



METEOROLOGICAL OFFICE

THE
MONTHLY
WEATHER REPORT
1966

LONDON : HER MAJESTY'S STATIONERY OFFICE
1967

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THE MONTHLY WEATHER REPORT, 1966

Vol. 83

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INTRODUCTION

The *Monthly Weather Report* summarises weather observations taken at some 600 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 making the returns. It also gives particulars of the various items tabulated. Every three or four years 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. It also contains additional tables and a special section on wind.

A BRIEF HISTORY OF THE MONTHLY WEATHER REPORT

Monthly summaries of observations made at stations in connection 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 was published in the *British Meteorological and Magnetic Year Book*, Part III, Section 2, and for the period 1922-56 in the *Observatories Year Book*. Further historical details of the development of the *Monthly Weather Report* will be found in the 1915 volume. Most of the changes made in later years are indicated in subsequent volumes. A note on the revision of the *Monthly Weather Report* in 1956 is included in the Introduction to the 1955 volume.

GENERAL ARRANGEMENT OF THE MONTHLY PARTS

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

1. General remarks on the development of the weather and the movement of weather systems 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 having been selected as representative of each district. There are ten districts. Northern Ireland is one, each of the other nine is made up of a number of adjacent counties in Britain broadly grouped according to their general climatic features. The counties in each district are shown in column 1 of Table III.
3. Table II. Summary of autographic records of wind.
4. A plate of four maps showing:
 - (a) The distribution of pressure based on observations at selected stations at 9 h. (G.M.T.) in full lines together with the normal distribution of pressure at 9 h. over the period 1931-60 in dotted lines. The isobars are extended over the Irish Republic from data kindly supplied by the Director of the Meteorological Service, Dublin.
 - (b) The distribution of mean temperature at sea level over the land and mean sea temperature in coastal waters.
 - (c) The distribution of bright sunshine in hours per day.
 - (d) Anomalies of 1 foot earth temperature. From January 1967 these will be known as anomalies of 30 cm. earth temperature.
5. A full-page map showing by isohyetal lines the distribution of the month's precipitation. This map is based on data from about 2,500 stations.
6. Table III. Summaries for individual stations, of extreme and mean air temperatures, mean earth temperatures at 1 foot and 4 feet, rainfall, sunshine, and weather 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 wind, made at fixed hours which are indicated in the table for each station.
8. Table XIII. Solar radiation and illumination at certain stations.
9. Table VIII. Monthly frequencies of maximum and minimum temperatures at 20 selected stations.
10. Additions and corrections to tables.

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, a short survey of the main synoptic features, and a description of the development of the weather during the year.
2. A table giving a summary of autographic records of wind, corresponding to Table II in the monthly parts of the report, is given in the wind section of the Summary and becomes Table IX.

* London Meteorological Office; *Observer's Handbook*, 2nd Edn. London H.M.S.O. 1956

3. Maps and Tables I, III, IV, VIII and XIII corresponding to those in the monthly issues but based on data for the year as a whole.
 4. Table V. Highest and lowest maximum and minimum temperatures during the year at each station.
 5. Table VI. Monthly frequencies of duration of bright sunshine at 20 selected stations.
 6. Table VII. Frequency of specified daily rainfall totals for 30 selected stations.
 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 of 48 kt or more occurred during the year.
- Tables IX, X, XI and XII together comprise the wind section.

NOTES ON THE TABLES
TABLE I. DISTRICT VALUES

A table in this form was started in 1908, 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 where they are based on the much larger number of stations used in *British Rainfall*. The highest and lowest temperatures refer only to District Value Stations.

Dist.	Station	Element	Dist.	Station	Element	Dist.	Station	Element
0	Fortrose	TR - - S	3	Cambridge ..	TR E1 E4 S	7	Bidston	TR - - S
	Lerwick	TR - - S		Gorleston ..	TR E1 E4 S		Nelson	- E1 E4 -
	Onich	TR - - S		Rothamsted ..	TR E1 E4 S		Valley	TR - - S
	Stornoway ..	TR - - S		Shoeburyness ..	TR - - S		Ringway ..	TR - - S
	Wick	TR - - S		Sprowston ..	TR - - S		Newton Rigg ..	TR - - S
				Woburn	- E1 E4 -		Stonyhurst ..	TR - - S
				Clacton	- E1 E4 -		Wrexham	- E1 E4 -
1	Craibstone ..	TR E1 E4 S					Spadeadam ..	- E1 E4 -
	Dundee	TR - - S	4	Birmingham ..	TR - - S	8	Long Ashton ..	TR - - S
	Edinburgh ..	TR - - S		Bradford	TR E1 E4 -		Cardiff	TR E1 E4 S
	Bush House ..	- E1 E4 -		Buxton	- E1 E4 -		Falmouth	TR - - S
	Marchmont ..	TR - - S		Huddersfield ..	- - - S		Ilfracombe ..	- E1 E4 -
	Forres	TR - - S		Nottingham ..	TR - - S		Plymouth	- E1 E4 -
	Arbroath	- - - S		Oxford	TR E1 E4 S		Llandrindod Wells	TR - - S
	St. Andrews ..	- E1 E4 -		Raunds	- E1 E4 -		Swansea	- E1 E4 -
6	Dumfries	TR E1 E4 S		Ross-on-Wye ..	TR E1 E4 S		Teignmouth ..	TR - - S
	Eskdalemuir ..	TR - - S	5	East Malling ..	TR - - S			
	Auchincruive ..	- E1 E4 -		Hastings	TR E1 E4 S		NORTHERN	
	Paisley	- E1 E4 -		Kew	TR E1 E4 S		IRELAND	
	Abbotsinch ..	TR - - S		Margate	- E1 E4 -		Aldergrove ..	T - - S
	Rothsay	TR - - S		Porton	TR - - S		Armagh	T - - S
	Stirling	- E1 E4 -		Southampton ..	TR - - S		Ballykelly ..	T - - S
	Tiree	TR - - S		Wisley	- E1 E4 -		Moneydig	T - - S
2	Cockel Park ..	TR - - S		Reading	- E1 E4 -		Hillsborough ..	- - - S
	Cranwell	TR E1 E4 S					Castle Archdale	
	Durham	TR E1 E4 S					Forest	T - - S
	Hull	TR E1 E4 S						
	Scarborough ..	TR - - S						
	Lincoln	- E1 E4 -						

In the above table TR stands for temperature and rainfall, E1 and E4 for earth temperature at 1 foot and 4 feet respectively and S for sunshine.

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 the sign €.

TABLE II. SUMMARY OF AUTOGRAPHIC RECORDS OF WIND

This table was started in 1914 and there were minor revisions in 1932 and 1956.

About half the records used in the preparation of this table are obtained from pressure-tube anemographs; the remainder being obtained from electrical recorders.

DISTRIBUTION OF MEAN HOURLY VALUES OF WIND SPEED

The classification of wind speed is based on the Beaufort scale of wind force (see *Observer's Handbook*, 1956 ed., page 74). For an anemograph complying with the specification 'head 33 ft (10 m) above ground in the open' the several columns for mean hourly distribution correspond to wind speeds (measured over an hour) equivalent to Force 8 and

* Meteorological Office, *British Rainfall*, London.

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' columns. The 'Effective Height' is an estimate of the height at which an anemometer would record an equal mean velocity in a situation free from obstructions. From January 1967 all heights quoted in Table II will be given in metres.

The duration in each category is the number of 60-minute periods ended at exact hours (GMT) 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 (GMT). 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 highest values recorded, but, owing to defective records, may not be the extreme values for the month or year.

TABLE III. SUMMARY OF DAILY OBSERVATIONS

This table was first published in its present form in 1915.

AIR TEMPERATURE

The terminal hours (GMT) 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 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 utilised 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.

The measurements of air temperature are made in white painted louvered screens supported over short grass in the open, the bulbs of the thermometers being approximately 4 feet above ground. The nearest object should be at least twice its height away from the screen. At Kew the thermometers are 10 feet above the ground in a louvered screen on the north wall.

EARTH TEMPERATURES

Measurements of earth temperature are taken at 9 h (GMT) from thermometers suspended in steel tubes sunk vertically in the ground, the bulb of the thermometer being at the appropriate depth. The tubes are fitted with small metal covers so that water will not collect in the tubes. From January 1967, although the depths (1 ft and 4 ft) will not be changed they will be quoted as 30 cms and 122 cms respectively.

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 (GMT), and as the greater part of this period occurs on the day previous to that of reading, the amount is credited to that day. That is, the amount read at 9 h (GMT) on the first day of a month is credited to the last day of previous month and is used in computing the monthly total for that month. From January 1967, all rainfall measurements will be given in millimetres.

WEATHER

Number of days of precipitation. Every day when rainfall (over the 24-hour period 9 h to 9 h (GMT)) exceeds the limits .01 inch (0.2 mm) and .04 inch (1 mm) 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 is observed to fall, at any time of the day (from midnight to midnight GMT), is counted even though the quantity is so small that no measurable amount is collected in the rain gauge.

Snow lying at 9 h (GMT). Every day when snow is lying at 9 h (GMT), covering half or more of the flat ground easily visible from the station and not differing from it in altitude by more than 100 feet, is counted. 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 (GMT), is counted as a day of thunder.

Fog at 9 h (GMT). The entry of 'fog' implies that regular observations of the range of vision are made. Days of fog are those on which the range of vision is less than 1,100 yards (1000 metres) at 9 h (GMT). 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 (GMT), was below 0.0°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 (GMT) was below 0°C, the thermometer having been set and exposed at 21 h (GMT) or soon after sunset the previous evening, or, at stations where this is not possible, at 9 h (GMT) 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 (GMT) or to the shorter period covering the whole night (e.g. sunset to 9 h GMT).

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.

TABLE IV. SUMMARY OF OBSERVATIONS AT FIXED HOURS

This table in its present form was started in 1915, but a table in the *Monthly Weather Report* as early as 1908 included values of humidity and cloud amount at the mid-day hour of observation.

Since January 1945 the hours of observation have been 3, 9, 15, 21 h (GMT) and from that date departure from the average pressure at 9 h (GMT) have been given.

MEAN AIR PRESSURE

This is expressed in millibars (1 millibar = 1,000 dynes per square centimetre = the pressure due to 750.062 mm of mercury at 0°C, and standard gravity 980.665 cm/sec².) 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 are based on readings of dry- and wet-bulb thermometers in louvered screens. The observations are reduced by Hygrometric Tables based on a formula by Regnault, issued by the Meteorological Office and revised in 1964. 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.

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, '8' to overcast; '9' indicates 'sky obscured or cloud amount cannot be estimated'.

VISIBILITY

The ranges, specified by international arrangement in metres, are given at the head of the appropriate columns in yards or miles, but from January 1967 these ranges will be given in metres and kilometres.

WIND SUMMARIES

At stations where there are anemographs the mean speed over the 10 minutes ending at the hour (corrected to a height of 33 feet) is used; at other stations the frequencies are estimates, at the time of observation, of wind force on the Beaufort scale.

Tables III and IV together include practically all the items comprised in the international forms of monthly climatological summaries (Formats I to IV of Annexe 12A of the *Guide to Climatological Practices*, World Meteorological Organisation, Geneva); and they give, in addition, information regarding the duration of bright sunshine, mean earth temperatures at 1 foot and 4 feet, the number of observations of different ranges of visibility and the number of observations of the different total amounts of cloud. From January 1967 all rainfall figures will be quoted in millimetres, visibility ranges in metres and kilometres, earth temperature depths in centimetres and all heights will be expressed in metres.

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. Illumination is measured by recording illuminometer (with photocells) of Kew Mk. III or Mk. V pattern.

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 that 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 data which have been partly or wholly estimated then the value will be given in brackets.

From January 1, 1957, the radiation values were 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

The height of 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. A note on the errors arising from differences between the old Liverpool Ordnance Datum and the Newlyn Ordnance Datum adopted in Great Britain 1933 was included in the Introduction for 1953. From January 1, 1964, altitudes in Northern Ireland refer to the Belfast Datum. On the average the Belfast Datum is about 1 foot lower than the Newlyn Datum. From January 1967 all heights will be given in metres.

HIGH LEVEL STATIONS—EXTREMES OF TEMPERATURE

From January 1965 onwards in order not to give undue prominence to minimum temperatures at high level stations:

1. Extremes in Table I refer to District Value stations only.
2. Extremes, taking into account all the stations published, are given in the text, the next 'best' being quoted as necessary.
3. The highest and lowest temperatures recorded in each district are underlined in Table III.

AVERAGES

RAINFALL (TABLE III)

The averages refer to the period 1916-1950 and are 'weighted' if the record is not complete for that period. The averages of rainfall are given in *Averages of Rainfall for Great Britain and Northern Ireland, 1916-1950* (M.O.635).

PRESSURE (TABLE IV)

The averages refer to 9 h (GMT) for the period 1931-1960 and have been 'weighted' where necessary.

TEMPERATURE AND SUNSHINE (TABLE III)

The averages refer to the period 1931-1960 and are given in *Averages of Temperature for Great Britain and Northern Ireland, 1931-1960* (M.O. 735) and *Averages of Bright Sunshine for Great Britain and Northern Ireland, 1931-1960* (M.O. 743) respectively.

EARTH TEMPERATURES 1 FOOT AND 4 FEET

The averages refer to the period 1921-1950 and are given in *Averages of Earth Temperature for the British Isles* (M.O.665). From January 1967 the averages will refer to the period 1931-1960.

STANDARDS OF TIME

All time entries in the *Monthly Weather Report* are in Greenwich Mean Time. British Summer Time was in force from March 20 to October 23, during this period clocks were 1 hour in advance of Greenwich Mean Time. At all other times clocks referred to Greenwich Mean Time. Observations were made at the same hours by Greenwich Mean Time throughout the year.

INTERPOLATED VALUES

When the observations for any station for a month are incomplete and relevant data (e.g. records from neighbouring stations), which make it practicable to estimate approximate values for the missing observations, are available, such approximate values may be used for completing summaries for stations published in Tables III and IV. Values obtained in this way are shown in brackets thus: (11.3).

SEA TEMPERATURE

Mean sea-surface temperatures for the months of the year 1966 are shown by figures within circles on the temperature maps in the monthly issues of the Report. In general the values are derived from readings of ships under way, or from light vessels, certain of which send returns of sea temperatures to the Meteorological Office.

LIST OF STATIONS MAKING RETURNS

The following is a complete list of climatological stations in Tables III and IV and of anemograph stations in Table II; the last list was published in 1963. Stations which send in monthly returns of observations, but which are not published in the Report, are printed in italics.

In the tables of the *Monthly Weather Report* the stations are arranged in districts and counties; but in the amendment lists hereunder the alphabetical order is adopted. The latitude and longitude of each station to the nearest minute are given (National Grid References can be supplied if required) and a column indicating the type of station has been added, according to the following scheme.

O. Observatories. These stations maintain continuous records of all meteorological elements and are staffed by Meteorological Office personnel.

Sa, Sb. Synoptic Stations. The observations from these stations are primarily used in preparing synoptic charts for weather forecasting, but climatological returns are also made. They are of two types: stations manned by Meteorological Office personnel (Sa), and auxiliary stations manned by coastguards, lighthouse-keepers, etc. (Sb).

C. Climatological Stations. These stations contribute observations made daily at 9 h (GMT) (and at certain stations at other times also) of temperature (wet and dry bulb), wind, cloud amount and weather, with the daily maximum and minimum temperature, the daily rainfall and remarks on the weather. Observations of visibility and records of sunshine are commonly made at these stations as well.

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

H. Health Resort Stations. These are climatological stations co-operating with the Meteorological Office under a health resort scheme. They make observations at 6 p.m. clock time (and in some cases at 9 a.m. clock time in addition when this differs from 9 h GMT) which are reported to the Meteorological Office by telegram for communication to the national press.

A. Anemograph Stations. These stations provide summaries of wind speed and direction which are published in Table II of the *Monthly Weather Report*.

Sun. Sunshine Stations. Some stations report sunshine only, usually for special reasons of situation.

Station	Type	County	Lat.	Long.	Authority
Abbotsinch	SaA	Renfrew	55 52N	04 26W	Meteorological Office
Aber	Ag	Caernarvon	53 14N	04 01W	Professor of Agriculture
Aberdeen	C	Aberdeen	57 08N	02 08W	Town Clerk
Aberporth	SaA	Cardigan	52 08N	04 34W	Meteorological Office
Aberystwyth	H	Cardigan	52 25N	04 04W	Town Clerk
Aberystwyth Frongoch	Ag	Cardigan	52 25N	04 03W	Univ. College of Wales, Inst. of Rural Science
Abingdon	SaA	Berkshire	51 41N	01 19W	Meteorological Office
Achaglachgach	C	Argyll	55 49N	05 31W	Forestry Commission (Scotland)
Achany	C	Sutherland	57 59N	04 25W	Forestry Commission (Scotland)
Achfary	C	Sutherland	58 19N	04 55W	Her Grace, Anne, Duchess of Westminster
Achnagoichan	C	Inverness	57 09N	03 48W	The Nature Conservancy
Achnashellach	C	Ross and Cromarty	57 29N	05 16W	Forestry Commission (Scotland)
Acklington	Sa	Northumberland	55 18N	01 38W	Meteorological Office
Addington	C	Greater London	51 32N	00 04W	Croydon Corporation
Aldeburgh	Sb	Suffolk	52 09N	01 36E	Board of Trade
Aldenham School	C	Hertford	51 40N	00 20W	Mr. D. H. Robertson
Aldergrove	SaA	Antrim	54 39N	06 13W	Meteorological Office
Alderney	C	Channel Isles	49 42N	02 13W	Clerk of the States of Alderney
Alice Holt Lodge	Ag	Hampshire	51 11N	00 51W	Forestry Commission
Altnahinch Filters	C	Antrim	55 03N	06 15W	Ballymoney R.D.C.
Alwen	C	Denbigh	53 04N	03 33W	Wirral Water Board
Ambleside	C	Westmorland	54 26N	02 57W	Lakes Urban District Council
Amersham	A	Buckingham	51 22N	01 09W	U.K. Atomic Energy Authority
Ampleforth	C	Yorks., N.R.	54 12N	01 05W	Rev. M. R. Everest
Arbroath	C	Angus	56 33N	02 35W	Town Council
Ardalnaig	C	Perth	56 32N	04 07W	Mr. M. K. Browne
Armagh	C	Armagh	54 21N	06 39W	Armagh Observatory
Askham Bryan	Ag	Yorks., W. R.	53 57N	01 05W	Principal, Institute of Agriculture
Auchincruive	Ag	Ayr	55 29N	04 34W	W. Scotland Agricultural College
Avonmouth	CA	Gloucester	51 30N	02 43W	Port of Bristol Authority
Aylesbury	Ag	Buckingham	51 47N	00 47W	County Education Committee
Ballingry	C	Fife	56 10N	03 19W	Headmaster, Ballingry Secondary School
Ballyhalbert	Sun	Down	54 30N	05 29W	Mr. T. D. Boyd
Ballykelly	SaA	Londonderry	55 04N	07 01W	Meteorological Office
Ballymoney	C	Antrim	55 04N	06 31W	Headmaster, Dalriada School
Ballypatrick Forest	C	Antrim	55 10N	06 09W	Forestry Division (NI)
Balmacara House	C	Ross and Cromarty	57 17N	05 39W	Principal, Balmacara House
Balmoral	C	Aberdeen	57 02N	03 12W	Balmoral Estate Office
Baltasound	C	Zetland	60 46N	00 53W	Mr. S. S. S. Polson
Banff	C	Banff	57 40N	02 31W	Town Clerk
Bardsley Island	Sb	Caernarvon	52 45N	04 48W	Trinity House
Bargrennan	C	Kirkcudbright	55 04N	04 34W	Forestry Commission (Scotland)
Baronscourt Forest	C	Tyrone	54 41N	07 27W	Forestry Division (NI)
Barr	C	Ayr	55 13N	04 43W	Forestry Commission (Scotland)
Barrhead	C	Renfrew	55 49N	04 23W	Burgh Surveyor

Station	Type	County	Lat.	Long.	Authority
Bath C.B.S.	C	Somerset	51 22N	02 22W	Senior Geography Master
Beaghs Forest	C	Antrim	55 04N	06 11W	Forestry Division (NI)
Bedford R. A. E.	A	Bedford	52 13N	00 29W	R.A.E. Bedford
Belfast Harbour	A	Antrim	54 38N	05 53W	Belfast Harbour Commissioners
Bell Rock	A	Angus	56 26N	02 24W	Northern Lighthouse Board
Belper	C	Derby	53 01N	01 29W	Headmaster, Herbert Strut School
Benbecula	SaA	Inverness	57 28N	07 22W	Meteorological Office
Benmore Forestry School	Ag	Argyll	56 02N	04 59W	Forestry Commission (Scotland)
Benmore Younger Bot. Gdn.	C	Argyll	56 01N	04 59W	Regius Keeper, Royal Botanic Gardens
Berkeley	A	Gloucester	51 41N	02 30W	Central Electricity Generating Board
Berwick-on-Tweed	C	Northumberland	55 46N	02 00W	Borough Surveyor
Bessbrook	Sun	Armagh	54 12N	06 24W	Mr. J. S. W. Richardson
Bexhill	H	Sussex	50 50N	00 28E	Borough Council
Bidston	CA	Cheshire	53 24N	03 04W	Director of Observatory
Binbrook	Sa	Lincoln	53 26N	00 12W	Meteorological Office
Birmingham King Edw. Schl.	C	Warwick	52 27N	01 55W	Headmaster, King Edward's School
Black Mountain	Sb	Antrim	54 35N	06 01W	Independent Television Authority
Blaenau Ffestiniog	C	Merioneth	52 59N	03 56W	Headmaster, County School
Blairstown	C	Perth	56 35N	03 21W	Parks Superintendent
Bletchley	C	Buckingham	52 00N	00 44W	Headmaster, Grammar School
Blyth Bridge	Ag	Peebles	55 42N	03 22W	Animal Breeding Research Organisation
Bodiam	C	Sussex	51 00N	00 33E	Guinness Hop Farms Ltd.
Bognor Regis	H	Sussex	50 47N	00 41N	Urban District Council
Boscombe Down	SaA	Wiltshire	51 10N	01 45N	Meteorological Office
Botwnnog	C	Caernarvon	52 51N	04 34N	Headmaster, Botwnnog School
Bournemouth	H	Hampshire	50 43N	01 53W	Medical Officer of Health
Bovingdon	Sa	Hertford	51 43N	00 32W	Meteorological Office
Bowhill	C	Selkirk	55 32N	02 54W	Factor, Buccleuch Estates Ltd.
Boxworth	Ag	Cambridge	52 15N	00 01W	Exp. Husbandry Farm
Bracknell	C	Berkshire	51 25N	00 45W	Meteorological Office
Bracknell (Easthampstead)	Sun	Berkshire	51 23N	00 47W	Meteorological Office
Bradford	C	Yorks., W. R.	53 49N	01 46W	Corporation of Bradford
Bradwell Bay	A	Essex	51 44N	00 54E	Central Electricity Generating Board
Braemar	C	Aberdeen	57 00N	03 24W	Mr. J. C. Donaldson
Bramham	Ag	Yorks., W.R.	53 52N	01 20W	Prof. of Agriculture, Leeds University
Brawdy	CA	Pembroke	51 53N	05 09W	Commanding Officer, R.N.A.S.
Bridgnorth	Sun	Shropshire	52 32N	02 25W	Mr. H. E. Trevor
Bridlington	H	Yorks., E. R.	54 06N	00 12W	East Yorks. Water Board
Brigg	C	Lincoln	53 34N	00 29W	Mr. R. Williamson
Brighton	H	Sussex	50 49N	00 08W	Engineer, Corporation Waterworks
Brodick Castle	C	Bute	55 36N	05 09W	The National Trust for Scotland
Bromley	C	Greater London	51 24N	00 01E	Borough Engineer
Broom's Barn	Ag	Suffolk	52 16N	00 34E	Broom's Barn Experimental Station
Bryn Adda	Ag	Caernarvon	53 13N	04 09W	University College of N. Wales
Buddon Ness	C	Angus	56 28N	02 44W	Dundee Harbour Trust
Bude	C	Cornwall	50 50N	04 33W	Urban District Council
Bugbrooke Mills	C	Northampton	52 13N	01 00W	Messrs. Heygates Ltd.
Burghfield	A	Berkshire	51 25N	01 01W	Royal Ordnance Factory
Burlingham	Ag	Norfolk	52 38N	01 30E	Norfolk Education Committee
Burnley	C	Lancashire	53 47N	02 15W	Medical Officer of Health
Bush House	Ag	Midlothian	55 51N	03 12W	School of Agriculture
Buxton	C	Derby	53 15N	01 55W	Borough Librarian and Curator
Bwlchgwyn	C	Denbigh	53 04N	03 09W	Wrexham and E. Denbighshire Water Co.
Cairngorm	C	Inverness	57 08N	03 39W	Wintersports Development Board
Caistor	C	Lincoln	53 30N	00 22W	Cherry Valley Farms Ltd.
Caldecott	C	Leicester	52 31N	00 44W	Corby and District Water Co.
Callander	C	Perth	56 15N	04 12W	The Town Clerk
Calshot	A	Hampshire	50 49N	01 18W	Harbour Master
Cambridge Bot. Gdn.	C	Cambridge	52 12N	00 08E	University, Botanic Garden
Cambridge N.I.A.B.	Ag	Cambridge	52 13N	00 06E	Nat. Inst. of Agricultural Botany
Camden Square	C	Greater London	51 33N	00 08W	Royal Meteorological Society
Campbeltown	C	Argyll	55 26N	05 36W	Town Clerk
Camp's Reservoir	C	Lanark	55 29N	03 35W	County Water Engineer
Cannich	C	Inverness	57 17N	04 49W	Forestry Commission (Scotland)
Cannington	Ag	Somerset	51 09N	03 04W	Somerset Farm Institute
Cape Wrath	Sb	Sutherland	58 37N	05 00W	Northern Lighthouse Board
Cardiff	C	Glamorgan	51 30N	03 10W	Medical Officer of Health
Cardington	SaA	Bedford	52 07N	00 25W	Meteorological Office
Carlisle	SaA	Cumberland	54 56N	02 57W	Meteorological Office
Carmarthen	Ag	Carmarthen	51 51N	04 18W	Carmarthenshire Education Committee
Carnoustie	C	Angus	56 30N	02 43W	Burgh Surveyor
Carnwath	C	Lanark	55 42N	03 38W	Lee and Carnwath Estates
Carrigans	SbA	Tyrone	54 40N	07 19W	Mr. R. J. McConnell
Castle Archdale Forest	CA	Fermanagh	54 28N	07 42W	Forestry Division (NI)
Castle Douglas	Sun	Kirkcudbright	54 57N	03 53W	Imperial Chemical Industries Ltd.
Cawood	Ag	Yorks., W.R.	53 50N	01 08W	Experimental Husbandry Station
Ceinws	C	Montgomery	52 28N	03 50W	Forestry Commission
Chapelcross	A	Dumfries	55 01N	03 13W	Health and Safety Division
Chapel-en-le-Frith	C	Derby	53 20N	01 55W	Works Chemist, Ferodo Ltd.
Chatsworth	C	Derby	53 14N	01 37W	Trustees of Chatsworth Settlement
Cheddar Secondary School	C	Somerset	51 16N	02 47W	The Headmaster, Kings of Wessex Sec. Schl.
Cheltenham	C	Gloucester	51 54N	02 03W	Town Clerk
Chesterfield	C	Derby	53 14N	01 25W	Headmaster, Chesterfield School
Chiseldon	C	Wiltshire	51 31N	01 42W	Mr. N. Brooks

Station	Type	County	Lat.	Long.	Authority
Chivenor	Sa	Devon	51 05N	04 09W	Meteorological Office
Chopwellwood	C	Durham	54 55N	01 47W	Forestry Commission
Christchurch	C	Hampshire	50 44N	01 47W	Chief Engineer, W. Hants Water Co.
Church Stretton	Sun	Shropshire	52 31N	02 50W	Surveyor, Urban District Council
Cirencester	Ag	Gloucester	51 43N	01 57W	Principal, Royal Agricultural College
Clacton-on-Sea	H	Essex	51 47N	01 09E	Urban District Council
Clatteringshaws	C	Kircudbright	55 05N	04 16W	South of Scotland Electricity Board
Clee Hill	Sb	Shropshire	52 24N	02 35W	Ministry of Aviation
Cleethorpes	H	Lincoln	53 33N	00 01W	Engineer and Surveyor
Coatbridge	C	Lanark	55 51N	04 03W	Manager, Sewage Works
Cockle Park	Ag	Northumberland	55 13N	01 41W	Professor of Agriculture, King's College
Coire Cas Shieling	C	Inverness	57 08N	03 39W	Caingorm Wintersports Development Board
Colonsay	C	Argyll	56 05N	06 11W	Rt. Hon. Lord Strathcona
Coltishall	Sa	Norfolk	52 46N	01 21E	Meteorological Office
Colwyn Bay	H	Denbigh	53 17N	03 43W	The Borough Treasurer
Compton	Ag	Berkshire	51 31N	01 15W	Agricultural Research Council
Cookstown	Ag	Tyrone	54 36N	06 45W	Loughtry Agricultural College
Corbridge	C	Northumberland	54 59N	02 01W	Headmaster, Corbridge County Sec. Schl.
Corwen	Ag	Merioneth	52 57N	03 25W	Animal Breeding Research Organisation
Coryton	A	Essex	51 30N	00 31E	Mobil Oil Co. Ltd.
Coventry	C	Warwick	52 24N	01 34W	Medical Officer of Health
Craibstone	Ag	Aberdeen	57 11N	02 12W	N. Scotland Agricultural College
Craighouse	C	Argyll	55 51N	05 57W	Forestry Commission (Scotland)
Cranwell	SaA	Lincoln	53 02N	00 30W	Meteorological Office
Creighton's Green	C	Down	54 38N	05 47W	Mr. J. Boyd
Cromer	H	Norfolk	52 56N	01 17E	Urban District Council
Crossgar	C	Down	54 24N	05 45W	Mr. T. J. MacMillan
Cross Island	Sun	Down	54 31N	05 38W	Mr. D. Chamberlain
Crossmyloof	C	Lanark	55 50N	04 17W	Hutcheson's Boys Grammar School
Crumblant Plantation	Ag	Monmouth	51 43N	02 46W	Forestry Commission
Culdrose	C	Cornwall	50 05N	05 14W	Commanding Officer R.N.A.S.
Cumbernauld	CA	Dumbarton	55 58N	03 58W	Chief Architect and Planning Officer
Cupar	C	Fife	56 20N	02 59W	British Sugar Corporation Ltd.
Cwm Dyli	C	Caernarvon	53 04N	04 00W	Nature Conservancy
Cwmystwyth	Ag	Cardigan	52 10N	03 42W	Pwllpeiran Experimental Husbandry Farm
Dale Fort	C	Pembroke	51 42N	05 09W	Field Studies Council
Dall	C	Perth	56 41N	04 18W	Headmaster, Rannoch School
Dalmacallan	C	Dumfries	55 11N	03 53W	Forestry Commission (Scotland)
Dartford	C	Kent	51 26N	00 13E	Borough Engineer and Surveyor
Davidson's Mains	C	Midlothian	55 58N	03 17W	Mr. J. W. Younger
Deal	Sb	Kent	51 14N	01 24E	Board of Trade (Coastguard Section)
Deal (Time Ball Tower)	Sun	Kent	51 13N	01 24E	Entertainments and Publicity Manager
Derby	C	Derby	52 56N	01 28W	Borough Engineer and Surveyor
Derrynoyd Forest	C	Londonderry	54 47N	06 48W	Forestry Division (NI)
Dinnet	Ag	Aberdeen	57 07N	02 55W	North of Scotland School of Agriculture
Divis Mountain	C	Antrim	54 36N	06 00W	Queen's University
Douglas	H	Isle of Man	54 10N	04 29W	Borough Surveyor
Dounreay	CA	Caithness	58 35N	03 45W	U.K. Atomic Energy Authority
Dover	CA	Kent	51 07N	01 19E	Borough Engineer
Dover, R.M.S.	C	Kent	51 07N	01 19E	Headmaster, Royal Military School
Dovercourt	H	Essex	51 55N	01 15E	Borough Engineer and Surveyor, Harwich
Duirinish	A	Ross and Cromarty	57 19N	05 41W	British Transport Commission
Dumfries	C	Dumfries	55 04N	03 36W	Physician Supt., Crichton Royal Institute
Dunbar	H	East Lothian	56 00N	02 31W	Burgh Surveyor
Dunblane	C	Perth	56 11N	03 58W	Burgh Surveyor
Dundee	C	Angus	56 28N	02 56W	Director of Studies, Training College
Dundee Harbour	C	Angus	56 28N	02 58W	Dundee Harbour Trust
Dundeugh	C	Kirkcudbright	55 10N	04 12W	Forestry Commission (Scotland)
Dungeness	SbA	Kent	50 55N	00 58E	Trinity House
Duntulm	C	Inverness	57 39N	06 22W	Mr. Seton Gordon, C.B.E.
Durham	CA	Durham	54 46N	01 35W	Director, University Observatory
Dyce	SaA	Aberdeen	57 12N	02 12W	Meteorological Office
Earls Colne	C	Essex	51 55N	00 42E	Headmaster, Grammar School
Earls Hill	Sb	Stirling	56 04N	04 03W	Station Engineer
East Bergholt	C	Suffolk	51 57N	01 02E	Director, Field Studies Council
Eastbourne	H	Sussex	50 46N	00 17E	Medical Officer of Health
Eastbourne Coastguard	Sb	Sussex	50 47N	00 18E	Board of Trade (Coastguard Section)
East Dereham	C	Norfolk	52 41N	00 57E	Mr. H. A. J. Gray
East Hoathly	Sb	Sussex	50 55N	00 09E	Decca Navigation
East Malling	Ag	Kent	51 17N	00 27E	Director, Research Station
Eastwick Lodge	C	Hertford	51 47N	00 05E	Chief Eng., Harlow Development Corporation
Edgbaston	SbA	Warwick	52 28N	01 56W	University of Birmingham
Edinburgh : Blackford Hill	CA	Midlothian	55 55N	03 11W	Astronomer Royal for Scotland
„ East Craigs	Ag	Midlothian	55 57N	03 19W	Director, Dept. of Agriculture for Scotland
„ Royal Bot. Gdn... .. .	C	Midlothian	55 58N	03 12W	Curator, Botanic Gardens
Elgin	C	Moray	57 39N	03 17W	Town Council
Ellbridge	Ag	Cornwall	50 27N	04 15W	Agricultural Executive Committee
Elmdon	SaA	Warwick	52 27N	01 45W	Meteorological Office
Elmstone	C	Kent	51 17N	01 10E	Mr. J. B. Henderson
Eskdalemuir	OA	Dumfries	55 19N	03 12W	Meteorological Office
Everton	Ag	Hampshire	50 44N	01 34W	Director, Experimental Horticultural Stn.
Evie	C	Orkney	59 06N	03 05W	Mr. John Will
Exeter	Sa	Devon	50 44N	03 25W	Meteorological Office

Station	Type	County	Lat.	Long.	Authority
Exeter Southam	C	Devon	50 43N	03 30W	S/Ldr. C. Chesterfield
Exmouth	H	Devon	50 36N	03 24W	East Devon Water Board
Falkirk	C	Stirling	56 00N	03 48W	Sanitary Inspector
Falmouth	H	Cornwall	50 09N	05 05W	Town Clerk
Faskally	C	Perth	56 43N	03 46W	Dept. of Agriculture and Fisheries for Scotland
Faversham	Ag	Kent	51 17N	00 52E	Director, National Fruit Trials.
Fernhurst	Ag	Sussex	51 02N	00 42W	Plant Protection Ltd.
Fettercairn	C	Kincardine	56 54N	02 32W	Manager, Hill Farm Research Organisation
Filey	H	Yorks., E. R.	54 13N	00 17W	Clerk of the Council
Filton	Sa	Gloucester	51 31N	02 35W	Meteorological Office
Finaghy	C	Antrim	54 33N	05 58W	Mr. M. Fitzpatrick
Finchampstead	Ag	Berkshire	51 25N	00 55W	Mr. J. R. Allison
Finnart	C	Dunbarton	56 07N	04 50W	Supt. British Petroleum Co. Ltd.
Finningly	Sa	Nottingham	53 29N	01 00W	Meteorological Office
Fleetwood	A	Lancashire	53 56N	03 01W	Parks Superintendent
Folkestone	H	Kent	51 05N	01 11E	Borough Engineer
Forres	C	Moray	57 37N	03 36W	Town Clerk
Fort Augustus	C	Inverness	57 08N	04 40W	Procurator, The Abbey
Fort Augustus (N.S.H.E.B.)	A	Inverness	57 08N	04 43W	North of Scotland Hydro-Electric Board.
Fortrose	C	Ross and Cromarty	57 35N	04 05W	Town Clerk
Fort William	C	Inverness	56 50N	05 05W	Headmaster, Schoolhouse, Camaghael
Fowey	C	Cornwall	50 21N	04 38W	Borough Surveyor
Fyvie Castle	C	Aberdeen	57 27N	02 27W	Sir Ian Forbes-Leith
Garstang	Ag	Lancashire	53 55N	02 48W	Director, Nat. Inst. of Agr. Botany
Garston	CA	Hertford	51 42N	00 23W	Director, Building Research Station
Garvagh Forest	C	Londonderry	54 58N	06 41W	Forestry Division (NI)
Gateshead	C	Durham	54 57N	01 35W	Chief Public Health Inspector
Gatwick	SaA	Surrey	51 09N	00 11W	Meteorological Office
Gillingham	C	Kent	51 24N	00 34E	Borough Engineer
Glamis Castle	C	Angus	56 37N	03 00W	Earl of Strathmore
Glasgow Springburn	C	Lanark	55 53N	04 14W	Director of Parks, The Corporation
Glenanne	SbA	Armagh	54 15N	06 30W	Col. A. H. Glendinning
Glenbranter	C	Argyll	56 08N	05 02W	Forestry Commission (Scotland)
Gleneagles	C	Perth	56 17N	03 45W	British Transport Hotels
Glen Etive	C	Argyll	56 35N	05 01W	Forestry Commission (Scotland)
Glenlee	Sb	Kirkcudbright	55 06N	04 11W	South of Scotland Electricity Board
Glenlivet	Sb	Banff	57 21N	03 21W	Mr. J. Williams
Glenloch Barrage	C	Kirkcudbright	54 52N	04 02W	South of Scotland Electricity Board
Glenmore Lodge	Sb	Inverness	57 10N	03 40W	Director of Field Studies
Glenoshee Lodge	C	Perth	56 48N	03 25W	Col. C. Peel
Glentress	C	Peebles	55 39N	03 08W	Forestry Commission (Scotland)
Gloucester	Sa	Gloucester	51 52N	02 13W	Meteorological Office
Gogerddan	Ag	Cardigan	52 26N	04 01W	Director, Plant Breeding Station
Gordon Castle	C	Moray	57 37N	03 05W	Col. G. C. Gordon Lennox
Gorleston	SbA	Norfolk	52 35N	01 43E	Board of Trade (Coastguard Section)
Goudhurst	C	Kent	51 04N	00 27E	Forestry Commission
Grangemouth	C	Stirling	56 01N	03 43W	Burgh Eng. for Town Council of Grangemouth
Grantown-on-Spey	C	Moray	57 20N	03 37W	Strathspey Estates
Great Dun Fell	SbA	Westmorland	54 41N	02 27W	Ministry of Aviation
Greenmount	Ag	Antrim	54 41N	06 13W	Greenmount Agricultural College
Greenock	C	Renfrew	55 56N	04 46W	Water Engineer
Greenwich	C	Greater London	51 29N	00 00W	National Maritime Museum
Grendon Underwood	C	Buckingham	51 54N	01 01W	Hydraulics Research Station
Grizedale	C	Lancashire	54 21N	03 01W	Forestry Commission
Guernsey Airport	SaA	Channel Isles	49 26N	02 36W	The Commandant, States Airport
Guernsey L'Anresse	H	Channel Isles	49 30N	02 32W	States Tourist Committee
Gulval	Ag	Cornwall	50 08N	05 32W	Sutton and Sons Ltd.
Haddington	C	East Lothian	55 57N	02 47W	Town Clerk
Halesowen	C	Worcester	52 26N	02 04W	Mr. C. G. Roberts
Hamnavoe	C	Shetland	60 06N	01 20W	Mr. Riddell
Hampstead	C	Greater London	51 34N	00 11W	Mr. R. A. Tyssen-Gee
Hampton	CA	Greater London	51 25N	00 22W	Metropolitan Water Board
Happendon Station	Sb	Lanark	55 36N	03 50W	Capt. J. Ross
Harlow	C	Essex	51 46N	00 08E	Standard Telecommunication Lab's. Ltd.
Harrogate	C	Yorks., W. R.	54 01N	01 33W	Borough Engineer
Hartland Point	Sb	Devon	51 01N	04 32W	Board of Trade (Coastguard Section)
Hastings	H	Sussex	50 51N	00 34E	Director of Publicity
Hawarden Bridge	C	Flint	53 12N	03 01W	Messrs. J. Summers and Sons Ltd.
Hawkrigde	Ag	Somerset	50 58N	03 36W	Experimental Husbandry Farm
Hayden Bridge	C	Northumberland	54 58N	02 15W	Headmaster, Shaftoe Trust School
Hayling Island	H	Hampshire	50 47N	00 59W	Urban District Council, Havant
Heathrow	SaA	Greater London	51 29N	00 27W	Meteorological Office
Helens Bay	C	Down	54 40N	05 45W	Mr. J. D. Boyd
Helensburgh	C	Dumbarton	56 01N	04 43W	Burgh Surveyor
Helmshore	Ag	Lancashire	53 41N	02 20W	Experimental Husbandry Farm
Hempsted	C	Gloucester	51 50N	02 16W	City Engineer and Surveyor
Herne Bay	H	Kent	51 22N	01 07E	Clerk of the Council
High Mowthorpe	Ag	Yorks., E. R.	54 06N	00 38W	Experimental Husbandry Farm
Hillsborough	C	Down	54 27N	06 04W	Agricultural Research Institution
Hinkley Point	A	Somerset	51 12N	03 11W	Central Electricity Generating Board
Hoddesdon	Ag	Hertford	51 44N	00 05W	Director, Lee Valley Exp. Hort. Station
Houghall	Ag	Durham	54 46N	01 34W	Principal, School of Agriculture

Station	Type	County	Lat.	Long.	Authority
Huddersfield	C	Yorks., W. R. ..	53 38N	01 43W	Town Clerk
Huddersfield Oakes	Sb	Yorks., W. R. ..	53 39N	01 50W	Mr. S. Morris Bower
Hull	C	Yorks., E. R. ..	53 45N	00 16W	General Superintendent, Parks Department
Hunterston	CA	Ayr	55 43N	04 52W	South of Scotland Electricity Board
Huntly	Sb	Aberdeen	57 27N	02 47W	Mrs. A. J. Williams
Hurley	Ag	Berkshire	51 32N	00 49W	Director, Grassland Research
Hurn	SaA	Hampshire	50 47N	01 50W	Meteorological Office
Ilfracombe	H	Devon	51 12N	04 08W	Urban District Council
Ilkely	C	Yorks., W. R. ..	53 55N	01 50W	Surveyor and Engineer
Inveralmond	C	Perth	56 25N	03 28W	John Dewar and Sons Ltd.
Inverness	C	Inverness	57 29N	04 13W	Firemaster, Northern Area Fire Brigade
Inverpollly	C	Ross and Cromarty	58 04N	05 16W	Nature Conservancy
Isle of Grain	CA	Kent	51 27N	00 43E	Tech. Supt., Kent Oil Refinery Ltd.
Isle of Rhum	C	Inverness	57 01N	06 17W	Nature Conservancy
Jersey Airport	SaA	Channel Isles ..	49 12N	02 11W	Airport Commandant
Jersey Gorey Castle	Sun	Channel Isles ..	49 12N	02 01W	States Committee of Tourism
Jersey St. Helier	H	Channel Isles ..	49 11N	02 07W	The Greffier
Keele	CA	Stafford	53 00N	02 16W	Professor of Geography, University College
Kelso	C	Roxburgh	55 35N	02 26W	Town Council
Kelso (Floors)	C	Roxburgh	55 36N	02 28W	Roxburgh Estate Office
Kensington Palace	C	Greater London ..	51 31N	00 10W	Bailiff of the Royal Parks
Kew	OA	Greater London ..	51 28N	00 19W	Meteorological Office
Kielder Castle	C	Northumberland ..	55 14N	02 34W	Forestry Commission
Kildonan	Sb	Bute	55 26N	05 06W	Board of Trade (Coastguard Section)
Kilgortnaleague	Sb	Fermanagh	54 25N	07 38W	Mr. R. Atkinson
Kilkeel	SbA	Down	54 03N	05 59W	Board of Trade (Coastguard Section)
Killough	Sb	Down	54 14N	05 37W	Board of Trade (Coastguard Section)
Kilnsea	Sb	Yorks., E. R. ..	53 37N	00 09E	Board of Trade (Coastguard Section)
Kilmarnock	C	Ayr	55 37N	04 31W	Town Council
Kilroot	C	Antrim	54 43N	05 45W	Imperial Chemical Industries Ltd.
Kinlochewe	C	Ross and Cromarty	57 37N	05 18W	Nature Conservancy
Kinloss	SaA	Moray	57 39N	03 34W	Meteorological Office
Kirkcaldy	C	Fife	56 08N	03 10W	Town Clerk
Kirkham	Ag	Lancashire	53 48N	02 53W	Director, Experimental Horticultural Stn.
Kirkwall	SaA	Orkney	58 58N	02 54W	Meteorological Office
Knockmany Forest	C	Tyrone	54 26N	07 10W	Forestry Division (NI)
Knutsford	C	Cheshire	53 18N	02 21W	Mr. Robert Bowles
Lacock	Ag	Wiltshire	51 26N	02 07W	Crops Lecturer, Lackham School of Agric.
Lake Vyrnwy	C	Montgomery	52 45N	03 28W	Chief Engineer, Liverpool Corporation
Lanark	C	Lanark	55 40N	03 47W	West of Scotland College of Agriculture
Largs	C	Ayr	55 48N	04 52W	Town Council
Larkhill	SaA	Wiltshire	51 12N	01 48W	Meteorological Office
Larne	C	Antrim	54 51N	05 50W	Mr. T. A. McKinley, Grammar School
Lathom Park	C	Lancashire	53 34N	02 49W	Pilkington Bros. Ltd.
Lauder	C	Berwick	55 44N	02 46W	Forestry Commission (Scotland)
Leadhills	C	Lanark	55 25N	03 45W	Mr. Douglas Grant
Leckford	C	Hampshire	51 07N	01 27W	General Manager, Leckford Estate Ltd.
Leconfield	Sa	Yorks., E. R. ..	53 53N	00 26W	Meteorological Office
Leeming	SaA	Yorks., N. R. ..	54 18N	01 32W	Meteorological Office
Lepthimmore	Ag	Argyll	56 05N	05 15W	Hill Farming Research Org.
Lerwick	OA	Zetland	60 08N	01 11W	Meteorological Office
Letchworth	C	Hertford	51 58N	00 13W	Urban District Council
Letcombe Regis	C	Berkshire	51 35N	01 27W	Agricultural Research Council
Leuchars	SaA	Fife	56 23N	02 52W	Meteorological Office
Lincoln	C	Lincoln	53 14N	00 34W	City Engineer and Surveyor
Lislap Forest	C	Tyrone	54 42N	07 16W	Queen's University
Lisnafillan	C	Antrim	54 51N	06 19W	Messrs. Gallaher Ltd.
Lisnaskea	C	Fermanagh	54 16N	07 28W	Milk Marketing Board (NI)
Littlehampton	H	Sussex	50 48N	00 32W	Urban District Council
Little Rissington	Sa	Gloucester	51 52N	01 42W	Meteorological Office
Lizard	SbA	Cornwall	49 57N	05 12W	Board of Trade (Coastguard Section)
Llandudno	H	Caernarvon	53 20N	03 50W	Medical Officer of Health
Llandrindod Wells	C	Radnor	52 14N	03 22W	Urban District Council
Llety-evan-Hen	Ag	Cardigan	52 27N	03 56W	Welsh Plant Breeding Station
Llwynon	C	Brecknock	51 47N	03 26W	Water Engineer, Cardiff
Llyn Stwlan	C	Merioneth	52 53N	03 52W	Central Electricity Generating Board
Loggerheads	C	Denbigh	53 03N	03 14W	Liverpool Education Committee
London W/Centre	ASun	Greater London ..	51 31N	00 07W	Meteorological Office
Long Ashton	AgA	Somerset	51 26N	02 40W	Director, Agric. and Hort. Research Stn.
Long Sutton	Ag	Hampshire	51 15N	00 56W	Principal, Lord Wandsworth College
Lossiemouth	CA	Moray	57 43N	03 20W	Commanding Officer, R.N.A.S.
Lough Braden	C	Tyrone	54 36N	06 36W	Lough Braden, WW Jt. Bd.
Loughermore Forest	C	Londonderry	54 57N	07 05W	Forestry Division (NI)
Loughgall	Ag	Armagh	54 24N	06 36W	Plant Breeding Division
Lough Navar Forest	C	Fermanagh	54 26N	07 54W	Forestry Division (NI)
Lowestoft	H	Suffolk	52 30N	01 45E	Borough Treasurer
Lowther Hill	SbA	Lanark	55 23N	03 45W	Ministry of Aviation
Lowtown	Ag	Antrim	54 50N	06 01W	Greenmount Agricultural College
Luddington	Ag	Warwick	52 10N	01 46W	Experimental Horticultural Station
Lurgon	C	Armagh	54 27N	06 20W	Craigavon Design Office
Luton	C	Bedford	51 54N	00 25W	Borough Engineer

Station	Type	County	Lat.	Long.	Authority
Lyneham	Sa	Wiltshire	51 30N	01 59W	Meteorological Office
Lyonshall	C	Hereford	52 13N	02 58W	Mr. R. H. Green
Macclesfield	C	Cheshire	53 15N	02 08W	Superintendent of Parks
Machrihanish	Sa	Argyll	55 26N	05 43W	Meteorological Office
Mackworth	C	Derby	52 55N	01 31W	Headmaster, Secondary Modern School
Maldon	C	Essex	51 44N	00 40E	Town Clerk
Malham Tarn	C	Yorks., W. R. ..	54 06N	02 10W	Field Studies Council
Malvern	C	Worcester	52 06N	02 18W	Urban District Council
Manby	SaA	Lincoln	53 21N	00 05E	Meteorological Office
Manchester W/Centre	SunA	Lancashire	53 29N	02 15W	Meteorological Office
Mansfield	C	Nottingham	53 09N	01 11W	Borough Surveyor
Manston	Sa	Kent	51 21N	01 21E	Meteorological Office
Marchmont	C	Berwick	55 44N	02 25W	Lady McEwen
Margate	H	Kent	51 24N	01 24E	Town Clerk
Marham	Sa	Norfolk	52 39N	00 33E	Meteorological Office
Marholm	C	Northampton ..	52 36N	00 19W	Lord Fitzwilliam
Marlborough	C	Wiltshire	51 25N	01 44W	Headmaster, Marlborough College
Martyr Worthly	Ag	Hampshire	51 06N	01 16W	Experimental Husbandry Farm
Medmenham	C	Buckingham	51 33N	00 50W	Water Research Association
Mertoun	C	Berwick	55 35N	02 34W	The Duke of Sutherland
Mickleham	C	Surrey	51 16N	00 19W	Field Studies Council
Mildenhall	SaA	Suffolk	52 22N	00 28E	Meteorological Office
Milford Haven C.B.	SbA	Pembroke	51 42N	05 03W	The Harbour Master
Millport	CA	Bute	55 45N	04 54W	Dr. H. Barnes, Marine Research Station
Moneydig	Sb	Londonderry ..	54 59N	06 36W	Mr. J. Porter
Monkswood	C	Huntingdon	52 24N	00 14W	Nature Conservancy
Montrose	C	Angus	56 43N	02 28W	Sunnyside Royal Hospital
Moor House	CA	Westmorland ..	54 41N	02 23W	Nature Conservancy
Morcombelake	Sb	Dorset	50 45N	02 50W	Major C. Bucke
Morecambe	H	Lancashire	54 04N	02 52W	Town Clerk
Moreton Morrell	Ag	Warwick	52 12N	01 33W	Principal, Institute of Agriculture
Morley	Ag	Derby	52 57N	01 25W	Warden, Farm Institute
Mount Batten	SaA	Devon	50 21N	04 07W	Meteorological Office
Mull of Galloway	Sb	Wigtown	54 38N	04 51W	Northern Lighthouse Board
Mumbles Head	Sb	Glamorgan	51 34N	03 59W	Board of Trade (Coastguard Section)
Mylnefield	Ag	Angus	56 27N	03 04W	Director, Scottish Hort. Research Inst.
Nairn	C	Nairn	57 35N	03 52W	Town Clerk
Neath	C	Glamorgan	51 39N	03 51W	National Oil Refineries Ltd.
Nelson	C	Lancashire	53 50N	02 12W	Medical Officer of Health
Ness Gardens	C	Cheshire	53 16N	03 03W	The University of Liverpool
Newport	Ag	Monmouth	51 33N	03 02W	Technical Officer i/c, Exp. Hort. Station
Newport	Ag	Shropshire	52 46N	02 26W	Harper Adams Agric. College
Newquay	H	Cornwall	50 25N	05 05W	Clerk to the Council
Newry Abbey	C	Down	54 10N	06 20W	Christian Brothers School
Newton Abbot	Ag	Devon	50 33N	03 39W	Seale-Hayne Agricultural College
Newton Rigg	Ag	Cumberland	54 40N	02 47W	Cumberland and Westmorland Farm Sch.
Newton Stewart	C	Wigtown	54 58N	04 29W	The Rector, Douglas-Ewart High School
Newtonabbey	Ag	Antrim	54 39N	05 55W	Nematology Laboratory
Newtown Linford	C	Leicester	52 41N	01 13W	Mr. E. A. Bronser
North Hessary Tor	Sb	Devon	50 33N	04 00W	B.B.C. London
Nottingham	C	Nottingham	52 57N	01 09W	City Engineer and Surveyor
Nottingham Training College	C	Nottingham	52 54N	01 11W	Mr. W. Middlebrook, Notts. Training College
Oaken	C	Stafford	52 35N	02 12W	Mr. A. J. Parks
Onecote	Ag	Stafford	53 07N	01 57W	Mr. J. A. Johnson
Onich	C	Inverness	56 43N	05 13W	Forestry Commission (Scotland)
Orielton	C	Pembroke	51 39N	04 57W	Field Studies Council
Oswestry	C	Shropshire	52 51N	03 04W	Chief Engineer, Liverpool Corporation
Oxford	C	Oxford	51 46N	01 16W	Professor of Geography
Paignton	H	Devon	50 26N	03 34W	Clerk of the Council
Paisley	CA	Renfrew	55 51N	04 26W	Director, Coats Observatory
Palnure	C	Kirkcudbright ..	54 57N	04 25W	Forestry Commission (Scotland)
Parkmore Forest	C	Antrim	55 01N	06 07W	Queens University
Penicuik	C	Midlothian	55 50N	03 13W	Mr. J. T. Baldwin
Penketh	C	Lancashire	53 23N	02 40W	Headmaster, Greystone Heath School
Penkridge	Ag	Stafford	52 42N	02 06W	Principal, Farm Institute
Penwhirn	C	Wigtown	54 59N	04 55W	County Surveyor and Engineer
Penzance	H	Cornwall	50 07N	05 32W	Town Clerk
Pershore Inst. of Hort.	Ag	Worcester	52 06N	02 03W	Institute of Horticulture
Pershore	SaA	Worcester	52 08N	02 02W	Meteorological Office
Perth	C	Perth	56 24N	03 27W	Town Clerk
Pickering	C	Yorks., W. R. ..	54 15N	00 46W	Mr. John Randall
Pitlochry	C	Perth	56 43N	03 44W	Town Clerk
Pitreaive	Sa	Fife	56 03N	03 25W	Meteorological Office
Plumpton	Ag	Sussex	50 54N	00 05W	Principal, School of Agriculture
Plymouth Hoe	CA	Devon	50 22N	04 08W	Medical Officer of Health
Point of Ayre	SbA	Isle of Man	54 25N	04 22W	Northern Lighthouse Board
Polloch	C	Argyll	56 45N	05 37W	Forestry Commission (Scotland)
Pomeroy Forest	C	Tyrone	54 35N	06 54W	Forestry Division (NI)
Pontefract	C	Yorks., W. R. ..	53 42N	01 19W	Headmaster, King's School
Poole	H	Dorset	50 45N	01 59W	Town Clerk
Poolewe	C	Ross and Cromarty	57 47N	05 36W	National Trust for Scotland

Station	Type	County	Lat.	Long.	Authority
Portadown	C	Armagh	54 26N	06 25W	Craigavon Design Office
Porthcawl	C	Glamorgan	51 27N	03 43W	Urban District Council
Portland Bill	SbA	Dorset	50 32N	02 27W	Trinity House
Porton	SaA	Wiltshire	51 07N	01 42W	Meteorological Office
Portrush	Sun	Antrim	55 13N	06 40W	Urban District Council
Port Talbot	CA	Glamorgan	51 34N	03 45W	Steel Company of Wales Ltd.
Poulton-le-Fylde	C	Lancashire	53 50N	03 00W	Headmaster, Baines Grammar School
Prabost	C	Inverness	57 28N	06 19W	Mr. R. Murray
Prestatyn	H	Flint	53 20N	03 24W	Urban District Council
Preston	C	Lancashire	53 46N	02 42W	Jeremiah Horrocks Observatory
Preston Wynne	Ag	Hereford	52 07N	02 30W	Rosemaund Exp. Husbandry Farm
Prestwick	SaA	Ayr	55 30N	04 35W	Meteorological Office
Princetown	C	Devon	50 33N	03 59W	The Governor, H.M. Prison
Pubble Forest	C	Fermanagh	54 21N	07 28W	Forestry Division (NI)
Ramsgate	H	Kent	51 20N	01 25E	Borough Engineer and Surveyor
Rannoch	A	Perth	56 41N	04 35W	Estate and Rating Surveyor
Ratray Head	Sb	Aberdeen	57 37N	01 50W	Inspector, H.M. Coastguard, E. Scot. Divn.
Raunds	C	Northampton	52 20N	00 31W	Mr. T. C. Smith
Reading	Ag	Berkshire	51 27N	00 58W	Professor of Geography
Reading S.T.G.	C	Berkshire	51 27N	00 56W	Royal Seed Establishment
Reagh Island	C	Down	54 31N	05 38W	Mr. J. D. Boyd
Redcar	C	Yorks., N. R.	54 37N	01 04W	Town Clerk
Regents Park	C	Greater London	51 31N	00 09W	Park Superintendent
Rhoose	SaA	Glamorgan	51 24N	03 21W	Meteorological Office
Rhuvaal	Sb	Argyll	55 56N	06 07W	Northern Lighthouse Board
Rhyl	H	Flint	53 19N	03 30W	Urban District Council
Ringway	SaA	Cheshire	53 21N	02 16W	Meteorological Office
Rochdale	C	Lancashire	53 38N	02 10W	Roch Mills Sewage Works
Rodney Stoke	C	Somerset	51 15N	02 43W	The Nature Conservancy
Ronaldsway	SaA	Isle of Man	54 05N	04 38W	Isle of Man Government
Roscor	Sb	Fermanagh	54 26N	08 02W	Mr. T. McGorty
Rosetta	C	Down	54 34N	05 55W	Carolyn Grammar School
Rosewarne	Ag	Cornwall	50 13N	05 18W	Experimental Horticultural Station
Ross-on-Wye	Sb	Hereford	51 55N	02 35W	Mr. F. J. Parsons
Rothamsted	AgA	Hertford	51 48N	00 21W	Director, Experimental Station
Rotherham	C	Yorks., W. R.	53 25N	01 19W	Mr. L. Atkinson
Rothsay	C	Bute	55 50N	05 04W	Buteshire Natural History Society
Rudh Re	Sb	Ross and Cromarty	57 52N	05 49W	Northern Lighthouse Board
Rugby	C	Warwick	52 22N	01 15W	Rugby Weather Centre
Rustington	Ag	Sussex	50 49N	00 31W	Director, Glasshouse Crops, Res. Inst.
Ruthin	C	Denbigh	53 07N	03 18W	Headmaster, Brynhyfryd School
Ryde	H	Isle of Wight	50 44N	01 10W	Superintendent, Publicity Dept.
St. Abb's Head	Sb	Berwick	55 55N	02 08W	Northern Lighthouse Board
St. Albans	Ag	Hertford	51 46N	00 18W	Institute of Agriculture
St. Andrews	C	Fife	56 20N	02 47W	Burgh Engineer
St. Austell	C	Cornwall	50 20N	04 47W	Urban District Council
St. Catherine's Point	Sb	Isle of Wight	50 35N	01 17W	Trinity House
St. James' Park	C	Greater London	51 30N	00 08W	Bailiff of the Royal Parks
St. Kilda	C	Inverness	57 48N	08 34W	Officer Commanding, R.A. G. W. Range
St. Mary's Isle	C	Kirkcudbright	54 49N	04 04W	Mr. J. W. Campbell
St. Mawgan	Sa	Cornwall	50 26N	05 00W	Meteorological Office
Salsburgh	Sb	Ayr	55 52N	03 52W	Independent Television Authority
Sandown	H	Isle of Wight	50 39N	01 09W	Urban District Council
Santon Downham	Ag	Norfolk	52 28N	00 41E	Forestry Commission
Scarborough	H	Yorks., N. R.	54 17N	00 24W	Medical Officer of Health
Scilly	SbA	Cornwall	49 56N	06 18W	Board of Trade (Coastguard Section)
Seahouses	Sb	Northumberland	55 35N	01 39W	Board of Trade (Coastguard Section)
Sellafield	CA	Cumberland	54 25N	03 30W	U.K. Atomic Energy Authority
Shaftesbury	C	Dorset	51 01N	02 12W	Headmaster, Modern School
Shanklin	H	Isle of Wight	50 37N	01 11W	Urban District Council
Shawbury	Sa	Shropshire	52 48N	02 41W	Meteorological Office
Sheffield	CA	Yorks., W. R.	53 23N	01 29W	Director, City Museum
Shin	A	Sutherland	57 57N	04 25W	Shin Generating Station
Shinfield	Ag	Berkshire	51 25N	00 57W	Professor of Horticulture
Shipston-on-Stour	C	Warwick	52 04N	01 42W	Mr. A. W. Beecham
Shirburn Castle	C	Oxford	51 40N	00 59W	Mr. J. D. G. Parker
Shoeburyness	SaA	Essex	51 32N	00 49E	Meteorological Office
Shrewsbury	C	Shropshire	52 43N	02 43W	Medical Officer of Health
Sidmouth	C	Devon	50 41N	03 14W	Surveyor, Council Offices
Silpho Moor	Ag	Yorks., N. R.	54 20N	00 31W	Forestry Commission (Research Branch)
Silsoe	Ag	Bedford	52 01N	00 25W	National Inst. of Agricultural Engineering
Skegness	H	Lincoln	53 09N	00 21E	Engineer and Surveyor
Skokholm Island	C	Pembroke	51 42N	05 16W	Field Studies Council
Slaidburn	C	Yorks., W. R.	53 59N	02 26W	Engineer, Fylde Water Board
Slaidburn No. 10 Site	C	Yorks., W. R.	53 59N	02 25W	Engineer, Fylde Water Board
Slapton	C	Devon	50 11N	03 37W	Field Studies Council
Sloy	Sb	Dumbarton	56 15N	04 43W	North of Scotland, Hydro-Electric Board
Somerset Forest	C	Londonderry	55 06N	06 41W	Forestry Division (NI)
Sourhope	Ag	Roxburgh	55 29N	02 15W	Hill Farming Research Organisation
Southampton	C	Hampshire	50 55N	01 24W	Director General, Ordnance Survey Office
Southend	H	Essex	51 32N	00 42E	Pier Master
S. Farnborough	SaA	Hampshire	51 17N	00 45W	Meteorological Office
Southgate	CA	Greater London	51 38N	00 07W	The London Borough of Enfield

Station	Type	County	Lat.	Long.	Authority
Southport	HA	Lancashire	53 40N	03 00W	Town Clerk
Southsea	H	Hampshire	50 48N	01 06W	Medical Officer of Health
South Shields	A	Durham	55 00N	01 26W	Tyne Improvement Commission
Spadeadam	CA	Cumberland	55 02N	02 38W	E.T.A. Engineer, Rolls Royce Ltd.
Speke	SaA	Lancashire	53 20N	02 51W	Meteorological Office
Sprowston	Ag	Norfolk	52 40N	01 21E	Director, Agricultural Station
Squires Gate	SaA	Lancashire	53 46N	03 02W	Meteorological Office
Stanhope Farm	Ag	Peebles	55 33N	03 24W	Animal Breeding Research Organisation
Stanstead Abbots	C	Hertford	51 46N	00 00	Chief Engineer, Sewage Purification Works
Stansted	SaA	Essex	51 53N	00 13E	Meteorological Office
Starcross	Ag	Devon	50 38N	03 27W	Dep. Prov. Director, Min. of Agr. & Fish.
Stenness	C	Orkney	58 59N	03 13W	Mr. P. Leith
Stirling	C	Stirling	56 07N	03 56W	Sanitary Inspector
Stirling Batterflats	C	Stirling	56 07N	03 57W	Stirling Corporation
Stone	Ag	Stafford	52 53N	02 11W	Animal Breeding Research Organisation
Stonehaven	C	Kincardine	56 58N	02 12W	Town Clerk
Stonyhurst	C	Lancashire	53 51N	02 28W	Rev. J. E. Worthy, The College
Stormont Castle	C	Down	54 35N	05 48W	Works Division
Stornoway	Sa	Ross and Cromarty	58 13N	06 20W	Meteorological Office
Stornoway Coastguard	A	Ross and Cromarty	58 12N	06 22W	Board of Trade
Strabane	C	Tyrone			
Stratford-on-Avon	Ag	Warwick	52 11N	01 44W	Exp. Husbandry Farm
Strachan	C	Kincardine	57 01N	02 30W	The Nature Conservancy
Strathly	C	Sutherland	58 31N	04 01W	Lands Officer, Dept. of Agric. (Scotland)
Strathlyre	C	Perth	56 19N	04 19W	Forestry Commission (Scotland)
Sule Skerry	Sb	Orkney	59 05N	04 24W	Northern Lighthouse Board
Sutton Bonington	Ag	Nottingham	52 50N	01 15W	Prof. F. L. Milthorpe, School of Agriculture
Sutton Bridge	C	Lincoln	52 45N	00 11E	Potato Marketing Board
Swanage	H	Dorset	50 37N	01 57W	Urban District Council
Swanley	Ag	Kent	51 25N	00 10E	Kent Horticultural Institute
Swansea	C	Glamorgan	51 37N	03 55W	Clerk to the Corporation
Swyddffynnon	C	Cardigan	52 16N	03 55W	The Nature Conservancy
Tarbatness	Sb	Ross and Cromarty	57 52N	03 46W	Northern Lighthouse Board
Tavistock	C	Devon	50 33N	04 10W	Urban District Council
Teignmouth	H	Devon	50 33N	03 29W	Urban District Council
Terrington St. Clement	Ag	Norfolk	52 45N	00 18E	Experimental Husbandry Farm
Thirsk	C	Yorks., N. R.	54 13N	01 21W	Mr. W. F. Bird, Grammar Modern School
Thorney Island	SaA	Sussex	50 49N	00 56W	Meteorological Office
Thorntonhall	C	Lanark	55 46N	04 14W	Building Research Station, D.S.I.R.
Threave	C	Kirkcudbright	54 56N	03 57W	Supt. Threave Sch. of Practical Gardening
Throwley	Ag	Kent	51 14N	00 51E	Thomas Neame Ltd.
Tiree	SaA	Argyll	56 30N	06 53W	Meteorological Office
Tollymore Park Forest	C	Down	54 14N	05 56W	Queen's University
Torquay	H	Devon	50 28N	03 31W	Town Clerk
Totnes	C	Devon	50 27N	03 43W	Darlington, Hall Trustees
Trawscod	Ag	Cardigan	52 20N	03 57W	Experimental Husbandry Farm
Trawsfynydd	CA	Merioneth	52 47N	04 03W	Central Electricity Generating Board
Tredegar	C	Monmouth	51 46N	03 15W	Sanitary Inspector
Troon	Sun	Ayr	55 32N	04 40W	Burgh Surveyor
Tummel Bridge	A	Perth	56 42N	04 01W	North of Scotland Hydro-Electric Board
Turnhouse	SaA	Midlothian	55 57N	03 21W	Meteorological Office
Tynemouth	Sb	Northumberland	55 01N	01 25W	Board of Trade (Coastguard Section)
Udny	Ag	Aberdeen	57 18N	02 09W	University of Aberdeen
Upavon	Sa	Wiltshire	51 17N	01 46W	Meteorological Office
Urswick	C	Lancashire	54 09N	03 07W	Rev. M. D. Grieve
Usan	Sb	Angus	56 41N	02 27W	Board of Trade (Coastguard Section)
Ushaw College	C	Durham	54 47N	01 39W	President
Usk	Ag	Monmouth	51 42N	02 55W	Institute of Agriculture
Valley	SaA	Anglesey	53 15N	04 32W	Meteorological Office
Ventnor Park	H	Isle of Wight	50 36N	01 13W	Urban District Council
Violet Hill	C	Armagh	54 11N	06 20W	St. Colman's College
Waddington	Sa	Lincoln	53 10N	00 31W	Meteorological Office
Waddon	C	Greater London	51 21N	00 07W	Croydon Corporation
Wakehurst Place	C	Sussex	51 04N	00 05W	Royal Botanic Gardens, Kew
Wallingford	C	Berkshire	51 32N	01 10W	Hydraulics Research Station
Walsall	C	Stafford	52 37N	01 55W	Mr. J. C. W. Day
Walton-on-Naze	Sb	Essex	51 51N	01 17E	Board of Trade (Coastguard Section)
Warsop	Ag	Nottingham	53 13N	01 07W	Gleadthorpe Exp. Husbandry Farm
Watnall	Sa	Nottingham	53 01N	01 15W	Meteorological Office
Wattisham	Sa	Suffolk	52 07N	00 58E	Meteorological Office
Wauchope	C	Roxburgh	55 23N	02 39W	Forestry Commission (Scotland)
Wealdstone	Sun	Greater London	51 35N	00 20W	Messrs. Kodak Ltd.
Wellesbourne	Ag	Warwick	52 12N	01 36W	National Vegetable Research Station
Wellington	C	Shropshire	52 42N	02 29W	Surveyor, Wellington R.D.C.
West Camel	C	Somerset	51 01N	02 37W	Mr. G. R. Chapman
West Freugh	SaA	Wigtown	54 51N	04 57W	Meteorological Office
West Hartlepool	C	Durham	54 41N	01 12W	Mr. H. Lamb
West Kirby Park	C	Cheshire	53 23N	03 11W	Urban District Council of Hoylake
West Lavington	C	Wiltshire	51 17N	02 02W	Headmaster, Dauntsey's School
West Linton	C	Peebles	55 45N	03 21W	Headmaster, Central School
West Malling	Sa	Kent	51 17N	00 24E	Meteorological Office

Station	Type	County	Lat.	Long.	Authority
West Raynham	Sa	Norfolk	52 47N	00 44E	Meteorological Office
Weston-super-Mare	H	Somerset	51 20N	02 59W	Medical Officer of Health
Weymouth	H	Dorset	50 36N	02 27W	Town Clerk
Whitburn	C	Durham	54 56N	01 22W	Mr. S. T. Whitaker
Whitby	H	Yorks., N. R.	54 29N	00 37W	Urban District Council
Whitby Coastguard	Sb	Yorks., N. R.	54 29N	00 36W	Board of Trade (Coastguard Section)
Whitchester	C	Berwick	55 49N	02 27W	Mr. S. E. Landale
Whitehilllocks	C	Angus	56 55N	02 54W	County Engineer
Whitstable	H	Kent	51 22N	01 02E	Surveyor and Water Engineer
Wick	SaA	Caithness	58 27N	03 05W	Meteorological Office
Wilton Park	C	Yorks., W. R.	53 44N	01 39W	Curator, Bagshaw Museum, Batley
Wincanton	C	Somerset	51 04N	02 25W	Headmaster, King Arthur's Sec. School
Winchester	C	Hampshire	51 05N	01 19W	Medical Officer of Health
Winfrith	CA	Dorset	50 40N	02 15W	U.K. Atomic Energy Authority
Winnington	C	Cheshire	53 16N	02 32W	Imperial Chemical Industries Ltd.
Wisley	Ag	Surrey	51 17N	00 26W	Royal Horticultural Society Gdns.
Wittering	Sa	Northampton	52 37N	00 27W	Meteorological Office
Woburn	Ag	Bedford	52 01N	00 35W	Rothamstead Experimental Station
Worcester	Ag	Worcester	52 10N	02 10W	County Agricultural Officer
Worthing	H	Sussex	50 49N	00 22W	Medical Officer of Health
Wrexham	C	Denbigh	53 03N	02 59W	Headmaster, Grove Park School
Writtle	Ag	Essex	51 44N	00 26E	Principal, Institute of Agriculture
Wye	Ag	Kent	51 00N	00 57E	South-Eastern Agricultural College
Wyton	Sa	Huntingdon	52 21N	07 00W	Meteorological Office
Yeovilton	Sa	Somerset	51 00N	02 38W	Commanding Officer, R.N.A.S.
York, Heslington	C	Yorks. N.R.	53 57N	01 02W	Archbishop Holgate's Grammar School

EDGBASTON EARTH TEMPERATURES

Owing to the exposure, earth temperatures at Edgbaston are not representative of the neighbourhood: summer temperatures are too high and winter temperatures are too low.

Monthly Weather Report

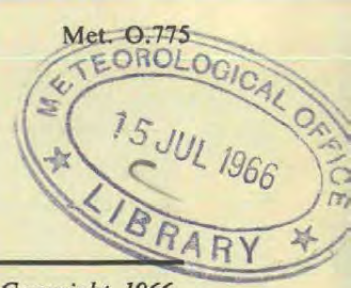
OF THE METEOROLOGICAL OFFICE

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

Volume 83 Number 1

Published by HER MAJESTY'S STATIONERY OFFICE

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January 1966 — *Very cold mid-month, unusually mild later* 14156

January provided a great variety of weather types ranging from predominantly anticyclonic on the 3rd-18th, though cyclonic in the north-west on the 5th-7th, to mainly cyclonic at other times during the month.

The month began with a day of squally thundery showers in a strong but mild westerly airstream with wind reaching gale force at times in southern England. The 2nd was also showery after a night of more continuous rain as disturbances moved eastwards across the country, but the showers gradually died out before a ridge of high pressure which moved from the west of Ireland to the North Sea on the 3rd-4th. There were good sunny periods on the 3rd but frontal rain, associated with a deep depression near Iceland, reached south-western districts on the morning of the 4th.

Meanwhile, an anticyclone over Germany had developed considerably and a south-easterly airstream on its western flank halted the advance of fronts which were giving widespread rain over the British Isles on the 5th. Later the fronts became inactive and moved westwards, and weather during the next three days in England and Wales was mainly dry, dull and misty with progressively decreasing temperature, but in Scotland it remained mild with rain at times.

The anticyclone had moved to Scandinavia by the 9th and associated easterly winds, bringing very cold air from eastern Europe, dominated the weather over the British Isles during the next week. The 9th was dry with good sunny periods in many places but on the 10th a small depression developed off Cornwall bringing periods of heavy rain to western districts, and, as it moved south-eastwards into northern France, snow to parts of central southern England. On the morning of the 11th snow lay 4-6 inches deep over parts of Salisbury Plain and 4 inches deep as far east as Long Sutton. During the next few days temperatures fell progressively and night frosts were severe locally; on the 14th air temperature at Wattisham failed to rise above -2°C . Snow showers interspersed with sunny intervals were frequent, specially in eastern districts, and by the 15th level snow had accumulated to a foot deep in parts of Kent.

The anticyclones to the north and north-west of the British Isles declined on the 16th and minor disturbances moving westwards from the continent brought periods of more continuous snow to east and south-east England but this slowly died out on the 17th as a small depression over the English Channel filled up.

A new anticyclone developed over Germany on the 18th bringing even colder air over the British Isles. Temperatures remained below freezing point in many parts of the country throughout the 18th and 19th, and on Salisbury Plain and in parts of Kent they failed to rise above -4°C on the 19th. Frost was severe at night; East Malling, with a minimum of -16°C , had its coldest night since February 1947. The sea froze in Pegwell Bay.

The cold spell began to break on the 20th as a small but deep secondary disturbance, associated with a complex low pressure area in the Atlantic, developed and moved eastwards to the mouth of the English Channel. Snow turned to freezing rain over much of southern England as temperatures slowly began to rise. The depression moved north-eastwards into the Southern North Sea on the 21st bringing fog and drizzle to much of the country, and fog was widespread and locally dense, with rain or drizzle at times, during the next three days as the thaw continued.

On the 25th a deep depression, which had been moving north-eastwards, became almost stationary off south-west Ireland. Winds reached gale force over much of south-west England, and associated fronts brought widespread rain, falls exceeding 1 inch locally in the north-west. During most of the remainder of the month a complex area of low pressure extended from near Iceland southwards to the Azores and troughs moving north-eastwards in the system brought periods of rain and progressively warmer air over the British Isles. The 26th-30th was exceptionally mild in southern England, temperature reaching 13°C locally on the 29th.

Pressure and Wind — Mean pressure was below the 1931-60 average at 9h over England and Wales but above average over much of Scotland, the deviation ranging from -6.4 mb at Scilly to $+5.7$ mb at Lerwick. Surface winds were west to north-west at first, variable on the 3rd, mainly south to south-east on the 4th-8th and then mainly from an

easterly direction on the 9th-26th. During the rest of the month south-westerly winds predominated. Wind reached gale force on about 10 days in England and Wales and 19 days in Scotland mostly during the first and last weeks of the month. Gales were widespread on the 1st and 2nd; a gust of 89 kt was recorded at Portland Bill on the 2nd.

Temperature — The outstanding feature of the month was the wide variation in temperature. After a mild start it became very cold from about the 10th-21st with day temperatures below freezing on some days. In contrast temperatures rose quickly during the last week, mean temperatures in places being about 10°C above the average around the 29th.

Extremes included (England and Wales) 14.4°C at Penketh on the 28th and at Bude and Preston Wynne on the 29th, -18.9°C at Elmstone on the 19th; (Scotland) 15.0°C at Kinlochewe on the 28th, -12.8°C at Glenshee Lodge on the 4th and Carnwath on the 15th; (Northern Ireland) 13.4°C at Ballykelly on the 28th, -8.3°C at Lislap Forest on the 15th and at Castle Archdale on the 18th.

Rainfall — Rainfall was below the average over the whole country except for small areas in south-west England, north-east Kent, the Eastern Highlands of Scotland and the Northern Isles. It was less than half the average over parts of the south Midlands and East Anglia, over most of north-west England and north and west Wales and over most of Scotland.

Snow and sleet fell mainly during the 10th-21st, but parts of Scotland reported falls during the first and last weeks. Much of eastern England was snow-covered from about the 14th to the 22nd, undrifted snow on the 17th lying 7 inches deep at Ushaw and 4 inches deep at Lowestoft; at Dover it was 10 inches deep from the 17th-20th. Western and southern districts had generally less snow though Alderney reported a fall of 8 inches on the 15th.

Thunder was heard in Scotland on four days towards the end of the month. In England and Wales it was heard on only 2 days, being fairly widespread in south-west England on the 1st and in south-east England on the 2nd.

Sunshine — Sunshine was below the average almost everywhere especially near the east coast. A few isolated places in the west recorded more than their usual amount. In England sunshine was only 34 per cent of the average at Clacton and it was the dulllest January since 1912 at Worthing and Hastings. Many places in south and east Scotland had their dulllest January for 20 years.

Fog — Fog at 9h was reported at one place or another on most days; many places in the Midlands had it on 10-12 mornings mainly during the latter part of the month.

Fog was widespread and persisted in many places throughout the day on the 21st to the 24th.

Miscellaneous Phenomena — The aurora was visible in Scotland on 3 nights.

