6		Peckham	July 7	28.9	Aug. 5	17.0	Dec. 26	-1.3	Mar. 7	-9.7		
Birmingham K.E.S.	July 7	30.0	July 8	17.2	-	-	Jan. 7, 8, Mar. 9	-7.2		Dungeness	June 9	25.6	Aug. 5	17.0	Mar. 3	-0.8	Jan. 4	-6.6		
Edgbaston	July 7	30.2	July 8	17.5	Dec. 27	-0.5	Jan. 7, Feb. 15	-4.7		Whitstable	July 7	30.0	July 8	18.9	Dec. 26	0.0	Mar. 9	-6.7		
Luddington	July 7	31.1	July 8	16.1	Jan. 5	-0.6	Feb. 15	-9.4		Folkestone	July 7	26.7	Aug. 5	18.3	Dec. 26	-0.6	Mar. 6	-4.4		
Stratford	July 7	32.2	June 11	16.1	Feb. 14	-0.6	Jan. 7	-10.0		Elmstone	July 7	28.3	Aug. 5, Sept. 8	16.7	Dec. 26	-0.6	Mar. 9	-9.4		
Shipston-on-Stour	July 7	31.1	June 11	15.6	Dec. 27	-0.6	Jan. 5	-8.9		Herne Bay	July 7	29.4	July 8	18.3	Jan. 4, Dec. 26	0.6	Mar. 9	-5.6		
Elmdon	July 7	31.3	July 8	16.4	Dec. 27	-0.2	Jan. 7	-11.8		Dover	June 9	27.2	Aug. 5	18.3	-	-	-	-		
Wellesbourne	July 7	31.1	July 8	16.1	Feb. 15, Mar. 4	0.6	Jan. 7	-9.4		Deal	Aug. 13	26.4	Aug. 5	17.2	Jan. 5	0.2	Mar. 9	-6.5		
Coventry	July 7	30.0	July 8	16.7	Jan. 7	-0.6	Jan. 7	-8.3		Manston	July 7	28.0	July 8	17.7	Dec. 26	-0.2	Mar. 8, 9	-6.0		
Moreton Morrell	July 7	31.1	July 7, 8	16.1	Dec. 25, 27	-0.6	Jan. 7, Feb. 15	-8.3		Margate	July 7	26.7	July 8	18.9	Dec. 26	0.0	Mar. 7	-3.3		
Rugby	July 7	31.1	July 8	16.1	Jan. 7, Mar. 4	0.0	Jan. 7	-10.6		Goudhurst	July 7	31.1	July 8	16.7	Dec. 26	-1.1	Jan. 4	-8.9		
Brize Norton	July 7	30.8	July 8, Aug. 6	15.9	Dec. 27	-0.9	Jan. 7	-10.5		East Malling	July 7	30.0	Aug. 5	17.8	Dec. 26	-1.1	Mar. 8	-8.3		
Oxford	July 7	31.1	July 8	16.7	Dec. 27	-0.6	Jan. 5, 7	-6.7		Throwley	July 7	28.3	July 8	(16.7)	Dec. 26	-1.7	Feb. 15, Mar. 8	-6.7		
Shirburn M.F.	July 7	31.1	July 28	16.1	Dec. 27	-0.6	Feb. 14	-9.4		Faversham	July 7	29.4	July 8	17.2	Dec. 26	-1.1	Mar. 9	-8.9		
Medmenham	July 7	30.6	July 28	16.7	Jan. 5	1.1	Jan. 7	-10.6		Wye	July 7	28.3	July 8	17.2	Mar. 5	0.0	Mar. 10	-11.1		
Grendon Underwood	July 7	31.1	Aug. 6	15.6	Jan. 5, Dec. 27	0.6	Jan. 7	-12.8		Thorney Island	Aug. 4	27.8	Aug. 5	17.5	Dec. 27	-0.2	Jan. 7	-6.2		
Aylesbury	July 7	30.6	July 28	16.1	Mar. 4, Dec. 25, 26, 27, 31	0.6	Jan. 7, Feb. 15	-10.0		Rogate	July 7	28.4	July 28	15.6	Dec. 27	-0.4	Mar. 5	-8.0		
Keele	July 7	28.9	July 8	16.7	Jan. 7	-1.1	Jan. 7	-10.6		Bognor Regis	June 6, Aug. 3, 4	24.4	Aug. 5	17.2	Dec. 27	0.6	Jan. 5	-5.0		
Oaken	July 7	30.6	July 8	16.7	Jan. 7	-0.6	Jan. 7, 8	-12.8		Fernhurst	June 10	29.0	Aug. 5	17.2	Dec. 27	0.7	Feb. 15	-8.3		
Stone	July 7	29.4	July 8	16.7	Jan. 7	-0.6	Mar. 9	-13.8		Littlehampton	Aug. 4	26.1	Aug. 5	17.2	Dec. 27	0.6	Jan. 5, 6	-5.6		
Penkridge	July 7	30.6	July 8	17.2	Jan. 7	-0.6	Jan. 8, Mar. 9, 10	-13.3												
Oswestry	July 7	29.4	June 9, 10, 11	15.6	Feb. 14	-0.6	Feb. 15, Mar. 9	-6.1												
Shrewsbury	July 7	31.1	July 8	17.2	Jan. 7, Feb. 15	0.6	Jan. 7, 8	-11.1												

* Psychrometer

** N.W.S.

TABLE V (continued)