TABLE I—DISTRICT VALUES, JANUARY, 1966

DISTRICTS	AIR TEMPERATURE					EARTH TEMP.		RAIN DAYS	RAIN-FALL	SUN-SHINE
	*Highest Max.	*Lowest Min.	Max.	Min.	Mean	Mean 1 ft.	Mean 4 ft.			
	Difference from Average									
0 SCOTLAND, N.	12.2	-6.7	-0.6	0.0	-0.3	-	-	-6	54	69
1 SCOTLAND, E.	12.2	-7.8	-0.9	0.0	-0.5	-0.7	-0.8	-2	64	54
2 ENGLAND, N.E.	11.9	-12.2	-1.5	-0.4	-0.9	-1.1	-1.2	+1	68	53
3 ENGLAND, E.	12.8	-11.7	-1.4	-0.2	-0.8	-1.1	-1.0	0	57	60
4 MIDLANDS	12.5	-9.4	-1.3	-0.2	-0.8	-1.1	-1.0	-3	57	74
5 ENGLAND, S.E.	13.3	-15.6	-1.3	-0.2	-0.7	-1.5	-1.3	-2	61	68
6 SCOTLAND, W.	11.0	-10.7	-0.8	-0.1	-0.5	-0.9	-0.7	-10	52	67
7 ENGLAND, N.W. and N. Wales	13.3	-6.7	-1.0	0.0	-0.5	-0.4	-0.6	-9	43	88
8 ENGLAND, S.W. and S. Wales	12.8	-8.9	-1.3	+0.1	-0.7	-0.6	-0.8	-3	73	61
N. IRELAND	13.4	-8.3	-0.5	-0.1	-0.3	-	-	-7	64	61
SCOTLAND	-	-	-0.8	0.0	-0.4	-	-	-6	51	63
ENG. and WALES	-	-	-1.3	-0.1	-0.7	-	-	-3	62	67

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

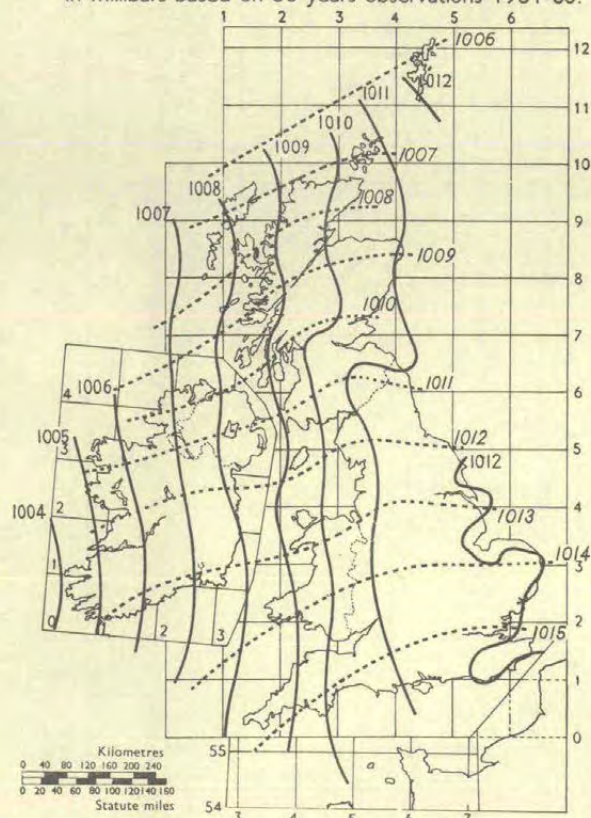
TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND—

JANUARY, 1966

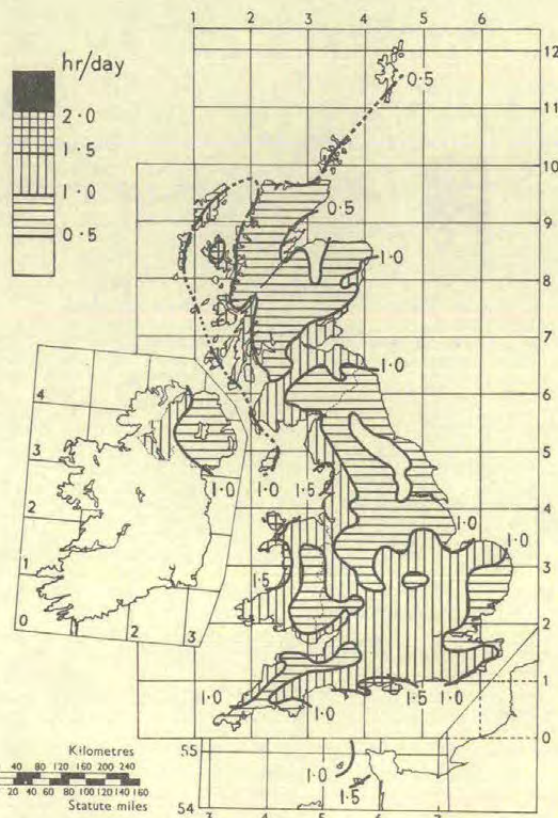
DISTRICT COUNTY AND PLACE			HEIGHT OF VANE IN FEET			DISTRIBUTION OF MEAN HOURLY VALUES OF WIND SPEED										Mean Hourly Wind Speed in knots	HIGHEST VELOCITIES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
			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	Duration in Hours	Duration in Hours	Duration in Hours	Duration in Hours	Duration in Hours	Duration in Hours			Duration in Hours	Duration in Hours	Duration in Hours	Duration in Hours	Duration in Hours	Duration in Hours	Duration in Hours	Duration in Hours																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										

MEAN PRESSURE AT 9 G.M.T.

The dotted lines show the normal distribution of pressure in millibars based on 30 years observations 1931-60.

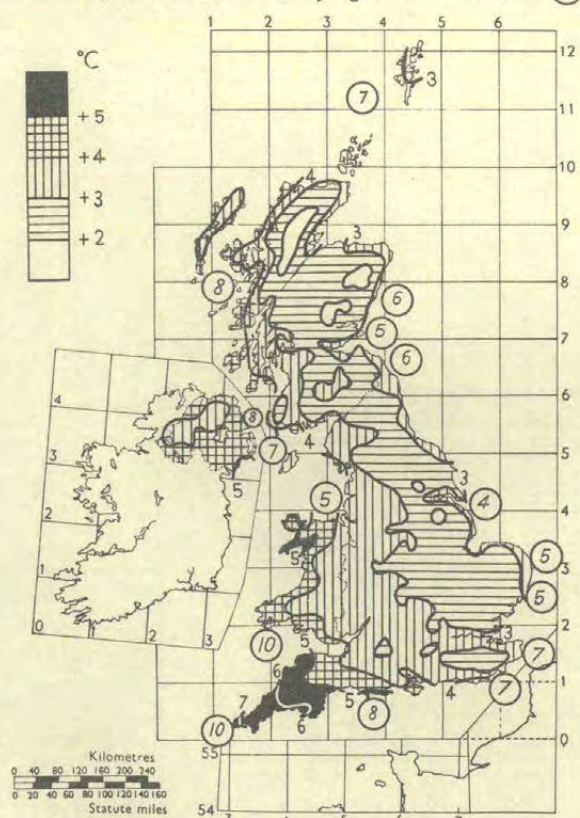


BRIGHT SUNSHINE

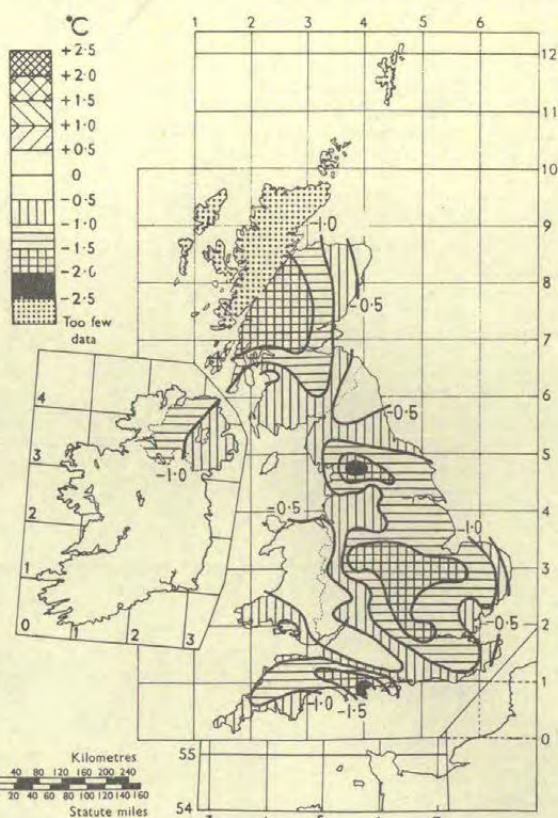


MEAN AIR TEMPERATURE

Reduced to sea level by a correction of 1°C. for 500 ft. Sea temperatures are shown by figures in circles thus (10)



ANOMALY OF MEAN 1 ft. EARTH TEMPERATURE



RAINFALL

JANUARY 1966

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

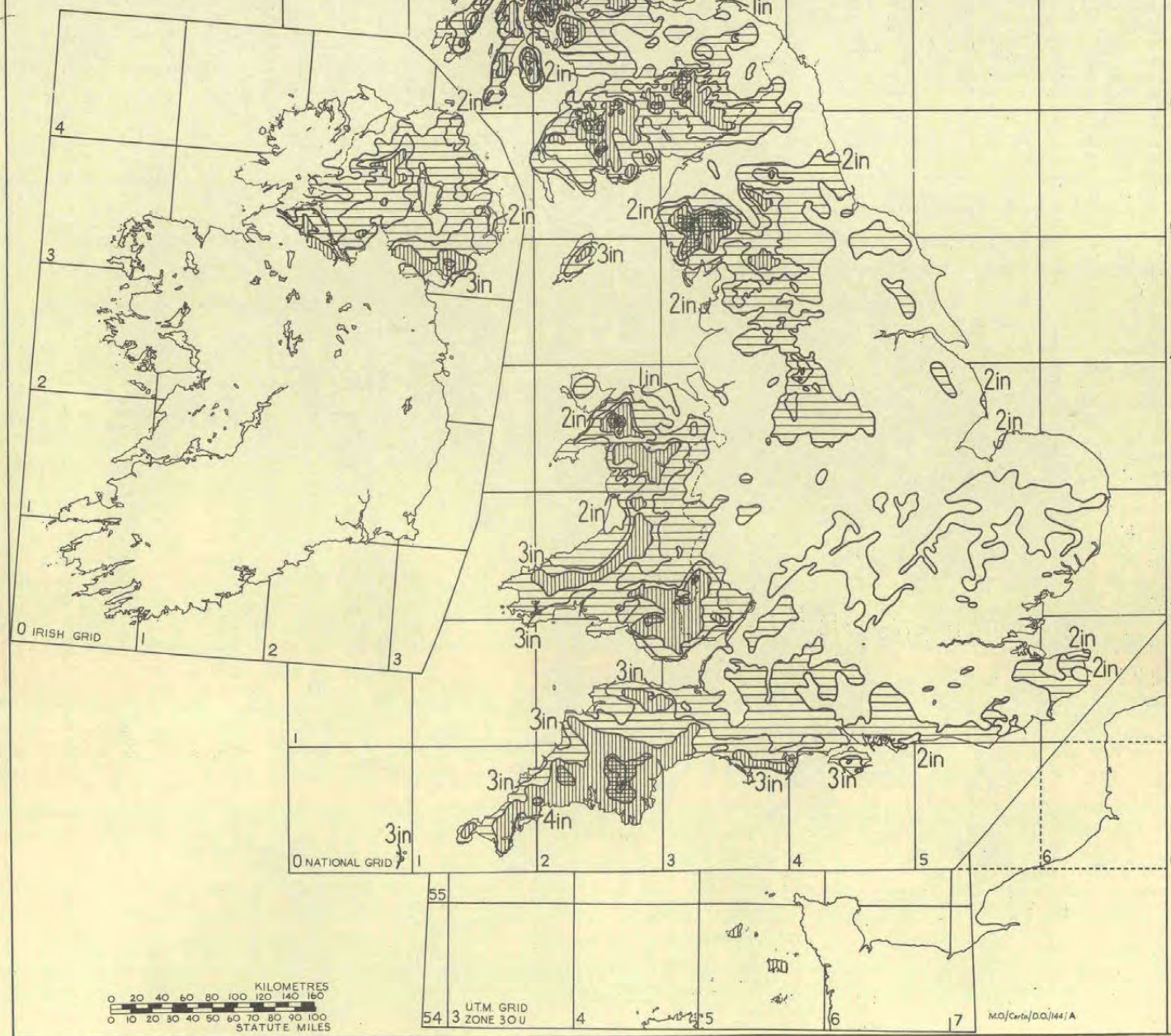
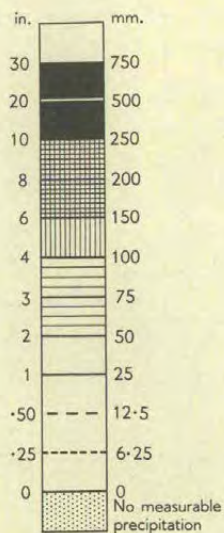


TABLE III

—SUMMARY OF DAILY OBSERVATIONS

JANUARY,

1966

DISTRICT, COUNTY AND PLACE		Max. Min.	Terminal hr. 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		Mean Temperatures (Mean of A & B)	Difference from Average	HIGHEST MAXIMUM AND LOWEST MINIMUM				1 ft.	4 ft.	Total fall (inches)	Per cent of Average	Amount (inches)	Date	Precip'n (0.01 in (0.2mm) or more -0.01 in (1.0mm) or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost† Grass min. below °C	Gale	Daily Mean (hr.)	Per cent of Average	Exposure		
					A Max.	B Min.			Maximum	Date	Minimum	Date																				
0 SCOTLAND, N.																																
Zetland	Hammavoe ...	99	70	5.1	1.7	3.4	-	8.9	29	-2.2	25	-	-	5.90	-	2.03	28	28	17	10	7	0	5	0	0	7	-	10	0.51	-	-	
	Lerwick ...	21-9	269	3.8	1.3	2.5	-0.6	8.2	5	-4.3	25	-	-	4.20	83	1.43	28	26	19	16	8	2	11	1	1	9	18	6	0.48	60	-	
Orkney	Baltsound ...	99	78	4.2	-0.1	2.1	-	7.8	6,28,29	-8.3	4	3.3	4.90	100	1.01	28	27	21	14	14	2	0	0	0	0	11	-	4	0.20	-	-	
	Sule Skerry ...	99	48	6.1	3.9	5.0	-	10.5	5	1.1	18,19,25	-	2.51	-	.54	28	20	15	7	0	0	2	0	0	0	4	4	-	-	-	-	
	Stenness ...	99	75	4.9	1.6	3.3	-	8.9	28	-3.3	4	3.2	3.66	86	.86	28	25	17	3	4	0	0	0	0	0	5	19	0	0.48	-	-	
	Evie ...	99	110	5.1	1.4	3.3	-	8.9	6	-2.8	20	-	4.66	-	1.10	28	22	18	-	-	-	-	-	0	6	10	-	0.51	-	-	-	
Caithness	Kirkwall ...	21-9	84	4.7	2.0	3.3	-	7.9	29	-1.5	4,19	-	4.25	100	1.01	28	23	17	12	1	4	0	0	0	1	5	15	0	0.55	154	-	
	Dounreay ...	99	73	5.2	0.7	2.9	-	11.1	29,30	-3.9	21	-	1.99	-	.38	1	17	14	-	0	-	-	-	0	8	29	6	-	-	-	-	
	Wick ...	21-9	119	4.8	1.7	3.3	-0.1	9.6	28	-3.7	4	-	1.79	61	.30	28	19	15	10	0	0	3	0	0	0	10	14	0	0.68	46	-	
	Sutherland	21-9	367	5.7	2.8	4.3	-0.3	12.1	28	-0.3	20	-	2.17	43	.62	28	23	11	4	0	3	1	0	0	0	2	5	3	0.85	-	S	
	Cape Wrath ...	99	280	4.1	-1.4	1.3	-	10.6	28,29	-10.0	4	1.6	1.62	35	.46	25	17	9	7	17	0	3	0	2	19	24	0	0.65	-	-	-	
	Achany ...	99	120	4.7	-0.1	2.3	-0.4	11.1	29	-4.4	14,20,25	-	2.00	45	.35	17	20	14	10	0	0	3	0	0	0	15	-	0	0.50	51	S	
Ross & Cromarty	Stornoway ...	21-9	11	6.0	1.9	3.9	-0.4	10.5	6,28	-5.6	4,20	-	2.24	54	.79	28	16	8	2	0	0	2	0	0	0	13	17	2	1.05	93	-	
	Balmacara ...	99	2	6.6	1.6	4.1	-	13.9	29	-5.6	17	-	2.57	-	1.08	28	11	8	0	0	0	0	0	0	11	-	0	-	-	-	-	
	Poolewa ...	99	20	6.3	1.1	3.7	-	13.9	28	-4.4	16,21	-	1.40	23	.38	29	10	8	-	-	-	-	-	0	14	19	-	1.25	-	S	-	
	Rudh Re ...	99	53	6.0	1.4	3.7	-	11.7	7,28	-3.2	16,20	-	-	-	-	-	-	1	0	0	0	0	0	0	12	11	0	-	-	-	-	
	Inverpoll ...	99	45	6.2	0.8	3.5	-	13.9	28	-5.0	16	3.7	1.54	-	.52	28	15	10	4	1	0	0	0	-	13	22	0	0.83	-	S	-	
	Achnashellach ...	99	220	6.0	-0.8	2.6	-0.2	14.4	29	-7.8	17	-	2.06	23	.76	28	12	7	1	1	0	0	0	0	0	15	-	0	-	-	-	-
	Kinlochewe ...	99	76	5.4	-0.3	2.5	-	15.0	28	-7.2	17	2.4	2.17	26	.82	28	13	9	5	1	0	0	0	0	0	15	25	0	0.57	-	S	-
	Fortrose ...	99	15	5.1	1.6	3.3	-0.4	11.1	7,28	-2.2	17,20	-	.60	27	.16	28	13	4	0	0	0	1	0	0	7	-	0	0.30	19	-	-	-
Inverness	Tarbatness ...	21-9	60	4.6	1.6	3.1	-	10.5	29	-4.0	4	-	.82	45	.22	28	13	6	1	0	0	0	0	0	13	-	1	-	-	-	-	
	Benbecula ...	21-9	19	5.9	1.5	3.7	-1.0	11.0	7	-5.0	17	-	3.06	65	1.15	28	16	11	2	0	0	2	0	0	15	20	2	0.93	-	-	-	-
	Isle of Rhum ...	99	15	6.0	1.1	3.5	-	15.0	5	-6.1	17,18	2.9	7.55	70	2.87	28	13	10	1	0	1	1	0	0	13	21	9	-	-	-	-	-
	Prabost ...	99	220	5.3	0.9	3.1	-	10.6	5,28	-4.4	17	-	4.20	52	1.82	28	18	12	1	0	0	5	0	0	13	22	5	1.53	-	-	-	-
	Duntulm ...	99	294	6.1	1.7	3.9	-0.5	11.1	4,7,8	-2.2	16,20,21	-	3.35	57	1.17	1	16	9	1	0	2	0	0	0	10	17	5	1.45	133	S	-	
	Onich ...	99	48	5.8	1.1	3.5	-0.1	12.2	6,(28)	-6.7	15,17,18	-	4.16	43	1.52	28	10	9	0	0	0	0	0	0	13	16	0	1.24	128	S	-	
	Fort William ...	99	27	5.8	-0.3	2.7	-	12.8	28	-8.9	18	1.8	4.29	-	1.29	28	13	7	1	1	0	1	0	0	15	20	0	0.78	-	S	-	
	Fort Augustus ...	99	70	5.1	0.0	2.5	-0.1	11.1	6,7	-8.3	17	-	1.95	-	.48	1,29	13	6	3	0	0	0	0	0	15	-	1	0.57	-	S	-	
	Cannich ...	99	350	4.1	-3.1	0.5	-	11.1	28,29	-11.1	20	-	2.09	36	.60	29	12	8	1	5	0	0	0	1	23	25	0	-	-	-	-	-
	Inverness ...	99	13	5.2	-0.1	2.5	-	11.7	28	-5.0	4,20	-	.53	21	.20	28	5	3	2	4	0	0	0	4	17	23	0	0.52	-	-	-	-
	Coire Cas Shieling ...	99	2500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Cairngorm ...	99	3575	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Achnagoichan ...	99	1000	3.7	-2.3	0.7	-	11.7	28	-9.4	17	1.4	.83	-	.22	1	8	7	7	-	0	0	0	-	24	26	5	-	-	-	-	-
	Glenmore Lodge ...	99	1120	3.8	-2.2	0.8	-	12.0	28	-10.1	4,(18)	-	.89	20	.24	29	11	6	4	17	-	-	-	-	20	26	-	0.51	-	S	-	
1 SCOTLAND, E.																																
Nairn	Nairn ...	99	20	5.2	-0.8	2.2	-0.9	(12.2)	29	-6.7	4,20	-	.66	33	.25	28	7	6	1	0	0	0	0	0	19	24	0	0.52	33	-	-	-
	Forres ...	99	155	4.5	-1.1	1.7	-	12.2	29	-6.7	20	1.4	.76	41	.18	4,26	11	7	3	0	0	0	0	0	1	18	23	0	0.44	25	-	-
Moray	Kinloss ...	21-9	15	4.9	0.0	2.5	-	12.8	29	-8.2	4	1.9	.95	52	.29	28	10	6	8	0	0	4	0	1	16	22	0	0.42	-	-	-	-
	Elgin ...	99	50	4.8	-0.2	2.3	-	11.7	28,29	-6.1	4	-	.83	42	.26	1	10	6	0	0	5	0	0	0	15	21	0	0.54	-	S	-	-
	Lossiemouth ...	99	21	5.2	-0.3	2.5	-0.3	11.7	29	-5.0	4,5,13	-	1.05	56	.34	28	10	6	4	0	0	1	0	1	16	25	0	-	-	-	-	-
	Gordon Castle ...	99	104	5.2	0.7	2.9	-0.2	(12.2)	28	-3.9	20	-	1.22	52	.52	1	14	7	-	8	-	-	-	-	13	-	-	0.47	32	-	-	-
Banff	Glenlivet ...	99	706	3.2	-1.1	1.1	-	10.2	29	-10.0	4	-	1.33	-	.29	1,2	14	6	13	16	0	0	0	1	17	23	0	0.43	-	S	-	-
	Banff ...	99	80	5.0	1.0	3.0	-	10.6	28,29	-3.9	19	-	1.77	-	.83	1	19	6	5	0	0	0	0	1	12	-	1	0.61	-	-	-	-
Aberdeen	Braemar ...	99	1113	2.6	-2.7	-0.1	-0.7	8.3	28,29	-12.2	4	-	1.91	47	.56	29	13	9	-	18	-	-	-	0	20	24	-	0.55	-	S	-	-
	Balmoral ...	99	927	2.7	-2.5	0.1	-0.5	8.9	29	-12.2	4	-	1.53	44	.26	25	19	10	14	17	0	0	0	-	21	25	0	-	-	-	-	-
	Dignat ...	99	580	3.4	-0.9	1.3	-	9.4	28,29	-8.9	4,5	1.5	1.90	-	.42	26	17	11	-	18	-	-	-	0	16	24	-	0.64	-	-	-	-
	Huntly ...	99	405	3.7	-0.2	1.7	-	10.2	29	-5.9	4,5	-	1.59	50	.48	1	17	11	6	16	0	0	0	2	17	20	0	-	-	-	-	-
	Fyvie Castle ...	99	218	4.2	-1.0	1.6	-	10.0	28,29	-8.3	4	-	1.91	61	.34	28	18	11	7	-	1	0	0	-	17	22	1	0.80	-	S	-	-
	Craibstone ...	99	300	4.2	0.5																											

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

JANUARY.

1966

DISTRICT, COUNTY AND PLACE		Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (feet)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days										BRIGHT SUNSHINE		
					MEANS OF		Mean Temperatures (Mean of A & B)	Difference from Average °	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (inches)	Per cent of Average °	Most in a Day Amount (inches)	Precip'n -0.01 in (0.2mm) or more -0.04 in (1.0mm) or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below °C	Gale	Daily Mean (hr.)	Per cent of Average °	Exposure	
					A Max.	B Min.			Maximum	Date	Minimum	Date																			
1 SCOTLAND, E.—cont.																															
Midlothian	Davidson's Mains	99	200	4.9	0.6	2.7	-0.1	12.8	29	-6.1	18	1.8	-	1.66	66	.40	26	16	11	2	4	0	0	0	1	14	18	0	1.18	-	S
	—cont.																														
	Penicuik	99	620	3.8	-0.6	1.6	-	10.6	29	-9.4	19	1.3	-	1.85	51	.31	1	16	12	7	10	0	0	0	3	17	21	0	0.97	-	-
	Bush House	99	605	4.3	-0.3	2.0	-	11.1	29	-8.3	19	1.2	3.1	1.90	57	.41	1	15	11	4	8	0	0	0	2	16	21	0	1.15	-	-
Edinburgh—	Blackford Hill	99	441	4.4	0.7	2.5	-0.7	11.7	29	-6.1	18	-	-	1.58	64	.32	26	17	10	1	5	0	5	0	3	14	16	5	1.14	65	-
	Royal Bot. Gdns.	99	74	5.3	0.3	2.8	-0.2	12.8	29	-6.7	18	1.6	-	1.77	74	.56	26	16	11	3	3	0	0	0	1	14	19	0	1.13	80	-
	Haddington	99	162	4.9	0.2	2.5	-	11.7	29	-7.8	18,19	-	-	.97	43	.16	27	17	9	5	0	0	4	0	3	13	19	0	1.23	-	S
	Dunbar	99	75	5.6	1.4	3.5	-0.1	12.2	29	-5.0	18	-	-	1.14	57	.22	4	16	9	5	0	0	0	0	1	9	13	0	1.43	79	-
Berwick	Mertoun	99	225	4.3	-0.3	2.0	-	12.2	29	-10.6	18	-	-	1.20	-	.19	21	21	10	5	-	0	0	0	-	15	22	0	1.15	-	-
	Lauder	99	600	3.5	-1.2	1.1	-	10.0	29	-11.1	18	-	-	1.98	-	.38	25	23	11	9	13	0	0	0	1	17	22	0	1.14	-	-
	Marchmont	99	498	3.7	-0.2	1.7	-0.6	10.6	29	-7.8	19	-	-	1.77	61	.34	26	16	15	4	7	0	0	0	5	16	-	0	0.85	60	S
	Whitchester	99	838	3.3	-1.1	1.1	-	10.0	29	-8.3	19	-	-	2.52	83	.44	25	21	17	10	14	0	0	0	-	20	-	2	-	-	-
Peebles	St. Abb's Head	99	245	5.0	1.9	3.5	-	12.2	29	-5.0	19	-	-	-	-	-	-	-	-	6	0	3	0	0	0	7	9	0	-	-	-
	Stanhope Farm	99	741	4.2	-0.7	1.7	-	12.8	28	-11.1	18	-	-	2.75	53	.71	25	14	12	6	10	0	0	0	0	14	23	0	-	-	-
	Blyth Bridge	99	830	3.6	-0.7	1.5	-	10.6	28,29	-10.0	18	-	-	1.52	40	.30	1	14	12	4	7	0	7	0	3	18	21	0	1.01	-	-
	West Linton	99	800	3.8	-0.7	1.5	-	10.6	28	-10.6	18	0.7	2.4	1.63	41	.32	1	18	11	5	10	0	2	0	4	19	19	0	-	-	-
Selkirk	Glentress	99	580	4.2	-0.8	1.7	-	10.6	29	-11.7	18	-	-	1.50	46	.26	29	16	8	7	8	0	4	0	2	16	-	0	-	-	-
	Bowhill	99	600	3.6	-1.0	1.3	-	9.4	28,29	-10.0	19	-	-	2.03	55	.37	5	18	12	9	9	0	3	0	3	18	-	0	-	-	-
	Wauchope	99	560	3.6	-1.1	1.3	-	10.6	29	-10.6	15,19	-	-	2.03	58	.29	5	19	13	7	11	0	0	0	3	19	-	1	-	-	-
	Sourhope	99	900	3.3	-0.6	1.3	-	10.6	29	-8.3	15	-	-	1.38	-	(.18)	14	20	12	-	9	-	-	-	0	16	22	-	0.76	-	-
6a SCOTLAND, W.																															
Argyll	Tiree	99	29	6.0	2.7	4.3	-1.0	10.0	5	-3.5	16,17	-	-	2.34	49	.91	28	12	9	0	0	0	2	0	1	10	16	4	1.02	79	-
	Rhuvaal	99	65	6.2	2.7	4.5	-	10.9	5	-1.8	18	-	-	3.17	50	.69	29	12	11	0	0	0	0	0	0	6	11	3	-	-	-
	Colonsay	99	87	6.1	1.7	3.9	-0.7	10.6	5	-5.6	18	-	-	3.02	52	.76	27	15	10	1	-	0	0	0	0	10	-	4	-	-	-
	Craighouse	99	10	6.0	2.6	4.3	-	9.4	4,7,30	-3.9	17	-	-	3.44	-	.75	28	10	9	-	0	-	-	-	1	5	11	-	-	-	-
Machrihanish	Campbeltown	99	33	5.8	2.2	4.0	-	10.0	5	-5.9	15	-	-	3.14	-	.93	25	11	9	1	0	0	1	0	0	11	16	2	1.07	-	-
	Polloch	99	33	5.6	0.1	2.9	-	11.1	7,9,30	-9.4	18	-	-	5.46	-	1.60	28	16	12	1	-	0	0	0	-	14	18	0	-	-	-
	Achaglachgach	99	40	6.1	0.6	3.3	-	9.4	4,6,8	-6.7	17,18	-	-	4.21	61	1.20	27	14	10	0	-	0	0	0	0	13	18	0	-	-	-
	Lepinmore	99	30	5.5	0.9	3.2	-	10.0	(7),28	-5.6	18,19	-	-	4.45	54	1.20	28	13	10	0	0	1	0	0	0	13	17	0	1.05	-	S
Glenbranter	Benmore Y.B.G.*	99	40	4.9	0.4	2.7	-	9.4	28	-6.7	18,19	-	-	5.85	51	1.27	28	12	11	1	0	0	1	0	0	14	20	1	-	-	-
	Kildonan	99	60	5.7	2.7	4.2	-	13.5	27	-2.5	15,18	-	-	3.37	-	.64	27	12	10	0	-	0	0	0	0	5	8	4	-	-	-
	Brodick Castle	99	50	5.9	1.6	3.7	-	10.6	4,28	-3.9	18	3.6	-	4.82	-	1.05	28	9	9	0	0	2	0	0	0	9	16	1	-	-	-
	Rothsay	99	150	5.3	1.8	3.5	-0.6	10.0	5	-6.1	18	2.8	4.1	3.39	57	.91	28	12	10	1	0	0	0	0	0	6	14	0	1.00	74	-
Dunbarton	Millport	99	16																												
	Finnart	99	50	5.7	1.5	3.6	-	11.1	30	-4.4	19	-	-	7.47	-	2.64	25	13	12	2	0	0	0	0	-	10	-	1	-	-	-
	Helensburgh	99	293	4.3	0.2	2.3	-0.5	9.4	5	-6.1	18	-	-	3.52	54	.97	25	13	10	3	1	0	0	0	0	14	-	0	0.82	73	-
	Sloy	99	40	5.2	1.5	3.3	-	9.8	28	-6.0	18	-	-	8.92	-	1.94	25	13	12	5	-	0	0	0	0	11	-	0	-	-	-
Cumbernauld	Earl's Hill	99	310	4.0	-0.6	1.7	-	10.6	29	-8.9	18,19	-	-	2.44	-	.43	5	15	12	2	1	0	0	0	0	15	21	0	-	-	-
	Stirling	99	1100	2.1	-1.1	0.5	-	8.0	29	-7.3	19	-	-	4.43	-	.90	5	14	11	-	-	-	-	5	20	22	-	1.15	-	-	-
	Falkirk	99	161	4.8	0.7	2.7	-0.2	10.6	29	-7.2	18	1.2	4.8	2.46	54	.45	5	11	10	2	0	1	0	0	0	11	16	0	0.86	-	-
	Greenock	99	100	4.7	0.4	2.5	-0.3	11.1	29	-7.2	18,19	-	-	2.14	52	.40	1	12	9	2	0	0	0	0	7	14	-	0	-	-	-
Renfrew	Paisley	99	200	4.8	1.3	3.1	-0.7	10.0	5,28,29	-3.3	18,19,20	-	-	4.40	56	1.06	25	11	10	1	0	0	0	0	2	10	16	0	0.79	-	S
	Barrhead	99	97	5.0	0.1	2.5	-	10.6	28,29	-7.8	18	-	-	2.98	56	.60	4	11	10	3	0	0	0	0	5	15	17	0	-	-	-
	Abbotsinch	99		5.1	1.1	3.1	0.0	11.0	28	-8.4	18	-	-	2.20	47	.37	25	10	10	5	0	0	2	0	2	12	14	0	0.85	76	-
	Crossmyloof	99	75	5.3	0.7	3.0	-	11.1	28,29	-7.2	18	-	-	2.17	-	.37	1	10	10	2	0	0	1	0	1	12	18	0	0.66	-	-
Lanark	Thorntonhall	99	453	4.2	-0.1	2.1	-	10.0	28	-6.1	20	-	-	2.54	49	.56	1	11	10	0	0	0	0	0	-	15	22	0	-	-	S
	Glasgow, Springburn	99	351																												
	Coatbridge	99	256	4.6	0.2	2.4	-	10.6	29	-6.7	18,19	-	-	1.52	40	.40	1	11	9	0	0	0	0	0	1	14	-	0	-	-	-
	Happenend Station	99	675	3.7	-2.0	0.9	-	9.5	28	-9.5	18	1.4	-	1.57	-	.39	1	12	11	5	0	0	0	0	0	0	19	22	0	1.05	-
Salsburgh	Lowther Hill	99	901	2.7	-1.2																										

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

JANUARY,

1966

DISTRICT, COUNTY AND PLACE		Terminal hr. GMT of Observation	Height of Station above MSL (feet)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days												BRIGHT SUNSHINE				
				MEANS OF		Mean Temperature (Mean of A & B)	Difference from Average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (inches)	Per cent of Average	Amount (inches)	Date	Precip'n (0.2mm or more)	Precip'n (1.0mm or more)	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frosty	Grass min. below °C	Gale	Daily Mean (hr.)	Per cent of Average	Exposure			
				A Max.	B Min.			Maximum	Date	Minimum	Date																							
																																1 ft.	4 ft.	
2 ENGLAND, N.E.																																		
Northumb-berland	Kielder Castle ...	99	660	3.3	-1.4	0.9	-	10.6	29	-10.6	18	-	-	3.29	61	.52	1	22	12	6	11	0	4	0	0	10	19	23	0	-	-	-	-	
	Haydon Bridge ..	99	258	4.7	-0.4	2.1	-	13.3	29	-8.3	19	2.1	3.8	1.31	-	.25	27	17	12	7	9	0	0	0	4	15	18	0	-	-	-	-		
	Corbridge ...	99	160	4.8	-0.3	2.3	-	13.3	28	-8.3	19	-	-	1.39	-	.24	27	18	11	5	7	0	1	0	3	13	17	0	-	-	-	-		
	Berwick-on-Tweed	99	76	5.0	1.2	3.1	-0.3	12.2	29	-6.1	18	-	-	1.22	60	.29	15	17	11	4	3	4	0	0	0	6	17	0	1.08	61	-	-		
	Cockle Park ¶	99	326	3.9	0.2	2.1	-0.5	11.1	28	-7.2	19	1.9	-	(1.71)	(61)	.23	26	23	16	6	10	0	3	0	2	12	18	0	0.93	52	-	-		
Durham	Acklington ...	21-9	138	3.3	0.9	2.6	-	11.1	28	-6.6	19	-	-	1.26	50	.26	26	16	10	9	2	0	9	0	2	10	15	1	0.89	-	-	-		
	Tynemouth ...	21-9	95	4.8	2.2	3.5	-0.5	11.2	29	-5.6	19	-	-	1.45	62	.28	14	20	14	8	1	0	3	0	2	5	9	2	0.67	48	-	-		
	Seahouses ...	21-9	37	5.1	2.1	3.6	-	11.3	28	-6.3	19	-	-	1.40	-	.22	27	16	11	6	0	0	1	0	3	6	(15)	0	0.96	-	-	-		
	Chopwellwood ...	99	446	3.9	-0.1	1.9	-0.7	11.1	28,29	-6.1	19,20	-	-	1.91	74	.25	15	20	11	7	13	0	0	0	3	13	21	0	-	-	-	\$		
	Ushaw College ...	99	594	3.2	-0.6	1.3	-1.2	9.4	28,31	-6.7	19	-	-	2.27	85	.31	15	19	16	8	15	0	1	0	10	19	-	0	-	-	-	-		
	Houghall ...	99	123	4.5	-1.1	1.7	-0.8	11.1	28	-11.1	18	-	-	2.10	84	.31	14	18	17	4	10	0	3	0	5	12	20	0	0.76	54	-	-		
	Durham ¶	99	336	3.9	-0.8	1.5	-1.3	11.1	28	-7.2	19,20	2.3	4.7	1.99	86	.26	14	19	16	-	12	-	-	-	19	25	-	0.79	47	-	-	-		
	Gateshead ...	99	509	-	0.3	-	-	-	-	-6.7	19,20	-	-	(1.94)	(82)	.42	14	(20)	(15)	-	-	-	-	-	(12)	-	-	-	-	-	-	-		
	West Hartlepool	99	30	5.3	1.3	3.3	-	12.2	29	-7.2	19	-	-	1.87	86	.42	14	19	12	3	7	1	0	0	6	7	12	0	0.58	-	-	-	-	
	Yorks., N. Riding	Thirsk ...	99	111	4.2	-0.3	1.9	-	11.1	28,29	-10.0	19,20	-	-	1.41	-	.30	26	16	10	7	7	0	0	0	5	10	22	0	-	-	-	-	
		Leeming ...	99	105	4.0	0.1	2.1	-	12.1	28	-9.5	20	-	-	1.47	-	.26	26	15	9	8	10	0	5	0	7	13	18	1	0.78	-	-	-	-
York (Heslington)		99	66	4.4	0.3	2.3	-	11.7	29	-6.7	19	1.6	-	1.39	-	.37	27	16	9	-	8	-	-	-	11	13	-	-	0.05	-	-	-		
Ampleforth ...		99	313	3.9	-0.1	1.9	-0.8	10.6	29	-8.3	19	-	-	2.00	69	.53	26	14	14	10	-	0	0	0	8	14	20	0	-	-	-	-	\$	
Redcar ...		99	25	5.5	1.4	3.5	-	12.2	28	-6.7	19	-	-	1.30	62	.20	27	18	12	-	2	-	-	-	2	7	-	-	0.79	-	-	-	-	
Yorks., E. Riding	Pickering ...	99	143	4.1	-0.2	1.9	-	11.7	29	-8.3	19	-	-	1.72	-	.34	27	17	12	7	10	0	2	0	4	12	17	0	-	-	-	-	-	
	Whitby ...	99	135	5.0	1.3	3.1	-	12.2	29	-5.0	19	-	-	2.49	98	.40	25	17	15	-	3	-	-	-	5	7	-	-	0.94	57	-	-	-	
	Scarborough ¶	99	118	4.7	1.5	3.1	-1.0	10.6	28,30	-3.3	18	2.9	5.6	1.35	53	.24	27	16	11	4	0	0	1	0	5	5	10	0	0.64	45	-	-	\$	
	Silpho Moor ...	99	665	4.4	-0.4	2.0	-	10.0	29	-5.6	19	2.1	-	2.60	79	.38	26	22	15	5	11	0	1	0	8	18	23	0	0.77	-	-	-	-	
	Whitby C'Guard	21-9	200	4.8	1.4	3.1	-	12.0	29	-4.8	19	-	-	1.33	-	.27	27	15	11	3	3	0	0	0	1	5	13	1	-	-	-	-	-	
	High Mowthorpe	99	574	3.1	-0.2	1.5	-	10.6	29	-7.8	19	1.5	-	1.88	79	.38	27	19	11	5	10	0	2	0	9	18	22	0	0.76	-	-	-	-	
	Leconfield ...	99	8	4.9	1.2	3.1	-0.6	13.9	31	-4.4	19	2.4	5.2	1.57	67	.46	27	17	11	7	8	0	1	0	5	9	16	0	0.65	52	-	-	-	
	Filey ...	99	24	4.2	0.7	2.5	-	11.5	29	-9.4	19	-	-	1.43	-	.47	27	15	10	10	6	0	6	0	5	12	19	0	0.71	-	-	-	-	
	Bridlington ...	99	123	4.3	0.8	2.5	-	10.6	28,29	-6.1	18	-	-	1.28	49	.29	27	14	10	3	4	1	3	0	1	9	14	0	0.67	-	-	-	-	
	Lincoln	Kilnsea ...	99	157	4.3	0.7	2.5	-	10.6	29,30	-6.7	18	-	-	1.64	62	.37	27	18	10	8	2	0	2	0	0	10	13	0	0.83	-	-	-	-
		Waddington ...	21-9	40	4.2	1.6	2.9	-	9.8	28	-2.0	4,14	-	-	1.82	-	.35	27	17	12	10	2	0	3	0	3	7	-	-	-	-	-	-	
Lincoln ...		99	224	3.7	0.5	2.1	-0.9	11.6	29	-10.2	19	-	-	1.45	-	.35	27	17	10	12	10	0	3	0	5	17	20	0	1.24	-	-	-	-	
Cranwell ¶		99	22	4.4	-0.2	2.1	-	12.2	29	-8.9	15	2.4	4.2	1.74	85	.44	27	19	11	7	10	0	0	5	20	21	0	1.03	-	-	-	-		
Brigg ...		99	205	4.0	-0.5	1.7	-1.3	11.9	29	-12.2	19	2.2	4.1	1.55	75	.26	25	19	12	9	10	0	5	0	6	17	20	0	1.21	68	-	-	-	
Suffolk	Caistor ...	99	10	4.3	-0.3	2.0	-	12.8	29	-10.0	19	-	-	1.69	-	.38	27	18	13	5	9	0	0	0	6	19	20	0	-	-	-	-	-	
	Binbrook ...	99	100	4.6	0.1	2.3	-	11.7	29	-8.9	15	-	-	1.64	-	.42	27	16	10	-	-	-	-	-	13	-	-	-	-	-	-	-		
	Cleethorpes ...	21-9	353	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Manby ...	99	23	-	1.1	-	-	-	-	-2.2	19	-	-	1.32	60	.38	27	15	9	5	3	0	1	0	3	13	19	0	0.73	46	-	-	-	
	Skegness ...	99	55	4.3	1.3	2.8	-	11.6	29	-6.3	19	-	-	1.38	66	.45	27	16	9	9	4	0	8	0	3	10	14	0	0.94	-	-	-	-	
	Norfolk	Terrington St. Cl.	99	15	5.1	1.2	3.1	-0.2	10.0	28,29	-2.2	4,15,19	-	-	1.68	80	.43	27	13	10	1	1	0	0	0	6	11	-	0	1.14	66	-	-	-
		Marham ...	99	13	4.4	0.4	2.4	-	11.7	29	-7.8	19	2.9	-	1.05	58	.25	27	15	8	6	9	0	0	0	3	16	22	0	1.26	-	-	-	-
		Santon Downham	21-9	76	4.5	0.9	2.7	-	11.5	29	-8.0	15	-	-	.90	-	.18	27	16	6	9	8	0	1	0	0	13	18	0	-	-	-	-	-
		West Raynham ...	99	80	4.7	-0.4	2.1	-	11.7	29,30	-11.7	19	2.9	4.6	.88	39	.12	20	20	8	-	8	-	-	-	-	18	21	-	0.76	-	-	-	-
		Cromer ...	99	250	3.9	0.6	2.3	-	10.9	29	-12.2	19	-	-	1.45	57	.26	27	17	10	10	9	0	3	0	3	16	20	0	1.14	-	-	-	-
		Sproston ¶	99	178	4.7	0.8	2.7	-1.0	11.1	30	-3.9	19	-	-	1.25	51	.28	16	13	9	-	3	-	-	-	0	10	22	-	1.20	67	-	-	-
Coltishall ...		99	93	4.4	0.2	2.3	-1.0	11.7	30	-13.9	19	3.7	-	1.22	53	.23	27	19	12	6	9	0	4	0	-	17	21							

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

JANUARY,

1966

DISTRICT, COUNTY AND PLACE		Terminal hr. GMT of Observation	Height of Station above MSL (feet)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)		WEATHER												BRIGHT SUNSHINE				
				MEANS OF		Mean Temperatures (Mean of A & B)	Difference from Average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (inches)	Per cent of Average	Most in a day Amount (inches)	Date	Precip'n (0.01 in (0.2mm) or more)	Snow or Sleet	Snow lying at 0hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 0hr.	Air Frost	Grass min. below °C	Gale	Daily Mean (hr.)	Per cent of Average	Exposure		
				A Max.	B Min.			Maximum	Date	Minimum	Date																					
4 MIDLAND COUNTIES																																
Yorks.	Slaiburn	9 9	629	4.0	-0.3	1.9	-	11.1	29	-6.7	15	-	-	2.58	-	.67	27	15	10	6	7	0	1	0	5	16	23	0	0.91	-	-	
W. Riding	Malham Tarn	9 9	1297	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Huddersfield	9 9	325	4.7	0.4	2.5	-0.6	13.3	28,29	-7.2	19	2.4	4.8	1.47	-	.28	27	20	10	-	10	-	-	-	-	10	12	21	-	0.78	95	-
	Oakes	21-9	762	3.3	0.3	1.8	-0.9	12.0	29	-6.8	19	2.0	4.4	1.66	41	.33	27	22	10	8	9	0	0	0	8	16	23	1	0.67	52	-	
	Bradford	9 9	439	3.9	0.4	2.1	-0.8	12.2	29	-6.1	19	2.4	4.5	1.85	53	.50	27	19	12	8	10	0	5	0	13	16	18	0	-	-	S	
	Ilkley	9 9	315	4.4	0.1	2.3	-0.5	12.2	29	-7.2	19	-	-	1.86	46	.46	27	11	9	6	9	0	0	0	8	16	-	0	0.71	51	-	
	Sheffield	9 9	429	4.3	0.6	2.5	-1.1	11.7	29,31	-6.7	19,20	2.4	5.2	1.89	62	.53	25	17	8	7	7	0	0	0	-	14	18	0	0.74	63	-	
	Wakefield	9 9	121	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Pontefract	9 9	255	4.6	-0.1	2.3	-0.8	11.7	29	-7.2	19	-	-	1.31	61	.28	27	14	9	9	6	0	0	0	11	18	18	0	-	-	-	
	Bramham	9 9	177	3.8	-0.6	1.6	-	11.7	28,29	-10.6	19	-	-	1.70	85	.41	27	18	11	9	8	0	0	0	12	19	28	0	0.76	-	-	
	Cawood	9 9	20	4.2	0.0	2.1	-	11.7	29	-7.8	19	1.9	4.1	1.48	64	.44	27	12	8	6	7	0	0	0	4	11	20	0	0.42	-	-	
	Askham Bryan	9 9	110	3.8	0.6	2.2	-	11.1	29,30	-7.2	19	-	-	1.61	65	.41	27	19	11	8	6	0	0	0	11	16	22	0	0.59	43	-	
Derby	Buxton	9 9	1007	2.9	-0.7	1.1	-0.8	10.0	29	-8.3	19	2.1	3.4	2.82	51	.77	26	17	11	6	9	0	2	0	15	19	21	0	-	-	-	
	Chapel en le Frith	9 9	732	3.9	0.3	2.1	-	11.1	29,30,31	-7.8	19	-	-	2.03	-	.62	26	12	10	-	-	-	-	-	-	16	23	-	-	-	-	
	Derby	9 9	159	4.9	0.8	2.9	-	12.8	29	-7.2	19	-	-	2.02	-	.36	1	17	9	8	4	0	0	0	9	14	20	0	1.05	-	-	
	Morley	9 9	350	4.5	0.4	2.5	-	12.2	29	-8.3	19	-	-	2.15	92	.38	25	13	9	7	8	0	0	0	-	15	18	1	1.00	-	-	
	Chesterfield	9 9	298	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Nottingham	Sutton Bonington	9 9	157	4.8	0.3	2.5	-0.6	12.8	29	-10.0	19,20	3.4	5.2	1.75	80	.38	1	14	10	7	9	0	0	0	5	15	21	0	1.07	79	-	
	Watnall	21-9	385	3.9	0.4	2.1	-1.1	11.9	28	-8.8	19	-	-	2.07	77	.49	25	17	10	9	9	0	5	0	9	18	19	0	0.72	50	-	
	Nottingham T.C.*	9 9	169	4.9	-0.1	2.4	-	11.1	28,29	-8.3	19	-	-	1.40	-	.32	1	12	10	-	-	-	-	-	-	10	19	20	-	0.90	-	-
	Mansfield	9 9	362	4.0	0.1	2.1	-0.9	11.7	29	-10.0	19	2.9	-	2.05	77	.51	25	13	10	9	10	0	0	0	9	14	-	0	-	-	-	
	Nottingham	9 9	192	4.9	0.9	2.9	-0.6	12.2	29	-6.7	19,20	2.0	3.9	1.70	75	.36	1	13	11	5	8	0	0	0	6	10	18	0	0.93	75	-	
	Warsop	9 9	150	4.4	-0.6	1.9	-	12.8	29	-10.6	19	-	-	1.72	81	.40	25	18	12	-	7	-	-	-	-	11	19	21	-	0.95	-	-
	Finningley	21-9	34	4.5	0.8	2.7	-0.6	12.4	29	-8.9	19	-	-	1.24	-	.25	25,27	17	10	9	4	0	2	0	11	13	16	0	0.91	-	-	
Leicester	Newtown Linford	9 9	392	4.1	-0.1	2.0	-	11.7	29	-8.9	19	-	-	1.26	-	.18	29	17	13	6	8	0	2	0	7	16	19	0	1.16	-	-	
	Caldecott	9 9	175	4.7	-0.3	2.2	-	12.2	29	-10.0	19	-	-	.96	-	.28	25	12	7	-	7	-	-	-	-	1	18	19	-	-	-	
Northampton	Bugbrooke Mills	9 9	228	4.4	-0.9	1.7	-	11.7	29	-10.6	19	-	-	.99	-	.26	25	12	8	-	10	-	-	-	-	3	19	-	-	0.98	-	-
	Raunds	9 9	193	4.2	-0.3	1.9	-	12.2	29	-10.6	19	2.1	5.9	1.26	61	.25	25	18	12	9	10	0	0	0	9	17	20	0	0.90	-	-	
	Wittering	21-9	212	4.0	0.6	2.3	-1.0	12.1	29	-10.0	19	-	-	1.09	-	.28	25	12	7	9	9	0	7	0	6	16	19	0	1.20	-	-	
Warwick	Birmingham K.E.S.**	9 9	450	4.6	0.2	2.4	-	11.7	29	-8.9	19	-	-	1.39	-	.51	25	14	9	5	5	0	2	0	5	16	-	0	-	-	-	
	Edgbaston	21-9	536	4.1	1.1	2.6	-0.9	11.6	29	-8.7	19	4.4	6.7	1.39	47	.51	25	16	11	12	9	0	6	0	4	11	17	0	0.84	61	-	
	Luddington	9 9	138	5.1	0.2	2.7	-	12.8	29	-8.9	19	-	-	.85	40	.18	29	16	8	8	3	1	0	0	4	18	19	0	1.06	-	-	
	Stratford on Avon	9 9	160	5.2	0.0	2.6	-	12.8	29	-8.3	15,19	2.6	-	.96	53	.19	25,29	15	10	6	8	0	0	0	2	16	19	0	0.89	-	-	
	Elmdon	21-9	319	4.4	0.6	2.5	-0.7	12.8	29	-9.8	19	-	-	1.42	57	.55	25	15	9	11	9	0	2	0	4	15	18	0	0.98	-	-	
	Shipston on Stour	9 9	365	4.3	-0.1	2.1	-	11.7	29	-10.0	19	3.3	-	1.00	-	.21	25	16	8	8	8	0	0	0	7	19	20	-	1.11	-	-	
	Wellesbourne	9 9	153	4.7	0.1	2.4	-	11.7	29	-8.9	19	2.6	4.6	.74	32	.13	29	15	8	5	6	0	0	0	4	16	18	0	1.03	-	-	
	Moreton Morrell	9 9	280	4.7	0.1	2.4	-	11.7	29	-9.4	19	-	-	.76	-	.13	21	14	9	7	9	1	2	0	2	16	18	0	1.07	-	-	
	Coventry	9 9	338	4.7	0.3	2.5	-0.5	12.2	29	-8.3	19	2.7	5.4	1.00	40	.33	25	12	8	4	-	2	0	0	1	16	16	0	-	-	-	
	Rugby	9 9	385	4.2	0.1	2.1	-0.8	11.7	29	-8.3	19	1.6	4.2	.94	-	.18	25,29	14	7	-	9	-	-	-	-	1	14	18	-	-	-	
Oxford	Oxford	9 9	208	4.9	0.8	2.9	-0.8	12.2	29	-9.4	19	2.6	4.9	1.21	51	.35	1	13	9	8	8	0	1	0	5	15	17	0	1.37	78	-	
Buckingham	Medmenham	9 9	98	5.2	-0.2	2.5	-	12.2	29,30	-8.9	19	-	-	1.27	-	.35	30	15	9	-	-	-	-	-	-	18	20	-	-	-	-	
	Grendon Underwood	9 9	220	4.9	-0.4	2.3	-	12.2	30	-11.1	18,19	2.5	5.4	1.03	-	.29	25	15	7	4	8	0	0	0	-	16	20	0	1.37	-	-	
	Aylesbury	9 9	316	4.4	-0.1	2.1	-	11.7	29	-11.7	19	-	-	.82	34	.18	1	14	8	4	8	0	3	0	6	17	22	0	0.91	-	-	
	Bletchley	9 9	281	4.7	0.1	2.4	-	12.2	29	-10.0	19	-	-	1.25	-	.30	25	16	7	5	8	0	8	0	4	15	-	0				

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

JANUARY,

1966

DISTRICT, COUNTY AND PLACE		Max. Min. of Observation	Height of Station above MSL (feet)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days										BRIGHT SUNSHINE				
				MEANS OF		Mean Temperature (Mean of A & B)	Difference from Average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (inches)	Per cent of Average	Most in a Day (inches)	Precip'n (0.01 in (0.2mm) or more)	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below °C	Gale	Daily Mean (hr.)	Per cent of Average	Exposure			
								Maximum	Date	Minimum	Date																					
				A Max.	B Min.									1 ft.	4 ft.																	
5 ENGLAND, S.E.—cont.																																
Surrey	Gatwick	21-9	192	4.9	0.6	2.7	-0.7	12.1	29	-11.9	15	-	-	1.35	-	.35	1	16	11	10	8	0	3	0	3	14	18	0	1.13	-	-	
	Wisley	9 9	150	5.3	0.7	3.0	-0.7	12.2	30	-9.4	19	2.8	5.3	1.35	56	.38	1	15	10	8	7	0	3	0	5	15	20	2	1.15	77	-	
Kent	Mickleham	9 9	179	4.9	0.0	2.5	-	12.2	29	-12.2	19	-	-	1.46	48	.39	1	14	10	6	9	0	3	0	1	18	19	0	-	-	-	
	Swanley	9 9	177	-	-	-	-	-	-	-	-	-	-	1.25	-	.33	30	14	8	-	-	-	-	-	-	-	-	-	0.74	-	-	
Sussex	Dartford	9 9	17	5.6	0.5	3.1	-	13.3	29	-8.3	19	-	-	1.36	69	.38	30	14	7	7	2	0	3	0	4	17	-	0	-	-	-	
	Gillingham	9 9	14	5.3	-0.1	2.6	-	12.8	29	-11.7	19	-	-	1.22	-	.22	25	17	9	5	9	0	0	0	3	17	-	0	0.75	-	-	
Sussex	Isle of Grain	9 9	9	5.8	3.8	4.8	-	12.8	29	-8.9	19	-	-	1.45	-	.24	30	18	11	6	8	0	0	0	2	10	19	3	0.90	-	-	
	Dungeness	21-9	10	5.2	1.4	3.3	-1.1	10.0	29	-7.6	15	-	-	1.76	72	.37	30	17	13	6	7	0	3	0	0	14	-	1	-	-	-	
Sussex	Whitstable	9 9	9	5.3	0.8	3.1	-	13.3	29	-11.7	19	-	-	1.60	82	.27	30	18	13	6	10	0	0	0	3	15	-	0	1.16	-	-	-
	Folkestone	9 9	128	4.8	0.9	2.9	-	9.4	27,29,31	-6.7	19,20	-	7.5	2.28	89	.44	30	18	11	6	8	0	3	0	4	12	16	2	0.91	-	-	-
Sussex	Elmstone	9 9	28	4.9	0.1	2.5	-	12.2	29	-18.9	19	-	-	2.05	-	.47	14	19	12	-	9	-	-	-	2	19	19	-	-	-	-	
	Herne Bay	9 9	21	5.3	1.3	3.3	-	12.8	29	-10.0	19	-	-	2.19	107	.40	14	20	13	6	9	0	0	0	2	13	-	0	1.07	-	-	-
Sussex	Dover	9 9	19	5.1	1.7	3.4	-1.1	10.0	1,27,31	-5.6	19,20	4.4	6.4	2.64	94	.57	30	16	13	8	9	0	0	0	2	13	14	2	1.02	-	-	-
	Deal	21-9	18	5.1	2.4	3.7	-	11.9	29	-5.4	19	-	-	1.89	-	.28	1	15	9	7	7	0	2	0	2	10	13	1	-	-	-	-
Sussex	Manston	21-9	145	4.8	0.8	2.8	-	12.0	29	-7.8	19	-	-	1.93	-	.40	1	17	9	7	9	1	5	0	3	15	16	0	-	-	-	-
	Ramsgate	9 9	80	5.8	1.5	3.7	-	11.1	31	-5.6	20	-	-	2.08	102	.31	30	16	11	7	8	0	0	0	6	12	-	0	0.97	54	-	-
Sussex	Margate	9 9	51	5.2	1.8	3.5	-1.1	11.7	28,29	-5.0	19,20	3.6	6.2	2.08	112	.54	1	15	11	6	9	0	1	0	3	11	16	0	-	-	-	-
	West Malling	21-9	304	4.1	0.2	2.1	-	11.7	29	-11.7	19	-	-	1.50	-	.29	30	20	10	8	10	0	3	0	4	16	17	0	0.89	-	-	-
Sussex	Goudhurst	9 9	280	4.7	-0.6	2.1	-	11.1	29	-13.9	19	-	-	2.11	62	.43	1	17	12	3	10	1	2	1	3	18	19	0	-	-	-	-
	East Malling	9 9	122	4.9	-0.4	2.3	-1.2	12.2	29	-15.6	19	2.7	5.3	1.44	58	.28	30	19	10	7	10	0	0	0	2	17	18	0	0.95	60	-	-
Sussex	Sittingbourne	9 9	224	4.7	-0.3	2.2	-	11.7	28,29	-16.7	19	3.1	5.5	2.26	114	.36	15	15	9	5	10	0	2	0	2	17	19	1	0.83	-	-	-
	Faversham	9 9	157	4.7	-0.3	2.2	-	12.2	28	-16.1	19	3.6	5.6	1.82	-	.30	1	17	12	6	10	0	3	1	4	15	19	0	1.02	-	-	-
Sussex	Wye	9 9	185	4.9	-0.1	2.4	-1.0	13.9	29	-11.7	19	-	-	2.06	68	.47	1	19	14	6	9	1	0	1	3	15	19	1	1.17	67	-	-
	Thorney Island	21-9	10	5.5	2.2	3.9	-0.7	10.3	31	-5.2	15	-	-	1.98	66	.67	25	17	9	9	2	0	3	0	2	11	16	0	1.23	-	-	-
Sussex	Bognor Regis	9 9	24	5.3	1.9	3.6	-1.0	10.0	27	-4.4	15	-	7.1	2.58	82	.92	25	17	11	6	5	0	1	1	2	11	16	0	1.34	60	-	-
	Fernhurst	9 9	188	5.0	0.3	2.7	-	11.7	29	-8.9	19	3.3	-	2.35	61	.67	25	19	12	7	-	0	0	0	-	15	23	0	0.90	-	-	-
Sussex	Littlehampton	9 9	15	5.4	1.8	3.6	-0.8	10.6	27	-5.0	15,16,19	-	6.6	1.98	66	.75	25	17	7	6	6	0	0	0	0	10	-	0	1.23	56	-	-
	Rustington	9 9	10	5.5	1.6	3.5	-	10.6	27	-6.1	19	-	6.0	1.78	-	.93	25	14	7	-	5	-	-	-	12	17	-	1.05	-	-	-	
Sussex	Worthing	9 9	25	5.3	1.9	3.6	-0.9	9.4	27	-5.6	19	4.1	6.4	1.96	67	.78	25	17	9	6	9	0	0	0	1	10	16	0	1.18	52	-	-
	Brighton	9 9	32	5.6	2.1	3.9	-	9.4	1,28,29	-5.6	19	-	6.6	2.14	.76	.65	25	17	8	6	10	0	0	1	4	10	14	0	1.13	54	-	-
Sussex	Plumpton	9 9	250	4.8	0.8	2.8	-	12.2	29	-8.3	19	-	-	2.48	-	.62	25	19	13	-	12	-	-	-	4	16	17	-	-	-	-	-
	East Grinstead	9 9	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Sussex	East Hoathly	21-9	130	5.0	1.1	3.1	-	12.6	29	-9.5	15	-	-	1.98	-	.43	1	20	13	5	11	0	2	0	4	14	17	0	1.16	-	-	-
	Eastbourne	9 9	23	5.7	2.5	4.1	-0.6	10.6	28,29	-4.4	15	4.6	7.8	2.34	72	.61	25	18	13	7	-	0	0	0	0	9	13	1	1.14	55	-	-
Sussex	Eastbourne C'Guard	21-9	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Bexhill	9 9	14	5.4	2.2	3.8	-0.6	10.0	29	-4.4	15	4.4	-	2.00	70	.40	1	19	14	4	9	0	2	0	1	11	13	0	0.84	41	-	-
Sussex	Bodiam	9 9	73	5.2	-0.1	2.5	-	11.7	28,29	-13.3	19	3.3	6.1	1.86	58	.43	1	18	12	4	8	0	3	1	3	18	19	1	1.15	-	-	-
	Hastings	9 9	149	5.1	1.9	3.5	-1.0	9.4	1,27,29	-4.4	15,19	3.6	6.2	2.06	72	.39	30	20	12	6	8	0	3	1	1	11	12	1	1.10	52	-	-
Sussex	Letcombe Regis	9 9	350	5.0	0.2	2.6	-	11.7	30	-11.7	20	-	-	1.61	-	.61	1	15	9	5	-	0	0	1	8	14	-	0	-	-	-	-
	Abingdon	21-9	228	4.8	1.0	2.9	-0.8	11.8	29	-8.6	19	-	-	1.30	61	.43	1	16	7	8	7	1	5	0	4	16	17	0	1.18	-	-	-
Sussex	Compton	9 9	339	4.6	-0.1	2.3	-	11.1	28,29,30	-8.9	19	3.7	-	1.33	-	.30	30	16	9	5	10	0	0	0	-	16	22	0	1.21	-	-	-
	Wallingford	9 9	157	5.3	0.0	2.7	-	12.2	30	-11.7	19	3.4	6.2	.96	-	.23	30	12	8	6	8	0	0	0	-	15	21	0	1.33	-	-	-
Sussex	Shinfield	9 9	200	5.1	0.4	2.7	-0.9	12.2	29,30	-8.3	19	-	-	1.19	49	.31	30	15	8	-	5	-	-	-	6	16	20	-	1.15	-	-	-
	Reading	9 9	148	5.3	0.9	3.1	-0.8	12.2	29	-7.8	19	2.8	5.0	1.31	54	.39	30	17	8	6	2	0	2	0	4	14	18	0	1.32	-	-	-
Sussex	Reading S.T.G.*	9 9	141	5.1	0.5	2.8	-	12.2	29,30	-8.3	19	-	-	1.30	57	.39	30	17	7	-	2	-	-	-	4	15	18	-	1.15	-	-	-
	Finchampstead	9 9	212	5.0	-0.2	2.4	-	12.2	30,31	-11.1	15	3.9	5.7	1.48	-	.30	25	19	8	1	0	3	0	3	17	19	0	1.22	-	-	S	-
Sussex	Hurley	9 9	140	5.0	0.2	2.6	-	12.2	29																							

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

JANUARY,

1966

DISTRICT, COUNTY AND PLACE		Terminal hr. GMT of Observation	Height of Station above MSL (feet)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)			WEATHER Number of Days										BRIGHT SUNSHINE						
				MEANS OF		Mean Temperatures (Mean of A & B)	Difference from Average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (inches)	Per cent of Average	Most in a Day Amount (inches)	Date	Precip'n (0.2mm or more)	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost†	Grass min. below °C	Gale	Daily Mean (hr.)	Per cent of Average	Exposure			
				A Max.	B Min.			Maximum	Date	Minimum	Date																						
				1 ft.	4 ft.																												
7a ENGLAND, N.W.—cont.																																	
Lancashire		99	300	5.0	-0.2	2.4	-	10.0	29,30	-7.8	19	2.6	-	5.67	-	1.15	25	13	11	3	0	1	0	0	3	17	19	0	-	-	-	-	
—cont.		21-9	80	5.3	1.6	3.5	-0.7	12.1	29	-6.2	19	-	-	1.13	40	.34	2	9	4	8	2	0	2	0	2	11	16	0	1.00	-	-	-	
		99	78	5.4	0.6	3.0	-	12.2	29	-5.6	19	-	-	1.66	46	.59	27	10	8	3	3	0	1	0	1	12	20	0	1.43	-	-	-	
		99	68	5.9	0.8	3.3	-	12.2	29,30	-6.1	17	-	-	1.82	50	.72	27	10	7	-	3	-	-	-	0	10	15	-	1.13	-	-	-	
		99	24	5.4	1.4	3.4	-0.3	11.7	29	-4.4	19,20	-	-	1.85	48	.73	27	14	10	2	2	0	0	0	1	8	-	0	1.50	100	-	-	
		99	50	5.7	0.8	3.3	-	14.4	28	-6.1	19	3.6	5.6	1.37	-	.35	2	9	8	1	0	0	0	0	9	11	21	0	1.11	-	-	-	
		99	108	5.2	1.2	3.2	-	12.2	29	-5.0	19	-	-	1.51	40	.55	27	13	7	5	0	0	4	0	8	9	18	0	-	-	-	-	
		99	377	4.8	0.6	2.7	-0.3	11.7	29	-6.1	19	-	-	2.01	41	.75	27	11	8	-	7	-	-	-	11	17	-	1.10	80	-	-	-	
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.94	-	-	-	
		99	854	3.4	0.0	1.7	-	10.0	28,29	-7.2	19	(2.4)	-	3.01	45	.73	25	14	10	-	10	-	-	-	6	15	-	-	1.07	-	-	-	
		99	655	4.2	0.0	2.1	-	11.1	29	-8.3	15	2.9	4.8	2.38	-	.77	27	17	9	4	9	0	3	0	6	15	22	0	1.15	-	-	-	
		99	540	4.0	0.2	2.1	-	11.6	29	-6.2	15	2.4	5.1	2.23	48	.73	27	13	8	-	8	-	-	5	14	20	-	0.80	-	-	-	-	
		99	362	4.8	0.6	2.7	-	12.2	29	-6.1	19	-	-	1.82	39	.45	27	12	8	4	4	0	0	0	6	13	20	0	-	-	-	S	
Cheshire		99	25	5.7	0.1	2.9	-	12.8	28,29	-6.7	19,20	-	-	1.06	-	.32	2	11	7	-	-	-	-	-	-	11	16	-	1.10	-	-	-	
		99	198	5.1	1.7	3.4	-0.6	12.8	29	-6.1	19	-	-	1.16	45	.30	25	10	7	-	-	-	-	4	10	12	-	1.11	71	-	-	-	
		99	180	5.3	0.3	2.8	-	13.3	29	-7.2	19,20,21	-	-	1.30	-	.54	25	8	7	-	-	-	-	-	13	24	-	-	-	-	-	-	
		99	65	5.8	1.6	3.7	-	13.3	30	-6.1	19	-	-	1.25	43	.42	2	9	6	5	0	0	0	5	8	16	0	-	-	-	-	-	
		99	212	5.3	0.8	3.1	-	12.2	29	-6.3	19	2.1	4.4	1.29	41	.37	2	9	7	-	2	-	-	-	13	23	-	-	-	-	-	-	
		21-9	248	5.1	1.4	3.3	-0.1	12.5	29	-6.7	19	-	-	1.14	38	.36	2	11	5	9	3	0	4	0	0	11	17	0	1.36	125	-	-	-
		99	500	4.5	0.4	2.5	-0.3	11.7	29	-6.7	19	-	-	1.70	50	.50	2	14	9	9	10	0	2	0	0	13	-	1	-	-	-	-	
7b NORTH WALES																																	
Flint		99	31	6.1	1.7	3.9	-0.9	13.3	29	-6.1	19	-	-	.95	38	.30	2	9	6	4	1	0	0	0	3	11	14	2	1.12	69	-	-	-
		99	12	6.2	1.6	3.9	-	13.9	29	-6.1	19,20	-	-	1.06	39	.34	2	9	7	3	0	0	0	0	9	-	0	1.24	82	-	-	-	
		99	17	5.6	1.1	3.3	-0.8	13.3	29	-6.7	19	-	-	1.55	61	.62	25	11	8	5	3	0	0	0	2	11	-	0	-	-	-	-	
Anglesey		21-9	33	6.6	2.6	4.6	-1.0	12.5	31	-5.8	19	-	-	2.03	56	.42	27	13	9	4	0	2	0	0	9	16	4	1.86	99	-	-	-	
Denbigh		99	118	6.4	2.2	4.3	-0.9	12.8	28,29	-5.6	19,20	4.5	-	.63	21	.21	2	11	5	5	2	0	0	0	10	-	0	1.31	81	S	-	-	
		99	1100	3.6	1.8	2.7	-	10.0	29	-9.4	20	-	-	2.41	43	.43	2	16	11	-	-	-	-	-	18	22	-	-	-	-	-	-	
		99	248	5.3	-0.1	2.6	-	12.2	28	-8.9	16	-	-	.84	-	.21	2	10	8	-	7	-	-	-	0	15	-	-	1.19	-	-	-	
		99	690	4.2	1.0	2.6	-	12.8	29	-10.6	16	2.6	4.7	1.72	-	.42	2	13	9	7	10	0	0	0	2	16	17	0	-	-	-	-	
		99	1267	2.7	-2.1	0.3	-	10.0	27	-10.0	19,20	2.3	-	3.05	77	1.05	25	15	12	2	10	0	0	0	7	21	23	0	-	-	-	-	
		99	275	5.3	0.0	2.7	-	12.8	29	-8.3	16	3.8	4.9	2.09	71	.57	25	11	10	3	7	0	0	0	5	18	21	0	-	-	-	-	
Caernarvon		21-9	61	6.4	4.1	5.3	-	11.8	5	-2.2	19	-	-	-	.59	5	12	10	-	0	-	-	-	-	0	3	12	-	-	-	-	-	
		99	112	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		99	275	6.8	2.2	4.5	-	13.3	28	-6.1	19	-	-	1.54	31	.56	27	12	11	2	0	1	2	0	0	9	19	3	2.35	-	-	-	-
		99	324	6.2	1.4	3.8	-	11.7	4,28,29	-7.8	19	4.1	-	6.51	41	1.51	27	14	12	-	-	-	-	-	0	12	17	-	-	-	-	-	
		99	60	7.3	2.3	4.8	-0.9	13.9	28	-4.4	19	-	-	1.58	36	.48	27	12	9	2	0	0	0	0	10	19	0	1.37	136	S	-	-	
		99	12	6.5	2.7	4.6	-0.9	13.3	29	-5.6	19	-	-	1.32	45	.29	27	10	8	4	0	1	0	0	8	-	0	1.70	100	-	-	-	S
Merioneth		99	750(6.1)	(1.1)	(3.6)	-	-	11.7	31	-7.2	19,20	-	-	4.38	39	1.41	27	14	13	-	-	-	-	-	2	15	-	0	1.28	-	-	-	S
		99	473	5.2	-0.3	2.9	-	12.8	28	-8.3	16	-	-	2.56	55	.91	25	9	6	4	10	0	0	0	-	17	21	0	-	-	-	-	S
Montgomery		99	200	5.9	1.0	3.5	-	12.8	29	-6.7	15,20	-	-	3.42	-	.93	27	13	13	-	-	-	-	-	0	11	18	-	-	-	-	-	
		99	995	3.4	-0.5	1.5	-	10.0	27,29	-8.9	20	2.4	-	4.15	51	.80	1	17	11	10	9	2	0	1	4	15	31	0	-	-	-	-	
8a SOUTH WALES																																	
Cardigan		21-9	378	5.6	2.5	4.1	-1.0	11.5	31	-5.6	19	-	-	2.15	46	.48	24	14	11	6	0	1	0	1	0	11	16	4	1.43	-	-	-	-
		99	12	6.7	1.0	3.9	-1.2	11.1	29,30,31	-5.6	19	-	-	-	-	-	-	15	12	-	2	-	-	-	0	14	-	-	-	-	-	-	
		99	452	5.9	1.4	3.7	-0.8	11.7	28,29,31	-6.7	15	-	-	1.29	35	.32	1	16	10	1	1	0	0	0	1	11	16	0	1.46	82	-	-	-
		99	103	6.7	1.7	4.2	-	13.9	31	-7.8	15	-	-	1.60	40	.25	1	13	8	3	2	0	0	0	0	12	16	0	1.60	-	-	-	-
		99	540	5.3	1.1	3.2	-	12.2	31	-8.9	15	-	-	2.09	39	.56	1	15	8	-	5	-	-	-	0	13	16	-	1.45	-	-	-	
		99	200	-	1.1	-	-	-	-	-9.4	15	5.2	-	1.67	34	.50	1	14	11	-	2	-	-	-	-	0	10	20	-	1.42	-	-	S
		99	950	4.6	0.6	2.6	-	13.3	28	-7.8	19	-	-	1.79	31	.41	1	13	12	3	2	0	0	0	0	14	16	8	1.47	95	-	-	-
		99	989	4.1	0.1	2.1	-	10.6	29	-11.7	15	-	-	.59	1	12	12	3	13	0	0	0	0	-	15	18	0	-	-	-	-	S	
Pembroke		99	109	6.4	3.1	4.7	-	10.6	1,30	-3.9	15	5.4	-	3.14	-	.68	24	14	11	1	0	0	1	0	0	10	13	4	1.27	-	-	-	-
		21-9	122	6.0	3.3	4.7	-	10.2	28	-5.0	15	-	-	3.19	-	.53	25	16	12	2	1	0	0	0	0	11	12	1	-	-	-	-	-
		99	360	5.8	1.9	3.9	-	11.1	28	-5.6	15	-	-	3.71	71	.72	24	19	17	4	9	0	0	0	1	12	13	2	1.25	-	-	-	-
Carmarthen		99	200	6.1	2.3	4.2	-	10.6	30	-6.1	15	5.1	-	3.05	-	.55	4	16	11	4	0	0	0	0	0	12	13	2	-	-	-	-	-
Radnor		99	50	6.1	1.8	3.9	-	11.7	28,29	-8.9	15	4.4	6.1	3.26	-	.55	10	15	13	3	11	1	0	0	0	12	18	0	1.39	-	-	-	-
Brecon		99	772	4.2	0.2	2.2	-0.6	11.7	29	-8.9	15	3.8	-	2.33	51	.51	1	17	13</														

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS JANUARY, 1966

DISTRICT, COUNTY AND PLACE		Terminal hr. 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		Mean Temperatures (Mean of A & B)	Difference from Average a	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (inches)	Per cent of Average a	Most in a Day (inches)	Date	Precip'n or more		Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below °C	Gale	Daily Mean (hr.)	Per cent of Average a	Exposure		
				A Max.	B Min.			Maximum	Date	Minimum	Date	-0.1in (0.2mm) or more	-0.1in (1.0mm) or more																				
				8b ENGLAND, S.W. - cont.																													
Devon	Hartland Point ...	21-9	298	6.5	3.7	5.1	-	12.2	28,29	-3.6	15	-	-	3.15	78	1.15	1	15	11	4	0	0	0	1	2	0	11	11	6	1.41	80	-	
	Mount Batten ...	21-9	87	7.2	4.0	5.6	-0.6	12.1	29	-4.8	15	-	-	4.61	106	1.12	24	18	15	5	0	0	1	2	0	0	8	8	2	0.79	41	-	
	Plymouth, The Hoe ...	9 9	119	7.8	3.9	5.9	-0.1	12.8	31	-4.4	15	-	8.0	4.57	107	1.21	24	18	16	0	0	0	0	0	0	5	10	2	0.84	42	-		
	Tavistock ...	9 9	457	6.6	2.6	4.6	-0.4	10.6	9,28,29	-6.1	16	-	-	4.39	-	.78	10,3	19	16	6	1	0	0	0	0	3	11	15	0	-	-	-	
	Chivenor ...	21-9	20	7.0	3.4	5.2	-1.0	13.3	29	-4.6	15	-	-	2.50	62	.73	10	13	10	7	0	0	2	2	0	10	10	0	1.32	-	-	-	
	Ilfracombe ...	9 9	25	7.3	4.1	5.7	-0.7	13.3	29	-1.7	19,20	5.3	(8.4)	2.57	63	.73	1	15	12	0	0	1	0	1	0	7	9	1	0.88	53	-		
	Princetown ...	9 9	1359	4.4	0.8	2.6	-	9.4	28,29,30	-7.2	15	-	-	6.47	60	1.00	10,2	18	18	-	-	-	-	-	12	13	-	-	-	-	-		
	Totnes ...	9 9	120	7.6	2.5	5.1	-	12.8	29	-5.6	16	5.4	7.6	6.03	108	1.26	24	20	16	7	0	1	1	1	1	10	16	2	0.88	-	-	-	
	Slapton ...	9 9	104	7.8	3.5	5.7	-	12.2	29	-3.9	15,16	-	-	4.90	-	.86	24	18	16	1	1	0	0	0	0	1	6	8	0	-	-	-	
	Newton Abbot ...	9 9	272	6.9	2.4	4.7	-0.4	12.2	31	-5.0	15,16	-	-	5.03	107	1.25	10	20	17	3	2	0	0	0	0	2	12	15	0	1.38	70	-	
	Paignton ...	9 9	8	7.9	3.6	5.7	-	12.8	29	-4.4	15	-	-	5.39	119	1.36	10	20	16	3	0	2	0	1	1	6	11	3	0.98	52	-	-	
	Torquay ...	9 9	26	7.8	3.8	5.8	-0.1	12.3	29	-3.9	15,16	-	7.3	4.83	118	1.35	10	19	15	3	1	1	0	1	2	4	6	3	1.09	53	-	-	
	Teignmouth ...	9 9	20	7.5	3.7	5.6	-0.5	12.2	29,30,31	-4.4	15	-	-	4.07	108	1.16	10	17	14	3	0	0	0	0	0	3	4	6	0	1.15	56	-	-
	Starcross ...	9 9	29	7.3	3.1	5.2	-	13.3	31	-5.0	15	5.0	-	4.35	117	1.36	10	17	14	-	0	-	-	-	2	9	15	-	1.36	-	-	-	
	Exmouth ...	9 9	195	6.8	2.7	4.7	-0.4	11.7	26,30	-5.0	15	-	-	3.99	112	1.36	10	16	12	3	0	0	0	0	2	12	-	0	1.48	73	-	-	
	Cornwall	Exeter ...	21-9	106	6.6	2.8	4.7	-	12.9	30	-5.5	15	-	-	5.08	134	2.24	10	15	10	5	1	1	0	1	3	13	11	14	1	1.17	-	-
Scilly ...		21-9	158	8.6	6.4	7.5	-0.2	12.3	25	-2.6	15	-	-	3.17	89	.68	24	16	13	1	0	0	0	0	1	2	5	3	0.94	47	-	-	
Penzance ...		9 9	62	8.6	5.1	6.9	-0.3	12.2	30	-4.4	16	-	-	4.19	84	.75	24	18	15	1	0	2	0	0	0	4	8	5	0.89	46	-	-	
Gulval ...		9 9	50	8.4	5.0	6.7	-0.2	12.2	30	-3.9	15	-	-	4.14	86	.76	24	19	15	-	0	-	-	-	5	6	-	0.88	47	-	-		
Culdrose ...		9 9	268	8.1	4.1	6.1	-	12.8	25	-5.0	15,16	-	-	3.54	85	.91	24	18	16	2	0	1	0	1	2	4	7	4	1.04	-	-	-	
Rosewarne ...		9 9	250	7.8	4.3	6.1	-	11.7	7,28,30	-5.0	16	6.0	7.6	4.17	94	1.12	24	19	18	2	0	1	0	0	1	6	10	5	0.88	-	-	-	
Lizard ...		9 9	240	8.1	4.7	6.4	-0.7	11.4	25	-3.8	16	-	-	3.37	85	.66	24	19	16	0	0	0	0	1	-	3	-	4	0.92	-	-	-	
Falmouth ...		9 9	167	8.1	4.6	6.3	-0.4	12.2	29	-3.9	15	-	-	4.28	82	.94	24	19	16	0	0	1	0	0	0	4	7	2	0.72	37	-	-	
Newquay ...		9 9	176	7.8	3.8	5.8	-0.5	12.8	29	-5.0	16	-	-	3.23	85	.94	24	17	14	1	-	1	0	0	-	7	-	2	1.21	64	-	-	
St. Mawgan ...		21-9	337	7.4	3.7	5.5	-	12.5	29	-5.4	16	-	-	3.19	75	1.01	24	18	15	3	0	0	2	0	1	8	10	1	1.20	-	-	-	
St. Austell ...		9 9	310	7.6	3.7	5.7	-	13.9	6	-3.9	15,16	-	-	5.32	94	1.39	24	20	17	0	0	0	0	0	7	6	-	0	-	-	-	-	
Fowey ...		9 9	51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Bude ...		9 9	50	7.6	3.6	5.6	-	14.4	29	-5.6	16	3.7	-	2.85	77	.79	10	15	11	-	0	-	-	-	10	-	-	1.23	64	-	-	-	
Ellbridge ...		9 9	190	7.1	3.2	5.1	-0.2	11.1	28,29,31	-5.0	15,16	-	-	4.75	102	1.10	24	19	16	1	1	0	0	0	0	8	-	2	1.03	51	-	-	
9 NORTHERN IRELAND																																	
Londonderry		Loughmore Forest	9 9	570	5.4	0.7	3.1	-	11.1	28	-7.2	15,24	-	-	2.05	-	.64	1	15	9	0	0	0	0	0	0	0	15	16	0	-	-	-
	Ballykelly ...	21-9	6	6.2	2.0	4.1	-0.3	13.4	28	-5.5	15	3.9	6.4	1.19	32	.33	1	11	8	2	0	0	0	0	0	13	5	2	1.05	66	-	-	
	Derrynoyd Forest	9 9	290	5.5	1.2	3.3	-	11.7	28	-5.6	15	-	-	3.53	-	.66	25	17	11	1	0	0	1	0	1	12	15	0	-	-	-	-	
	Somerset Forest	9 9	140	5.9	1.3	3.6	-	11.7	28	-5.6	24	-	-	1.98	-	.42	27	12	10	1	0	0	0	0	3	11	15	0	-	-	-	-	
Antrim	Garvagh Forest	9 9	290	5.5	0.9	3.2	-	11.1	5,28	-5.0	16	-	-	3.28	-	.64	1	16	11	0	0	2	0	0	0	0	14	17	0	-	-	-	-
	Moneydig ...	21-9	112	5.4	1.3	3.3	-0.4	11.3	28	-6.8	24	3.8	-	2.41	58	.44	1,2	14	10	6	0	0	3	0	1	13	15	0	-	-	-	-	
	Portrush ...	-	30	-	-	-	-	-	-	-	-	-	-	1.65	46	.40	28	11	9	-	-	-	-	-	-	-	-	-	0.84	-	-	-	
	Ballymoney ...	9 9	180	5.8	1.6	3.7	-	11.1	28,29	-5.0	15,24,25	-	-	1.75	-	.39	27	10	10	0	-	0	0	0	0	12	14	0	-	-	-	-	
Down	Lisnafillan ...	9 9	124	5.8	0.6	3.2	-	11.1	28	-7.2	15	-	-	2.16	-	.39	27	15	12	0	0	0	0	0	6	13	16	0	0.65	-	-	-	
	Aldergrove ...	21-9	225	5.7	2.1	3.9	+0.2	11.3	28	-6.2	15	3.9	6.7	2.34	-	.48	27	15	10	4	0	0	0	0	0	11	14	0	0.93	64	-	-	
	Greenmount ...	9 9	105	6.1	1.4	3.7	-	11.7	5,28	-6.7	15	3.6	-	2.01	-	.49	27	14	10	1	0	0	0	0	0	13	15	-	-	-	-	-	
	Altnahinch ...	9 9	742	4.5	1.2	2.9	-	10.0	28	-6.7	15	-	-	3.12	-	.58	27	18	12	3	9	0	0	0	3	14	17	6	0.86	-	-	-	
	Parkmore Forest	9 9	770	4.8	1.2	3.0	-	10.0	28	-5.0	15	3.6	-	3.26	-	.59	1	17	11	4	0	0	0	0	0	12	18	2	-	-	-	-	
	Black Mountain	21-9	969	3.8	1.1	2.5	-	9.3	28	-6.0	15	-	-	3.24	-	.64	26	14	9	5	-	0	0	0	0	11	15	-	1	-	-	-	
	Lowtown ...	9 9	890	4.2	0.7	2.5	-	10.0	28	-5.6	15	3.4	-	3.28	-	.73	25	16	10	3	0	0	0	0	7	15	18	0	0.91	-	-	-	
	Ballypatrick Forest	9 9	500	5.3	1.4	3.3	-	11.1	28	-5.6	15	-	-	3.15	-	.91	25	11	10	1	0	1	0	0	0	11	15	2	0.88	-	-	-	
	Newtownabbey ...	9 9	105	6.2	2.8	4.5	-	11.7	28	-3.3	15	4.1	-	2.85	-	.77	25	13	9	6	0	0	0	0	1	4	14	2					