DISTRICT AND PLACE	Highest Maximum and date		Highest Minimum and date		Lowest Maximum and date		Lowest Minimum and date	
		°C		°C		°C		°C
5 ENGLAND, S.E. - contd.								
Rustington	June 10, Aug. 4	26.7	Aug. 5	16.7	Dec. 27	0.0	Jan. 4	-7.2
North Heath	Aug. 3, 4	28.9	Aug. 5	16.7	Dec. 27	0.6	Jan. 5	-5.0
Worthing	June 9, 10, Aug. 4	25.6	Aug. 5	18.3	Dec. 27	1.1	Jan. 5, 6, Dec. 27	-3.9
Brighton	Aug. 4	25.6	July 7	18.3	Dec. 25, 26, 27	0.6	Jan. 5, 6	-6.1
Plumpton	July 7	28.3	Aug. 4, 5, Sept. 29	16.1	Dec. 24, 25, (27)	0.6	Jan. 5, 6	-6.1
Wakehurst Place	June 10	28.3	July 7, Aug. 5	16.1	Feb. 13, 14	-1.1	Jan. 5	-6.7
Eastbourne	June 9	25.6	Aug. 5	17.8	Dec. 26	0.0	Jan. 5, Mar. 8, 10 Dec. 27	-3.3
Eastbourne C. G.	June 9	26.4	Aug. 5	17.5	Dec. 27	-0.5	Jan. 5	-6.9
Bexhill	June 8, 18, July 7	25.6	Aug. 5	17.8	Dec. 24	1.1	Jan. 5, 6	-5.6
Bodiam	July 7	28.3	July 8, 28	16.7	Dec. 25	0.0	Jan. 4	-7.8
Hastings	June 8	26.7	Aug. 5	17.2	Dec. 26	-0.6	Jan. 5	-3.9
Letcombe Regis	July 7	30.6	Aug. 8	15.6	-	-	-	-
Abingdon	June 10	29.1	July 8	16.2	Dec. 27	-0.9	Jan. 7	-9.6
Wallingford	July 7	30.6	July 6, 28, Aug. 6	15.6	Dec. 27	-0.6	Jan. 7	-9.4
Shinfield	July 7	30.0	June 23	16.7	Jan. 7, Dec. 26	0.6	Jan. 7	-7.8
Reading	July 7	30.6	July 28	16.7	Dec. 27	0.6	Jan. 7	-7.8
Finchampstead	July 7	29.4	July 28	16.1	Dec. 26, 27	0.0	Jan. 7, 8	-8.9
Hurley	July 7	31.1	July 28	16.7	Jan. 5	0.6	Jan. 7, 8	-8.9
Bracknell	July 7	30.9	July 28	16.6	Dec. 27	0.3	Jan. 7	-6.9
Bournemouth	June 10	26.7	Aug. 4, 5	17.2	Dec. 27	-1.1	Jan. 5, 7	-5.0
Hurn	June 10	28.2	Aug. 5	16.6	Dec. 27	-1.1	Jan. 7	-9.6
Christchurch	June 10	26.7	Aug. 5	17.2	-	-	Jan. 7	-6.1
Everton	Aug. 2, 3	27.8	Aug. 5	17.2	Dec. 27	-0.6	Jan. 7	-5.6
Southampton	June 10	29.6	Aug. 5	17.8	Dec. 27	-0.4	Jan. 5	-5.5
Leckford	June 10, July 7	28.9	Aug. 5	15.6	Dec. 27	-0.6	Feb. 15	-6.7
Winchester	June 10	29.4	June 11, Aug. 5	16.7	Dec. 27	-0.6	Jan. 7	-6.7
Martyr Worthy	June 9, 10, July 7	28.9	June 28	17.2	Feb. 12, Dec. 25, 25, 27, 31	0.6	Feb. 15	-10.6
Southsea	June 10	27.2	Aug. 5	18.9	Dec. 27	0.6	Jan. 7	-6.1
Hayling Island	June 6, 9, 10	24.4	Aug. 5	17.8	Dec. 27	0.0	Jan. 5	-5.0
Long Sutton	June 10, 11	30.0	Aug. 5	15.0	Dec. 26, 27	-0.6	Feb. 14	-7.8
Alice Holt Lodge	July 7	29.4	June 9	20.0	Dec. 27	-0.6	Feb. 15	-8.9
S. Farnborough	July 7	30.3	Aug. 5	16.6	Dec. 27	0.4	Jan. 4	-9.3
St. Catherine's Point	-	-	Aug. 3, 5	17.0	Dec. 27	0.0	Jan. 5, 6	-5.0
Ventnor	June 9	24.4	Aug. 3	18.3	Dec. 27	0.6	Jan. 5	-4.4
Shanklin	June 10	27.2	Aug. 5	17.8	Dec. 27	0.0	Jan. 4, 5	-5.0
Ryde	June 10	28.3	Aug. 5	18.3	Dec. 27	0.6	Jan. 7	-3.9
Lacock	July 7	29.4	July 8	15.0	Feb. 14	-0.5	Jan. 7	-11.7
Lyneham	July 7	30.3	Aug. 3	15.4	Dec. 27	-1.9	Jan. 7	-7.0
Larkhill	July 7	29.4	July 28	15.7	Dec. 27	-1.6	Jan. 7	-7.5
Boscombe Down	July 7	28.7	Aug. 5	16.4	Dec. 27	-1.4	Jan. 4	-7.0
Upavon	July 7	29.8	Aug. 3	16.5	Dec. 27	-2.5	Feb. 14	-6.8
Porton	July 7	29.1	Aug. 5	15.8	Dec. 27	-1.2	Jan. 7	-9.4
7a ENGLAND, N.W.								
Sellafield	June 9	28.3	-	-	Jan. 5	-0.5	-	-
Carlisle	June 10	28.4	July 6	15.8	Jan. 7	-2.0	Jan. 7	-13.0
Newton Rigg	June 10	27.8	July 8	16.1	Jan. 6	-2.8	Jan. 7	-16.7
Spadeadam	June 10	26.1	June 11	13.9	Jan. 3, 6	-1.7	Jan. 7	-11.1
Ambleside	June 9, 10	30.0	July 8	16.7	Jan. 7	-0.5	Jan. 7	-15.6
Great Dun Fell	July 7	27.6	July 6	15.0	Feb. 13	-7.3	Feb. 16	-10.8
Moor House	June 10	23.3	July 8	16.1	Jan. 6	-5.0	Feb. 12	-15.0
Squires Gate	June 9	28.7	Sept. 8	16.0	Jan. 7	0.2	Jan. 5	-9.2
Aigburth	June 10, July 7	28.5	July 8	16.7	Jan. 7	0.7	Jan. 7	-6.6
Southport	June 10, July 7	28.3	Sept. 8	15.6	Jan. 7, Feb. 12	0.0	Jan. 5, 6	-8.3
Cartmel	June 10	28.9	June 11	18.3	Jan. 7	0.0	Jan. 7	-12.2
Speke	June 10	29.8	Aug. 31, Sept. 8	16.1	Jan. 7	0.2	Jan. 7	-7.8
Kirkham	June 10	29.4	July 8, Sept. 8	15.6	Jan. 7	0.0	Jan. 7	-10.6
Bailrigg	June 9	27.6	July 8	16.4	Jan. 3	0.8	Jan. 7	-9.7
Morecambe	June 9	29.4	June 11	17.8	Jan. 6, 7	0.6	Jan. 7	-7.2
Preston	June 10	28.9	July 8	16.7	Jan. 7	0.0	Jan. 7	-11.1
7b NORTH WALES								
Rhyl	June 8, 10	26.7	Aug. 4	17.2	Jan. 7	2.2	Jan. 5	-6.1
Prestatyn	June 10	27.8	July 8, Aug. 3, 4, 5	16.1	Jan. 3, Feb. 13	2.8	Jan. 7, 8	-5.0
Hawarden Bridge	June 10	28.9	Aug. 31	16.7	Jan. 7	0.0	Jan. 5, 7	-6.7
Valley	July 7, Aug. 3	26.1	Aug. 6	16.5	Dec. 27	2.6	Jan. 7	-4.1
Alwen	June 9, July 7	26.1	July 8, Aug. 6	13.9	Jan. 7	-1.1	Jan. 7	-16.7
Ruthin	July 7	28.3	Aug. 4	16.7	Jan. 7	0.0	Jan. 7, 18	-9.4
Loggerheads	July 7	28.3	July 6, 8, Aug. 13	14.4	Mar. 4	-0.6	Jan. 7	-12.8
Bwlchgwyn	July 7	26.1	June 10	15.6	Jan. 3, Feb. 13, 14, Mar. 4	-1.1	Mar. 9	-7.2
Wrexham	July 7	29.4	July 8	16.7	Jan. 7	-0.2	Jan. 7	-7.1
Bardsey Island	Aug. 4	23.0	Aug. 31	16.2	Jan. 31, Dec. 27	2.5	Dec. 27	-1.0
Botwnnog	June 7	26.7	Aug. 6	16.7	Jan. 3	2.2	Jan. 4	-4.4
Pen-y-Ffridd	-	-	Aug. 6	16.1	Feb. 5	0.6	Jan. 7	-5.0
Trawsfynydd	July 7	27.8	June 10, Aug. 6	16.1	Jan. 3	0.6	Jan. 7, Mar. 9	-5.0
Corwen	July 7	28.9	Aug. 6	15.0	Jan. 3, 7	0.6	Jan. 7	-15.6
Cefnws	July 7	29.4	Aug. 6	15.6	Jan. 4	-0.6	Jan. 5	-9.4
Moel Cynnedd	July 7	27.1	Aug. 6	13.8	Jan. 7	-0.9	Jan. 7	-12.1
Lake Vyrnwy	July 7	26.7	Aug. 4	15.0	Jan. 7	-1.1	Jan. 7	-9.4
8a SOUTH WALES								
Aberporth	Aug. 3	25.2	Aug. 3	16.2	Dec. 27	0.3	Jan. 4	-2.8
Gogerddan	Aug. 3	27.2	Aug. 5, 6	16.1	Mar. 7, Dec. 27	2.2	Jan. 5	-6.7
Swyddffynnon	July 7	28.3	Aug. 3, 6	16.1	Feb. 12	1.1	Jan. 5, Dec. 31	-7.8
Trawscoed	July 7	28.3	Aug. 23, 30, 31	16.1	Jan. 4	-0.6	-	-
Llety-eyan-then	July 7	26.1	Aug. 3	17.8	Feb. 12, 13	0.0	Jan. 1	-5.0
Cwmystwyth	-	-	Aug. 6	14.4	-	-	Jan. 7	-10.0
Dale Fort	June 10	26.1	Aug. 3, 6, Sept. 2	15.6	Dec. 27	1.7	Dec. 28	-2.8
Milford Haven C.B.	June 7	26.5	Aug. 5	16.8	Dec. 27	-0.5	Dec. 27, 28	-3.5
Orleton	June 7	26.1	Sept. 22	15.6	Dec. 27	-0.6	Jan. 4	-5.0
Haverfordwest	June 7, July 7	26.1	Aug. 5	15.6	Dec. 27	0.6	Jan. 4, 5, 7	-7.8
Carmarthen	July 7	27.8	Aug. 5	16.1	Dec. 27	1.1	Dec. 31	-7.2
Brynamman	July 7	28.0	Aug. 3	16.8	Dec. 27	-1.2	Jan. 5	-5.9
Cenarth Mill	July 7	27.0	Aug. 6, 31	14.0	Dec. 27	-1.9	Jan. 7	11.4
Llandrindod Wells	July 7	28.9	Aug. 6	15.6	Jan. 7	-1.1	Jan. 7	-11.1
Llwynon	July 7	27.2	Aug. 4	15.6	Feb. 12	0.0	Jan. 9	-11.1
Mumbles	June 8	25.2	Aug. 3	18.0	Dec. 27	0.1	Feb. 14	-3.0
Penmaen	July 7	27.2	Aug. 3	17.8	Dec. 27	0.0	Jan. 2	-4.4
Port Talbot	July 7	30.0	June 9	16.7	Dec. 27	1.7	Jan. 5	-5.6
Neath	July 7	28.9	Aug. 5	17.2	Dec. 24, 25	2.2	Jan. 1, 7, 8	-4.4
Rhosee	July 7	28.2	Aug. 3	16.1	Dec. 27	-1.2	Jan. 5	-6.3
Cardiff	July 7	30.6	June 9	17.2	Dec. 27	0.6	Jan. 7	-5.0
Tredeggar	July 7	27.8	Aug. 4	16.7	Feb. 13, Dec. 24, 27	-0.6	Jan. 7	-9.4
Newport	July 7	30.0	June 9, Aug. 3	16.7	Dec. 27	1.1	Jan. 4, 5, 7, Mar. 3	-5.6
Usk	July 7	30.6	-	-	-	-	Jan. 5	-10.6
Crumbland	July 7	28.9	Aug. 4	16.7	Dec. 27	-1.7	Feb. 14	-6.1

TABLE V (continued)