TABLE IV

—SUMMARY OF OBSERVATIONS AT FIXED HOURS

JANUARY,

1966

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (ft.)		Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktae)					VISIBILITY (Yards and Miles)							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	0-44 yds.	45-210 yds.	220-430 yds.	440-1,000 yds.	1,100-2,100 yds.	2,200-4,300 yds.	3-6 mi.	7-12 mi.	13-24 mi.	25 or over mi.	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																																							
0 SCOTLAND, N.																																							
Zetland Lerwick 273 ft.	3	1012.0	-	2.4	0.5	6.7	91	6.9	1	1	3	3	22	1	0	0	0	0	0	1	0	9	7	10	3	2	5	12	9	3	4	3	5	5	7	4	0	0	
	9	1012.2	+5.7	2.3	0.5	6.6	91	7.3	0	2	0	7	21	1	0	0	0	0	1	1	4	6	7	7	5	1	5	12	9	4	3	1	6	5	9	2	1	0	
	15	1012.2	-	2.6	0.5	6.7	90	7.0	0	2	2	11	16	0	0	0	0	0	0	2	7	9	6	7	0	0	5	12	9	1	3	4	3	5	9	2	3	1	0
Orkney Kirkwall 86 ft.	3	1010.6	-	2.6	0.6	6.7	89	6.6	0	2	2	9	18	0	0	0	0	0	0	0	8	10	8	5	0	7	12	10	2	2	2	4	6	10	2	2	1	0	
	9	1010.8	+3.7	3.3	0.7	6.9	88	7.0	0	1	1	16	12	1	0	0	0	0	1	1	6	11	11	3	0	5	14	10	2	2	2	4	6	10	2	2	3	0	
	15	1010.9	-	3.7	0.8	7.0	86	6.8	0	2	3	16	10	0	0	0	0	0	0	0	9	8	6	8	0	6	14	10	1	0	1	9	4	9	3	2	2	0	
Caithness Wick 121 ft.	3	1011.4	-	3.4	0.7	6.9	88	6.8	0	4	5	5	17	0	0	0	0	0	0	1	5	9	12	4	0	9	14	7	1	2	1	7	8	7	0	5	0	0	
	9	1010.3	-	3.3	0.8	6.7	86	5.8	0	8	1	7	15	0	0	0	0	0	0	0	6	11	8	6	0	6	16	9	0	0	2	7	5	9	2	3	3	0	
	15	1010.5	+2.9	3.1	0.8	6.6	86	6.7	0	3	2	11	15	0	0	0	0	0	0	2	8	10	5	6	0	5	13	13	0	0	1	6	10	6	2	4	2	0	
Sutherland Cape Wrath* 371 ft.	3	1010.5	-	4.0	1.1	6.8	83	6.5	0	4	2	13	12	0	0	0	0	0	0	0	9	9	7	6	0	6	19	5	1	1	1	5	11	4	2	3	3	0	
	9	1011.1	-	3.3	1.0	6.6	84	6.1	1	4	3	9	14	0	0	0	0	0	0	0	6	15	6	4	0	7	14	9	1	0	0	9	9	4	2	5	1	0	
	15	1008.5	-	4.0	0.7	7.3	88	6.1	0	3	7	8	13	0	0	0	0	0	0	0	0	3	11	17	0	4	12	15	0	1	1	11	2	10	5	1	0	0	
Ross & Cromarty Stornoway 16 ft.	3	1008.5	-	4.2	0.9	7.1	86	6.7	0	1	5	11	14	0	0	0	0	0	0	0	1	5	7	18	1	4	16	0	1	1	12	5	9	3	0	0	2	0	0
	9	1008.4	-	6.4	0.9	7.4	86	6.2	0	3	6	14	8	0	0	0	0	0	0	0	2	5	8	16	0	7	10	13	1	0	1	12	5	7	3	0	2	0	
	15	1008.8	-	4.3	0.8	7.4	88	6.0	0	4	6	9	12	0	0	0	0	0	0	0	1	5	7	18	0	7	16	1	1	0	1	12	4	6	4	3	0	0	
Inverness Benbecula 21 ft.	3	1008.8	-	3.7	0.7	7.2	88	5.2	3	5	3	13	7	0	0	0	0	0	0	0	1	16	12	2	1	3	8	17	2	1	0	7	6	8	3	3	1	1	0
	9	1008.8	+1.7	3.8	0.8	7.2	87	6.1	0	5	3	13	10	0	0	0	0	0	0	2	14	11	4	0	3	11	15	2	1	2	5	8	6	5	1	1	0		
	15	1008.9	-	5.0	0.9	7.6	85	6.1	0	4	3	19	5	0	0	0	0	0	0	0	3	12	8	8	0	3	12	9	7	2	1	7	4	7	2	1	0	0	
Moray Kinloss 19 ft.	3	1009.6	-	3.8	0.7	7.3	89	4.6	5	6	4	6	10	0	0	0	0	0	0	0	0	17	12	2	0	4	9	14	4	0	0	7	7	2	2	2	0	0	
	9	1007.7	-	3.4	0.7	7.0	87	5.2	4	3	6	10	8	0	0	0	0	0	0	0	3	10	13	5	0	3	11	12	5	1	1	4	8	8	0	2	2	0	
	15	1007.9	+0.2	3.3	0.7	7.0	87	5.4	0	7	6	9	9	0	0	0	0	0	0	0	5	7	8	11	0	5	8	14	4	1	0	4	11	7	3	0	1	0	
Aberdeen Dyce 193 ft.	3	1007.9	-	4.8	1.0	7.3	83	5.6	0	4	8	11	8	0	0	0	0	0	0	0	5	7	10	9	0	4	14	9	4	2	3	4	8	7	2	1	0	0	
	9	1008.6	-	3.1	0.6	7.0	89	5.0	2	7	4	11	7	0	0	0	0	0	0	0	7	7	10	7	1	3	8	17	2	2	5	8	3	9	1	1	0	0	
	15	1008.6	-	3.1	0.6	7.0	89	5.0	2	7	4	11	7	0	0	0	0	0	0	0	7	7	10	7	1	3	8	17	2	2	5	8	3	9	1	1	0	0	
1 SCOTLAND, E.																																							
Moray Kinloss 19 ft.	3	1010.6	-	1.9	0.9	6.0	85	5.4	0	4	11	5	11	0	0	0	0	0	0	1	8	7	12	3	0	0	6	21	4	0	0	5	3	6	10	1	2	0	
	9	1010.7	+2.1	2.3	0.8	6.3	86	6.9	0	0	5	13	13	0	0	0	0	0	1	0	2	8	10	6	4	0	0	7	22	2	0	0	1	9	5	3	8	3	0
	15	1010.6	-	3.8	1.0	6.8	84	6.9	0	0	3	18	10	0	0	0	0	0	1	3	10	6	5	0	1	0	10	20	0	0	0	3	9	4	5	6	4	0	
Aberdeen Dyce 193 ft.	3	1011.3	-	2.9	1.0	6.4	84	6.1	1	4	2	14	10	0	0	0	0	0	0	0	13	7	10	1	0	0	10	18	3	0	0	9	2	9	4	3	1	0	
	9	1010.9	-	2.4	0.8	6.3	86	5.9	1	5	4	5	15	1	0	1	0	0	0	1	7	10	8	3	1	0	2	11	13	5	1	0	2	7	2	4	3	0	
	15	1011.0	+1.6	1.7	0.6	6.2	88	6.7	0	3	1	13	13	1	0	2	0	2	2	6	10	5	1	3	0	3	9	10	9	1	0	3	3	9	3	1	2	0	
Rattray Head* 108 ft.	3	1011.1	-	3.2	1.0	6.5	84	6.5	0	4	1	13	13	0	0	0	0	0	0	2	11	15	1	0	2	3	10	14	4	2	1	4	8	7	1	2	2	0	
	9	1011.8	-	2.5	0.8	6.4	85	6.1	2	4	1	10	14	0	0	0	0	1	1	12	12	3	0	2	0	3	6	18	4	2	0	2	5	11	1	3	3	0	
	15	1011.6	-	3.3	0.7	6.9	87	5.6	2	4	4	12	7	2	0	0	1	1	0	7	22	0	0	0	1	5	11	12	2	2	0	8	3	11	1	3	1	0	
Angus Usan 114 ft.	3	1011.0	+2.5	3.2	0.7	6.8	88	6.4	0	1	6	16	6	2	0	0	1	1	0	0	11	17	1	0	0	6	12	12	1	0	2	10	2	10	0	5	1	0	
	9	1011.1	-	3.9	0.9	6.9	85	6.3	0	1	9	12	9	0	0	0	0	0	0	1	8	22	0	0	10	10	11	0	2	1	5	7	8	1	7	0	0		
	15	1012.1	-	3.5	0.8	6.8	85	5.9	1	3	5	15	7	0	0	0	0	0	0	0	8	23	0	0	8	12	10	1	3	1	8	1	12	1	4	0	0		
Fife Leuchars 38 ft.	3	1010.6	-	3.2	0.9	6.6	85	6.2	0	5	4	3	18	1	0	1	0	0	0	2	7	6	7	8	0	3	12	16	0	3	1	4	3	9	3	2	6	0	
	9	1010.7	-	3.0	0.7	6.7	87	6.5	0	4	2	9	16	0	0	0	0	1	1	2	8	7	6	6	0	5	9	17	0	3	0	7	3	6	4	5	3		
	15	1010.7	-	3.7	0.8	6.9	86	6.8	0	3	0	14	4	0	0	0	0	1	3	2	5	7	9	4	0	4	13	14	0	4	1	4	5	8	1	4	4	0	
Midlothian Turnhouse 144 ft.	3	1011.5	-	3.1	0.7	6.7	86	6.4	1	3	4	4	18	1	0	1	0	0	0	2	8	4	10	6	0	5	10	16	0	4	1	4	4	7	4	3	4	0	

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS JANUARY, 1966

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (ft.)		Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Okta)					VISIBILITY (Yards and Miles)						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	0-44 yds.	45-210 yds.	220-430 yds.	440-1,000 yds.	1,000-2,100 yds.	2,100-4,300 yds.	3-8 mi.	7-12 mi.	13-24 mi.	25 or over mi.	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	
																										SPEED IN KNOTS													
																										34 or more	28-33	11-21	1-10	0									
Number of Observations																																							
2 ENGLAND, N.E.																																							
Northumberland Acklington 151 ft.	3	1011.1	-	2.2	0.7	6.4	88	6.8	1	2	2	6	19	1	0	1	1	1	2	6	5	12	1	2	1	0	11	16	3	2	5	3	5	4	3	4	2	0	
	9	1011.1	+0.1	2.1	0.6	6.5	90	6.8	0	2	3	12	13	1	0	0	0	1	1	4	6	3	13	1	2	0	4	14	15	1	3	4	1	7	5	4	5	1	0
	15	1011.1	-	3.7	0.9	6.9	85	6.9	0	1	3	15	12	0	0	0	0	0	5	9	3	7	6	1	0	0	4	12	14	1	3	4	1	7	5	4	2	3	
	21	1012.0	-	2.6	0.7	6.6	88	6.1	3	1	5	9	13	0	0	0	0	1	1	3	7	3	14	2	0	0	2	10	18	1	2	2	5	2	9	2	4	4	2
	23	1011.7	-	3.3	1.0	6.6	84	6.6	3	1	2	4	19	2	0	1	0	1	1	3	7	3	14	2	0	0	4	18	8	1	1	3	6	3	8	4	3	0	
Tynemouth 130 ft.	3	1011.6	+0.1	3.1	0.9	6.5	85	6.9	0	1	4	8	17	1	0	0	1	1	5	8	5	8	3	0	0	0	4	14	13	0	1	1	7	5	8	4	4	5	0
	9	1011.7	-	4.1	0.9	7.0	84	7.2	0	1	2	10	18	0	0	0	0	0	3	8	5	10	4	1	0	0	4	13	13	1	4	2	5	5	7	1	5	1	0
	15	1011.7	-	3.7	1.0	6.8	83	6.6	3	1	2	5	20	0	0	0	0	0	3	7	8	11	2	0	0	4	19	7	2	1	3	4	3	6	3	5	1	0	
	21	1009.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	9	17	2	1	3	3	3	8	12	1	5	1	0
	23	1011.0	-	3.4	1.1	6.6	83	6.8	0	3	3	4	20	1	0	0	0	1	2	3	0	10	9	6	0	0	1	13	14	3	2	0	5	6	6	3	5	1	0
Seahouses 41 ft.	3	1010.9	-	4.1	2.1	6.5	80	6.8	0	2	3	8	17	1	0	0	1	2	5	0	6	6	6	0	0	0	2	8	19	2	1	0	8	1	10	2	4	3	0
	9	1011.8	-	3.9	1.3	6.6	80	6.5	2	3	2	4	20	0	0	0	0	1	1	6	6	14	3	0	0	0	1	7	20	3	1	3	6	3	8	3	3	1	0
	15	1011.4	-	1.8	0.6	6.3	89	6.5	1	4	1	6	15	4	0	2	2	3	2	8	7	5	2	0	0	1	6	20	4	5	2	1	5	10	1	1	2	2	0
	21	1011.5	-	1.6	0.6	6.2	89	7.0	0	2	2	9	14	4	0	5	0	2	6	5	4	3	0	0	0	1	7	17	6	5	0	2	4	9	1	2	2	3	0
	23	1012.3	-	2.1	0.7	6.4	88	6.7	3	1	2	3	18	4	0	3	0	1	1	6	5	9	4	2	1	0	0	11	16	4	5	1	3	4	8	1	3	2	0
Whitby Coastguard 210 ft.	3	1011.5	-	3.0	0.9	6.5	85	6.7	0	2	4	7	18	0	0	0	0	1	1	6	3	12	9	3	0	0	6	10	14	1	0	3	6	7	9	4	0	1	0
	9	1011.5	-	2.5	0.7	6.4	86	6.9	0	2	3	9	15	2	0	0	0	1	0	3	3	12	9	3	0	0	3	12	14	2	0	4	5	4	12	2	1	1	0
	15	1011.4	-	4.1	1.0	6.9	83	6.8	0	3	2	11	14	1	1	0	1	0	2	4	7	14	2	0	0	5	15	11	0	1	7	3	5	10	2	1	2	0	
	21	1012.4	-	3.2	0.8	6.7	85	6.4	1	5	0	8	16	1	0	0	0	1	1	1	20	8	0	0	0	3	18	8	2	0	4	5	5	6	2	3	1	0	
	23	1011.8	-	1.9	0.7	6.3	87	6.5	1	1	7	3	18	1	0	1	1	2	3	2	8	4	6	5	0	0	1	7	20	3	2	5	5	5	6	2	3	1	0
Yorks., E. Riding Leconfield 28 ft.	3	1012.0	-0.5	1.9	0.6	6.3	88	7.0	0	2	1	11	16	1	0	2	1	2	5	3	10	4	4	0	0	0	1	11	13	6	3	2	3	4	7	2	3	1	0
	9	1012.0	-	3.7	0.9	6.9	85	7.2	1	0	1	13	15	1	0	2	0	2	4	8	9	5	2	0	0	1	13	14	3	5	3	1	6	6	2	2	3	1	0
	15	1012.9	-	2.4	0.7	6.5	87	6.2	2	2	3	10	14	0	0	0	0	3	4	8	9	5	2	0	0	2	8	17	4	3	4	5	5	5	1	4	0	0	
	21	1011.6	-	2.8	0.7	6.7	88	6.3	2	0	3	7	18	1	1	1	0	2	1	0	1	15	0	0	0	2	5	14	8	2	0	2	7	4	10	2	1	3	0
	23	1011.5	-1.3	2.6	0.5	6.8	91	7.3	0	1	2	6	22	0	0	1	1	2	1	2	10	14	0	0	0	1	10	10	9	1	0	3	7	4	8	1	6	1	0
Lincoln Waddington 227 ft.	3	1011.8	-	3.5	0.6	7.1	90	7.1	0	1	3	9	18	0	0	1	0	3	2	4	12	9	0	0	0	1	7	13	6	4	1	4	4	5	8	1	3	1	0
	9	1012.8	-	3.2	0.8	6.7	87	6.4	2	1	7	3	18	0	0	2	0	1	1	4	8	18	0	0	0	3	6	14	5	3	1	3	6	4	7	2	3	2	0
	15	1011.7	-	1.5	0.5	6.4	91	8.5	3	1	3	2	18	4	0	3	2	1	4	4	9	6	2	0	0	0	12	19	0	5	4	7	5	5	3	0	2	0	
	21	1012.0	-1.7	1.7	0.5	6.5	90	6.9	0	4	0	8	15	4	0	2	3	0	3	5	12	4	2	0	0	0	13	16	2	4	4	4	4	5	4	2	2	3	0
	23	1012.7	-	2.0	0.5	6.6	91	8.5	2	2	2	6	17	2	0	2	1	1	7	4	10	6	0	0	0	0	2	9	18	2	5	4	5	4	5	3	1	2	0
Binbrook 356 ft.	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	
	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	
	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	
	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	
Manby 47 ft.	3	1011.7	-	2.2	0.6	6.5	88	6.5	2	3	2	5	18	1	0	1	0	1	4	4	14	5	2	0	0	0	1	11	15	4	4	4	4	6	3	3	1	0	0
	9	1011.9	-1.3	2.4	0.6	6.6	88	7.3	0	1	1	10	17	2	0	0	2	1	4	4	14	3	2	1	0	0	1	14	14	3	0	6	4	6	6	3	3	0	0
	15	1011.9	-	3.5	0.7	7.1	88	6.8	1	2	1	10	13	4	0	0	0	2	0	3	7	13	5	1	0	0	0	15	14	2	0	7	3	5	6	3	3	2	0
	21	1012.8	-	2.5	0.6	6.6	88	6.8	2	1	1	8	17	2	0	1	1	0	2	7	12	7	1	0	0	0	1	13	12	5	1	5	3	6	5	2	2	2	0
	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	
3 ENGLAND, E.																																							
Norfolk Marham 89 ft.	3	1011.9	-	2.1	0.6	6.5	89	6.0	4	2	2	7	14	2	0	0	1	0	1	0	9	15	5	0	0	0	0	13	16	1	8	1	8	5	5	2	0	1	0
	9	1012.0	-2.3	2.3	0.6	6.5	88	7.0	0	2	2	10	17	0	0	0	0	0	5	7	12	6	1	0	0	0	0	14	15	2	5	4	5	7	3	3	1	1	0
	15	1012.1	-	3.8	1.0	6.8	83	6.5	2	1	2	12	14	0	0	0	0	0	2	0	6	17	6	0	0	0	0	15	15	1	3	5	8	4	3	3	2	2	0
	21	1012.9	-	2.6	0.7	6.6	88	6.1	3	1	4	8	13	2	0	1	1	1	1	9	13	5	0	0	0	0													

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

JANUARY,

1966

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (ft.)		Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Okta)					VISIBILITY (Yards and Miles)							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	0-44 yds.	45-210 yds.	220-430 yds.	440-1,000 yds.	1,100-2,100 yds.	2,200-4,300 yds.	3-8 mi.	7-12 mi.	13-24 mi.	25 or over mi.	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 —cont.																																						
Finningley 46 ft.	3	1011.5	-	1.9	0.6	6.4	90	6.5	4	1	2	3	19	2	0	0	2	6	2	6	9	3	3	0	0	0	7	19	5	5	1	4	8	2	1	2	3	
	9	1011.8	-1.3	2.1	0.6	6.5	90	7.1	0	0	4	11	14	2	0	1	1	9	3	5	7	5	0	0	0	0	6	20	5	7	0	5	7	2	1	3	4	
	15	1011.7	-	3.8	0.9	7.0	85	7.2	1	3	2	9	13	3	0	2	1	3	2	5	14	4	0	0	0	0	10	18	3	3	3	7	4	3	1	3	4	
Northampton Wittering 219 ft.	3	1011.6	-	1.8	0.5	6.5	91	7.0	1	1	3	5	18	3	0	1	3	2	0	7	11	3	4	0	0	0	8	22	1	1	5	2	6	4	5	1	3	
	9	1011.9	-2.1	1.8	0.4	6.6	91	6.9	2	1	0	10	15	3	0	3	1	2	2	8	9	2	2	0	0	0	11	17	3	4	3	3	7	5	1	3	2	
	15	1011.9	-	3.4	0.8	6.9	86	6.5	1	3	3	7	15	2	0	2	0	3	3	5	9	7	2	0	0	0	11	16	2	4	5	4	5	4	3	3	1	
Warwick Edgbaston 542 ft.	3	1012.2	-	2.5	0.6	6.8	90	6.4	2	2	2	5	18	2	0	2	2	2	4	7	10	4	0	0	0	0	10	17	4	5	5	3	3	6	1	3	1	
	9	1011.4	-2.7	1.9	0.4	6.7	92	6.6	0	3	3	9	15	1	0	2	1	1	10	9	3	4	1	0	0	0	11	20	0	7	1	6	7	6	0	3	1	
	15	1011.1	-	3.7	0.9	7.0	85	6.6	0	2	3	14	12	0	0	0	1	3	9	10	3	2	0	0	0	0	20	11	0	4	2	7	8	5	1	3	1	
Eimdon 362 ft.	3	1012.0	-	2.5	0.5	6.8	91	6.9	3	1	0	3	23	1	0	0	1	3	7	5	9	6	0	0	0	1	11	18	1	2	7	4	5	9	1	0	2	
	9	1011.0	-	2.1	0.9	6.3	84	7.1	1	1	1	8	16	4	0	0	3	3	2	9	10	3	0	1	0	0	9	19	3	5	3	4	7	4	4	1	0	
	15	1011.3	-	1.8	0.5	6.5	90	6.9	0	3	1	10	14	3	0	1	1	2	4	11	6	6	0	0	0	0	11	19	1	4	3	5	8	3	2	3	2	
Shropshire Shawbury 249 ft.	3	1011.1	-	4.0	1.4	6.5	76	6.8	1	1	1	14	13	1	0	0	1	1	3	10	9	7	0	0	0	0	14	16	1	3	6	5	6	4	3	2	1	
	9	1012.0	-	2.3	0.7	6.5	87	6.5	2	4	0	3	20	2	0	1	1	2	5	7	12	3	0	0	0	1	9	18	3	3	7	3	5	6	2	1	1	
	15	1010.5	-	2.4	0.6	6.7	90	7.2	0	1	3	4	22	1	0	0	0	3	4	13	5	2	3	1	0	0	10	15	6	4	3	7	3	3	3	1	1	
Worcester Persore 117 ft.	3	1011.0	-	2.1	0.6	6.6	90	6.7	0	3	0	17	10	1	0	0	2	4	3	4	10	3	4	1	0	0	9	18	4	3	1	8	6	4	0	5	0	
	9	1010.8	-	4.1	1.1	7.0	82	6.2	1	3	3	12	11	1	0	0	0	2	5	5	10	5	3	1	0	0	11	19	1	4	1	11	6	2	1	5	0	
	15	1011.6	-	2.5	0.6	6.7	89	6.5	1	3	4	3	20	0	0	0	0	2	8	9	5	4	3	0	0	0	9	16	6	6	1	4	7	4	1	2	0	
Hereford Ross-on-Wye 226 ft.	3	1010.8	-	2.6	0.6	6.9	89	6.7	2	1	3	8	17	0	0	0	0	1	4	10	8	4	4	0	0	0	2	7	20	2	4	3	7	6	3	4	1	1
	9	1011.2	-	2.3	0.6	6.7	88	6.3	0	6	0	10	15	0	0	0	0	1	6	9	6	4	3	2	0	0	13	12	4	3	2	10	2	3	3	3	1	
	15	1011.0	-	4.7	1.3	7.0	80	6.3	1	3	2	14	11	0	0	0	0	0	4	11	4	5	6	1	0	0	14	12	2	2	4	8	6	2	3	3	1	
Gloucester Filton 197 ft.	3	1011.8	-	2.9	0.7	6.8	88	6.4	1	5	2	4	17	2	0	1	0	1	4	10	9	3	3	0	0	0	12	14	4	3	4	7	5	4	2	1	1	
	9	1010.6	-3.7	2.8	0.6	6.9	88	6.7	0	4	1	7	18	1	0	1	0	0	2	5	16	2	5	0	0	0	4	25	2	1	4	11	0	5	4	3	1	
	15	1010.4	-	4.6	1.2	7.1	80	6.5	0	4	3	10	13	1	0	0	1	1	0	7	14	3	5	0	0	0	7	23	1	3	7	8	1	5	3	3	0	
Gloucester 79 ft.	3	1011.2	-	3.0	0.7	6.9	88	6.5	2	2	1	9	15	2	0	0	2	1	1	7	14	3	8	0	0	0	7	21	3	3	6	7	4	4	1	3	0	
	9	1010.5	-	3.1	0.6	7.1	89	7.2	2	0	2	4	23	0	0	0	0	0	5	10	10	6	0	0	0	1	9	20	1	5	6	9	2	2	4	1	1	
	15	1011.0	-3.8	2.9	0.5	7.1	89	6.8	1	2	5	5	18	0	0	0	0	2	5	11	7	5	1	0	0	0	9	19	3	5	5	8	4	2	2	2	0	
Little Rissington 751 ft.	3	1010.7	-	4.5	0.9	7.5	85	6.0	1	4	4	9	13	0	0	0	0	1	3	10	8	7	2	0	0	2	11	15	3	3	7	6	5	2	4	1	0	
	9	1011.5	-	2.8	0.5	7.0	90	5.9	2	4	3	6	16	0	0	0	0	0	5	12	9	5	0	0	0	1	9	17	4	5	6	6	5	2	2	1	0	
	15	1010.9	-	3.4	0.6	7.2	88	6.8	0	3	1	6	21	0	0	0	0	1	7	6	10	6	1	0	0	0	8	20	3	6	5	6	3	4	3	1	0	
5 ENGLAND, S.E.	3	1011.3	-	3.3	0.9	6.9	86	6.6	1	2	4	7	17	0	0	0	1	2	5	10	6	4	2	1	0	0	11	18	2	4	6	2	4	4	5	2	2	
	9	1011.1	-	5.1	1.3	7.3	80	6.4	0	3	3	13	12	0	0	0	0	2	4	7	8	6	4	0	0	0	13	16	2	3	6	4	7	2	3	4	0	
	15	1011.9	-	3.5	0.9	7.0	86	6.5	2	1	4	3	20	1	0	1	0	1	6	7	12	4	0	0	0	0	8	18	5	5	7	1	5	5	2	1	0	
Greater London Heathrow 86 ft.	3	1010.9	-3.0	1.4	0.3	6.7	94	7.0	0	2	3	4	16	6	0	5	2	0	4	3	10	4	2	1	0	0	10	16	2	5	3	7	4	5	4	0	1	
	9	1011.4	-	1.1	0.3	6.5	93	6.7	0	2	3	9	10	7	0	7	0	2	1	9	3	7	0	2	0	0	2	10	16	3	2	4	10	3	3	2	4	0
	15	1011.1	-	2.8	0.7	6.8	88	6.8	0	3	2	10	12	4	0	2	1	3	8	7	5	4	1	0	0	0	3	16	8	4	2	7	4	3	5	2	3	
Kew 34 ft.	3	1011.9	-	1.5	0.3	6.6	93	6.5	0	4	4	2	15	6	0	6	0	0	3	4	7	8	2	1	0	0	2	9	15	5	3	5	6	3	5	0	3	1
	9	1011.2	-	2.8	0.7	6.9	88	6.5	1	2	3	11	14	0	0	0	1	3	3	5	11	5	4	1	0	0	0	12	17	1	5	1	10	4	3	1	5	1
	15	1012.3	-	3.2	0.7	7.0	87	6.8	1	0	6	6	17	1	0	0	1	2	4	6	13	3	2	0	0	0	0	12	18	1	4	4	7	5	5	3	4	0
Surrey Gatwick 195 ft.	3	1012.3	-	3.2	0.7	7.0	87	6.8	1	0	6	6	17	1	0	0	1	2	4	6	13	3	2	0	0	0	0	12	18	1	4	4	7	5	5	3	1	1
	9	1011.7	-3.4	3.3	1.0	6.6	82	6.8	1	2	2	7	18	1	0	0	1	3	4	5	6	9	1	2	0	0	1	11	19	0	4	3	13	1	3	2	5	0
	15	1011.7	-	5.0	1.7	6.7	74	6.5	1	1	4	11	13	1	0	0	0	3	2	5	11	6	2	2	0	0	0	12	18	1	2	7	6	3	4	5	3	0
Kent Dungeness 42 ft.	3	1012.4	-	3.8	1.2	6.8	81	6.4	2	2	2	8	17	0	0	1	0																					

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

JANUARY, 1966

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (ft.)		Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktaa)					VISIBILITY (Yards and Miles)										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	0-44 yds.	45-210 yds.	220-430 yds.	440-1,000 yds.	1,000-2,000 yds.	2,000-4,000 yds.	3-6 mi.	7-12 mi.	13-24 mi.	25 or over mi.	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	22-23	11-21	1-10	0								
Number of Observations																																						
7a ENGLAND, N.W.		3	1010.9	-	2.7	1.0	6.3	84	6.4	1	3	5	6	15	1	0	0	0	1	0	7	12	10	1	0	0	3	3	21	4	2	7	9	2	2	3	2	0
		9	1011.1	-	2.7	0.8	6.5	86	6.5	0	3	3	13	12	0	0	0	0	2	0	6	14	9	0	0	0	1	10	13	7	1	2	3	11	5	1	2	0
		15	1011.1	-	4.2	1.1	6.9	81	6.7	1	1	1	17	10	1	0	0	1	1	0	7	11	9	2	0	0	0	12	13	6	2	3	7	5	2	1	0	
		21	1012.0	-	2.9	1.0	6.4	84	6.7	2	1	2	7	18	1	0	0	1	0	0	3	0	7	15	4	1	0	0	9	17	5	3	8	4	2	2	5	0
Westmorland Great Dun Fell		3	-	-	-2.4	0.1	5.1	97	7.5	1	0	1	2	1	26	15	11	0	0	0	0	3	1	1	0	0	3	7	15	5	1	2	3	9	4	2	5	0
		9	-	-	-2.0	0.2	5.2	95	7.3	1	0	3	1	1	25	10	15	0	0	0	0	2	1	3	0	0	3	13	11	3	1	3	6	7	2	6	5	0
		15	-	-	-1.7	0.1	5.4	96	7.1	2	0	2	2	3	22	10	11	0	1	1	0	0	2	2	6	0	2	8	17	3	1	2	10	3	2	6	5	2
		21	-	-	-2.3	0.1	5.1	96	6.9	2	0	4	1	2	22	12	11	0	0	0	0	2	2	3	1	4	9	12	5	1	1	7	1	4	8	1	1	
Lancashire Squires Gate		3	1010.1	-	2.3	0.5	6.7	90	6.5	2	0	6	7	16	0	0	0	2	5	7	7	8	1	1	0	3	12	16	0	2	5	11	8	1	4	0	0	
		9	1010.3	-2.4	2.4	0.5	6.8	90	6.1	2	3	3	11	11	1	1	0	1	5	12	10	1	1	0	0	0	1	15	13	2	1	4	11	7	2	1	3	0
		15	1010.3	-	4.5	0.9	7.4	85	5.9	1	2	7	12	9	0	0	0	0	4	15	10	2	0	0	0	0	3	15	12	1	1	4	7	9	4	1	3	1
		21	1011.0	-	2.7	0.7	6.7	88	6.0	4	1	3	8	15	0	1	0	0	2	3	15	5	5	0	0	0	3	14	13	1	3	2	9	9	3	3	1	0
Speke		3	1010.6	-	2.9	0.7	6.7	86	6.6	2	1	3	9	16	0	0	0	2	2	6	13	4	3	1	0	2	9	18	2	3	5	7	9	2	1	0	2	
		9	1010.8	-	3.0	0.9	6.6	85	6.3	0	4	2	14	11	0	0	0	2	6	6	13	2	1	1	0	2	15	11	3	2	3	5	12	0	1	4	1	
		15	1010.7	-	4.7	1.4	6.9	78	5.7	1	4	7	8	11	0	0	0	2	4	7	12	3	3	0	0	1	17	12	1	2	4	7	10	2	1	3	1	
		21	1011.4	-	3.3	0.9	6.7	84	5.8	3	2	5	9	12	0	0	0	2	10	6	9	3	1	0	0	2	15	11	3	3	2	6	9	5	2	1	0	
Cheshire Ringway		3	1010.7	-	2.6	0.9	6.3	83	6.1	1	5	4	3	18	0	0	0	0	1	4	17	3	1	1	0	2	10	15	4	2	4	5	3	9	2	1	0	
		9	1011.0	-2.1	2.7	1.0	6.3	82	6.4	0	2	5	14	10	0	0	0	0	0	5	10	14	1	1	0	0	2	8	15	6	2	3	7	3	7	2	1	0
		15	1010.9	-	4.5	1.6	6.4	74	6.2	1	2	6	10	12	0	0	0	0	1	15	11	3	0	0	0	1	13	14	3	2	5	7	3	6	3	1	1	
		21	1011.7	-	3.2	1.1	6.4	81	6.2	4	2	1	7	17	0	0	0	0	1	7	5	14	4	0	0	0	1	13	14	3	3	4	5	4	9	2	1	0
7b NORTH WALES		3	1009.0	-	4.2	0.8	7.4	86	5.8	5	2	3	7	14	0	0	0	0	0	4	14	8	5	0	1	6	10	14	0	2	6	10	2	8	1	2	0	
Anglesey Valley		9	1009.3	-3.0	4.1	1.0	7.1	84	6.0	1	3	6	6	15	0	0	0	0	0	1	3	12	9	4	2	2	7	18	13	1	1	6	11	1	6	2	3	0
		15	1009.2	-	5.9	1.3	7.6	80	6.5	0	2	4	9	16	0	0	0	0	1	0	13	8	8	1	0	7	12	12	0	0	7	9	4	6	4	1	0	
		21	1010.0	-	4.1	0.8	7.3	86	5.4	3	3	6	7	12	0	0	0	0	0	5	13	11	2	0	0	6	12	13	0	1	7	9	4	7	1	1	1	
		3	1009.2	-	5.1	0.4	8.3	93	6.3	4	2	2	1	22	0	0	0	0	1	0	0	1	27	2	0	3	12	12	4	0	0	1	6	10	8	3	1	2
Caernarvon Bardsey Island		9	1009.0	-	5.1	0.6	8.1	90	6.4	1	1	5	10	14	0	0	0	0	1	0	18	11	0	0	4	17	7	3	0	0	1	8	10	6	1	3	2	
		15	1009.1	-	5.7	0.6	8.5	89	6.3	1	2	6	4	18	0	0	0	0	0	2	16	12	1	0	0	4	10	6	1	0	1	7	5	10	3	3	1	
		21	1009.6	-	5.4	0.6	8.3	90	6.0	4	2	3	3	19	0	0	0	0	0	0	0	24	4	0	0	4	8	17	2	0	0	3	11	10	2	1	1	0
		3	1008.6	-	3.8	0.8	7.2	85	6.1	6	1	0	5	19	0	0	0	0	0	5	8	16	2	0	0	3	15	11	2	0	1	9	11	3	3	2	0	
Cardigan Aberporth		9	1008.9	-4.8	3.9	0.9	7.1	84	6.2	1	3	3	14	10	0	0	0	0	0	4	11	13	3	0	0	5	14	11	1	0	3	8	8	6	2	3	0	
		15	1008.7	-	5.1	1.2	7.3	79	6.2	0	4	5	9	13	0	0	0	0	0	4	11	9	7	0	0	4	15	12	0	0	4	7	11	4	3	1	1	
		21	1009.6	-	4.1	0.9	7.3	85	5.8	2	5	4	16	0	0	0	0	0	1	2	12	13	3	0	0	3	13	14	1	0	2	8	9	8	2	1	0	
		3	1008.5	-	4.7	0.6	7.9	90	6.7	3	1	2	2	22	1	0	0	1	0	0	2	22	6	0	0	0	6	16	9	0	2	5	10	7	1	4	2	0
Pembroke Milford Haven C.B.		9	1008.7	-	4.8	0.8	7.9	88	7.1	0	0	5	6	20	0	0	0	0	0	4	25	2	0	0	0	4	19	7	1	1	2	14	6	2	1	4	0	
		15	1008.8	-	5.8	0.9	8.1	85	6.5	1	3	3	4	19	1	0	0	1	0	2	25	3	0	0	0	4	16	11	0	0	3	12	6	5	2	2	1	
		21	1009.6	-	4.7	0.6	7.9	89	5.4	6	3	2	5	15	0	0	0	0	1	1	21	8	0	0	0	5	16	9	1	2	5	10	7	2	1	3	0	
		3	1009.1	-	4.2	0.8	7.3	86	6.8	1	3	1	4	21	1	0	0	0	1	0	2	16	11	1	0	1	11	17	2	0	4	3	16	1	0	4	2	1
Glamorgan Mumbles		9	1009.4	-	4.3	1.0	7.4	84	6.7	0	2	4	8	17	0	0	0	1	0	3	17	8	1	0	3	12	13	3	0	3	17	0	3	2	3	0		
		15	1009.5	-	4.9	1.0	7.4	82	6.2	0	4	6	6	15	0	0	0	0	2	7	15	7	0	0	3	7	16	5	0	0	4	16	3	1	4	0	0	
		21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		3	1010.0	-	3.2	0.5	7.2	90	7.1	2	0	1	6	20	2	0	0	2	0	5	4	9	9	2	0	0	5	11	15	0	2	3	15	4	0	3	3	1
Rhoose		9	1010.5	-4.4	3.2	0.6	7.2	90	6.7	0	2	3	8	17	1	0	1	0	1	9	10	10	0	0	0	3	15	13	0	2	4	13	4	2	3	1	0	
		15	1010.3	-	4.3	0.7	7.6	87	6.5	0	1	7	10	13	0	0	0	0	2	9	7	10	3	0	0	5	12	14	0	0	6	12	4	4	0	5	0	
		21	1011.1	-	3.2	0.5	7.3	91	6.8	2	1	3	3	19																								

TABLE II—ADDITIONS AND CORRECTIONS

YEAR	MONTH	STATION	HEIGHT OF VANE IN FEET			DISTRIBUTION OF MEAN HOURLY 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 m. p. h.	Day and Time		
1937	January	South Shields	73	57	44														61	30	0440	
1938	February	South Shields	73	57	44														70	12	1440	
1939	April	South Shields	73	57	44														53	17	1235	
	December	South Shields	73	57	44														53	2	0440	
1940	June	South Shields	73	57	44														46	8	1405	
1942	April	South Shields	73	57	44														47	10	1205	
	April	Scilly	230	65	57														65	9	1320	
1945	May	South Shields	73	57	44														50	14	1220	
1948	September	South Shields	73	57	44														52		1235	
	December	Scilly	230	65	57														knots	11	0720	
1960	January	South Shields	73	57	44														61	19	2305	
	October	South Shields	73	57	44														9		1925	
1962	January	Scilly	230	65	57	8,10-13,15,21	79	22	251	340	74	0	0	21.4	250	57	11	05	79	11	0410	
1964	July-Dec.	Boscombe Down	425	53	53																	
1965	Jan.-Oct.	Boscombe Down	425	53	53																	
	August	Shin	78	33	33	-	0	4	14	248	249	233	0	8.1	250	26	25	13	42	25	1225	
	September	Shin	78	33	33	-	0	4	16	176	238	290	0	6.9	200	32	21	09	52	21	0855	
	September	Duirinish	125	65	55	f																
	September	Bell Rock	128	131	124	17,18	9	20	189	386	104	32	0	17.1	030	44	18	02	55	18	0200	
	September	Paisley	188	81	31	-	0	0	0	73	338	309	0	4.9	300	16	18	11	40	21	1005	
	October	Shin	78	33	33	28,30	4	4	28	108	188	416	0	5.6	230	37	28	12	64	28	0935	
	October	Bell Rock	128	131	124	27-31	52	17	140	369	119	64	0	16.5	260	43	28	13	58	30	1935	
	October	Paisley	188	81	31	-	0	2	5	105	289	345	0	5.3	180	25	30	02	49	30	0225	
	October	Dungeness	70	50	33	31	1	8	87	342	241	73	0	12.5	220	34	31	24	49	30	1630	
	October	Calshot	50	41	33	-	0	1	4	262	415	63	0	9.3	220	24	31	18	36	30	1310	
	October	Fleetwood	112	50	31	-	0	3	23	98	264	357	2	5.7	260	28	30	13	59	30	1200	
	November	Calshot	50	41	33	16	2	10	75	343	285	15	0	12.6	110	34	16	04	53	23	1900	
	December	Rannoch	1006	56	57	f																
	December	Paisley	188	81	31	-	0	0	0	79	390	275	0	5.2	260	18	19	09	42	5	2355	
	December	South Shields	73	57	44	3	1	4	9	226	419	89	0	8.9	010	35	3	19	47	3	1810	
		Ballykelly	Dines P. T. Anemograph Records																			
		Tabulated	wind speeds of 10 knots and below are unreliable from at least 16th May, 1960 until 23rd July, 1965 and there is some reason to believe that the fault, due to an excess of lead shot in the cup, may have been as early as June, 1959.																			

Ballykelly Dines P. T. Anemograph Records

Tabulated wind speeds of 10 knots and below are unreliable from at least 16th May, 1960 until 23rd July, 1965 and there is some reason to believe that the fault, due to an excess of lead shot in the cup, may have been as early as June, 1959.

* Also on 22nd, 24th and 25th
f Defective record

f Anemograph dismantled for re-erection

TABLE VIII—NUMBER OF DAYS IN JANUARY, 1966
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 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	1 22	8 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 9	19 3	0 0	0 0	0 0	Edgbaston	3 16	9 3	0 0	0 0	0 0	0 0	0 0	0 0	0 0	2 9	14 6	0 0	0 0	0 0	0 0		
Stornoway	0 14	15 2	0 0	0 0	0 0	0 0	0 0	0 0	0 0	2 8	13 8	0 0	0 0	0 0	0 0	Kew	2 13	11 5	0 0	0 0	0 0	0 0	0 0	0 0	0 0	1 10	9 11	0 0	0 0	0 0	0 0		
Craibstone	0 23	8 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	1 14	15 1	0 0	0 0	0 0	0 0	Hastings	4 9	18 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 12	12 7	0 0	0 0	0 0	0 0		
Rothsay	0 19	12 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	1 8	17 5	0 0	0 0	0 0	0 0	Southampton	2 11	10 8	0 0	0 0	0 0	0 0	0 0	0 0	0 0	4 8	8 11	0 0	0 0	0 0	0 0		
Renfrew	2 16	11 2	0 0	0 0	0 0	0 0	0 0	0 0	0 0	2 8	15 6	0 0	0 0	0 0	0 0	Stonyhurst	3 15	11 2	0 0	0 0	0 0	0 0	0 0	0 0	0 0	2 11	16 2	0 0	0 0	0 0	0 0		
Eskdalemuir	5 17	9 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	1 4	12 11	3 0	0 0	0 0	0 0	Bidston	1 16	10 4	0 0	0 0	0 0	0 0	0 0	0 0	0 0	2 9	15 5	0 0	0 0	0 0	0 0		
Douglas	0 16	15 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	8 19	4 0	0 0	0 0	0 0	Valley	0 11	17 3	0 0	0 0	0 0	0 0	0 0	0 0	0 0	1 7	12 11	0 0	0 0	0 0	0 0		
Cockle Park	0 22	7 2	0 0	0 0	0 0	0 0	0 0	0 0	0 0	2 12	16 1	0 0	0 0	0 0	0 0	Falmouth	1 9	8 13	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 5	9 17	0 0	0 0	0 0	0 0		
Gorleston	1 19	8 3	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	8 20	3 0	0 0	0 0	0 0	Aldergrove	0 16	11 4	0 0	0 0	0 0	0 0	0 0	0 0	0 0	1 10	11 9	0 0	0 0	0 0	0 0		
Cambridge	2 15	9 5	0 0	0 0	0 0	0 0	0 0	0 0	0 0	1 1	14 12	3 0	0 0	0 0	0 0	Armagh	0 15	9 7	0 0	0 0	0 0	0 0	0 0	0 0	0 0	2 10	11 8	0 0	0 0	0 0	0 0		

TABLE XIII—SOLAR RADIATION AND ILLUMINATION, JANUARY, 1966

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	63	31	2	5	20.1	31	48	31	2	5	18.0	31	70	31	2	5	22.6	31
Eskdalemuir	89	19	7	5	36.1	31	72	19	5	5	30.4	31	97	19	7	5	40.9	31
Cambridge	148	30	21	21	60.9	31	75	18	21	21	44.6	31	-	-	-	-	-	-
London (High Holborn)	109	18	6	20	48.9	31	70	15	6	20	40.3	31	111	18	6	20	53.9	31
Kew	114	19	11	20	55.8	31	88	30	11	20	43.2	31	124	30	12	20	60.0	31
Bracknell (Earlhamstead)	130	8	15	20	55.6	31	79	30	15	20	43.6	31	132	18	17	22	62.1	31
Aberporth	133	31	26	29	64.1	31	81	27	25	29	48.2	31	-	-	-	-	-	-

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Printed in England for H.M. Stationery Office by Keyswift Ltd. Edgware. Wt. 15/PS407645 K.12. 6/66. Grp S.T. 72-7-66-1.

Monthly Weather Report

OF THE METEOROLOGICAL OFFICE

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

Volume 83 Number 2

Published by HER MAJESTY'S STATIONERY OFFICE

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February 1966 — *Dull and wet with very mild and very cold spells*

Weather was mainly cyclonic in character except on the 11th-17th when pressure was high over Scandinavia or to the north of the British Isles.

The very mild weather of late January, with afternoon temperatures in many places as much as 5°C above average, continued for most of the first week of February. A large and complex depression was almost stationary during this time to the south-west of Iceland, and a succession of troughs moving northwards in a mild airstream from low latitudes brought rain almost daily to most places, and this was heavy locally in the west and north. Many places in Scotland recorded more than 1 inch of rain on the 4th. Wind reached gale force at times in the south-west.

Cold easterly winds, associated with rising pressure further north, spread into Scotland on the 7th, preceded by widespread, and at times, heavy rain; many places in northern England had more than 1 inch of rain on the 7th. These winds spread slowly southwards during the next three or four days bringing wintry weather to most districts. After continued heavy rain in the north-west on the 8th, strong easterly winds brought snow to most northern districts on the 9th; some roads in the East Riding of Yorkshire and the Pennines were blocked by snow-drifts. Further south, in parts of Norfolk, afternoon temperatures, which had reached 10°C on the 8th, failed to rise above freezing point on the 9th. On the 10th a small depression moving eastwards along the south coast gave considerable rain in southern England.

By the 11th the wintry weather had extended to the whole of the country except the extreme south-west, and with pressure remaining high to the north of Scotland the cold easterly winds became established over the country for about a week. Day temperatures remained near or below freezing in many districts, particularly in the north and east, and night frosts were locally very severe. After a sunny day on the 14th temperature near Balmoral fell to -20°C on two successive nights. Snow fell in most districts and was moderate to heavy at times in the eastern half of the country; by the 14th it lay 4-6 inches deep in many parts of north-east England and 12 inches deep near Ushaw.

Troughs associated with a deep depression approaching the south-west of the British Isles from the Atlantic brought rain to most of southern England on the 18th, and substantial falls of snow further north; but the snow soon turned to rain. As the cold easterly winds were gradually replaced by a southerly airstream, temperatures became very much higher over most of England and Wales on the 19th and this milder weather extended to much of Scotland by the 20th. Periods of heavy rain accompanied the onset of the milder air, and this coupled with rapidly thawing snow, led to some flooding in the Midlands and Peak District on the 20th and 21st and in parts of northern England and Scotland on the 22nd and 23rd.

Meanwhile, southern England had become very mild with afternoon temperatures in many places reaching 13°C on the 20th, and this milder weather spread rapidly northwards and persisted in most areas until the end of the month. The 22nd, 24th and 25th were wet days with depressions or troughs crossing the country, but the 26th was showery with scattered thunderstorms and good sunny periods and this showery weather continued during the last two days of the month with the showers gradually becoming more scattered.

Pressure and Wind — Mean pressure was everywhere below the 1931-60 average the deficit at 9h ranging from 16.9 mb at Aberporth to 8.8 at Kirkwall. Surface winds were mainly between south and south-west until the 10th, and then mainly easterly until the 18th, after which they were generally southerly until the 21st and south-westerly from then until the end of the month. In Scotland gales occurred on 16 days being widespread on the 8th and during the last few days of the month. In England and Wales wind reached gale force on the 2nd, 4th, 5th, 7th-9th and 15th-27th (19 days) and gales were widespread on the 25th and 26th. A gust of 74 kt was recorded at Ronaldsway on the 26th.

Temperature — A feature of the month was the great variation in maximum day temperature. Except for south-west England it was about 5°C above average during the first week, about 5°C below average during the next ten days and about 5°C above average again during the last week. Exceptionally low temperatures were recorded in east Scotland on the 15th and 16th.

Extremes included: (England and Wales) 16.1°C at Wrexham on the 5th, -10.6°C at Kielder Castle and Moor House on the 15th; (Scotland) 12.8°C at Onich and Fort William on the 3rd and at Dunbar on the 5th, -20.0°C at Braemar on the 15th; (Northern Ireland) 12.8°C at several places on the 3rd, 4th, 5th and 25th, -6.1°C at Newry Abbey on the 1st.

Precipitation — In England and Wales rainfall was above average everywhere except locally in North Wales; it was more than twice the average over most of England east of the Pennines, over parts of the east and west Midlands and South Wales and counties bordering the English Channel. In Scotland rainfall was below average over Inverness-shire and north and west of the Great Glen; it was more than twice the average locally near the east coast in Fife, Angus and Aberdeenshire. In Northern Ireland it was more than 350 per cent of the average in parts of Co. Down.

Thunderstorms occurred daily from the 20th and were fairly frequent and widespread on the 26th and 27th in England and Wales and thunder was also heard on the 6th, 8th and 9th. In Scotland thunder was heard on two days only.

Snow was reported to be lying over a wide area in Scotland during the second and third weeks, in some places in the south-east to a depth of over a foot. In north-east England snow fell daily from the 8th to the 19th and lay a foot deep in places around the 14th, ground being snow-covered at a few places from the 9th until the 23rd. In parts of the Midlands snow lay 1-3 inches deep for a few days around the 11th, but in southern England snow did not lie.

Sunshine — Sunshine totals were generally very low. Places as far apart as Scotland, south-east England and Northern Ireland had less than half the average. Kilmarnock and Eskdalemuir had their dullest February since 1908 and 1910 respectively. In Scotland percentages ranged from 25 at Rothesay to 127 at Duntulm; in England and Wales they ranged from 30 at Lletty-even-hen (nr. Aberystwyth) to 90 at Alwen.

Fog — Fog was reported at 9h on 22 mornings, being most widespread during the third week in Scotland and on the 1st and 19th in England and Wales.

Miscellaneous Phenomena — The aurora was visible in Scotland on 4 nights.

TABLE I—DISTRICT VALUES, FEBRUARY 1966

DISTRICTS	AIR TEMPERATURE					EARTH TEMP.		RAIN DAYS	RAIN-FALL	SUN-SHINE
	*Highest Max.	*Lowest Min.	Max.	Min.	Mean	Mean 1 ft.	Mean 4 ft.			
	Difference from Average									
0 SCOTLAND, N.	12.8	-6.4	-0.7	-0.2	-0.4	-	-	-3	102	96
1 SCOTLAND, E.	11.7	-12.2	-1.0	-0.3	-0.6	-0.3	-0.4	+4	157	65
2 ENGLAND, N.E.	13.9	-6.1	+0.1	+0.9	+0.5	+0.7	-0.3	+6	224	56
3 ENGLAND, E.	13.9	-4.4	+1.5	+2.4	+1.9	+1.3	+0.1	+3	158	56
4 MIDLANDS	13.9	-6.1	+1.2	+2.4	+1.8	+1.2	+0.2	+5	206	60
5 ENGLAND, S.E.	13.9	-1.2	+2.0	+3.4	+2.7	+1.8	+0.2	+4	208	44
6 SCOTLAND, W.	12.1	-8.0	-0.6	+0.4	-0.1	0.0	-0.4	+1	139	43
7 ENGLAND, N.W. and N. Wales	14.3	-5.6	+0.9	+1.7	+1.3	+0.6	0.0	+3	144	71
8 ENGLAND, S.W. and S. Wales	13.9	-1.7	+1.4	+2.9	+2.2	+1.7	+0.1	+7	189	53
N. IRELAND	12.8	-1.7	0.0	+1.5	+0.7	-	-	+6	200	58
SCOTLAND	-	-	-0.8	0.0	-0.4	-	-	+1	125	68
ENG. and WALES	-	-	+1.2	+2.3	+1.7	-	-	+5	183	57

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

TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND—

FEBRUARY, 1966

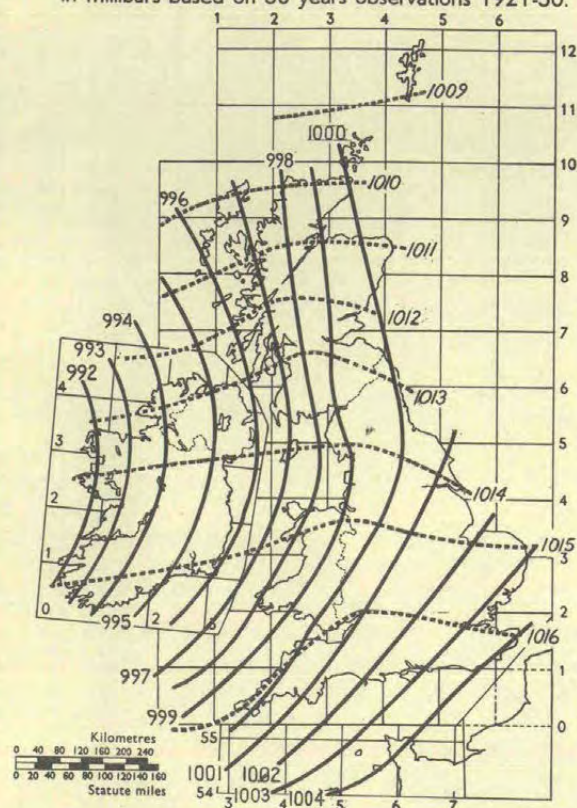
DISTRICT COUNTY AND PLACE			HEIGHT OF VANE IN FEET			DISTRIBUTION OF MEAN HOURLY VALUES OF WIND SPEED										Mean Hourly Wind Speed in knots	HIGHEST VELOCITIES							
			Above Mean Sea Level	Above ground	Effective Height	34 Knots or more (Gale force)		22 to 33 knots		11 to 21 knots		4 to 10 knots		Less than 4 knots			No Record		HIGHEST HOURLY WIND			HIGHEST GUST		
						Dates of Occurrence	Duration (hr)	No. of days	Duration in Hours				No Record				Veer from N	Speed in knots	Hour ended at day hour	Veer from N	Speed in knots	Day and Time		
0	Zetland	Lerwick	...	...	304	33	33	-	0	8	40	331	245	56	0	11.4	100	33	25	18	120	54	25	1810
	Orkney	Kirkwall	...	...	134	50	33	-	0	6	32	352	264	24	0	11.8	120	29	2	11	120	43	2	1030
	Caithness	Dounreay	...	...	110	39	30	2, 25	8	13	53	331	170	78	32	12.5	(120	40	2	09)	(120	54	2	0930)
	Sutherland	Shin	...	...	78	33	33	-	0	1	1	188	216	264	3	6.7	-	22	25	13	-	38	25	1305
	Ross &	Stornoway (C'Guard)	...	...	120	40	36	19, 25, 26	18	13	142	373	109	30	0	16.0	190	46	26	02	190	62	26	0015
	Cromarty	Duirinish	...	...	125	65	55	25, 26	7	8	57	290	301	17	0	12.6	170	40	26	01	170	64	26	0015
	Inverness	Benbecula	...	...	52	38	33	25	1	8	48	431	175	17	0	13.4	150	34	25	20	150	55	25	1925
		Fort Augustus	...	...	189	53	53	-	0	1	1	95	384	192	0	6.5	280	22	26	01	090	53	2	0710
		(N.S.H.E.B)	...	...																		
1	Moray	Kinloss	...	...	57	41	41	-	0	2	4	280	289	99	0	9.4	120	31	2	12	130	52	2	1105
		Lossiemouth	...	...	101	80	60	-	0	2	3	234	294	141	0	8.2	130	23	2	12	130	48	2	1125
	Aberdeen	Dyce	...	...	234	30	30	-	0	3	11	283	244	134	0	9.6	190	25	26	01	170	38	26	1315
	Angus	Bell Rock	...	...	128	131	124	-																
	Perth	Rannoch	...	...	1006	58	57	25	1	14	112	352	129	77	1	14.1	200	34	25	23	200	54	25	2250
		Tummel Bridge	...	...	528	53	53	-	0	0	0	84	321	267	0	5.2	100	18	25	11	220	38	26	0535
	Fife	Leuchars	...	...	78	40	40	-	0	12	113	316	177	66	0	14.1	230	30	27	22	220	45	27	0205
	Midlothian	Turnhouse	...	...	137	40	33	-	0	7	40	385	184	63	0	11.9	230	31	27	21	210	50	26	0435
		Edinburgh, Blackford Hill	...	...	496	50	34	25, 26	10	10	86	267	204	85	20	12.7	190	38	26	03	180	64	26	0045
6a	Argyll	Tiree	...	...	89	60	47	7, 19, 25-27	21	26	278	316	48	9	0	20.7	170	41	25	20	160	62	25	1850
	Bute	Millport	...	...	50	34	34	8, 19, 25	18	16	150	441	49	14	0	17.7	060	41	8	07	050	58	8	0605
	Dunbarton	Cumbernauld	...	...	543	33	33	-	0	10	67	363	148	22	72	14.0	210	31	27	16	210	49	27	1545
	Renfrew	Paisley	...	...	188	81	31	-																
		Abbotsinch	...	...				x	0	5	53	410	177	32	0	12.8	190	29	26	01	190	43	25	2200
	Lanark	Lowther Hill	...	...	2415	43	33	2, 4, 8, 9, 16, 25-28	56	25	281	280	55	0	0	21.9	100	43	8	16	230	60	27	1940
	Ayr	Hunterston	...	...	41	30	30	-	0	11	49	358	208	57	0	12.3	080	30	8	07	080	50	8	0610
		Prestwick	...	...	68	33	33	-	0	10	53	434	174	11	0	13.5	200	28	25	22	190	51	25	2035
	Dumfries	Chapelcross	...	...	310	50	50	-	0	6	32	485	138	17	0	13.0	200	28	25	24	200	46	25	2320
		Eskdalemuir	...	...	825	50	35	-	0	6	38	250	210	174	0	9.2	200	30	26	08	200	47	26	1500
	Wigtown	West Freugh	...	...	81	33	33	-	0	9	62	462	147	1	0	14.2	210	30	26	03	210	48	26	1310
6b	Isle of Man	Ronaldsway	...	...	119	64	39	5, 9, 15, 16, 18, 19, 23, 25, 26	41	25	310	271	46	4	0	22.0	240	41	23	10	210	74	26	1310
		Point of Ayre	...	...	64	33	33	-	0	14	171	391	106	4	0	17.0	200	32	25	20	200	48	25	1950
2	Durham	Durham	...	...	389	53	33	-	0	5	35	266	254	117	0	9.9	230	26	27	01	220	57	26	1630
		South Shields	...	...	73	57	44	-	0	5	69	315	224	64	0	11.9	110	32	8	05	110	43	8	0520
	Lincoln	Cranwell	...	...	288	47	47	-	0	8	54	392	201	23	2	13.2	240	32	23	13	210	52	26	1315
		Manby	...	...	85	33	33	-	0	6	30	397	200	45	0	12.0	240	26	23	13	250	42	24	1710
3	Norfolk	Gorleston	...	...	54	43	43	-	0	16	118	386	151	13	4	15.2	180	32	22	14	210	44	26	2005
	Suffolk	Mildenhall	...	...	98	83	60	-	0	5	21	294	306	51	0	10.5	210	25	26	14	210	52	26	1340
	Bedford	Bedford	...	...	322	42	30	-	0	7	40	381	240	11	0	12.4	210	26	26	14	200	50	26	1315
		Cardington	...	...	226	133	133	-	0	9	108	441	108	14	1	15.3	250	31	8	14	240	48	22	1350
	Hertford	Garston	...	...	307	50	33	-	0	0	0	127	500	45	0	7.7	260	18	22	18	270	40	22	1740
		Rothamsted	...	...	461	41	33	-	0	0	0	157	470	45	0	8.3	220	19	26	13	240	45	22	1420
	Essex	Stansted	...	...	351	31	31	-	0	4	15	414	222	21	0	12.3	210	26	26	13	210	42	26	1305
		Coryton	...	...	66	57	48	-	0	0	0	242	414	16	0	7.2	210	20	26	15	200	47	26	1430
		Shoeburyness	...	...	118	106	91	22, 25, 26	22	18	177	392	67	8	6	18.3	210	40	26	14	210	55	26	1155
4	Yorks, W.R.	Sheffield	...	...	533	83	35	-	0	0	0	24	209	418	21	3.4	240	18	23	14	240	55	23	1340
	Warwick	Edgbaston	...	...	643	118	73	-	0	1	1	322	345	4	0	11.0	220	22	26	16	240	42	26	1620
		Elmdon	...	...	343	31	31	-	0	5	13	269	375	15	0	10.6	210	24	26	11	220	44	26	1525
	Buckingham	Amersham	...	...	500	50	50	-	0	0	0	72	526	74	0	7.4	200	20	5	10	200	34	5	0915
	Stafford	Keele	...	...	706	50	33	-	0	1	1	278	353	40	0	9.6	200	22	27	06	230	50	5	1625
	Worcester	Pershore	...	...	154	33	33	-	0	10	47	372	226	27	0	12.6	230	32	26	15	230	50	26	1455
5	Greater	London W/Centre	...	...	306	229	125	-	0	6	35	484	146	7	0	13.7	190	28	22	10	190	49	26	1305
	London	Heathrow	...	...	115	33	33	-	0	4	22	377	258	15	0	11.8	190	25	22	10	230	45	26	1535
		Hampton	...	...	139	101	100	-	0	5	18	267	328	59	0	10.1	220	26	5	10	220	46		

MONTHLY WEATHER CHARTS

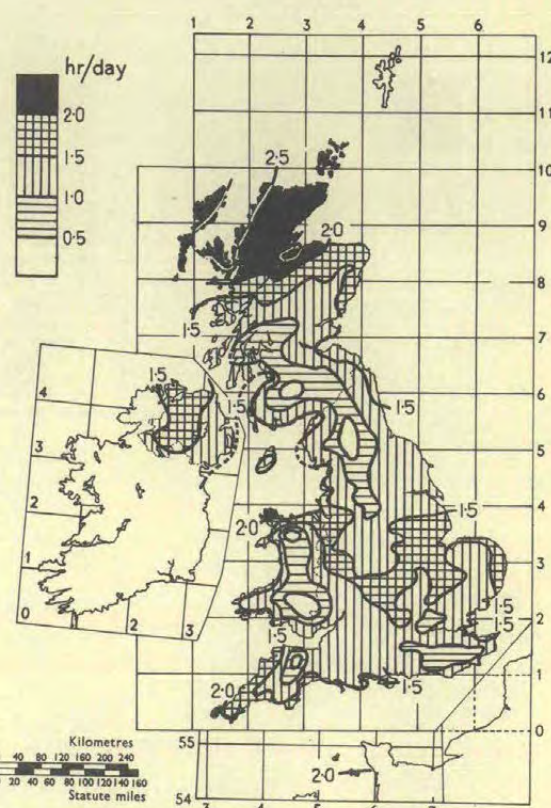
FEBRUARY 1966

MEAN PRESSURE AT 9 G.M.T.

The dotted lines show the normal distribution of pressure in millibars based on 30 years observations 1921-50.

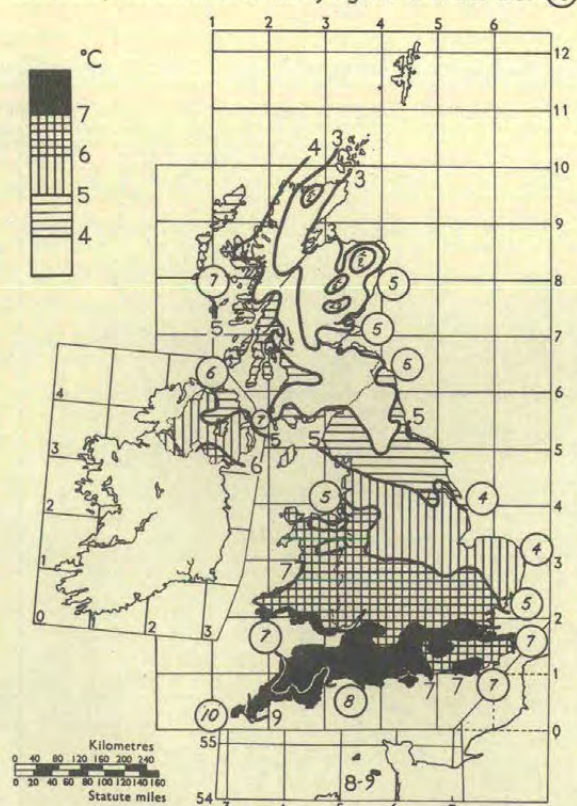


BRIGHT SUNSHINE

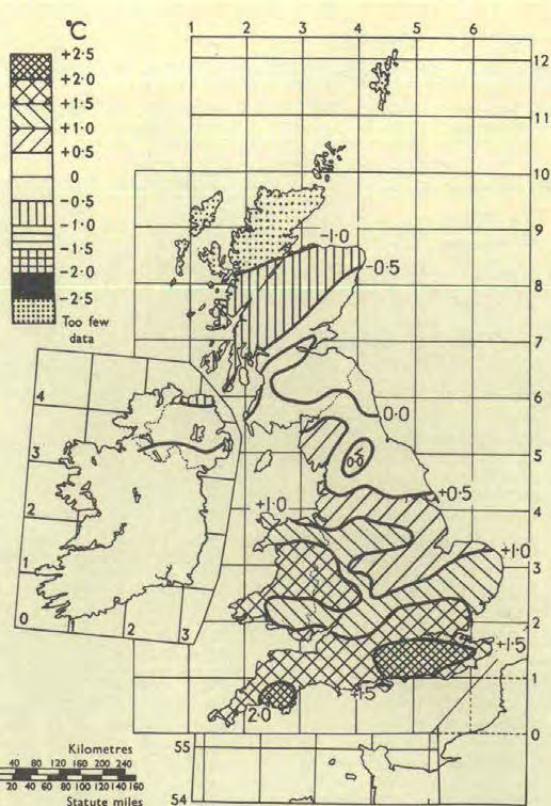


MEAN AIR TEMPERATURE

Reduced to sea level by a correction of 1°C. for 500 ft. Sea temperatures are shown by figures in circles thus (10)



ANOMALY OF MEAN 1 ft. EARTH TEMPERATURE



RAINFALL FEBRUARY 1966

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

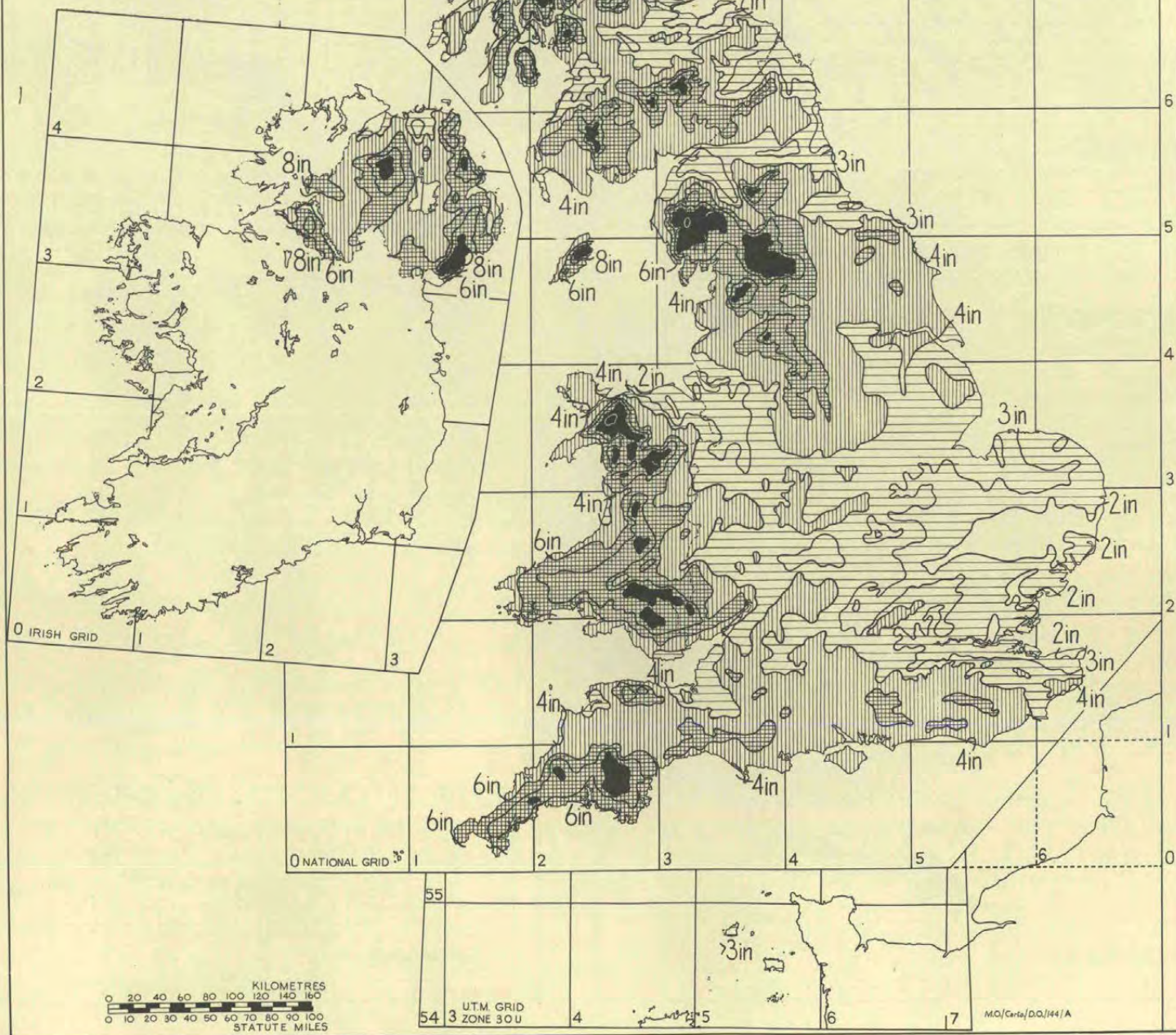
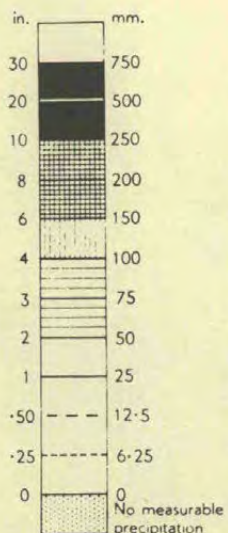


TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS FEBRUARY, 1966

DISTRICT, COUNTY AND PLACE		Terminal hr. GMT of Observation	Height of Station above MSL (feet)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days										BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
				MEANS OF		Mean Temperature (Mean of A & B)	Difference from Average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (inches)	Per cent of Average	Most in a Day Amount (inches)	Date	Precip'n		Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frosty	Grass min. below °C	Gale	Daily Mean (hr.)	Per cent of Average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS FEBRUARY, 1966

DISTRICT, COUNTY AND PLACE		Terminal hr. GMT of Observation	Height of Station above MSL (feet)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)			WEATHER Number of Days										BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
				MEANS OF		Mean Temperatures (Mean of A & B)	Difference from Average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (inches)	Per cent of Average	Amount (inches)	Most in a Day	Precip'n	Snow or Sleet	Snow lying at thr.	Hail	Ice Pellets etc.	Thunder heard	Fog at thr.	Air Frost†	Grass min. below °C	Gale	Daily Mean (hr.)	Per cent of Average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS FEBRUARY,

1966

DISTRICT, COUNTY AND PLACE		Max. Temp. by GMT Min.	Height of Station above MSL (feet)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)			WEATHER Number of Days												BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
				MEANS OF		Mean Temperatures (Mean of A & B)	Difference from Average B	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (inches)	Per cent of Average	Most in a day (inches)	Precip'n		Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost*	Grass min. below °C	Gale	Daily Mean (hr.)	Per cent of Average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