DISTRICT AND PLACE	Highest Maximum and date	°C	Highest Minimum and date	°C	Lowest Maximum and date	°C	Lowest Minimum and date	°C
8b ENGLAND, S.W.								
Hawridge	July 7	25.6	Aug. 3	15.6	-	-	-	-
Nettlecombe	July 7	29.4	Aug. 5	16.1	Feb. 12, 13, Dec. 27	1.1	Jan. 4, 5, 7	-5.6
Cannington	July 7	29.4	July 18	17.8	Dec. 27	0.6	Jan. 7	-6.1
Weston-Super-Mare	-	-	Aug. 3, 4	17.2	Dec. 27	0.6	Jan. 4	-5.0
Cheddar	-	-	Aug. 5	16.7	Dec. 27	0.6	Jan. 5	-7.8
Yeovilton	July 7	29.6	Aug. 5	16.6	Dec. 27	-1.2	Jan. 5	-9.5
Rodney Stoke	-	-	-	-	-	-	Jan. 7	-6.1
Long Ashton	July 7	30.6	Aug. 5, Sept. 7	16.7	Dec. 27	0.0	Jan. 7	-6.1
West Camel	July 7	30.0	Aug. 5	16.7	Dec. 27	-1.1	Jan. 7	-10.0
Wincanton	June 10, July 7	28.9	Aug. 5	15.6	Dec. 27	-1.1	Feb. 5	-8.9
Bath	July 7	29.4	Aug. 5	17.8	Feb. 13, Dec. 27	0.0	Jan. 5	-6.1
Portland Bill C.G.	June 9	24.0	Aug. 3	17.5	Dec. 27	-0.8	Feb. 14, Dec. 26	-2.5
Weymouth	June 9	25.6	Aug. 5	16.7	Dec. 27	-1.1	Dec. 27	-5.0
Winfrith	July 7	28.3	Aug. 5	16.7	Dec. 27	0.6	Jan. 7	-8.9
Shaftesbury	July 7	28.3	June 13	16.1	Dec. 27	-1.7	Dec. 27	-6.1
Swanage	June 9, 10	26.7	June 10	16.7	Dec. 27	0.6	Jan. 6, 7, Mar. 5	-3.9
Poole	June 10	28.3	June 9, Aug. 4, 5	17.2	Dec. 27	-0.6	Jan. 7	-6.7
Virginatow	July 7	27.8	Aug. 5	14.7	Dec. 27	-0.4	Jan. 5, Dec. 27	-5.0
Hartland Point	Sept. 23	23.6	Aug. 3	16.5	Dec. 27	0.2	Dec. 27	-3.5
Mount Batten	July 7	25.7	Aug. 3, 5	17.8	Dec. 27	-0.9	Jan. 7	-4.4
Plymouth Hoe	June 10	26.1	Aug. 3	17.8	Dec. 27	0.0	Jan. 7	-4.1
Tavistock	July 7	28.3	Aug. 5	15.6	Dec. 27	0.6	Jan. 6	-8.3
Chivenor	July 7	28.7	Aug. 5	17.3	Dec. 27	0.0	Jan. 5	-5.0
Ilfracombe	July 7	28.3	Aug. 6	16.7	Feb. 13, Dec. 24, 27	3.3	Dec. 27	-2.2
Salcombe	June 10	24.4	Aug. 3, 5	16.1	Dec. 27	0.0	Jan. 2, Feb. 14, Dec. 27, 28, 31	-2.8
Torres	June 10	26.7	Aug. 5, 31	16.7	Dec. 27	-0.6	Feb. 15	-6.1
Cheldon Barton	July 7	26.6	Aug. 5	16.1	Dec. 27	-2.1	Feb. 13	-7.3
Slapton	June 10	25.0	Aug. 3	17.2	Dec. 27	1.1	Jan. 2	-3.9
Newton Abbot	-	-	Aug. 5	16.7	Dec. 27	0.0	Jan. 7	-5.0
Torbay	June 10	26.7	June 10	17.2	Dec. 27	0.6	Jan. 7	-3.3
Teignmouth	June 10	27.2	Aug. 5, 6	16.7	Dec. 27	0.6	Jan. 7, 8	-3.3
Starcross	June 10	27.2	Aug. 6	16.7	Dec. 27	-0.6	Jan. 8	-6.1
Exmouth	June 10	27.8	June 9, Aug. 1, 5, 6, 31	16.1	Dec. 27	-1.7	Jan. 7	-4.4
Exeter	June 10	28.0	Aug. 5	16.6	Dec. 27	-1.3	Jan. 7	-6.8
Scilly	June 9	22.7	Aug. 6	16.0	Dec. 27	2.0	Dec. 27	-1.0
Penzance	June 7	25.0	Aug. 5	16.7	Dec. 27	0.5	Dec. 28	-4.4
Gulval	June 7	25.6	Aug. 5, 31	16.1	Dec. 27	1.7	Dec. 28	-4.4
Culdrose	Aug. 2	22.5	Aug. 5	16.1	Dec. 27	-1.0	Dec. 28	-5.5
Rosewarne	July 6	25.6	July 7	15.6	Dec. 24, 25	1.1	Dec. 28	-5.0
Lizard	Aug. 4	22.9	Aug. 5	16.1	Dec. 27	0.9	Dec. 28	-4.2
Falmouth	June 9	23.3	Aug. 5	16.7	Dec. 27	0.0	Dec. 28	-3.9
Newquay	July 6	25.6	Aug. 3, Sept. 22	16.1	Dec. 27	0.0	Dec. 27, 31	-3.3
St. Mawgan	June 7	24.3	Aug. 5	17.4	Dec. 27	-0.8	Dec. 31	-5.9
St. Austell	June 9, July 7, Aug. 4	24.4	June 7, 9, Aug. 6	16.1	Dec. 27	-0.6	Dec. 27, 28	-3.9
Fowey	June 7, 9, July 7, Aug. 2, 4	24.4	Aug. 5	17.2	Dec. 27	-0.6	Jan. 7, Dec. 27, 28, 31	-3.9
Bude	July 7	27.2	Aug. 1	16.1	Dec. 27	0.6	Jan. 5, Dec. 31	-5.6
Ellbridge	June 7, 10, July 7	26.7	Aug. 5	16.7	Dec. 27	0.6	Jan. 7	-6.1
9 NORTHERN IRELAND								
Loughermore Forest	June 9	25.2	Aug. 4	15.3	Feb. 12	0.0	Jan. 7	-11.6
Ballykelly	June 9	26.5	Aug. 2	16.0	Jan. 7	1.9	Jan. 7	-8.2
Banagher, Caugh Hill	June 11	27.5	Aug. 4	15.3	Jan. 4	0.5	Jan. 7	(-7.6)
Derrynoyd Forest	June 11	26.0	Aug. 4	14.9	Feb. 14	1.3	Jan. 7	-8.0
Somerset Forest	June 9	25.4	June 10	14.1	Jan. 7	2.0	Jan. 7	-7.1
Coleraine Univer- sity	June 9	25.6	July 6, Aug. 2, 3, Sept. 23	13.9	Jan. 7	2.2	Jan. 7	-6.7
9 NORTHERN IRELAND - contd.								
Garvagh Forest	June 11	26.1	June 10, July 31, Aug. 2, 4, Sept. 23	13.9	Jan. 3	1.1	Jan. 7	-7.8
Moneydig	June 11	26.4	July 31, Aug. 2	14.5	Jan. 7	-2.8	Jan. 7	-8.1
Ballymoney	June 11	26.2	Sept. 23	13.8	Dec. 31	1.7	Jan. 7	-7.9
Lisnafillan	June 10	26.1	June 10	16.7	Jan. 3	1.1	Jan. 7	-11.1
Aldergrove	June 9	25.9	Aug. 4	16.0	Jan. 3	0.4	Jan. 7	-8.4
Greenmount	Aug. 5	26.1	Aug. 4	16.1	Jan. 3, 4	1.1	Jan. 7	-9.4
Altnahinch Filters	June 9, 10, 11	23.3	Aug. 4	15.0	Jan. 3, Feb. 14	0.0	Feb. 13	-8.3
Parkmore Forest	June 11	21.7	June 10, Aug. 2	13.9	Feb. 12	0.6	Jan. 7	-6.7
Black Mountain	June 10	24.1	June 10	15.4	Jan. 3	-1.1	Mar. 5	-6.1
Lowtown	June 10	23.9	June 10, 11	14.4	Feb. 12, 13, 14, Mar. 4	0.0	Feb. 13	-6.7
Ballypatrick Forest	June 11	22.7	Aug. 4	14.2	Feb. 12	1.3	Feb. 13	-8.2
Belfast, Malone	June 10	25.6	Aug. 4, 8, 22	15.6	Jan. 3	1.7	Jan. 7	-6.1
Newtownabbey	June 19	23.3	June 10, Aug. 4	15.6	Jan. 3	2.2	Jan. 7	-5.0
Woodburn, North	June 10	22.8	June 10, July 31, Aug. 4, 13	13.3	Jan. 3	-0.6	Jan. 7	-6.7
Larne	June 9	23.7	July 31	14.7	Jan. 5, Dec. 31	3.0	Jan. 7	-5.4
Kilroot	June 9, 10, 11	23.3	Aug. 4	14.4	Jan. 3	1.7	Jan. 7	-6.1
Ballylumford	June 10	24.4	Aug. 13	14.4	Feb. 6	2.8	Jan. 7	-5.6
Hillsborough	June 10	25.6	Aug. 4, 31	15.0	Jan. 4, 5, Dec. 31	0.6	Jan. 7, 8	-6.1
Kilkeel	Aug. 4	22.0	June 8, Aug. 4	15.4	Jan. 4	2.6	Jan. 7	-4.7
Tollymore Park	June 9, 10	23.3	July 6	15.6	Jan. 3	0.0	Mar. 5	-4.4
Rosetta	June 10	25.0	Aug. 4	15.6	Jan. 3	1.1	Feb. 13	-6.1
Murlough	June 9, 11, July 5, Aug. 6	22.8	Aug. 31	15.0	Jan. 3	0.6	Jan. 7	-10.0
Stormont Castle	June 10	26.1	June 10	15.0	Jan. 5	1.1	Jan. 5, 7	-3.9
Downpatrick	June 9, 11, Aug. 6	24.4	Aug. 4, 7, 31	14.4	Jan. 3	0.6	Feb. 13	-3.9
Creighton's Green	June 10	23.9	July 6, 31	14.4	Jan. 3	0.6	Feb. 13	-3.9
Reagh Island	June 9	25.0	June 10, 11, July 6, Aug. 4, 7, 13	14.4	Jan. 4	0.6	Jan. 8	-4.4
Helen's Bay	June 9, 10, Aug. 3, 28	22.8	June 10, 11, July 6, Aug. 4, 7, 13, 30, Sept. 22	13.9	Jan. 3	1.1	Jan. 7	-3.9
Killough	July 17	21.1	Aug. 4	14.2	Jan. 3	0.4	Jan. 7	-4.8
Armagh	June 10	27.2	Aug. 2, 4	15.6	Jan. 4	-0.6	Jan. 7, 8	-8.3
Loughgall	June 9	26.7	Aug. 4	15.6	Jan. 5	1.1	Jan. 7, 8	-10.6
Portadown	June 11	26.7	Aug. 4	16.1	Jan. 5, Dec. 31	1.7	Jan. 7, 8	-8.3
Lurgan Cemetery	June 10	26.7	Aug. 4	15.6	Jan. 3, 5	1.1	Jan. 7	-8.9
Lough Bradan	June 9	25.6	Aug. 4	14.4	Jan. 3, 4, 5	0.6	Jan. 7	-7.8
Baronscourt Forest	June 9	26.6	Aug. 4	16.0	Jan. 3	0.7	Jan. 7	-10.5
Strabane Convent	June 9	27.4	Aug. 4	16.0	Jan. 3	0.9	Jan. 7	-8.9
Carrigans	June 9, 11	25.8	Aug. 4	15.9	Jan. 3, 4	1.0	Jan. 7	-9.1
Lislap Forest	June 11	26.1	Aug. 4	14.4	Jan. 4	-1.7	Jan. 7	-8.9
Knockmany Forest	June 10	25.9	Aug. 2	13.5	Jan. 3	0.4	Jan. 7, 8	-11.6
Pomeroy Forest	June 10, 11	24.4	Aug. 4	15.0	Jan. 3, 4, 5	0.0	Jan. 7	-7.8
Coolstown	June 10, 11	25.0	Aug. 4	15.6	Jan. 3, 5	1.1	Jan. 7, 8	-9.4
Roscor	June 9	25.4	July 8	14.8	Jan. 4	1.3	Feb. 13	-4.8
Lough Navar Forest	June 9	25.8	Aug. 2	14.5	Jan. 4	0.0	Jan. 7	-8.3
C. Archdale Forest	June 9	26.1	Aug. 2	15.0	Jan. 3	1.1	Jan. 7	-7.8
Lisnaska	June 10	27.2	Aug. 2	15.6	Jan. 3, 4, 5	0.6	Jan. 7, 8	-11.1
Pubble Forest	June 9, 10	26.2	Aug. 2	15.0	Jan. 3	1.1	Jan. 7	-10.2
CHANNEL ISLES								
Guernsey Airport	July 6	26.3	Aug. 3	17.5	Dec. 29	1.3	Dec. 26	-3.0
Guernsey L'Ancresee	July 6	25.0	Aug. 3	17.2	Dec. 24, 26	2.8	Dec. 27	-2.2
Alderney	-	-	Aug. 3	17.2	Dec. 25, 26, 31	2.8	Dec. 27	-2.8
Jersey Airport	July 6	28.2	Aug. 3	17.3	Dec. 24	0.9	Dec. 27	-8.4
St. Helier	July 6	28.4	July 7	18.3	Dec. 25, 26	1.1	Dec. 27	-5.0

TABLE VI—NUMBER OF DAYS ON WHICH THE DURATION OF SUNSHINE WAS BETWEEN GIVEN LIMITS DURING EACH MONTH OF 1970

STATION	JANUARY					FEBRUARY					MARCH					APRIL					MAY					JUNE				
	Sunless	0.1 - 3.0 hr.	3.1 - 6.0 hr.	6.1 - 9.0 hr.	> 9.0 hr.	Sunless	0.1 - 3.0 hr.	3.1 - 6.0 hr.	6.1 - 9.0 hr.	> 9.0 hr.	Sunless	0.1 - 3.0 hr.	3.1 - 6.0 hr.	6.1 - 9.0 hr.	> 9.0 hr.	Sunless	0.1 - 3.0 hr.	3.1 - 6.0 hr.	6.1 - 9.0 hr.	> 9.0 hr.	Sunless	0.1 - 3.0 hr.	3.1 - 6.0 hr.	6.1 - 9.0 hr.	> 9.0 hr.	Sunless	0.1 - 3.0 hr.	3.1 - 6.0 hr.	6.1 - 9.0 hr.	> 9.0 hr.
Lerwick	20	10	1	0	0	4	13	10	1	0	7	13	10	1	0	1	6	6	12	5	4	11	8	5	3	5	5	2	6	12
Stornoway	14	13	4	0	0	6	6	13	3	0	3	7	13	7	1	3	6	3	12	6	4	9	7	5	6	1	6	2	4	17
Craibstone	21	7	1	2	0	5	6	14	3	0	2	11	10	5	3	0	7	7	13	3	2	10	9	6	4	1	5	2	6	16
Rothsay	21	8	2	0	0	10	4	7	7	0	5	10	8	5	3	6	5	6	7	6	8	10	5	2	6	1	7	2	6	14
Abbotsinch	20	8	2	1	0	2	9	7	10	0	2	11	7	8	3	3	8	10	7	2	5	11	10	2	3	1	7	4	8	10
Eskdalemuir	20	7	2	2	0	4	8	5	11	0	4	9	9	7	2	4	5	12	6	3	5	8	8	6	4	0	7	7	5	11
Douglas	18	8	4	1	0	4	6	10	8	0	3	9	7	8	4	6	4	7	6	7	1	9	5	8	8	0	3	7	6	4
Acklington	17	9	2	3	0	3	8	10	7	0	1	6	14	6	4	1	6	9	9	5	5	7	5	7	7	1	3	7	3	16
Gorleston	19	8	2	2	0	6	7	8	7	0	6	8	9	8	0	2	11	6	9	2	4	5	7	8	7	2	3	2	5	18
Cambridge (N.L.A.B.)	17	11	1	2	0	4	9	5	10	0	8	9	5	7	2	2	13	6	6	3	2	4	8	7	10	0	4	3	8	15
Edgbaston	18	8	4	1	0	6	6	10	6	0	5	13	6	6	1	4	9	8	7	2	3	4	5	11	8	0	7	3	8	12
Kew	18	8	4	1	0	3	8	10	7	0	7	7	10	7	0	0	16	5	5	4	3	3	8	5	12	1	1	4	6	18
Hastings	16	9	6	0	0	5	5	8	10	0	4	11	2	12	2	5	8	9	3	5	2	7	2	9	11	2	1	3	4	20
Southampton	16	10	3	2	0	6	7	6	9	0	4	10	11	6	0	4	8	6	9	3	3	1	6	11	10	2	1	4	9	14
Stonyhurst	18	12	0	1	0	7	5	12	4	0	5	8	8	9	1	6	6	8	8	2	1	6	9	7	8	0	6	3	8	13
Bidston	15	10	6	0	0	5	7	9	7	0	4	6	15	5	1	3	5	5	12	5	1	9	4	9	8	0	3	8	4	15
Valley	16	9	7	0	0	5	6	11	6	0	4	11	7	5	4	8	5	2	9	6	3	7	9	5	7	1	5	4	6	14
Falmouth	13	8	5	5	0	6	7	10	5	0	3	10	7	11	0	4	6	3	11	6	5	5	4	4	12	2	8	3	6	11
Aldergrove	19	6	6	0	0	4	7	12	4	1	2	11	11	4	3	5	9	4	5	7	2	9	11	6	3	1	7	8	1	13
Armagh	17	12	2	0	0	5	9	12	2	0	3	14	8	5	1	5	8	8	4	5	3	13	10	4	1	1	8	9	4	8

TABLE VI (continued)

STATION	JULY				AUGUST				SEPTEMBER				OCTOBER				NOVEMBER				DECEMBER									
	Sunless	0.1 - 3.0 hr.	3.1 - 6.0 hr.	6.1 - 9.0 hr.	> 9.0 hr.	Sunless	0.1 - 3.0 hr.	3.1 - 6.0 hr.	6.1 - 9.0 hr.	> 9.0 hr.	Sunless	0.1 - 3.0 hr.	3.1 - 6.0 hr.	6.1 - 9.0 hr.	> 9.0 hr.	Sunless	0.1 - 3.0 hr.	3.1 - 6.0 hr.	6.1 - 9.0 hr.	> 9.0 hr.	Sunless	0.1 - 3.0 hr.	3.1 - 6.0 hr.	6.1 - 9.0 hr.	> 9.0 hr.					
Lerwick	4	12	9	2	4	7	16	3	4	1	9	9	6	5	1	10	13	8	0	0	11	13	6	0	0	13	16	2	0	0
Stornoway	0	15	11	5	0	9	7	6	5	4	6	13	5	5	1	10	16	4	1	0	14	9	7	0	0	14	16	1	0	0
Craibstone	5	10	7	8	1	7	7	5	5	7	4	12	6	8	0	7	11	8	5	0	12	9	6	3	0	11	13	7	0	0
Rothsay	5	13	8	4	1	3	11	4	5	8	7	11	7	5	0	9	10	6	6	0	15	6	9	0	0	18	6	7	0	0
Abbotsinch	3	13	7	6	2	2	11	6	7	5	7	11	8	4	0	6	12	8	5	0	11	12	5	2	0	11	14	5	1	0
Eskdalemuir	3	11	6	11	0	3	11	3	9	5	7	14	6	2	1	9	10	6	6	0	13	11	4	2	0	12	11	7	1	0
Douglas	1	9	9	7	5	3	7	5	6	10	4	11	7	5	3	10	8	6	6	1	11	8	10	1	0	10	14	5	2	0
Acklington	3	9	9	8	2	3	8	3	10	7	4	11	7	7	1	7	11	5	7	1	14	8	3	5	0	9	13	8	1	0
Gorleston	1	8	9	5	8	3	4	9	6	9	1	11	6	7	5	5	9	8	7	2	11	7	7	5	0	11	14	5	1	0
Cambridge (N.L.A.B.)	1	9	9	4	8	4	4	8	8	7	1	7	10	9	3	4	12	8	4	3	10	11	6	3	0	13	15	3	0	0
Edgbaston	2	10	10	5	4	4	9	5	8	5	1	9	10	7	3	8	11	6	6	0	10	11	8	1	0	11	14	6	0	0
Kew	1	9	7	6	8	1	7	7	9	7	0	6	12	6	6	7	9	7	7	1	6	13	7	4	0	13	14	4	0	0
Hastings	0	11	4	7	9	1	7	7	3	13	2	6	7	4	11	5	9	7	6	4	9	12	5	4	0	7	15	8	1	0
Southampton	0	7	7	9	8	2	8	5	5	11	1	8	8	7	6	8	8	6	7	2	6	15	7	2	0	8	14	5	4	0
Stonyhurst	2	13	6	3	7	2	9	5	6	9	5	13	5	5	2	11	6	8	5	1	12	10	7	1	0	-	-	-	-	-
Bidston	0	9	11	7	4	2	8	6	7	8	1	10	9	8	2	6	8	10	7	0	-	-	-	-	-	10	12	7	2	0
Valley	1	8	13	6	3	3	5	10	4	9	3	11	7	5	4	8	9	8	4	2	12	9	8	1	0	7	13	10	1	0
Falmouth	1	8	6	6	10	4	7	5	4	11	5	10	3	9	3	5	10	9	6	1	7	10	12	1	0	-	-	-	-	-
Aldergrove	4	16	6	4	1	1	12	5	7	6	4	14	6	5	1	7	13	8	3	0	6	15	6	3	0	13	13	4	1	0
Armagh	1	20	6	1	3	0	15	8	2	6	3	17	6	3	1	10	14	4	2	1	6	15	6	3	0	10	14	5	2	0