FEBRUARY,

1966

DISTRICT, COUNTY AND PLACE		Terminal hr. GMT of Observation	Height of Station above MSL (feet)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days										BRIGHT SUNSHINE							
				MEANS OF		Mean Temperatures (Mean of A & B)	Difference from Average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (inches)	Per cent of Average	Amount (inches)	Date	Precip'n (0.01 in (0.25mm) or more)	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost†	Grass min. below °C	Gale	Daily Mean (hr.)	Per cent of Average	Exposure			
				A Max.	B Min.			Maximum	Date	Minimum	Date	1 ft.	4 ft.																				
5	ENGLAND, S.E.—cont.																																
Surrey	Gatwick	21-9	192	8.9	4.3	6.6	+2.8	12.5	8	-1.9	3	-	-	4.85	-	.83	2	18	16	0	0	0	1	0	0	3	10	0	0.96	-	-		
	Witley	9	9	150	9.2	4.7	6.9	+2.8	13.3	8	-1.1	14	6.3	6.7	3.08	171	.60	9	19	15	3	0	0	0	0	1	6	2	1.05	47	-		
Kent	Micklemham	9	9	179	9.0	4.1	6.5	-	12.2	2,19,27	-1.1	3,18	-	-	4.65	201	.69	9	18	17	-	0	-	-	-	0	6	9	1	-	-		
	Swanley	9	9	177	-	-	-	-	-	-	-	-	-	-	2.35	-	-	-	18	14	-	-	-	-	-	-	-	-	-	-	-		
	Dartford	9	9	17	9.7	4.5	7.1	-	14.4	1	-0.5	18	-	-	2.21	148	.39	9	17	15	1	0	0	0	0	0	1	-	0	-	-		
	Gillingham	9	9	14	9.6	4.5	7.1	-	13.9	1	0.6	13,15,18	-	-	2.71	-	.61	9	13	12	0	0	0	0	0	1	0	-	0	-	-		
	Isle of Grain	9	9	9	9.7	5.2	7.5	-	13.3	1,2,8	0.6	14	-	-	2.71	-	.60	16	15	12	0	0	0	0	0	0	0	1	-	0	-		
	Dungeness	21-9	10	8.2	5.1	6.7	+2.4	10.6	5,26	0.4	14	-	-	-	3.60	217	1.01	9	16	14	1	0	0	0	0	0	0	-	0	-	-		
	Whitstable	9	9	9	9.5	4.9	7.2	-	13.9	1	0.0	18	-	-	2.17	162	.39	25	15	11	0	0	0	0	0	0	1	-	1	1.59	-		
	Folkestone	9	9	128	8.2	4.2	6.2	-	11.7	26	0.0	13,14	-	7.7	3.53	191	.79	9	17	13	0	0	0	0	0	0	1	2	3	0	1.13	-	
	Elmstone	9	9	28	9.1	-	-	-	13.3	1,26	-	-	-	-	2.65	-	.46	25	17	14	-	0	-	-	-	0	2	-	-	-	-		
	Herne Bay	9	9	21	9.4	5.1	7.3	-	13.3	5,26	1.1	13,14,18	-	-	2.06	142	.41	9	15	11	0	0	0	0	0	0	-	0	-	0	-		
	Dover	9	9	19	8.7	5.0	6.9	+2.4	11.7	26,28	1.1	13,14	6.7	6.9	3.85	187	.84	9	17	14	1	0	0	0	0	0	0	2	1	1.24	-	-	
	Deal	21-9	18	8.8	5.5	7.1	-	12.5	26	1.2	13,14	-	-	-	3.50	-	1.00	25	15	13	0	0	0	0	0	0	0	1	0	-	-	-	
	Manston	21-9	145	8.6	4.2	6.4	-	12.6	26	0.2	13,18	-	-	-	1.91	-	.40	9	14	12	2	0	1	0	0	1	0	3	3	-	-	-	
	Ramsgate	9	9	80	8.9	4.7	6.8	-	12.2	5,19,26	0.6	13,14	-	-	2.10	141	.42	9	13	12	1	0	0	0	0	1	0	-	2	1.45	54	-	
	Margate	9	9	51	8.9	5.1	7.0	+2.3	12.8	5	1.1	13,14	6.3	6.9	1.79	131	.35	9	13	11	0	0	0	0	0	1	0	1	0	1.45	54	-	
	West Malling	21-9	304	8.6	3.0	5.8	-	12.5	26	-1.6	17	-	-	-	3.65	-	.97	9	17	13	0	0	0	1	0	2	5	9	0	1.18	-	-	
	Goudhurst	9	9	280	8.7	3.9	6.3	-	12.8	1,26	-1.1	15,18	-	-	5.81	242	.99	25	17	14	0	0	0	0	0	0	4	7	0	-	-	-	
	East Malling	9	9	122	9.2	4.2	6.7	+2.9	12.8	1,8,26	-0.6	3,18	6.1	6.5	3.47	187	.90	9	16	12	1	0	0	0	0	1	2	7	0	1.07	46	-	
	Sittingbourne	9	9	224	9.1	4.1	6.6	-	14.4	2	-0.6	13,14	6.1	6.3	3.55	187	.68	9	14	12	0	0	0	0	0	0	2	5	2	1.18	-	-	
	Faversham	9	9	157	8.9	4.1	6.5	-	12.8	1,2	-0.6	13,14,18	6.4	6.4	3.30	-	.54	9	16	13	2	0	1	0	0	0	3	5	0	1.24	-	-	
	Wye	9	9	185	8.8	3.9	6.3	+2.5	12.2	2,26,27	-0.6	3	6.1	-	3.39	153	.67	9	16	12	1	0	0	0	0	0	2	4	6	0	0.81	32	-
	Thorney Island	21-9	10	9.0	5.2	7.1	+2.5	12.1	27	-2.0	14	-	-	-	4.05	199	.58	9	19	14	2	0	0	0	1	0	1	3	0	1.17	-	-	
	Bognor Regis	9	9	24	8.2	4.7	6.5	+2.0	11.1	2,8	-1.7	14	-	7.5	5.26	238	.74	9	20	15	0	0	0	0	0	0	2	5	1	1.25	43	-	
	Fernhurst	9	9	188	8.8	4.4	6.6	-	12.2	20	-1.7	14	6.6	-	5.68	212	.79	24	18	16	0	-	0	0	0	-	3	14	0	1.05	-	-	
	Littlehampton	9	9	15	8.4	4.9	6.7	+2.2	12.8	2	-0.6	14	-	7.2	4.37	209	.70	9	17	15	0	0	0	0	0	0	1	-	0	1.29	44	-	
	Rustington	9	9	10	8.6	4.7	6.7	-	12.2	2	-0.6	12,14	-	6.8	4.18	-	.60	9	16	15	-	0	-	-	-	-	2	4	-	1.01	-	-	
	Worthing	9	9	25	8.3	4.9	6.6	+2.1	11.1	27	0.0	14	6.8	7.2	4.58	229	.70	9	15	14	0	0	0	0	0	1	0	2	0	1.28	44	-	
	Brighton	9	9	32	8.4	5.2	6.8	-	11.7	2	0.0	14	-	7.4	4.58	239	.79	9	17	12	3	0	0	0	0	0	0	3	0	1.04	36	-	
	Plumpton	9	9	250	8.3	4.9	6.6	-	11.7	2	-0.6	14	-	-	7.74	-	1.19	5	18	15	-	0	-	-	-	0	1	3	-	-	-	-	
	East Grinstead	9	9	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	East Hoathly	21-9	130	8.7	5.1	6.9	-	12.1	20,26	0.0	14	-	-	-	5.41	-	1.29	9	17	13	0	0	0	1	0	0	0	3	0	1.00	-	-	
	Eastbourne	9	9	23	8.9	5.6	7.3	+2.7	11.7	5,8,26	0.6	13,14	7.2	8.0	4.16	191	.79	9	16	13	0	-	0	0	0	0	0	3	0	1.28	45	-	
	Eastbourne C'Guard	21-9	10	8.9	5.7	7.3	-	12.6	5	-0.2	13	-	-	-	4.08	187	.91	9	16	12	0	0	0	0	0	0	0	1	3	5	-	-	-
	Bexhill	9	9	14	8.5	5.3	6.9	+2.5	11.1	2,5,26	0.0	3	7.1	-	4.44	225	.92	9	15	14	0	0	0	0	0	0	0	1	4	0	1.15	41	-
	Bodiam	9	9	73	9.4	4.4	6.9	-	12.8	1,2,5	-1.1	3	6.6	6.7	5.62	240	1.02	9	17	13	0	0	0	0	0	0	1	7	0	0.78	-	-	
	Hastings	9	9	149	8.1	5.0	6.5	+2.1	11.1	26	0.0	13,14	6.7	7.2	4.02	201	.89	9	15	14	1	0	0	0	0	0	0	3	0	1.14	40	-	
	Letcombe Regis	9	9	350	8.7	3.7	6.2	-	12.8	6,27	-1.1	14	-	-	3.42	-	.53	9	19	14	3	-	0	0	0	0	1	-	0	-	-	-	
	Abingdon	21-9	228	8.6	4.5	6.5	+2.3	13.5	5	-0.6	14	-	-	-	2.60	152	.48	9	17	14	6	0	1	0	2	0	1	5	0	1.46	-	-	
	Compton	9	9	339	8.6	3.4	6.0	-	12.8	5	-1.1	14	6.4	-	3.28	-	.49	9	18	15	0	0	0	0	1	-	4	5	0	1.36	-	-	
	Wallingford	9	9	157	9.2	3.9	6.5	-	13.3	5,8,20	-0.6	14,15	6.2	6.6	2.66	-	.34	20	19	16	2	0	0	0	2	-	3	10	0	1.58	-	-	
	Shinfield	9	9	200	9.2	4.3	6.7	+2.7	12.8	5,8,19	-0.6	14	-	-	3.20	182	.60	9	18	16	-	0	-	-	-	-	1	1	7	-	1.07	-	
	Reading	9	9	148	9.2	4.6	6.9	+2.5	13.3	8,19	0.0	14	6.0	6.1	3.45	194	.53	9	19	16	1	0	0	0	2	1	0	10	0	1.17	-	-	
	Reading S.T.G.*	9	9	141	9.0	4.3	6.7	-	13.3	8	0.0	14	-	-	3.26	195	.56	9	17	16	-	0	-	-	-	-	0	1	7	-	1.13	-	
	Finchampstead	9	9	212	9.1	3.8	6.5	-	12.8	8,19	-1.1	14	6.2	6.4	3.71	-	.72	9	22	15	0	0	0	0	0	0	2	9	0	1.32	-	8	
	Hurley	9	9	140	8.9	3.8	6.3	-	12.8	5,8,20	-0.6	3,14	5.9	-	3.31	178</																	

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

1966

DISTRICT, COUNTY AND PLACE		Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (feet)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days												BRIGHT SUNSHINE				
					MEANS OF		Mean Temperatures (Mean of A & B)	Difference from Average	HIGHEST MAXIMUM AND LOWEST MINIMUM				1 ft.	4 ft.	Total fall (inches)	Per cent of Average	Most in a Day (Amount)	Precip'n (0.01mm or more)	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below °C	Gale	Daily Mean (hr.)	Per cent of Average	Exposure			
					A Max.	B Min.			Maximum	Date	Minimum	Date																					
7a ENGLAND, N.W.—cont.																																	
Lancashire		99	300	6.1	1.5	3.8	-	10.6	25	-4.4	15,18	4.1	-	10.47	-	2.45	4	22	19	8	5	0	0	0	1	12	-	0	-	-	-	-	
—cont.		21-9	80	8.1	4.0	6.1	+1.8	14.3	5	-1.8	14	-	-	2.50	123	.64	7	15	10	9	0	0	3	0	2	3	8	2	1.61	-	-	-	
Speke		99	78	7.3	2.4	4.9	-	12.2	5,20	-3.3	14	-	-	4.28	174	1.24	7	18	11	8	1	0	0	0	0	11	14	0	1.53	-	-	-	
Kirkham		99	68	7.8	2.9	5.3	-	12.2	20	-3.3	14	-	-	4.37	178	.92	7	18	13	-	1	-	-	-	0	6	10	-	1.36	-	-	-	
Garstang		99	24	7.3	2.7	5.0	+1.1	11.7	20	-2.8	15	-	-	5.60	220	1.10	7	16	13	3	0	1	0	0	0	8	-	0	1.72	70	-	-	
Morecambe		99	50	8.2	3.3	5.7	-	13.9	5	-2.2	14	5.1	5.9	3.00	-	.83	7	15	10	4	0	0	0	0	1	6	15	0	1.65	-	-	-	
Penketh		99	108	7.5	2.9	5.2	-	12.8	5	-3.3	14	-	-	4.70	176	1.29	7	16	10	6	0	0	3	0	1	8	10	0	-	-	-	-	
Preston		99	377	6.7	2.3	4.5	+1.2	12.2	5	-3.3	14	-	-	5.58	153	1.47	7	18	15	-	4	-	-	-	0	7	9	-	1.17	56	-	-	
Stonyhurst		99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.05	-	-	-		
Manchester W/Centre		99	854	5.6	1.4	3.5	-	11.7	5	-5.0	14	3.7	-	8.40	173	1.96	7	18	16	-	9	-	-	-	0	11	-	-	0.81	-	-	-	
Helmshore		99	655	5.9	1.7	3.8	-	12.8	5	-5.6	14	4.0	4.7	5.70	-	1.10	7	20	17	3	9	0	0	1	3	11	14	0	1.09	-	-	-	
Burnley		99	540	5.9	1.8	3.9	-	12.8	5	-4.4	14,15	3.7	4.9	5.57	154	1.18	7	17	15	-	9	-	-	-	1	12	16	-	0.87	-	-	-	
Nelson		99	362	7.2	2.3	4.7	-	12.8	5	-2.8	14	-	-	6.76	191	1.94	7	19	16	1	0	0	0	1	1	9	14	0	-	-	-	S	
Cheshire		99	25	8.3	3.3	5.8	-	13.9	5	-2.2	14	-	-	2.40	-	.60	7	19	13	-	-	-	-	-	3	8	-	-	1.94	-	-	-	
West Kirby Park		99	198	7.7	3.6	5.7	+1.5	13.9	5	-1.7	14	-	-	2.36	122	.86	7	17	10	-	-	-	-	-	2	5	7	-	1.96	84	-	-	
Bidston		99	180	8.3	2.7	5.5	-	15.0	5	-0.6	14,15	-	-	2.86	136	.79	18	16	12	6	0	0	0	0	1	2	6	2	-	-	-	-	
Ness Gardens		99	65	8.7	3.8	6.3	-	13.9	5	-1.2	15,18	4.6	7.1	3.13	135	.75	18	16	12	-	0	-	-	-	6	11	-	-	-	-	-	-	
Winnington		99	212	8.2	3.1	5.7	-	13.9	5	-1.6	15	-	-	3.95	167	.97	7	16	13	7	0	0	3	0	0	8	8	1	1.58	81	-	-	
Knutsford		99	248	7.9	3.7	5.8	+2.1	14.3	5	-1.6	15	-	-	3.48	127	.79	7	16	14	6	2	0	0	0	0	6	-	1	-	-	-	-	
Ringway		99	500	7.3	2.7	5.0	+1.9	15.6	26	-1.7	14,15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Macclesfield		99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
7b NORTH WALES																																	
Flint		99	31	8.6	3.9	6.3	+1.4	13.9	5	-1.1	14	-	-	2.36	128	.35	8	17	13	3	1	0	0	1	0	4	4	2	2.14	87	-	-	
Rhyl		99	12	8.7	3.8	6.3	-	14.4	5	-1.7	14	-	-	2.45	124	.45	7	18	13	2	0	0	0	0	0	4	-	1	1.66	72	-	-	
Prestatyn		99	17	8.6	3.3	5.9	+1.4	15.6	5	-0.6	14	-	-	2.16	109	.42	18	19	13	5	1	0	0	1	0	5	-	0	-	-	-	-	
Hawarden Bridge		99	33	8.4	4.7	6.5	+1.1	12.0	1	-1.6	14	-	-	4.30	188	.98	18	14	5	0	0	0	0	0	0	3	2	8	2.07	74	-	-	
Anglesey		99	118	8.6	3.9	6.3	+1.1	15.0	5	-2.2	14	5.4	-	1.85	85	.37	7	19	12	3	1	0	0	0	0	5	-	0	2.17	90	-	-	
Denbigh		99	1100	5.5	1.1	3.3	-	11.1	5	-3.9	15	-	-	5.51	137	.98	24	24	20	-	-	-	-	-	12	15	-	-	-	-	-	-	
Colwyn Bay		99	248	7.9	3.1	5.5	-	13.9	5	-1.1	14,15	-	-	2.34	-	.35	26	17	11	-	0	-	-	-	0	9	-	-	1.79	-	-	-	
Alwen		99	690	6.7	2.2	4.5	-	12.2	5	-2.4	15	4.1	5.2	2.82	-	.33	8,17	18	14	8	8	1	6	0	4	11	13	0	-	-	-	-	
Ruthin		99	1267	4.9	1.1	3.0	-	11.1	5	-4.4	16	3.7	-	3.76	115	.45	7	23	17	3	11	0	0	0	5	11	11	0	-	-	-	-	
Loggerheads		99	275	8.4	2.9	5.7	-	16.1	5	-1.1	11,14	4.6	5.2	3.50	149	.65	18	16	4	2	0	0	0	0	5	6	-	0	-	-	-	-	
Wrexham		99	61	7.8	5.4	6.6	-	10.3	5	0.7	14	-	-	4.24	-	.79	7	20	18	-	0	-	-	-	0	0	4	-	-	-	-	-	
Caernarvon		99	112	8.1	4.2	6.1	-	11.1	1,5,24	0.0	13,14	6.2	6.8	4.94	-	.83	7	22	17	3	0	0	1	0	0	6	2	1.74	-	-	-	-	
Bardsey Island		99	275	8.8	4.0	6.4	-	15.0	1	-1.1	12,14,15	-	-	3.77	110	.77	7	20	15	1	0	0	1	0	0	3	8	2	2.10	-	-	-	-
Botwnnog		99	324	7.4	3.7	5.5	-	12.2	1	-1.1	14,15	5.7	-	14.05	127	2.83	4	26	22	-	-	-	-	-	0	5	8	-	-	-	-	-	
Bryn Adda		99	60	9.6	4.7	7.1	+1.7	13.9	24	-1.7	14	-	-	4.06	130	.76	7	19	15	1	0	1	0	1	0	1	8	3	1.65	82	S	-	
Cwm Dyli		99	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Aber		99	750	7.2	3.3	5.3	-	12.2	25	-1.7	15	-	-	7.39	89	1.75	7	20	19	-	1	-	-	-	3	7	-	-	0.29	-	S	-	
Merioneth		99	473	7.8	2.8	5.3	-	13.3	5	-1.7	14	-	-	4.30	120	.75	24	20	18	7	0	0	0	0	-	12	12	0	-	-	S	-	
Blaenau Ffestiniog		99	200	7.8	3.6	5.7	-	12.2	5,20,25	-1.1	14,15	-	-	7.79	-	1.73	7	24	19	-	-	-	-	-	0	2	8	-	-	-	-	-	
Corwen		99	995	5.4	1.8	3.6	-	11.1	5	-3.3	14	4.1	-	10.32	172	1.89	7	26	23	6	11	1	2	0	3	11	25	0	-	-	-	-	
Montgomery		99	278	8.2	4.7	6.5	+1.7	12.0	5	-1.1	13	-	-	4.74	152	.61	24	21	18	4	0	4	1	2	0	2	5	3	1.62	-	-	-	
8a SOUTH WALES		99	12	9.1	3.3	6.2	+1.3	12.8	25	-1.1	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Cardigan		99	452	7.8	3.6	5.7	+1.4	11.7	1,20,25	-1.1	15	-	-	4.44	153	.74	7	25	20	2	2	0	1	0	0	7	8	3	-	-	-	-	
Aberporth		99	103	9.1	4.5	6.8	-	13.9	5	-0.6	14	-	-	3.50	114	.74	7	23	19	0	0	0	0	0	0	1	6	0	1.43	-	-	-	-
Aberystwyth		99	540	7.6	3.4	5.5	-	11.7	5,24	-1.1	14,15	-	-	4.62	116	.77	7	22	20	-	0	-	-</										

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS FEBRUARY, 1966

DISTRICT, COUNTY AND PLACE		Terminal hr. GMT of Observation	Height of Station above MSL (feet)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)			WEATHER Number of Days										BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
				MEANS OF		Mean Temperatures (Mean of A & B)	Difference from Average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (inches)	Per cent of Average	Most in a day (inches)	Precip'n (inches)	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below °C	Gale	Daily Mean (hr.)	Per cent of Average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
				A Max.	B Min.			Maximum	Date	Minimum	Date																			1 ft.	4 ft.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							

TABLE IV

—SUMMARY OF OBSERVATIONS AT FIXED HOURS FEBRUARY,

1966

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (ft.)		Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Okta)					VISIBILITY (Yards and Miles)										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	0-44 yds.	45-210 yds.	220-430 yds.	440-1,000 yds.	1,100-2,190 yds.	2,200-4,390 yds.	3-6 mi.	7-12 mi.	13-24 mi.	25 or over mi.	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																																							
0 SCOTLAND, N.																																							
Zetland Lerwick	273 ft.	3	1001.4	-	1.5	0.4	6.4	91	6.0	1	4	4	6	13	0	0	0	0	0	1	8	5	8	6	0	1	14	11	2	5	4	1	7	4	2	1			
		9	1002.1	-6.7	1.7	0.6	6.3	88	5.6	0	6	4	8	9	1	0	0	1	0	2	4	7	6	8	0	1	15	11	1	7	4	3	5	3	0				
		15	1001.7	-	2.7	0.9	6.4	88	6.4	0	1	5	13	8	1	0	0	0	1	1	2	7	6	10	0	2	13	12	1	3	6	3	6	5	2	0			
		21	1001.1	-	1.6	0.5	6.3	89	5.3	1	8	2	4	11	2	0	0	0	0	1	7	5	8	8	0	2	10	14	2	3	6	2	2	1	3	0			
		9	1000.6	-	2.8	0.9	6.5	84	5.5	1	3	7	11	6	0	0	0	0	0	1	1	2	3	15	6	0	1	12	15	0	2	3	8	5	6	2	0		
		15	1000.9	-8.8	2.8	0.8	6.6	85	6.1	0	5	1	13	9	0	0	0	0	0	0	7	2	9	10	0	3	11	14	0	2	4	9	7	3	0	1			
Orkney Kirkwall	86 ft.	3	999.8	-	3.9	1.0	6.8	82	6.0	0	4	6	8	10	0	0	0	0	2	0	4	5	7	10	0	4	13	10	1	1	4	10	7	3	0	0			
		9	1000.2	-	2.7	0.8	6.5	84	5.5	0	7	5	7	9	0	0	0	0	2	0	2	7	11	6	0	1	16	11	0	1	3	8	7	4	1	2			
		15	1000.2	-	3.0	1.1	6.3	80	5.6	0	5	6	7	8	2	0	0	1	1	0	0	1	7	12	6	0	1	20	7	0	1	2	7	7	5	0	1		
		21	1000.3	-9.8	3.2	1.1	6.3	80	6.4	0	4	3	12	9	0	0	0	0	0	1	6	10	7	0	0	3	16	9	0	2	2	9	9	3	0	0			
		9	999.2	-	4.1	1.2	6.7	80	6.2	0	4	3	12	9	0	0	0	0	0	0	4	6	1	10	7	0	3	10	10	0	3	2	9	5	0	1	3		
		15	999.8	-	1.0	-	6.5	-	-	-	0	8	4	9	5	2	0	1	0	1	0	0	4	3	14	5	0	3	17	8	0	1	3	9	5	1	3	1	
Caithness Wick	121 ft.	3	998.5	-	3.0	0.9	6.5	84	5.1	0	5	11	4	7	1	0	0	1	0	0	1	2	3	21	0	7	13	8	0	0	2	15	3	2	5	1	0		
		9	998.1	-	3.6	1.1	6.6	81	6.4	0	2	4	13	8	1	0	0	1	0	0	0	3	5	19	1	5	14	8	0	0	1	16	5	4	1	1	0		
		15	997.6	-	4.0	0.9	7.0	84	5.9	0	3	8	10	6	1	0	0	1	0	1	0	1	2	3	20	0	8	10	10	0	0	1	20	2	0	3	2	0	
		21	997.9	-	3.2	1.0	6.5	84	5.1	0	6	8	8	5	1	0	0	0	0	1	0	0	3	5	19	1	7	10	10	0	0	1	17	3	2	3	2	0	
		9	998.5	-	3.5	0.9	6.9	89	5.3	0	5	7	3	8	0	0	0	0	0	0	1	6	14	7	1	4	14	7	2	0	0	11	5	5	3	1	1		
		15	998.1	-11.9	4.0	1.1	6.9	82	5.2	0	4	3	13	8	0	0	0	0	0	0	0	3	6	9	10	0	4	16	7	1	0	0	13	8	4	0	1	1	
Sutherland Cape Wrath*	371 ft.	3	997.5	-	5.1	1.3	7.2	79	5.6	0	5	4	13	6	0	0	0	0	0	0	1	4	6	5	12	0	3	17	8	0	0	0	14	6	5	0	1	2	
		9	998.5	-	3.7	1.0	6.8	83	4.4	0	5	4	8	6	0	0	0	0	0	0	0	4	5	9	10	0	2	16	10	0	2	1	12	5	4	2	2	0	
		15	996.9	-	3.7	0.9	6.9	83	5.3	0	5	2	8	10	0	0	0	0	0	1	0	2	7	10	8	0	1	17	9	1	0	0	12	6	5	2	0	1	
		21	996.1	-14.3	4.0	1.0	7.0	82	5.7	0	6	2	13	7	0	0	0	0	0	0	0	4	6	7	11	0	3	19	6	0	0	0	15	6	4	2	0	1	
		9	995.7	-	5.4	1.5	7.1	77	5.8	0	4	5	13	6	0	0	0	0	0	0	0	5	8	6	9	0	1	20	7	0	0	0	21	4	6	2	3	0	
		15	996.9	-	4.1	1.0	7.0	82	4.8	0	3	8	1	7	9	0	0	0	0	0	0	5	6	8	9	0	1	17	9	1	0	0	12	4	7	2	1	1	
1 SCOTLAND, E.																																							
Moray Kinloss	19 ft.	3	1000.3	-	1.4	0.8	6.0	86	5.8	2	3	5	7	11	0	0	0	1	0	0	2	1	7	10	7	0	0	9	18	1	0	1	12	3	4	6	1	0	
		9	1000.1	-10.7	2.1	0.9	6.2	84	6.4	0	3	2	17	6	0	0	0	0	0	1	0	4	5	12	6	0	0	12	16	0	0	2	11	1	3	8	3	0	
		15	998.9	-	4.6	1.5	6.7	77	5.5	0	5	6	11	5	1	0	0	0	0	0	1	1	1	5	12	8	0	0	14	14	0	4	2	9	4	4	2	2	1
		21	999.9	-	1.7	0.8	6.1	86	4.6	2	5	8	7	6	0	0	0	0	0	1	0	1	3	6	11	6	0	0	13	14	1	0	1	13	1	4	7	1	0
		9	1000.7	-	1.4	0.9	5.9	84	6.0	1	6	0	11	8	2	0	1	1	0	0	1	8	10	2	5	0	0	8	15	5	3	0	6	4	4	3	2	1	
		15	1000.5	-11.1	1.8	0.9	6.1	83	6.0	0	3	0	13	10	2	0	2	0	1	1	4	12	4	2	2	0	1	13	10	4	2	0	5	6	5	0	4	2	
Aberdeen Dyce	193 ft.	3	999.1	-	3.8	1.0	6.9	83	6.3	0	0	7	11	9	1	0	0	1	0	2	4	12	6	2	1	0	0	17	6	5	1	0	8	1	7	1	3	2	
		9	1001.1	-	1.6	0.6	6.2	88	5.3	2	4	4	11	6	1	0	0	0	1	1	7	8	7	1	3	0	0	13	10	5	1	3	4	1	8	2	4	0	
		15	1000.1	-	2.6	1.1	6.1	82	6.0	0	3	5	13	5	2	0	1	0	1	0	0	2	24	0	0	0	3	18	7	0	2	0	11	1	8	2	4	0	
		21	1000.9	-9.9	3.0	1.1	6.3	82	5.0	0	3	7	10	6	2	0	2	0	0	0	1	5	16	4	0	0	7	12	9	0	3	0	10	2	8	1	4	0	
		9	999.9	-	4.2	1.0	7.0	84	6.0	0	2	8	9	6	3	0	1	0	2	0	0	5	19	1	0	0	8	9	10	1	2	1	10	3	6	0	5	0	
		15	1000.4	-	2.8	0.8	6.5	85	5.0	1	6	6	11	3	1	0	0	1	0	0	2	3	22	0	0	0	3	16	9	0	0	1	11	2	8	2	4	0	
Angus Usan	114 ft.	3	999.9	-	2.8	0.4	7.1	93	5.6	1	7	1	7	11	1	0	0	0	1	1	0	0	1	4	15	6	0	5	8	14	1	1	1	6	5	1	5	5	3
		9	999.8	-	2.7	0.4	7.1	93	6.8	0	3	1	11	12	1	0	0	1	0	0	2	5	4	9	6	0	2	15	11	0	1	2	7	5	3	2	3	5	
		15	998.4	-	4.0	0.5	7.5	90	6.8	0	1	4	11	10	2	0	1	0	0	1	3	6	5	7	5	0	2	15	10	1	1	4	8	2	5	2	3	2	
		21	999.6	-	3.2	0.5	7.1	90	4.5	5	7	3	2	11	0	0	0	0	0	0	1	1	2	18	6	0	2	14	12	0	3	0	7	4	1	4	7	2	
		9	1000.1	-	2.3	0.6	6.5	88	6.3	1	2	4	8	12	1	0	0	0	1	0	1	11	10	5	0	0	5	9	9	5	0	6	7	1	1	6	2	0	
		15	999.5	-12.7	2.3	0.6	6.6	88	6.9	0	2	1	12	13	0	0	0	0	1	2	3	9	6	5	2	0	6	12	6	4	2	3	8	3	2	3	3	0	
Fife Leuchars	38 ft.	3	998.2	-	4.6	1.0	7.3	85	6.5	0	2	4	15	7	0	0	0	1	0	1	1	6	8	10	1	0	4	17	6	1	2	4	10	1	4	4	1	1	
		9	999.5	-	3.0	0.7	6.8	88	5.5	1	5	4	8	10	0	0	0	0	1	1	3	8	7	7	1	0	5	14	7	2	3	2	8	2	0	8	3	0	
		15	1000.3	-	2.8	0.9	6.5	83	6.1	2	1	5	7	13	0	0	0	0	0	3	4	5	13	3	0	0	3	16	5	4									

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS FEBRUARY 1966

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (ft.)	Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Yards and Miles)						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	0-44 yds.	45-210 yds.	220-430 yds.	440-1,000 yds.	1,100-2,100 yds.	2,200-4,300 yds.	3-6 mi.	7-12 mi.	13-24 mi.	25 or over mi.	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													
2 ENGLAND, N.E.		3	1000.8	-	2.8	0.7	6.7	87	6.7	1	2	2	4	18	1	0	0	0	2	2	3	2	11	6	2	0	4	12	6	6	0	1	9	1	3	3	5	0
Northumberland Acklington	9	1000.1	-12.6	2.7	0.6	6.9	91	7.0	0	0	4	10	13	1	0	2	0	0	2	9	6	3	5	1	1	3	14	8	2	0	2	10	4	4	3	3	0	
	15	998.9	-	4.7	1.0	7.3	84	6.7	0	1	3	12	11	1	0	1	0	0	4	9	0	6	4	0	6	10	12	0	1	2	9	2	6	6	2	0		
	21	1000.5	-	3.4	0.8	6.9	87	5.5	2	5	3	5	12	1	0	1	0	0	0	6	3	9	9	0	1	4	11	8	4	0	1	8	2	1	8	4	0	
Tynemouth	3	1001.7	-	4.1	0.9	7.0	85	6.4	2	2	3	3	18	0	0	0	0	0	0	4	6	14	4	0	1	4	14	8	4	0	0	0	8	5	5	2	7	0
	9	1000.7	-12.5	3.9	0.8	6.4	87	7.1	0	1	3	7	17	0	0	0	0	0	7	3	8	5	5	0	6	15	6	1	0	1	10	3	8	2	3	0		
	15	999.8	-	5.4	1.1	7.6	82	6.8	0	1	6	6	15	0	0	0	1	1	3	11	1	3	0	0	6	17	4	1	0	1	9	1	7	4	5	0		
Seahouses	21	1001.1	-	4.6	1.0	7.2	84	4.9	4	4	7	4	8	1	0	1	0	1	1	2	7	12	4	0	0	3	17	8	0	0	0	8	5	5	4	6	0	
	3	-	-	-	-	-	-	6.6	0	4	2	5	16	1	0	0	0	2	1	2	4	14	5	0	5	11	12	0	0	2	3	3	5	5	9	1		
	9	1000.2	-	3.5	0.8	6.7	84	6.5	0	1	6	5	15	1	0	0	0	1	4	3	6	6	7	1	0	1	13	11	3	0	0	11	8	4	1	1	0	
41 ft.	15	999.0	-	5.3	1.4	7.1	75	6.4	0	2	4	12	10	0	0	0	0	0	2	5	8	6	5	2	0	1	14	13	0	0	2	9	4	6	3	1		
	21	1000.8	-	4.3	1.1	6.9	83	5.0	1	7	6	4	9	1	0	0	0	0	0	2	5	9	12	0	0	3	10	14	1	0	1	7	5	2	6	6	0	
	3	1001.3	-	3.6	0.8	7.0	86	6.2	1	4	3	2	18	0	0	0	0	1	3	3	7	6	6	2	0	1	6	16	5	0	2	4	6	3	2	5	1	
Yorks, N. Riding Leeming	9	1000.4	-	3.8	0.7	7.3	88	7.1	0	1	3	8	16	0	0	0	0	0	3	9	3	3	1	0	0	10	15	3	1	1	7	2	8	2	3	1		
	15	999.3	-	6.0	1.4	7.6	80	6.5	0	2	4	10	11	1	0	1	0	1	0	3	7	8	7	1	0	1	13	12	2	0	5	2	3	7	4	1		
	21	1001.3	-	4.2	1.0	7.1	84	5.7	0	6	4	7	10	1	0	1	0	1	1	2	6	5	11	1	0	0	8	17	3	2	3	2	3	5	2	7	1	
Whitby Coastguard 210 ft.	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	9	1000.2	-	3.9	0.7	7.3	87	6.4	0	3	3	9	13	0	0	0	0	0	1	2	11	10	4	0	0	8	11	9	0	0	2	8	5	7	5	1	0	
	15	999.4	-	5.5	1.7	8.0	85	6.7	0	1	6	7	14	0	0	0	0	0	1	3	11	9	3	1	0	3	18	7	0	0	4	6	4	6	5	3	0	
Yorks., E. Riding Leconfield	21	1000.9	-	4.8	1.1	7.3	83	4.8	3	6	4	4	11	0	0	0	0	0	1	1	7	16	3	0	0	7	13	8	0	0	0	11	2	6	7	2	0	
	3	1002.1	-	3.9	0.8	7.2	88	6.8	2	0	2	6	17	1	0	1	0	0	1	6	7	4	5	4	0	0	15	11	2	1	2	7	5	2	6	2	1	
	9	1001.5	-12.4	4.2	0.4	7.6	89	7.4	0	0	3	7	16	2	0	1	1	0	2	6	6	9	2	1	0	1	15	11	1	0	2	7	5	7	4	1	1	
28 ft.	15	1000.2	-	6.3	1.2	8.1	82	6.9	0	3	1	8	16	0	0	0	0	1	1	2	12	6	3	3	0	2	14	12	0	0	4	6	3	5	7	3	0	
	21	1002.0	-	4.5	0.9	7.4	86	5.7	0	4	7	8	9	0	0	0	1	0	2	8	8	5	2	0	1	16	10	1	0	4	6	1	3	7	5	1		
	3	1002.1	-	4.0	0.7	7.3	89	5.9	6	0	2	1	19	0	1	0	0	0	1	1	5	20	0	0	1	7	16	3	1	0	1	5	5	6	6	4	0	
Kilnsea	9	1001.3	-12.7	4.0	0.5	7.5	91	7.2	0	0	4	6	16	2	0	2	0	1	0	1	8	16	0	0	0	8	12	7	1	1	1	4	4	10	5	2	0	
	15	1000.0	-	5.7	0.8	8.2	87	7.0	0	0	6	8	13	1	0	1	0	0	0	2	8	17	0	0	0	9	12	6	1	0	2	6	3	6	4	6	0	
	21	1001.8	-	4.7	0.8	7.5	87	5.9	3	1	6	5	12	1	1	0	0	0	0	0	8	19	0	0	1	13	10	3	1	0	1	7	3	4	4	8	0	
Lincoln Waddington	3	1002.4	-	3.7	0.6	7.4	90	5.9	3	5	0	1	19	0	0	0	0	0	2	3	12	7	4	0	0	0	18	10	0	2	4	6	5	4	7	0	0	
	9	1001.6	-13.3	4.6	0.7	7.9	90	7.2	0	1	1	8	17	1	0	1	2	0	1	3	7	9	4	1	0	1	17	10	0	2	4	4	6	5	7	0	0	
	15	1000.6	-	6.8	1.3	8.3	82	6.5	0	2	4	10	12	0	0	0	1	2	2	6	11	6	0	0	0	2	18	8	0	2	4	5	1	4	8	3	1	
227 ft.	21	1002.4	-	4.3	0.7	7.5	88	5.4	2	4	7	3	10	2	0	1	0	0	1	14	6	5	0	0	0	0	17	11	0	0	2	5	1	5	6	4	0	
	3	1002.1	-	3.4	0.6	7.1	89	6.2	3	1	3	4	17	0	0	0	1	0	5	9	6	6	1	0	1	20	5	2	1	3	5	3	3	10	1	0		
	9	1001.4	-	4.1	0.6	7.5	88	7.4	0	0	2	9	16	1	0	1	0	2	1	13	7	3	0	0	3	16	9	0	0	3	5	5	8	6	0	1		
356 ft.	15	1000.2	-	6.0	1.2	8.0	83	6.8	0	1	4	11	12	0	0	0	0	1	1	13	8	4	1	0	4	15	9	0	1	4	5	0	9	6	3	0		
	21	1002.2	-	4.0	0.8	7.2	87	5.9	1	3	7	5	11	1	0	0	1	0	0	3	11	11	2	0	0	2	18	6	2	0	4	5	2	5	7	3	0	
	3	1002.3	-	4.0	0.7	7.4	89	5.8	5	1	2	5	15	0	0	0	0	0	1	2	16	5	4	0	0	0	17	8	3	1	2	6	2	4	8	2	0	
47 ft.	9	1001.7	-12.7	4.6	0.6	7.9	89	6.9	0	3	1	6	16	2	0	1	0	2	0	12	9	2	0	0	3	12	12	1	0	2	6	3	7	6	2	1		
	15	1000.4	-	6.9	1.2	8.6	84	6.8	0	1	3	12	11	1	0	1	0	0	0	13	8	5	1	0	3	14	11	0	0	2	6	2	5	7	5	1		
	21	1002.3	-	4.5	0.8	7.5	87	5.5	2	4	4	7	10	1	0	1	0	0	2	14	6	4	1	0	2	18	6	2	0	3	5	4	2	5	6	1		
3 ENGLAND, E.		3	1003.0	-	4.4	0.6	7.7	90	6.1	4	1	2	4	17	0	0	0	0	0	2	14	9	0	1	0	0	18	10	0	3	5	3	5	7	5	0	0	
Norfolk Marham	9	1002.9	-12.4	5.1	0.7	8.1	88	6.8	1	1	2	9	15	0	0	1	0	1	1	1	9	14	1	0	0	1	16	11	0	2	2	5	6	8	3	1	0	
	15	1001.4	-	7.2	1.2	8.7	82	7.0	0	1	1	15	11	0	0	0	0	0	0	2	15	7	4	0	0</													

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

FEBRUARY,

1966

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (ft.)		Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Yards and Miles)						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	0-44 yds.	45-210 yds.	220-430 yds.	440-1,000 yds.	1,100-2,100 yds.	2,200-4,300 yds.	3-6 mi.	7-12 mi.	13-24 mi.	25 or over mi.	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
																										SPEED IN KNOTS												
																										8 or more	9-10	11-12	13-14	15-16								
Number of Observations																																						
4 MIDLAND COUNTIES—cont.																																						
Finningley 46 ft.	3	1002.3	-	4.1	0.7	7.4	88	6.1	5	1	2	18	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	9	1001.2	-11.1	4.7	0.6	7.9	89	7.3	0	0	3	8	16	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	15	1000.2	-	7.1	1.6	8.1	78	6.9	0	0	5	10	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Northampton Wittering 219 ft.	3	1002.5	-	4.8	1.0	7.4	85	5.1	2	4	7	4	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	9	1001.9	-13.3	5.0	0.6	8.1	90	7.3	0	1	2	4	20	1	0	1	1	2	1	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
	15	1001.0	-	7.4	1.5	8.5	80	6.8	0	1	2	14	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Warwick Edgbaston 542 ft.	3	1002.7	-	4.8	0.7	7.8	88	5.9	4	2	2	5	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	9	1001.0	-14.4	4.8	0.5	8.1	91	7.3	0	1	1	9	15	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	15	1000.5	-	6.8	1.4	8.1	81	6.7	0	0	6	10	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Elmdon 362 ft.	3	1002.4	-	4.8	0.7	7.8	88	6.2	1	2	5	6	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	9	1001.7	-	4.8	0.8	7.7	87	6.9	0	3	1	5	17	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	15	1000.9	-	5.2	0.8	8.0	88	7.4	0	1	0	9	16	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Shropshire Shawbury 249 ft.	3	1000.3	-	7.1	1.7	7.9	76	7.0	0	0	4	13	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	9	1002.3	-	5.0	1.0	7.6	85	5.7	2	4	2	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	15	1000.9	-	4.7	0.7	7.7	88	6.9	0	2	3	3	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Worcester Persnore 117 ft.	3	1000.0	-	5.3	0.8	8.1	87	7.2	0	1	1	11	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	9	999.7	-	7.1	1.7	8.0	78	6.8	0	1	4	12	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	15	1001.6	-	5.0	0.9	7.6	85	6.1	1	3	5	6	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Hereford Ross-on-Wye 226 ft.	3	1001.6	-	6.5	1.7	8.3	90	6.5	3	1	2	2	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	9	1000.9	-	6.1	0.8	8.7	89	7.3	0	1	1	10	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	15	1000.6	-	7.8	1.4	8.8	80	6.5	0	1	6	10	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Gloucester Filton 197 ft.	3	998.9	-	5.5	0.8	8.2	88	6.2	2	3	1	11	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	9	1000.2	-15.4	6.0	0.8	8.4	87	7.3	0	1	1	7	18	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	15	1000.2	-	7.6	1.6	8.3	78	6.9	0	0	6	8	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Little Rissington 751 ft.	3	1001.9	-	5.9	1.0	8.1	84	6.5	1	2	4	3	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	9	1001.6	-15.1	6.2	0.6	8.9	90	6.5	2	0	5	4	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	15	1001.0	-	6.5	0.7	8.9	90	7.3	0	1	0	10	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Gloucester 79 ft.	3	1001.1	-	7.9	1.2	9.2	84	7.1	0	0	3	11	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	9	1002.5	-	6.1	0.7	8.5	88	6.7	1	1	3	6	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	15	1001.8	-	6.5	0.9	8.6	86	6.7	0	4	1	4	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Little Rissington 751 ft.	3	1001.1	-	6.8	1.1	8.6	84	7.1	0	1	3	8	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	9	1001.1	-	8.4	1.7	8.7	77	6.9	0	1	4	10	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	15	1002.7	-	6.4	1.1	8.3	83	6.3	1	3	4	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Gloucester 79 ft.	3	1001.9	-	4.3	0.3	8.1	95	6.8	1	1	3	3	15	5	0	3	2	5	2	6	3	1	0	2	15	9	2	1	3	4	3	8	4	0	0			
	9	1001.4	-14.2	4.7	0.4	8.3	94	7.3	0	2	0	7	15	4	0	2	1	2	1	3	8	5	6	0	4	16	5	3	1	2	5	1	7	8	1			
	15	1000.8	-	6.1	0.9	8.3	86	7.1	0	0	2	12	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
5 ENGLAND, S.E.	3	1002.8	-	4.1	0.4	7.8	93	6.0	2	2	4	6	12	2	0	2	0	1	2	1	7	8	5	2	0	2	15	10	1	0	4	5	2	4	6	5		
	9	1002.8	-	5.9	0.6	8.6	89	6.1	3	2	2	4	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	15	1002.5	-	6.5	0.8	8.8	88	7.3	0	1	1	8	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Greater London Heathrow 86 ft.	3	1001.7	-	8.5	1.6	8.9	78	7.2	0	0	3	11	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	9	1003.3	-13.2	6.3	0.9	8.5	86	6.7	1	1	3	7	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	15	1002.8	-	7.1	1.2	8.6	83	7.1	0	1	2	10	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Kew 34 ft.	3	1002.0	-	8.9	2.0	8.6	74	7.3	0	0	2	10	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	9	1003.6	-	6.9	1.2	8.3	81	6.9	0	2	2	8	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS FEBRUARY, 1966

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (ft.)	Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Yards and Miles)								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	0-44 yds.	45-210 yds.	220-430 yds.	440-1,000 yds.	1,100-2,100 yds.	2,200-4,900 yds.	3-6 mi.	7-12 mi.	13-24 mi.	25 or over mi.	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.		
																									SPEED IN KNOTS														
																									8 or more	9-12	13-16	17-20	21 or more										
																									8 or more	9-12	13-16	17-20	21 or more										
Number of Observations																																							
7a ENGLAND, N.W.																																							
Cumberland	3	1001.0	-	3.4	0.9	6.8	85	6.4	0	3	9	12	1	0	0	0	0	0	1	18	7	1	0	0	0	3	10	15	0	0	3	14	2	2	7	0	0	0	
Carlisle	9	999.6	-	4.1	0.9	7.1	84	7.0	0	4	13	11	0	0	0	0	0	0	1	11	15	1	0	0	0	2	12	14	0	0	0	3	15	2	2	7	0	0	
92 ft.	15	999.0	-	5.6	1.3	7.4	79	6.5	0	1	7	10	10	0	0	0	0	0	1	8	14	4	1	0	0	2	20	6	0	0	0	0	12	4	3	7	0	0	
Westmorland	21	1000.9	-	3.8	0.9	6.9	84	5.7	1	4	6	6	11	0	0	0	0	0	2	12	12	2	0	0	0	4	11	13	0	0	1	14	1	1	8	3	0	0	
Great Dun Fell	3	-	-	-1.6	0.0	5.5	98	7.7	1	0	0	0	0	27	20	7	0	0	0	0	0	0	0	0	3	11	12	1	1	0	0	4	8	4	3	8	1	0	
15	9	-	-	-1.3	0.1	5.6	96	7.8	0	0	1	2	1	24	14	10	0	0	0	1	1	2	0	0	3	13	10	2	0	0	0	4	8	4	3	8	1	0	
21	9	-	-	-0.8	0.0	5.9	98	7.9	0	0	0	1	2	25	12	13	0	0	0	1	1	1	0	0	6	10	8	4	0	0	0	4	7	0	7	3	0	0	
Lancashire	3	1000.0	-	-1.5	0.0	5.5	97	8.0	0	0	0	0	0	1	27	19	8	0	0	0	0	0	0	0	3	18	6	1	0	0	0	2	10	2	0	9	4	0	0
Squires Gate	9	998.9	-15.3	4.3	0.6	7.7	90	7.2	1	0	1	8	18	0	0	0	0	1	5	12	6	4	0	0	4	19	5	0	0	0	0	3	12	5	3	3	9	0	0
35 ft.	15	998.5	-	6.3	1.0	8.3	85	6.4	0	3	11	11	0	0	0	0	0	0	7	15	5	0	0	0	4	19	4	1	0	0	1	10	7	4	2	3	0	0	
21	9	1000.5	-	4.3	0.5	7.8	91	6.2	1	1	7	9	10	0	0	0	0	0	10	8	10	0	0	0	2	21	5	0	0	0	1	10	4	3	4	6	0	0	
Speke	3	1000.8	-	5.1	1.0	7.6	84	6.7	0	3	2	7	16	0	0	0	0	1	3	10	8	6	0	0	0	0	16	12	0	0	1	2	7	5	3	1	0	0	
85 ft.	9	999.8	-	5.4	0.9	8.0	85	7.3	0	1	0	12	15	0	0	0	0	2	5	11	9	1	0	0	2	15	11	0	0	0	3	8	7	6	3	1	0	0	
15	9	999.4	-	7.4	1.7	8.0	75	6.6	0	2	2	15	9	0	0	0	0	0	4	10	7	6	1	0	0	6	12	9	1	0	0	3	7	3	8	3	0	0	
21	9	1001.4	-	5.4	1.2	7.4	80	6.0	0	2	9	6	11	0	0	0	0	0	5	9	12	2	0	0	0	6	12	9	1	0	0	3	7	3	8	3	0	0	
Cheshire	3	1000.9	-	4.8	1.4	6.9	76	6.6	2	3	0	3	20	0	0	0	0	0	2	13	11	2	0	0	0	0	14	14	0	0	0	3	7	6	8	2	1	0	
Ringway	9	999.8	-14.8	5.4	1.4	7.3	78	7.0	0	1	2	11	14	0	0	0	0	1	1	15	9	2	0	0	0	1	18	9	0	0	1	10	3	10	3	1	0	0	
251 ft.	15	999.3	-	7.3	2.3	7.3	68	6.8	0	0	6	11	11	0	0	0	0	1	1	16	7	3	0	0	0	1	20	7	0	0	1	2	7	5	6	4	0	0	
21	9	1001.4	-	5.1	1.6	6.7	74	5.7	0	7	3	6	12	0	0	0	0	2	19	6	1	0	0	0	0	15	13	0	0	0	2	7	4	8	6	4	1	0	
7b NORTH WALES																																							
Anglesey	3	998.5	-	6.0	0.7	8.5	89	6.9	2	0	1	8	17	0	0	0	0	0	4	10	5	8	1	0	0	6	14	8	0	0	2	8	7	7	3	1	0	0	
Valley	9	997.6	-16.7	6.1	0.6	8.8	90	6.9	0	0	3	13	12	0	0	0	0	0	4	12	7	5	0	0	2	9	12	5	0	0	2	9	2	8	6	1	0	0	
37 ft.	15	998.1	-	7.7	1.1	9.0	84	6.1	0	3	4	13	8	0	0	0	0	0	0	9	13	6	0	0	1	8	12	7	0	0	1	8	3	4	8	4	0	0	
21	9	999.8	-	5.6	0.7	8.2	88	5.6	2	2	6	8	10	0	0	0	0	0	4	9	9	6	0	0	0	6	14	8	0	0	0	3	9	1	8	3	4	0	0
Caernarvon	3	1000.0	-	6.2	0.3	9.2	94	6.1	5	1	1	2	18	1	0	0	0	1	0	2	25	0	0	0	2	13	12	1	0	0	0	1	10	2	9	5	1	0	0
Bardsey Island	9	997.8	-	6.4	0.3	9.3	94	6.3	0	3	1	6	18	0	0	0	0	0	0	1	16	11	0	0	3	15	8	2	0	0	0	3	5	6	9	5	0	0	
63 ft.	15	998.4	-	6.9	0.5	9.3	92	6.5	0	2	4	9	13	0	0	0	0	0	0	0	14	14	0	0	1	15	11	1	0	0	0	2	6	5	5	7	3	0	0
21	9	999.7	-	6.4	0.5	9.1	98	5.9	2	0	8	3	15	0	0	0	0	0	0	0	25	1	2	0	3	14	7	3	1	0	0	1	9	3	9	3	2	0	0
8a SOUTH WALES																																							
Cardigan	3	998.8	-	6.1	0.8	8.5	87	6.6	1	3	0	8	16	0	0	0	0	0	0	14	9	5	0	0	0	4	18	6	0	0	0	0	5	9	8	6	0	0	0
Aberporth	9	998.2	-16.9	6.2	0.8	8.6	87	6.5	0	2	1	13	12	0	0	0	0	0	0	13	6	8	1	0	0	6	16	6	0	0	0	1	5	5	11	5	1	0	0
382 ft.	15	998.8	-	7.5	1.3	8.5	81	6.6	0	1	6	11	10	0	0	0	0	0	0	6	11	9	2	0	0	7	16	5	0	0	0	1	4	5	7	8	3	0	0
21	9	1000.1	-	5.9	0.9	8.1	85	5.5	3	5	1	8	11	0	0	0	0	0	0	11	8	8	1	0	0	3	17	8	0	0	0	1	4	8	9	5	1	0	0
Pembroke	3	999.0	-	6.8	0.6	9.1	90	6.1	2	4	2	2	18	0	0	0	0	2	0	18	8	0	0	0	0	6	14	8	0	0	0	1	9	4	6	4	4	0	0
Milford Haven C.B.	9	998.3	-	6.6	0.4	9.1	89	7.1	0	1	1	11	15	0	0	0	0	0	1	23	4	0	0	0	0	7	14	7	0	0	1	1	7	2	9	7	1	0	0
128 ft.	15	999.0	-	7.8	1.0	9.2	82	6.9	0	1	2	12	13	0	0	0	0	2	0	17	8	1	0	0	0	5	18	5	0	0	0	1	9	2	2	10	4	0	0
21	9	999.5	-	7.0	0.9	8.9	87	5.9	4	2	3	2	17	0	0	0	0	0	1	19	8	0	0	0	0	6	12	9	1	0	0	1	7	5	3	7	3	1	0
Glamorgan	3	1000.2	-	6.3	0.7	8.7	90	6.8	0	3	2	5	18	0	0	1	2	1	0	10	12	2	0	0	0	12	14	2	0	0	1	11	3	4	5	4	0	0	
Mumbles	9	998.8	-	6.3	0.6	8.7	89	7.4	0	1	1	8	18	0	0	0	1	0	1	15	10	1	0	0	4	9	10	3	2	0	1	2	7	2	4	6	4	0	0
123 ft.	15	1000.0	-	6.9	0.9	8.9	87	7.0	0	1	4	6	17	0	0	0	0	1	2	16	9	0	0	0	2	13	11	2	0	0	1	9	1	3	8	6	0	0	
21	9	1001.2	-	6.2	0.7	8.6	88	5.9	2	3	4	3	16	0	0	0	0	0	2	6	14	4	0	0	0	11	14	3	0	0	0	1	9	1	3	8	6	0	0
3	9	1001.3	-	5.8	0.4	8.9	94	6.3	0	3	1	7	17	0	0	0	0	1	2	10	8	7	0	0	0	11	14	3	0	0	0	1	9	4	3	4	7	0	0
Rhoose	9	1000.8	-15.2	6.1	0.4	9.0	94	7.4	0	1	0	10	17	0	0	0	0	5	7	12	4	0	0	0	0	1	15	12	0	0	0	3	6	4	2	6	5	0	0
225 ft.	15	1001.0	-	7.8	0.8	9.2	88	7.0	0	1	2	13	12	0	0	0	0	1	0	4	5	10	7	1	0	0	8	13	7	0	0	2	6	2	5	2	11	0	0
21	9	1002.4	-	5.9	0.5	8.7	92	6.6	0	4	1	6	17	0	0	0	0	1	2	9	12																		

TABLE III—ADDITIONS AND CORRECTIONS

YEAR	MONTH	STATION	Max. Terminal hr. GMT of Observation Min.	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		Mean Temperatures (Mean of A & B)	Difference from Average #	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (inches)	Per cent of 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 °C	Gale	Daily Mean (hr.)	Per cent of Average #	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
					A Max.	B Min.			Maximum	Date	Minimum	Date	Amount (inches)	Date			0.1in (0.2mm) or more	0.1in (1.0mm) or more																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
1957	February	Kensington Pal.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											

* Amendments to corrections Sept. 1965.

TABLE VIII—NUMBER OF DAYS IN FEBRUARY, 1966
WITH MAXIMUM AND MINIMUM TEMPERATURES between given limits.

STATION	MAXIMUM TEMPERATURE °C.								STATION	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		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
Lerwick	0	17	11	0	0	0	0	0	Edgbaston	1	9	6	12	0	0	0	0
Stornoway	0	12	15	1	0	0	0	0	Kew	0	6	4	18	0	0	0	0
Craibstone	3	11	13	1	0	0	0	0	Hastings	0	5	20	3	0	0	0	0
Rothsay	0	14	13	1	0	0	0	0	Southampton	0	5	4	19	0	0	0	0
Renfrew	0	12	10	6	0	0	0	0	Stonyhurst	2	8	10	8	0	0	0	0
Eskdalemuir	3	11	14	0	0	0	0	0	Bidston	0	10	8	10	0	0	0	0
Douglas	0	10	18	0	0	0	0	0	Valley	0	4	15	9	0	0	0	0
Cockle Park	1	13	9	5	0	0	0	0	Falmouth	0	0	11	17	0	0	0	0
Gorleston	0	10	9	9	0	0	0	0	Aldergrove	0	11	11	6	0	0	0	0
Cambridge	0	9	2	17	0	0	0	0	Armagh	0	11	15	12	0	0	0	0

TABLE XIII—SOLAR RADIATION AND ILLUMINATION, FEBRUARY, 1966

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	163	18	5	4	81.3	28	89	24	4	4	52.9	28	196	18	5	4	94.3	28
Eskdalemuir	190	14	17	4	74.2	28	128	15	17	4	64.1	28	232	17	19	4	95.2	28
Cambridge	292	27	23	10	103.0	28	128	21	22	10	73.4	28	-	-	-	-	-	-
London (High Holborn) ..	206	27	14	10,11	75.5	28	126	27	14	10,11	62.7	28	239	27	15	11	88.4	28
Kew	247	27	19	11	86.9	28	140	27	18	11	70.2	28	267	27	23	11	98.5	28
Bracknell (Easthampstead) ..	254	27	18	5	90.5	28	123	21	18	5	71.9	28	267	27	23	12	101.1	28
Aberporth																		

TABLE XIII—SOLAR RADIATION AND ILLUMINATION, — ADDITIONS AND CORRECTIONS

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
Eskdalemuir																		
1964 July													89.7		136		484.5	
August													688		102		388.5	
September													646		40		323.3	
1965 August													734		114		397.9	
September													472		57		224.4	
October													325		19		160.6	
Bracknell (Easthampstead)																		
1965 March																		
April													537		186		379.7	
May													852		142		496.6	
June													832		168		581.0	
July													793		166		467.0	
August													739		154		480.6	
Aberporth																		
1965 July	771	24	197	12	476.4	31	356	6	159	31	283.0	31						
London (High Holborn)																		
1965 August	576	7	139	21	378.6	31	332	3	115	21	215.8	31	741	1	169	21	478.9	31

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Printed in England for H.M. Stationery Office by Keyswift Ltd. Edgware. Wt. 15/PS407645 K.12. 6/66. Grp S.T. 72-7-66-2.

Monthly Weather Report OF THE METEOROLOGICAL OFFICE

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

Met. O. 775



Volume 83 Number 3

Published by HER MAJESTY'S STATIONERY OFFICE

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March 1966 — Dry in many areas

Weather during March was predominantly anticyclonic in character during the first three weeks, except for cyclonic periods on the 2nd-3rd, and 10th-12th. From the 23rd it was cyclonic and unsettled.

The generally mild weather at the end of February continued in most districts until March 7th. Rain in the west and north, associated with a depression to the south-west of Iceland, spread to the remainder of the British Isles during the afternoon of the 1st and continued for much of the night. A wave on the cold front of the depression brought periods of heavy rain to western districts on the 2nd, but the south-east remained dry until the evening. Two showery days followed, the showers becoming well scattered on the 4th as a ridge of high pressure approached southern Ireland, and generally dry, sunny weather continued in southern districts until the 7th as an anticyclone moved from the Bay of Biscay to western Germany. There were periods of heavy rain in Scotland, however, associated with disturbances moving rapidly north-eastwards along a slow-moving cold front off the north-west coasts; more than 1 inch was recorded locally on both the 5th and 7th.

On the 8th the cold front moved from Scotland south-eastwards bringing rain to most districts of England and Wales. The next day was generally sunny in the south but rain, associated with a deep depression near Iceland, reached the north-west during the morning and had spread to most other parts of the country by the early hours of the 10th. The rain continued in most districts for about 36 hours as the main depression moved from near Iceland south-eastwards to southern Norway. In Scotland wind reached gale force at times and snow showers followed the rain as winds veered to north-west.

North-westerly winds brought cooler, showery weather with sunny periods to all districts on the 11th, the showers being frequent with hail and thunder at times, and occasionally of snow except in the extreme south. They gradually died out on the 12th as an anticyclone from the Atlantic approached our south-west districts.

The next ten days were generally quiet and mild with only small amounts of rain, weather being dominated by anticyclones to the south-west or over the British Isles. Rain associated with weakening frontal belts moving south-eastwards over the country on the 13th was followed by three mainly dry but rather cloudy days as an anticyclone, previously off south-west England, spread slowly eastwards. A weak trough moved south-eastwards across the country on the 17th bringing rain to most districts, but pressure built up considerably behind the trough and the 18th, 19th and 20th were sunny with more than 10 hours of sunshine daily at many places, but with widespread frost at night. On the 21st the anticyclone over south-west England declined and moved away south-westwards as a weak cold front moved southwards over the country bringing rain to many districts followed by well scattered showers which persisted over England for most of the 22nd.

The remainder of the month was unsettled, stormy at times and cooler, high pressure to the west ensuring the recurrence of rather unstable north-westerly airstream after the passage of active depressions over or to the north of the British Isles. Showers in a north-westerly airstream on the 23rd became more frequent with thunder, hail and snow on the 24th as a depression, which had moved south-east to Scandinavia, continued to deepen. Snow lay for a time over an inch deep in many parts of southern England and the Midlands. Scattered wintry showers the next day gave place to general rain on the 26th as a very deep and complex depression approached Scotland. Gales were widespread and severe in places with wind frequently exceeding 60 kt. in gusts. Thundery showers of rain or snow in a north-westerly airstream behind the depression gradually became less frequent on the 28th and 29th. A small disturbance to the north of Scotland gave some slight rain with snow in the north on the 30th which slowly gave place to showers on the last day of the month.

Pressure and Wind — Mean pressure was above the average except in parts of north and east Scotland, the Orkneys and Shetlands; the deviation at 9hr ranging from +11.4 mb at Scilly to -4.9 mb at Lerwick. Surface winds were mainly south-westerly during the first week and also on the 16th-20th in northern districts when they were rather variable in the south. At other times north-westerly winds predominated. Wind reached gale force on 20 days in Scotland and on 10 days in England and Wales. Gales were widespread on the 27th when a gust of 85kt was recorded at Bidston.

Temperature — Mild periods occurred during the first and third weeks with day temperatures in many areas exceeding 12°C; the warmest nights were during the first week. The coldest period generally was during the last week but air frost occurred in many places in the night of the 19th/20th.

Extremes included: (England and Wales) 15.0°C at a number of widely dispersed places on the 18th-20th, -8.3 at Alwen on the 19th; (Scotland) 15.0°C at Gordon Castle on the 5th, -7.2°C at Lowther Hill on the 25th; (Northern Ireland) 14.4°C at Armagh on the 18th, -4.8°C at Black Mountain on the 27th.

Rainfall — Rainfall was less than 25 per cent of the average over parts of north-east England, Oxfordshire, Northamptonshire and the Home Counties; it was more than the average over much of north-west England. In Scotland rainfall was only half the average in the east, south of Peterhead; it was more than twice the average over much of the north-west.

Snow or sleet fell widely in Scotland on the 10th-13th, and was even more widespread during the last nine days; ground was snow-covered on 12 mornings. In England and Wales it was fairly widespread on the 24th-26th and 28th, and lay to a depth of 1 inch in parts of the Midlands on the mornings of the 25th and 29th.

Thunder was heard on 4 days in Scotland and on 7 days in England and Wales. Thunderstorms were fairly widespread in southern and western districts on the 11th and in eastern districts on the 27th and 28th.

Sunshine — In general sunshine was above the average especially in eastern Scotland; Paisley had its sunniest March since 1910. It was rather dull in parts of north-west England and North Wales, where at Aber sunshine was only 61 per cent of the average.

Fog — Fog was observed at one place or another in Scotland on 12 days and in England and Wales on 21 days; it was widespread in the Midlands on the 14th, 16th and 20th and in the south on the 17th.

TABLE I—DISTRICT VALUES, MARCH, 1966

DISTRICTS	AIR TEMPERATURE					EARTH TEMP.		RAIN DAYS	RAIN-FALL	SUN-SHINE
	*Highest Max.	*Lowest Min.	Max.	Min.	Mean	Mean 1 ft.	Mean 4 ft.			
Difference from Average									% of Average	
0 SCOTLAND, N.	12.9	-5.0	+0.4	+0.4	+0.3	-	-	+7	187	84
1 SCOTLAND, E.	13.9	-2.2	+1.5	+1.1	+1.3	+0.2	0.0	-3	49	124
2 ENGLAND, N.E.	13.9	-2.8	+1.1	+0.8	+1.0	+0.9	+0.5	-4	46	118
3 ENGLAND, E.	14.4	-5.0	+0.8	+0.5	+0.6	+0.9	+0.5	-1	43	96
4 MIDLANDS	14.2	-4.1	+0.5	+0.9	+0.7	+0.8	+0.7	-1	53	110
5 ENGLAND, S.E.	15.0	-5.4	+0.6	+0.5	+0.5	+1.0	+1.0	-2	35	107
6 SCOTLAND, W.	12.8	-4.9	+0.7	+1.1	+0.9	+1.3	+0.5	+3	110	116
7 ENGLAND, N.W. and N. Wales	12.6	-1.8	+0.2	+1.5	+0.9	+1.1	+0.6	+2	84	95
8 ENGLAND, S.W. and S. Wales	13.9	-4.4	+0.5	+0.5	+0.5	+1.2	+0.6	-2	58	114
N. IRELAND	14.4	-2.2	+0.9	+1.2	+1.1	-	-	+1	138	101
SCOTLAND	13.9	-5.0	+0.9	+0.9	+0.8	-	-	+2	145	108
ENG. and WALES	15.0	-5.4	+0.6	+0.8	+0.7	-	-	-1	60	107

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

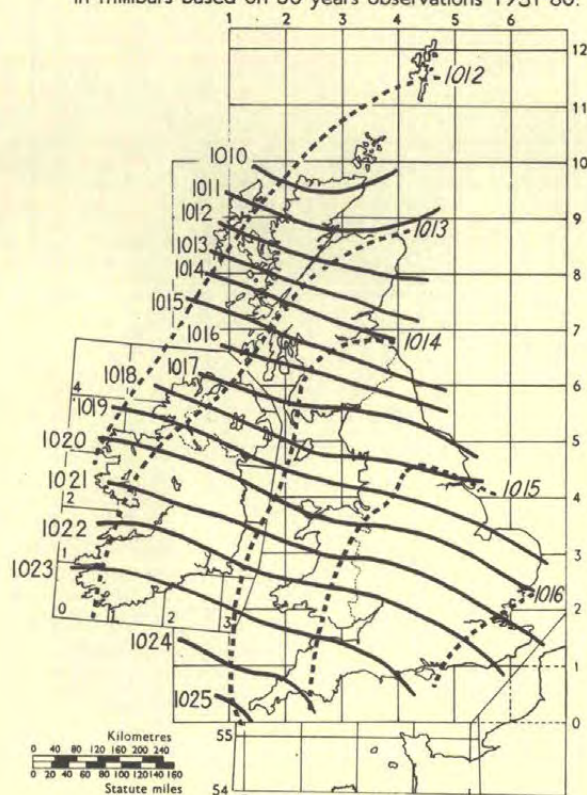
FH2A

* Data for Renfrew (71 : 41 : 39) published here until May, 1966
 / Anemograph dismantled for re-erection
 Ø Defective record

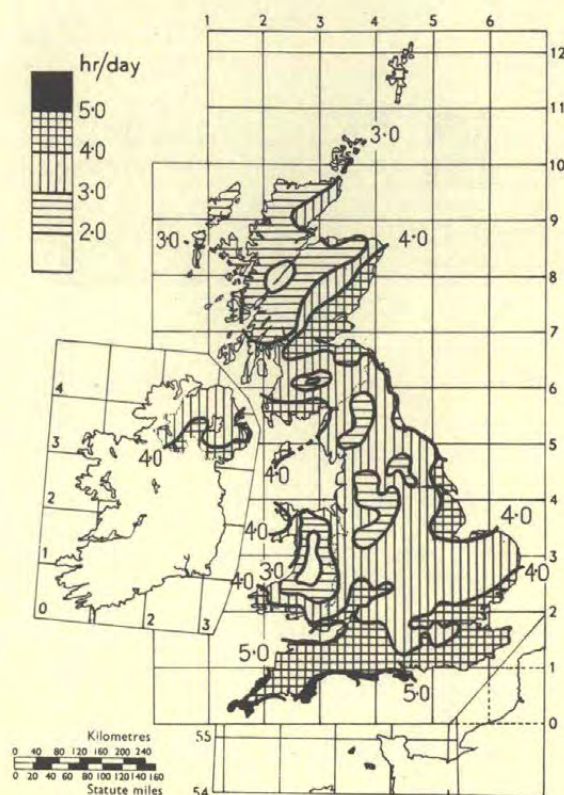
MONTHLY WEATHER CHARTS MARCH 1966

MEAN PRESSURE AT 9 G.M.T.

The dotted lines show the normal distribution of pressure in millibars based on 30 years observations 1931-60.

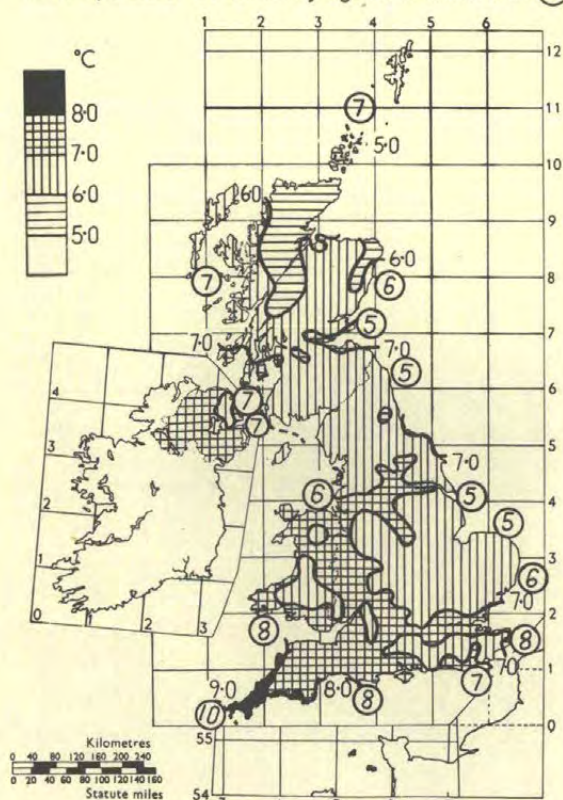


BRIGHT SUNSHINE

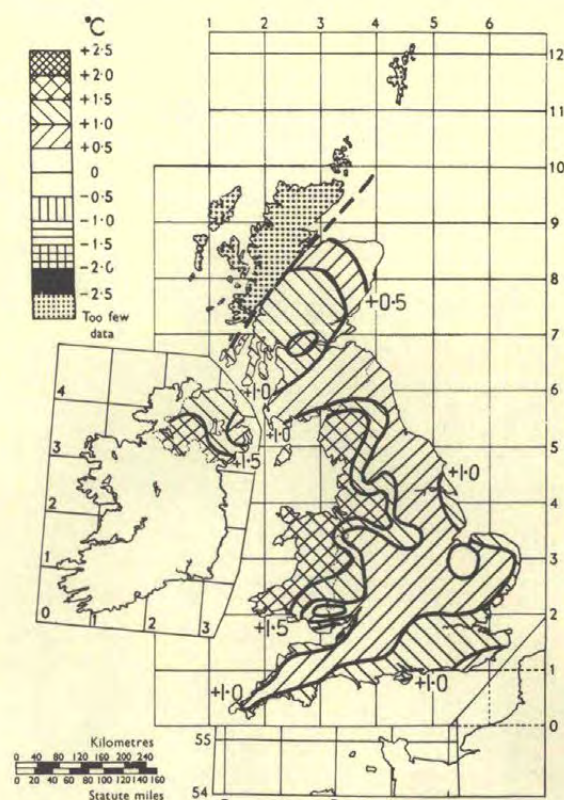


MEAN AIR TEMPERATURE

Reduced to sea level by a correction of 1°C. for 500 ft. Sea temperatures are shown by figures in circles thus (10)



ANOMALY OF MEAN 1 ft. EARTH TEMPERATURE



RAINFALL MARCH 1966

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

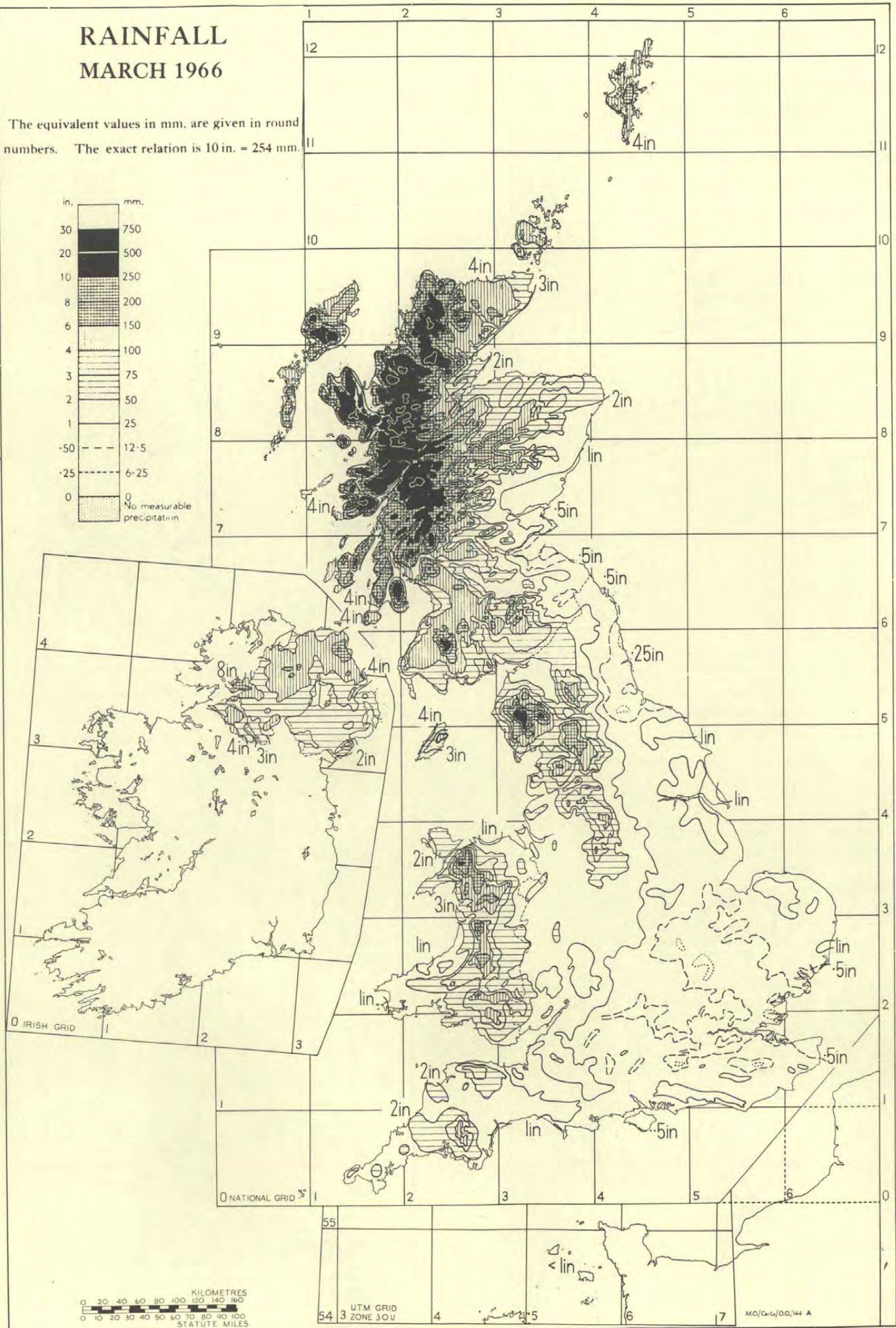
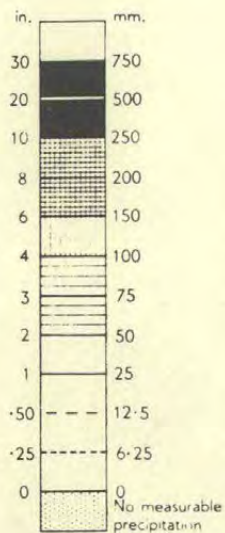


TABLE IV

—SUMMARY OF OBSERVATIONS AT FIXED HOURS

MARCH,

1966

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (ft.)	Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Okta)					VISIBILITY (Yards and Miles)							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	0-44 yds.	45-210 yds.	220-430 yds.	440-1,000 yds.	1,100-2,100 yds.	2,200-4,300 yds.	3-6 mi.	7-12 mi.	13-24 mi.	25 or over mi.	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	23-29	11-21	1-10	0								
Number of Observations																																					
0 SCOTLAND, N.																																					
Zetland	3	1007.6	-	3.1	0.6	7.0	90	6.0	0	3	8	9	10	1	0	0	1	0	0	1	4	7	11	7	1	8	11	8	3	5	0	1	0	2	6	7	5
Lerwick	15	1007.2	-4.9	4.0	0.6	7.3	88	6.4	0	3	8	12	12	1	0	0	0	0	2	7	6	9	5	1	9	12	8	1	3	1	0	2	5	8	4	7	
Orkney	21	1007.1	-	4.8	0.9	7.5	85	6.5	0	2	5	13	10	1	0	0	1	0	1	0	5	10	12	2	0	16	9	6	0	3	1	0	2	4	8	6	7
Kirkwall	3	1007.7	-	3.3	0.5	7.1	90	5.8	1	4	8	5	12	1	0	0	1	2	0	1	5	4	15	3	4	8	13	5	1	7	0	1	1	3	7	4	4
86 ft.	9	1009.9	+2.8	4.4	0.8	7.4	87	5.4	0	5	8	11	7	0	0	0	0	0	0	0	3	3	24	1	0	5	16	6	4	3	0	0	2	4	6	8	4
Caithness	15	1009.5	-	4.9	0.7	7.8	88	6.7	0	1	2	20	8	0	0	0	0	0	0	1	6	1	21	2	2	6	15	8	0	2	0	1	1	6	5	10	6
Wick	21	1010.2	-	6.1	1.2	7.8	81	5.8	0	4	6	13	8	0	0	0	0	0	0	0	3	5	12	11	1	9	19	2	0	4	0	1	1	6	5	8	6
121 ft.	3	1010.6	-	4.7	0.9	7.4	85	5.7	0	6	5	11	9	0	0	0	0	0	0	1	8	21	1	1	6	15	9	0	5	0	0	0	5	5	13	3	
Sutherland	9	1010.2	-2.2	3.9	0.8	7.1	88	5.4	0	8	4	10	9	0	0	0	0	0	0	1	6	19	5	0	3	14	13	1	1	0	0	1	7	6	10	5	
Cape Wrath*	15	1010.2	-	4.9	0.9	7.5	84	6.6	0	1	2	23	5	0	0	0	0	0	0	0	3	5	14	9	0	5	21	4	1	2	0	0	1	9	4	9	5
371 ft.	21	1009.4	-	6.4	1.5	7.6	78	6.2	0	2	5	20	4	0	0	0	0	0	0	1	8	8	14	0	9	19	3	0	3	0	0	3	6	3	8	8	
Ross & Cromarty	3	1010.9	-	4.3	0.8	7.3	86	5.6	0	5	4	18	4	0	0	0	0	0	0	1	8	18	4	0	3	16	12	0	2	0	0	2	5	7	10	5	
Stornoway	9	1009.6	-	4.7	0.7	7.7	89	6.8	0	1	6	6	17	1	0	1	0	0	0	2	7	8	12	3	10	12	5	1	1	0	0	1	3	14	5	6	
16 ft.	15	1009.5	-	4.9	0.6	7.9	90	7.0	0	0	4	11	16	0	0	0	0	0	0	1	8	8	11	2	13	12	4	0	2	1	0	1	5	14	5	3	
Inverness	21	1010.5	-	5.8	1.0	7.8	84	6.8	0	0	7	10	12	2	0	1	0	1	0	5	4	9	11	4	14	8	5	0	4	0	0	1	2	16	4	4	
Benbecula	3	1011.7	-0.3	6.1	0.7	8.6	89	6.6	0	0	5	15	11	0	0	0	0	0	0	2	6	10	11	2	11	14	4	0	1	0	1	1	3	13	7	5	
21 ft.	9	1011.6	-	4.7	0.4	8.1	93	5.3	2	7	3	8	11	0	0	0	0	0	0	1	6	6	16	2	0	1	20	8	2	0	0	1	10	7	5	4	
21 ft.	15	1011.9	-	7.4	1.3	8.6	82	6.7	0	0	4	22	5	0	0	0	0	0	0	4	11	7	9	0	8	20	3	0	2	0	1	0	5	5	12	6	
21 ft.	21	1012.4	-	5.2	0.6	8.2	91	5.6	1	5	6	9	10	0	0	0	0	0	0	1	2	13	13	2	0	19	12	0	2	0	0	1	9	8	5	6	
21 ft.	3	1012.7	+0.9	6.0	0.6	8.6	91	5.8	1	2	9	8	11	0	0	0	0	0	0	3	3	7	16	2	0	4	19	7	1	1	0	0	12	4	7	6	
21 ft.	9	1012.7	-	6.5	0.7	8.7	89	6.1	0	1	10	13	7	0	0	0	0	0	2	2	10	11	4	0	6	18	6	1	4	1	0	1	8	4	11	1	
21 ft.	15	1013.3	-	7.4	1.1	8.8	84	6.0	0	2	7	15	7	0	0	0	0	0	0	3	2	7	13	6	0	9	16	6	0	3	0	0	1	9	1	13	4
21 ft.	21	1013.6	-	6.2	0.8	8.5	89	5.6	0	4	8	11	8	0	0	0	0	0	0	5	11	13	2	0	6	20	5	0	3	0	0	1	8	5	11	3	
1 SCOTLAND, E.																																					
Moray	3	1012.5	-	4.5	1.0	7.2	85	5.3	0	7	5	13	6	0	0	0	0	0	0	4	1	8	18	0	2	15	12	2	1	0	0	1	0	3	12	11	1
Kinloss	9	1012.2	-0.3	5.8	1.4	7.4	79	6.3	0	3	3	18	7	0	0	0	0	0	0	1	6	8	16	0	5	18	8	0	0	0	0	0	6	13	10	2	
19 ft.	15	1012.0	-	8.3	2.2	7.8	71	6.7	0	1	1	25	4	0	0	0	0	0	0	3	2	8	18	1	9	16	5	0	2	0	0	0	2	9	12	6	
Aberdeen	21	1012.9	-	5.3	1.2	7.3	81	5.5	0	4	8	14	5	0	0	0	0	0	0	0	4	9	13	0	5	12	14	0	0	0	0	0	5	15	5	6	
Dyce	3	1012.2	-	3.7	1.0	6.7	83	4.5	5	7	2	11	5	1	0	0	1	0	0	1	4	7	8	10	0	0	14	15	2	0	0	0	0	6	5	14	4
193 ft.	9	1011.8	-1.8	5.3	1.4	7.1	79	5.4	0	5	9	14	3	0	0	0	0	0	0	2	5	6	9	9	0	1	16	13	1	0	0	0	4	10	7	9	
Rattray Head*	15	1011.3	-	7.7	2.3	7.3	69	6.2	0	2	4	22	3	0	0	0	0	0	0	1	2	3	8	6	11	0	4	17	10	0	1	0	0	1	5	6	9
108 ft.	21	1012.4	-	4.7	1.3	6.9	80	4.6	4	6	5	11	5	0	0	0	0	0	1	2	12	6	9	0	4	11	14	2	0	0	0	0	5	6	13	5	
Angus	3	1011.8	-1.8	4.4	1.1	6.9	82	4.9	1	6	8	13	3	0	0	0	0	0	1	0	1	29	0	0	3	5	9	14	0	1	0	0	0	11	6	9	4
Usan	9	1011.3	-	5.1	1.3	7.2	80	5.5	0	2	8	18	3	0	0	0	0	0	0	1	25	5	0	1	9	14	7	0	0	0	0	0	11	2	13	5	
114 ft.	15	1011.2	-	7.4	2.1	7.3	71	5.5	0	1	11	18	1	0	0	0	0	0	0	0	24	7	0	0	11	14	6	0	0	1	0	0	1	8	1	16	4
Fife	21	1011.9	-	5.3	1.2	7.3	80	4.7	0	7	10	11	3	0	0	0	0	0	0	3	28	0	0	4	2	16	9	0	4	0	0	0	8	2	17	0	
Leuchars	3	1012.6	-	4.5	0.7	7.6	88	3.4	6	9	4	6	0	0	0	0	0	0	0	2	6	21	0	0	0	17	14	0	5	0	0	0	2	6	15	3	
38 ft.	9	1012.6	-	5.7	0.9	7.8	85	4.7	0	6	9	14	2	0	0	0	0	0	0	2	0	10	19	0	2	12	17	0	3	0	0	0	1	7	16	4	
Midlothian	15	1012.2	-	8.6	2.0	8.3	73	5.9	0	3	7	18	3	0	0	0	0	0	0	1	2	7	21	0	5	17	9	0	4	0	1	1	2	4	13	6	
Turnhouse	21	1012.8	-	5.6	0.9	7.8	85	3.9	6	9	3	7	6	0	0	0	0	0	0	1	1	12	17	0	4	14	13	0	3	0	0	0	2	6	16	4	
6a SCOTLAND, W.	3	1013.4	-	4.3	1.0	7.1	84	4.2	5	7	5	6	8	0	0	0	0	0	0	1	3	21	3	0	0	22	9	0	0	0	0	0	1	0	18	9	3
Argyll	9	1013.2	-0.5	6.0	1.5	7.3	76	5.4	0	6	5	16	4	0	0	0	0	0	0	0	5	14	12	0	7	14	9	1	0	0	0	2	13	11	4		
38 ft.	15	1012.8	-	9.3	3.1	7.2	60	6.0	0	0	9	20	2	0	0	0	0	0	0	1	2	13	15	0	12	15	4	0	1	0	0	0	2	10	13	5	
Midlothian	21	1013.7	-	5.5	1.4	7.2	78	4.3	2	8	7	10	4	0	0	0	0	0	0	3	8	13	7	0	3	16	11	1	0	0	0	0	1	15	10	4	
Turnhouse	3	1014.9	-																																		

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

MARCH,

1966

DISTRICT, COUNTY AND PLACE		Terminal hr. GMT of Observation	Height of Station above MSL (feet)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days										BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
				MEANS OF				HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (inches)	Per cent of Average	Amount (inches)	Most in a Day	Precip'n (0.2mm or more)	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost†	Grass min. below °C	Gale	Daily Mean (hr.)	Per cent of Average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
				A Max.	B Min.	Mean Temperatures (mean of A & B)	Difference from Average	Maximum	Date	Minimum	Date																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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1 SCOTLAND, E.—cont.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

MARCH,

1966

DISTRICT, COUNTY AND PLACE		Terminal hr. GMT of Observation	Height of Station above MSL (feet)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)			WEATHER Number of Days										BRIGHT SUNSHINE									
				MEANS OF		Mean Temperatures (Mean of A & B)	Difference from Average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (inches)	Per cent of Average	Most in a Day Amount (inches)	Date	Precip'n		Snow or Sleet	Snow lying at thr.	Hail	Ice Pellets etc.	Thunder heard	Fog at thr.	Air Frost†	Grass mts. below °C	Gale	Daily Mean (hr.)	Per cent of Average	Exposure					
				A Max.	B Min.			Maximum	Date	Minimum	Date	-0.1in (0.2mm) or more	-0.1in (1.0mm) or more																							
2 ENGLAND, N.E.																																				
Northumberland	Kielder Castle ...	99	660	8.6	1.2	4.9	-	11.7	15	-5.0	19	4.8	-	2.61	84	.64	1	19	12	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Haydon Bridge ...	99	858	9.8	2.1	5.9	-	13.3	19	-4.4	19	5.5	5.6	1.07	-	.33	31	14	8	5	0	0	0	0	0	0	0	0	9	14	1	-	-	-	-	
	Corbridge ...	99	160	10.3	2.6	6.5	-	13.9	19,21	-5.0	19	-	-	.92	-	.26	26	9	7	0	0	0	0	0	0	0	0	5	13	0	-	-	-	-		
	Berwick-on-Tweed ...	99	76	9.5	3.3	6.4	+1.2	12.8	15	-1.1	13	-	-	.63	42	.22	27	10	4	2	1	0	0	0	0	0	0	4	12	1	4.48	125	-	-		
	Cockle Park ...	99	326	9.3	2.3	5.8	+1.1	12.8	19	-2.2	19	4.6	-	.28	15	.10	27	8	3	2	0	0	0	0	0	0	0	6	9	2	3.98	119	-	-		
Durham	Acklington ...	21-9	138	10.0	2.8	6.4	-	13.6	19	-2.3	19	-	-	.36	22	.21	27	8	2	5	0	0	0	0	0	0	0	4	11	0	4.73	-	-	-		
	Tynemouth ...	21-9	95	9.4	4.1	6.7	+1.0	13.0	10	-1.2	25	-	-	.45	29	.13	26	7	5	4	0	0	0	0	0	0	0	2	9	0	3.73	116	-	-		
	Seahouses ...	21-9	37	9.7	3.3	6.5	-	14.0	19	-1.7	13	-	-	.49	-	.12	24	7	4	2	1	0	0	0	0	0	0	4	14	2	4.31	-	-	-		
	Chopwellwood ...	99	446	9.9	2.4	6.1	+1.1	15.0	19	-3.3	25	-	-	.56	31	.13	26	11	5	1	0	0	0	0	0	0	6	16	0	-	-	-	S			
	Ushaw College ...	99	594	9.8	1.9	5.9	+1.0	13.3	15	-2.8	25	-	-	.38	19	.16	26	6	3	5	0	0	0	0	0	0	0	6	-	2	-	-	-			
	Houghall ...	99	123	10.6	2.1	6.3	+1.2	13.3	20	-4.4	19	-	-	.32	19	.15	26	4	2	0	0	0	0	0	0	0	8	22	0	3.98	125	-	-			
	Durham ...	99	336	10.2	2.2	6.2	+1.1	13.9	15	-2.8	19,20	5.4	5.6	.37	23	.16	26	7	2	-	-	-	-	-	-	6	20	-	3.75	114	-	-	-			
	Gateshead ...	99	509	-	-	-	-	-	-	-	-	-	-	.29	17	.11	26	(5)	(3)	-	-	-	-	-	-	-	-	-	-	-	4.48	-	-	-		
	West Hartlepool ...	99	30	10.5	3.4	6.9	-	13.9	20	-0.6	19,25	-	-	.40	29	.16	26	7	4	2	0	1	0	0	0	0	2	10	2	4.22	-	-	-	-		
	Yorks., N. Riding	Thirsk ...	99	111	10.4	2.1	6.3	-	13.3	2,10,15	-3.3	19	-	-	.54	-	.22	26	9	6	3	0	0	0	0	0	0	7	14	2	-	-	-	-	-	
Leeming ...		99	105	10.5	3.4	6.9	-	13.1	2	-3.3	19	-	-	.55	-	.20	26	9	5	4	0	1	1	0	0	0	5	12	0	4.28	-	-	-	-		
York (Heslington) ...		99	66	10.2	3.0	6.6	-	12.2	3,14,31	-2.8	20	5.6	-	.59	-	.18	2	13	4	-	0	-	-	-	-	0	2	-	-	3.47	-	-	-	-		
Ampleforth ...		99	313	9.6	2.4	6.6	+1.5	12.8	2	-1.7	20,25	-	-	1.16	63	.23	26	10	9	1	-	1	0	0	0	0	6	15	1	-	-	-	-	-		
Redcar ...		99	25	10.4	3.8	7.1	-	13.3	2,10,20	-1.1	19	-	-	.35	26	.12	31	8	4	-	0	-	-	-	-	0	2	-	-	3.39	-	-	-	-		
Yorks., E. Riding	Pickering ...	99	143	10.1	1.5	5.8	-	12.8	2,10	-4.4	20	-	-	.88	-	.21	26	14	8	4	0	0	0	0	0	0	0	11	18	0	-	-	-	-		
	Whitby ...	99	135	9.8	3.2	6.5	-	12.8	2,7,20	0.0	25,26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-			
	Scarborough ...	99	118	10.3	3.7	7.0	+0.9	12.8	7,10,21	-0.6	25	6.4	6.7	1.00	66	.23	27	12	9	1	0	0	0	0	0	0	1	3	2	3.96	116	-	-	-		
	Silpho Moor ...	99	665	8.9	1.7	5.3	-	12.2	20	-2.8	25	4.5	-	1.28	62	.32	26	16	9	1	1	1	0	0	0	0	1	7	21	0	3.84	-	-	-	-	
	Whitby C'Guard ...	21-9	200	9.3	3.8	6.5	-	12.7	2	-0.3	13	-	-	.70	-	.19	26	8	7	2	0	0	0	0	0	0	1	6	9	-	-	-	-	-		
	High Mowthorpe ...	99	574	8.6	1.8	5.2	-	11.1	14,21	-2.2	13	4.5	-	.77	34	.20	26	10	8	4	1	0	0	0	0	0	7	16	0	3.73	-	-	-	-		
	Hull ...	99	8	10.6	3.4	7.0	+1.0	13.3	22	-1.1	25	6.0	5.9	1.02	69	.27	2	12	8	4	0	1	0	0	0	0	4	18	0	4.10	133	-	-	-	-	
	Leconfield ...	21-9	24	10.0	3.3	6.7	-	12.6	21	-2.5	20	-	-	.71	-	.36	2	12	7	2	0	0	0	0	0	0	5	12	0	4.20	-	-	-	-		
	Filey ...	99	122	9.3	2.3	5.8	-	12.8	10	-1.7	30	-	-	.13	46	.15	26	11	5	3	1	0	2	0	0	0	5	12	0	4.20	-	-	-	-		
	Bridlington ...	99	157	9.6	2.2	5.9	-	12.2	10,21	-1.7	20	-	-	.83	50	.34	2	8	6	3	1	0	0	0	0	0	6	12	8	4.35	-	-	-	-		
Lincoln	Kilnsea ...	21-9	40	9.1	3.0	6.1	-	14.2	16	-3.0	25,29	-	-	.93	-	.30	26	13	6	2	0	0	0	0	0	0	2	1	6	-	-	-	-	-		
	Waddington ...	21-9	224	9.8	3.0	6.4	+0.8	12.5	20	-1.5	25	-	-	.66	-	.22	26	13	5	3	0	0	0	0	0	0	2	0	4	13	1	4.06	-	-	-	-
	Lincoln ...	99	22	10.3	1.8	6.1	-	12.8	20	-5.0	13	5.6	5.7	.51	35	.14	2	10	5	2	0	0	0	0	0	0	10	18	1	3.67	-	-	-	-		
	Cranwell ...	99	205	9.9	2.5	6.2	+0.7	13.2	20	-1.5	20	5.7	6.0	.82	57	.21	26	12	7	3	0	0	0	0	0	0	5	10	1	3.97	109	-	-	-	-	
	Brigg ...	99	10	10.3	1.9	6.1	-	12.8	21	-2.8	20	-	-	1.07	-	.28	2	12	7	2	1	0	0	0	0	0	6	16	1	-	-	-	-	-		
	Caistor ...	99	100	10.0	2.0	6.0	-	12.2	3,21	-3.3	13	-	-	.91	-	.28	26	14	6	-	-	-	-	-	-	8	-	-	-	-	-	-	-	-		
	Binbrook ...	21-9	353	9.3	2.2	5.7	-	11.5	21	-2.2	25	-	-	1.17	-	.41	26	14	6	7	1	3	3	2	0	6	10	1	-	-	-	-	-	-		
	Cleethorpes ...	99	23	10.0	3.3	6.7	+1.0	12.8	3,6	-0.6	20,25	-	-	.95	64	.44	26	9	6	2	0	1	0	0	0	0	6	10	1	4.09	111	-	-	-	-	
	Manby ...	21-9	55	10.2	2.9	6.5	-	13.3	16	-1.6	20	-	-	.80	60	.28	2	11	5	2	1	3	0	0	0	0	7	12	1	4.41	-	-	-	-		
	Skegness ...	99	15	9.6	2.6	6.1	+0.6	13.3	20	-1.7	26	-	-	.64	49	.26	26	10	5	2	0	0	0	0	0	0	2	5	-	4.04	107	-	-	-	-	
3 ENGLAND, E.																																				
Norfolk	Terrington St. Cl. ...	99	13	10.2	2.1	6.1	-	14.4	20	-3.9	20	5.8	-	.52	44	.14	9	17	3	2	0	0	0	0	0	0	7	16	0	3.72	-	-	-	-	-	
	Marham ...	21-9	76	9.9	1.9	5.9	-	13.4	20	-4.7	20	-	-	.54	-	.10	9	14	6	3	0	1	1	3	1	10	16	1	-	-	3.32	-	-	-	-	
	Santon Downham ...	99	80	10.5	0.3	5.4	-	14.4	20	-7.2	20	5.8	6.1	.77	51	.15	27	15	9	-	-	-	-	-	-	15	19	-	3.32	-	-	-	-	-		
	West Raynham ...	21-9	250	9.2	2.2	5.7	+0.3	12.4	20	-3.5	20	-	-	1.17	73	.21	27	16	10	5	1	2	3	4	1	7	16	1	3.97	-	-	-	-	-		
	Cromer ...	99	178	9.2	2.9	6.1	+0.3	12.8	6	-2.2	26	-	-	.79	50	.23	26	16	7	-	-	-	-	-	-	0	1	12	-	3.61	90	-	-	-	-	
Suffolk	Sproston ...	99	93	9.6	2.3	5.9	+0.2	13.3	20	-3.3	20	5.8	-	.95	62	.34	2																			

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

MARCH.

1966

DISTRICT, COUNTY AND PLACE		Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (feet)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days										BRIGHT SUNSHINE				
					MEANS OF		Mean Temperatures (Mean of A & B)	Difference from Average	HIGHEST MAXIMUM AND LOWEST MINIMUM																						
					A Max.	B Min.			Maximum	Date	Minimum	Date																			
													1 ft.	4 ft.	Total fall (inches)	Per cent of Average	Amount (inches)	Most in a Day	Precip'n (0.2mm or more -0.1in (1.0mm) or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost†	Grass min. below °C	Gale	Daily Mean (hr.)	Per cent of Average	Exposure
4 MIDLAND COUNTIES																															
Yorks.,	Slaidburn ...	9 9	629	8.6	2.5	5.5	-	12.2	15	-2.8	19	-	-	3.93	-	.66	9	22	16	4	1	0	2	0	1	4	12	0	3.11	-	-
W. Riding	Malham Tarn ...	9 9	1297	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Huddersfield \$	9 9	325	9.8	3.9	6.9	+1.7	12.8	19	-1.7	13,19	5.6	5.8	1.61	-	.54	26	16	12	-	0	-	-	-	0	3	12	-	2.94	120	-
	" Oakes	21-9	762	8.8	2.8	5.8	+0.9	11.3	8	-2.6	25	5.1	5.3	2.20	88	.62	26	18	14	3	2	0	5	2	0	5	11	2	3.26	111	-
	Bradford €	9 9	439	9.1	3.2	6.1	+1.1	11.7	2,19	-1.7	19,25	5.2	5.2	1.36	64	.49	26	16	11	5	0	3	0	0	0	4	12	1	-	-	8
	Ilkley ...	9 9	315	10.0	3.4	6.7	+1.6	12.8	2,3,19	-3.3	19	-	-	1.33	57	.35	26	16	11	2	0	1	0	0	0	3	-	0	4.00	130	-
	Sheffield ...	9 9	429	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Wakefield ...	9 9	121	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Pontefract ...	9 9	255	9.8	3.5	6.7	+1.3	11.7	2,10,15	-1.1	25	-	-	.69	50	.25	26	7	5	2	0	1	0	1	0	2	4	0	-	-	-
	Bramham ...	9 9	177	10.2	2.7	6.5	-	12.2	2,15,31	-1.7	19,20	-	-	.70	38	.28	26	10	4	3	0	0	0	1	0	7	15	0	3.37	-	-
	Cawood ...	9 9	20	10.3	2.9	6.6	-	13.3	21	-2.8	20	5.6	5.8	.67	47	.28	2	8	3	0	0	0	0	1	0	5	11	1	3.87	-	-
	Askham Bryan ...	9 9	110	10.3	3.1	6.7	-	12.8	31	-2.2	20	-	-	.73	47	.19	2	11	6	0	0	0	0	0	0	5	18	0	4.43	140	-
Derby	Buxton ... €	9 9	1007	7.2	2.2	4.7	+0.7	10.6	5	-2.8	13	3.6	4.8	3.98	138	1.59	26	20	14	5	2	0	0	0	4	6	6	4	-	-	-
	Chapel en le Frith	9 9	732	8.8	2.3	5.5	-	12.2	19	-3.3	13,25	-	-	2.57	-	.58	26	22	14	2	-	0	0	0	3	5	13	1	-	-	-
	Derby ...	9 9	159	10.1	3.4	6.7	-	12.2	5,10,20	-1.7	13,20	-	-	1.20	-	.31	2	12	8	1	0	0	0	0	0	3	11	0	3.55	-	-
	Morley ...	9 9	350	9.6	2.7	6.1	-	11.7	20	-1.1	13,20,25	-	-	1.27	59	.38	2	14	9	2	0	0	1	0	-	5	14	1	3.50	-	-
	Chesterfield ...	9 9	298	10.2	3.3	6.7	-	15.0	7	-1.7	13,20	-	-	1.56	-	.43	2	9	7	5	0	0	0	0	2	4	-	0	-	-	-
Nottingham	Sutton Bonington	9 9	157	9.9	2.8	6.3	+0.7	12.2	5,16,20	-2.8	20	5.9	6.4	1.00	70	.22	3	11	8	1	0	0	0	1	0	4	21	1	3.69	112	-
	Watnall ...	21-9	385	9.6	2.9	6.3	+0.7	11.7	20,21	-1.7	13	-	-	1.35	78	.41	2	12	7	4	0	2	1	0	0	6	16	0	3.07	94	-
	Nottingham T.C.*	9 9	169	10.8	2.8	6.8	-	16.1	17,22	-2.2	13	-	-	1.12	-	.46	27	11	7	-	-	-	-	-	1	4	14	-	3.27	-	-
	Mansfield ...	9 9	362	9.7	3.1	6.4	+0.8	15.0	14	-1.1	25	5.7	-	1.25	71	.51	2	9	6	2	0	0	0	0	0	2	-	0	-	-	-
	Nottingham ¶\$	9 9	192	10.4	3.3	6.9	+0.9	12.8	16,17,20	-0.5	13,20	5.7	5.8	.86	59	.20	27	9	9	2	0	0	0	0	0	2	10	0	3.44	116	-
	Warsop ...	9 9	150	10.3	2.6	6.5	-	12.8	5,20	-4.4	20	-	-	.75	51	.30	2	8	4	0	0	0	0	0	0	6	20	0	3.43	-	-
Leicester	Finningley ...	21-9	34	10.7	3.6	7.1	+1.3	13.1	21	-2.5	20	-	-	.59	-	.30	2	9	3	4	0	0	0	0	0	2	7	0	3.55	-	-
	Newtown Linford	9 9	392	9.8	2.1	5.9	-	12.8	16,20	-2.2	13,20	-	-	.84	-	.20	2	11	7	2	1	1	0	0	0	7	15	0	3.21	-	-
	Caldecott ...	9 9	175	10.5	1.6	6.1	-	13.3	2,5	-6.7	20	-	-	.38	-	.08	26	10	5	-	0	-	-	-	0	11	18	-	3.66	-	-
Northampton	Bugbrooke Mills	9 9	228	9.9	1.6	5.7	-	12.8	16,20	-7.2	20	5.9	6.6	.41	-	.10	25,28	9	4	1	0	0	0	0	0	8	-	0	3.59	-	-
	Raunds ... €	9 9	198	10.4	2.1	6.3	-	14.4	20	-4.4	20	6.1	6.4	.36	25	.07	26,27	9	6	4	0	1	0	0	0	6	19	1	3.45	-	-
Warwick	Wittering ...	21-9	212	10.2	2.6	6.4	+0.7	13.4	20	-3.4	20	-	-	.44	-	.13	27	10	4	4	0	0	2	0	0	5	15	2	3.95	-	-
	Birmingham K.E.S.**	9 9	450	9.6	3.1	6.3	-	12.8	20	-1.1	25	-	-	1.46	-	.46	2	13	11	8	1	2	0	0	0	2	-	2	-	-	-
	Edgbaston ¶\$	21-9	536	9.4	3.7	6.5	+0.6	13.3	20	-1.5	25	6.2	7.2	1.37	73	.40	2	15	10	5	2	6	0	0	0	2	11	0	3.29	104	-
	Luddington ...	9 9	138	10.4	2.4	6.8	-	13.3	20	-4.4	20	-	-	.86	60	.24	2	14	8	5	2	0	0	0	0	7	17	3	4.22	-	-
	Stratford on Avon	9 9	160	10.8	1.6	6.2	-	13.9	16,20	-5.0	20	6.6	-	.91	57	.29	2	13	8	2	1	2	0	0	0	9	17	0	3.81	-	-
	Elmdon ...	21-9	319	9.9	2.8	6.3	+0.7	12.8	20	-5.9	20	-	-	1.38	82	.59	2	12	8	5	1	2	2	0	0	5	15	1	3.34	-	-
	Shipston on Stour	9 9	365	10.0	2.4	6.2	-	12.8	10,20	-3.3	25	6.0	-	.74	-	.19	2	13	6	3	1	1	0	1	0	5	19	-	3.92	-	-
	Wellesbourne ...	9 9	153	10.1	2.2	6.1	-	13.3	16	-3.9	20	6.1	6.5	.90	57	.19	28	16	7	3	1	1	0	0	0	6	17	1	3.46	-	-
	Moreton Morrell	9 9	280	10.0	2.5	6.3	-	12.8	16,20	-2.2	20	-	-	.78	-	.21	28	13	7	4	1	0	0	0	0	5	19	0	3.48	-	-
	Coventry ...	9 9	338	10.1	2.6	6.3	+0.6	13.3	20	-2.2	20	6.1	6.3	1.05	65	.44	2	11	7	2	-	0	0	0	0	3	-	1	-	-	-
	Rugby ...	9 9	385	9.9	2.4	6.1	+0.5	13.3	20	-2.2	20	5.2	6.2	.86	-	.21	11	11	5	2	0	0	0	0	0	6	13	1	-	-	-
Oxford	Oxford ¶\$€	9 9	208	10.7	3.2	6.9	+0.5	13.9	20	-3.9	20	6.5	7.0	.39	23	.10	28	7	5	4	0	2	0	0	0	3	14	0	3.92	101	-
Buckingham	Medmenham	9 9	98	11.2	1.1	6.1	-	15.0	20	-6.1	20	-	-	.46	-	.09	28	11	6	-	-	-	-	-	12	19	-	-	-	-	
	Grendon Underwood	9 9	220	10.5	1.0	5.7	-	14.4	20	-5.6	20	6.2	6.7	.59	-	.17	11	9	6	4	0	0	0	0	-	12	18	0	3.64	-	-
	Aylesbury ...	9 9	316	9.9	1.7	5.8	-	12.8	16,20	-4.4	20	-	-	.59	37	.26	26	5	4	4	0	3	1	0	0	8	23	1	3.61	-	-
Stafford	Bletchley ...	9 9	281	10.3	2.3	6.3	-	13.9	16,20	-3.3	21	-	-	.61	-	.18	28	11	7	3	0	0	4	0	0	5	-	0	-	-	-
	Keele ...	9 9	587	8.7	2.4	5.5	-	12.2	5																						

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

MARCH,

1966

DISTRICT, COUNTY AND PLACE	Terminal hr. GMT of Observation	Height of Station above MSL (feet)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days										BRIGHT SUNSHINE									
			MEANS OF		Mean Temperature (Mean of A & B)	Difference from Average	HIGHEST MAXIMUM AND LOWEST MINIMUM				1 ft.	4 ft.	Total fall (inches)	Per cent of Average	Most in a Day	Precip'n (0.2mm or more)	-0.1in (1-0mm) or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frosty	Grass min. below °C	Gale	Daily Mean (hr.)	Per cent of Average	Exposure					
			A Max.	B Min.			Maximum	Date	Minimum	Date																								
ENGLAND, S.E.—cont.																																		
Kent	Survey	21-9	192	10.9	1.6	6.3	+0.2	13.9	20	-4.7	20	-	-	.75	-	.14	28	13	8	4	0	2	1	0	1	12	22	1	4.13	-	-			
	Oatwick	99	150	10.9	2.8	6.9	+0.6	13.9	20	-3.9	20	6.7	7.4	.46	28	.09	3	12	6	5	0	0	2	0	0	6	18	1	3.79	103	-			
Kent	Mickleham	99	179	10.8	1.2	6.0	-	13.9	20	-5.0	20	-	-	.47	25	.08	28	12	6	2	0	1	0	0	0	12	27	1	-	-	-			
	Swanley	99	177	11.1	2.4	6.7	-	13.3	20	-2.8	14, 21	7.1	-	.55	-	.25	26	11	3	3	0	0	0	0	-	8	17	-	3.70	-	-			
	Dartford	99	17	11.4	2.7	7.1	-	13.9	6, 7, 20	-2.8	20	-	-	.46	33	.15	26	12	4	4	0	0	0	1	0	4	-	1	-	-	-			
	Gillingham	99	14	11.3	3.5	7.4	-	13.9	20	-2.2	14	-	-	.49	32	.14	28	10	6	3	0	0	0	0	0	1	-	0	3.99	-	-			
	Isle of Grain	99	9	11.5	4.3	7.9	-	13.9	6	1.1	25	-	-	.44	-	.14	28	9	4	2	0	0	0	0	0	5	1	4.05	-	-	-			
	Dungeness	21-9	10	9.9	2.9	6.4	+0.6	12.5	15	-3.1	21	-	-	.75	50	.29	26	12	6	3	0	0	0	0	2	8	-	1	-	-	-			
	Whitstable	99	9	10.8	3.9	7.3	-	13.9	17	-2.8	14	-	-	.38	28	.10	8	11	4	1	0	1	0	0	0	1	-	2	4.52	-	-			
	Folkestone	99	128	10.3	3.3	6.8	-	12.2	9, 15, 27	-0.5*	25	-	8.3	.78	50	.24	26	13	6	4	0	0	1	0	0	2	7	1	5.08	-	-	-		
	Elmstone	99	28	10.6	2.5	6.5	-	13.9	6	-2.2	14, 26	-	-	.37	-	.10	8	9	4	-	-	-	-	0	3	10	-	-	-	-	-			
	Herne Bay	99	21	10.6	4.3	7.5	-	13.3	3, 7, 17	0.0	14	-	-	.29	21	.08	8	9	3	2	0	1	0	0	0	0	0	1	-	4.50	-	-		
	Dover	99	19	10.6	3.9	7.3	+1.0	12.8	15, 27	-0.5	14	7.9	7.9	.88	49	.25	26	14	9	3	0	0	0	0	0	0	1	6	1	4.64	-	-		
	Sussex	Deal	21-9	18	10.5	3.8	7.1	-	13.3	16	-0.4	8, 14	-	-	.46	-	.11	8	9	4	3	0	0	0	0	1	2	8	0	-	-	-	-	
Manston		21-9	145	10.0	3.0	6.5	-	12.5	6	-2.1	14	-	-	.24	-	.10	8	7	2	3	0	1	1	0	0	4	12	1	-	-	-	-		
Ramsgate		99	80	10.3	3.9	7.1	-	12.8	17	0.0	25	-	-	.25	19	.10	8	5	3	2	0	0	0	0	1	1	-	1	4.44	103	-	-		
Margate		99	51	9.7	4.7	7.2	+0.7	12.2	3, 6	0.0	25	7.0	7.7	.25	20	.10	8	7	3	2	0	0	0	0	1	1	5	1	4.34	97	-	-		
West Malling		21-9	304	10.3	2.0	6.1	-	13.0	8	-2.7	26	-	-	.49	-	.10	23	11	5	4	0	0	0	0	1	20	0	-	4.71	-	-	-		
Goudhurst		99	280	10.7	2.2	6.5	-	13.3	5, 8, 12	-3.3	14	-	-	.74	35	.35	26	10	5	3	0	1	0	0	1	9	16	0	-	-	-	-		
East Malling		99	122	10.5	2.5	6.5	+0.6	13.3	8	-3.3	14	6.6	7.3	.47	29	.10	28	10	6	4	0	0	0	0	1	6	13	1	4.28	111	-	-		
Sittingbourne		99	224	10.7	2.7	6.7	-	13.9	23	-2.2	14	6.7	7.1	.61	29	.11	28	10	7	3	1	0	0	0	0	1	4	17	0	4.46	-	-		
Faversham		99	157	10.3	2.6	6.5	-	12.2	3, 8, 21	-2.8	14	6.9	7.2	.57	-	.12	28	13	4	3	0	0	0	0	0	6	14	1	4.60	-	-	-		
Wye		99	185	10.4	2.1	6.3	+0.3	13.3	8	-3.3	14	6.6	-	.70	36	.14	26	11	7	3	0	1	0	0	1	8	19	1	4.27	101	-	-		
Thorney Island		21-9	10	10.8	3.5	7.1	+0.6	13.4	5, 21	-1.7	20	-	-	.54	31	.11	2	11	5	3	0	0	1	1	2	2	18	0	4.52	-	-	-		
Berkshire		Bognor Regis	99	24	10.0	3.5	6.7	+0.5	12.8	9	-1.7	25	-	8.3	.87	46	.21	2	12	7	3	0	0	0	0	0	2	10	1	4.77	110	-	-	
	Fernhurst	99	188	10.5	1.8	6.1	-	13.3	20, 21	-5.0	20	6.7	-	.82	36	.27	26	10	6	2	-	0	1	0	-	9	25	0	4.40	-	-	-		
	Littlehampton	99	15	10.6	3.2	6.9	+0.5	13.9	4, 9	-0.6	13, 20, 26	-	8.0	.79	44	.17	26	9	7	3	0	1	0	0	0	4	-	0	4.81	110	-	-		
	Rustington	99	10	10.3	2.8	6.5	-	12.8	9	-2.2	20	-	7.4	.80	-	.20	26	8	5	-	-	-	-	6	20	-	-	4.34	-	-	-			
	Worthing	99	25	10.3	3.7	7.0	+0.6	12.8	27	-0.6	25	7.3	7.8	.73	42	.20	26	11	5	2	0	0	0	0	0	1	13	1	4.61	102	-	-		
	Brighton	99	32	10.1	4.1	7.1	-	12.2	4, 9, 15	0.0	25, 29	-	8.3	.24	26	-	-	-	2	0	0	1	0	0	1	15	2	4.54	103	-	-	-		
	Plumpton	99	250	9.9	3.6	6.7	-	12.2	9, 21	-1.1	25	-	-	1.15	-	.33	26	11	7	-	0	-	-	-	3	2	11	-	-	-	-	-		
	East Grinstead	99	400																															
	East Hoathly	21-9	130	10.7	2.0	6.3	-	13.0	9	-3.4	14	-	-	.59	-	.19	26	11	3	3	0	0	2	0	2	11	19	0	4.14	-	-	-	-	
	Eastbourne	99	23	10.2	4.4	7.3	+0.9	12.2	4, 9, 15	0.0	14	7.8	8.7	.81	41	.30	26	9	5	1	-	0	0	0	0	0	10	1	4.81	106	-	-	-	
	Hampshire	Eastbourne C'Guard	21-9	10	10.7	3.6	7.1	-	14.7	27	-1.5	14	-	-	.76	39	.30	26	7	4	1	0	0	0	0	0	1	3	13	4	-	-	-	-
		Bexhill	99	14	10.1	3.5	6.8	+0.5	12.8	9	-0.6	14	7.4	-	.81	45	.28	26	7	7	1	0	0	1	0	2	4	11	1	4.43	102	-	-	-
Bodiam		99	73	10.8	2.2	6.5	-	13.3	8	-3.3	14	6.9	7.4	.73	37	.26	26	10	7	2	0	0	0	0	0	10	15	1	3.92	-	-	-		
Hastings		99	149	9.9	3.6	6.7	+0.3	12.2	9	0.0	25	7.3	8.1	.68	38	.22	26	11	6	-	0	-	-	-	2	0	10	-	4.39	98	-	-	-	
Letcombe Regis		99	350																															
Abingdon		21-9	228	10.5	2.2	6.3	0.0	13.8	20	-5.1	20	-	-	.35	23	.12	28	10	3	4	0	5	0	0	0	9	17	0	3.95	-	-	-	-	
Compton		99	339	10.7	(1.9)	(6.3)	-	13.9	20	-6.1	20	(7.1)	-	.64	-	.24	28	10	7	-	-	-	-	-	(9)	(19)	-	-	-	-	-	-		
Wallingford		99	157	10.8	1.5	6.1	-	13.9	20	-6.1	20	6.7	7.2	.38	-	.12	26	8	3	4	0	0	0	-	-	12	27	0	4.04	-	-	-	-	
Shinfield		99	200	10.8	2.6	6.7	+0.5	14.4	20	-4.4	20	-	-	.50	30	.12	28	11	6	-	-	-	-	-	1	7	20	-	3.45	-	-	-		
Reading		99	148	10.8	3.1	6.9	+0.3	14.4	20	-3.3	20	6.8	7.1	.51	30	.14	28	10	5	4	0	0	4	0	0	2	22	1	4.20	-	-	-	-	
I. of Wight		Reading S.T.G.*	99	141	10.8	2.7	6.7	-	14.4	20	-5.0	20	-	-	.47	29	.12	28	8	5	-	-	-	-	0	4	17	-	-	4.				

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

MARCH,

1966

DISTRICT, COUNTY AND PLACE		Terminal hr. GMT of Observation	Height of Station above MSL (feet)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days												BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
				MEANS OF		Mean Temperatures (Mean of A & B)	Difference from Average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (inches)	Per cent of Average	Amount (inches)	Date	Precip'n (0.01 in (0.2mm) or more)	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frosty	Grass min. below °C	Gale	Daily Mean (hr.)	Per cent of Average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
				A Max.	B Min.			Maximum	Date	Minimum	Date																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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7a ENGLAND, N.W.—cont.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

MARCH,

1966

DISTRICT, COUNTY AND PLACE		Terminal hr. GMT of Observation	Height of Station above MSL (feet)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EASTW. TEMPERATURES °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days												BRIGHT SUNSHINE			
				MEANS OF		Mean Temperatures (Mean of A & B)	Difference from Average	HIGHEST MAXIMUM AND LOWEST MINIMUM				1 ft.	4 ft.	Total fall (inches)	Per cent of Average	Amount (inches)	Date	Precip'n		Snow or Sleet	Snow lying at 9 hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9 hr.	Air Frost	Grass min. below °C	Cale	Daily Mean (hr.)	Per cent of Average	Exposure
				A Max.	B Min.			Maximum	Date	Minimum	Date							-0.1 in (0.2 mm) or more	-0.1 in (1.2 mm) or more												
8b ENGLAND, S.W. - cont.																															
Devon	Hartland Point ...	21-9	298	9.0	6.1	7.5	-	10.8	23	0.3	25	-	-	1.75	78	.87	2	9	7	1	0	1	2	0	0	0	0	4	4.85	112	-
	Mount Batten ...	21-9	87	10.7	4.7	7.7	+0.4	14.6	18	0.0	20	-	-	1.53	56	.64	2	11	4	2	0	1	2	0	0	2	0	14	1	4.71	110
	Plymouth, The Hoe	9 9	119	11.3	4.8	8.1	+0.5	15.0	18	0.8	20	8.3	8.9	1.80	66	.80	2	13	4	1	0	0	0	0	2	0	13	1	4.77	111	-
	Tavistock ...	9 9	457	10.9	3.0	6.9	0.0	14.4	18	-1.7	20	-	-	3.03	-	1.20	2	16	10	2	1	5	0	3	1	2	21	0	-	-	-
	Chivener ...	21-9	20	11.0	4.7	7.9	+0.2	13.7	19	0.0	19	-	-	1.20	54	.57	2	13	6	1	0	3	0	0	1	0	9	1	4.59	-	-
	Ilfracombe	9 9	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Princetown ...	9 9	1359	7.7	2.4	5.1	-	11.1	18	-1.1	25	-	-	5.97	101	2.56	2	16	15	-	-	-	-	-	-	1	11	-	-	-	-
	Totnes ...	9 9	120	-	2.4	-	-	14.4	18	-4.4	20	7.6	8.2	1.99	57	.95	2	13	8	2	0	1	2	1	1	4	20	2	5.07	-	-
	Slapton ...	9 9	104	11.6	3.7	7.7	-	13.3	5.14	0.6	20	-	-	1.74	-	.60	25	11	7	0	0	1	0	0	0	0	14	0	-	-	-
	Newton Abbot ...	9 9	272	11.4	3.4	7.4	+0.6	13.9	20	-1.7	20	-	-	1.44	50	.72	2	9	6	1	0	0	0	0	2	2	12	0	5.26	129	-
	Paignton ...	9 9	8	11.8	3.9	7.9	-	14.4	18, 21	-1.1	20	-	-	1.27	44	.47	2	11	9	1	0	0	0	0	0	1	9	1	5.02	126	-
	Torquay ...	9 9	26	11.6	4.2	7.9	+0.6	14.4	18	0.0	20	-	8.6	1.00	38	.35	2	9	5	1	0	0	0	0	0	1	3	1	5.56	130	-
	Teignmouth	9 9	20	11.4	4.6	8.0	+0.6	13.9	18, 21	0.0	20	-	-	.85	34	.28	2	10	6	1	0	1	0	0	2	0	2	1	5.35	128	-
	Starcross ...	9 9	29	11.4	3.8	7.6	-	13.9	21	-1.1	20	7.8	-	1.11	44	.47	2	12	7	-	0	-	-	-	2	1	17	-	5.46	-	-
	Exmouth ...	9 9	195	11.1	4.2	7.7	+1.1	12.8	18, 21, 26	0.0	20	-	-	.92	37	.33	2	11	7	1	0	1	0	0	2	1	-	1	5.28	128	-
Cornwall	Exeter ...	21-9	106	11.3	3.6	7.5	-	12.8	3	-1.5	20	-	-	.93	40	.34	2	12	7	1	0	2	0	1	2	3	15	3	4.67	-	-
	Soilly ...	21-9	158	11.6	7.3	9.5	+1.0	13.9	17	3.3	20	-	-	1.57	62	.53	25	14	6	0	0	0	0	0	0	1	4	5.54	132	-	
	Penzance ...	9 9	68	11.7	5.5	8.6	+0.3	12.8	17, 31	-0.6	20	-	-	1.91	60	.51	2	16	9	0	0	0	0	0	0	1	11	5	5.63	135	-
	Guilva ...	9 9	50	11.3	5.7	8.5	+0.5	12.8	17	1.1	20	-	-	1.71	57	.55	2	14	9	-	0	-	-	-	0	0	1	-	5.15	126	-
	Culdrose ...	9 9	268	10.8	4.5	7.7	-	12.2	16, 21, 26	-1.1	20	-	-	1.33	49	.58	2	10	6	0	0	2	1	0	2	2	9	3	5.30	-	-
	Rosewarne ...	9 9	250	10.6	5.5	8.1	-	12.2	17, 21, 21	0.6	20	7.9	8.7	1.64	57	.67	2	15	7	0	0	3	0	0	0	9	2	4.71	-	-	
	Lizard ...	9 9	240	10.8	5.3	8.1	+0.4	13.2	14	1.4	25	-	-	1.44	60	.66	2	12	6	0	0	1	0	0	-	0	-	3	5.89	-	-
	Falmouth	9 9	167	10.8	5.1	7.9	+0.1	12.2	5, 21, 26	0.6	20	-	-	1.73	55	.71	2	12	9	0	0	0	0	0	0	10	0	5.12	128	-	
	Newquay ...	9 9	176	10.6	5.9	8.3	+0.8	12.2	7	1.1	19, 20	-	-	1.22	53	.48	2	9	6	0	-	2	0	0	-	0	-	1	4.99	116	-
	St. Mawgan ...	21-9	337	10.3	5.2	7.7	-	12.3	19	0.7	17	-	-	1.48	57	.49	2	13	6	0	0	0	4	0	0	0	3	1	4.96	-	-
St. Austell ...	9 9	310	10.9	-	-	-	13.3	16	-	-	-	-	1.65	47	.53	2	10	7	0	0	2	0	0	2	-	0	-	-	-	-	
	Fowey ...	9 9	51	11.4	4.2	7.8	0.0	13.9	18	-1.1	20	-	-	1.43	-	.42	2	12	6	0	0	4	0	0	1	1	-	1	-	-	-
	Bude ...	9 9	50	10.5	5.2	7.9	-	12.2	7	-1.1	20	6.6	-	1.24	58	.58	2	13	6	-	0	-	-	-	1	-	-	4.44	102	-	
	Ellbridge ...	9 9	190	11.3	3.5	7.4	+0.3	14.4	18	-2.2	20	-	-	2.30	82	.97	2	14	8	2	0	5	0	0	3	2	16	1	4.43	103	-
9 NORTHERN IRELAND																															
Londonderry	Loughmore Forest	9 9	570	9.7	3.3	6.5	-	12.8	16, 18	-2.2	18	-	-	4.74	-	.60	26	25	22	3	2	0	0	0	0	2	11	0	-	-	-
	Ballykelly	21-9	6	10.4	4.9	7.7	+1.2	14.0	18	-1.8	18	7.2	6.9	3.48	159	.37	26	23	19	6	1	9	0	0	0	2	7	3	3.15	87	-
	Derrynoyd Forest	9 9	290	10.2	3.4	6.8	-	12.8	13	-2.8	25	-	-	4.71	-	.58	31	21	19	4	2	1	0	0	0	4	9	0	-	-	-
	Somerset Forest	9 9	140	10.3	3.9	7.1	-	12.8	6, 16	-0.5	18, 24, 25	-	-	4.63	-	.63	24	23	19	5	0	2	0	0	0	3	4	0	-	-	-
	Garvagh Forest	9 9	290	10.3	3.4	6.9	-	13.3	5, 16	-2.2	25	-	-	4.84	-	.72	26	24	21	5	1	5	0	0	0	4	8	0	-	-	-
Antrim	Moneydig	21-9	112	10.5	3.9	7.2	+1.4	13.6	16	-1.8	25	6.7	-	4.21	180	.76	24	24	19	6	2	7	1	0	0	2	10	1	-	-	-
	Portrush ...	-	80	-	-	-	-	-	-	-	-	-	-	4.07	189	.43	23	25	20	-	-	-	-	-	-	-	-	-	3.29	-	-
	Ballymoney ...	9 9	180	10.3	4.0	7.1	-	13.4	16	-0.6	25	-	-	4.42	-	.64	25	24	18	5	-	0	3	0	0	2	7	0	-	-	-
	Lisnafillan ...	9 9	194	10.9	2.7	6.5	-	12.2	2, 5	-2.8	18	-	-	4.13	-	.64	31	23	19	2	2	1	0	0	0	6	7	0	3.75	-	-
	Aldergrove	21-9	225	9.9	3.5	6.7	+0.8	12.4	18	-1.9	24, 25	6.5	6.8	3.35	148	.49	24	21	17	5	1	5	0	1	0	3	9	1	3.13	93	-
Down	Greenmount ...	9 9	105	10.1	3.7	6.9	-	12.2	2, 13, 18	-1.7	25	6.6	-	3.09	-	.55	31	21	18	3	1	0	0	0	-	4	11	-	-	-	-
	Altnahinch ...	9 9	742	8.1	2.6	5.3	-	10.5	2, 16, 20	-3.8	25	-	-	6.92	-	1.20	24	26	21	4	3	0	0	0	1	5	8	2	-	-	-
	Parkmore Forest	9 9	770	8.1	2.3	5.2	-	10.5	2, 5, 20	-3.3	25	5.1	-	7.81	-	.92	23	27	23	5	5	2	0	0	0	5	10	6	-	-	-
	Black Mountain	21-9	969	7.9	2.2	5.1	-	10.9	18	-4.8	27	-	-	3.31	-	.82	1	23	16	4	-	2	0	1	6	6	-	4	-	-	-
	Lowtown ...	9 9	890	8.1	2.2	5.1	-	10.0	2, 13, 20	-3.9	25	5.2	-	6.98	-	.94	24	25	22	6	2	2	0	0	0	4	9	0	3.41	-	-
	Ballypatrick Forest	9 9	500	9.0	3.0	6.0	-	11.7	2, 7, 20	-1.7	25	-	-	4.20	-	.39	9	26	22	4	2	4	0	1	0	4	4	0	3.33	-	-
	Newtownabbey ...	9 9	105	10.6	4.5	7.5	-	12.8	2, 6, 11	-1.1	25	6.9	-	4.16	-	.56	26	23	17	6	1	6	0	2	0	1	6	1	3.99	-	-
	Larne ...	9 9	140	11.1	3.7	7.4	-	12.3	9	-1.7	25	-	-	4.68	179	.75	26	23	18	4	2	3	0	0	0	1	-	0	-	-	-
	Kilroot ...	9 9	71	10.3	3.7	7.0	-	12.8	13	-2.2	2																				

TABLE III

—SUMMARY OF DAILY OBSERVATIONS

MARCH,

1966

DISTRICT, COUNTY AND PLACE		Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (feet)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days												BRIGHT SUNSHINE				
					MEANS OF		Mean Temperatures (Mean of A & B)	Difference from Average °	HIGHEST MAXIMUM AND LOWEST MINIMUM																								
					A Max.	B Min.			Maximum	Date	Minimum	Date	1 ft.	4 ft.	Total fall (inches)	Per cent of Average %	Amount (inches)	Most in a Day (date)	Precip'n (inches) -0.1in (0.2mm) or more -0.01in (1.0mm) or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below °C	Gale	Daily Mean (hr.)	Per cent of Average %	Exposure		
0 SCOTLAND, N.																																	
Zetland		99	70	6.5	2.7	4.6	-	9.4	4	-2.8	25	-	-	4.21	-	.94	26	24	21	12	5	9	0	0	0	6	-	14	2.76	-	-		
Hamnavoe		99	269	5.9	2.0	3.9	0.0	9.6	4	-5.0	31	-	-	5.51	154	.77	5	27	23	13	6	3	10	0	10	15	12	2.72	94	-	-		
Lerwick		¶	78	6.8	1.3	4.1	-	11.1	4, 5, 6	-2.8	26	4.3	-	5.72	155	.74	31	30	23	12	6	3	4	0	0	9	-	6	2.09	-	-		
Baltasound		99	43	7.1	4.2	5.7	-	9.3	7	-0.7	25	-	-	4.61	-	.66	26	26	21	3	0	9	0	1	0	3	8	8	-	-	-	-	
Orkney		99	75	7.7	2.8	5.3	-	11.1	2, 3, 7	-2.8	26	4.8	-	4.12	155	.61	5	26	18	7	4	0	4	1	0	7	11	10	2.72	-	-	-	
Stenness		99	110	7.6	2.4	5.0	-	11.1	3	-2.8	26	-	-	4.32	-	.70	21	24	17	-	-	-	-	0	7	14	-	2.80	-	-	-		
Evie		99	84	7.6	2.7	5.1	-	10.9	7	-3.3	26	-	-	4.36	163	.76	5	25	21	12	1	12	0	0	7	14	8	2.74	260	-	-		
Kirkwall		21-9	73																														
Caithness		99	119	8.2	2.4	5.3	+0.5	12.9	16	-2.9	25	-	-	3.18	176	.47	26	22	18	12	3	1	9	0	0	11	13	1	3.46	102	-	-	
Dounreay		¶	367	6.8	3.4	5.1	-0.2	10.5	2	-3.5	25	-	-	6.13	212	.63	6	30	26	7	3	5	0	0	0	4	6	8	2.22	-	-	-	
Wick		21-9	280	8.9	1.6	5.3	-	13.3	6	-2.8	4, 18, 25	4.4	4.3	6.60	234	.69	20	29	21	15	7	7	0	0	9	21	0	3.05	-	-	-	-	
Sutherland		99	120	8.3	1.8	5.1	+0.4	12.8	7, 16, 19	-2.2	18, 26	-	-	5.28	189	.57	10	27	21	14	4	5	1	0	2	10	-	0	2.44	76	-	-	-
Achnary		99	11	8.8	3.4	6.1	+0.4	12.0	15	-2.2	18	-	-	5.82	254	.53	29	28	24	10	1	5	7	0	7	13	3	2.93	84	-	-	-	
Strathay		¶	2	9.1	3.8	6.5	-	11.1	1	0.0	24, 29	-	-	8.75	-	1.16	6	30	29	1	2	0	0	0	0	-	0	-	-	-	-	-	
Ross & Cromarty		99	20	8.8	3.9	6.3	-	12.2	1	-1.7	25	-	-	10.27	260	1.52	5	27	27	-	-	-	-	0	1	10	-	2.13	-	-	-	-	
Balmacara		99	53	7.6	3.4	5.5	-	10.4	2	-2.1	24	-	-	-	-	-	-	-	3	1	0	0	0	0	3	4	1	-	-	-	-	-	
Poolewe		99	45	8.4	2.8	5.6	-	12.2	1	-1.7	25, 26	5.5	-	7.08	-	1.40	5	27	27	-	-	-	-	-	4	-	-	-	-	-	-	-	
Rudh Re		99	220	8.1	2.2	5.1	-0.1	10.6	15	-1.7	18, 24	-	-	14.95	268	1.63	9	30	28	8	8	0	0	0	7	-	0	-	-	-	-	-	
Inverpolly		99	76	8.9	3.2	6.1	-	12.2	1, 3	-1.7	25	5.0	-	13.60	250	1.26	9	30	30	9	5	5	0	2	1	5	8	1	1.35	-	5	-	-
Achnashellach		99	15	8.4	3.5	5.9	+0.5	11.7	1, 15	-1.7	25	-	-	2.40	161	.32	10	22	15	3	4	0	0	0	4	-	0	-	2.49	71	-	-	-
Kinlochewe		¶	60	8.6	3.3	5.9	-	12.0	2, 16, 19	-1.0	25	-	-	2.24	193	.33	29	21	16	7	0	0	0	0	2	-	1	-	-	-	-	-	
Fortrose		21-9	19	8.5	4.4	6.5	+0.5	10.8	15	-2.4	25	-	-	5.85	233	.98	6	28	20	3	2	3	8	0	2	6	5	3.02	-	-	-	-	
Tarbatness		99	15	9.2	4.0	6.6	-	11.7	1	-1.1	25	6.4	6.3	12.20	212	1.94	1	30	29	7	2	5	4	1	0	1	7	7	-	-	-	-	
Benbecula		21-9	220	8.2	3.2	5.7	-	11.1	15	-2.2	25	-	-	10.35	225	1.93	5	30	28	6	3	0	10	2	0	6	11	7	2.26	-	-	-	-
Isle of Rhum		99	294																														
Prabost		99	48	8.7	3.1	5.9	+0.2	11.1	1, 10, 15	-2.8	25	-	-	10.34	190	1.20	9	30	28	5	3	0	0	0	3	4	11	0	2.15	71	5	-	-
Duntulm		¶	27	8.8	3.4	6.1	-	12.2	1, 15	-1.7	18, 25, 29	5.8	6.1	8.52	-	.86	9	29	25	6	2	0	1	0	0	6	8	0	1.49	-	5	-	-
Onich		99	70	8.6	2.6	5.6	+0.3	11.7	15	-3.3	25	-	-	5.90	-	.60	26	27	24	6	4	0	0	0	6	-	0	1.60	-	-	-	-	-
Fort William		99	350	8.9	0.9	4.9	-	12.2	6	-3.3	25	-	-	5.48	186	.57	20, 23	27	24	7	7	2	0	0	0	11	23	1	-	-	-	-	-
Fort Augustus		99	13	9.4	3.1	6.3	-	12.2	1, 7, 15	-1.7	25	-	-	2.63	191	.52	10	20	15	5	3	0	0	0	3	10	0	2.59	-	-	-	-	-
Cannich		99	2500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Inverness		99	3575	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Coire Cas Shieling		99	1000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cairngorm		99	1120	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Achnagoichan		99		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Glenmore Lodge		99		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1 SCOTLAND, E.																																	
Nairn		¶	20	9.3	2.8	6.1	+0.8	12.8	5, 7	-2.2	13	-	-	1.98	143	.35	20	20	16	3	0	0	0	0	5	14	0	2.93	80	-	-	-	-
Forres		99	155	9.2	1.9	5.5	-	13.3	5, 6	-2.8	13	4.9	4.4	2.46	185	.49	20	23	14	7	3	1	0	0	0	10	10	0	2.78	76	-	-	-
Moray		21-9	15	9.6	2.9	6.3	-	14.2	6	-3.2	13	4.8	-	2.67	209	.46	20	20	14	11	2	0	12	0	7	15	2	2.82	-	-	-	-	-
Kinloss		99	50	9.6	3.0	6.3	-	14.4	5	-2.2	26	-	-	3.13	228	.49	20	16	15	4	4	0	0	0	4	10	0	3.20	-	-	-	-	-
Elgin		99	21	9.0	2.4	5.7	+0.5	13.3	5, 7	-2.2	13	-	-	2.48	181	.45	29	17	16	7	2	2	5	0	6	19	1	-	-	-	-	-	-
Lossiemouth		99	104	9.5	3.4	6.5	+1.2	15.0	5	-1.7	25	-	-	2.91	172	.43	29	19	15	-	2	-	-	-	3	-	-	2.79	79	-	-	-	-
Gordon Castle		99	706	8.0	2.1	5.1	-	12.8	18	-3.2	13	-	-	3.18	-	.58	29	21	17	12	5	0	0	0	1	9	21	0	2.87	-	-	-	-
Banff		99	80	8.7	3.6	6.1	-	13.9	7	-0.6	25, 26	-	-	3.19	-	.46	29	20	16	9	1	4	0	0	0	2	-	8	2.95	-	-	-	-
Aberdeen		99	1113	7.1	1.2	4.1	+1.3	11.1	15, 18	-3.9	13, 25	-	-	1.99	89	.30	23	24	12	-	6	-	-	-	0	9	15	-	3.74	-	5	-	-
Braemar		99	927	7.9	0.5	4.2	+1.2	11.7	18	-3.9	13, 25	-	-	2.08	101	.41	27	19	12	11	8	0	0	0	-	17	21	0	-	-	-	-	-
Balmoral		99	580	9.1	1.8	5.5	-	14.4	18	-3.8	25	4.3	-	1.44																			

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

MARCH,

1966

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (ft.)		Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Yards and Miles)							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	0-44 yds.	45-210 yds.	220-430 yds.	440-1,000 yds.	1,100-2,100 yds.	2,200-4,300 yds.	3-6 mi.	7-12 mi.	13-24 mi.	25 or over mi.	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	22-23	11-21	1-10	0											
Number of Observations																																									
4 MIDLAND COUNTIES —cont.		3	1018.4	-	5.2	1.2	7.3	81	4.2	11	3	0	10	7	0	0	0	0	0	0	4	12	10	3	2	0	0	10	18	3	1	0	0	1	6	3	11	6	6		
Finningley	46 ft.	9	1018.6	+3.5	6.8	1.7	7.5	75	5.0	3	5	5	12	6	0	0	0	0	0	2	2	15	8	4	0	0	0	13	15	2	2	0	0	1	5	5	11	6	2		
		15	1017.8	-	9.7	2.9	7.6	62	6.2	0	2	6	15	8	0	0	0	0	0	0	0	0	12	13	4	2	0	0	19	9	1	3	0	0	1	3	3	18	2	8	
		21	1018.5	-	6.5	1.5	7.6	77	4.4	4	8	5	6	8	0	0	0	0	0	0	0	3	24	4	0	0	0	1	12	16	2	1	0	0	1	6	3	15	3	3	
Northampton Wittering	219 ft.	3	1019.6	-	4.1	0.8	7.2	86	4.2	9	4	2	9	7	0	0	0	0	0	0	8	9	8	5	1	0	0	16	14	0	0	0	1	0	0	2	9	12	7	8	
		9	1020.0	+4.4	5.8	1.3	7.5	80	5.5	5	2	3	13	8	0	0	0	0	0	0	1	2	8	12	7	1	0	2	16	12	1	0	0	0	3	4	15	7	7		
		15	1018.9	-	9.5	2.9	7.6	63	6.2	0	1	7	16	7	0	0	0	0	0	1	0	2	13	12	3	0	0	16	8	0	3	0	1	0	0	4	16	7	7		
Warwick Edgbaston	542 ft.	3	1019.8	-	5.3	1.2	7.4	81	4.3	4	8	5	8	6	0	0	0	0	0	2	10	15	4	0	0	0	12	16	2	1	0	1	0	5	3	13	6	6			
		9	1020.7	+5.1	5.4	1.2	7.3	81	5.2	2	6	3	11	9	0	0	0	0	0	5	11	13	2	0	0	0	13	17	0	1	0	1	0	5	4	13	7	8			
		15	1019.8	-	8.5	2.4	7.5	67	5.9	0	3	7	14	7	0	0	0	0	1	0	9	7	13	1	0	0	2	18	11	0	1	0	1	0	3	4	14	8			
Elmdon	362 ft.	3	1020.5	-	6.2	1.6	7.3	77	5.0	3	3	12	4	9	0	0	0	0	0	3	8	13	6	1	0	0	2	9	20	0	2	0	0	1	7	11	10	10			
		9	1020.5	-	4.4	0.7	7.5	89	4.9	6	4	2	12	7	0	0	0	0	1	5	12	10	3	0	0	0	2	9	18	0	2	0	0	3	10	7	8				
		15	1020.6	-	5.8	1.3	7.5	81	5.8	3	1	6	9	12	0	0	0	0	0	1	10	14	6	0	0	0	3	12	16	2	1	0	1	0	3	5	12	7			
Shropshire Shawbury	249 ft.	3	1019.8	-	8.9	2.5	7.7	67	6.6	0	1	5	15	10	0	0	0	0	1	1	16	13	0	0	0	0	3	19	9	0	3	0	0	1	7	12	8	9			
		9	1020.6	-	6.0	1.4	7.4	78	4.8	2	6	8	11	4	0	0	0	0	2	12	15	2	0	0	0	0	12	16	2	2	0	0	0	2	6	10	9	9			
		15	1020.2	-	4.5	0.9	7.4	87	5.3	2	4	7	6	12	0	0	0	1	0	2	2	4	22	0	0	0	1	12	16	2	2	0	0	0	4	5	16	4			
Worcester Persore	117 ft.	3	1020.4	-	6.3	1.2	7.9	82	5.5	1	4	8	11	7	0	0	0	0	0	2	3	7	15	4	0	0	14	12	4	1	0	0	0	6	3	13	4	4			
		9	1019.7	-	9.2	2.4	8.0	68	6.4	0	0	8	16	7	0	0	0	0	0	0	4	7	10	10	0	0	4	18	8	1	2	0	0	1	3	2	13	9			
		15	1020.4	-	5.6	1.2	7.6	83	5.0	2	6	6	12	5	0	0	0	0	0	3	4	4	14	6	0	0	2	6	21	2	1	0	0	0	4	9	10	5			
Hereford Ross-on-Wye	226 ft.	3	1021.4	-	4.6	0.8	7.4	87	4.6	4	7	5	9	0	0	0	0	0	1	3	9	8	5	5	0	0	1	11	13	6	0	1	0	0	4	9	5	6			
		9	1021.2	-	6.4	1.3	7.8	81	5.5	1	7	3	10	10	0	0	0	0	2	1	4	15	5	4	0	0	15	13	2	2	0	1	0	2	9	11	4				
		15	1020.3	-	9.9	2.7	8.1	66	6.0	0	4	4	14	9	0	0	0	0	0	0	6	8	4	13	0	0	5	16	8	2	3	0	0	1	5	9	11	11			
Gloucester Filton	197 ft.	3	1021.1	-	6.3	1.3	7.8	80	4.5	7	3	5	10	6	0	0	0	0	0	1	9	8	4	9	0	0	2	9	16	4	2	1	0	0	2	7	9	6			
		9	1021.4	+6.0	6.2	1.4	7.6	80	5.3	2	8	1	8	12	0	0	2	0	0	0	2	4	7	11	5	0	1	8	20	2	2	1	1	0	4	11	8	2			
		15	1020.5	-	9.9	2.9	7.9	64	5.9	1	1	11	8	10	0	0	0	0	0	0	6	4	15	6	0	0	2	13	16	0	6	0	2	0	1	9	12	1	1		
Gloucester	79 ft.	3	1021.3	-	6.5	1.4	7.7	78	4.9	0	13	4	5	9	0	0	0	0	0	0	7	1	22	1	0	0	3	7	22	2	4	1	0	0	1	13	9	1			
		9	1022.1	-	5.1	0.8	7.8	88	4.3	7	4	5	6	9	0	0	0	0	1	3	11	15	1	0	0	0	4	20	6	0	1	0	0	2	10	12	0	4			
		15	1022.4	+6.8	6.7	1.2	8.2	83	5.2	1	7	6	6	9	2	0	1	1	1	0	4	6	8	10	0	0	0	11	16	4	0	1	0	1	4	8	9	4			
Little Rissington	751 ft.	3	1021.5	-	9.7	2.3	8.5	70	5.6	1	3	9	8	10	0	0	0	0	0	1	5	11	8	6	0	0	3	14	11	3	4	0	0	3	9	12	0	0			
		9	1022.1	-	6.8	1.1	8.3	83	4.6	6	4	6	9	6	0	0	0	0	0	4	9	15	3	0	0	0	1	9	19	2	2	0	0	3	8	12	4	1			
		15	1021.8	-	4.9	0.9	7.6	86	4.5	6	3	7	9	0	0	0	0	0	1	3	14	8	5	0	0	0	1	5	20	5	0	1	0	0	6	13	4	1			
5 ENGLAND, S.E.	86 ft.	3	1022.0	-	6.6	1.2	8.0	81	5.3	3	5	2	13	7	1	0	1	0	1	4	6	9	6	3	0	0	11	18	2	1	1	0	0	3	14	7	3	3			
		9	1021.0	-	10.4	3.1	8.2	64	6.4	1	0	7	14	9	0	0	0	0	0	3	5	6	9	8	0	0	2	13	15	1	4	0	0	4	8	9	5				
		15	1021.9	-	6.9	1.4	7.9	79	4.6	4	6	7	6	8	0	0	0	0	2	3	10	8	6	2	0	0	1	8	18	4	3	1	0	0	3	13	6	1			
Greater London Heathrow	34 ft.	3	1021.3	-	3.9	0.6	7.3	89	4.8	6	4	5	2	13	1	0	0	1	0	2	2	8	10	5	3	0	1	15	14	1	0	1	0	0	10	7	12	5			
		9	1021.5	+6.0	5.0	0.9	7.5	85	5.6	2	5	3	10	11	0	0	1	0	0	1	6	9	8	6	0	0	1	17	12	1	3	1	0	0	1	6	14	5			
		15	1020.4	-	8.4	2.5	7.4	67	6.3	0	2	5	14	10	0	0	0	0	0	0	1	12	9	9	0	0	2	18	10	1	1	2	0	0	6	15	6				
Surrey Gatwick	195 ft.	3	1021.4	-	5.2	1.1	7.4	82	4.5	5	6	5	6	9	0	0	0	0	1	1	7	11	4	7	0	0	1	16	12	1	1	5	0	0	5	11	7	7			
		9	1021.1	-	4.6	0.9	7.2	88	5.3	5	3	4	7	12	0	0	0	1	0	5	3	5	8	3	0	0	1	3	22	5	1	1	0	0	3	7	7	7			
		15	1021.9	-	5.6	0.9	7.8	85	5.0	2	8	2	13	6	0	0	0	1	0	4	1	9	9	2	5	0	1	12	13	5	2	0	0	1	7	8	8				
Kent Dungeness	42 ft.	3	1020.7	-	9.8	2.8	7.8	64	5.8	1	3	6	14	7	0	0	0	0	0	0	6	11	8	6	1	0	14	16	0	3	1	0	0	1	5	14	7	8			
		9	1021.4	-	5.6	1.0	7.8	84	4.8	3	7	4	9	8	0	0	0	0	0	5	12	7	4	3	0	0	1	5	20	5	2	0	0	3	9	8	4				
		15	1020.6	-	4.7	1.0	7.3	85	5.6	12	3	4	4	8	0	0	0	1	0	1	8	13	7	0	0	0	1	9	20	1	1	1	0	0	1	2	17	8			
Deal	34 ft.	3	1021.2	-	6.3	1.2	7.8	81	4.7	3	8	4	7	7	2	0	0	2	0	0	1	10	6	0	0	0	1	13	16	0											

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

MARCH,

1966

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (ft.)	Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Yards and Miles)					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	0-44 yds.	45-210 yds.	220-430 yds.	440-1,000 yds.	1,100-2,100 yds.	2,200-4,300 yds.	3-6 mi.	7-12 mi.	13-24 mi.	25 or over mi.	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	23-33	11-21	1-10	0									
																									Number of Observations													
7a ENGLAND, N.W. Cumberland Carlisle 92 ft. Westmorland Great Dun Fell Lancashire Squires Gate 35 ft. Speke 85 ft. Cheshire Ringway 251 ft.	3	1017.1	-	4.9	0.8	7.7	86	5.4	4	6	1	8	12	0	0	0	0	1	0	2	5	14	9	0	0	1	14	11	5	0	0	0	0	2	12	10	2	
	9	1017.0	-	6.1	1.2	7.7	81	6.1	0	2	7	15	7	0	0	0	0	0	0	3	4	10	9	5	0	0	3	12	13	3	0	0	0	2	10	12	2	
	15	1016.7	-	8.8	2.5	7.7	68	6.4	0	0	7	18	6	0	0	0	0	0	0	0	3	11	10	7	0	0	2	22	6	1	1	0	0	0	1	14	11	3
	21	1017.4	-	5.9	1.1	7.8	82	5.2	0	8	4	14	5	0	0	0	0	0	0	1	5	19	6	0	0	0	2	10	17	2	1	0	0	0	3	14	8	3
	3	-	-	-0.4	0.1	5.8	97	6.9	4	0	0	1	1	25	17	8	0	0	0	0	0	1	1	4	0	0	4	10	13	3	1	1	0	0	0	13	12	4
9	-	-	-0.1	0.1	6.0	97	7.0	2	0	3	2	2	22	7	15	0	0	0	0	0	0	1	7	1	5	9	14	2	1	1	0	0	0	1	11	12	5	
15	-	-	1.0	0.4	6.2	94	7.2	0	1	2	8	6	14	6	8	0	1	0	0	2	1	12	1	2	1	24	13	2	0	1	1	0	0	1	9	17	2	
21	-	-	0.3	0.2	6.0	96	7.2	3	0	0	1	2	25	12	13	0	0	0	0	0	0	2	4	0	2	8	18	2	1	0	1	0	1	1	10	13	5	
3	1018.6	+3.8	5.5	0.6	8.2	90	5.3	2	5	4	9	10	1	0	1	0	1	0	1	7	12	7	2	1	4	16	8	2	1	0	0	1	4	14	5	10		
9	1018.6	-	6.5	0.8	8.6	88	6.4	0	3	3	14	11	0	0	0	0	0	3	4	9	11	4	0	1	3	18	9	0	2	0	0	2	5	2	13	7		
15	1018.6	-	8.0	1.2	8.9	83	6.1	0	3	5	17	6	0	0	0	0	0	0	1	6	18	5	1	0	3	20	8	0	0	0	0	2	4	15	10			
21	1018.9	-	6.4	0.8	8.5	88	5.5	0	7	7	7	10	0	0	0	0	0	1	5	12	12	1	0	0	4	19	8	0	0	0	1	0	4	13	9	6		
3	1019.6	-	6.2	1.1	7.9	83	5.3	1	7	4	13	6	0	0	0	0	0	0	2	3	21	4	1	0	2	14	14	1	2	0	0	2	5	4	14	3		
9	1019.6	-	6.8	1.4	7.9	79	6.1	0	2	6	17	6	0	0	0	0	1	0	4	8	10	7	1	1	1	18	10	1	1	0	1	7	3	11	6			
15	1019.2	-	9.0	2.3	8.0	70	6.4	0	1	5	19	6	0	0	0	0	0	0	0	10	7	12	2	0	3	21	6	1	0	0	0	1	2	4	15	8		
21	1019.7	-	7.1	1.5	8.0	79	5.7	1	3	5	17	5	0	0	0	0	0	1	2	10	17	1	0	0	1	11	18	1	0	0	0	1	3	9	11	6		
3	1019.4	-	5.0	1.3	7.1	79	5.3	4	5	3	8	9	2	0	1	0	1	0	3	12	13	1	0	0	1	9	17	4	1	0	0	9	6	6	5			
9	1019.4	+4.5	6.1	1.7	7.1	74	6.1	0	5	3	12	11	0	0	0	1	2	6	10	12	0	0	0	0	3	13	13	2	1	0	0	0	8	4	11	5		
15	1018.9	-	8.7	2.9	7.0	62	6.4	0	0	7	17	7	0	0	0	0	0	1	12	11	7	0	0	0	2	21	7	1	1	0	0	0	4	2	16	7		
21	1019.6	-	6.3	1.7	7.2	75	5.5	3	2	6	15	5	0	0	0	0	0	2	7	13	9	0	0	1	5	22	3	0	0	0	1	6	7	9	5			
7b NORTH WALES Anglesey Valley 37 ft. Caernarvon Bardsey Island 63 ft.	3	1020.5	-	6.5	0.6	8.8	90	5.5	1	6	4	7	13	0	0	0	0	0	2	4	6	18	1	0	8	14	8	1	1	1	0	0	4	7	10	7		
	9	1020.5	+5.5	7.4	0.7	9.3	89	6.4	0	2	4	17	8	0	0	0	0	0	1	4	9	13	4	1	9	15	6	0	1	0	0	1	5	5	12	7		
	15	1020.4	-	8.8	1.3	9.3	82	6.1	0	2	8	13	8	0	0	0	0	0	0	5	5	11	10	1	7	17	6	0	1	0	0	0	6	7	8	9		
	21	1020.7	-	6.8	0.7	9.0	90	5.1	0	8	6	8	9	0	0	0	0	0	1	5	5	19	1	1	10	13	6	1	2	0	0	0	5	8	9	6		
	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
8a SOUTH WALES Cardigan Aberporth 382 ft. Pembroke Milford Haven C.B. 128 ft. Glamorgan Mumbles 123 ft. Rhoose 225 ft.	3	1021.7	-	6.2	1.0	8.1	85	4.9	6	5	2	7	11	0	0	0	0	1	0	1	11	17	1	0	3	9	14	5	3	0	0	0	8	5	6	4		
	9	1021.9	+7.6	6.9	1.1	8.4	83	6.0	0	6	3	9	13	0	0	0	0	1	0	1	3	5	17	4	0	1	16	11	3	1	0	0	0	5	6	9	7	
	15	1021.5	-	8.3	1.5	8.7	79	6.0	0	2	8	15	6	0	0	0	0	0	0	3	5	15	8	0	3	10	16	2	0	0	0	0	3	6	14	6		
	21	1022.0	-	6.6	1.0	8.3	85	5.1	1	5	5	11	9	0	0	0	0	0	0	1	2	5	18	5	0	4	9	13	5	2	1	0	0	5	7	10	4	
	3	1022.6	-	6.8	1.0	8.5	85	4.1	9	4	5	4	9	0	0	0	1	0	0	0	4	22	4	0	1	0	13	15	2	1	0	0	0	4	3	9	11	
9	1022.7	-	7.5	1.1	8.8	84	5.7	2	3	7	7	12	0	0	0	0	0	0	0	9	15	7	0	0	2	12	14	3	3	0	1	0	3	5	8	8		
15	1022.5	-	9.6	2.0	8.9	74	6.0	0	2	7	13	9	0	0	0	0	0	0	0	7	16	8	0	0	1	19	10	1	2	0	1	0	1	6	11	9		
21	1022.9	-	7.6	1.3	8.7	82	5.2	4	2	8	6	11	0	0	0	0	0	0	0	5	19	7	0	0	1	13	12	5	2	0	0	0	3	4	8	9		
3	1022.4	-	6.2	0.9	8.2	86	4.8	6	5	3	7	10	0	0	0	0	0	0	0	5	17	9	0	1	1	13	14	2	4	1	0	0	3	5	11	5		
9	1022.4	-	7.0	1.1	8.5	85	5.7	0	5	8	6	12	0	0	0	0	0	1	0	15	12	3	0	1	2	14	13	1	3	1	0	1	1	8	11	5		
15	1022.0	-	8.8	1.8	8.6	76	5.9	0	1	12	11	7	0	0	0	0	1	1	0	6	11	9	3	1	6	18	6	0	2	0	0	1	0	10	14	4		
21	1022.5	-	7.3	1.2	8.5	83	3.8	2	13	5	6	5	0	0	0	0	0	0	0	4	14	7	6	0	4	15	12	0	2	2	1	0	2	4	15	5		
3	1022.2	-	4.6	0.5	7.9	92	4.9	7	4	1	10	9	0	0	0	0	1	0	0	3	11	11	4	1	1	8	19	2	0	2	0	0	1	4	9	13		
9	1022.5	+7.0	6.7	0.8	8.6	89	4.8	0	11	4	7	9	0	0	0	0	0	1	2	5	9	12	2	0	5	10	14	2	3	0	1	0	3	4	7	11		
15	1021.8	-	9.0	1.6	9.0	78	5.9	0	1	10	13	7	0	0	0	0	0	0	0	4	6	12	9	1	4	16	10	2	0	0	0	1	3	0	17	10		
21	1022.3	-	6.2	0.8	9.1	89	4.7	3	5	8	8	6	1	0	0	1	0	0	1	4	5	17																

TABLE VIII—NUMBER OF DAYS IN MARCH, 1966
WITH MAXIMUM AND MINIMUM TEMPERATURES between given limits.

TABLE XIII—SOLAR RADIATION AND ILLUMINATION, MARCH, 1966

TABLE XIII—SOLAR RADIATION AND ILLUMINATION. — ADDITIONS AND CORRECTIONS

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Monthly Weather Report

OF THE METEOROLOGICAL OFFICE

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

Met.O. 775



Volume 83 Number 4

Published by HER MAJESTY'S STATIONERY OFFICE

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April 1966 — Dull and wet with snow at times

Weather was mainly cyclonic in character except during the last week of the month when ridges of high pressure moving eastward across the country gave short fine periods.

In Scotland the first four days were sunny but cold with northerly winds; further south, however, a shallow depression moving from south-west Ireland to the southern North Sea on the 1st and 2nd brought more than a foot of level snow to parts of north-west England and North Wales with drifts up to 5ft. deep. The 3rd and 4th were mainly dry, very cold and generally sunny as a ridge of high pressure moved eastwards across the country behind the depression, although rain persisted in parts of eastern England for much of the 3rd and further rain from the Atlantic reached western districts on the 4th.

About a week of mild rather wet weather followed as a series of troughs and depressions crossed southern and central England from the south-west. After two fairly wet days on the 5th and 7th, Good Friday, 8th, was mainly dry in south-east England though there was considerable rain in the west and more than an inch of rain was widely recorded on Easter Saturday. Easter Day, however, was sunny and warm over much of southern England though there were scattered thunderstorms. In Scotland weather remained cold, high pressure to the north of the country maintaining easterly winds throughout the week.

Temperature fell sharply on the 11th as the high pressure spread southwards and easterly winds became established over most of the country heralding about 10 days of wintry weather: in parts of the Midlands maximum day temperatures were about 10°C lower than the previous day. The easterly airstream brought scattered snow showers to eastern England on the 12th and 13th, but on the 14th troughs associated with a deep depression approaching from the Atlantic brought rain to the south-west and snow to most of the southern half of the country. The snow continued in most places for about 48 hours, covering the ground to a depth of 4-6 inches, but moved slowly northwards giving place to rain as temperatures, which had been near freezing point in many southern districts, slowly increased. Except for high level stations most of the snow had cleared by the 17th. Occasional light rain in southern England on the 17th became continuous and heavy at times during the night and continued with little break for about 72 hours as small depressions moved eastwards from south-west England to the Low Countries.

The cold spell finally came to an end on the 21st as a ridge of high pressure moved eastwards across the country. Winds, which had backed to the north-west the previous day, became light and variable for a time and then freshened from the south ahead of troughs of low pressure approaching the British Isles from the Atlantic. The day was generally sunny but more than an inch of rain fell in many places that night and also during the next day, but the 23rd was showery with good sunny periods and scattered thunderstorms in a south-westerly airstream.

The last week of the month was mainly dry and sunny, and it was very warm during the last three days. The generally showery weather continued on the 24th, but the next day was dry, sunny and warm as a ridge of high pressure moved eastward across the country. A belt of rain on the night of the 26th/27th following the ridge was associated with a deep depression moving northward to the west of the British Isles. On the 27th an anticyclone in our South-West Approaches increased rapidly in intensity behind the depression; it moved slowly north-eastwards across southern England during the last three days of the month. Very warm air from low latitudes moving round the anticyclone raised temperatures in parts of southern England to 22°C during the afternoon of the 30th.

Pressure and Wind—Mean pressure was everywhere below the average except in the Orkneys and Shetlands the deviation at 9hr. ranging from +1.5 mb. at Lerwick to -9.0 mb. at Scilly. Surface winds were north-westerly at first, mainly easterly from the 5th until the 19th, north-westerly on the 20th and then mostly between west and south-west during the remainder of the month. Wind reached gale force on

the 2nd, 4th, 5th, 11th, 13th-18th, 20th, 27th and 29th. Gales were widespread in Scotland on the 27th and 29th, and in England and Wales on the 14th. Gusts of 64 and 62 kt were recorded at Lowther Hill and Great Dunn Fell respectively on the 27th and of 57 kt at the Lizard on the 14th.

Temperature—Temperatures were well below the average especially during the day in the north-east part of the country—in Scotland it was the coldest April since 1922. As during January and February the coldest period was during the middle of the month and temperatures during the last few days of the month were well above the average.

Extremes included:—(England and Wales) 23.3°C at Stonyhurst on the 30th, -8.0°C at Great Dun Fell on the 14th; (Scotland) 22.5°C at Huntly on the 30th, -11.7°C at Cairngorm on the 14th; (Northern Ireland) 20.6°C at Ballykelly on the 30th, -6.1°C at Loughmore Forest on the 3rd.

Rainfall—In Scotland rainfall was less than 25 per cent of the average in parts of Sutherland and Caithness but more than twice the average around the Firth of Tay and locally in Berwick. In England and Wales and Northern Ireland it was above the average nearly everywhere except locally in Londonderry, Cumberland, Cardiganshire and Cambridgeshire; it was more than twice the average in north-east coastal areas of England, along the south coasts of England and Wales west of Brighton, over the whole of south-west England, around the Wirral, over the southern Pennines and in the London area.

Snow and sleet showers were reported in Scotland on the 1st and during the third week and ground was snow-covered over a wide area around the middle of the month. In England and Wales snow was reported at one place or another on the 1st-5th and 13th-20th (13 days); it was widespread on the 14th and 15th and lay to a depth of 3-6 inches in parts of southern England on both days.

Thunderstorms were fairly widespread in east and south Scotland on the 20th and 24th; in England and Wales they were widespread on the 10th in the south and Midlands and on the 23rd in the north-east.

Sunshine—It was a dull month except in the Northern Isles where Kirkwall had nearly three times its average sunshine and Lerwick its sunniest April since records began there in 1922. In England and Wales sunshine was mostly between 50 and 70 per cent of the average and ranged from 46 per cent at Cannington to 82 per cent at Scilly. Southampton had its dulllest April this century.

Fog—Fog was observed at one place or another on the 2nd, 6th-20th, 22nd, 23rd, 27th and 29th (20 days); it was widespread on the 8th.

Miscellaneous Phenomena—The aurora was visible in Scotland on 5 nights.