TABLE VII—NUMBER OF DAYS WITH RAINFALL BETWEEN GIVEN LIMITS DURING 1970

STATION	0 - 0.1 mm	0.2 - 1.0 mm	1.1 - 5.0 mm	5.1 - 10.0 mm	10.1 - 15.0 mm	15.1 - 20.0 mm	20.1 - 25.1 mm	25.1 mm	STATION	0 - 0.1 mm	0.2 - 1.0 mm	1.1 - 5.0 mm	5.1 - 10.0 mm	10.1 - 15.0 mm	15.1 - 20.0 mm	20.1 - 25.1 mm	25.1 mm
Lerwick	101	79	91	59	18	9	6	2	Shoeburyness	203	57	72	27	3	2	1	0
Stornoway	102	53	133	45	25	4	2	1	Edgbaston	174	57	79	34	13	6	0	2
Fort William	102	70	91	46	20	16	11	9	Ross-on-Wye	181	63	70	35	9	2	1	4
Nairn	145	95	88	27	4	2	1	3	Kew	194	48	83	29	6	4	0	1
Craibstone	141	83	96	28	7	3	4	3	Hastings	188	47	79	31	12	2	4	2
Leuchars	193	59	71	27	5	6	1	3	Southampton	198	48	67	31	10	7	3	1
Rothsay	134	53	85	48	28	7	5	5	Moor House	-	-	-	-	-	-	-	-
Abbotsinch	147	68	73	41	17	10	3	6	Stonyhurst	154	47	79	42	26	7	4	6
Eskdalemuir	136	42	91	42	25	16	6	7	Bidston	(174)	(57)	(87)	(32)	(10)	(3)	(2)	(0)
Douglas	168	44	82	31	22	11	5	2	Valley	155	59	92	32	19	5	2	1
Acklington	174	61	94	18	14	2	1	1	Llandrindod	143	53	91	49	20	6	2	1
Scarborough	191	61	84	22	4	2	0	1	Wells	-	-	-	-	-	-	-	-
Bridlington	165	67	88	31	8	3	3	0	Long Ashton	172	50	85	39	10	4	2	3
Cranwell	199	65	71	19	5	3	2	1	Falmouth	-	-	-	-	-	-	-	-
Gorleston	182	73	78	25	4	1	0	2	Aldergrove	124	72	114	38	11	5	0	1
Cambridge	206	48	77	24	6	2	2	0	Armagh	130	71	108	44	5	5	0	2

TABLE VIII—NUMBER OF DAYS IN YEAR 1970
WITH MAXIMUM AND MINIMUM TEMPERATURES between given limits.

STATION		MAXIMUM TEMPERATURE °C.								MINIMUM TEMPERATURE °C.								STATION	MAXIMUM TEMPERATURE °C.								MINIMUM TEMPERATURE °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	7	76	120	144	18	0	0	0	0	0	5	51	120	158	31	0	Kew (N.W.S.)	0	38	82	72	81	72	19	1	0	0	3	38	88	91	123	22	
Stornoway	0	41	137	123	57	7	0	0	0	0	10	51	110	145	49	0	Kew(Psychrometer)	0	39	78	78	79	71	19	1	0	0	8	49	96	102	99	11	
Craibstone	3	70	104	100	75	13	0	0	0	0	6	71	126	127	35	0	Hastings	1	38	99	76	118	30	3	0	0	0	0	40	87	104	122	12	
Rothsay	0	39	125	106	76	16	3	0	0	0	0	37	118	133	74	3	Southampton	1	24	74	98	88	71	9	0	0	0	1	42	83	105	118	16	
Abbotsinch	2	36	113	90	93	27	4	0	1	1	11	50	104	115	81	2	Stonyhurst	1	49	107	88	79	33	8	0	0	2	8	58	104	115	76	2	
Eskdalemuir	4	66	108	89	73	24	1	0	1	5	19	63	111	124	42	0	Bidston	0	45	101	80	100	31	8	0	0	0	0	23	113	101	116	12	
Douglas	0	35	119	109	84	17	1	0	0	0	0	31	115	127	87	5	Valley	0	18	123	90	102	28	4	0	0	0	0	23	83	135	123	1	
Acklington	2	55	106	83	97	21	1	0	0	1	5	56	125	121	56	1	Falmouth	1	13	86	117	133	15	0	0	0	0	0	28	74	133	128	2	
Gorleston	0	52	99	74	116	22	2	0	0	0	1	44	105	88	111	16	Aldergrove	0	38	106	94	95	30	2	0	0	0	7	47	98	126	85	2	
Edgbaston	2	48	102	67	87	50	8	1	0	0	1	48	92	110	108	6	Armagh	2	33	99	89	103	36	3	0	0	0	6	61	100	125	71	2	

TABLE IX—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— YEAR 1970

DISTRICT COUNTY AND PLACE		HEIGHT OF VANE IN METRES			DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED										Mean Hourly Wind Speed in knots	HIGHEST VELOCITIES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
		Above Mean Sea Level	Above ground	Effective Height	34 Knots or more (Gale force)		22 to 33 knots		11 to 21 knots	4 to 10 knots	Less than 4 knots	No Record	HIGHEST HOURLY WIND			HIGHEST GUST																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
					No. of Days	Duration (hr)	No. of days	Duration in Hours						Veer from N		Speed in knots	Hour ended at day hour	Veer from N	Speed in knots	Day and Time																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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TABLE IX (continued)

DISTRICT COUNTY AND PLACE		HEIGHT OF VANE IN METRES		DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED										Mean Hourly Wind Speed in knots	HIGHEST VELOCITIES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
		Above Mean Sea Level	Above ground	Effective Height	34 Knots or more (Gale force)		22 to 33 knots		11 to 21 knots	4 to 10 knots	Less than 4 knots	No Record	HIGHEST HOURLY WIND			HIGHEST GUST																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
					No. of Days	Dura- tion (hr)	No. of days	Duration in Hours							Veer from N	Speed in knots	Hour ended at day hour	Veer from N	Speed in knots	Day and Time																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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TABLE X—NUMBER OF HOURS WITH GUSTS EXCEEDING (A) 33 KT. AND (B) 47 KT.
IN EACH MONTH OF 1970

DISTRICT AND STATION	Number of Hours exceeding 33 Knots													Number of Hours exceeding 47 Knots													
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	
0 SCOTLAND N.																											
Lerwick	201	95	184	77	36	11	22	11	19	145	106	150	1057	24	2	12	19	0	0	0	0	1	33	18	22	131	
Kirkwall	217	133	197	99	106	18	41	16	31	139	74	112	1183	10	6	34	24	1	1	0	5	0	37	22	11	151	
Dounreay	204	127	[147]	[90]	138	24	24	21	[33]	114	59	107	[1088]	39	9	[29]	17	6	0	0	4	[0]	25	20	10	[159]	
Wick	201	83	158	75	53	13	25	17	31	101	49	45	851	5	5	22	9	1	0	0	4	3	18	9	2	78	
Benbecula	101	114	97	34	34	33	52	22	46	181	107	96	917	27	39	0	0	0	0	0	0	1	23	22	12	124	
Fort Augustus N.S. Heb	17	12	0	5	7	5	9	3	5	11	14	4	92	0	0	0	0	0	0	0	0	2	0	0	0	2	
Dalcross	10	40	58	26	32	6	29	21	29	66	41	15	373	0	0	0	0	0	0	1	0	0	6	7	0	14	
1 SCOTLAND E.																											
Kinloss	21	42	106	46	45	8	29	28	27	109	48	31	540	0	1	1	0	1	0	0	3	0	6	14	0	26	
Lossiemouth	30	74	136	60	43	11	36	37	32	117	59	53	688	1	4	20	1	2	0	0	5	0	24	23	3	83	
Dyce	32	24	64	20	31	3	59	15	48	106	50	31	483	0	0	4	0	5	0	2	0	1	30	11	0	53	
Bell Rock	104	104	88	37	32	17	66	43	63	173	145	82	954	4	10	12	0	0	0	0	4	3	37	15	5	90	
Tummel Bridge	3	30	25	8	13	2	8	1	6	30	27	13	166	0	4	1	1	0	0	0	0	2	9	0	17	0	
Leuchars	12	54	79	24	28	11	71	35	48	88	52	24	526	0	11	6	0	0	0	0	0	1	9	9	1	37	
Turnhouse	2	63	54	25	26	12	51	11	49	79	62	28	462	0	12	2	0	0	0	1	0	2	11	16	2	46	
6a SCOTLAND W.																											
Tiree	258	206	254	118	59	51	137	75	99	219	141	173	1790	56	83	38	4	2	0	1	7	12	62	25	19	309	
Machrihanish	112	147	78	13	43	18	22	16	61	152	137	55	854	8	30	0	0	0	0	0	0	1	36	25	4	104	
Paisley	11	57	30	7	28	8	26	17	64	113	59	25	445	0	5	2	0	0	1	0	1	1	10	3	2	25	
Abbotsinch	1	59	31	7	14	5	10	7	25	67	60	22	308	0	5	0	1	0	0	0	1	0	6	2	0	15	
Ardrossan	23	141	[73]	[29]	75	8	[60]	7	76	144	121	47	[804]	0	26	[2]	2	1	0	0	2	4	18	25	0	[80]	
Prestwick	30	76	19	7	11	4	29	21	33	76	71	26	403	0	8	0	0	0	0	0	0	3	6	2	25	0	
Eskdalemuir	4	93	76	44	57	4	26	49	78	109	106	45	691	0	30	1	3	1	0	0	1	15	10	24	5	90	
West Freugh	19	17	2	0	5	[15]	39	33	38	92	52	23	[335]	0	0	0	0	0	0	0	0	6	12	6	1	25	
6b ISLE OF MAN																											
Ronaldsway	69	109	45	20	8	3	30	33	64	99	69	34	583	1	7	0	0	0	0	0	1	7	5	9	0	30	
Point of Ayre	85	99	63	51	18	15	36	41	57	139	115	42	761	0	6	0	1	0	0	0	3	4	23	7	1	45	
2 ENGLAND N.E.																											
Durham	4	92	76	57	36	2	43	20	51	[99]	72	51	[603]	0	34	7	0	1	0	0	0	1	[10]	17	2	[72]	
South Shields	10	51	67	30	18	0	19	3	22	60	54	38	372	0	9	2	0	0	0	0	0	0	2	12	0	25	
Leeming	0	53	36	18	9	0	12	9	19	68	47	3	274	0	8	0	0	0	0	0	0	0	4	17	0	29	
Waddington	0	26	9	8	4	0	8	19	15	29	26	2	146	0	0	0	0	0	0	0	0	0	4	0	4	0	
Cranwell	1	32	10	11	5	0	12	16	14	34	24	2	161	0	1	0	0	0	0	0	0	1	4	0	6	0	
Cottingham	3	41	51	19	11	1	17	25	28	58	27	5	286	0	8	0	0	0	0	0	1	0	2	5	0	16	
Binbrook	5	58	28	35	10	0	16	22	35	71	58	28	366	0	5	0	0	0	0	0	0	0	5	0	10	0	
Manby	0	26	6	2	2	0	2	6	7	32	16	4	103	0	0	0	0	0	0	0	0	0	0	0	0	0	
3 ENGLAND E.																											
Marham	2	35	17	14	4	1	13	9	16	29	17	2	159	0	1	0	0	0	0	0	0	0	0	0	0	1	
Coltishall	0	22	8	14	1	0	12	6	17	25	25	2	132	0	1	0	0	0	0	0	0	0	0	0	0	1	
Honington	0	30	8	10	5	1	6	5	15	27	23	2	132	0	0	0	0	0	0	0	0	1	0	0	1	0	
Wattisham	2	39	15	22	5	3	19	7	17	35	31	5	200	0	4	0	0	0	0	0	0	0	0	0	0	4	
Bedford	0	28	8	3	2	1	1	10	14	21	15	4	107	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cardington	3	79	8	17	4	0	11	14	37	66	42	7	288	0	8	0	0	0	0	0	0	0	2	0	10	0	
Garston	0	12	6	4	0	0	0	1	6	7	12	1	49	0	0	0	0	0	0	0	0	0	0	0	0	0	
Rothamsted	0	31	12	11	2	0	1	3	15	15	11	1	102	0	1	0	0	0	0	0	0	0	1	0	2	0	
Stansted	1	25	3	0	0	0	0	0	5	9	11	2	56	0	0	0	0	0	0	0	0	0	0	0	0	0	
Shoburyness	24	90	28	51	7	11	27	18	62	81	87	31	517	0	9	0	0	0	0	0	0	6	2	8	0	25	
4 MIDLAND COUNTIES																											
Sheffield	3	[70]	34	16	12	1	20	19	15	70	73	7	[340]	0	7	0	0	0	0	1	0	0	4	9	1	22	
Church Fenton	0	70	46	30	12	1	19	21	33	68	52	4	356	0	10	2	0	0	0	0	0	6	16	0	34	0	
Watnall	0	39	6	8	2	0	2	11	20	29	23	4	144	0	0	0	0	0	0	0	0	0	1	0	1	0	
Finningley	0	60	25	8	10	0	20	20	16	44	38	0	241	0	8	0	0	0	0	0	0	1	3	0	12	0	
Cottesmore	0	43	11	15	7	4	21	19	18	38	38	4	218	0	2	0	0	0	1	0	0	0	4	0	7	0	
Edgaston	1	33	17	21	4	2	8	14	16	44	30	4	194	0	2	0	0	0	0	0	0	1	1	0	4	0	
Elmston	3	49	35	29	12	6	19	23	29	63	44	8	320	0	3	0	0	0	0	0	1	0	1	6	0	11	
Brize Norton	0	37	15	6	3	0	0	2	6	9	10	4	92	0	0	0	0	0	0	0	0	0	0	0	0	0	
Keele	18	35	38	22	13	5	14	24	20	54	36	8	287	0	0	0	0	0	0	0	2	1	2	0			