TABLE I—DISTRICT VALUES, APRIL, 1966

DISTRICTS	AIR TEMPERATURE					EARTH TEMP.		RAIN DAYS	RAIN-FALL	SUNSHINE
	*Highest Max.	*Lowest Min.	Max.	Min.	Mean	Mean 1 ft.	Mean 4 ft.			
	Difference from Average									
0 SCOTLAND, N.	16.5	-4.3	-1.7	-1.5	-1.6	-	-	-7	44	118
1 SCOTLAND, E.	19.4	-6.7	-3.0	-1.5	-2.3	-1.6	-1.1	-1	127	80
2 ENGLAND, N.E.	21.1	-1.7	-3.3	-0.6	-2.0	-1.5	-0.9	+6	190	59
3 ENGLAND, E.	21.1	-1.7	-1.6	+0.3	-0.7	-0.7	-0.5	+5	133	58
4 MIDLANDS	21.7	-1.4	-2.8	-0.3	-1.6	-1.1	-0.5	+7	182	57
5 ENGLAND, S.E.	21.1	-1.1	-1.1	+0.7	-0.2	-0.3	-0.1	+7	177	56
6 SCOTLAND, W.	17.5	-4.1	-3.0	-1.1	-2.1	-1.3	-0.6	-1	97	75
7 ENGLAND, N.W. and N. Wales	23.3	-3.9	-2.4	-0.6	-1.5	-1.7	-0.8	+1	155	69
8 ENGLAND, S.W. and S. Wales	21.1	-2.2	-1.6	+0.3	-0.6	-0.2	-0.3	+5	198	57
N. IRELAND	20.6	-4.8	-2.4	-0.6	-1.5	-	-	0	139	61
SCOTLAND	19.4	-6.7	-2.6	-1.4	-2.0	-	-	-3	81	91
ENG. and WALES	23.3	-3.9	-2.1	0.0	-1.1	-	-	+5	174	59

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

TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND—

APRIL, 1966

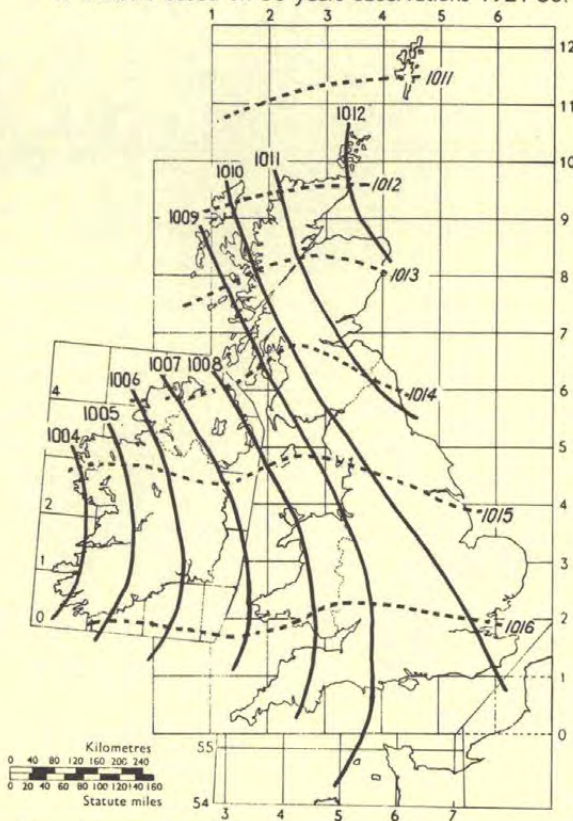
DISTRICT COUNTY AND PLACE			HEIGHT OF VANE IN FEET			DISTRIBUTION OF MEAN HOURLY VALUES OF WIND SPEED										Mean Hourly Wind Speed in knots	HIGHEST VELOCITIES						
			Above Mean Sea Level	Above ground	Effective Height	34 Knots or more (Gale force)		22 to 33 knots		11 to 21 knots		4 to 10 knots		Less 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	Zetland	Lerwick	304	33	33	1, 29	6	8	82	321	276	35	0	12.6	220	38	29	12	210	56	29	1045	
	Orkney	Kirkwall	134	50	33	-	0	6	54	325	251	90	0	11.3	300	31	1	08	300	49	1	0710	
	Caithness	Dounreay	110	39	30	22, 27	13	14	145	290	185	85	2	13.9	160	39	27	17	160	54	27	1615	
	Sutherland	Shin	78	33	33	-	0	11	102	323	202	88	0	13.1	210	38	29	09	210	50	29	0845	
	Ross & Cromarty	Stornoway (C'Guard)	120	40	36	29	1	8	53	345	243	78	0	11.5	200	34	29	12	200	50	29	1100	
	Inverness	Benbecula	52	38	33	-	0	11	95	405	177	43	0	13.8	180	33	29	08	180	47	29	0815	
		Fort Augustus	189	53	53	-	0	2	12	208	320	180	0	7.8	260	28	29	11	250	47	29	0945	
		(N.S.H.E.B.)																					
1	Moray	Kinloss	57	41	41	-	0	7	36	354	277	53	0	11.5	170	31	27	15	170	52	27	1500	
		Lossiemouth	101	80	60	-	0	4	22	264	310	124	0	9.3	180	30	27	16	180	55	27	1520	
	Aberdeen	Dyce	234	30	30	-	0	5	15	344	268	93	0	10.4	170	26	27	11	180	42	27	1800	
	Angus	Bell Rock	128	131	124	-	0	12	92	363	151	62	52	13.6	(170	33	27	11)	(170	49	27	1110)	
	Perth	Rannoch	1006	56	57	-	0	0	0	133	391	181	15	6.7	130	17	27	13	130	33	27	1210	
		Tummel Bridge	528	53	53	-	0	1	12	92	436	185	6	14.8	230	34	29	11	210	49	29	0930	
	Fife	Leuchars	78	40	40	29	0	2	7	432	226	55	0	11.4	200	29	27	14	190	49	27	1320	
	Midlothian	Turnhouse	137	40	33	-	2	5	20	380	255	63	0	11.1	160	36	27	13	160	63	27	1210	
		Edinburgh, Blackford Hill	496	50	34	27	35	23	233	313	105	34	0	18.3	130	38	27	04	130	55	27	0600	
6a	Argyll	Tiree	89	60	47	5, 10, 26, 27	25	17	172	302	191	18	12	16.6	060	41	9	16	060	55	9	1240	
	Bute	Millport	50	34	34	8, 9, 12	0	12	80	434	180	22	4	14.4	050	30	9	08	150	45	27	1020	
	Dunbarton	Cumbarnauld	543	33	33	-	0	1	3	258	336	123	0	8.5	150	24	27	11	160	44	27	1125	
	Renfrew	Paisley	188	81	31	-	0	6	24	462	171	63	0	12.6	060	24	9	12	060	40	9	1130	
		Abbotsinch	-	-	-	-	0	2	235	392	54	3	0	20.3	180	44	27	07	190	64	27	0700	
	Lanark	Lowther Hill	241.5	43	33	4, 5, 13-15, 18, 27	36	22	112	380	153	42	33	14.4	070	30	12	07	070	44	12	0610	
	Ayr	Hunterston	41	30	30	-	1	11	63	461	162	33	0	13.6	170	34	27	11	180	56	27	1020	
		Prestwick	68	33	33	27	0	2	5	562	141	12	0	13.0	210	25	27	14	210	43	27	1335	
	Dumfries	Chapelcross	310	50	50	-	0	1	6	264	294	156	0	8.5	200	30	27	14	210	47	27	1330	
		Eskdalemuir	825	50	35	-	0	10	52	427	182	16	43	13.8	200	28	27	12	090	44	9	1150	
	Wigtown	West Freugh	81	33	33	-	68	22	234	275	130	13	0	19.6	100	40	5	02	100	51	5	0110	
6b	Ile of Man	Ronaldsway	119	64	39	4, 5, 13-16	0	11	67	502	137	14	0	14.4	120	30	5	07	210	42	27	1210	
		Point of Ayre	64	33	33	-	0	0	0	299	321	76	24	9.3	230	21	27	16	230	39	29	1410	
2	Durham	Durham	389	53	33	-	0	2	3	406	280	31	0	11.8	110	23	18	10	210	32	27	1020	
		South Shields	73	57	44	-	0	2	5	344	294	53	24	10.5	230	23	1	06	230	35	1	0505	
	Lincoln	Cranwell	288	47	47	-	0	1	3	354	330	33	0	10.5	030	23	3	11	030	32	3	1040	
		Manby	85	33	33	-	0	10	73	356	259	32	0	13.0	170	32	22	13	170	42	22	1300	
3	Norfolk	Gorleston	54	43	43	-	0	0	0	177	433	110	0	7.7	220	20	23	15	220	37	23	1850	
	Suffolk	Mildenhall	98	83	60	-	0	1	2	326	306	86	0	9.8	020	23	3	13	210	35	23	1740	
	Bedford	Bedford	322	42	30	-	0	5	16	421	232	45	6	11.6	210	24	23	14	210	35	23	1440	
		Cardington	226	133	133	-	0	0	0	52	530	138	0	5.8	210	16	23	17	200	34	23	1545	
	Hertford	Garston	307	50	33	-	0	0	0	93	465	162	0	6.6	210	16	23	14	210	33	23	1700	
		Rothamsted	461	41	33	-	0	4	4	331	304	81	0	9.9	210	22	23	15	210	32	23	1650	
	Essex	Stansted	351	31	31	-	0	0	0	204	436	73	7	8.2	210	20	23	15	090	37	14	1155	
		Coryton	66	57	48	-	0	10	68	411	205	33	3	13.4	100	33	14	11	110	42	14	1100	
		Shoeburyness	118	106	91	-	0	0	0	3	297	420	0	3.2	010	12	2	16	220	28	22	2355	
4	Yorks, W.R.	Sheffield	533	83	35	-	0	0	0	214	496	10	0	8.9	010	17	2	15	090	32	14	0915	
	Warwick	Edgbaston	643	118	73	-	0	0	0	293	392	35	0	9.6	020	20	2	15	210	37	22	1415	
		Elmdon	343	31	31	-	0	0	0	127	477	116	0	7.4	200	20	23	18	200	34	23	1345	
	Buckingham	Amersham	500	50	50	-	0	0	0	225	372	123	0	8.3	090	19	5	10	090	40	5	0850	
	Stafford	Keele	706	50	33	-	0	1	1	361	288	70	0	10.4	110	22	5	04	220	35	22	1345	
	Worcester	Pershore	154	33	33	-	0	0	0	372	319	29	0	10.7	220	21	23	18	250	38	23	1740	
5	Greater London	London W/Centre	306	229	125	-	0	1	1	271	374	74	0	8.9	210	22	23	17	210	33	23	1640	
		Heathrow	115	33	33	-	0	0	0	180	403	137	0	7.3	-	21	23	18	-	36	23	1725	
		Hampton	139	101	100	-	0	0	0	171	402	147	0	7.3	220	17	23	18	220	37	23	1710	
		Kew	92	75	50	-	0	1	1	178	426	115	0	7.8	230	22	23	16	230	37	23	1510	
	Surrey	Gatwick	232	38	33	-	0	1	1	199	344	176	0	7.6	090	22	14	15	090	36	14	1445	
	Kent	Isle of Grain	48	40	33	-	0	2	22	230	366	102	0	9.2	090	26	14	11	180	44	22	1455	
		Dover	68	38	62	-	0	0	0	142	339	239	0	6.3	080	17	14	10	080	35	14	0750	
	Sussex	Thorney Island	75	65	42	-	0	0	0	275	333	112	0	8.4	200								

MONTHLY WEATHER CHARTS

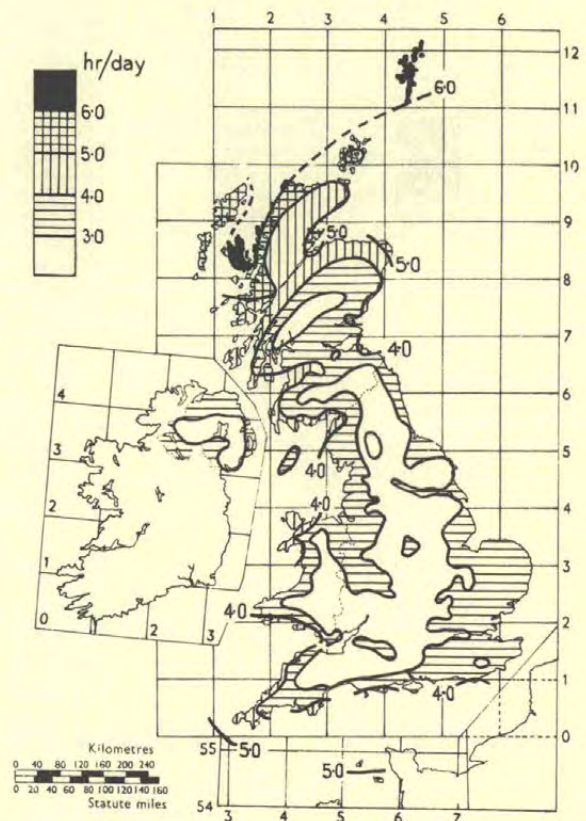
APRIL 1966

MEAN PRESSURE AT 9 G.M.T.

The dotted lines show the normal distribution of pressure in millibars based on 30 years observations 1921-50.

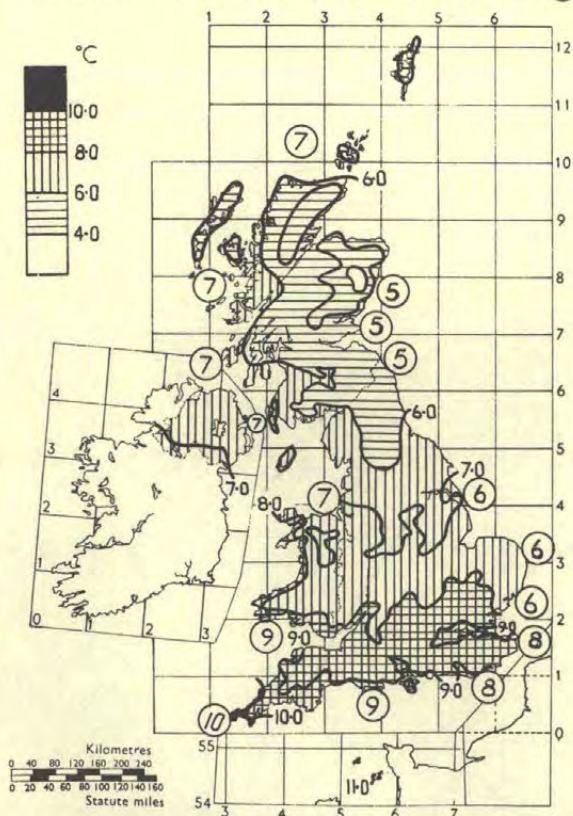


BRIGHT SUNSHINE

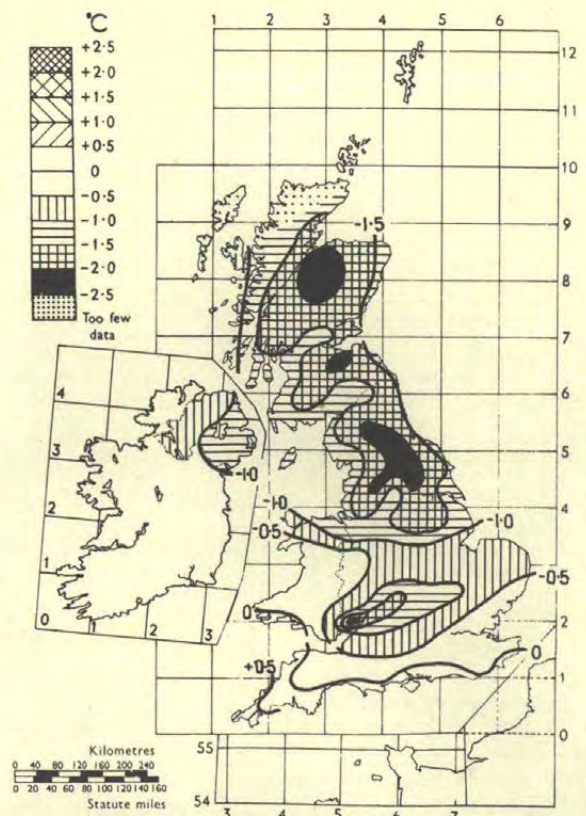


MEAN AIR TEMPERATURE

Reduced to sea level by a correction of 1°C. for 500 ft. Sea temperatures are shown by figures in circles thus (10)



ANOMALY OF MEAN 1 ft. EARTH TEMPERATURE



RAINFALL

APRIL 1966

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

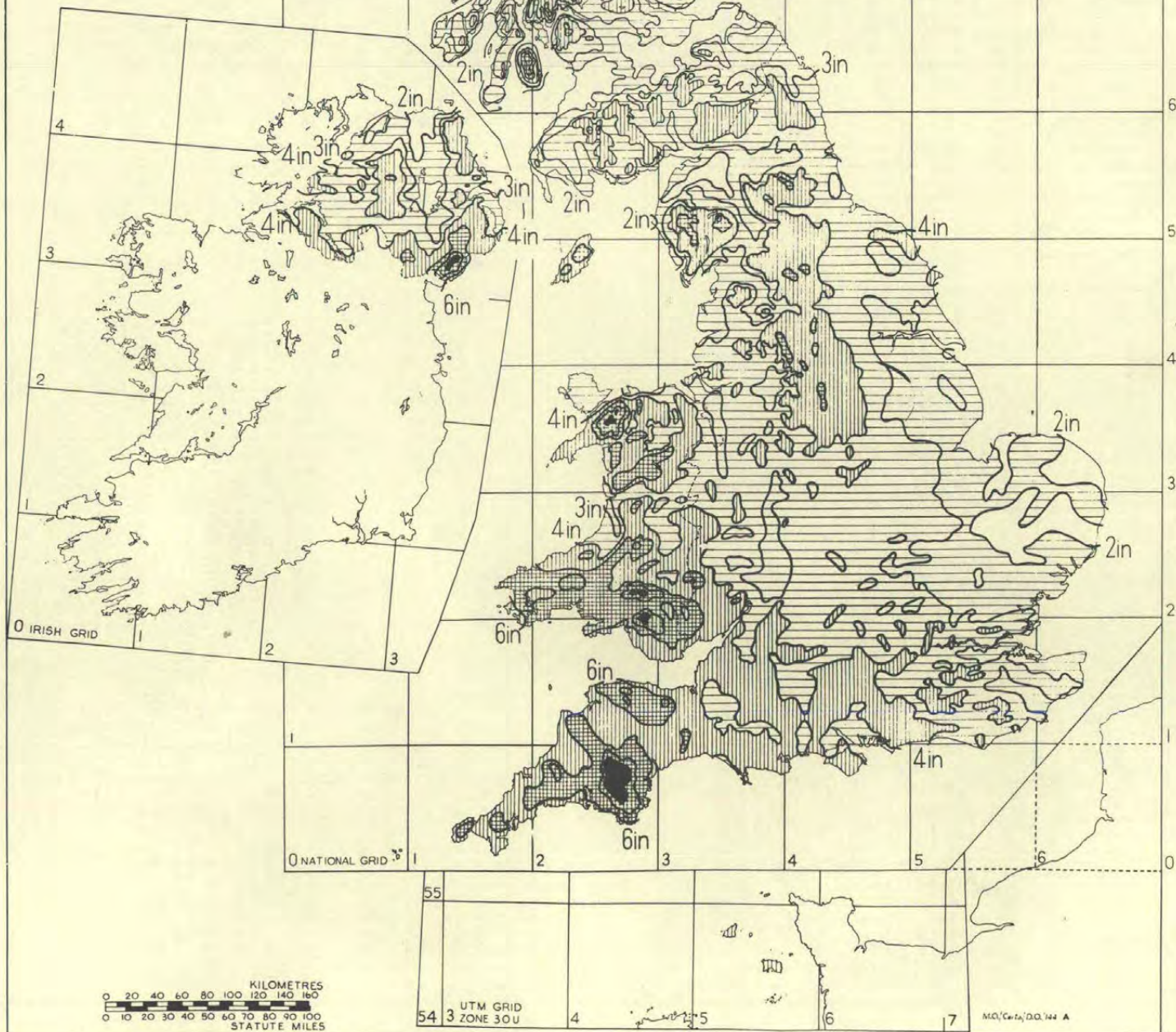
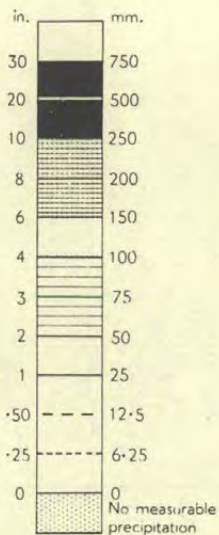


TABLE III

—SUMMARY OF DAILY OBSERVATIONS

APRIL,

1966

DISTRICT, COUNTY AND PLACE		Terminal hr GMT of Observation	Height of Station above MSL (feet)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days										BRIGHT SUNSHINE							
				MEANS OF				HIGHEST MAXIMUM AND LOWEST MINIMUM																									
				A Max.	B Min.	Mean Temperatures (Mean of A & B)	Difference from Average	Maximum	Date	Minimum	Date	1 ft.	4 ft.	Total fall (inches)	Per cent of 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 °C	Gale	Daily Mean (hr.)	Per cent of Average	Exposure		
																Amount (inches)	Date	-0.1in (0.2mm) or more	-0.4in (1.0mm) or more														
0 SCOTLAND, N.																																	
Zetland		Hamnavoe ...	99	70	7.7	2.1	4.9	-	13.3	30	-3.3	2	-	-	1.08	-	.51	22	12	6	4	1	1	0	0	0	6	-	2	6.93	-	-	
		Lerwick	21-9	269	6.8	1.8	4.3	-1.2	11.6	13	-3.7	1	-	-	1.35	46	.30	22	15	10	8	4	0	10	0	10	15	2	6.47	147	-	-	
		Baltasound ...	99	78	7.3	1.3	4.3	-	13.3	29	-6.7	1	3.9	-	1.67	56	.43	1	17	10	8	7	0	1	0	10	-	2	6.23	-	-		
Orkney		Sule Skerry ...	99	43	7.4	3.8	5.6	-	10.6	27	-2.2	1	-	-	.72	-	.29	22	10	5	5	0	1	0	0	2	10	3	-	-	-		
		Stenness ...	99	75	8.6	1.4	5.0	-	15.0	30	-5.0	16	4.7	-	.86	33	.30	22	14	6	4	2	0	1	0	10	16	3	5.15	-	-		
		Evie ...	99	110	8.3	1.7	5.0	-	16.1	30	-3.3	16	-	-	1.15	-	.40	22	9	6	-	-	-	-	0	10	15	-	5.14	-	-		
		Kirkwall ...	21-9	84	8.2	1.9	5.1	-	14.6	29	-3.0	16	-	-	.69	27	.28	22	11	5	10	0	4	1	0	11	15	0	4.74	286	-	-	
Caithness		Dounreay ...	99	73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		Wick ...	21-9	119	7.5	2.1	4.8	-1.6	16.5	30	-4.3	1	-	-	.52	26	.23	22	12	4	7	1	0	5	0	10	13	0	4.90	97	-	-	
Sutherland		Cape Wrath ...	21-9	367	7.0	2.5	4.7	-1.6	14.8	27	-2.3	1	-	-	.57	19	.15	23	11	6	4	1	1	0	0	1	6	8	4	6.65	-	-	
		Achany ...	99	280	8.1	0.1	4.1	-	16.7	29,30	-6.7	3,17	4.4	4.6	1.09	36	.94	22	16	8	6	4	3	0	0	13	19	0	4.27	-	-		
		Strathay ...	99	120	8.6	0.1	4.3	-2.2	16.7	23	-6.7	16	-	-	.48	17	.23	22	11	4	7	1	0	1	0	14	-	0	4.85	116	-	-	
Ross & Cromarty		Stornoway	21-9	11	8.5	2.6	5.5	-1.5	13.3	29	-4.0	3	-	-	1.47	63	.33	22	14	10	1	1	0	1	0	0	7	14	1	5.69	120	-	-
		Balmacara ...	99	2	9.8	2.9	6.3	-	14.4	30	-3.3	17	-	-	1.60	-	.35	25	12	8	3	0	0	0	0	8	-	0	-	-	-	-	
		Poolewe ...	99	20	10.2	2.3	6.3	-	16.1	23,(27)	-5.0	16	-	-	1.25	30	.41	25	9	8	-	-	-	-	0	9	15	-	6.70	-	S	-	
		Rudh Re ...	99	53	8.7	1.8	5.3	-	14.9	27	-3.6	15	-	-	-	-	-	-	-	1	0	0	0	0	0	11	14	2	-	-	-	-	
		Inverpolly ...	99	45	9.2	2.1	5.7	-	16.1	23	-3.9	3,17	5.3	-	-	.39	25	11	7	2	1	0	3	0	-	8	12	1	5.23	-	-	-	
		Achnashellach ...	99	220	9.3	0.9	5.1	-1.8	15.0	27	-5.6	16	-	-	2.86	51	.67	25	15	10	1	0	0	0	0	11	-	0	-	-	-	-	
		Kinlochewe ...	99	76	9.3	1.6	5.5	-	11.1	30	-5.0	17	5.3	-	1.97	35	.52	27	15	10	3	1	0	0	0	0	10	16	1	4.64	-	S	-
		Fortrose ...	99	15	7.9	2.3	5.1	-2.3	14.4	30	-3.3	15	-	-	.37	22	.17	22	8	3	0	0	0	0	0	7	-	0	5.00	108	-	-	
Inverness		Tarbatness ...	21-9	60	7.5	3.4	5.5	-	17.0	30	-2.0	14	-	-	.69	48	.41	22	8	3	1	0	0	0	0	3	-	0	-	-	-	-	
		Benbecula ...	21-9	19	8.7	3.1	5.9	-1.6	12.5	30	-2.3	3	-	-	1.72	67	.31	26	15	12	2	0	0	1	0	0	6	14	2	5.85	-	-	-
		Isle of Rhum ...	99	15	9.6	3.2	6.4	-	15.0	30	-3.9	3	7.2	6.9	3.64	64	.81	22	13	11	1	0	0	1	0	0	8	10	5	-	-	-	
		Prabost ...	99	220	8.9	2.2	5.5	-	13.9	30	-2.8	17	-	-	2.90	63	.55	25	17	12	3	0	0	0	0	12	16	7	6.47	-	-	-	
		Duntulm ...	99	294	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		Onich ...	99	48	8.9	2.8	5.9	-1.5	13.9	30	-3.9	3,4	-	-	3.08	64	1.01	22	11	10	5	0	0	0	0	0	7	12	0	4.70	117	S	-
		Fort William ...	99	27	9.6	2.6	6.1	-	15.0	30	-6.1	17	6.1	5.9	2.15	-	.94	22	11	10	4	0	1	0	0	0	8	13	2	5.09	-	-	-
		Fort Augustus ...	99	70	9.1	1.9	5.5	-1.6	16.7	30	-6.1	17	-	-	1.37	-	.45	22	12	7	0	0	0	0	0	10	-	1	4.55	-	-	-	
		Cannich ...	99	350	9.0	-1.1	3.9	-	17.2	30	-9.4	15	-	-	1.87	61	.43	22	13	12	1	0	0	0	0	0	17	20	1	-	-	-	-
		Inverness ...	99	13	9.3	1.5	5.4	-	17.8	30	-4.4	15,16,18	-	-	.58	35	.25	22	10	6	1	0	0	0	0	10	13	1	5.38	-	-	-	-
		Coire Cas Shieling ...	99	2500	2.9	-3.4	-0.3	-	14.4	30	-9.4	14,17	-	-	(1.37)	-	-	-	(10)	(10)	(9)	23	0	0	0	8	22	-	10	-	-	-	-
		Cairngorm ...	99	3575	-0.9	-5.4	-3.1	-	11.7	30	-11.7	14	-	-	-	-	-	-	-	-	-	-	-	-	-	26	-	-	-	-	-	-	
		Achnagoichan ...	99	1000	8.3	-1.5	3.4	-	17.8	30	-10.6	14	3.8	-	.58	-	.14	20	9	6	14	-	0	0	0	-	16	21	2	-	-	-	-
		Glenmore Lodge ...	99	1120	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1 SCOTLAND, E.																																	
Nairn		Nairn ...	99	20	9.2	0.8	5.0	-2.3	19.4	30	-6.7	15	-	-	.35	22	.14	22	9	3	0	0	0	0	0	13	18	0	5.42	115	-	-	
Moray		Forres ...	99	155	9.0	0.1	4.5	-	18.9	30	-6.1	3,14,15	5.0	4.9	.18	12	.13	22	4	1	1	0	0	0	0	14	15	1	4.61	99	-	-	
		Kinloss ...	21-9	15	9.1	0.9	5.0	-	19.5	30	-7.3	14	4.9	-	.20	13	.15	22	4	1	6	1	0	4	0	0	14	16	0	4.70	-	-	-
		Elgin ...	99	50	8.9	0.9	4.9	-	20.6	30	-6.1	16	-	-	.49	28	.22	22	7	5	0	0	0	0	0	14	18	1	4.92	-	-	-	-
		Lossiemouth ...	99	21	8.4	0.9	4.7	-2.4	18.3	30	-6.7	16	-	-	.40	25	.25	22	5	2	2	0	1	1	0	0	12	17	0	-	-	-	-
		Gordon Castle ...	99	104	8.8	1.6	5.2	-2.1	21.1	30	-5.0	16	-	-	.16	9	.11	22	5	1	-	0	-	-	-	12	-	-	4.44	97	-	-	
Banff		Glenlivet ...	99	706	7.7	-0.2	3.7	-	20.1	30	-8.5	14	-	-	.28	-	.11	24	6	3	11	1	1	0	0	0	14	19	0	3.75	-	S	-
		Banff ...	99	80	8.2	2.4	5.3	-	18.3	30	-2.8	14	-	-	.42	-	.22	22	7	2	4	0	0	0	1	0	7	-	2	4.46	-	-	-
Aberdeen		Braemar ...	99	1113	6.4	-1.1	2.7	-2.5	20.6	30	-10.0	17	-	-	1.95	87	.75	9	13	10	-	0	-	-	0	16	19	-	3.46	-	-	-	-
		Balmoral ...	99	927	6.1	-1.4	2.3	-3.1	18.9	30	-10.0	17	-	-	1.90	85	.70	9	20	13	8	0	0	0	0	-	18	23	0	-	-	-	-
		Dipnet ...	99	580	7.6	-0.2	3.7	-	20.6	30	-7.2	14,17	4.1	-	1.59	-	.34	9	15	11	-	3	-	-	-	0	13	21	-	3.60	-	-	-
		Huntly ...	99	405	7.9	0.3	4.1	-	22.5	30	-6.8	15	-</																				

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

APRIL,

1966

DISTRICT, COUNTY AND PLACE		Terminal hr. GMT of Observation	Height of Station above MSL (feet)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)			WEATHER Number of Days												BRIGHT SUNSHINE				
				MEANS OF		Mean Temperatures (Mean of A & B)	Difference from Average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (inches)	Per cent of Average	Most in a Day Amount (inches)	Date	Precip'n or more (0.01 in (0.2mm) or more)	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below °C	Gale	Daily Mean (hr.)	Per cent of Average	Exposure			
								Maximum	Date	Minimum	Date																						
				A Max.	B Min.	1 ft.	4 ft.																										
1 SCOTLAND, E.—cont.																																	
Midlothian	Davidson's Mains	99	200	8.3	2.7	5.5	-2.1	20.6	30	-2.8	2	5.3	-	2.58	155	.78	9	17	11	5	1	0	4	1	0	7	14	0	3.30	-	-		
—cont.	Penicuik ...	99	620	7.3	1.6	4.5	-	19.4	30	-3.9	2,17	5.2	-	1.76	80	.39	22	18	11	11	1	0	0	0	2	9	14	0	3.17	-	-		
	Bush House	99	605	7.2	1.4	4.3	-	18.9	30	-3.9	15,17	4.6	4.6	1.94	86	.41	9	16	11	5	1	0	0	0	4	13	17	0	3.55	-	-		
	Edinburgh—																																
	Blackford Hill	99	441	7.7	2.4	5.1	-2.4	19.4	30	-3.3	15	-	-	1.91	118	.48	9	16	12	4	1	0	0	0	2	7	14	1	3.63	75	-		
	Royal Bot. Gdns.	99	74	8.2	2.9	5.5	-2.2	19.4	30	-3.9	2	6.1	-	2.52	161	.65	9	15	13	4	1	0	0	0	0	5	12	0	3.35	69	-		
E. Lothian	Haddington	99	162	8.3	2.6	5.5	-	20.6	30	-3.9	2,3	-	-	1.34	86	.33	10	18	8	7	1	0	0	0	0	6	8	0	3.70	-	-		
	Dunbar	99	75	7.9	3.6	5.7	-1.7	17.2	29,30	-1.1	15	-	-	1.44	104	.49	9	13	6	2	0	1	0	0	0	4	10	0	4.06	77	-		
Berwick	Mertoun	99	225																														
	Lauder	99	600	7.2	1.3	4.3	-	18.9	30	-3.9	4	-	-	2.49	-	.62	9	20	13	13	3	0	0	0	0	0	9	16	0	2.80	-	-	
	Marchmont	99	498	7.0	1.9	4.5	-2.4	17.8	30	-3.3	15	-	-	3.06	164	.74	9	21	13	10	0	0	0	0	0	0	7	-	0	2.60	55	S	
	Whitchester	99	838	6.2	1.1	3.7	-	17.2	30	-3.3	15	-	-	3.88	192	.96	9	22	16	14	8	0	0	0	0	-	13	-	0	-	-		
	St. Abb's Head	99	245	7.3	3.3	5.3	-	19.0	30	-1.4	15	-	-	-	-	-	-	-	5	0	0	0	0	0	2	1	7	0	-	-	-		
Peebles	Stanhope Farm	99	741	7.4	1.6	4.5	-	17.8	30	-5.0	4	-	-	2.19	77	.75	22	15	10	8	0	0	0	0	0	0	9	17	0	-	-	-	
	Blyth Bridge	99	830	6.6	1.4	4.0	-	17.8	30	-4.4	2	-	-	1.33	58	.43	22	12	10	11	0	0	3	0	0	11	14	0	3.27	-	-	-	
	West Linton	99	800	6.7	1.1	3.9	-	17.8	30	-5.0	2	4.1	4.1	1.35	55	.32	22	15	9	6	1	0	0	0	0	1	11	15	0	-	-	-	
	Glenstress	99	580	7.6	1.7	4.7	-	19.4	30	-4.4	4	-	-	1.80	94	.49	22	16	12	10	1	1	1	0	0	9	-	0	-	-	-	-	
Selkirk	Bowhill	99	600	7.4	1.7	4.5	-	18.3	30	-3.3	4,15	-	-	2.71	130	.67	9	19	14	11	0	0	1	0	0	9	-	0	-	-	-	-	
Roxburgh	Wauchope	99	560	7.2	1.7	4.5	-	18.3	30	-5.0	4	-	-	2.36	109	.62	22	20	14	11	1	0	0	0	0	10	-	0	-	-	-	-	
	Sourhope	99	900	6.6	1.1	3.9	-	19.4	30	-3.9	16	-	-	2.34	-	(.51)	22	23	15	-	2	-	-	-	1	10	16	-	2.80	-	-	-	
6a SCOTLAND, W.																																	
Argyll	Tiree	21-9	29	8.6	3.3	5.9	-1.9	12.8	28	-1.2	17	-	-	1.91	73	.38	21	15	8	3	0	0	0	0	0	5	14	2	4.70	82	-	-	
	Rhuvaal	21-9	65	8.4	3.5	5.9	-	15.0	22,28	-0.2	3,15,17	-	-	2.95	89	.75	22	14	12	1	0	1	0	0	0	3	6	1	-	-	-	-	
	Colonsay	99	87	8.9	3.1	6.0	-1.7	15.0	30	-2.8	3	-	-	2.31	76	.50	21	17	11	1	-	0	0	0	0	3	-	2	-	-	-	-	
	Craighouse	99	10																														
	Machrihanish	99	33	8.9	3.3	6.1	-	15.8	28	-2.2	2	-	-	2.75	-	.78	21	14	9	5	0	0	0	0	0	0	5	11	1	4.14	-	-	-
	Campbeltown	99	10	9.1	3.7	6.4	-	17.2	30	(-1.7)	2	-	-	3.39	-	.93	21	13	9	1	0	0	0	0	0	9	1	-	0	3.91	-	-	-
	Polloch	99	33	9.6	2.5	6.1	-	15.6	30	-5.0	2	-	-	3.73	-	.85	22	12	12	0	-	0	0	0	-	10	13	0	-	-	-	-	
	Achaglachgach	99	40	9.2	2.4	5.8	-	15.6	28	-4.4	2	-	-	4.46	119	1.06	22	15	13	2	0	1	0	0	0	6	12	0	-	-	-	-	
	Lepinmore	99	30																														
	Glenbranter	99	80	8.0	2.5	5.3	-	15.0	30	-5.0	2	-	-	4.62	-	.92	22	16	14	7	0	0	0	0	0	7	13	0	-	-	-	-	
	Benmore Y.B.G.*	99	40	8.2	2.8	5.5	-	16.1	30	-3.3	2,3	-	-	5.25	90	1.08	22	17	15	3	0	0	2	0	0	6	14	0	-	-	-	-	
Bute	Kildonan	99	60	8.1	3.5	5.8	-	13.0	30	-0.5	14	-	-	3.26	-	.71	22	14	12	1	-	0	0	0	0	2	7	5	-	-	-	-	
	Broddick Castle	99	50	9.4	3.7	6.5	-	17.8	30	-1.7	2	7.1	-	5.89	-	1.14	21	14	13	1	0	1	0	0	0	2	7	0	-	-	-	-	
	Rothsay	99	150	7.7	3.2	5.5	-2.3	14.4	30	-1.1	15	5.2	5.6	2.39	73	.66	22	15	13	1	0	0	1	0	0	3	11	0	3.51	72	-	-	
	Millport	99	16	8.0	3.3	5.7	-	13.3	30	-0.6	15	-	-	3.81	145	1.32	5	13	9	3	0	0	0	0	0	1	-	4	-	-	-	-	
Dunbarton	Finnart	99	50	8.2	3.1	5.7	-	15.0	29,30	-1.7	2,3,4	-	-	5.23	-	1.25	5	15	15	7	0	1	0	0	0	8	-	0	-	-	-	-	
	Helensburgh	99	293	7.7	2.2	4.9	-2.5	15.6	30	-2.8	2,3	-	-	3.05	93	.94	22	16	12	9	0	0	0	0	0	9	-	0	-	-	-	-	
	Sloy	99	40	7.9	3.2	5.5	-	14.5	30	-2.4	3	-	-	5.57	-	1.33	22	15	14	9	-	0	0	0	0	6	-	0	-	-	-	-	
	Cumbernauld	99	310	7.7	1.9	4.8	-	17.8	30	-3.9	2,3	-	-	3.36	-	.82	22	20	15	8	1	0	0	0	0	9	12	1	-	-	-	-	
Stirling	Earl's Hill	99	1100	5.2	0.1	2.7	-	15.1	30	(-6.6)	4	-	-	4.62	-	.87	9	21	15	-	-	-	-	-	7	17	18	-	3.00	-	-	-	
	Stirling	99	151	8.4	2.8	5.6	-2.5	19.4	30	-1.7	2,3,15	6.2	5.6	2.49	115	.63	22	17	12	6	1	0	1	0	0	6	13	0	3.78	-	-	-	-
	Falkirk	99	100	8.1	2.6	5.3	-2.6	18.9	30	-2.8	2,3	-	-	2.45	119	.57	22	18	15	4	1	0	0	0	0	1	6	-	0	-	-	-	
Renfrew	Greenock	99	200	7.8	2.9	5.3	-2.7	16.1	30	-1.7	15	-	-	3.30	93	.60	22	16	14	5	0	0	0	0	0	7	11	0	3.81	-	-	-	
	Paisley	99	106	8.3	3.1	5.7	-2.6	17.8	30	-1.7	2,17	6.5	6.5	3.13	126	.62	5	17	12	5	0	0	0	0	0	5	11	0	3.50	76	-	-	-
	Barrhead	99	97	8.5	2.4	5.5	-	17.2	30	-5.0	2																						

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

APRIL,

1966

DISTRICT, COUNTY AND PLACE		Terminal hr. GMT of Observation	Height of Station above MSL (feet)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days										BRIGHT SUNSHINE							
				MEANS OF		Mean Temperatures (Mean of A & B)	Difference from Average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (inches)	Per cent of Average	Most in a Day Amount (inches)	Date	Precip'n (0.2mm or more)	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frosty	Grass min. below °C	Gale	Daily Mean (hr.)	Per cent of Average	Exposure			
				A Max.	B Min.			Maximum	Date	Minimum	Date	1 ft.	4 ft.																				
2 ENGLAND, N.E.																																	
Northumberland	Kielder Castle ...	99	660	7.0	1.2	4.1	-	18.3	30	-4.4	4	5.4	-	4.18	140	1.33	22	26	13	8	1	0	0	1	8	10	18	0	-	-	-		
	Haydon Bridge ..	99	258	8.2	2.4	5.3	-	20.0	30	-2.8	3	5.5	5.5	2.89	-	.64	9	21	11	10	2	0	0	0	0	8	11	0	-	-	-		
	Corbridge ...	99	160	8.3	2.5	5.4	-	20.6	30	-2.8	3, 4	-	-	2.71	-	.78	9	20	15	8	3	0	0	0	2	7	8	0	-	-	-		
	Berwick-on-Tweed	99	76	7.6	3.5	5.5	-1.9	18.9	30	-1.1	15	-	-	2.17	161	.60	9	19	9	5	0	3	1	0	1	1	6	0	3.61	69	-		
	Cockle Park §§	99	326	7.8	2.6	5.2	-1.7	20.6	30	-1.1	2, 4, 16	4.9	-	4.20	218	1.45	9	23	13	8	1	0	0	0	-	6	10	0	3.06	63	-		
Durham	Acklington ...	21-9	188	8.2	2.8	5.5	-	20.7	30	-1.1	15	-	-	3.33	192	1.31	9	16	12	13	2	0	7	0	3	5	10	0	3.56	-	-		
	Tynemouth ...	21-9	95	7.7	3.8	5.7	-2.0	19.0	30	-0.6	2	-	-	3.31	204	1.27	9	18	11	8	1	2	0	0	1	5	4	0	3.37	69	-		
	Seahouses ...	21-9	37	8.0	3.5	5.7	-	20.2	30	-1.1	15	-	-	2.91	-	.88	9	16	10	7	0	3	0	0	1	2	4	0	3.41	-	-		
	Chopwellwood ...	99	446	7.7	2.2	4.9	-2.5	21.1	30	-2.2	15	-	-	3.92	211	1.05	9	23	18	11	5	0	0	0	2	7	14	0	-	-	-		
	Ushaw College ...	99	594	7.3	1.6	4.5	-2.7	20.6	30	-2.2	2, 15	-	-	4.13	220	1.00	9	23	16	9	4	0	0	0	4	9	-	0	-	-	-		
Yorks., N. Riding	Houghall ...	99	123	8.5	2.4	5.5	-2.0	21.7	30	-3.3	4	-	-	3.36	189	.70	9	21	16	7	3	0	3	0	1	4	13	0	2.79	-	61	-	
	Durham §§C	99	336	7.9	2.3	5.1	-2.3	21.1	30	-1.7	2, 4	5.5	5.8	3.14	185	.72	1	22	14	-	3	-	-	-	5	12	-	2.70	59	-	-		
	Gateshead ...	99	509	-	-	-	-	-	-	-	-	-	-	3.79	218	1.01	9	(16)	(16)	-	-	-	-	-	-	-	-	-	(3.19)	-	-	-	
	West Hartlepool ...	99	30	8.6	3.9	6.3	-	21.7	30	-0.6	15	-	-	3.37	211	.78	9	20	15	7	1	0	0	0	1	1	2	0	2.97	-	-	-	
	Thirsk ...	99	111	9.0	3.3	6.1	-	20.6	30	-1.7	4	-	-	3.14	-	.92	1	18	11	6	2	0	1	1	0	2	10	0	-	-	-	-	
Yorks., E. Riding	Leeming ...	99	105	8.7	3.4	6.1	-	22.2	30	-1.4	4	-	-	3.65	-	.86	1	17	11	10	2	0	4	0	0	4	7	0	2.98	-	-	-	
	York (Heslington)	99	66	8.9	3.5	6.2	-	21.1	30	-1.1	4	6.0	-	2.84	-	.71	1	18	15	-	1	-	-	-	0	3	-	-	2.79	-	-	-	
	Ampleforth ...	99	313	7.8	2.9	5.3	-2.4	20.0	30	-1.1	15	-	-	4.72	238	.68	9	(18)	(18)	5	-	0	0	0	2	4	9	0	-	-	-	-	
	Redcar ...	99	25	8.6	3.9	6.3	-	22.2	30	-0.6	2, 15	-	-	3.51	244	.85	1	22	15	-	0	-	-	-	0	2	-	-	2.90	-	-	-	
	Pickering ...	99	143	8.8	2.6	5.7	-	21.4	30	-1.1	4	-	-	2.76	-	.54	1	23	14	9	1	0	0	1	0	3	12	0	-	-	-	-	
Lincoln	Whitby ...	99	135	8.4	3.4	5.9	-	21.1	30	-0.0	2, 14, 15	-	-	(4.23)	-	(1.10)	9	(18)	(16)	4	1	0	0	0	2	0	-	-	2.71	-	-	-	
	Scarborough §§	99	118	8.4	3.8	6.1	-2.4	20.6	30	0.0	2, 14, 15	6.4	6.9	3.95	223	.86	1	21	12	6	0	0	0	1	2	0	4	0	2.69	53	-	-	
	Silpho Moor ...	99	665	7.5	1.7	4.6	-	20.6	30	-2.2	14, 15	4.3	-	5.86	276	1.10	9	26	19	9	4	0	0	0	8	7	19	0	2.72	-	-	-	
	Whitby C'Guard	21-9	200	7.7	3.4	5.5	-	21.3	30	-0.8	14	-	-	3.21	-	1.00	9	14	8	6	1	0	0	0	4	4	0	-	-	-	-		
	High Mowthorpe	99	574	7.3	2.3	4.8	-	20.0	30	-2.8	17	4.5	-	3.29	173	.61	9	18	15	-	3	-	-	-	3	8	11	-	2.73	-	-	-	
Suffolk	Hull ... §§C	99	8	9.7	4.3	7.0	-1.7	20.6	29, 30	0.6	15, 16	6.6	6.2	2.92	160	.76	1	18	13	5	0	0	3	0	2	0	3	0	2.96	62	-	-	
	Leconfield ...	21-9	24	9.1	3.7	6.4	-	21.0	30	-0.7	4	-	-	2.74	-	.62	1	17	12	10	0	0	4	0	3	1	7	0	2.98	-	-	-	
	Filey ...	99	122	8.2	3.4	5.8	-	18.9	29, 30	0.0	15	-	-	3.43	181	.81	1	17	12	3	1	0	4	1	1	0	3	0	2.90	-	-	-	
	Bridlington ...	99	157	8.3	3.3	5.8	-	18.9	29, 30	-0.6	15	-	-	4.11	217	.98	1	22	13	2	0	0	3	1	1	1	4	1	2.74	-	-	-	
	Kilnsea ...	21-9	40	8.6	3.2	5.9	-	18.4	26	-0.5	14	-	-	2.44	-	.46	9	14	12	4	0	1	0	1	2	1	-	4	-	-	-	-	
Cambridge	Waddington ...	21-9	224	9.4	3.7	6.5	-1.8	19.8	30	-0.6	13	-	-	2.83	-	.42	5	19	15	9	0	0	2	1	2	3	5	0	3.00	-	-	-	
	Lincoln ... C	99	22	10.0	3.7	6.9	-	21.1	30	-1.7	4	6.6	6.2	2.76	161	.48	5	20	14	3	0	0	0	0	1	2	6	0	2.92	-	-	-	
	Cranwell §§C	99	205	9.6	3.4	6.5	-1.7	19.8	30	-1.4	14	6.6	6.4	2.70	162	.53	9	20	15	5	0	0	2	0	4	3	9	0	2.91	56	-	-	
	Brigg ...	99	10	9.6	3.2	6.4	-	21.7	30	-2.2	4	-	-	2.67	-	.53	1	19	13	5	0	0	0	1	1	2	7	0	-	-	-	-	
	Caistor ...	99	100	9.7	3.7	6.7	-	20.6	30	-1.1	4	-	-	2.48	-	.53	18	20	14	-	-	-	-	-	1	-	-	-	-	-	-	-	
Essex	Binbrook ...	21-9	353	8.7	3.6	6.1	-	20.3	30	-0.3	14	-	-	2.77	-	.42	1	20	14	11	1	0	3	1	2	2	3	0	-	-	-	-	-
	Cleethorpes ...	99	23	9.6	2.6	6.1	-2.3	20.0	29	1.1	14	-	-	2.15	126	.37	1	15	12	0	0	0	0	0	1	0	-	0	2.95	56	-	-	
	Manby ...	21-9	55	9.7	3.9	6.8	-	19.6	30	-0.8	21	-	-	2.29	140	.34	18	17	14	5	0	0	3	1	2	2	3	0	3.07	-	-	-	
	Skegness ...	99	15	9.9	4.3	7.1	-1.0	19.4	29	1.1	14, 15, 21	-	-	2.34	146	.43	2	16	13	1	0	0	0	0	7	0	-	0	3.14	58	-	-	-
3 ENGLAND, E.																																	
Norfolk	Terrington St. Cl. ...	99	13	10.9	4.3	7.6	-	21.1	30	-0.6	14	7.2	-	2.11	142	.41	18	21	13	1	0	1	0	0	0	1	6	0	3.16	-	-	-	
	Marham ...	21-9	76	10.8	4.0	7.4	-	20.6	30	-1.4	21	-	-	1.71	-	.25	2	15	13	4	0	0	1	0	1	1	5	0	-	-	-	-	
	Santon Downham	99	80	11.7	3.1	7.4	-	21.7	30	-6.1	14	7.3	6.7	2.89	117	.33	15	21	17	-	0	-	-	-	-	4	11	-	3.08	-	-	-	
	West Raynham ...	21-9	250	10.2	3.7	6.9	-1.2	19.9	30	-1.2	14	-	-	2.22	108	.44	2	19	12	6	0	0	1	0	2	4	7	0	3.09	-	-	-	-
	Cromer ...	99	178	10.1	3.9	7.0	-1.3	19.4	29	0.6	14	-	-	2.38	127	.60	2	17	12	-	0	-	-	-	-	3	0	7	-	3.02	56	-	-
Suffolk	Sproston §§	99	93	10.7	4.1	7.4	-0.9	19.4	29	-0.6	21	7.3	-	1.89	105	.37	15	19	11	1	0	0	0	0	-	1	7	0	3.26	61	-	-	-
	Coltishall ...	21-9	55	10.6	4.2	7.4	-	18.8	29	-0.3	21	-	-	1.65	-	.32	18	15	10	4	0	0	3	0	1	1	7	0	-	-	-	-	
	Burlingham ...	99	89	10.8	4.1	7.5	-	18.3	29, 30	0.6	14, 15, 22	-	-	1.91	109	.32	18	17	12	2	0	0											

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

APRIL,

1966

DISTRICT, COUNTY AND PLACE		Terminal hr. GMT of Observation	Height of Station above MSL (feet)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)			WEATHER Number of Days										BRIGHT SUNSHINE					
				MEANS OF		Mean Temperatures (Mean of A & B)	Difference from Average	HIGHEST MAXIMUM AND LOWEST MINIMUM				1 ft.	4 ft.	Total fall (inches)	Per cent of Average	Amount (inches)	Date	Precip'n (0-2mm) or more	-0.1in (1-0mm) or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost†	Grass min. below °C	Gale	Daily Mean (hr.)	Per cent of Average	Exposure	
				A Max.	B Min.			Maximum	Date	Minimum	Date																					
4 MIDLAND COUNTIES																																
Yorks., Slaiburn ...		9 9	629	7.6	2.4	5.0	-	20.6	30	-1.7	3, 4, 14	-	-	4.10	-	.80	1	19	15	7	4	0	0	0	1	9	10	0	2.98	-	-	
W. Riding Malham Tarn ...		9 9	1297	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Huddersfield §		9 9	325	8.6	3.5	6.1	-1.8	22.8	30	-1.1	4, 14	5.6	-	4.55	-	1.45	1	23	18	-	4	-	-	-	2	4	6	-	2.55	64	-	
" Oakes		21-9	762	7.4	2.5	4.9	-2.6	22.4	30	-2.0	14	4.7	5.1	5.50	220	1.88	1	24	20	12	8	0	3	1	3	8	11	0	2.55	59	-	
Bradford ¶		9 9	439	7.9	2.9	5.4	-2.3	21.7	30	-1.1	4, 14, 15	5.6	5.5	4.57	206	1.08	1	21	17	8	4	2	4	1	3	6	13	0	-	-	S	
Ilkley ...		9 9	315	8.5	2.9	5.7	-2.1	22.8	30	-1.7	4	-	-	4.28	167	.83	5	21	12	5	2	0	0	0	1	2	6	-	0	3.43	75	-
Sheffield ...		9 9	429	8.7	3.5	6.1	-2.3	21.7	30	-0.6	14	5.7	6.2	5.53	265	1.50	1	22	20	7	0	0	0	0	-	6	9	0	2.47	57	-	
Wakefield ...		9 9	121	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Pontefract ...		9 9	255	8.7	3.4	6.1	-2.0	21.1	30	-0.6	4, 15, 16	-	-	3.54	212	.83	1	21	14	6	2	0	0	0	0	3	5	6	0	-	-	-
Bramham ...		9 9	177	8.6	2.9	5.7	-	21.1	30	-2.2	4	-	-	3.54	216	.95	1	18	15	7	2	0	0	0	0	1	7	8	1	2.68	-	-
Cawood ...		9 9	20	9.2	3.4	6.3	-	21.7	30	-1.1	4	5.9	6.0	3.38	198	.80	1	19	16	3	1	1	0	0	0	0	5	8	0	2.97	-	-
Askham Bryan ...		9 9	110	8.9	3.3	6.1	-	20.6	30	-1.1	4	-	-	3.21	176	.80	1	19	15	5	1	0	0	0	0	0	5	8	0	2.70	58	-
Derby Buxton ...		9 9	1007	7.3	2.4	4.9	-1.6	18.9	30	-1.7	4, 14, 15	4.7	4.8	4.13	124	.70	9	20	15	6	4	0	0	0	0	10	8	10	0	-	-	-
Chapel en le Frith		9 9	732	-	-	-	-	-	-	-	-	-	-	2.79	-	.34	18	17	11	-	-	-	-	-	-	-	-	-	-	-	-	-
Derby ...		9 9	159	10.0	4.0	7.0	-	21.1	30	-1.1	4	-	-	3.77	-	.78	5	19	14	4	1	0	0	0	0	1	2	6	0	3.00	-	-
Morley ...		9 9	350	9.3	3.7	6.5	-	20.6	30	-1.7	4	-	-	4.31	228	.78	5	20	16	5	1	0	0	0	0	-	5	11	0	2.98	-	-
Chesterfield ...		9 9	298	9.7	3.1	6.4	-	21.1	30	-1.1	2	-	-	4.81	-	.96	1	23	18	7	3	0	0	0	0	3	7	-	0	-	-	-
Nottingham Sutton Bonington		9 9	157	10.3	3.4	6.9	-1.4	20.6	30	-1.7	14, 15	6.4	6.6	3.95	235	.91	19	20	15	6	0	0	0	0	0	0	3	8	0	3.35	71	-
Watnall ...		21-9	385	9.4	3.4	6.4	-1.8	21.6	30	-1.8	4	-	-	4.02	208	.72	9	20	15	8	2	0	4	0	5	4	8	0	2.42	51	-	-
Nottingham T.C.*		9 9	169	8.8	3.7	6.3	-	20.4	30	-1.1	14	-	-	3.76	-	.83	19	20	16	-	-	-	-	-	-	4	4	7	-	2.56	-	-
Mansfield ...		9 9	362	9.3	3.5	6.4	-1.8	21.1	30	-1.1	4, 14	6.5	-	4.30	217	.68	9	20	17	4	0	0	0	0	0	4	3	-	0	-	-	-
Nottingham ¶§		9 9	192	9.8	4.2	7.0	-1.7	21.1	30	0.0	14, 15	6.2	6.1	3.73	208	.71	19	18	14	4	1	0	0	0	0	0	1	5	0	2.69	62	-
Warsop ...		9 9	150	9.5	3.1	6.3	-	20.6	30	-1.1	4, 14, 21	-	-	4.01	252	.73	1	20	16	4	0	0	0	0	0	1	7	12	0	2.68	-	-
Finningley ...		21-9	34	9.8	3.9	6.9	-1.6	22.1	30	0.0	4, 14	-	-	3.64	-	.76	1	21	14	6	0	0	0	1	1	1	0	4	0	2.79	-	-
Leicester Newtown Linford		9 9	392	9.6	3.1	6.3	-	21.1	30	-2.2	14	-	-	3.74	-	.82	5	19	15	5	2	0	1	2	2	4	12	0	2.70	-	-	-
Caldecott ...		9 9	175	11.2	3.2	7.2	-	21.7	30	-4.4	4	-	-	3.01	-	.56	5	18	12	-	0	-	-	-	-	2	5	5	-	2.78	-	-
Northampton Bugbrooke Mills		9 9	228	11.1	3.2	7.1	-	21.1	30	-3.9	4	6.9	6.8	2.80	-	.50	5	22	15	1	0	0	0	0	0	1	4	-	0	2.80	-	-
Raunds ...		9 9	198	11.2	3.8	7.5	-	21.1	30	-2.2	14	7.6	7.0	3.28	190	.36	18	24	17	5	1	0	0	0	1	1	4	9	0	2.88	-	-
Wittering ...		21-9	212	10.5	3.9	7.2	-1.2	20.6	30	-0.6	14	-	-	3.33	-	.52	18	21	16	7	0	0	3	0	2	1	7	0	2.96	-	-	-
Warwick Birmingham K.E.S.**		9 9	450	9.7	3.8	6.7	-	20.0	30	-1.1	14	-	-	3.14	-	.37	5	20	17	4	0	0	0	0	1	0	5	4	-	0	-	-
Edgbaston ¶§		21-9	536	9.4	4.2	6.8	-1.7	20.5	30	-1.3	14	6.1	7.0	3.19	139	.38	18	23	16	7	2	0	4	0	3	4	6	0	2.68	58	-	-
Luddington ...		9 9	138	10.7	3.9	7.3	-	21.1	30	-2.8	4	-	-	3.56	198	.92	10	18	12	3	0	0	0	1	0	3	10	0	3.10	-	-	-
Stratford on Avon		9 9	160	11.2	3.6	7.4	-	21.7	30	-1.1	14	7.7	-	3.62	237	.85	10	18	13	2	0	0	0	0	0	1	3	10	0	2.80	-	-
Eldon ...		21-9	319	10.0	3.8	6.9	-1.0	20.3	30	-4.0	4	-	-	3.31	167	.58	5	20	15	5	1	0	0	0	1	1	4	8	0	2.87	-	-
Shipston on Stour		9 9	365	10.4	3.9	7.1	-	20.6	30	-2.2	4	6.6	-	3.56	-	.71	18	20	15	3	1	1	0	0	1	1	4	11	-	2.72	-	-
Wellesbourne ...		9 9	153	10.7	3.9	7.3	-	21.1	30	-2.8	4	7.1	6.9	2.89	152	.64	5	19	14	2	0	0	0	0	1	1	2	11	0	2.57	-	-
Moreton Morrell		9 9	280	10.7	3.9	7.3	-	20.6	30	-2.2	4, 14	-	-	3.18	-	.77	5	19	14	3	0	0	0	0	0	1	2	9	0	2.93	-	-
Coventry ...		9 9	-	11.0	3.9	7.5	-	20.6	30	-1.7	4	6.9	6.7	3.07	-	.65	5	20	15	0	-	0	0	0	0	2	-	-	0	-	-	-
Rugby ...		9 9	385	10.3	3.7	7.0	-1.2	20.0	30	-2.2	4	6.6	6.8	-	.60	5	-	2	0	0	0	0	0	0	1	4	6	0	-	-	-	-
Oxford Oxford ¶§		9 9	208	11.1	5.1	8.1	-1.0	21.1	30	-1.1	14	7.9	7.6	3.21	169	.55	18	21	15	2	2	0	0	0	0	2	3	4	0	2.72	51	-
Buckingham Medmenham		9 9	98	12.1	4.0	8.1	-	21.1	30	-2.2	21	-	-	3.96	-	.76	19	22	17	-	-	-	-	-	-	-	4	8	-	-	-	-
Grendon Underwood		9 9	220	11.3	3.8	7.5	-	20.6	30	-1.7	21	7.7	7.2	3.25	-	.55	18	22	16	2	0	0	0	0	-	-	4	8	0	2.62	-	-
Aylesbury ...		9 9	316	10.9	4.2	7.5	-	21.1	30	-1.7	14	-	-	2.71	140	.40	19	18	15	2	1	0	0	0	0	2	3	7	0	2.85	-	-
Bletchley ...		9 9	281	11.7	4.3	8.0	-	22.2	30	-2.2	14	-	-	2.84	-	.40	18	22	15													

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

APRIL,

1966

DISTRICT, COUNTY AND PLACE		Terminal hr. 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		Mean Temperatures (Mean of A & B)	Difference from Average B	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (inches)	Per cent of Average B	Most in a DAY (inches)	Precip'n (0.01 in (0.2mm) or more)	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost†	Grass min. below °C	Gale	Daily Mean (hr.)	Per cent of Average B	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
				A Max.	B Min.			Maximum	Date	Minimum	Date	1 ft.	4 ft.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
5	ENGLAND, S.E.—cont.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							

* Seed Trial Grounds ** Sunshine read at Bracknell (Easthampstead)

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

APRIL,

1966

DISTRICT, COUNTY AND PLACE		Terminal hr. GMT of Observation	Height of Station above MSL (feet)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)		WEATHER (Number of Days)												BRIGHT SUNSHINE					
				MEANS OF		Mean Temperatures (Mean of A & B)	Difference from Average	HIGHEST MAXIMUM AND LOWEST MINIMUM								Total fall (inches)	Per cent of 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 °C	Gale	Daily Mean (hr.)	Per cent of Average	Exposure	
				A Max.	B Min.			Maximum	Date	Minimum	Date	Amount (inches)	Date	-0.1in (0.2mm) or more	-0.4in (1.0mm) or more																		
																		1 ft.	4 ft.														
7a ENGLAND, N.W.—cont.																																	
Lancashire —cont.	Grizedale	99	300	-	2.3	-	-	-	-4.4	4	6.6	-	5.14	-	.95	9	16	12	2	2	0	0	0	0	0	6	10	0	-	-	-		
	Speke	21-9	80	10.4	4.6	7.5	-1.3	21.8	30	-0.6	4	-	3.83	224	1.22	1	18	16	4	0	0	1	1	0	0	5	0	3.30	-	-	-		
	Kirkham	99	78	9.7	3.4	6.5	-	21.1	30	-3.9	4	-	2.78	139	.87	1	14	10	3	1	0	0	0	0	4	10	0	3.53	-	-	-		
	Garstang	99	68	9.7	3.7	6.7	-	18.3	30	-1.7	3, 4	-	2.74	137	.72	1	13	10	-	1	-	-	-	0	3	4	-	-	-	-	-		
	Morecambe	99	24	9.5	4.2	6.9	-1.4	20.0	30	-1.1	2, 3	-	2.86	139	.96	1	13	10	1	1	0	0	0	0	2	-	0	3.89	70	-	-		
	Penketh	99	50	10.5	4.1	7.3	-	22.2	30	-2.2	4	6.9	3.45	-	1.13	1	18	16	2	1	0	0	2	3	5	11	0	3.13	-	-	-		
	Preston	99	108	9.5	3.8	6.7	-	21.7	30	-2.8	4	-	3.12	141	1.00	1	16	10	4	2	0	3	1	0	5	5	0	-	-	-	-		
	Stonyhurst	99	377	8.8	3.1	5.9	-1.8	23.3	30	-2.2	4	-	2.98	111	1.11	1	15	11	-	2	-	-	-	1	5	-	-	3.00	64	-	-		
	Manchester W/Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Helmshore	99	854	(7.4)	(2.4)	(4.9)	-	20.0	30	-2.2	14	(5.2)	-	4.39	119	1.01	1	18	15	-	6	-	-	-	4	10	14	-	2.81	-	-	-	
	Burnley	99	655	8.2	2.6	5.4	-	21.1	30	-2.2	4	5.2	5.1	3.20	-	.78	1	22	15	6	3	0	0	0	1	7	11	0	2.79	-	-	-	
	Nelson	99	540	8.1	2.8	5.5	-	21.4	30	-2.6	4	5.3	5.6	3.06	114	.70	1	18	15	-	7	-	-	-	0	7	-	-	2.54	-	-	-	
	Rochdale	99	362	8.9	3.4	6.1	-	21.1	30	-0.6	4	-	-	3.36	126	.89	1	17	13	3	1	0	0	1	1	6	0	-	-	-	-	-	
Cheshire	West Kirby Park	99	25	10.4	4.6	7.5	-	22.2	30	-0.6	4	-	4.24	-	1.11	10	19	14	-	0	-	-	-	-	1	3	-	3.52	-	-	-		
	Bidston	99	198	9.5	4.5	7.0	-1.3	21.7	30	0.0	15	-	3.40	201	1.09	1	19	15	-	-	-	-	-	-	1	5	-	3.59	68	-	-		
	Ness Gardens	99	180	10.6	3.8	7.2	-	20.6	30	-1.1	14	-	3.58	-	1.17	1	18	17	-	-	-	-	-	-	4	9	-	-	-	-	-		
	Winnington	99	65	10.9	4.9	7.9	-	22.2	30	-0.6	3, 4	-	3.53	-	1.40	1	18	12	3	1	0	1	0	0	2	4	0	-	-	-	-		
	Knutsford	99	212	10.4	4.0	7.2	-	22.6	30	-2.8	4	6.9	6.7	3.17	160	1.04	1	17	13	-	1	-	-	-	2	8	-	-	-	-	-		
	Ringway	21-9	248	10.1	4.3	7.2	-0.9	21.6	30	-2.0	4	-	-	3.15	167	1.19	1	15	13	5	1	0	0	0	0	2	4	0	3.38	74	-	-	
	Macclesfield	99	500	9.3	3.8	6.5	-1.4	21.1	30	-1.1	4	-	-	2.65	109	.98	1	15	12	6	0	0	0	0	0	3	6	0	-	-	-	-	
7b NORTH WALES																																	
Flint	Rhyl	99	31	9.9	4.8	7.3	-1.3	18.9	30	0.0	15	-	2.67	169	.83	1	16	11	4	0	0	0	0	1	0	1	2	0	3.77	70	-	-	
	Prestatyn	99	12	10.2	4.6	7.4	-	20.0	30	-0.6	15	-	3.48	206	1.14	1	19	14	4	0	0	0	0	1	0	1	-	0	3.44	67	-	-	
Anglesey	Hawarden Bridge	99	17	10.5	4.6	7.5	-1.4	21.7	30	-1.1	4	-	3.51	199	1.00	1	21	18	4	1	0	1	1	0	3	-	0	-	-	-	-		
	Valley	21-9	33	10.4	5.0	7.7	-0.8	16.3	30	-0.6	4	-	3.68	195	.66	1	15	12	3	0	0	0	0	0	0	1	4	1	4.24	71	-	-	
Denbigh	Colwyn Bay	99	118	10.1	4.6	7.3	-1.4	17.2	30	-0.6	15	7.4	-	1.99	115	.57	1	15	11	4	1	0	0	0	0	3	-	0	3.67	66	-	-	
	Alwen	99	1100	7.7	1.7	4.7	-	20.0	30	-3.3	14	-	3.98	129	1.22	1	20	18	-	-	-	-	-	-	13	15	-	-	-	-	-		
Caernarvon	Ruthin	99	248	9.7	3.5	6.6	-	21.1	30	-2.2	4	-	2.76	-	1.22	1	15	13	-	2	-	-	-	-	0	4	-	-	3.34	-	-	-	
	Loggerheads	99	690	8.7	2.8	5.7	-	20.0	30	-1.9	14	5.7	6.1	5.05	-	1.33	1	21	16	9	6	0	0	0	1	8	7	9	0	-	-	-	
	Bwlchwyn	99	1267	7.2	1.9	4.5	-	17.2	30	-3.9	14	-	-	5.26	183	.92	1	20	20	7	7	0	0	0	10	9	8	0	-	-	-	-	
	Wrexham	99	275	9.8	3.7	6.7	-	20.6	30	-1.7	4	6.6	6.4	4.24	190	1.10	1	21	20	3	1	0	0	0	1	3	9	0	-	-	-	-	
	Bardsey Island	21-9	61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Botwnnog	99	112	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Bryn Adda	99	275	10.9	4.9	7.9	-	20.0	30	0.0	14, 15	-	-	3.97	154	1.92	1	14	11	2	0	0	0	0	0	1	10	0	4.59	-	-	-	
Merioneth	Cwm Dyli	99	324	9.5	3.9	6.7	-	22.2	30	-1.7	3	6.7	-	10.11	124	2.51	1	21	18	-	-	-	-	-	0	4	9	-	-	-	-	-	
	Aber	99	60	10.9	5.3	8.1	-0.7	17.2	30	0.0	15	-	-	4.22	181	1.62	1	17	12	5	1	0	0	1	0	1	7	2	4.06	76	-	-	
	Llandudno	99	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Blaenau Ffestiniog	99	750	(9.6)	(3.5)	(6.5)	-	(18.3)	(30)	-1.1	14, 20, 21	-	-	7.75	138	1.69	1	22	18	-	2	-	-	-	-	1	4	-	-	(2.70)	-	-	-
	Corwen	99	473	9.7	3.0	6.3	-	20.6	30	-2.8	3	-	-	3.43	130	.79	1	20	16	7	1	0	0	0	-	8	13	0	-	-	-	S	
	Montgomery	99	200	10.2	3.7	6.9	-	22.2	30	-3.9	3	-	-	6.02	-	1.09	1	20	16	-	-	-	-	-	0	3	6	-	-	-	-	-	
	Lake Vyrnwy	99	995	7.6	2.3	4.9	-	18.3	30	-2.8	14	5.2	-	5.83	144	1.35	1	19	18	5	4	0	0	0	0	4	7	17	0	-	-	-	-
8a SOUTH WALES																																	
Cardigan	Aberporth	21-9	378	10.6	5.4	8.0	-0.2	17.2	30	-1.5	14	-	4.25	179	.54	14	17	16	2	2	0	1	0	1	1	4	0	3.79	-	-	-	-	
	Aberystwyth	99	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Ffrongoch	99	452	10.1	4.3	7.2	-0.8	18.3	30	-1.1	3	-	-	3.27	140	.46	1	17	13	2	0	0	1	1	0	2	5	0	3.31	63	-	-	
	Gogerddan	99	103	10.9	4.5	7.7	-	18.9	30	-4.4	3	-	-	2.65	115	.44	1	14	12	2	0	1	0	1	0	1	8	1	3.64	-	-	-	-
	Swyddfynnon	99	540	9.8	3.8	6.8	-	21.1	30	-2.2	14	-	-	2.57	83	.39	21	16	12	-	1	-	-	-	1	3	9	-	3.05	-	-	-	
	Trawscod	99	200	10.8	4.3	7.5	-	21.1	30	-5.0	3	7.9	-	2.43	86	.45	1	15	10	2	0	0	0	0	3	10	0	3.46	-	-	-	-	
	Llety-evan-hen	99	950	8.7	3.4	6.1	-	18.9	30	-2.2	3	-	-	4.16	123	.62	21	18	14	1	0	2	0	0	1	5	8	3	3.30	68	-	-	
	Cwmystwyth	99	989	(8.9)	(2.7)	(5.8)	-	20.0	30	-3.9	14	-	-	3.18	-	.55	15, 21	11	-	1	-	-	-	-	8								

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

APRIL,

1966

DISTRICT, COUNTY AND PLACE	Terminal hr. GMT of Observation	Height of Station above MSL (feet)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days										BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
			MEANS OF				HIGHEST MAXIMUM AND LOWEST MINIMUM				1 ft.	4 ft.	Total fall (inches)	Per cent of Average	Amount (inches)	Precip'n (0.01 in or more)	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below °C	Gale	Daily Mean (hr.)	Per cent of Average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
			A Max.	B Min.	Mean Temperatures (Mean of A & B)	Difference from Average	Maximum	Date	Minimum	Date																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
86 ENGLAND, S.W.—cont.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											</

TABLE IV

—SUMMARY OF OBSERVATIONS AT FIXED HOURS

APRIL,

1966

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (ft.)		Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Yards and Miles)										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	0-44 yds.	46-210 yds.	220-430 yds.	440-1,000 yds.	1,100-2,100 yds.	2,200-4,300 yds.	3-6 mi.	7-12 mi.	13-24 mi.	25 or over mi.	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																																							
0 SCOTLAND, N.																																							
Zetland Lerwick	273 ft.	3	1012.3	-	2.7	0.8	6.5	85	5.5	2	4	7	9	7	1	0	1	0	0	1	0	3	2	13	10	0	2	15	13	0	5	4	8	1	4	6	2	0	
		9	1012.6	+1.5	4.7	1.3	6.9	79	5.4	0	5	7	15	3	0	0	0	0	0	2	1	3	4	10	10	0	5	15	9	1	4	2	7	5	5	4	3	1	
		15	1013.1	-	5.3	1.4	6.9	76	5.6	0	4	8	12	5	1	0	1	0	0	0	1	2	4	14	8	0	0	5	13	12	0	2	4	6	7	4	3	1	
		21	1013.5	-	3.3	1.0	6.6	84	5.6	0	6	4	13	7	0	0	0	0	1	1	2	3	2	12	9	0	6	6	16	2	1	2	10	3	5	5	2	5	0
		3	1012.0	-	3.0	1.1	6.3	81	5.1	0	9	4	12	5	0	0	0	0	0	0	1	1	5	19	4	0	0	0	14	14	2	1	1	9	5	4	4	2	2
Orkney Kirkwall	86 ft.	3	1012.2	+0.6	5.5	1.8	6.7	71	5.8	0	4	5	16	5	0	0	0	0	0	0	0	1	3	14	12	0	0	5	12	11	2	2	3	9	6	3	1	3	1
		9	1012.3	-	6.8	2.3	6.8	67	5.9	0	3	7	14	6	0	0	0	0	0	0	0	2	2	14	12	0	3	17	10	0	2	1	10	9	2	3	3	0	
		15	1013.1	-	3.8	1.1	6.7	81	5.4	0	5	7	15	3	0	0	0	0	0	0	0	2	5	16	7	0	0	12	13	5	0	2	9	6	5	1	2	0	
		21	1013.5	-	3.1	1.2	6.2	80	5.0	1	7	6	8	7	1	0	0	0	1	0	0	0	2	6	14	7	0	1	16	13	0	0	0	11	5	6	3	3	2
		3	1011.7	-	5.1	1.7	6.6	74	5.8	0	6	2	16	6	0	0	0	0	0	0	0	5	5	9	11	0	0	17	12	1	2	2	10	7	3	1	2	2	
Caithness Wick	121 ft.	9	1011.9	-0.1	5.1	1.7	6.6	74	5.8	0	6	2	16	6	0	0	0	0	0	0	0	5	5	9	11	0	0	17	12	1	2	2	10	7	3	1	2	2	
		15	1011.8	-	6.5	2.2	6.6	67	5.4	0	7	4	11	8	0	0	0	0	0	0	1	2	6	8	13	0	0	19	11	0	0	1	12	11	3	1	1	1	
		21	1012.7	-	4.4	1.4	6.6	77	5.2	0	10	3	9	8	0	0	0	0	0	0	0	4	3	13	10	0	1	15	12	2	0	0	3	11	6	4	1	2	1
		3	1009.9	-	3.7	1.1	6.7	81	5.0	1	8	6	3	12	0	0	0	0	0	0	0	0	3	16	11	3	6	12	9	0	0	0	2	16	3	0	7	1	1
		9	1009.5	-	4.8	1.3	7.0	78	5.8	0	5	7	6	11	1	0	0	1	0	0	0	1	2	14	12	4	6	8	9	3	0	0	14	4	2	4	0	3	
Sutherland Cape Wrath*	371 ft.	15	1009.6	-	5.9	1.6	7.2	76	5.8	0	4	7	9	10	0	0	0	0	0	0	1	3	15	11	2	7	10	11	0	0	0	3	17	2	1	4	2	1	
		21	1010.5	-	4.6	1.1	7.0	80	6.0	0	2	7	11	10	0	0	0	0	0	0	0	6	13	11	2	7	14	7	0	0	0	4	15	1	1	7	1	1	
		3	1010.1	-	3.4	0.9	6.7	83	4.9	5	4	5	8	8	0	0	0	0	0	0	0	1	13	12	4	3	15	8	4	1	0	10	7	4	1	1	2		
		9	1010.3	-1.7	5.6	1.6	7.0	75	5.6	0	4	10	5	11	0	0	0	0	0	0	0	2	9	6	13	0	6	14	8	2	1	0	10	9	6	1	0	1	
		15	1010.0	-	7.3	2.1	7.3	70	4.9	0	9	6	8	7	0	0	0	0	0	0	0	1	8	10	11	0	5	12	12	1	0	4	11	6	6	1	1	0	
Ross & Cromarty Stornoway	16 ft.	21	1010.9	-	5.1	1.2	7.2	80	4.2	2	9	6	5	8	0	0	0	0	0	0	1	1	10	8	0	3	18	6	3	1	1	1	11	6	4	3	0	1	
		3	1008.7	-	4.2	0.9	7.3	86	4.7	7	3	3	8	9	0	0	0	0	0	0	1	2	7	13	7	0	5	14	9	2	1	2	11	5	6	1	1	1	
		9	1008.6	-3.9	6.0	1.3	7.6	79	5.6	0	7	2	13	8	0	0	0	0	0	0	0	4	6	8	12	0	4	17	8	1	1	0	14	7	6	0	1	0	
		15	1008.7	-	7.8	1.8	8.0	74	4.9	0	11	1	13	5	0	0	0	0	0	0	0	4	4	7	15	0	3	19	8	0	1	4	8	7	6	1	2	1	
		21	1009.5	-	5.5	1.1	7.7	83	4.9	1	9	4	6	9	1	0	0	1	0	0	1	2	5	7	14	0	3	17	8	2	1	1	11	6	6	2	0	1	
1 SCOTLAND, E.																																							
Moray Kinloss	19 ft.	3	1011.5	-	2.5	1.1	6.2	82	5.3	1	7	5	6	11	0	0	0	0	0	0	1	2	3	11	13	0	1	9	20	0	0	1	12	2	5	8	1	1	
		9	1011.8	-0.7	5.6	1.9	6.5	70	5.9	0	4	5	15	6	0	0	0	0	0	0	1	2	6	8	14	0	1	16	13	0	2	0	12	4	5	3	3	1	
		15	1011.2	-	8.0	3.0	6.5	60	6.1	0	4	4	15	7	0	0	0	0	0	0	1	2	2	10	15	0	4	19	7	0	2	4	12	2	2	5	2	1	
		21	1012.5	-	4.2	1.5	6.5	78	4.9	0	11	1	11	7	0	0	0	0	0	0	1	3	4	8	14	0	2	10	18	0	0	1	17	0	5	7	0	0	
		3	1011.7	-	2.5	0.9	6.3	84	5.8	1	4	4	10	11	0	0	0	0	1	0	0	0	11	12	2	4	0	1	8	16	5	0	0	11	3	2	4	3	2
Aberdeen Dyce	193 ft.	9	1011.7	-1.3	4.9	1.5	6.8	76	6.2	0	3	6	11	10	0	0	0	0	0	1	3	8	9	7	2	0	1	20	5	4	2	0	9	4	3	3	2	3	
		15	1011.6	-	6.6	2.2	6.7	69	7.0	0	0	2	19	9	0	0	0	0	0	0	5	6	7	7	5	0	0	22	8	0	3	0	12	5	6	1	2	1	
		21	1012.7	-	3.9	1.4	6.5	79	5.4	0	7	5	8	10	0	0	0	0	0	1	3	14	7	1	4	0	0	11	15	4	0	0	11	3	6	5	1	0	
		3	1011.8	-	3.4	1.2	6.3	79	5.3	0	4	8	17	1	0	0	0	0	0	0	0	2	28	0	0	0	5	11	12	2	2	0	11	2	6	1	6	0	
		9	1012.1	-0.4	5.4	1.9	6.6	71	5.4	0	1	13	13	3	0	0	0	0	0	0	0	3	23	4	0	0	7	14	8	1	2	0	13	4	5	1	2	2	
Angus Usan	114 ft.	15	1011.8	-	6.5	2.2	6.7	68	5.2	0	0	16	11	3	0	0	0	0	0	0	3	19	8	0	0	5	18	7	0	3	0	17	3	5	1	1	0		
		21	1012.9	-	4.5	1.4	6.7	76	4.7	0	6	10	12	2	0	0	0	0	0	0	2	28	0	0	0	3	11	16	0	2	0	16	1	6	1	4	0		
		3	1010.8	-	3.8	0.8	7.1	86	6.0	0	3	8	4	15	0	0	0	0	0	0	3	3	10	11	0	2	13	15	0	2	1	12	2	3	5	2	3		
		9	1011.2	-	4.9	1.1	7.3	83	6.1	0	5	3	10	11	1	0	0	1	0	0	0	5	7	3	14	0	2	17	11	0	1	4	12	3	3	3	1		
		15	1010.6	-	6.2	1.5	7.5	77	6.3	0	2	6	12	10	0	0	0	0	0	0	3	3	4	4	16	0	1	19	10	0	1	0	17	2	7	1	2	0	
Fife Leuchars	38 ft.	21	1011.9	-	4.9	1.0	7.4	84	5.6	0	6	6	7	11	0	1	0	1	0	0	3	1	1	8	15	0	1	13	15	1	2	0	16	0	1	6	4	0	
		3	1010.6	-	3.5	0.8	7.0	86	6.5	1	3	2	6	18	0	0	0	0	0	0	3	7	7	13	0	0	4	14	11	1	2	2	11	3	1	5	4	1	
		9	1011.0	-2.4	5.5	1.4	7.2	78	6.2	0	5	2	12	11	0	0	0	0	0	2	2	7	5	11	3	0	5												