TABLE X (continued)

DISTRICT AND STATION	Number of Hours exceeding 33 Knots													Number of Hours exceeding 47 Knots												
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
8b ENGLAND S.W. Portland Bill C.G.	47	154	35	26	0	1	20	16	59	67	125	43	593	2	6	3	3	0	0	0	0	0	1	9	4	28
Mount Batten	60	104	32	70	6	17	20	14	50	40	83	36	532	7	7	2	0	0	1	0	2	1	2	2	0	24
Chivenor	36	101	21	36	0	0	9	16	22	56	42	12	351	4	6	0	0	0	0	0	0	1	0	0	1	12
Scilly	129	290	142	71	0	6	39	16	55	69	81	139	1037	22	61	5	3	0	0	0	4	6	2	7	5	115
St Mawgan	95	188	34	66	0	5	17	18	34	60	59	34	610	7	15	1	0	0	0	0	1	0	0	3	0	27
9 NORTHERN IRELAND																										
Ballykelly	63	67	64	10	10	13	27	25	36	106	38	26	485	0	3	1	0	0	0	0	0	12	5	0	21	
Coleraine Univ	59	71	71	16	14	19	20	30	24	130	55	15	524	1	2	0	0	0	0	0	0	0	27	3	0	33
Aldergrove	23	23	13	2	3	2	4	17	14	45	10	4	160	0	0	0	0	0	0	0	0	0	0	2	0	2
Ballypatrick Forest	209	171	199	95	125	[67]	[66]	29	80	161	113	75	[570]	83	40	15	1	3	6	1	0	6	22	8	3	188
Belfast Harbour	47	[94]	74	36	20	22	36	28	[21]	100	63	31	[572]	2	[3]	2	0	0	0	0	3	[2]	19	10	1	[52]
Kilkeel	67	66	31	35	20	19	32	30	36	82	42	54	514	2	1	0	0	0	0	0	5	14	7	5	2	36
Orlock Head	[127]	170	198	118	[27]	29	74	45	53	139	91	107	[173]	[8]	18	22	2	0	0	0	4	3	46	9	2	[109]
Carrigans	63	44	48	11	6	1	8	10	17	65	24	9	306	0	3	2	0	0	0	0	0	0	4	3	0	12
Castle Archdale Forest	23	48	35	5	4	4	12	6	23	57	26	14	257	1	1	0	0	0	0	0	0	1	9	5	0	17
CHANNEL ISLES																										
Jersey Airport	18	127	21	24	0	0	2	0	4	29	29	11	265	1	5	0	0	0	0	0	0	0	0	2	0	8

An entry in square brackets [] gives the number of hours recorded with gusts above the given limits, but, owing to periods of defective record, this may not be the true total. The number of hours with defective or missing records is given in Table IX under 'no record'.

TABLE XI—OCCASIONS ON WHICH THE MAXIMUM HOURLY MEAN WIND WAS
41 KNOTS OR MORE (STRONG GALE) DURING 1970

DISTRICT AND STATION	Date	Max. hourly mean wind of 41 knots or more			Max. Speed in a gust during the day			Hours for which mean speed exceeded 33 knots on date in second column
		Hour ended at	Direction	Speed	Time	Direction	Speed	
0 SCOTLAND N.								
Lerwick	Apr 23	24	240	41	2350	250	02	21-24
	Apr 24	01	250	42	0055	250	64	01-04, 08-09
Kirkwall	Mar 20	11	270	43	1030	270	65	10-15
	Apr 23	23	270	42	2300	270	67	19-24
	Oct 18	22	250	44	2125	250	74	16-23
Dounreay	Jan 9	05	130	44	0405	130	57	01-06
	Jan 21	14	140	42	0725	140	58	02-05, 07-12, 14-18
	Jan 24	22	130	42	2145	130	57	22-24
	Nov 9	03	310	42	0230	310	67	01-08
	Dec 16	17	180	42	1655	180	52	17-18
Wick	Mar 20	12	270	48	1200	280	70	10-16
Benbecula	Feb 3	02	280	42	0050	280	62	01-13
	Oct 18	21	280	45	2245	290	65	17-24
	Nov 1	01	270	42	0535	260	60	01-08
1 SCOTLAND E.								
Kinloss	Nov 1	03	240	41	0135	240	58	02-07
Lossiemouth	Oct 18	23	270	41	2310	290	62	14-15, 19-24
Bell Rock	Jan 18	08	170	41	0735	170	54	06-12, 15, 16
	Mar 31	20	010	43	1935	010	60	16-24
	Sept 1	02	240	42	0140	240	62	01-06
	Oct 18	22	260	51	2210	300	84	13-15, 17-24
	Oct 31	24	260	45	2355	260	64	21-24
	Nov 1	03	280	48	0400	290	72	01-11
Turnhouse	Oct 18	22	240	43	2215	280	69	19-23
6a SCOTLAND W.								
Tiree	Jan 19	16	130	42	1540	130	57	09-19
	Jan 31	20	130	44	2225	140	60	10-24
	Feb 1	02	140	41	2055	280	62	01-09, 17-22
	Feb 3	05	280	44	0315	280	68	01-15
	Feb 16	24	140	42	2315	140	59	21-24
	Feb 22	24	250	42	2345	250	64	22-24
	Oct 18	20	260	42	1955	280	71	15-24
	Oct 20	03	340	42	0310	340	58	01-21
	Oct 31	24	270	43	2325	270	65	19-24
	Nov 1	01	270	44	0025	270	66	01-11

DISTRICT AND STATION	Date	Max. hourly mean wind of 41 knots or more			Max. Speed in a gust during the day			Hours for which mean speed exceeded 33 knots on date in second column
		Hour ended at	Direction	Speed	Time	Direction	Speed	
Eskdalemuir	Feb 2	13	300	41	1210	300	57	04-10, 12, 13
West Freugh	Nov 3	12	290	43	1125	290	68	09-12
6b ISLE OF MAN								
Ronaldsway	Nov 3	11	240	44	1100	240	70	10-13
Point of Ayr	Nov 3	12	270	44	1140	280	67	10-14
2 ENGLAND N.E.								
Durham	Nov 3	14	270	47	1325	270	80	14
7a ENGLAND N.W.								
Sellafield	Nov 3	13	290	44	1220	290	68	11-13
Southport	Nov 3	13	280	41	1225	280	61	11-14
7b NORTH WALES								
Valley	Feb 19	19	270	46	1850	270	60	17-24
	Aug 16	08	300	44	0725	300	61	01-05, 08-18, 23, 24
	Sept 9	19	220	52	1835	220	65	01, 06-24
	Sept 10	01	230	44	0050	230	57	01-07, 09-15
	Oct 31	19	210	41	1830	210	54	14-24
	Nov 3	11	250	46	1050	250	65	02-14
8b ENGLAND S.W.								
Portland Bill C.G.	Feb 12	05	150	43	0435	160	56	03-06
	Dec 26	15	130	42	1415	130	56	15-17
Scilly	Jan. 23	10	280	47	1125	290	71	05-18
9 NORTHERN IRELAND								
Ballypatrick Forest	Jan 8	12	130	42	1135	140	66	11-15, 20
Orlock Head	Oct 20	07	360	42	0150	340	67	01-03, 05-15
	Oct 31	23	270	46	2300	270	68	20-24
	Nov 3	11	260	45	1045	280	73	08-13
CHANNEL ISLES								
Jersey Airport	Feb 12	13	280	43	1155	280	60	12-15