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

APRIL,

1966

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (ft.)	Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Yards and Miles)										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	0-44 yds.	45-210 yds.	220-430 yds.	440-1,000 yds.	1,100-2,100 yds.	2,200-4,300 yds.	3-6 mi.	7-12 mi.	13-24 mi.	25 or over mi.	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																																							
2 ENGLAND, N.E.																																							
Northumberland Acklington 151 ft.	3	1010.6	-	4.0	0.8	7.2	87	6.6	2	1	4	4	19	0	0	0	0	0	0	0	0	0	0	0	0	0	1	17	12	0	2	2	14	3	6	1	2	0	
	9	1010.9	-3.0	5.5	1.4	7.3	80	7.1	0	1	3	7	17	2	0	1	0	0	0	0	0	0	0	0	0	0	4	17	9	0	2	2	14	2	3	2	1	3	
	15	1010.9	-	7.2	2.3	7.1	71	6.8	0	0	6	11	12	1	0	0	1	0	0	0	0	0	0	0	0	0	5	18	7	0	2	2	11	2	7	0	0		
	21	1012.0	-	4.5	0.9	7.3	85	6.6	0	1	6	8	15	0	0	0	0	0	0	0	0	0	0	0	0	0	1	15	12	2	2	2	12	2	3	5	1	0	
	21	1011.0	-	4.8	1.1	7.1	82	6.3	2	1	5	5	17	0	0	0	0	0	0	0	0	0	0	0	0	0	2	21	6	1	1	3	14	1	3	4	3	0	
Tynemouth 130 ft.	3	1011.3	-3.2	5.6	1.4	7.3	80	6.9	0	1	5	7	17	0	0	0	0	0	0	0	0	0	0	0	0	0	1	25	4	0	3	2	15	0	5	2	2	1	
	9	1011.3	-	6.8	2.0	7.2	73	6.6	0	0	8	7	14	1	0	1	0	0	0	0	0	0	0	0	0	0	4	19	7	0	3	2	14	2	3	2	3	0	
	15	1012.1	-	5.5	1.3	7.3	79	6.6	0	2	5	7	16	0	0	0	0	0	0	0	0	0	0	0	0	0	5	12	12	1	3	2	13	1	4	2	4	0	
	21	1012.1	-	5.5	1.3	7.3	79	6.6	0	2	5	7	16	0	0	0	0	0	0	0	0	0	0	0	0	0	5	12	12	1	3	2	13	1	4	2	4	0	
	21	1011.1	-	5.7	1.5	7.1	77	6.8	0	1	4	12	12	1	0	1	0	0	0	0	0	0	0	0	0	0	2	11	14	3	1	4	9	4	1	3	5	0	
Seahouses 41 ft.	3	1011.1	-	7.1	2.2	7.1	71	6.5	0	1	6	13	10	0	0	0	0	0	0	0	0	0	0	0	0	0	1	16	12	2	1	3	6	8	4	1	3	2	
	9	1011.9	-	5.6	1.6	7.0	76	6.6	0	0	7	10	12	1	0	0	0	0	0	0	0	0	0	0	0	0	1	11	17	1	4	2	11	4	1	3	4	0	
	15	1010.3	-	4.3	0.9	7.2	85	6.7	2	2	1	4	20	1	0	0	0	0	0	0	0	0	0	0	0	0	1	10	16	3	0	2	6	9	2	3	5	0	
	21	1010.3	-	6.1	1.3	7.7	81	7.2	0	1	3	5	21	0	0	0	0	0	0	0	0	0	0	0	0	0	1	10	16	3	0	2	6	9	2	3	5	0	
	21	1010.6	-	7.9	2.3	7.6	72	7.0	0	1	2	12	15	0	0	0	0	0	0	0	0	0	0	0	0	0	1	10	16	3	0	2	6	9	2	3	5	0	
Whitby Coastguard 210 ft.	3	1010.6	-	5.3	1.1	7.5	83	6.3	0	4	3	9	13	1	0	0	0	0	0	0	0	0	0	0	0	0	7	21	2	6	6	5	4	3	2	2	0	0	
	9	1010.6	-	5.7	1.1	7.8	84	7.0	0	0	5	6	17	2	1	1	1	0	0	0	0	0	0	0	0	0	4	17	9	0	0	6	12	0	7	0	2	3	
	15	1010.8	-	6.9	1.4	8.0	80	6.8	0	1	4	9	13	3	2	1	0	2	0	1	2	18	4	0	0	0	2	18	9	1	4	3	13	0	6	1	1	1	
	21	1011.7	-	5.3	1.1	7.6	84	6.4	0	1	9	5	15	0	0	0	0	0	0	0	0	0	0	0	0	0	3	15	11	1	1	4	13	1	4	3	1	2	
	21	1010.4	-	4.6	0.9	7.4	86	6.2	2	4	2	2	17	3	0	0	2	1	1	4	11	6	2	3	0	0	0	16	13	1	2	9	7	1	5	2	3	0	
Yorks, E. Riding Leconfield 28 ft.	3	1010.6	-4.2	6.7	1.4	8.0	81	7.0	0	2	3	7	18	0	0	0	0	0	0	0	0	0	0	0	0	0	2	21	7	0	3	8	7	1	6	2	3	1	
	9	1010.7	-	8.1	2.1	7.9	75	7.1	0	1	2	9	18	0	0	0	0	0	0	0	0	0	0	0	0	0	2	19	9	0	2	5	13	1	4	2	3	0	
	15	1011.7	-	5.3	1.0	7.7	85	6.2	0	4	5	6	14	1	0	0	1	0	0	0	1	4	15	4	3	2	0	13	16	1	1	7	8	4	2	3	2	0	
	21	1011.7	-	5.3	1.0	7.7	85	6.2	0	4	5	6	14	1	0	0	1	0	0	0	1	4	15	4	3	2	0	13	16	1	1	7	8	4	2	3	2	0	
	21	1010.0	-	5.1	0.6	7.9	88	6.4	0	3	2	3	6	18	2	0	0	0	0	0	0	6	21	0	0	0	7	14	9	0	1	3	13	1	3	5	4	0	
Kilnsea 51 ft.	3	1010.3	-4.6	6.2	1.0	8.1	85	7.0	0	1	3	6	18	2	0	2	0	0	0	0	6	21	0	0	0	0	9	14	6	1	2	13	2	2	4	4	0	0	
	9	1010.3	-	5.7	1.1	7.8	84	7.0	0	0	5	6	17	2	1	1	1	0	0	0	0	0	0	0	0	0	4	17	9	0	0	6	12	0	7	0	2	3	
	15	1010.8	-	6.9	1.4	8.0	80	6.8	0	1	4	9	13	3	2	1	0	2	0	1	2	18	4	0	0	0	2	18	9	1	4	3	13	0	6	1	1	1	
	21	1011.7	-	5.3	1.1	7.6	84	6.4	0	1	9	5	15	0	0	0	0	0	0	0	0	0	0	0	0	0	3	15	11	1	1	4	13	1	4	3	1	2	
	21	1010.4	-	4.6	0.9	7.4	86	6.2	2	4	2	2	17	3	0	0	2	1	1	4	9	9	5	0	0	0	0	14	16	0	4	6	10	1	4	3	2	0	
Lincoln Waddington 227 ft.	3	1010.6	-	6.7	1.4	8.0	81	7.0	0	2	3	7	18	0	0	0	0	0	0	0	0	0	0	0	0	0	2	21	7	0	3	8	7	1	6	2	3	0	
	9	1010.7	-	8.1	2.1	7.9	75	7.1	0	1	2	9	18	0	0	0	0	0	0	0	0	0	0	0	0	0	2	19	9	0	2	5	13	1	4	2	3	0	
	15	1011.7	-	5.3	1.0	7.7	85	6.2	0	4	5	6	14	1	0	0	1	0	0	0	1	4	15	4	3	2	0	13	16	1	1	7	8	4	2	3	2	0	
	21	1011.0	-	5.1	0.6	7.9	88	6.4	0	3	2	3	6	18	2	0	0	0	0	0	0	6	21	0	0	0	7	14	9	0	1	3	13	1	3	5	4	0	
	21	1010.3	-	6.2	1.0	8.1	85	7.0	0	1	3	6	18	2	0	2	0	0	0	0	0	6	21	0	0	0	9	14	6	1	2	13	2	2	4	4	0		
Binbrook 356 ft.	3	1011.6	-	5.6	0.8	8.1	88	6.7	0	2	5	4	18	1	0	1	0	0	0	0	0	0	0	0	0	0	6	15	7	1	0	4	14	3	5	1	2	0	
	9	1010.1	-	4.8	0.7	8.2	90	6.5	2	3	1	4	18	2	0	0	0	0	0	0	0	0	0	0	0	0	1	6	16	7	1	0	4	14	3	5	1	2	0
	15	1010.3	-5.1	6.5	1.2	8.1	83	6.9	0	2	2	7	19	0	0	0	0	0	0	0	2	11	8	2	3	0	0	16	13	1	2	9	7	1	5	4	2	0	
	21	1010.1	-	8.5	2.2	8.1	74	6.9	0	0	5	8	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21	9	0	4	9	6	0	4	3	3	1	
	21	1011.2	-	5.7	0.9	8.1	87	6.2	0	5	3	5	15	2	0	1	1	0	0	0	0	3	7	7	5	0	0	0	19	11	0	2	9	7	1	5	4	2	0
Manby 47 ft.	3	1010.2	-	4.5	0.7	8.1	87	6.4	3	1	3	4	16	3	0	0	2	3	1	1	11	4	8	0	0	0	0	14	16	0	4	6	10	1	4	3	2	0	
	9	1010.3	-	6.0	1.2	7.8	83	7.2	0	3	10	15	2	0	1	1	0	0	0	0	0	0	0	0	0	0	2	17	11	0	3	5	10	0	7	3	2	1	
	15	1010.3	-	7.6	2.0	7.8	76	7.1	0	1	5	7	15																										

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

APRIL,

1966

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (ft.)		Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Yards and Miles)							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	0-44 yds.	45-210 yds.	220-430 yds.	440-1,000 yds.	1,100-2,100 yds.	2,200-4,300 yds.	3-6 mi.	7-12 mi.	13-24 mi.	25 or over mi.	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	
																										SPEED IN KNOTS													
																										8 or more	7	6	5	4									
																										25-33	11-21	1-10	0										
Number of Observations																																							
4 MIDLAND COUNTIES —cont.																																							
Finningley 46 ft.	3	1010.1	-	4.9	0.7	7.8	89	5.7	6	1	3	1	17	2	0	1	1	0	0	5	11	10	2	0	0	0	4	24	2	7	8	3	3	3	3	1	0		
	9	1010.4	-4.8	6.8	1.2	8.3	83	7.1	0	0	5	7	18	0	0	0	0	0	1	2	11	12	2	0	0	0	12	17	1	5	7	4	1	5	2	2	3		
	15	1010.4	-	8.9	2.4	8.2	72	6.7	0	2	5	8	15	0	0	0	0	0	1	2	11	12	2	0	0	0	8	12	0	5	9	6	0	4	2	4	0		
Northampton Wittering 219 ft.	3	1011.4	-	6.1	1.0	8.1	85	5.9	2	6	1	4	17	0	0	0	0	1	1	5	14	6	3	0	0	0	3	25	2	6	8	5	2	3	3	1	0		
	9	1009.7	-	4.9	0.6	8.0	90	5.4	2	3	2	4	16	3	0	1	0	2	1	5	8	11	1	1	0	0	8	22	0	6	5	6	2	3	3	5	0		
	15	1010.1	-5.6	7.3	1.2	8.6	83	5.9	0	2	2	9	16	1	0	1	0	1	2	1	10	12	2	1	0	0	21	9	0	3	6	6	1	6	4	4	0		
Warwick Edgbaston 542 ft.	3	1009.7	-	9.5	2.2	8.7	74	7.0	0	0	6	8	16	0	0	0	0	0	3	2	7	4	7	7	0	2	19	9	0	1	10	5	2	2	4	4	2		
	9	1010.9	-	6.4	0.9	8.5	87	5.2	1	2	8	1	17	1	0	0	2	2	1	5	5	9	5	1	0	0	10	17	3	4	9	3	1	2	4	3	1		
	15	1009.6	-6.3	6.2	1.1	8.2	86	5.5	0	4	5	3	17	1	0	1	0	3	4	5	3	9	5	0	0	0	10	20	0	2	16	6	0	2	1	1			
Elmdon 362 ft.	3	1009.3	-	8.8	2.1	8.3	74	6.7	0	1	6	6	17	0	0	0	0	0	3	6	5	3	10	3	0	0	11	19	0	1	4	10	1	3	7	3	1		
	9	1010.5	-	7.0	1.4	8.3	82	6.2	1	4	3	5	17	0	0	0	0	2	3	3	10	11	1	0	0	6	24	0	1	3	12	2	4	3	3	2			
	15	1009.4	-	4.7	0.5	8.0	91	6.5	2	1	3	7	15	2	0	1	0	2	2	8	5	12	0	0	0	6	21	3	3	1	11	1	4	3	4	0			
Shropshire Shawbury 249 ft.	3	1009.5	-	6.7	1.2	8.4	85	6.9	0	2	3	7	17	1	0	0	1	0	3	8	9	9	0	0	0	16	14	0	2	3	12	0	3	7	2	1			
	9	1009.7	-	9.0	2.3	8.1	72	7.1	0	0	3	12	15	0	0	0	0	0	2	4	11	11	2	0	0	1	15	14	0	2	4	9	2	2	7	4	0		
	15	1010.4	-	6.8	1.2	8.4	83	6.1	1	6	1	5	17	0	0	0	0	0	3	10	14	3	0	0	0	7	22	1	2	5	9	3	5	3	2	0			
Worcester Persore 117 ft.	3	1008.9	-	5.0	0.6	8.0	90	7.0	0	2	2	5	21	0	0	0	1	2	6	4	6	8	3	0	0	7	20	3	2	1	13	1	6	2	2	0			
	9	1009.2	-	6.7	1.3	8.2	82	6.8	0	3	1	9	17	0	0	0	1	0	6	6	7	9	1	0	0	16	14	0	3	1	12	3	2	5	3	1			
	15	1009.1	-	9.2	2.5	8.1	71	6.4	0	2	7	7	14	0	0	0	0	0	2	0	11	6	7	4	0	0	16	14	0	3	1	12	3	2	5	3	0		
Hereford Ross-on-Wye 226 ft.	3	1010.2	-	6.2	1.1	8.1	83	6.7	0	2	4	9	15	0	0	0	0	3	4	6	9	6	2	0	0	6	21	3	1	1	14	2	2	4	3	0			
	9	1009.1	-	5.3	0.5	8.3	92	6.2	2	3	2	6	17	0	0	0	0	1	2	4	12	7	4	0	0	0	16	10	4	1	3	9	2	4	6	1	0		
	15	1009.3	-	7.6	1.2	8.9	85	6.8	0	1	4	7	18	0	0	0	0	0	2	5	11	6	5	1	0	0	18	12	0	2	0	12	3	3	7	3	0		
Gloucester Filton 197 ft.	3	1009.2	-	9.8	2.1	9.1	76	7.0	0	0	5	8	17	0	0	0	0	0	1	4	8	5	7	5	0	2	19	9	0	2	3	11	1	0	7	6	0		
	9	1010.2	-	7.2	1.1	8.8	85	5.7	2	6	2	3	17	0	0	0	0	0	2	2	7	13	5	1	0	0	18	3	2	1	13	0	5	5	0	1			
	15	1008.7	-7.3	7.5	1.1	8.9	85	6.8	0	2	4	6	18	0	0	0	1	1	4	15	3	6	0	0	6	24	0	2	6	7	1	4	7	3	0				
Little Rissington 751 ft.	3	1008.7	-	9.6	2.2	8.8	74	6.6	0	3	4	7	16	0	0	0	0	0	2	10	3	14	1	0	0	4	26	0	3	5	9	0	2	6	5	0			
	9	1009.7	-	7.3	1.1	8.8	84	6.0	2	4	3	1	20	0	0	0	0	0	3	2	14	4	6	1	0	0	1	28	1	0	9	8	1	2	7	2	0		
	15	1008.8	-	6.0	0.5	8.0	91	6.3	3	1	4	19	0	0	0	0	0	3	6	8	13	0	0	0	1	12	10	7	4	6	4	0	6	3	0	0			
Greater London Heathrow 86 ft.	3	1009.0	-7.3	7.7	1.0	9.3	87	6.8	0	2	4	5	19	0	0	0	0	3	1	4	8	11	3	0	0	14	15	1	2	9	4	1	4	8	0	1			
	9	1008.9	-	10.0	2.1	9.2	75	6.8	0	2	2	11	15	0	0	0	0	0	1	2	10	6	10	1	0	1	14	14	1	4	7	4	1	2	8	1	2		
	15	1008.9	-	7.7	1.1	9.1	85	6.2	3	3	1	5	18	0	0	0	0	0	3	5	14	6	2	0	0	0	18	19	3	2	9	2	4	3	5	2	0		
Kent Deal 34 ft.	3	1009.3	-	6.4	0.8	8.7	88	6.3	2	3	2	6	16	1	0	0	0	1	3	2	10	13	1	0	0	10	18	2	5	8	3	0	7	5	0	0			
	9	1009.4	-	8.1	1.3	9.0	82	6.8	0	4	1	5	20	0	0	0	0	0	1	6	7	11	3	1	0	0	11	19	0	4	7	3	2	4	7	2	1		
	15	1010.3	-	10.4	2.2	9.3	74	7.1	0	1	0	15	14	0	0	0	0	0	1	5	10	4	7	3	0	0	11	19	0	6	7	3	1	6	7	0	0		
Surrey Gatwick 195 ft.	3	1010.3	-	8.1	1.4	8.9	81	6.1	1	4	4	7	14	0	0	0	0	2	5	8	12	3	0	0	0	6	23	1	2	9	5	2	5	5	1	0			
	9	1009.2	-	4.6	0.4	8.1	94	6.3	2	3	3	1	14	7	1	2	3	2	2	7	7	3	1	0	0	9	20	1	1	9	5	1	4	5	4	0			
	15	1009.3	-6.6	6.2	0.9	8.5	89	6.8	0	2	3	7	14	4	0	3	1	0	2	5	11	3	2	0	0	19	11	0	2	4	9	2	2	9	1	1			
Sussex Thorney Island 35 ft.	3	1009.0	-	8.3	1.7	8.6	79	7.0	0	2	1	11	16	0	0	0	1	0	2	5	6	6	7	3	0	2	15	13	0	2	5	9	0	2	7	5	0		
	9	1010.3	-	6.1	0.8	8.4	89	5.7	3	5	1	5	14	2	0	0	0	2	1	3	4	8	9	4	0	1	1	3	4	8	9	4	1	5	4	1			
	15	1008.9	-	10.0	2.1	9.2	75	6.8	0	2	2	11	15	0	0	0	0	0	1	2	10	6	10	1	0	1	14	14	1	4	7	4	1	2	8	1	2		
Hampshire Hurn 46 ft.	3	1009.3	-	6.4	0.8	8.7	88	6.3	2	3	2	6	16	1	0	0	0	1	3	2	10	13	1	0	0	10	18	2	5	8	3	0	7	5	0	0			
	9	1009.4	-	8.1	1.3	9.0	82	6.8	0	4	1	5	20	0	0	0	0	0	1	6	7	11	3	1	0	0	11	19	0	4	7	3	2	4	7	0	0		
	15	1010.3	-	10.4	2.2	9.3	74	7.1	0	1	0	15	14	0	0	0	0	0	1	5	10	4	7	3	0	0	11	19	0	6	7	3	1	6	7	0	0		
Wiltshire Lyneham 489 ft.	3	1010.3	-	8.1	1.4	8.9	81	6.1	1	4	4	7	14	0	0	0	0	2	5	8	12	3	0	0	0	6	23	1	2	9	5	2	5	5	1	0			
	9	1009.2	-	4.6	0.4	8.1	94	6.3	2	3																													

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

APRIL,

1966

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (ft.)	Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Yards and Miles)							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	0-44 yds.	45-210 yds.	220-430 yds.	440-1,000 yds.	1,100-2,100 yds.	2,200-4,300 yds.	3-6 mi.	7-12 mi.	13-24 mi.	25 or over mi.	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	23-23	11-21	1-10	0												
																									Number of Observations																
7a ENGLAND, N.W.																																									
Cumberland Carlisle	3	1010.1	-	4.1	0.9	7.1	85	5.5	1	3	3	5	18	0	0	0	0	0	1	13	8	8	0	0	0	13	16	1	2	2	15	3	1	5	1	0	0				
	9	1010.4	-	6.0	1.5	7.4	77	5.5	0	1	5	12	12	0	0	0	0	0	0	11	11	5	3	0	0	19	10	1	3	1	16	1	2	4	2	0	0				
	15	1010.4	-	7.8	2.4	7.3	68	5.5	0	1	8	10	11	0	0	0	0	0	0	8	6	6	8	0	0	24	6	0	0	1	18	0	2	7	2	0	0				
	21	1011.4	-	5.0	1.1	7.3	82	5.2	2	3	3	6	16	0	0	0	0	0	0	1	17	7	4	1	0	0	13	15	2	1	0	18	1	3	5	0	0	0			
	3	-	-	-1.4	0.0	5.5	98	7.7	1	0	0	0	0	29	13	16	0	0	0	0	0	0	1	0	2	13	10	5	0	0	7	12	0	2	7	2	0	0			
Westmorland Great Dun Fell	9	-	-	-0.9	0.0	5.8	98	7.6	0	1	1	2	0	26	5	21	0	0	0	0	0	2	2	0	4	14	9	3	0	0	6	13	0	3	4	3	1	0			
	15	-	-	0.6	0.4	6.0	93	7.0	0	2	3	5	1	19	6	12	0	0	0	0	2	2	7	1	3	13	10	4	0	0	5	14	0	0	9	2	0	0			
	21	-	-	-0.8	0.2	5.6	95	7.2	1	0	3	0	2	24	7	18	0	0	0	0	0	1	4	0	2	10	14	4	0	0	6	13	0	4	6	1	0	0			
	3	1008.9	-	4.5	0.5	7.9	91	5.5	2	4	0	4	20	0	0	0	0	0	5	11	11	2	1	0	1	20	9	0	1	2	16	3	3	2	2	1	0	0			
	9	1009.2	-6.0	6.7	1.0	8.6	86	5.9	0	2	2	12	14	0	0	0	0	0	6	10	12	2	0	0	3	19	8	0	2	1	16	0	6	1	3	1	0				
Lancashire Squires Gate	15	1009.4	-	8.7	1.7	8.9	77	5.3	0	3	6	9	12	0	0	0	0	0	6	10	12	2	0	0	3	19	8	0	2	1	16	0	6	1	3	1	0				
	21	1010.1	-	5.5	0.7	8.2	89	5.0	0	4	5	6	15	0	0	0	0	0	12	11	7	0	0	0	2	19	9	0	1	4	14	1	1	3	5	1	0				
	3	1009.1	-	5.5	0.9	7.9	86	5.7	0	4	1	7	18	0	0	0	0	0	3	5	8	10	4	0	0	2	14	12	2	1	3	14	2	3	4	0	4	1			
	9	1009.4	-	7.1	1.5	8.2	79	5.7	0	2	5	6	17	0	0	0	0	0	3	6	10	5	6	0	0	1	16	13	0	1	3	12	3	4	0	5	2	0			
	15	1010.3	-	9.6	2.7	8.1	68	5.5	0	1	7	8	14	0	0	0	0	0	6	9	5	9	1	0	0	20	9	1	2	2	14	1	1	4	2	3	0				
Cheshire Ringway	21	1010.3	-	7.1	1.6	8.0	79	5.4	1	4	3	4	18	0	0	0	0	0	3	6	9	7	5	0	0	0	17	13	0	2	3	16	2	2	4	1	0	0			
	3	1009.2	-	5.2	1.4	7.1	78	5.9	1	1	3	4	21	0	0	0	0	1	3	13	12	1	0	0	0	14	14	2	2	5	10	1	6	2	1	1	0	0			
	9	1009.3	-5.9	7.1	2.1	7.3	70	5.9	0	1	4	7	18	0	0	0	0	0	4	13	13	0	0	0	2	19	9	0	1	3	12	0	7	2	4	1	0				
	15	1009.4	-	9.5	3.5	6.8	58	5.5	0	2	5	10	13	0	0	0	0	0	3	9	16	2	0	0	0	21	9	0	0	4	14	1	2	2	4	3	0				
	21	1010.4	-	6.7	1.8	7.0	70	5.2	0	6	3	4	17	0	0	0	0	0	7	17	6	0	0	0	0	14	15	1	2	7	11	2	4	3	0	0	0				
7b NORTH WALES																																									
Anglesey Valley	3	1007.3	-	6.1	0.6	8.7	89	5.7	0	4	2	3	21	0	0	0	0	0	1	19	6	2	2	1	8	13	8	0	4	0	14	2	6	1	3	0	0				
	9	1007.7	-7.5	7.4	1.1	8.9	85	5.9	0	3	0	11	16	0	0	0	0	0	1	2	9	11	5	2	0	8	16	6	0	2	3	14	0	7	3	1	0	0			
	15	1008.1	-	9.5	1.7	9.1	75	5.1	1	4	2	11	12	0	0	0	0	0	2	10	8	8	2	0	8	18	4	0	1	3	12	2	8	3	1	0	0				
	21	1008.7	-	7.0	1.0	8.7	86	5.1	0	4	5	6	15	0	0	0	0	0	1	2	14	7	3	3	0	6	16	7	1	1	2	14	0	8	1	2	1	0			
	3	1007.3	-	6.7	0.4	9.3	93	6.2	3	1	4	3	19	0	0	0	0	0	0	2	22	5	1	5	8	14	3	0	3	0	14	2	7	3	1	0	0				
Caernarvon Bardsey Island	9	1007.7	-	7.5	0.6	9.6	91	6.6	1	1	4	8	15	1	0	0	0	1	0	0	1	14	13	1	6	7	11	6	0	1	2	13	1	8	4	1	0	0			
	15	1008.0	-	8.9	0.9	10.0	87	6.1	0	3	8	3	16	0	0	0	0	0	0	3	14	11	2	2	10	11	7	0	1	2	13	1	7	4	2	0	0				
	21	1008.3	-	7.5	0.6	9.7	92	6.1	1	4	4	4	17	0	0	0	0	0	0	4	16	10	0	4	13	7	6	0	0	2	10	5	8	3	1	1	0				
	3	1006.9	-	6.3	0.5	9.0	93	5.8	3	2	5	5	14	1	0	0	0	1	0	1	11	8	1	0	0	8	17	5	1	2	5	4	8	3	1	1	0	0			
	9	1007.3	-8.3	7.7	0.9	9.4	88	5.8	0	1	2	16	10	1	0	0	0	1	1	0	4	14	10	0	0	1	13	16	0	2	1	9	4	7	3	3	1	0			
Pembroke Milford Haven C.B.	15	1007.9	-	9.8	1.6	9.7	79	5.2	0	5	1	15	9	0	0	0	0	0	0	5	11	11	3	0	0	13	17	0	2	1	7	5	8	3	4	0	0				
	21	1008.0	-	7.4	0.8	9.3	89	5.3	2	2	3	7	16	0	0	0	0	2	10	13	3	2	0	0	9	17	4	1	1	1	5	7	9	2	1	0	0				
	3	1007.1	-	7.2	0.7	9.3	90	5.3	4	1	2	3	20	0	0	0	0	0	20	8	2	0	0	3	15	12	0	3	0	13	2	4	5	2	1	0	0				
	9	1007.4	-	8.1	1.0	9.5	85	5.8	0	3	2	9	15	1	0	0	0	2	2	19	6	1	0	0	3	19	8	0	1	1	13	3	3	6	1	2	0	0			
	15	1007.9	-	9.5	1.2	9.8	81	5.3	0	3	5	8	14	0	0	0	0	0	1	20	8	1	0	0	3	16	11	0	1	0	8	8	6	4	2	1	0				
Glamorgan Mumbles	21	1008.2	-	8.2	0.9	9.8	88	5.3	0	6	2	3	19	0	0	0	0	1	20	8	1	0	0	0	5	12	12	1	2	0	14	2	4	4	2	1	0	0			
	3	1007.6	-	7.2	0.7	9.2	89	5.2	3	2	3	4	18	0	0	0	0	0	2	12	14	2	0	2	4	18	5	1	3	3	11	0	3	6	2	1	0	0			
	9	1007.8	-	7.5	0.9	9.2	88	5.8	0	1	5	8	16	0	0	0	1	0	1	18	9	1	0	2	5	15	8	0	2	1	14	3	2	6	2	0	0				
	15	1008.2	-	9.1	1.4	9.5	82	5.8	0	5	6	5	14	0	0	0	0	2	0	17	8	3	0	1	9	12	8	0	1	0	12	1	4	8	3	1	0				
	21	1008.8	-	8.0	1.0	9.3	86	5.2	0	6	2	4	18	0	0	0	0	1	1	13	12	0	0	3	7	13	7	0	1	2	15	2	1	4	4	1	0				
Rhoose	3	1008.4	-	6.1	0.5	8.8	91	5.8	0	2	3	7	18	4	0	0	1	1	3	3	6	4	11	1	0	2	13	14	1	0	5	11	0	3	6	3	1	0			
	9	1008.7	-7.6	7.3	0.9	9.1	88	7.1	0	0	4	11	14	1	0	0	1	1	3	4	8	9	4	0	2	15	13	0	1	1	15	3	1	6	3	0	0				
	15	1008.9	-	9.3	1.7	9.3	79	5.4	0	3	11	13	0	0	0	0	1	5	6	6	6	6	0	0	3	16	11	0	0	4	10	4	2	2	6	2	0				
	21	1009.7																																							

TABLE III—ADDITIONS AND CORRECTIONS

YEAR	MONTH	STATION	Max. Min.	Terminal hr. 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		Mean Temperatures (Mean of A & B)	Difference from Average °	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (inches)	Per cent of Average %	Most in a DAY		Precip'n			Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder	Fog at 9hr.	Air Frost†	Grass min. below °C	Gale	Daily Mean (hr.)	Per cent of Average %	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
						A Max.	B Min.			Maximum	Date	Minimum	Date	Amount (inches)	Date			0.01in (0.2mm) or more	0.01in (1.0mm) or more	Snow or Sleet																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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TABLE VIII—NUMBER OF DAYS IN APRIL, 1966
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	6	19	5	0	0	0	0	0	0	0	9	14	7	0	0	Edgbaston	0	10	6	10	3	1	0	0	0	0	0	0	4	12	14	0	0
Stornoway	0	1	20	9	0	0	0	0	0	0	0	8	14	8	0	0	Kew	0	1	8	12	8	1	0	0	0	0	0	0	10	18	2	0	0
Craibstone	0	16	5	8	1	0	0	0	0	0	0	11	15	4	0	0	Hastings	0	1	8	18	3	0	0	0	0	0	0	2	7	21	0	0	
Rothsay	0	10	10	10	0	0	0	0	0	0	0	4	17	9	0	0	Southampton	0	1	6	12	10	1	0	0	0	0	0	0	2	11	17	0	0
Renfrew	0	5	15	9	1	0	0	0	0	0	0	6	16	8	0	0	Stonyhurst	0	8	10	10	1	1	0	0	0	0	0	0	6	16	8	0	0
Eskdalemuir	0	14	6	9	1	0	0	0	0	0	0	10	15	5	0	0	Bidston	0	5	10	13	1	1	0	0	0	0	0	3	14	13	0	0	
Douglas	0	6	15	9	0	0	0	0	0	0	0	3	16	11	0	0	Valley	0	1	12	15	2	0	0	0	0	0	0	0	1	13	16	0	0
Cockle Park	0	14	7	7	1	1	0	0	0	0	0	8	16	6	0	0	Falmouth	0	0	4	25	1	0	0	0	0	0	0	0	3	27	0	0	
Gorleston	0	6	12	8	4	0	0	0	0	0	0	0	14	16	0	0	Aldergrove	0	7	11	9	3	0	0	0	0	0	0	0	5	14	11	0	0
Cambridge	0	3	9	7	10	1	0	0	0	0	0	1	18	11	0	0	Armagh	0	5	12	10	3	0	0	0	0	0	0	0	4	14	12	0	0

TABLE XIII—SOLAR RADIATION AND ILLUMINATION, APRIL, 1966

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	517	25	206	22	382.4	30	269	20	123	4	205.7	30	579	25	236	22	428.5	30
Eskdalemuir	609	30	34	8	262.8	30	304	25	34	8	176.8	30	826	30	53	8	351.5	30
Cambridge	707	30	59	18	259.6	30	296	26	58	18	167.4	30	-	-	-	-	-	-
London (High Holborn)	654	30	41	15	233.1	30	282	26	37	15	141.0	30	725	30	51	15	268.0	30
Kew	671	28	61	15	239.9	30	277	26	60	15	154.9	30	756	28	79	15	277.8	30
Bracknell (Easthamstead) ..	666	30	75	15	255.0	30	298	26	76	15	165.2	30	707	30	93	17	286.4	30
Aberporth	709	28	130	14	342.5	30	347	25	125	3	219.4	29	-	-	-	-	-	-

Monthly Weather Report

OF THE METEOROLOGICAL OFFICE

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

Volume 83 Number 5

Published by HER MAJESTY'S STATIONERY OFFICE

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May 1966 — Changeable; a warm start and sunny ending

Weather was mainly cyclonic in character throughout the month apart from the 1st, 15th and 16th when high pressure extended from the Azores, across England and Wales to southern Scandinavia, and on the 27th-30th when an anticyclone covered most of the British Isles.

The fine, very warm weather at the end of April continued during the first two days of May with afternoon temperatures over much of the country about 10°C above average, and with 13 hours of sunshine at many places on both days.

The warm south-easterly winds from the continent, previously associated with an anticyclone over Germany, gave place to westerlies on the 3rd as the anticyclone declined; after a mainly dry but cooler day rain from the Atlantic reached western districts during the night of the 3rd/4th. Falls were heavy at times on the 4th as fronts associated with a complex low pressure area to the west of the British Isles moved eastwards across the country. Winds veered to west and then to north-west on the 5th and 6th as small disturbances encroached over western districts, and weather became showery with frequent thunderstorms sometimes accompanied by hail. A slowly filling low pressure area, previously centred over North Wales, brought a period of more continuous rain to southern England as it finally moved across the country to the southern North Sea during the night of the 6th/7th.

The cool changeable weather continued in most districts for another five days. A ridge of high pressure moving eastwards across the country gave long sunny periods on the 7th, but rain associated with a deep depression approaching Ireland reached western districts during the evening with falls exceeding 1 inch locally in the south-west, and the rain, heavy at times, continued throughout the 8th as a complex depression moved south-east across the British Isles. Winds veered to the north-west and pressure rose considerably on the 9th, which together with the 10th, was fine and sunny, apart from some widely scattered showers, and occasional rain and local early morning fog patches in south-east England on the 9th. On the 11th a deepening depression moved northwards towards Iceland and an associated frontal trough brought widespread rain, with falls exceeding 1 inch in places, as it moved slowly eastwards across the country.

A spell of warmer weather followed with afternoon temperatures generally above the average for about four or five days. There were long sunny periods on the 12th-14th but these were broken by scattered showers on the 12th and a belt of rain moving eastwards from the Atlantic reached western districts during the afternoon of the 13th. On the 15th a ridge of high pressure from the Azores extended north-eastwards across the country to southern Scandinavia, giving rise to two fine warm days, each with 13-14 hours of sunshine and with afternoon temperatures rising to 23°C in places.

Weather remained fine in south-eastern districts for most of the 17th, but a belt of rain crossed the remainder of the British Isles during the course of the day, clearing the south-east on the morning of the 18th. This was the beginning of a little more than a week of rather cool, unsettled weather with westerly winds and periods of rain alternating with showers and sunny spells. Rain was widespread on the 19th, and a deep depression moving from the west of Scotland to southern Norway gave two particularly stormy days with widespread gales on the 22nd and 23rd. Further frontal systems gave considerable rain on the 24th and 25th as they crossed the country.

An anticyclone developed off western Ireland on the 26th, and later became centred over Britain giving generally dry and sunny weather during the remainder of the month. During the last three days sunshine was almost unbroken over the greater part of England and Wales, and temperature rose to about 5°C above average in many Midland and western districts.

Pressure and Wind — Mean pressure was below the 1931-60 average except in southern England and South Wales, the deviation ranging from -3.9mb at Benbecula to +2.5mb at Scilly. Surface winds, mainly southerly at first, became south-westerly on the 4th, were north-westerly

on the 7th-9th, south to south-west on the 10th-14th, light and variable on the 15th and 16th and then mainly westerly until the 25th, after which a general northerly airstream gave place (in southern England) to easterly winds during the last few days of the month. Gales were reported locally on the 4th-8th, 11th, 19th and 21st, and were widespread on the 22nd and 23rd. A gust of 86 kt was recorded at Lowther Hill on the 23rd and one of 75 kt at Bidston on the 22nd.

Temperature — A noteworthy feature of the month was its exceptionally warm start with afternoon temperatures reaching 27°C in some places. Temperature over much of the country was also above the average for three or four days around mid-month and also towards the end, yet mean temperature over the month as a whole differed little from the average.

Extremes included: (England and Wales) 27.2°C at Camden Square on the 2nd, -3.9°C at Moor House on the 10th and at Santon Downham on the 29th; (Scotland) 26.1°C at Stirling on the 31st, -4.2°C at Happon Station on the 28th; (Northern Ireland) 23.9°C at Newry Abbey, Armagh and Lisnaskea on the 31st, 0.5°C at Loughmore Forest on the 18th and at Lislap Forest on the 7th and 18th.

Rainfall — In England and Wales rainfall was less than 50 per cent of the average locally in the Thames Estuary, and in the coastal region of the North Riding of Yorkshire and Denbighshire (North Wales). It was more than 150 per cent of the average in part of north-west England from Cumberland to Cheshire, in South Wales and locally in north Devon and in south-west Cornwall. In Scotland it was below average in parts of the south-east but more than twice the average locally in south-west Ross and Cromarty, the western part of Argyll and the Northern Isles.

Snow or sleet fell on a few of the higher peaks in Scotland on one or two days during the second half of the month.

Thunder was heard on five or six days, thunderstorms being fairly widespread over the eastern half of England on the 5th and 6th, and in east and south-east England on the 22nd.

Sunshine — Sunshine was below the average north and east of a line Elgin to Loch Long to Cape Wrath (in Scotland), elsewhere it was mainly above the average, percentages ranging from 140 at Nottingham to 92 at Hastings.

Fog — In Scotland morning fog was reported on only one or two occasions, mainly near the coast; it occurred in eastern England on the 9th, and in north-west England on the 21st.

Miscellaneous Phenomena — The aurora was visible in Scotland on 4 nights.

TABLE I—DISTRICT VALUES, MAY, 1966

DISTRICTS	AIR TEMPERATURE					EARTH TEMP.		RAIN DAYS	RAIN-FALL	SUN-SHINE
	*Highest Max.	*Lowest Min.	Max.	Min.	Mean	Mean 1 ft.	Mean 4 ft.			
Difference from Average								% of Average		
0 SCOTLAND, N.	22.2	0.0	-0.2	-0.7	-0.4	-	-	+3	152	96
1 SCOTLAND, E.	23.3	0.6	+0.5	-0.1	+0.1	-0.9	-0.7	0	93	114
2 ENGLAND, N.E.	25.0	0.0	+0.3	0.0	+0.1	+0.1	-0.2	0	107	115
3 ENGLAND, E.	26.1	1.7	0.0	+0.1	+0.1	+0.2	0.0	0	72	105
4 MIDLANDS	25.0	2.5	-0.3	0.0	-0.2	+0.7	+0.1	+1	115	129
5 ENGLAND, S.E.	26.1	1.0	-0.2	-0.2	-0.2	+0.1	+0.4	0	99	107
6 SCOTLAND, W.	23.6	-3.5	-0.7	-0.6	-0.6	+0.3	-0.2	+3	128	107
7 ENGLAND, N.W. and N. Wales	23.9	-0.6	-0.5	+0.1	-0.1	+0.1	-0.2	+1	114	114
8 ENGLAND, S.W. and S. Wales	24.4	1.1	-0.3	-0.3	-0.2	+0.2	+0.2	+2	111	121
N. IRELAND	23.9	1.5	-0.2	-0.2	-0.2	-	-	+3	130	107
SCOTLAND	23.6	-3.5	-0.1	-0.5	-0.3	-	-	+2	131	106
ENG. and WALES	26.1	-0.6	-0.2	-0.1	-0.1	-	-	+1	109	115

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

TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND—

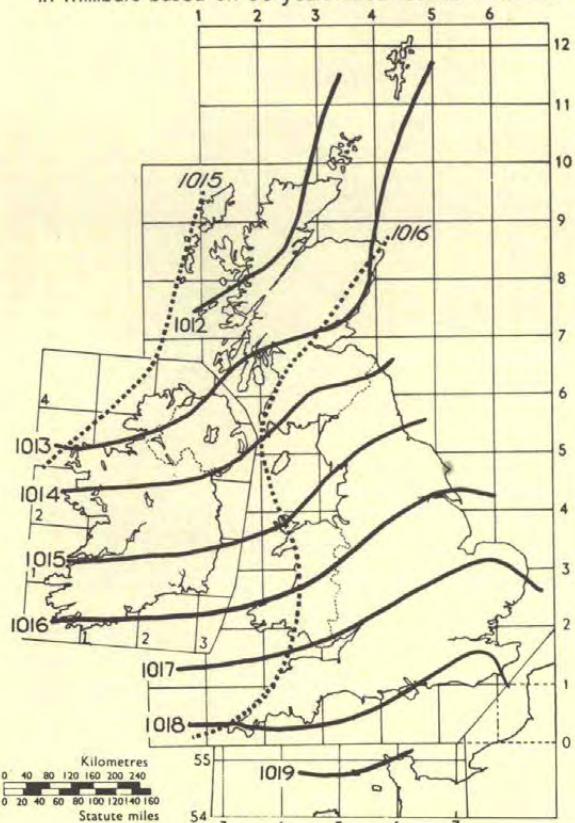
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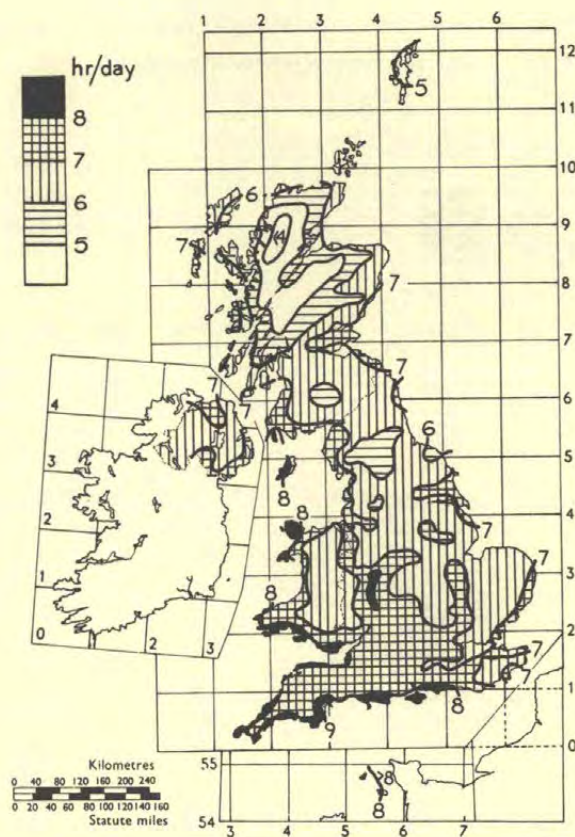
DISTRICT COUNTY AND PLACE			HEIGHT OF VANE IN FEET			DISTRIBUTION OF MEAN HOURLY VALUES OF WIND SPEED										Mean Hourly Wind Speed in knots	HIGHEST VELOCITIES									
			Above Mean Sea Level	Above ground	Effective Height	34 Knots or more (Gale force)				22 to 33 knots		11 to 21 knots		4 to 10 knots			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	Zetland	Lerwick	304	33	33	22, 23	4	13	105	360	238	37	0	13.6	040	40	23	02	040	58	23	0130				
	Orkney	Kirkwall	134	50	33	23	10	8	44	327	308	55	0	11.8	340	45	23	06	350	64	23	0520				
	Caithness	Dounreay	110	39	30	11, 23	13	15	94	309	216	112	0	12.8	330	46	23	07	330	66	23	0610				
	Sutherland	Shin	78	33	33																					
	Ross & Cromarty	Stornoway (C'Guard)	120	40	36	13, 22	3	10	67	341	179	154	0	11.1	350	38	22	24	200	50	13	1225				
	Inverness	Duirinish	125	65	55	22, 23	3	9	55	290	309	87	0	10.8	300	37	22	23	320	58	23	0110				
		Benbecula	52	33	33	22, 23	9	12	82	407	200	46	0	13.6	320	40	22	22	320	57	22	2130				
		Fort Augustus	189	53	53	-	0	1	1	181	277	276	9	6.7	260	23	14	12	250	43	14	1300				
		(N.S.H.E.B)																								
1	Moray	Kinloss	57	41	41	23	3	6	40	268	375	58	0	10.4	310	36	23	04	310	58	23	0915				
		Lossiemouth	101	80	60	23	2	6	23	181	388	150	0	8.3	320	36	23	05	310	57	23	0420				
	Aberdeen	Dyce	234	30	30	23	4	3	16	329	242	153	0	9.8	310	36	23	08	310	60	23	0730				
	Angus	Bell Rock	128	131	124	23	0	20	126	358	189	62	0	14.2	290	43	23	07	300	54	23	0645				
	Perth	Rannoch	1006	56	57	-	0	10	45	368	211	117	3	11.5	-	32	23	06	-	49	23	0430				
		Tummel Bridge	528	53	53	-	0	1	2	89	364	287	2	5.3	300	23	23	07	300	50	23	0625				
	Fife	Leuchars	78	40	40	23	1	3	18	317	338	70	0	9.9	290	35	23	08	290	54	23	0720				
	Midlothian	Turnhouse	137	40	33	-	0	4	19	258	351	116	0	9.0	270	28	23	04	260	50	23	0220				
		Edinburgh, Blackford Hill	496	50	34	-	0	9	45	294	286	113	6	10.2	250	33	23	02	250	54	23	0125				
6a	Argyll	Tiree	89	60	47	4, 10, 11, 13, 22, 23	21	18	133	366	137	87	0	14.7	300	44	22	24	300	64	22	2310				
	Bute	Millport	50	34	34	-	0	6	21	286	285	81	71	10.3	250	29	23	11	210	40	14	1330				
	Dunbarton	Cumbernauld	543	33	33	-	0	1	6	161	325	252	0	6.5	280	26	23	02	280	54	23	0130				
	Renfrew	Paisley	188	81	31	-	0	1	6	161	325	252	0	6.5	280	26	23	02	280	54	23	0130				
		Abbotsinch	52	33	33	23	3	3	18	255	271	197	0	8.6	310	39	23	04	320	65	23	0400				
	Lanark	Lowther Hill	2415	43	33	13, 22, 23	20	18	157	298	254	15	0	15.4	300	66	23	03	320	86	23	0500				
	Ayr	Hunterston	41	30	30	23	3	9	29	310	249	153	0	10.1	280	36	23	03	290	46	22	2235				
		Prestwick	68	33	33	23	6	6	23	255	357	103	0	9.8	290	38	23	03	290	63	23	0230				
	Dumfries	Chapelcross	310	50	50	-	0	2	16	277	327	124	0	9.0	270	30	23	03	280	59	23	1020				
		Eskdalemuir	825	50	35	-	0	3	27	193	218	306	0	6.8	270	32	23	03	280	64	23	0145				
	Wigtown	West Freugh	81	33	33	22	1	9	53	256	389	45	0	10.7	310	35	22	21	300	58	22	2015				
6b	Isle of Man	Ronaldsway	82	33	33	22, 23	13	12	64	283	276	108	0	11.7	280	41	22	22	250	61	22	1600				
		Point of Ayre	64	33	33	22, 23	4	8	41	308	264	127	0	10.8	270	35	22	22	270	54	22	2110				
2	Durham	Durham	389	53	33	-	0	2	25	179	313	227	0	7.4	270	32	23	04	270	64	23	0355				
	Lincoln	South Shields	73	57	44	-	0	1	15	176	380	173	0	7.5	290	29	23	04	310	55	23	0155				
		Cranwell	288	47	47	22	1	3	31	264	309	135	4	9.6	240	34	22	19	240	50	22	1850				
		Manby	85	33	33	-	0	2	23	265	369	87	0	9.4	270	29	23	12	250	46	22	1650				
3	Norfolk	Gorleston	54	43	43	-	0	8	46	406	238	54	0	11.9	150	28	8	13	250	39	23	0920				
	Suffolk	Mildenhall	98	83	60	-	0	2	16	189	356	183	0	7.7	230	27	22	19	220	55	5	1540				
	Bedford	Bedford	322	42	30	-	0	3	18	299	364	63	0	10.0	260	26	23	09	250	45	5	1445				
		Cardington	226	133	133	22	5	10	67	358	219	94	1	11.8	240	37	22	18	270	51	5	1445				
	Hertford	Garston	307	50	33	-	0	1	2	84	527	131	0	6.5	270	23	22	17	260	49	22	1735				
		Rothamsted	461	41	33	-	0	0	0	72	483	189	0	6.1	250	18	22	17	250	40	22	1520				
	Essex	Stansted	351	31	31	-	0	3	13	253	389	89	0	9.1	250	27	22	19	250	48	22	1505				
		Coryton	66	57	48	-	0	3	9	240	411	73	11	9.1	240	24	22	18	220	51	22	1535				
		Shoeburyness	118	106	91	6, 19	3	11	99	460	150	32	0	14.1	190	35	19	18	240	53	22	1620				
4	Yorks, W.R.	Sheffield	533	83	35	-	0	0	0	18	137	589	0	2.2	240	20	22	18	240	52	22	1755				
	Warwick	Edgbaston	643	118	73	-	0	4	8	209	497	30	0	8.9	260	23	22	18	260	43	22	1930				
		Elmdon	343	31	31	22	1	6	35	265	377	66	0	10.1	230	34	22	16	230	53	22	1550				
	Buckingham	Amersham	500	50	50	-	0	1	4	120	524	96	0	7.5	230	24	22	17	230	46	22	1915				
	Stafford	Keele	706	50	33	-	0	0	0	107	367	270	0	5.9	270	20	23	08	230	48	22	1755				
	Worcester	Pershore	154	33	33	-	0	6	28	316	290	110	0	10.1	250	27	22	15	270	44	22	1340				
5	Greater London	W/Centre	306	229	125	-	0	4	12	399	293	40	0	10.9	260	25	22	18	270	53	22	1505				
		Heathrow	115	38	33	-	0	4	8	305	365	66	0	9.7	250	25	22	17	250	42	22	1445				
		Hampton	139	101	100	-	0	4	9	229	386	120	0	8.3	-	25	22	18	-	46	22	1445				
		Kew	92	75	50	-	0	0	0	203	413	128	0	7.7	240	21	22	15	250	46	22	1455				
	Surrey	Gatwick	232	38	33	-	0	4	18	193	356	177	0	7.7	230	27	5	15	230	(46)	5	1455				
	Kent	Isle of Grain	48	40	33	-	0	3	9	149	264	302	20	6.3	220	27	5	16	220	45	5	1600				
		Dover	68	38	62	-	0	6																		

MEAN PRESSURE AT 9 G.M.T.

The dotted lines show the normal distribution of pressure in millibars based on 30 years observations 1931-60.

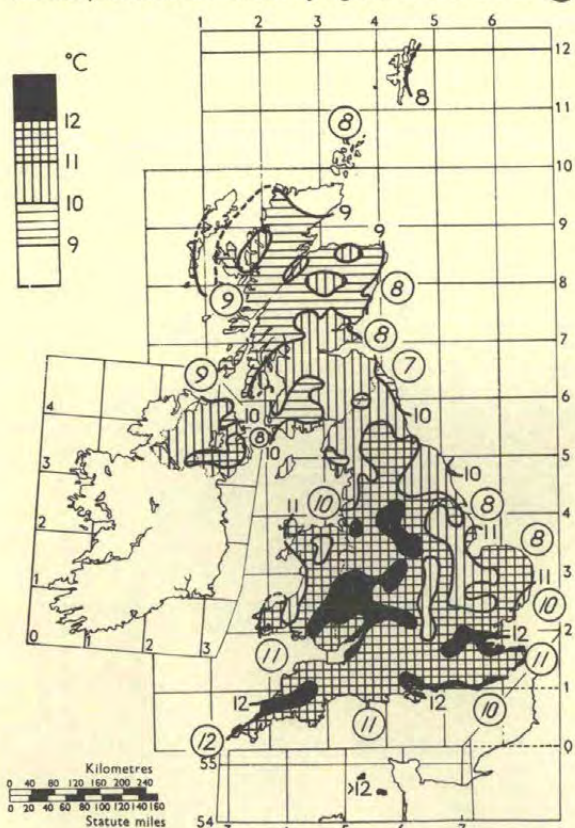


BRIGHT SUNSHINE

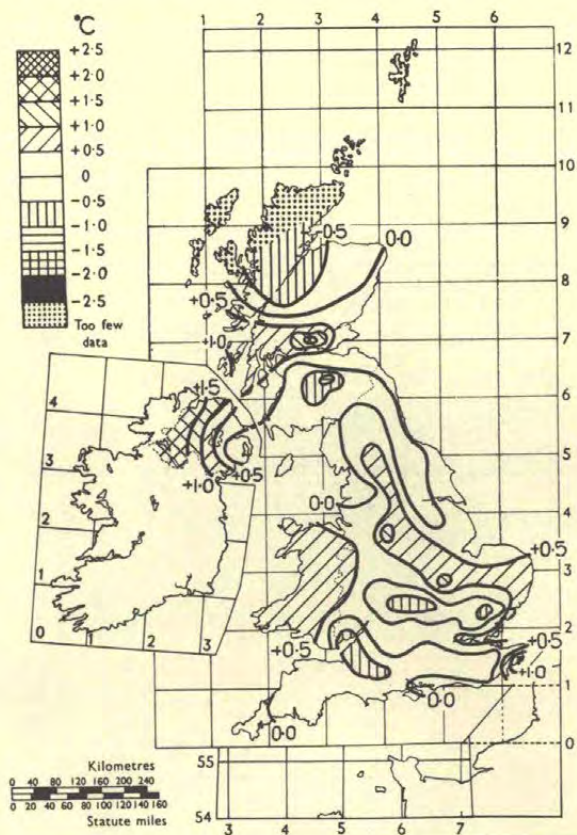


MEAN AIR TEMPERATURE

Reduced to sea level by a correction of 1°C. for 500 ft. Sea temperatures are shown by figures in circles thus (10)



ANOMALY OF MEAN 1 ft. EARTH TEMPERATURE



RAINFALL

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

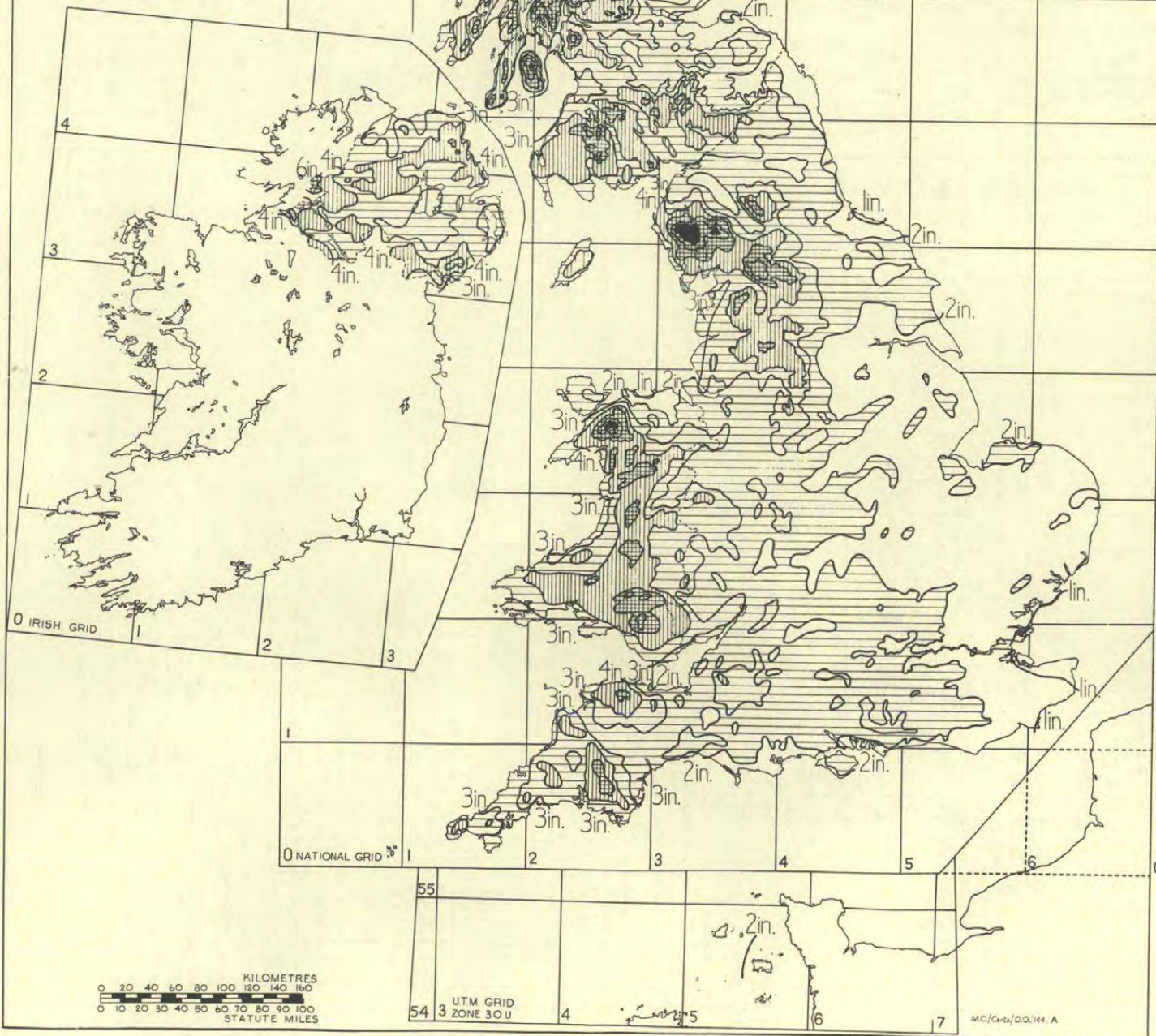
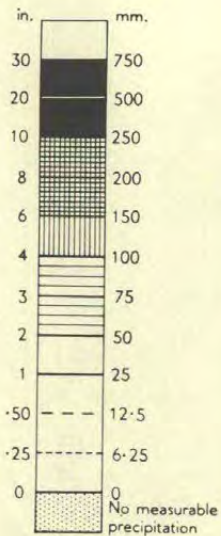


TABLE III

—SUMMARY OF DAILY OBSERVATIONS

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DISTRICT, COUNTY AND PLACE	Terminal hr. GMT of Observation	Height of Station above MSL (feet)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)			WEATHER Number of Days										BRIGHT SUNSHINE								
			MEANS OF		Mean Temperature (Mean of A & B)	Difference from Average	HIGHEST MAXIMUM AND LOWEST MINIMUM				1 ft.	4 ft.	Total fall (inches)	Per cent of Average	Amount (inches)	Most in a Day	Precip'n (0.01 in 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	Gale	Daily Mean (hr.)	Per cent of Average	Exposure					
			A Max.	B Min.			Maximum	Date	Minimum	Date																								
0 SCOTLAND, N.																																		
Zetland	Hamnavoe ...	99	70	10.4	6.1	8.3	-	15.0	1	2.8	8	-	-	4.57	-	1.75	22	18	14	0	0	0	0	0	0	-	6	5.69	-	-	-	-		
	Lerwick ...	21-9	269	9.7	5.2	7.5	-0.3	13.4	16	1.0	8	-	-	4.94	214	1.96	22	19	17	0	0	0	1	0	1	0	2	2	5.00	94	-	-		
	Baltasound ...	99	78	10.9	4.8	7.9	-	15.0	1,14	-0.6	8	6.9	-	3.85	161	1.71	22	21	15	0	0	0	0	0	0	1	-	1	4.96	-	-	-		
Orkney	Sule Skerry ...	99	48	10.4	6.6	8.5	-	13.6	27	3.7	7	-	-	2.92	-	1.00	22	18	15	0	0	0	0	0	1	0	0	2	-	-	-	-		
	Stenness ...	99	75	12.4	5.8	9.1	-	16.7	1	2.8	7,27	8.7	-	3.33	171	.85	22	21	16	1	0	1	0	0	0	8	2	6.54	-	-	-	-		
	Evie ...	99	110	11.9	5.1	8.5	-	15.6	1,18,31	0.0	8	-	-	3.90	-	.66	22	18	17	-	-	-	-	2	0	12	-	6.36	-	-	-	-		
	Kirkwall ...	21-9	84	11.7	5.2	8.5	-	18.3	1	2.0	8	-	-	3.14	163	.60	22	19	16	0	0	1	0	0	0	3	1	6.20	110	-	-	-		
Caithness	Dounreay ...	99	73	12.4	4.9	8.7	-	17.8	16	0.6	9	-	-	2.65	-	.75	22	21	15	-	0	-	-	-	0	0	4	2	-	-	-	-		
	Wick ...	21-9	119	11.6	5.0	8.3	-0.1	19.0	1	1.5	7,9	-	-	2.68	148	.54	22	19	14	0	0	0	1	0	2	0	5	1	6.42	113	-	-	-	
Sutherland	Cape Wrath ...	21-9	367	10.6	6.0	8.3	-0.3	14.4	30	3.2	7	-	-	3.85	148	1.69	22	20	16	0	0	0	0	0	1	0	0	2	6.15	-	-	-	-	
	Achany ...	99	280	13.7	3.5	8.6	-	21.1	30	-1.7	13	8.8	6.5	3.42	161	.66	22	24	17	0	0	2	0	1	0	3	18	0	4.97	-	-	-	-	
	Strathay ...	99	120	13.1	3.1	8.1	-1.1	19.4	1	-0.6	6,9	-	-	2.89	132	.91	22	23	17	0	0	0	1	1	0	2	-	0	5.17	98	-	-	-	
Ross & Cromarty	Stornoway ...	21-9	11	12.4	4.9	8.7	-0.6	19.5	31	0.1	24	-	-	3.27	143	.81	22	19	16	0	0	0	2	0	0	0	9	2	5.88	93	-	-	-	
	Balmacara ...	99	213	7	6.0	9.9	-	20.6	30	0.6	6	-	-	5.06	-	1.09	21	19	18	0	0	0	0	0	0	-	0	-	-	-	-	-	-	
	Poolewe ...	99	20	13.7	6.4	10.1	-	20.6	30	2.2	6	-	-	4.78	162	.83	22	18	17	-	-	-	-	-	0	0	1	-	5.77	-	S	-	-	
	Rudh Re ...	99	53	11.4	6.3	8.9	-	17.8	30	3.0	24	-	-	-	-	-	-	0	0	0	0	0	0	0	0	0	1	-	-	-	-	-		
	Inverpolly ...	99	45	13.3	6.0	9.7	-	17.8	30,31	0.6	24	8.9	-	3.97	-	1.30	22	21	21	0	-	0	0	0	0	-	7	0	4.22	-	-	-	-	
	Achnashellach ...	99	220	13.9	4.5	9.2	-0.9	21.7	30	0.6	11,24	-	-	6.27	165	1.42	22	23	19	0	0	0	0	0	0	-	0	-	-	-	-	-	-	
	Kinlochewe ...	99	76	14.2	5.3	9.7	-	21.1	31	0.0	24	9.0	-	5.94	163	1.42	22	22	18	0	0	0	0	0	0	8	2	3.90	-	S	-	-	-	
	Fortrose ...	99	15	12.7	6.7	9.7	+0.1	22.2	31	3.9	7	-	-	2.10	109	.50	21	16	10	0	0	0	0	0	0	-	0	5.06	91	-	-	-	-	
Inverness	Tarbatness ...	21-9	60	12.2	7.4	9.8	-	21.0	1	4.0	8	-	-	2.13	120	.50	11	17	9	0	0	0	0	0	0	-	1	-	-	-	-	-	-	
	Benbecula ...	21-9	19	12.2	6.0	9.1	-0.7	17.9	30	2.3	24	-	-	3.89	142	.84	21	20	15	0	0	1	2	0	0	0	3	2	7.01	-	-	-	-	-
	Isle of Rhum ...	99	15	13.1	5.4	9.3	-	18.3	30	1.1	7	11.1	8.8	8.22	153	2.07	16	19	18	0	0	1	0	0	0	0	6	5	-	-	-	-	-	
	Prabost ...	99	220	12.8	5.6	9.2	-	18.9	31	2.2	24	-	-	5.31	142	1.09	21	24	18	0	0	1	2	0	0	0	5	7	5.62	-	-	-	-	
	Duntulm ...	99	294	11.9	5.9	8.9	-0.5	17.8	31	2.8	24	-	-	3.88	135	.84	21	21	16	0	0	1	0	0	1	0	2	4	5.45	84	-	-	-	
	Onich ...	99	48	13.4	5.2	9.3	-1.1	20.0	29,30	0.0	4	-	-	5.85	144	1.04	21	23	17	0	0	0	0	0	0	0	6	0	4.97	89	S	-	-	
	Fort William ...	99	27	14.1	5.2	9.7	-	21.7	31	0.6	5,10,13	10.1	8.8	4.88	-	.86	21	21	17	0	0	0	0	0	0	0	7	0	4.40	-	-	-	-	
	Fort Augustus ...	99	70	14.4	5.0	9.7	-0.2	23.9	30	0.0	13	-	-	3.20	-	.62	21	20	16	0	0	0	0	1	0	-	0	5.10	-	-	-	-	-	
	Cannich ...	99	350	14.3	2.8	8.5	-	23.3	31	-2.2	13	-	-	3.64	159	.77	21	22	16	0	0	2	0	1	0	5	20	0	-	-	-	-	-	
	Inverness ...	99	13	14.2	6.1	10.1	-	23.9	31	2.8	3,4	-	-	2.27	116	.52	21	14	10	0	0	0	0	0	0	1	0	5.34	-	-	-	-	-	
	Coire Cas Shieling ...	99	2500	9.1	2.5	5.8	-	20.0	31	-1.7	7	-	-	6.17	-	1.45	11	-	6	3	0	0	0	0	4	4	-	1	-	-	-	-	-	
	Cairngorm ...	99	3575	5.6	0.3	2.9	-	17.8	31	-3.9	7	-	-	7.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Achnagoichan ...	99	1000	13.4	3.2	8.3	-	23.9	31	-1.7	18,24	7.6	-	2.80	-	.65	22	19	14	2	-	0	0	1	-	4	14	1	-	-	-	-	-	-
	Glenmore Lodge ...	99	1120	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1 SCOTLAND, E.																																		
Nairn	Nairn ...	99	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Moray	Forres ...	99	155	14.2	4.3	9.3	-	22.8	31	0.0	28	9.8	7.6	1.74	92	.37	21	19	9	0	0	1	0	1	0	0	4	0	5.14	89	-	-	-	-
	Kinloss ...	21-9	15	14.1	5.1	9.6	-	22.0	1	0.3	4	9.1	-	1.92	102	.42	21	17	9	0	0	1	0	1	0	0	9	1	5.72	-	-	-	-	-
	Elgin ...	99	50	14.4	5.1	9.7	-	22.8	1	0.6	28	-	-	1.97	101	.40	21	11	9	0	0	0	0	0	0	0	10	1	6.59	-	-	-	-	-
	Lossiemouth ...	99	21	13.6	4.4	9.0	-0.6	20.6	1,31	0.0	5,24	-	-	2.19	117	.47	21	14	10	0	0	0	1	0	0	0	18	1	-	-	-	-	-	-
	Gordon Castle ...	99	104	14.6	5.4	10.0	-0.1	23.3	1	1.7	13	-	-	1.52	73	.45	22	12	9	-	-	-	-	-	-	-	-	-	5.84	103	-	-	-	-
Banff	Glenlivet ...	99	706	13.5	3.4	8.5	-	22.9	31	-1.4	18,28	-	-	2.52	-	.79	22	19	11	0	0	0	0	0	0	5	14	0	4.91	-	S	-	-	-
	Banff ...	99	80	13.4	6.1	9.7	-	20.0	31	2.8	28	-	-	2.30	-	.53	22	16	13	0	0	0	0	0	0	-	2	6.30	-	-	-	-	-	-
Aberdeen	Braemar ...	99	1113	12.8	2.9	7.9	-0.4	23.9	31	-2.2	10	-	-	3.69	141	1.15	22	19	14															

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

MAY,

1966

DISTRICT, COUNTY AND PLACE		Terminal hr. GMT of Observation	Height of Station above MSL (feet)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days										BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
				MEANS OF		Mean Temperatures (Mean of A & B)	Difference from Average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (inches)	Per cent of Average	Amount (inches)	Most in a Day	Precip'n (0.02mm 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	Gale	Daily Mean (hr.)	Per cent of Average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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1 SCOTLAND, E.—cont.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												</

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

MAY,

1966

DISTRICT, COUNTY AND PLACE		Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (feet)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days										BRIGHT SUNSHINE					
					MEANS OF		Mean Temperatures (Mean of A & B)	Difference from Average a	HIGHEST MAXIMUM AND LOWEST MINIMUM				1 ft.	4 ft.	Total fall (inches)	Per cent of Average a	Most in a Day Amount (inches)	Date	Precip'n		Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frosty	Grass min. below 0°C	Gale	Daily Mean (hr.)	Per cent of Average a	Exposure
					A Max.	B Min.			Maximum	Date	Minimum	Date							0.01 in (0.2mm) or more	0.04 in (1.0mm) or more												
2 ENGLAND, N.E.																																
Northumberland	Kielder Castle ...	99	660	14.3	2.9	8.6	-	23.3	1	-2.8	28	10.1	-	3.83	129	.81	11	19	14	1	0	0	0	0	3	7	22	0	-	-	-	
	Haydon Bridge ...	99	258	15.6	4.9	10.3	-	22.8	2	0.0	16,28,29	11.0	8.9	1.70	-	.43	11	14	8	0	0	0	0	0	1	2	8	0	-	-	-	
	Corbridge ...	99	160	15.3	4.9	10.1	-	23.9	1	-1.1	28	-	-	1.47	-	.53	11	12	7	0	0	0	1	0	0	2	6	1	-	-	-	
	Berwick-on-Tweed ...	99	76	12.8	6.1	9.5	+0.2	17.2	1	2.2	28	-	-	1.73	99	.51	11	16	11	0	0	0	0	0	0	0	0	0	7.08	120	-	
	Cockle Park ...	99	326	13.9	5.3	9.6	+0.2	19.4	1	1.7	29	9.8	-	2.32	105	.81	11	16	12	0	0	0	0	0	0	0	1	0	6.34	112	-	
	Acklington ...	21-9	138	13.9	5.3	9.6	-	18.5	1	2.0	29	-	-	2.08	108	.57	11	15	12	0	0	0	0	0	0	0	2	1	7.12	-	-	
	Tynemouth ...	21-9	95	12.3	7.1	9.7	0.0	17.4	2	3.5	7	-	-	1.89	95	.42	11	12	10	0	0	0	0	0	1	0	1	1	6.43	116	-	
	Seahouses ...	21-9	37	13.2	6.2	9.7	-	19.3	30	2.8	10	-	-	1.52	-	.43	11	14	10	0	0	0	0	0	0	0	0	0	6.80	-	-	
	Chopwellwood ...	99	446	14.8	5.3	10.1	+0.1	23.3	1	1.1	29	-	-	1.87	87	.71	11	14	10	-	0	-	-	-	0	0	14	-	-	-	-	
	Ushaw College ...	99	594	14.5	4.9	9.7	-0.2	22.8	1	1.1	29	-	-	2.67	120	1.05	11	15	11	0	0	0	0	1	1	0	-	1	-	-	-	
Durham	Houghall ...	99	123	15.6	4.8	10.2	+0.1	23.9	1	-0.6	10	-	-	2.22	105	.78	11	14	10	0	0	0	0	0	0	1	9	0	6.39	118	-	
	Durham ...	99	336	15.3	5.3	10.3	+0.2	23.3	2	0.0	29	10.7	8.6	2.25	111	.88	11	13	11	-	0	-	-	-	0	9	-	5.83	108	-		
	Gateshead ...	99	509	-	-	-	-	-	-	-	-	-	-	1.94	94	.90	11	13	9	-	-	-	-	-	-	-	-	6.99	-	-		
	West Hartlepool ...	99	30	14.8	7.2	11.0	-	24.4	1	2.8	10	-	-	1.49	78	.35	19	13	8	0	0	0	0	0	0	2	1	6.47	-	-		
	Thirsk ...	99	111	15.7	5.8	10.7	-	24.4	2	1.7	10,29	-	-	2.34	-	.46	11	16	12	0	0	1	0	3	0	6	1	-	-	-		
	Leeming ...	99	105	15.7	6.1	10.9	-	24.6	1	1.6	29	-	-	2.11	-	.61	11	16	13	0	0	0	0	2	0	1	1	6.75	-	-		
	York (Heslington) ...	99	66	15.3	6.1	10.7	-	24.4	2	2.2	29	11.9	-	1.90	-	.37	11	15	10	-	0	-	-	-	0	-	-	6.68	-	-		
	Ampleforth ...	99	313	14.7	5.8	10.3	-0.2	22.8	1	1.7	29	-	-	2.60	119	.40	11	14	11	0	-	0	0	0	1	0	4	1	-	-	-	
	Redcar ...	99	25	14.9	6.8	10.9	-	25.0	1	1.7	29	-	-	.80	44	.28	19	11	6	-	0	-	-	-	0	-	-	6.22	-	-		
	Pickering ...	99	143	15.4	4.6	10.0	-	24.2	2	0.0	10	-	-	1.67	-	.32	11	14	10	0	0	0	0	1	0	0	7	0	-	-	-	
Yorks, N. Riding	Whitby ...	99	135	14.1	6.6	10.3	-	21.7	1	0.6	29	-	-	1.34	71	.22	6	11	10	0	0	0	0	2	2	0	-	5.80	102	-		
	Scarborough ...	99	118	14.1	7.3	10.7	+0.1	18.3	13,17	5.0	3,10,20	11.5	9.5	2.38	129	.83	6	13	10	0	0	0	0	1	0	0	0	1	6.89	120	-	
	Silpho Moor ...	99	665	14.0	5.2	9.6	-	21.1	1	1.1	30	8.9	-	2.82	117	.49	6	19	11	0	0	0	0	1	2	0	6	0	6.65	-	-	
	Whitby C'Guard ...	21-9	200	13.2	6.7	9.9	-	20.1	1	0.6	29	-	-	1.34	-	.30	6	12	10	0	0	0	0	2	3	0	0	2	-	-	-	
	High Mowthorpe ...	99	574	14.1	6.1	10.1	-	23.3	2	2.2	10	10.2	-	2.25	98	.47	11	13	10	0	0	0	0	1	0	0	4	0	6.41	-	-	
	Hull ...	99	8	16.3	7.1	11.7	+0.3	25.0	2	2.2	10	11.4	8.2	1.68	87	.29	11	15	11	0	0	0	0	1	3	0	3	2	6.89	122	-	
	Leconfield ...	21-9	24	15.4	5.9	10.7	-	24.4	2	1.1	30	-	-	2.25	-	.41	11	13	10	0	0	0	0	2	0	0	10	0	7.07	-	-	
	Filey ...	99	122	13.4	6.1	9.7	-	17.8	17	2.2	30	-	-	2.23	112	.39	19	12	10	0	0	1	0	1	0	0	0	0	6.24	-	-	
	Bridlington ...	99	157	13.9	6.2	10.1	-	20.6	2	2.8	10,30	-	-	2.62	131	.62	6	14	10	0	0	0	0	1	0	0	2	2	7.03	-	-	
	Kilnsea ...	21-9	40	13.5	7.0	10.3	-	19.4	17	3.5	10	-	-	1.47	-	.33	17	13	8	0	0	0	0	1	0	0	0	3	-	-	-	
Lincoln	Waddington ...	21-9	224	15.5	6.4	10.9	-0.3	24.8	2	2.8	24	-	-	1.46	-	.22	17	13	10	0	0	0	0	2	0	0	3	1	7.26	-	-	
	Lincoln ...	99	22	14.6	5.2	9.9	-	25.0	1,2	-1.1	29,30	11.4	9.4	1.63	86	.33	6	14	8	0	0	0	0	1	0	3	5	2	6.78	-	-	
	Cranwell ...	99	205	15.7	6.2	10.9	-0.2	24.1	2	2.6	28,29	11.7	9.6	2.07	105	.47	5	13	10	0	0	1	0	1	0	0	8	1	6.92	111	-	
	Brigg ...	99	10	16.1	5.3	10.7	-	25.0	2	0.6	30	-	-	1.43	-	.26	8	12	11	0	0	0	0	2	0	0	12	2	-	-	-	
	Caistor ...	99	100	15.9	5.3	10.6	-	24.4	2	0.0	10	-	-	1.55	-	.30	17	12	11	-	-	-	-	-	-	-	-	-	-	-		
	Binbrook ...	21-9	353	14.9	6.9	10.9	-	24.0	2	3.2	10	-	-	1.94	-	.32	11	15	10	0	0	2	0	2	0	0	1	2	-	-	-	
	Cleethorpes ...	99	23	15.2	7.3	11.3	+0.4	20.6	17	3.9	11	-	-	1.33	72	.33	17	13	10	0	0	0	0	1	0	0	-	2	7.00	113	-	
Norfolk	Manby ...	21-9	55	15.3	6.2	10.7	-	25.0	2	2.7	24	-	-	1.72	97	.39	17	12	9	0	0	0	1	1	0	0	3	0	7.04	-	-	
	Skegness ...	99	15	15.9	7.2	11.5	+0.8	21.7	2,3	3.3	29	-	-	1.53	93	.49	18	13	10	0	0	0	0	1	5	0	-	6.75	105	-		
3 ENGLAND, E.																																
Suffolk	Terrington St. Cl. ...	99	13	15.9	6.3	11.1	-	26.1	2	3.3	24,(30)	11.8	-	1.75	111	.36	17	15	10	0	0	0	0	0	0	0	6	0	6.39	-	-	
	Marham ...	21-9	79	15.9	6.3	11.1	-	25.4	2	2.4	19	-	-	1.84	-	.43	6	12	9	0	0	1	0	3	0	0	4	0	-	-	-	
	Santon Downham ...	99	80	16.7	4.2	10.5	-	26.7	2	-3.9	29	11.1	9.3	1.25	64	.23	5	12	11	-	-	-	-	-	4	17	-	6.50	-	-		
	West Raynham ...	21-9	250	15.3	6.4	10.9	0.0	25.1	2	2.7	24	-	-	1.74	85	.27	17	14	11	0	0	0	0	3	0	0	3	0	6.64	-	-	
	Cromer ...	99	178	14.8	7.6	11.2	+0.1	22.8	1	3.3	8	-	-	1.18	63	.22	4	12	11	-	0	-	-	-	0	0	3	-	6.42	101	-	
	Sproston ...	99	93	16.2	6.6	11.4	+0.2	26.1	2	1.7	30	11.6	-	1.10	62	.24	4	13	11	0	0	0	0	2	-	0	4	2	6.53	100	S	
	Coltishall ...	21-9	55	15.5	7.1	11.3	-	24.8	2	2.0	8	-	-	1.34	-	.24	4	13	10	0	0	1	0	3	0	0	4	0	-	-	-	
	Burlingham ...	99	89	15.8	7.3	11.5	-	25.6	2	3.3	8,30	-	-	1.33	79	.40	6	13	8	0	0	1	0	2	0	0	1	0	6.21	-	-	
	Gorleston ...	21-9	12	14.2	8.3	11.3	+0.5	19.2	14																							

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

MAY,

1966

DISTRICT, COUNTY AND PLACE		Max. Terminal hr. 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				HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (inches)	Per cent of Average	Amount (inches)	Precip'n (0.01 in (0.2mm) or more)	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frosty	Grass min. below 0°C	Gale	Daily Mean (hr.)	Per cent of Average	Exposure		
				A Max.	B Min.	Mean Temperatures (Mean of A & B)	Difference from Average	Maximum	Date	Minimum	Date																				
4 MIDLAND COUNTIES																															
Yorks.	Slaidburn	99	629	14.0	5.3	9.7	-	23.3	1	0.6	10,28	-	-	5.20	-	1.34	22	17	13	0	0	0	0	0	0	5	0	6.43	-	-	
W. Riding	Malham Tarn	99	1297	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Huddersfield	99	325	16.0	6.9	11.5	+0.7	25.0	1,2	3.3	29,30	11.1	-	2.31	-	.67	22	13	9	-	-	-	-	0	0	2	-	6.82	140	-	
	Oakes	21-9	762	15.1	6.0	10.5	0.0	24.0	1	1.9	28	10.7	7.9	3.05	114	.90	22	15	12	0	0	3	0	0	2	2	2	6.81	132	-	
	Bradford	99	439	14.9	6.6	10.7	+0.1	23.9	1	2.8	29	10.6	7.9	4.17	170	.89	11	16	13	0	0	3	0	0	6	2	-	-	-	-	
	Ilkley	99	315	15.8	6.2	11.0	+0.2	24.4	1	1.1	29	-	-	4.04	154	1.30	11	16	13	0	0	1	0	0	-	1	7.19	129	-		
	Sheffield	99	429	15.7	7.2	11.5	+0.2	25.0	2	4.4	28,29	11.3	8.6	2.31	100	.42	11	12	10	0	0	0	0	1	-	0	2	0	6.75	129	-
	Wakefield	99	121	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Pontefract	99	255	15.8	6.7	11.3	+0.4	23.9	2	2.8	28,29	-	-	1.48	75	.31	11	13	11	0	0	0	0	1	0	0	0	1	-	-	-
	Bramham	99	177	15.7	5.2	10.5	-	23.9	1,2	0.6	29	-	-	2.30	107	.40	19	15	11	0	0	0	0	2	0	0	6	2	6.74	-	-
	Cawood	99	20	15.9	5.8	10.9	-	25.0	2	-0.6	30	11.3	9.2	2.02	101	.48	11	15	11	0	0	0	0	0	0	1	5	1	7.25	-	-
	Askham Bryan	99	110	15.8	6.0	10.9	-	24.4	2	0.0	30	-	-	2.31	109	.38	19	15	12	0	0	0	0	2	0	2	4	0	6.68	117	-
Derby	Buxton	99	1007	13.2	5.3	9.3	-0.1	22.2	2	1.1	30	11.1	8.1	4.34	150	1.05	11	13	13	0	0	0	0	1	2	0	1	2	-	-	-
	Chapel en le Frith	99	732	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Derby	99	159	16.1	7.1	11.6	-	25.0	2	2.2	28	-	-	2.02	-	.51	8	13	12	0	0	1	0	2	0	3	0	7.33	-	-	-
	Morley	99	350	15.4	6.2	10.8	-	24.4	2	1.7	29	-	-	2.21	100	.51	8	13	12	0	0	1	0	1	-	0	6	1	6.90	-	-
	Chesterfield	99	298	16.1	6.4	11.3	-	24.4	2	1.7	30,31	-	-	2.00	-	.38	6	13	10	0	0	0	0	0	0	0	0	-	-	-	-
Nottingham	Sutton Bonington	99	157	15.7	5.8	10.7	-0.4	23.9	1,2	0.6	30	10.9	9.6	1.44	77	.31	11	13	10	0	0	0	0	1	0	0	16	0	7.31	128	-
	Watnall	21-9	385	15.9	6.2	11.1	0.0	25.1	1	2.3	29	-	-	2.20	106	.36	11	14	11	0	0	1	0	2	1	0	9	0	6.15	107	-
	Nottingham T.C.*	99	169	16.1	6.7	11.4	-	24.4	2	2.8	10	-	-	1.48	-	.34	8	12	10	-	-	-	-	0	0	4	-	-	-	-	-
	Mansfield	99	362	15.7	6.8	11.3	+0.1	25.0	1,2	3.3	28	12.2	-	2.32	108	.41	11	10	10	0	0	1	0	1	0	0	0	-	-	-	-
	Nottingham	99	192	15.9	7.3	11.6	-0.1	25.0	1,2	3.3	10	11.5	9.5	1.56	80	.22	5	13	10	0	0	0	0	1	0	0	2	0	6.75	127	-
	Warsop	99	150	16.1	4.6	10.3	-	24.4	2	-0.6	30	-	-	1.82	101	.38	11	11	8	0	0	0	0	0	0	2	15	0	6.99	-	-
	Finningley	21-9	34	16.4	6.5	11.5	0.0	25.2	2	2.6	28	-	-	2.17	-	.56	6	14	11	0	0	0	0	2	0	0	0	0	6.94	-	-
Leicester	Newtown Linford	99	392	15.2	5.3	10.3	-	23.9	1,2	1.7	30	-	-	2.11	-	.47	5	13	11	0	0	0	0	2	0	0	11	0	6.60	-	-
	Caldecott	99	175	16.2	4.2	10.2	-	25.0	2	-0.6	30	-	-	1.46	-	.35	11	13	8	-	-	-	-	0	2	7	-	6.65	-	-	-
Northampton	Bugbrooke Mills	99	228	15.6	4.4	10.0	-	23.9	1	-0.6	30	10.2	8.7	1.62	-	.38	11	12	10	0	0	0	0	0	0	1	-	0	6.76	-	-
	Raunds	99	193	16.4	5.6	11.0	-	25.6	2	1.7	9	12.9	9.2	2.07	107	.61	6	12	10	0	0	2	0	2	0	0	4	0	6.31	-	-
Warwick	Wittering	21-9	212	15.9	6.3	11.1	-0.1	24.9	2	2.5	9	-	-	1.62	-	.35	11	12	10	0	0	1	0	2	0	0	7	0	7.06	-	-
	Birmingham K.E.S.**	99	450	15.3	7.1	11.2	-	23.9	1,2	3.9	28	-	-	3.14	-	.63	8	14	12	0	0	0	0	0	0	0	0	0	-	-	-
	Edgbaston	21-9	536	15.0	7.3	11.1	-0.3	23.6	1	3.5	28	9.3	4.7	3.15	122	.70	11	14	12	0	0	2	0	1	0	0	3	0	6.98	129	-
	Luddington	99	138	16.3	5.7	11.0	-	24.4	1,2	1.1	28	-	-	1.90	92	.49	8	14	11	0	0	1	0	0	0	0	12	0	7.50	-	-
	Stratford on Avon	99	160	16.6	5.3	10.9	-	25.0	1	0.6	10	12.8	-	2.00	101	.51	8	12	11	0	0	0	0	0	0	0	10	1	6.94	-	-
	Elmdon	21-9	319	15.5	5.6	10.5	-0.3	24.0	1	0.5	28	-	-	2.61	118	.58	8	14	10	0	0	0	0	1	0	0	9	1	-	-	-
	Shipston on Stour	99	365	15.9	6.2	11.1	-	24.4	1	2.2	28	10.7	-	2.12	-	.43	6	15	10	0	0	1	0	1	1	0	11	-	7.24	-	-
	Wellesbourne	99	153	16.0	5.6	10.8	-	25.0	1	0.0	28	11.3	9.9	1.86	87	.28	4	16	11	0	0	0	0	0	0	0	13	0	6.58	-	-
	Moreton Morrell	99	280	15.8	5.8	10.8	-	24.4	1	0.6	28	-	-	1.87	-	.32	4	14	10	0	0	0	0	2	0	0	12	0	7.10	-	-
	Coventry	99	350	15.8	6.5	11.1	-	23.9	1,2	2.8	28	11.2	9.7	2.57	-	.49	4	18	13	0	0	0	0	0	0	0	0	0	-	-	-
	Rugby	99	385	15.7	6.0	10.9	-0.2	23.9	1,2	1.1	10	12.4	10.3	2.52	-	.67	6	15	11	0	0	0	0	1	0	0	3	0	-	-	-
Oxford	Oxford	99	208	16.3	7.2	11.7	-0.3	25.0	1,2	2.8	9,10,28	12.8	10.6	2.12	104	.77	11	15	11	0	0	0	0	2	0	0	3	0	7.58	124	-
Buckingham	Medmenham	99	98	16.4	4.3	10.3	-	25.0	1	-0.6	28	-	-	1.96	-	.47	11	12	10	-	-	-	-	1	16	-	-	-	-	-	-
	Grendon Underwood	99	220	16.0	4.8	10.4	-	23.9	1,2	-1.1	10	12.4	9.9	2.63	-	.87	11	12	11	0	0	0	0	0	0	2	9	0	6.65	-	-
	Aylesbury	99	316	15.8	5.9	10.9	-	24.4	2	1.1	9,28	-	-	1.76	85	.37	11	12	10	0	0	2	0	2	0	0	7	1	6.73	-	-
	Bletchley	99	281	16.6	6.4	11.5	-	25.6	2	2.2	9,10,28	-	-	1.86	-	.54	11	12	9	0	0	0	0	3	0	0	0	0	-	-	-
Stafford	Keele	99	587	14.3	6.4	10.3	-	22.2	1	2.2	28	10.7	8																		

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

MAY.