TABLE XII—DATES ON WHICH GUSTS EXCEEDED 47 KT. DURING 1970

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

District and Station	Dates	District and Station	Dates
0 SCOTLAND N.		4 MIDLAND COUNTIES (continued)	
Lerwick	Jan. 3, 9, 18, 21; Feb 1: Mar 16, 17, 27, 31; Apr 23, 24, 28; Sept 29; Oct 19, 20, 25, 28; Nov 8, 9, 21, 22; Dec 5, 16, 17, 20.	Finningley	Feb 19, 20; Oct 2; Nov 3.
Kirkwall	Jan 3, 9, 18, 19, 21; Feb 1, 2; Mar 1-3, 17, 20, 26, 27, 31; Apr 23, 24, 28; May 20; June 25; Aug 16; Oct 1, 2, 17-20, 24; Nov 8, 9, 22; Dec 5, 17.	Cottesmore	Feb 19, 20; June 27; Nov 3.
Dounreay	Jan 2, 3, 8, 9, 14, 15, 18, 21, 24, 25; Feb 2, 3, 16; Mar 17, 18, 20, 25-27; Apr 23, 24, 28, 29; May 6, 20, 21; Aug 16, 17; Oct 1, 2, 18-20, 28; Nov 1, 8, 9; Dec 4, 5, 13, 16, 17, 20.	Edgbaston	Feb 19; Oct 19; Nov 3.
Wick	Jan 3, 18, 31; Feb 1-3; Mar 1, 2, 20, 26, 27, 31; Apr 23, 24, 28; May 31; Aug 16, 17; Sept 1; Oct 1, 18-20; Nov 8, 9; Dec 17.	Elmdon	Feb 19, 20; Aug 16; Oct 19; Nov 1, 3.
Benbecula	Jan 19-21, 31; Feb 1-3, 17; Sept 1; Oct 1, 2, 5, 18-20, 31; Nov 1, 8, 9; Dec 4, 5, 16, 17.	Keele	Sept 9; Oct 31; Nov 3.
Fort Augustus NSH E.B.	Oct 18.	Pershore	Feb 3, 19; Mar 18; Nov 3.
Dalcross	July 30; Oct 1, 9, 18; Nov 1, 8.	Avonmouth	Feb 2; Aug 16; Nov 3; Dec 6.
1 SCOTLAND E.		Fairford	Sept 9; Nov 3.
Kinloss	Feb 2; Mar 20; May 31; Aug 16, 17; Oct 18-20; Nov 1, 8, 9.	5 ENGLAND, S.E.	
Loosemouth	Jan 3; Feb 2, 3, 13; Mar 1, 2, 16, 20, 27, 31; Apr 23; May 21, 31; Aug 16, 17; Oct 2, 18-20; Nov 1, 8, 9; Dec 5, 17.	London Weather Centre	Mar 18; Nov 3.
Dyce	Mar 20; May 21; July 15, 30; Sept 5; Oct 2, 18-21; Nov 1, 9.	Heathrow	Mar 18; Nov 3.
Bell Rock	Jan 18; Feb 1, 3, 20; Mar 1, 20, 27, 31; Aug 16, 17, 20; Sept 1; Oct 1, 2, 4, 5, 6, 18, 19, 20, 30, 31; Nov 1, 8, 20; Dec 5, 6, 16, 23.	Hampton	Feb 20; Mar 18; Sept 9; Oct 2; Nov 3.
Tummel Bridge	Feb 3; Mar 20; Apr 23; Oct 18; Nov 1, 8.	Gatwick	Feb 19.
Leuchars	Feb 2, 3, 20, 22; Mar 16, 17, 20, 31; Sept 1; Oct 1, 18, 19, 31; Nov 1; Dec 16.	Manston	Feb 17; Nov 19.
Turnhouse	Feb 2, 3; Mar 17, 20; July 11; Sept 1; Oct 18, 31; Nov 1, 8; Dec 16.	Hurn	Mar 4.
6a SCOTLAND W.		Calshot	Feb 12; Mar 4.
Tiree	Jan 5, 8, 17-21, 24, 31; Feb 1-3, 6, 7, 13, 16, 17, 20, 22-24; Mar 1, 2, 7, 17, 18, 20, 26, 27, 31; Apr 1, 23; May 21; July 1; Aug 16, 17, 31; Sept 1, 9, 29; Oct 1, 2, 5, 18-20, 31; Nov 1, 5, 8, 9, 16; Dec 4, 5, 6, 16, 17, 23.	Larkhill	Feb 2; Apr 22; Aug 16; Sept 9, 10; Nov 17.
Machrihanish	Jan 19, 21, 31; Feb 1-3, 20, 22, 23; Sept 9; Oct 1, 2, 18-20, 31; Nov 1, 3, 5, 8, 9; Dec 4, 6, 16.	Boscombe Down	Feb 2, 20; Sept 10; Nov 3.
Paisley	Feb 2, 3, 23; Mar 1, 17; June 25; Aug 31; Sept 9; Oct 1, 2, 18, 31; Nov 1, 5; Dec 16.	Porton	Feb 19; Apr 25; Sept 9, 10; Nov 3, 17, 18.
Abbotsinch	Feb 2, 3, 23; Apr 23; Aug 31; Oct 2, 18, 31; Nov 1, 9.	7a ENGLAND, N.W.	
Ardrossan	Feb 2, 3, 20, 23; Mar 16, 18; Apr 23; May 9; Aug 31; Sept 1, 9; Oct 1, 2, 18, 19, 31; Nov 1, 3, 5, 8, 9.	Sellafield	Sept 9; Oct 19; Nov 1, 3.
Prestwick	Feb 2, 3, 23; Sept 1; Oct 2, 18, 19, 31; Nov 3, 5, 9, 12; Dec 5, 16.	Carlisle	Feb 3, 19; Oct 18, 31; Nov 1, 3.
Eskdalemuir	Feb 1, 3, 7, 19, 20, 23; Mar 17; Apr 23; May 26; Aug 17; Sept 1, 9, 17; Oct 18, 19, 31; Nov 1, 3, 8, 9; Dec 5, 6, 16.	Spadeadam	Feb 1; Sept 9; Oct 18, 19, 31; Nov 1, 3.
West Freugh	Sept 9; Oct 2, 18-20, 31; Nov 1, 3; Dec 16.	Squires Gate	Feb 19, 20; Oct 19, 31; Nov 3.
6b ISLE OF MAN		Algburth	Feb 3, 19, 20; Aug 16; Sept 9; Oct 2, 3, 19, 31; Nov 3, 9.
Ronaldsway	Jan 6; Feb 1, 3, 19, 20; Aug 16; Sept 9; Oct 18-20, 31; Nov 3.	Southport	Feb 3, 19, 20; Sept 9; Oct 2, 19, 31; Nov 1, 3, 9; Dec 6.
Point of Ayre	Feb 1, 3, 17, 19, 20; Apr 5; Aug 16; Sept 9; Oct 2, 18-20, 30, 31; Nov 1, 3, 23; Dec 16.	Fleetwood	Jan 6; Feb 3, 19, 20; Aug 16, 17; Sept 9; Oct 2, 18, 19, 31; Nov 1, 3, 9.
2 ENGLAND N.E.		Speke	Feb 3, 19, 20; Aug 16; Oct 2; Nov 3, 9.
Durham	Feb 3, 19, 20, 22, 23; Mar 17, 20; May 21; Sept 9; Oct 18, 19, 26, 29, 31; Nov 1, 3, 5, 8, 9; Dec 17, 19.	Manchester W/Centre	Feb 19, 20; Aug 16; Sept 9; Oct 19, 31; Nov 1, 3.
South Shields	Feb 3, 19, 20; Mar 17, 27; Oct 1, 19; Nov 1, 3.	Bidston	Jan 6; Feb 2, 3, 7, 17, 19, 20; July 1; Aug 15-17; Sept 9; Oct 1-3, 18, 19, 31; Nov 1, 3, 5, 9.
Leeming	Feb 19, 20; Oct 18, 19; Nov 1, 3.	7b NORTH WALES	
Waddington	Nov 3.	Valley	Jan 18, 21, 31; Feb 1-4, 9, 17, 19, 20; Mar 4, 18; Aug 15, 16, 20; Sept 2, 8-10, 17; Oct 2, 3, 5, 19, 20, 29-31; Nov 3, 16, 23; Dec 6, 16.
Cranwell	Feb 19; Oct 19; Nov 3.	8a SOUTH WALES	
Coningsby	Feb 3, 17, 19, 20; Aug 16; Oct 2, 19; Nov 3.	Milford Haven C.B.	Jan 8, 23; Feb 19; Aug 15, 16; Sept 8-10; Nov 3, 20, 23.
Binbrook	Feb 17, 19, 20; Nov 3.	Port Talbot	Jan 8; Feb 12; Mar 18; Aug 16; Nov 3; Dec 6.
3 ENGLAND, E.		Rhoose	Feb 2; Aug 16; Oct 2; Nov 3; Dec 26.
Marham	Feb 20.	8b ENGLAND, S.W.	
Coltishall	Feb 20.	Portland Bill C.G.	Jan 23; Feb 7, 12, 19, 20; Mar 4; Apr 13; Oct 2; Nov 3, 17, 18, 19; Dec 6, 26.
Honington	Oct 2.	Mount Batten	Jan 9, 23; Feb 2, 9, 12, 19, 22; Mar 4; June 4; Aug 15, 16; Sept 9; Oct 2; Nov 11, 19.
Wattisham	Feb 7, 17, 20.	Chivenor	Jan 23; Feb 2, 12, 19; Sept 10; Dec 6.
Cardington	Feb 19, 20; Nov 3.	Scilly	Jan 7, 8, 13, 17, 19, 22, 23; Feb 2, 4, 7-14, 17, 19-22, 25; Mar 4, 8, 12; Apr 25; Aug 15; Sept 9, 10; Oct 20; Nov 17-20, 22, 25; Dec 26, 27, 29.
Rothamsted	Feb 19; Nov 3.	St Mawgan	Jan 8, 22, 23; Feb 2, 8, 9, 12, 19, 22; Mar 4; Aug 15; Nov 19, 22.
Shoburyness	Feb 12, 17, 20, 22; Sept 10; Oct 2; Nov 3, 17, 19.	9 NORTHERN IRELAND	
4 MIDLAND COUNTIES		Ballykelly	Feb 3; Mar 18; Oct 2, 18, 19, 31; Nov 1, 3.
Sheffield	Feb 3, 19, 20; July 25; Oct 2, 19, 31; Nov 1, 3; Dec 6.	Coleraine University	Jan 5; Feb 3, 22; Oct 2, 18-20, 31; Nov 1, 3.
Church Fenton	Feb 3, 19, 20; Mar 20; Oct 1, 2, 19, 31; Nov 1, 3.	Aldergrove	Nov 3.
Watnall	Nov 3.	Ballypatrick Forest	Jan 5, 8, 9, 17-21, 24, 29, 31; Feb 1-3, 6, 7, 16, 17, 20-23; Mar 1, 2, 16-18, 20, 27, 30; Apr 5; May 20, 21, 31; June 4, 21, 29; July 1; Sept 1, 9; Oct 1, 2, 18-20, 31; Nov 1, 3, 8; Dec 4, 16.
		Belfast Harbour	Jan 5, 21; Feb 1, 17, 19; Mar 18; Aug 16; Sept 9; Oct 2, 18-20, 31; Nov 1, 3, 9; Dec 6.
		Kilkeel	Jan 31; Feb 1; Aug 15, 16; Sept 9; Oct 2, 18, 19, 31; Nov 3; Dec 7.
		Orlock Head	Jan 20, 21, 31; Feb 2, 3, 7, 17, 19-23; Mar 2, 18, 27, 30, 31; Apr 1, 5; Aug 16; Sept 9; Oct 1, 2, 18-20, 31; Nov 1, 3; Dec 29, 30.
		Carrigans	Feb 2, 3, 22; Mar 18, 20; Oct 18, 31; Nov 3.
		Castle Archdale Forest	Jan 19; Feb 22; Sept 9; Oct 2, 18, 31; Nov 1, 3.
		CHANNEl ISLES	
		Jersey Airport	Jan 23; Feb 12, 14; Nov 19.

TABLE XIII—SOLAR RADIATION AND ILLUMINATION,		YEAR	1970
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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	837	12 June	1	23 Jan	219.0	365	433	19 June	1	23 Jan	138.7	365	1041	18 June	1	23 Jan	267.8	365
Eskdalemuir	806	4 June	2	15 Dec	232.9	365	367	1 Aug	2	15 Dec	140.9	365	981	4 June	3	15 Dec	275.7	365
Cambridge																		
London/W.Centre ..	767	4 June	8	29 Dec	252.5	365	360	14 June	7	29 Dec	144.0	365	882	13 July	11	10 Jan, 10 Dec	290.8	365
Kew	778	3 June	11	29 Dec	265.6	365	376	26 June	11	29 Dec	150.2	365	993	12 July	17	29 Dec	343.4	365
Bracknell	820	3 June	15	29 Dec	268.7	365	387	15 June	14	29 Dec	158.3	365	960	3 June	19	29 Dec	316.6	365
Aberporth	829	11 July	10	12 Jan	270.5	365	431	25 June	10	12 Jan	160.7	365	-	-	-	-	-	-
Aldergrove	794	5 June	9	19 Dec	240.6	365	437	13 June	9	19 Dec	153.5	365	-	-	-	-	-	-
Jersey Airport	819	20 May	11	29 Jan	307.7	365	449	17 July	7	29 Jan	161.8	365	920	20 May	13	29 Jan	337.3	365

TABLE III—CORRECTIONS TO 1961 MWR RAINFALL

STATION	Month	Monthly Figures				Most in a day		Annual Figures			
		Total Fall (in)	Percentage of Average	.01 in or more	.04 in or more	Amount (in)	Date	Total Fall (in)	Percentage of Average	.01 in or more	.04 in or more
Gorleston	January	3.08	140		16	.67	9			160	123
Shoeburyness		1.72	94					19.12		137	96
Cromer				20	16			26.02	107	171	132
Regent's Park	February	2.30		14	13			25.49		140	106
Moor House		7.10		18	18			78.84		242	193
Whitstable		2.39	179		13			20.09	98		100
Coryton		2.11		13	11			20.63		128	91
Ushaw College		1.51	73			.25	6, 8				
Hurley		2.61		15	13			25.62		146	113
Shoeburyness		2.19	167		12						
Cromer		.96	52	12	8						
Darwen	March	2.64	81	15	11			62.58	114	218	186
London Airport		.13	9	2	1			21.91	91	141	100
Barrow				10	9					189	160
Penkridge	April			17	15	.82	13			146	125
Regent's Park				18	12						
Rustington		3.07			12			29.76			102
Clacton				14						152	
Compton		(3.37)		21	17	.55	25				
Rugby	May			6	3	.22	4			160	122
Penkridge		.61		7	6			26.15			
Buxton		2.25	78	11	7			50.31	104	210	165
Dovercourt				7	5					149	106
Long Sutton		.86	42	6	5	.35	4	29.65		152	116
Lacock		1.29		7	7	.33	2	25.34		166	118
Regent's Park	June			5	5						
Newport, Mon	July	2.60	78	9	8			40.64	(101)	161	144
Aber		3.17	103	(16)	(11)	1.09	13	46.46	111	(199)	(160)
Raunds				11	7	.52	2			160	109
Long Sutton				11	6	.53	12				
Compton		(1.85)		10	9	(.50)	(15)				
Ruthin	August	2.00		14	13			29.52		166	139
Penkridge					15						
Sellafield				19	13					196	157
Poulton-le-Fylde		4.49				1.12	3	38.30		197	146
Compton		(2.02)		11	8	(.50)	(4)				
Birmingham K.E.S.				19	17	.39	7	25.38		159	124
Hayling Island	September	2.49						24.83			
Lyonshall						.58	29				
Poulton-le-Fylde		2.84		16	11						
Cromer		3.20	147			.84	13				
Grizedale	October	9.11						77.35			
Letcombe Regis					15	.42	22				118
Sutton Bonington		1.88	88		13			21.51	94		117
Maldon						.67	4				
Gorleston				14	12						
Long Sutton		3.37	105		15						
Cromer		4.07	162	18	17	.90	19				
Ruthin	November			13	11						
Eastwick Lodge		1.47	60	11	8			23.50		148	111
Writtle				13						141	
Long Sutton		2.24	63								
Poulton-le-Fylde		3.40		19	13						
Poole	December	3.37		(15)	(15)	.43	29	30.95		(147)	(115)
Burnley		3.53		16	14			46.48		203	166
Carlisle				13	12					189	145
Buxton		3.98	83			.60	10				
Acklington		2.50			11			25.55			118
Birmingham K.E.S.		2.91			11						
Cromer		2.91	124		10						

TABLE III—AMENDED RAINFALL PERCENTAGES FOR (A) CAMPS RESERVOIR

(B) DERBY (C) SHIPTON-ON-STOUR

YEAR	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1967 (a)	59	163	149	62	222	74	102	79	123	164	59	52	105
(b)		108	78	43		49	44	44	110	197	56	63	86
1968 (a)	66	98	124	92	131	68	114	40	149	118	59	51	90
(b)		52	63	118		143	171	73	135	85	101	55	101
1969 (a)	70	56	40	59	163	90	82	78	53	56	124	77	78
(b)		121	120	103		57	93	87	34	15	111	122	105
1970 (a)	81	142	75	121	70	100	156	67	111	82			
(b)		131	124	154		112	64	128	58	63	169	49	97
(c)	128	119	101	94	51	129	92	130	70	23	218		

Amendments to M. W. R.

Introduction 1969. Page 193 should be page 241 on contents page.

November 1969. Text Rainfall. Second paragraph, last line, should be 1840 (not 1841).

February 1970. Text Sunshine. Line 4 delete "Springburn Park (Glasgow) and", line 5 delete ", " "1881 and" and "respectively".

Table III. Height of Jersey St. Helier for all 1970 should be 55 metres.

Table III. Ballypatrick Forest. Delete percentage of average sunshine for January to September 1970.

Table III. Scilly, St. Marys. Amend height of station for December 1926 to 1952 (whole year) inclusive from 163 ft. to 158 ft.

Aldergrove (Co. Antrim). Amend all heights as shown below, with effect from 1963:

Table II Above M.S.L. 79 m (261 ft.)

Table III 68 m (223 ft.)

Table IV Above M.S.L. 73 m (241 ft.)

TABLE XIII—CORRECTIONS

YEAR	MONTH	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
1969	March	Cambridge	472																	
1970	December	Eskdalemuir					32.2						20.0						37.2	
	January	Bracknell													147				64.5	31
	March	Lerwick	339	28	42	16	167.7	31	219	28	42	16	121.1	31	394	28	46	12	199.9	31
		Eskdalemuir	393	25	53	1	240.3	31	200	31	53	1	134.1	31	457	25	66	1	278.0	31
		Cambridge	414				230.5						143.4	31						
		London W/Centre	390	27	24	4	190.6	31	194	22	24	24	125.7	31	414	27	33	4	212.2	31
	April	Bracknell			47		202.7	31					140.1	31					231.6	31
		Aberporth	500				236.3	31	262	30	85	1	148.0	31						
		Aldergrove					227.3	31	172	31			180.9	31						
		Aberporth	615	19	98	22	362.5	30	329	28	92	22	210.9	30	-	-	-	-	-	-
		London W/Centre	493	27			272.7	30					183.1	30					307.9	30
		Kew	522	28	92	13	298.8	30	301	30	79	13	193.5	30	627	27	134	13	381.9	30
		Bracknell	524	28	120	12	315.3	30	296	14	112	12	211.8	30	609	28	159	12	375.6	30
		Aldergrove	579	26	90	12	321.3	30	287	29	90	12	201.4	30	-	-	-	-	-	-
	May	Lerwick	570	21	104	22	369.0	30	260	27	103	22	202.7	30	658	30	137	22	427.5	30
		Eskdalemuir	521	27	76	16	315.5	30	311	30	75	16	199.1	30	611	29	109	16	377.8	30
		Cambridge	503	30	98	13	312.9	30	333	30	95	13	209.4	30	-	-	-	-	-	-
		Aldergrove					395.7	31					268.6	31						
	July	Bracknell					442.5	31					255.0	31					511.8	31
		Cambridge					422.9	31			137	30	257.9	31						
	August	Cambridge					374.7	31					223.9	31						
		Eskdalemuir																		
	September	Kew							93	3	22	23	59.4	30	419	5	26	17	233.0	30
	November																31	23	116.6	

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