1966

DISTRICT, COUNTY AND PLACE		Terminal hr. GMT of Observation	Height of Station above MSL (feet)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days												BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
				MEANS OF		Mean Temperatures (Mean of A & B)	Difference from Average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (inches)	Per cent of Average	Amount (inches)	Most in a Day	Precip'n (0.2mm or more)	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frosty	Grass min below 0°C	Gale	Daily Mean (hr.)	Per cent of Average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
				A Max.	B Min.			Maximum	Date	Minimum	Date	1 ft.	4 ft.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
5 Surrey	ENGLAND, S.E.—cont.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

MAY,

1966

DISTRICT, COUNTY AND PLACE		Terminal hr. GMT of Observation	Height of Station above MSL (feet)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days										BRIGHT SUNSHINE							
				MEANS OF		Mean Temperatures (Mean of A & B)	Difference from Average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (inches)	Per cent of Average	Amount (inches)	Date	Precip'n (0.1 in. (0.2 mm) or more)	Snow or Sleet	Snow lying at 9 hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9 hr.	Air Frost†	Grass min. below 0°C	Gale	Daily Mean (hr.)	Per cent of Average	Exposure			
				A Max.	B Min.			Maximum	Date	Minimum	Date																						
7a ENGLAND, N.W.—cont.		99	300	13.9	4.2	9.1	-	22.8	31	-1.1	28, 29	10.8	-	6.42	-	.89	21	21	18	0	0	0	0	0	0	3	-	0	-	-	-		
Lancashire —cont.		21-9	80	15.9	7.7	11.8	-0.3	24.4	2	3.0	28	-	-	2.97	130	.92	11	15	14	0	0	1	0	3	0	0	2	2	6.77	-	-		
Speke		99	78	14.9	5.9	10.4	-	23.9	1	0.6	28	-	-	3.04	120	.58	11	15	13	0	0	0	0	1	0	0	10	0	7.26	-	-		
Kirkham		99	68	14.5	5.9	10.2	-	23.3	1	0.0	28	-	-	2.98	125	.74	11	16	14	0	0	-	0	0	0	0	4	-	6.79	-	-		
Garstang		99	68	14.5	5.9	10.2	-	23.3	1	0.0	28	-	-	2.98	125	.74	11	16	14	0	0	0	0	0	0	0	0	0	7.11	105	-		
Morecambe		99	24	14.7	7.6	11.1	-0.5	23.9	1	3.3	10	-	-	3.40	132	.46	11	17	14	0	0	0	0	0	0	0	0	0	7.08	-	-		
Penketh		99	50	15.9	6.1	11.0	-	24.4	1	1.1	28	11.1	9.2	3.13	-	.73	11	16	16	0	0	0	0	3	0	0	10	0	-	-	-		
Preston		99	108	15.0	6.9	10.9	-	23.9	1	1.1	28	-	-	3.47	132	.88	11	17	15	0	0	0	0	2	0	0	4	2	-	-	-		
Stonyhurst		99	377	14.7	6.2	10.5	-0.4	23.3	1	1.7	28	-	-	4.41	158	.83	11	14	12	-	0	-	-	0	0	-	-	6.30	102	-	-		
Manchester W/Centre		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.62	-	-	-		
Helmshore		99	854	13.6	5.9	9.7	-	22.2	1	2.2	28	9.7	-	6.38	175	1.36	11	18	14	-	0	-	-	1	0	3	-	5.86	-	-	-	-	
Burnley		99	655	14.4	5.8	10.1	-	23.3	1	0.6	29	9.6	7.5	4.14	-	1.28	11	21	13	0	0	2	0	2	1	0	5	1	6.12	-	-	-	
Nelson		99	540	14.3	6.1	10.2	-	25.7	2	2.4	29	10.4	7.8	3.94	145	1.17	22	16	14	-	0	-	-	0	0	3	-	6.00	-	-	-	-	
Cheshire		99	362	15.1	5.4	10.3	-	23.9	2	2.2	4, 13, 24	-	-	5.67	193	1.19	11	16	14	0	0	1	0	4	0	0	0	1	-	-	-	-	
West Kirby Park		99	25	15.8	7.3	11.5	-	24.4	1	2.2	28	-	-	2.08	-	.39	11	17	14	-	0	-	-	-	0	0	-	7.38	-	-	-	-	
Bidston		99	198	14.7	8.2	11.5	+0.2	23.9	1	5.6	28	-	-	2.27	100	.39	17	16	12	-	-	-	-	0	0	0	-	7.09	113	-	-	-	
Ness Gardens		99	180	15.1	-	-	-	22.8	1	-	-	-	-	2.72	-	.92	11	15	13	-	-	-	-	0	7	-	-	-	-	-	-	-	
Winnington		99	65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Knutsford		99	212	16.2	6.2	11.2	-	25.3	2	1.9	28	12.1	9.9	2.82	118	.81	11	14	14	-	0	-	-	-	0	5	-	-	-	-	-	-	
Ringway		21-9	248	15.4	7.3	11.3	+0.2	23.9	2	3.3	28	-	-	2.99	133	.92	11	15	13	0	0	1	0	2	0	0	0	7.10	125	-	-	-	
Macclesfield		99	500	15.0	6.8	10.9	-0.2	23.9	2	2.8	7	-	-	2.78	111	.71	11	16	12	0	0	0	0	1	1	0	0	-	-	-	-	-	
7b NORTH WALES		99	31	14.9	7.8	11.3	0.0	21.1	1	4.4	13, 29	-	-	1.38	64	.35	6	15	13	0	0	0	0	0	0	0	0	2	7.45	114	-	-	
Flint		99	12	15.1	7.8	11.5	-	23.9	1	4.4	13, 28, 29	-	-	1.59	71	.31	6	16	12	0	0	0	0	0	0	0	-	2	6.81	109	-	-	
Prestatyn		99	17	16.2	7.1	11.7	+0.1	23.9	1	1.7	28	-	-	-	.51	11	17	14	0	0	0	0	2	0	0	-	2	-	-	-	-	-	
Anglesey		21-9	33	14.2	7.8	11.0	0.0	21.1	30	4.4	29	-	-	2.15	95	.40	7	18	16	0	0	0	0	0	0	0	1	8.38	117	-	-	-	
Denbigh		99	118	14.7	7.7	11.2	-0.1	20.6	1	3.9	13, 28	11.8	-	.97	46	.31	5	14	8	0	0	0	0	0	0	0	0	7.64	113	-	-	-	
Colwyn Bay		99	1100	13.1	3.4	8.3	-	21.7	1	-2.2	28, 29	-	-	2.87	93	.47	22	18	15	-	-	-	-	5	11	-	-	-	-	-	-	-	
Alwen		99	248	15.1	6.0	10.5	-	23.9	1	1.7	29	-	-	1.64	-	.34	22	16	12	-	0	-	-	0	0	-	-	6.86	-	-	-	-	
Ruthin		99	690	14.3	5.2	9.7	-	22.8	1	-0.6	28	10.1	8.1	2.75	-	.48	11	16	14	0	0	1	0	1	0	1	3	2	-	-	-	-	
Loggerheads		99	1267	12.9	5.4	9.1	-	20.6	1, 2	0.0	28	8.4	-	3.57	114	.47	22	19	15	0	0	0	1	1	0	0	3	0	-	-	-	-	
Bwlchwyn		99	275	15.9	6.4	11.1	-	23.3	1, 2	2.2	27	11.3	9.2	3.02	135	.43	11	17	14	0	0	0	0	0	0	0	0	9	0	-	-	-	
Wrexham		99	61	13.2	8.7	10.9	-	20.4	1	6.8	5	-	-	2.40	-	.48	4	17	15	-	0	-	-	0	0	0	-	-	-	-	-	-	
Caernarvon		21-9	112	14.7	7.3	11.0	-	21.7	1, 2	4.4	10, 15, 16	13.1	10.7	2.86	-	.45	7	17	14	0	0	0	0	0	0	0	1	0	8.13	-	-	-	
Botwnnog		99	275	14.8	7.3	11.1	-	21.7	1, 31	4.4	12, 28	-	-	2.94	99	.49	6	15	14	0	0	0	0	0	0	0	0	8.24	-	-	-	-	
Bryn Adda		99	324	14.3	6.7	10.5	-	23.3	1	0.0	28	10.7	-	10.47	143	1.09	19	20	18	-	0	-	-	0	1	6	-	-	-	-	-	-	
Cwm Dyli		99	60	14.8	7.7	11.3	0.0	19.4	1, 29, 31	3.9	13	-	-	2.39	91	.39	5	17	14	0	0	0	0	0	0	5	0	7.27	110	-	-	-	
Aber		99	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Llandudno		99	750	14.1	6.7	10.4	-	22.2	2	3.9	10, 28	-	-	3.78	68	.58	7	16	14	-	0	-	-	3	0	-	-	6.55	-	S	-	-	
Merioneth		99	473	14.9	5.3	10.1	-	22.8	1	0.0	13	-	-	2.53	84	.58	22	16	15	0	0	0	0	0	-	2	10	0	-	-	S	-	
Corwen		99	200	15.6	5.9	10.7	-	24.4	1, 31	0.6	13	-	-	5.92	-	.99	24	19	18	-	-	-	-	0	0	7	-	-	-	-	-	-	
Montgomery		99	995	13.3	5.1	9.2	-	21.7	2	1.7	12, 13, 28	9.6	-	5.26	144	.92	22	19	16	0	0	1	0	0	0	0	4	0	-	-	-	-	-
Lake Vyrnwy		99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
8a SOUTH WALES		21-9	378	13.7	7.4	10.5	-0.1	23.2	1	4.6	29	-	-	2.47	104	.51	8	16	11	0	0	1	0	2	0	0	3	1	7.81	-	-	-	-
Cardigan		99	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Aberystwyth		99	452	13.8	6.7	10.3	-0.6	22.2	1	3.9	13, 28	-	-	2.77	117	.49	8	18	12	0	0	0	0	0	2	0	5	0	7.30	115	-	-	-
Ffrongoch		99	103	14.8	6.5	10.7	-	22.8	1	1.7	13	-	-	2.54	107	.37	8	17	12	0	0	0	0	0	0	0	7	0	7.63	-	-	-	-
Gogerddan		99	540	14.6	5.4	10.0	-	23.3	1	1.1	18, 27	-	-	3.80	127	.94	5	16	14	-	0	-	-	1	0	8	-	7.15	-	-</			

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

MAY,

1966

DISTRICT, COUNTY AND PLACE		Terminal hr. GMT of Observation	Height of Station above MSL (feet)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days										BRIGHT SUNSHINE					
				MEANS OF		Mean Temperatures (Mean of A & B)	Difference from Average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (inches)	Per cent of Average	Most in a Day (Amount)	Precip'n (0.01 in 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	Gale	Daily Mean (hr.)	Per cent of Average	Exposure		
				A Max.	B Min.			Maximum	Date	Minimum	Date	1 ft.	4 ft.																		
				86 ENGLAND, S.W.—CONT.																											
Devon	Hartland Point ...	21-9	298	13.0	8.8	10.9	-	20.7	1	6.7	13,28	-	-	2.94	132	.44	7	16	13	0	0	0	0	0	0	4	8.23	119	-		
	Mount Batten ...	21-9	87	14.6	8.5	11.5	-0.2	21.7	1	3.9	10	-	-	3.03	127	.85	7	16	13	0	0	0	0	0	0	0	8.39	119	-		
	Plymouth, The Hoe	9 9	119	15.6	8.3	11.9	-0.3	22.2	1	4.4	10	12.9	11.7	3.35	141	1.10	7	17	13	0	0	0	0	0	0	0	7.86	111	-		
	Tavistock ...	9 9	457	15.4	6.6	11.0	-0.4	23.3	1	1.7	10	-	-	4.69	-	1.10	7	18	15	0	-	3	0	0	10	0	-	-	-		
	Chivenor ...	21-9	20	15.7	7.5	11.6	-0.6	23.5	1	3.4	13	-	-	2.35	115	.42	8	15	11	0	0	0	0	1	0	0	7.84	-	-		
	Ilfracombe ...	9 9	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Princetown ...	9 9	1359	12.2	5.6	8.9	-	20.0	1	2.8	10	-	-	7.56	155	1.40	4	18	17	-	-	-	-	0	1	-	-	-	-		
	Totnes ...	9 9	120	15.8	6.2	11.0	-	21.7	2	1.7	13	12.9	10.7	3.60	122	.69	7	18	15	0	0	0	2	2	0	7	7.97	-	-		
	Slapton ...	9 9	104	14.9	7.9	11.4	-	18.3	16	4.4	10	-	-	3.12	-	.79	7	13	11	0	0	0	0	0	0	0	0	-	-	-	
	Newton Abbot ...	9 9	272	15.4	6.9	11.1	-0.5	22.2	2	3.3	13	-	-	2.83	112	.68	7	14	11	0	0	0	0	0	1	0	0	8.60	134	-	
	Paignton ...	9 9	8	16.1	7.9	12.0	-	22.2	2	4.4	10,13	-	-	2.67	106	.57	4	14	10	0	0	0	0	0	0	0	-	8.80	128	-	
	Torquay ...	9 9	26	15.7	7.9	11.8	-0.3	22.2	2	3.6	10	-	12.2	2.47	109	.56	4	13	12	0	0	0	0	0	0	0	1	9.30	130	-	
	Teignmouth ...	9 9	20	15.6	8.2	11.9	-0.2	20.6	2	4.4	13	-	-	2.15	95	.48	4	13	9	0	0	0	0	0	0	0	0	9.12	130	-	
	Starcross ...	9 9	29	15.6	7.2	11.4	-	21.7	2	3.3	12,13	13.0	-	2.30	100	.52	7	12	10	-	0	-	-	-	0	0	-	8.75	-	-	
	Exmouth ...	9 9	195	15.3	7.6	11.5	+0.2	20.0	2	4.4	13	-	-	2.18	94	.53	7	14	11	0	0	0	0	0	0	0	-	8.92	132	-	
	Cornwall	Exeter ...	21-9	106	16.2	6.7	11.5	-	22.1	2	1.6	13	-	-	2.17	98	.46	8	12	10	0	0	0	0	0	0	2	0	7.85	-	-
Scilly ...		21-9	158	14.3	9.6	11.9	+0.2	18.4	31	6.5	8	-	-	2.54	117	.55	3	17	12	0	0	0	0	0	1	0	0	8.54	113	-	
Penzance ...		9 9	62	15.1	8.4	11.7	-0.5	18.9	31	3.9	13	-	-	4.27	175	1.00	7	18	15	0	0	0	0	0	1	0	2	7.97	112	-	
Gulval ...		9 9	50	14.8	8.7	11.7	-0.2	19.4	31	5.0	13	-	-	3.90	167	.90	7	18	15	-	0	-	-	0	0	0	-	8.28	116	-	
Culdrose ...		9 9	268	13.8	7.8	10.8	-	18.3	31	3.3	12	-	-	2.59	122	.54	7	18	13	0	0	0	1	0	1	0	2	8.09	-	-	
Rosewarne ...		9 9	250	14.2	8.4	11.3	-	20.6	1	4.4	12	12.4	11.7	3.95	169	.94	7	16	13	0	0	1	0	0	0	1	0	8.24	-	-	
Lizard ...		9 9	240	13.6	8.6	11.1	-0.3	17.1	31	5.6	13	-	-	2.48	125	.48	7	16	11	0	0	1	0	0	-	4	8.52	-	-		
Falmouth ...		9 9	167	-	7.7	-	-	-	3.3	12,13	-	-	-	2.95	113	.75	7	13	11	0	0	0	0	0	0	2	0	7.86	111	-	
Newquay ...		9 9	176	14.7	8.6	11.7	+0.2	21.7	1	3.9	13	-	-	2.01	92	.53	7	12	10	0	-	0	0	-	-	0	8.35	119	-		
St. Mawgan ...		21-9	337	14.6	8.1	11.3	-	21.5	1	5.4	13	-	-	2.41	99	.51	7	16	11	0	0	0	1	0	1	0	0	8.11	-	-	
St. Austell ...		9 9	310	14.7	7.0	10.9	-	19.4	2	3.3	13	-	-	3.22	105	.84	7	17	12	0	0	0	0	0	0	0	-	-	-	-	
Fowey ...		9 9	130	14.7	7.7	11.2	-0.9	19.4	2	3.3	13	-	-	2.52	-	.65	7	15	13	0	0	0	0	1	0	-	-	-	-	-	
Bude ...		9 9	50	14.7	7.8	11.3	-0.1	21.7	1	2.8	10,13	11.3	-	2.31	110	.43	7	15	13	-	0	-	-	-	0	-	-	7.80	114	-	
Ellbridge ...		9 9	190	15.4	6.7	11.1	-0.6	22.8	1	2.2	10	-	-	3.46	133	.70	7	17	12	0	0	0	0	0	0	0	0	7.96	117	-	
9 NORTHERN IRELAND																															
Londonderry		Loughmore Forest	9 9	570	14.1	5.1	9.6	-	21.7	30	0.5	18	-	-	3.65	-	.65	16	21	19	0	0	0	0	0	0	3	0	-	-	-
	Ballykelly ...	21-9	6	14.9	6.8	10.9	+0.2	21.4	30	3.0	27	12.0	9.4	2.24	96	.33	16	19	14	0	0	1	0	0	0	0	1	6.90	107	-	
	Derrynoyd Forest	9 9	290	14.9	5.5	10.2	-	23.3	31	1.1	18	-	-	3.83	-	.68	24	20	15	0	0	1	0	0	0	5	0	-	-	-	
	Somerset Forest	9 9	140	14.3	5.5	9.9	-	22.2	30	2.2	18,29,30	-	-	3.05	-	.49	24	17	14	0	0	1	0	0	0	1	0	-	-	-	
Antrim	Garvagh Forest	9 9	290	14.5	5.3	9.9	-	21.7	30	0.6	18	-	-	3.61	-	.52	16	22	19	0	0	2	0	1	0	0	6	0	-	-	-
	Moneydig ...	21-9	112	14.8	5.5	10.1	-0.3	21.6	30	1.5	30	11.7	-	3.71	134	.54	16	21	17	0	0	3	0	1	0	7	1	-	-	-	
	Portrush ...	-	30	-	-	-	-	-	-	-	-	-	-	3.61	155	.71	24	21	16	-	-	-	-	-	-	-	7.15	-	-		
	Ballymoney ...	9 9	180	14.6	6.2	10.4	-	21.7	30	0.6	18	-	-	4.00	-	.77	16	19	15	0	-	0	0	0	0	0	-	-	-	-	
Down	Lisnafillan ...	9 9	124	14.5	5.1	9.8	-	21.1	30,31	0.6	15	-	-	3.68	-	.66	24	18	16	0	0	0	0	0	0	0	0	7.05	-	-	
	Aldergrove ...	21-9	225	14.6	6.2	10.4	-0.1	21.7	31	1.6	12	11.1	8.5	3.29	121	.74	16	18	16	0	0	3	0	1	0	5	0	6.49	103	-	
	Greenmount ...	9 9	105	14.7	6.2	10.5	-	22.8	31	2.2	12	11.4	-	3.15	-	.67	16	17	16	0	0	0	0	0	0	2	-	-	-	-	
	Altnahinch ...	9 9	742	12.6	5.5	9.1	-	20.0	30	2.2	7	-	-	5.51	-	.68	16	21	16	0	0	1	1	1	0	0	2	5.88	-	-	
	Parkmore Forest	9 9	770	12.4	4.8	8.6	-	20.0	31	1.1	10	8.5	-	5.91	-	.70	24	20	17	0	0	0	0	0	0	4	2	-	-	-	
	Black Mountain	21-9	969	13.2	5.2	9.2	-	20.8	31	1.0	7	-	-	4.37	-	.95	24	17	14	0	-	0	0	0	0	0	-	-	-	-	
	Lowtown ...	9 9	890	12.7	5.1	8.9	-	20.6	31	1.7	10	8.8	-	4.54	-	.82	16	20	16	0	0	1	0	1	2	0	5	0	6.23	-	-
	Ballypatrick Forest	9 9	500	12.8	5.7	9.3	-	20.0	30	3.3	10,15	-	-	3.68	-	.45	16	19	18	0	0	0	0	0	0	0	0	6.59	-	-	
	Newtownabbey ...	9 9	105	14.7	7.1	10.9	-	21.1	1,31	4.4	7,10	11.7	-	3.27	-	.70	24	17	15	0	0	2	0	1	0	0	2	6.93	-	-	
	Larne ...	9 9	140	15.2	6.0	10.6	-	21.7	31	2.8	18	-	-	4.28	152	.62	16	18	15	0	0	0	0	0	0	2	-	-	-	-	
	Kilroot ...	9 9	71	14.2	5.3	9.7	-	20.0	31	1.7	7,18	-	-	3.12	-	.59	24	16	13	0	0	0	0	0	0	1	0	-	-	-	
Down	Newry Abbey ...	9 9	32	15.7	6.5	11.1	-	23.9	31	2.8	12,30	-	-	3.54	-	.56	16	18	17	0	0	0	0	0	0	0	-	-	-	-	
	Hillsborough ...																														

TABLE IV

—SUMMARY OF OBSERVATIONS AT FIXED HOURS

MAY,

1966

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (ft.)		Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Yards and Miles)					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	0-44 yds.	45-210 yds.	220-430 yds.	440-1,090 yds.	1,100-2,190 yds.	2,200-4,390 yds.	3-6 mi.	7-12 mi.	13-24 mi.	25 or over mi.	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.							
																										SPEED IN KNOTS																			
																										8 or more	9-12	13-16	17-20	21 or more															
																										34 or more	22-33	11-31	1-10	0															
Number of Observations																																													
0 SCOTLAND, N.																																													
Zetland	3	1012.6	-	5.8	0.4	8.7	94	6.1	0	5	3	10	12	1	0	0	0	0	0	0	0	0	0	0	0	1	2	12	13	3	3	2	3	7	5	4	2								
Lerwick	9	1012.7	-3.0	8.1	1.1	9.2	86	6.5	0	2	6	12	10	1	0	0	0	0	0	0	0	0	0	0	0	0	4	19	8	0	0	2	3	7	6	5	4								
273 ft.	15	1012.4	-	8.5	1.2	9.3	85	6.4	0	1	9	8	12	1	0	0	0	0	0	0	0	0	0	0	0	0	9	16	6	0	2	3	6	3	7	4	6	0							
Orkney	21	1012.6	-	6.5	0.4	9.0	93	5.9	0	6	3	10	12	0	0	0	0	0	0	0	0	0	0	0	0	0	3	13	12	3	0	5	3	3	5	5	3	4							
Kirkwall	3	1012.3	-	6.3	0.5	8.8	93	5.8	0	6	4	10	9	2	0	0	0	0	0	0	0	0	0	0	0	0	1	10	18	1	2	2	2	8	3	7	5	1							
86 ft.	9	1012.3	-2.9	9.4	1.6	9.3	80	5.5	0	7	5	11	8	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	5	11	9	1	3	5	11	9	1								
Caithness	15	1012.1	-	10.3	2.0	9.4	76	6.0	0	4	6	11	10	0	0	0	0	0	0	0	0	0	0	0	0	0	3	15	12	0	7	2	2	4	9	4	3	0							
Wick	21	1012.5	-	7.3	0.8	9.1	89	6.5	0	4	2	13	11	1	0	0	0	0	0	0	0	0	0	0	0	0	1	13	14	3	1	2	4	4	7	4	4	2							
121 ft.	3	1012.2	-	6.2	0.7	8.5	90	5.1	0	9	5	9	6	2	0	0	0	0	0	0	0	0	0	0	0	0	1	7	22	1	1	1	2	7	5	5	6	3							
Sutherland	9	1012.4	-3.4	9.2	1.8	9.0	79	6.0	0	6	1	15	7	2	0	0	0	0	0	0	0	0	0	0	0	0	1	16	13	1	1	3	1	9	10	1	2	3							
Cape Wrath*	15	1012.0	-	10.2	2.1	9.2	75	6.3	0	8	16	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	16	14	0	4	0	4	13	4	1	3	2							
371 ft.	21	1012.5	-	7.6	1.0	9.0	86	5.6	0	6	5	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	19	2	1	2	2	7	5	3	4	5							
Ross & Cromarty	3	1011.0	-	7.4	1.2	8.6	83	5.9	0	4	7	9	11	0	0	0	0	0	0	0	0	0	0	0	0	0	4	12	14	0	2	2	6	2	4	11	3	1							
Stornoway	9	1011.2	-	8.5	1.6	8.6	79	6.7	0	1	5	9	15	1	0	0	0	0	0	0	0	0	0	0	0	0	3	15	12	1	2	2	4	3	5	11	2	1							
16 ft.	15	1011.3	-	9.1	1.5	9.2	80	6.7	0	1	6	9	14	1	0	0	0	0	0	0	0	0	0	0	0	0	3	11	17	0	3	1	6	1	3	10	5	2							
Inverness	21	1011.2	-	8.0	1.2	8.9	84	6.5	0	8	13	8	2	0	0	0	0	0	0	0	0	0	0	0	0	0	3	12	15	1	2	3	5	3	2	11	3	1							
Benbecula	3	1011.7	-	6.0	0.4	8.9	94	5.0	0	9	10	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	13	10	7	3	1	1	3	10	3	0	3							
21 ft.	9	1011.7	-3.7	9.5	1.3	9.8	83	6.0	0	1	9	13	8	0	0	0	0	0	0	0	0	0	0	0	0	0	3	15	11	1	3	0	3	5	14	1	1	3							
Benbecula	15	1011.7	-	10.8	2.1	9.6	75	6.3	0	1	6	15	9	0	0	0	0	0	0	0	0	0	0	0	0	0	2	19	9	1	2	2	2	3	14	4	1	2							
21 ft.	21	1012.3	-	8.2	0.9	9.5	88	5.8	0	7	8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	18	5	4	3	2	3	4	6	4	0							
1	3	1011.4	-	7.2	0.6	9.3	91	4.8	0	9	6	11	5	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	3	10	11	1	2	7	10	1	3	3							
Benbecula	9	1011.2	-3.9	10.0	1.4	10.0	81	5.9	0	4	5	16	6	0	0	0	0	0	0	0	0	0	0	0	0	0	5	16	9	1	1	0	2	4	15	2	4	2							
21 ft.	15	1011.4	-	11.2	2.0	10.1	76	5.5	0	5	10	11	5	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	10	16	0	5	18	8	0	9	9	4	1						
21	21	1011.9	-	8.7	1.0	9.9	87	5.5	0	4	8	12	7	0	0	0	0	0	0	0	0	0	0	0	0	1	3	12	14	1	3	1	2	5	8	5	3	1							
1 SCOTLAND, E.																																													
Moray	3	1012.7	-	6.7	1.1	8.2	84	5.5	1	4	5	14	7	0	0	0	0	0	0	0	0	0	0	0	0	0	4	5	9	12	1	0	7	21	2	0	2	3	4	9	7	2	2		
Kinloss	9	1012.7	-3.0	10.9	2.6	9.0	70	6.8	0	0	5	19	7	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	8	19	1	1	11	18	0	3	2	4	3	5	3	7	4		
19 ft.	15	1012.0	-	12.8	3.5	9.0	62	6.4	0	2	3	19	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	11	14	0	5	14	12	0	5	3	6	4	3	4	3	3	
Aberdeen	21	1012.7	-	9.1	1.6	9.1	80	5.9	0	6	2	15	8	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	8	8	12	0	0	13	17	1	4	0	6	3	3	7	5	2	
Dyce	3	1012.8	-	5.6	0.8	8.1	89	5.5	1	6	4	11	6	3	0	0	0	0	0	0	0	0	0	0	0	0	0	11	4	2	8	0	0	7	11	13	2	0	0	2	4	4	3	3	
193 ft.	9	1012.8	-3.3	10.2	2.4	8.8	71	6.0	0	3	6	12	9	1	0	0	0	0	0	0	0	0	0	0	0	0	1	5	7	7	9	1	0	17	9	4	3	0	2	5	8	2	2	5	
Rattray Head *	15	1012.3	-	11.8	3.1	8.9	66	6.5	0	2	3	16	10	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6	7	9	7	1	0	21	9	4	0	4	0	3	6	11	2	2	3
108 ft.	21	1012.9	-	7.9	1.2	8.8	83	5.2	1	6	6	11	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	7	5	3	0	0	12	11	8	0	1	1	3	7	4	4	3	
Angus	3	1012.9	-	6.6	0.9	8.5	88	4.8	1	7	7	12	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	26	0	0	2	9	16	4	4	0	5	3	1	11	1	7	0		
Usan	9	1013.2	-2.8	9.2	1.8	8.9	78	5.6	0	4	7	14	4	2	0	0	0	0	0	0	0	0	0	0	0	0	1	3	16	9	0	1	2	15	9	4	4	0	5	3	8	2	3	2	
114 ft.	15	1012.7	-	10.1	1.9	9.5	77	5.1	0	3	15	9	3	1	0	0	0	0	0	0	0	0	0	0	0	0	4	17	9	0	1	3	20	7	0	4	1	5	7	6	3	3	2		
Fife	21	1013.0	-	8.0	1.2	8.9	84	5.0	0	2	15	7	5	2	0	0	0	0	0	0	0	0	0	0	0	0	3	11	14	3	3	0	4	5	9	2	5	0	2	5	0				
Leuchars	3	1012.7	-	6.5	0.5	9.0	92	4.5	1	12	4	8	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	2	21	0	0	5	23	3	4	1	0	1	3	6	8	5	
38 ft.	9	1013.0	-	9.1	0.9	10.1	88	5.5	0	4	9	11	6	1	0	0	0	0	0	0	0	0	0	0	0	0	2	2	5	7	13	0	0	12	15	3	2	2	1	1	12	7	2	1	
Midlothian	15	1012.8	-	10.1	1.2	10.4	86	6.0	0	1	8	14	6	1	0	0	0	0	0	0	0	0	0	0	0	0	2	5	2	6	16	0	0	17	13	1	2	1	3	3	15	3	2	1	
Turnhouse	21	1012.6	-	8.1	0.6	9.7	90	4.5	1	9	7	7	6																																

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

MAY,

1966

[illegible]

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

MAY,

1966

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (ft.)	Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Yards and Miles)							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	0-44 yds.	45-210 yds.	210-430 yds.	440-1,090 yds.	1,100-2,199 yds.	2,200-4,399 yds.	5-8 mi.	7-12 mi.	13-24 mi.	25 or over mi.	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
																									SPEED IN KNOTS												
																									8 or more	7	6	5	4								
																									27/23	11-21	1-10	0									
Number of Observations																																					
4 MIDLAND COUNTIES —cont.	3	1015.9	-	7.7	0.7	9.5	90	3.5	9	7	3	6	6	0	0	0	0	0	2	1	19	8	0	1	0	0	3	19	9	0	0	0	1	9	3	4	5
	9	1016.1	-0.2	12.3	2.1	10.8	75	5.4	2	6	2	12	9	0	0	0	0	0	0	2	9	15	4	1	0	1	12	17	1	5	3	1	4	6	5	2	
	15	1014.9	-	15.2	3.6	11.0	65	5.0	2	4	9	11	5	0	0	0	0	0	0	1	7	12	7	4	0	2	14	14	1	2	1	5	5	5	5	1	
	21	1015.6	-	10.9	1.6	10.6	80	4.3	5	6	5	9	6	0	0	0	0	0	0	3	15	10	3	0	0	1	8	20	4	0	5	3	4	4	6	3	
	3	1016.8	-	7.4	0.8	9.1	88	4.0	5	10	3	7	6	0	0	0	0	1	0	4	6	13	7	0	0	0	8	19	4	5	1	1	0	5	8	4	
	9	1016.8	+0.2	12.3	2.4	10.4	73	5.3	2	6	5	9	9	0	0	0	0	0	0	1	7	14	5	4	0	1	16	14	0	5	6	1	1	8	5	4	
	15	1015.7	-	14.7	3.8	10.1	62	5.6	1	4	6	11	9	0	0	0	0	0	0	0	3	10	12	6	0	2	21	8	0	1	6	0	2	7	6	3	
	21	1016.3	-	10.3	1.6	10.0	79	3.8	2	12	7	6	6	4	0	0	0	0	0	1	8	10	11	1	0	0	6	25	0	0	3	4	3	2	0	10	3
	3	1016.7	+0.1	10.9	2.3	9.4	73	5.2	2	6	6	6	11	0	0	0	0	0	0	0	10	11	8	2	0	0	10	21	0	0	3	5	0	10	6	2	
	9	1015.4	-	14.0	3.9	9.3	60	5.1	2	4	9	9	7	0	0	0	0	0	0	1	4	6	10	10	0	1	8	22	0	1	2	4	0	8	10	4	
15	1016.4	-	11.5	2.8	9.1	67	4.3	1	12	4	10	4	0	0	0	0	0	0	0	9	17	4	1	0	1	7	23	0	3	2	3	1	3	5	12	2	
21	1016.9	-	7.0	0.9	8.8	87	4.3	4	8	4	10	5	0	0	0	0	0	0	0	2	14	14	1	0	0	1	7	15	8	2	1	0	2	9	5	2	
3	1016.6	-	11.4	2.4	9.7	72	5.6	1	6	5	9	10	0	0	0	0	0	0	0	2	13	15	1	0	0	1	16	14	0	1	5	2	5	8	4	3	
9	1015.4	-	14.6	4.4	9.0	56	5.5	0	4	11	8	8	0	0	0	0	0	0	0	1	7	13	7	3	0	3	20	8	0	1	4	1	4	8	7	2	
15	1016.5	-	11.1	2.6	9.1	69	5.1	0	7	7	9	8	0	0	0	0	0	0	0	2	18	10	1	0	0	1	6	21	3	0	2	2	5	5	8	4	
21	1016.3	-	7.1	0.7	9.1	90	4.9	3	5	4	15	4	0	0	0	1	0	1	1	4	9	13	2	0	1	4	13	13	1	1	0	0	5	7	3	1	
3	1016.1	-	11.3	2.1	10.0	75	5.6	1	4	6	13	7	0	0	0	0	0	0	1	7	8	13	2	0	2	8	17	4	2	1	3	3	7	4	5	2	
9	1014.9	-	14.8	3.9	10.0	61	5.4	2	2	8	15	4	0	0	0	0	0	0	0	4	6	9	12	0	3	14	12	2	1	2	2	6	3	9	4		
15	1016.2	-	10.5	1.9	9.7	76	5.1	0	7	8	12	4	0	0	0	0	0	0	0	1	4	6	13	7	0	0	9	19	3	4	0	5	0	2	5	9	3
21	1017.1	-	7.6	0.7	9.5	90	4.1	7	6	2	5	11	0	0	0	0	2	0	0	11	7	9	2	0	0	6	17	8	4	2	0	0	5	9	3	0	
3	1016.9	-	12.1	2.2	10.5	75	5.5	1	6	5	3	16	0	0	0	0	0	0	0	8	10	8	5	0	2	17	12	0	3	1	7	0	4	7	8	1	
9	1015.6	-	15.2	3.8	10.5	62	5.1	0	7	7	3	14	0	0	0	0	0	0	0	6	6	7	12	0	3	19	9	0	2	3	3	0	4	11	6	2	
15	1016.8	-	11.2	1.9	10.3	77	4.5	2	10	3	3	13	0	0	0	0	0	0	0	5	9	9	8	0	1	8	19	3	2	0	5	1	3	6	9	2	
21	1016.5	0.0	11.9	2.3	10.2	73	5.3	1	7	6	7	10	0	0	0	0	0	0	0	13	5	11	2	0	0	10	21	0	2	5	2	0	4	14	3	1	
3	1015.3	-	15.1	3.8	10.4	62	4.8	1	7	7	10	6	0	0	0	0	0	0	0	9	2	17	3	0	0	12	19	0	1	5	1	2	1	12	7	2	
9	1016.8	-	11.2	2.2	9.9	74	4.5	1	11	4	10	5	0	0	0	0	0	0	0	0	6	3	14	8	0	0	3	25	3	1	3	2	0	1	13	8	0
15	1017.4	-	8.3	1.0	9.6	87	3.8	10	4	4	5	8	0	0	0	0	2	1	9	13	6	0	0	0	0	7	17	7	2	3	0	1	4	7	6	1	
3	1017.3	+0.7	12.1	2.1	10.6	75	5.0	1	8	7	5	10	0	0	0	0	0	0	0	6	11	13	1	0	2	13	15	1	2	4	2	0	4	12	2	4	
9	1016.2	-	14.6	3.3	10.9	67	4.9	0	6	12	8	5	0	0	0	0	0	0	0	2	12	9	8	0	4	16	11	0	1	3	4	1	2	11	8	1	
15	1017.4	-	11.2	1.9	10.3	77	4.7	2	8	8	6	7	0	0	0	0	0	0	0	8	15	5	3	0	0	8	23	0	2	5	0	1	2	13	6	2	
21	1017.4	-	8.6	1.0	9.7	86	4.4	4	7	6	5	9	0	0	0	0	0	0	4	12	8	7	0	0	0	4	21	6	3	0	0	0	7	1	2	2	
3	1017.1	-	12.6	2.3	10.7	73	5.1	1	6	9	8	7	0	0	0	0	0	0	0	6	12	6	7	0	0	0	12	18	1	3	5	0	1	7	9	3	
9	1016.0	-	15.8	4.0	10.8	62	5.3	1	5	9	10	6	0	0	0	0	0	0	0	1	7	4	7	12	0	0	16	15	0	3	2	4	0	7	10	3	
15	1017.3	-	11.9	2.2	10.4	74	4.7	1	10	5	8	7	0	0	0	0	0	0	0	4	5	9	6	7	0	0	6	22	3	1	4	1	1	8	9	2	2
21	1017.3	-	7.4	0.8	9.2	89	4.4	4	9	3	5	8	2	0	1	0	1	2	2	8	11	5	1	0	0	9	21	1	3	3	2	0	4	8	6	4	
3	1016.9	+0.6	10.6	2.0	9.7	77	5.2	2	5	7	4	13	0	0	1	1	0	0	0	7	8	8	6	0	0	17	14	0	1	5	3	1	5	8	5	3	
9	1015.8	-	13.4	3.3	9.9	66	5.5	0	5	9	8	9	0	0	0	0	0	0	0	2	4	9	5	11	0	2	20	9	0	2	4	3	0	5	9	6	2
15	1017.0	-	9.9	1.8	9.5	78	4.0	3	9	7	6	6	0	0	0	0	0	0	0	3	3	6	12	7	0	0	11	19	1	2	3	3	1	1	9	9	2
5 ENGLAND, S.E.																																					
Greater London	3	1017.4	-	8.3	0.9	9.7	88	3.5	7	8	5	6	5	0	0	0	1	1	0	3	7	14	4	1	0	0	5	20	6	5	2	0	1	7	5	4	2
	9	1017.4	-	12.6	2.6	10.4	71	5.5	2	3	8	10	8	0	0	0	0	0	0	2	1	5	13	6	4	0	1	17	11	2	6	1	0	8	6	4	1
	15	1016.1	-	15.8	4.3	10.3	59	5.3	1	4	9	9	8	0	0	0	0	0	0	0	5	9	8	0	0	4	19	8	0	1	7	0	3	8	8	2	
	21	1017.0	-	11.7	2.2	10.3	74	3.5	4	10	10	2	5	0	0	0	0	0	0	1	9	11	10	0	0	0	10	20	1	2	1	3	3	6	4	9	2
	3	1017.6	+1.1	13.0	2.9	10.1	67	5.5	2	5	10	11	0	0	0	0	0	0	1	2	4	7	10	7	0	0	11	19	1	3	6	1	0	6	7	6	1
	9	1016.3	-	15.9	4.6	9.8	56	5.6	1	4	7	9	10	0	0	0	0	0	0	0	1	4	8	7	11	0	1	14	16	0	2	3	2	3	9	6	3
	15	1017.3	-	11.9	2.5	9.9	71	3.4	5	10	5	8	3	0	0	0	0	0	0	5	12	9	5	0	0	4	27	0	0	2	4	2	5	11	5	2	
	21	1017.8	-	6.7	0.4	9.3	94	3.9	5	7	8	5	5	1	0	0	1	3																			

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

MAY,

1966

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (ft.)	Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Yards and Miles)							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	0-44 yds.	45-210 yds.	220-430 yds.	440-1,090 yds.	1,100-2,190 yds.	2,200-4,390 yds.	3-8 mi.	7-12 mi.	13-24 mi.	25 or over mi.	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.		
																									6	7	8	9											
																									10	11	12	1											
																									2	3	4	5											
Number of Observations																																							
7a ENGLAND, N.W.	3	1014.7	-	6.9	0.8	8.9	88	5.1	1	7	7	8	8	0	0	0	0	0	0	1	11	11	7	1	0	1	3	15	12	1	0	2	5	2	4	4	1		
	9	1014.5	-	11.2	2.3	9.6	72	5.9	1	4	4	13	9	0	0	0	0	0	0	1	6	8	12	4	0	1	10	17	3	1	12	2	5	5	4	7	0		
	15	1013.6	-	14.2	3.8	9.7	61	5.6	1	5	6	9	10	0	0	0	0	0	0	0	3	12	4	12	0	1	14	15	1	1	1	2	3	5	8	7	0		
	21	1014.5	-	9.9	1.6	9.8	80	4.6	0	10	7	9	5	0	0	0	0	0	0	1	7	13	8	2	0	0	6	18	7	2	1	3	1	6	6	5	0		
	3	1015.3	-	3.8	0.7	7.1	88	5.3	8	1	2	0	1	19	5	14	0	0	0	0	2	4	6	0	2	7	12	7	3	3	2	1	0	4	12	6	0		
Westmorland Great Dun Fell	9	1015.3	-	5.2	1.0	7.5	88	6.0	5	1	3	3	2	17	2	15	0	0	0	0	0	4	8	2	1	7	17	5	1	2	4	3	2	0	11	9	3	1	
	15	1015.3	-	7.3	1.7	7.9	80	5.8	3	2	3	11	1	11	1	10	0	0	0	0	1	3	13	3	2	8	14	6	1	0	3	2	0	4	14	6	0		
	21	1015.3	-	4.5	0.8	7.4	90	5.3	6	1	4	2	3	15	3	12	0	0	0	0	4	2	8	2	2	6	11	12	0	1	0	4	3	6	8	2			
	3	1015.9	-0.9	7.8	0.7	9.7	92	5.7	1	4	4	13	8	1	0	0	0	0	0	2	11	11	5	0	0	2	12	16	1	2	0	5	6	6	8	2			
	9	1015.3	-	11.6	1.6	11.0	81	5.7	0	5	7	8	11	0	0	0	0	0	0	2	12	11	6	0	0	2	18	10	1	0	0	3	6	5	6	8	2		
Lancashire Squires Gate	15	1014.5	-	13.3	2.5	11.1	74	5.4	1	4	7	12	7	0	0	0	0	0	0	4	5	9	7	6	0	1	22	8	0	1	0	3	1	4	4	10	8		
	21	1015.3	-	9.8	1.2	10.3	85	5.2	0	6	10	10	5	0	0	0	0	0	0	5	13	7	5	1	1	1	11	17	1	2	0	5	3	1	6	11	2		
	3	1015.8	-	8.8	1.2	9.5	84	4.3	2	5	10	7	6	1	0	0	1	0	0	3	8	14	5	0	1	10	16	4	2	1	3	4	9	2	3	3			
	9	1015.7	-	11.8	2.4	9.8	71	5.4	1	5	6	12	7	0	0	0	0	0	0	1	10	10	8	1	1	12	14	3	0	1	1	6	7	2	8	3			
	15	1014.8	-	14.7	4.0	9.8	61	4.3	2	9	4	12	4	0	0	0	0	0	0	1	9	6	11	4	0	2	15	14	0	1	1	1	2	8	4	9	5		
Cheshire Ringway	21	1015.7	-	11.4	2.4	9.6	71	4.6	1	8	6	15	1	0	0	0	0	0	0	1	5	8	11	5	1	0	2	24	3	1	2	1	1	5	5	7	6		
	3	1016.0	-	8.2	1.8	8.5	78	4.3	3	6	6	8	8	0	0	0	0	2	1	1	13	14	5	1	0	2	2	24	3	1	2	1	1	13	1	4	2		
	9	1015.8	-0.3	11.7	3.2	8.7	63	5.4	2	4	7	10	8	0	0	0	0	0	0	4	11	11	5	0	0	1	15	11	4	0	2	1	1	12	3	4	4		
	15	1014.4	-	14.5	4.6	8.6	55	5.4	2	4	5	12	8	0	0	0	0	0	0	1	7	10	13	0	0	1	17	13	0	0	0	4	1	7	9	3	7		
	21	1015.8	-	11.3	2.9	8.9	66	4.3	1	7	6	17	0	0	0	0	0	0	1	16	13	0	0	0	1	6	18	6	2	1	2	0	6	4	6	4			
7b NORTH WALES	3	1015.1	-	8.8	0.9	10.0	88	4.4	8	2	4	9	7	1	0	0	0	1	0	0	6	7	14	3	0	6	15	5	5	3	1	2	0	11	4	3	2		
	9	1015.0	-0.9	11.2	1.7	10.6	80	5.1	1	6	7	9	8	0	0	0	0	0	1	2	6	7	9	6	0	6	13	12	0	2	1	1	2	9	13	1	2		
	15	1015.0	-	13.3	2.7	10.6	71	4.6	1	7	9	10	4	0	0	0	0	0	0	1	5	5	14	1	6	16	8	0	2	3	2	0	6	12	3	3			
	21	1015.6	-	10.0	1.3	10.2	83	4.6	2	7	7	9	5	1	0	0	1	0	0	2	3	7	12	6	0	6	13	10	2	3	0	3	0	9	8	4	2		
	3	1015.8	-	9.6	0.6	11.0	93	4.4	7	5	4	4	9	2	0	0	0	2	0	0	2	9	14	4	1	8	15	4	3	6	2	3	0	6	7	4	0		
Caernarvon Bardsey Island	9	1015.7	-	10.5	0.7	11.6	91	4.7	2	7	8	4	10	0	0	0	0	0	0	2	3	8	10	8	0	6	12	11	2	2	3	1	1	7	9	6	0		
	15	1015.9	-	12.1	1.3	12.0	85	4.6	1	8	8	10	4	0	0	0	0	0	0	0	3	6	10	12	0	7	12	8	4	6	0	0	0	4	8	7	2		
	21	1016.0	-	10.3	0.8	11.3	91	4.2	2	8	11	3	6	1	0	1	0	0	0	2	10	13	5	0	9	13	6	3	5	1	2	0	5	9	4	2			
	3	1016.3	-	8.4	1.0	9.6	87	3.7	7	8	4	4	8	0	0	0	0	0	0	0	5	12	9	5	0	1	6	18	6	1	0	2	0	12	5	3	2		
	9	1016.0	+0.2	10.9	1.8	10.3	79	5.0	1	8	5	9	8	0	0	0	0	0	0	1	6	7	12	5	0	1	14	13	3	1	0	3	1	7	7	5	4		
8a SOUTH WALES	15	1015.9	-	12.6	2.6	10.4	72	4.8	1	8	6	13	3	0	0	0	0	0	0	1	3	7	13	7	0	1	12	18	0	4	1	2	1	2	6	10	5	4	
	21	1016.8	-	9.8	1.4	9.9	82	4.1	2	10	8	4	6	1	0	1	0	0	0	1	3	9	11	6	0	1	9	13	8	0	2	0	8	6	3	4	3		
	3	1016.9	-	9.4	1.1	9.8	85	3.8	11	2	5	4	9	0	0	0	0	0	0	1	12	11	7	0	0	2	12	13	4	3	2	3	0	6	6	4	3		
	9	1016.7	-	11.3	1.6	10.9	81	5.2	2	4	9	6	10	0	0	0	0	0	0	1	12	11	7	0	0	1	17	10	3	1	0	4	2	2	9	8	2		
	15	1016.9	-	13.1	2.5	10.7	72	4.6	2	5	11	7	5	1	0	0	1	0	0	1	8	11	10	0	0	1	19	11	0	1	0	2	2	1	11	9	5		
Pembroke Milford Haven C.B.	21	1017.3	-	10.8	1.6	10.4	81	4.0	3	9	8	4	7	0	0	0	0	0	0	2	10	16	3	0	0	3	8	19	1	0	3	0	4	0	4	10	4	2	
	3	1016.9	-	10.0	1.4	10.2	83	4.7	3	8	3	10	7	0	0	0	0	0	0	1	0	3	19	7	1	1	5	13	11	1	6	0	4	0	4	10	4	2	
	9	1016.8	-	11.2	1.7	10.5	79	5.0	2	7	5	9	8	0	0	0	0	0	0	1	15	11	4	0	1	5	13	11	1	6	0	4	0	4	10	4	2		
	15	1016.5	-	12.7	2.4	10.7	74	4.5	1	10	6	9	5	0	0	0	0	0	0	2	10	8	10	1	1	8	14	8	0	2	0	2	0	3	8	16	0		
	21	1017.2	-	10.7	1.5	10.4	78	4.5	1	10	7	6	6	1	0	0	0	1	0	0	10	14	6	0	0	3	17	9	2	4	1	2	0	1	9	10	2		
Glamorgan Mumbles	3	1017.2	-	8.2	0.8	9.6	88	4.0	4	9	7	2	8	1	0	0	0	0	0	0	7	9	10	4	0	2	11	5	3	1	2	3	0	4	6	6	6		
	9	1017.1	+0.6	11.5	1.9	10.5	77	4.3	1	9	7	3	11	0	0	0	0	0	0	2	5	12	9	3	0	2	15	14	0	0	1	6	1	6	8	6	3		
	15																																						

TABLE VIII—NUMBER OF DAYS IN MAY, 1966
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
Lerwick	0	0	17	14	0	0	0	0	0	0	0	0	14	17	0	0	Edgbaston	0	0	0	18	11	2	0	0	0	0	0	0	4	24	3	0
Stornoway	0	0	1	27	3	0	0	0	0	0	0	0	15	16	0	0	Kew	0	0	0	9	18	3	1	0	0	0	0	0	2	24	5	0
Craibstone	0	0	6	18	7	0	0	0	0	0	0	0	19	12	0	0	Hastings	0	0	0	12	9	1	0	0	0	0	0	0	1	24	6	0
Rothsay	0	0	3	22	6	0	0	0	0	0	0	0	5	26	0	0	Southampton	0	0	0	8	18	5	0	0	0	0	0	0	4	22	5	0
Abbotsinch	0	0	0	21	6	4	0	0	0	0	0	0	14	16	1	0	Stonyhurst	0	0	1	19	7	4	0	0	0	0	0	0	11	19	1	0
Eskdalemuir	0	0	4	17	6	4	0	0	0	0	0	0	3	19	9	0	Bidston	0	0	1	18	11	1	0	0	0	0	0	0	0	27	4	0
Douglas	0	0	2	24	4	1	0	0	0	0	0	0	4	26	1	0	Valley	0	0	0	24	4	3	0	0	0	0	0	0	1	29	1	0
Cockle Park	0	0	3	17	11	0	0	0	0	0	0	0	17	14	0	0	Falmouth	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
Gorleston	0	0	0	20	11	0	0	0	0	0	0	0	0	27	4	0	Aldergrove	0	0	0	21	8	2	0	0	0	0	0	0	8	23	0	0
Cambridge	0	0	0	12	15	3	1	0	0	0	0	0	11	18	2	0	Armagh	0	0	0	13	15	3	0	0	0	0	0	0	11	20	0	0

TABLE XIII—SOLAR RADIATION AND ILLUMINATION, MAY, 1966

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	714	27	55	22	406.7	31	378	31	55	22	237.6	31	821	31	73	22	465.5	31
Eskdalemuir	884	28	96	11	434.5	31	359	13	91	11	224.4	31	1172	28	143	11	607.0	31
Cambridge	839	29	2201	8	485.8	31	369	17	121	30	248.8	31	-	-	-	-	-	-
London (High Holborn) ..	842	29	139	11	434.9	31	325	31	126	11	224.1	31	934	30	162	11	496.9	31
Kew	859	29	139	25	464.3	31	367	29	134	25	243.5	31	987	30	170	25	531.9	31
Bracknell (Easthampstead) ..	822	30	172	8	485.4	31	349	17	(125)	29	236.1	31	899	30	201	8	533.0	31
Aberporth	807	28	91	8	541.2	31	390	14	98	29	250.5	31	-	-	-	-	-	-

TABLE II—ADDITIONS AND CORRECTIONS

YEAR	MONTH	STATION	HEIGHT OF VANE IN FEET			DISTRIBUTION OF MEAN HOURLY 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									
1965	July	Shin	78	33	33					175																	
	November	Shin	78	33	33	-	0	1	2	203	243	272	0	7.1	090	22	17	03	200	44	1	0145					
	December	Shin	78	33	33	-	0	1	2	88	181	469	4	4.0	170	23	15	06	170	36	15	0410					
1966	December	London W/Centre	306	229	125					36	414																
	January	Shin	78	33	33	-	0	1	2	110	215	417	0	4.8	170	24	5	08	170	50	5	0740					
	January	Millport	50	34	34	10, 11	4	16	112	376	191	61	0	14.1	090	35	10	19	090	54	10	1835					
	February	Bell Rock	128	131	124	2, 8, 9, 27, 28	24	22	270	279	82	17	0	19.7	120	40	2	11	130	55	2	1050					
	February	Paisley	188	81	31	-	0	2	15	177	374	106	0	8.6	170	25	25	21	170	47	25	2010					
	March	Shin	78	33	33	23	1	10	41	312	200	190	0	9.9	270	34	23	14	270	60	23	1320					
	March	Millport	50	34	34	10	1	6	22	476	182	30	33	13.2	240	34	10	08	240	53	10	0735					
	March	Hampton	139	101	100																						
	March	Moor House	1960	50	45	2, 6, 7, 10, 11, 23, 27	23	24	276	340	69	34	2	19.3	280	42	23	12	280	66	23	1135					
	April	Bell Rock	128	131	124	9, 22	2	19	247	383	73	15	0	18.1	150	34	22	12	030	47	14	1440					
	April	Moor House	1960	50	45					176	341																

TABLE III—ADDITIONS AND CORRECTIONS

YEAR	MONTH	STATION	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		Mean Temperatures (Mean of A & B)	Difference from Average a	HIGHEST MAXIMUM AND LOWEST MINIMUM				1 ft.	4 ft.	Total fall (inches)	Per cent of Average a	Most in A DAY		Precip'n 0.1in (0.2mm) or 0.4in (1.0mm) or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost†	Glass min. below °C	Gale	Daily Mean (hr.)	Per cent of Average a	Exposure
					A Max.	B Min.			Maximum	Date	Minimum	Date					Amount (inches)	Date													
1966	January	Santon Downham Cambridge B.G. Kilnsea East Bergholt Aldenham School Benmore F.S.									1.8	(1.12) 1.51 (1.03) (1.42)			20 (.21) 25 (.30)	11 8 17 12															
	February	Ilkley Ampleforth Aldenham School Sutton Bridge Santon Downham Kilnsea										5.57 (2.97) (2.54)	1.21 .35 .68	7 25 7	19 (14) 16	18 13															
	March	Whitby Luton Gateshead Ampleforth										.72 .50 .34 1.01	.44 32 30 55	.19 .11 .11 .23	26 26 26 26	10 9 6 8	6 6 4														

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Printed in England for H.M. Stationery Office by Key swift Ltd., Edgware.

Dd. 125625 K.12. 9/66. Gp. 1708. 72-6-66-5.

Monthly Weather Report

OF THE METEOROLOGICAL OFFICE

Met.O.775



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

Volume 83 Number 6

Published by HER MAJESTY'S STATIONERY OFFICE

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June 1966—*Wet, frequent thunderstorms. Warm during second week*

Weather was mainly cyclonic in character except during the first three days of the month when an anticyclone from the Atlantic moved south-eastwards across the country into France, and during the last two days when high pressure off our south-west coasts spread slowly north-eastwards.

The warm sunny weather at the end of May continued over most of England and Wales until June 3rd with more than 13 hours of sunshine daily in many western districts. In Scotland it was rather dull with occasional rain.

The 4th also was a fine day over much of southern England with afternoon temperatures reaching 27°C locally, but a depression from the Atlantic brought rain and cooler weather to northern districts; many places in western Scotland had more than an inch of rain and a fall of 2½ inches was recorded in Westmorland. The rain spread southwards during the night and continued in southern and eastern England for much of the next day. The 6th was mainly dry in the south-east, but fronts associated with a shallow depression approaching Northern Ireland from the Atlantic brought rain to most other districts during the afternoon and by the next morning into eastern England.

The weather pattern changed on the 8th as a ridge of high pressure from a developing Scandinavian anticyclone spread over the British Isles bringing very warm air from the Continent over southern England; at Southend afternoon temperatures rose to 25°C. On the 9th a thundery depression developed over the Bay of Biscay and this maintained a warm easterly airstream over the country for two or three days. Temperatures in the south rose to 28°C at many places and there were good sunny periods broken by scattered thunderstorms nearly everywhere except in the north-east where fog and low cloud were rather persistent. The thundery depression moved slowly northwards on the 12th, bringing rain to most parts of the country, and by the 13th most of the thunderstorms were in northern England. Sunny warm weather returned to south-east England on the 14th and 15th but in the north it was dull and rather wet with heavy thunderstorms on the afternoon of the 15th.

During the next two days a deepening depression became slow-moving to the west of Ireland maintaining a warm southerly airstream over most of England and Wales with outbreaks of thundery rain, thunderstorms being particularly widespread on the 17th. There were long sunny periods and scattered showers on the 18th as the main depression filled and moved northwards, but the showery weather gave place to more continuous rain during the evening of the 19th as a small disturbance moved eastwards along the English Channel.

A week of very unsettled weather followed. On the 20-22nd a complex area of low pressure covering the British Isles maintained generally cool weather with outbreaks of thundery rain or showers, but on the 23rd and 24th the main centre lay off eastern Scotland giving periods of continuous and heavy rain with falls exceeding 2 inches in some eastern coastal areas. Troughs from the Atlantic brought further rain to most districts on the 25th and 26th, and a deepening depression moving eastwards across Scotland brought widespread rain and gales on the 27th.

Behind the depression winds veered to north-west on the 28th and it became fine and sunny in all parts of the country, and this continued until the end of the month with 14-15 hours of sunshine daily in many districts.

Pressure and Wind — Mean pressure was everywhere below the 1931-60 average, the deficit at 9h ranging from 0.5 mb at Lerwick to 2.7 mb at Prestwick. Surface winds, light and variable at first, became south-westerly on the 4th, mainly easterly on the 9th and then southerly on the 14th-17th. They were rather variable on the 18-22nd becoming south-westerly on the 23rd and north-westerly during the last three days

of the month. Gales were widespread on the 27th and wind also reached gale force locally on the 26th and 28th. On the 27th gusts reached 65 and 64 kts at Lowther Hill and Great Dun Fell respectively.

Temperature — Over the month as a whole temperature was above the average, especially at night, although ground frost was fairly widespread on the morning of the 1st. Day temperatures were mainly above average until the 18th, and slightly below thereafter except during the last two days of the month.

Extremes included: (England and Wales) 28.9°C at Southampton on the 9th, 0.0°C at Medmenham, Silsoe and Monkswood on the 1st and at Santon Downham on the 30th; (Scotland) 25.6°C at Polloch and Fort William on the 11th, 0.0°C at Carnwath on the 29th; (Northern Ireland) 24.4°C at Lisnaskea on the 11th, 2.2°C at Loughermore Forest on the 6th.

Rainfall — Rainfall was slightly below the average in parts of South Devon, Dorset, Wiltshire, Gloucester and Hereford; elsewhere it was above the average. In England and Wales it was more than twice the average in parts of Somerset, Glamorgan, Shropshire, Lancashire, Cumberland, the North Riding of Yorkshire, Nottingham, from Lincolnshire southwards to Buckinghamshire, along the Sussex coast and in Kent. It was more than 350 per cent near Margate. In Scotland part of Perthshire had four times the average; Perth having its wettest June since 1860.

Thunder was heard on 19 days in England and Wales mainly between the 9th and 24th. At Speke thunder was heard on as many as 8 days during the month. Thunderstorms were widespread on the 9th-11th. In Scotland they occurred over a wide area during the 13th-23rd causing damage in many places.

Sunshine — Sunshine was below average over the whole of Scotland, deficits ranging from 40 hours in the extreme south to over 100 hours in an area extending from Bute to south Perthshire and parts of the Central Lowlands. In England and Wales sunshine was above average at a few places along the south coast, otherwise it was mainly below average, percentages ranging from 48 at Greenwich to 114 at Bognor Regis. At Ross-on-Wye it was the fourth successive June with below average sunshine.

Fog — In Scotland fog was observed at 9h at one place or another on 20 mornings. In England and Wales morning fog occurred mainly during the first two weeks and was very persistent in north-east coastal areas during the second week.

Miscellaneous Phenomena — No reports were received of aurora displays.

TABLE I—DISTRICT VALUES, JUNE, 1966

DISTRICTS	AIR TEMPERATURE					EARTH TEMP.		RAIN DAYS	RAIN-FALL	SUN-SHINE
	*Highest Max.	*Lowest Min.	Max.	Min.	Mean	Mean 1 ft.	Mean 4 ft.			
Difference from Average							% of Average			
0 SCOTLAND, N.	24.4	4.1	+0.4	+1.4	+0.9	-	-	193	+2	63
1 SCOTLAND, E.	22.8	6.1	-0.1	+1.5	+0.7	+0.9	+0.1	230	+5	56
2 ENGLAND, N.E.	25.4	4.0	+0.5	+1.2	+0.8	+0.8	+0.2	154	+2	73
3 ENGLAND, E.	27.2	1.7	+1.0	+1.1	+1.0	+0.6	+0.1	161	+2	91
4 MIDLANDS	26.7	4.4	+0.5	+1.1	+0.8	+0.8	+0.4	147	+5	86
5 ENGLAND, S.E.	28.9	2.5	+0.9	+1.1	+0.9	+0.5	+0.5	143	+3	98
6 SCOTLAND, W.	22.2	1.7	-0.2	+1.1	+0.5	+0.1	-0.2	115	+2	66
7 ENGLAND, N.W. and N. Wales	24.5	5.0	+0.4	+1.4	+0.9	+0.2	0.0	175	+3	81
8 ENGLAND, S.W. and S. Wales	26.7	4.4	+0.2	+0.9	+0.6	+0.2	+0.3	125	+5	84
N. IRELAND	23.1	3.7	+0.4	+1.3	+0.9	-	-	167	+5	69
SCOTLAND	24.4	1.7	0.0	+1.4	+0.7	-	-	175	+3	62
ENG. and WALES	28.9	1.7	+0.6	+1.1	+0.8	-	-	155	+3	85

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

TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND—

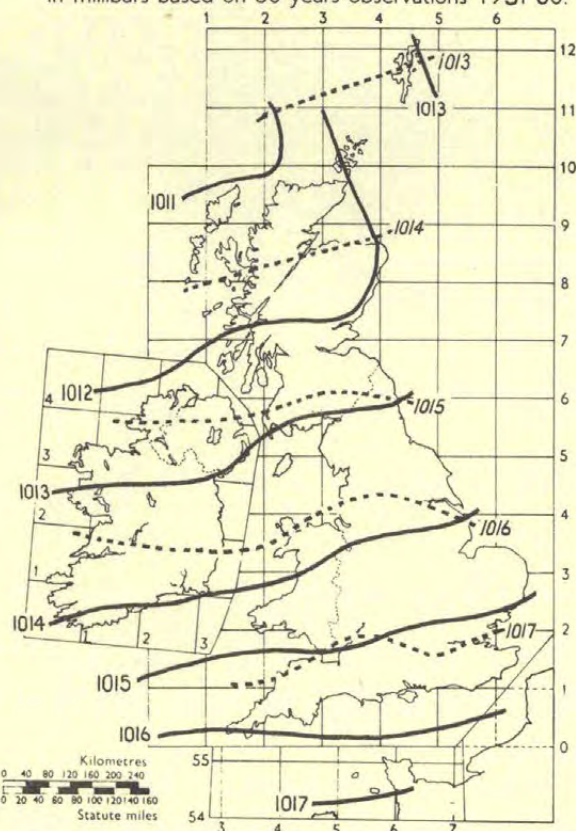
JUNE,

1966

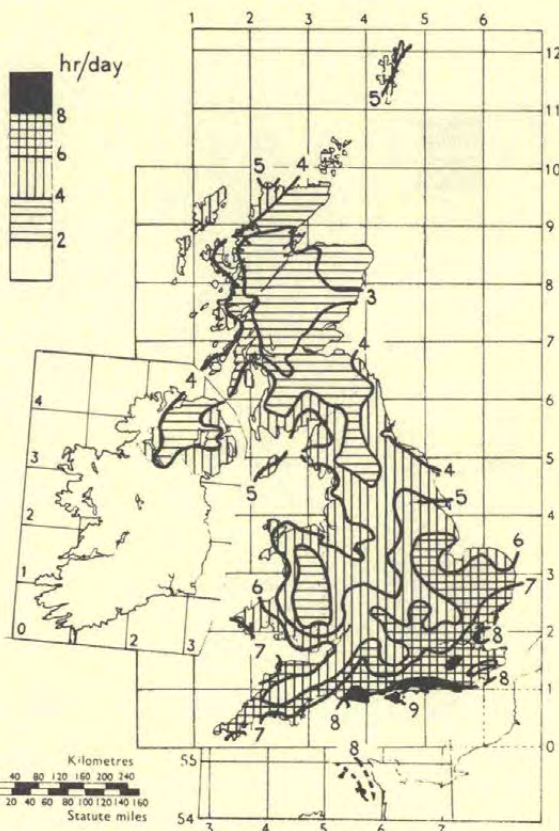
DISTRICT COUNTY AND PLACE			HEIGHT OF VANE IN FEET			DISTRIBUTION OF MEAN HOURLY VALUES OF WIND SPEED										Mean Hourly Wind Speed in knots	HIGHEST VELOCITIES					
			Above Mean Sea Level	Above ground	Effective Height	34 Knots or more (Gale force)		22 to 33 knots		11 to 21 knots		4 to 10 knots		Less 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	Zetland	Lerwick	304	33	33	-	0	10	52	251	369	48	0	10.6	190	30	20	01	190	44	20	0015
	Orkney	Kirkwall	134	50	33	-	0	6	20	325	297	78	0	10.4	050	32	23	23	060	44	24	0010
	Caithness	Dounreay	110	39	30	-	0	7	10	340	220	104	46	10.9	120	25	24	03	120	35	24	0230
	Sutherland	Shin	78	33	33	-																
	Ross & Cromarty	Stornoway (C'Guard)	120	40	36	-	0	6	37	231	241	211	0	8.7	010	29	24	05	010	41	24	0645
	Inverness	Duirinish	125	65	55	-	0	3	12	152	307	249	0	6.8	280	29	27	14	290	44	27	1425
		Benbecula	52	38	33	27	2	3	14	325	303	76	0	10.1	300	37	27	11	310	62	27	1050
		Fort Augustus	189	53	53	-	0	1	1	103	281	306	29	5.3	240	22	4	13	240	35	4	1335
		(N.S.H.E.B.)																				
1	Moray	Kinloss	57	41	41	-	0	3	6	213	354	147	0	8.1	360	25	23	21	010	36	23	1920
		Lossiemouth	101	80	60	-	0	0	0	121	331	212	56	6.1	360	20	23	20	260	32	3	0400
	Aberdeen	Dyce	234	30	30	-	0	1	6	160	392	162	0	7.3	350	25	28	13	350	36	28	1205
	Angus	Bell Rock	128	131	124	27	2	12	68	372	219	59	0	12.4	300	35	27	16	300	47	27	1605
	Perth	Rannoch	1006	56	57	-	0	4	10	299	281	118	12	9.5	270	30	27	13	270	42	27	1125
		Tummel Bridge	528	53	53	-	0	1	1	52	336	326	5	4.6	280	22	27	16	280	39	27	1510
	Fife	Leuchars	78	40	40	-	0	3	15	247	390	68	0	9.6	280	29	27	16	280	44	27	1505
	Midlothian	Turnhouse	137	40	33	-	0	1	8	183	418	111	0	8.0	270	32	27	16	270	54	27	1515
		Edinburgh, Blackford Hill	496	50	34	27	1	3	13	237	234	235	0	7.9	260	36	27	16	260	59	27	1535
6a	Argyll	Tiree	89	60	47	-	0	3	28	347	192	153	0	10.6	290	30	27	12	290	49	27	1145
	Bute	Millport	50	34	34	-																
	Dunbarton	Cumbernauld	543	33	33	27	2	2	9	244	206	89	170	9.5	250	36	27	15	(190)	41	4	1100
	Renfrew	Paisley	188	81	31	-	0	0	0	53	372	295	0	4.9	280	21	27	17	280	49	27	1655
		Abbotsinch	52	33	33	-	0	3	6	196	338	180	0	7.7	290	29	27	14	280	46	27	1310
	Lanark	Lowther Hill	241.5	43	33	24, 27	13	12	77	358	267	5	0	14.2	320	47	27	18	330	65	27	1545
	Ayr	Hunterston	41	30	30	-	0	5	23	209	299	189	0	8.4	300	32	24	17	290	42	24	1645
		Prestwick	68	33	33	-	0	2	14	242	362	102	0	9.1	300	32	27	17	290	48	27	1620
	Dumfries	Chapelcross	310	50	50	-	0	2	4	312	310	94	0	9.2	300	24	27	16	300	46	27	1545
		Eskdalemuir	825	50	35	-	0	2	10	115	289	306	0	5.5	290	32	27	16	300	55	27	1540
	Wigtown	West Freugh	81	33	33	-	0	2	15	217	455	33	0	9.3	320	29	27	17	320	48	27	1555
6b	Isle of Man	Ronaldsway	82	33	33	-	0	2	3	191	415	111	0	8.2	320	24	28	14	300	40	28	2300
		Point of Ayre	64	33	33	-	0	3	15	284	321	100	0	9.5	310	27	27	18	300	36	27	1730
2	Durham	Durham	389	53	33	-	0	2	11	122	405	172	10	7.1	260	32	27	19	250	56	27	1630
		South Shields	73	57	44	-	0	1	9	154	348	209	0	6.8	290	28	27	18	280	49	27	1955
	Lincoln	Cranwell	288	47	47	-	0	1	2	211	410	88	9	8.7	250	23	27	10	300	35	27	1755
		Manby	85	33	33	-	0	1	3	177	428	112	0	7.9	290	23	27	19	290	37	27	2020
3	Norfolk	Gorleston	54	43	43	-	0	2	6	290	371	47	6	10.1	170	27	23	07	330	34	28	1725
	Suffolk	Mildenhall	98	83	60	-	0	0	0	101	371	248	0	5.8	280	20	23	06	280	43	23	0520
	Bedford	Bedford	322	42	30	-	0	1	7	202	407	96	8	8.5	290	25	28	10	290	37	28	0805
		Cardington	226	133	133	-	0	3	25	282	322	87	4	10.2	290	24	27	23	300	43	28	1325
	Hertford	Garston	307	50	33	-	0	0	0	58	488	174	0	5.5	330	16	28	15	250	30	23	1310
		Rothamsted	461	41	33	-	0	0	0	17	391	312	0	4.3	310	13	28	13	310	33	28	1225
	Essex	Stansted	351	31	31	-	0	1	1	215	409	95	0	8.4	290	22	28	13	230	34	17	1500
		Coryton	66	57	48	-	0	1	3	208	408	98	3	8.4	300	24	28	11	270	43	23	0420
		Shoeburyness	118	106	91	-	0	9	41	382	258	35	4	12.3	220	28	23	15	330	44	28	1525
4	Yorks, W.R.	Sheffield	533	83	35	-																
	Warwick	Edgbaston	643	118	73	-	0	0	0	166	534	20	0	8.4	240	20	27	05	290	35	27	2200
		Elmdon	343	31	31	-	0	3	10	212	426	72	0	8.8	310	26	28	14	300	43	27	1630
	Buckingham	Amersham	500	50	50	-	0	0	0	60	498	162	0	6.0	230	16	27	15	230	34	27	1515
	Stafford	Keele	706	50	33	-	0	0	0	77	356	287	0	5.2	300	21	28	11	300	40	28	1045
	Worcester	Pershore	154	33	33	-	0	3	8	267	353	92	0	9.2	250	23	4	15	330	36	28	1410
5	Greater London	London W/Centre	306	229	125	-	0	0	0	343	340	37	0	10.2	300	21	28	14	290	36	28	1115
		Heathrow	115	33	33	-	0	0	0	234	387	99	0	8.9	080	20	9	14	260	33	27	1400
		Hampton	139	101	100	-	0	0	0	157	376	187	0	6.9	320	19	28	15	270	34	27	1440
		Kew	92	75	50	-	0	0	0	168	396	156	0	7.2	080	20	9	13	320	39	28	1420
	Surrey	Gatwick	232	38	33	-	0	1	1	126	354	239	0	6.3	230	22	23	15	270	31	27	1605
	Kent	Isle of Grain	48	40	33	-	0	0	0	68	233	419	0	4.0	220	19	23	16	290	33	28	1340
		Dover	68	38	62	-	0	3	17	305	285	68	45	10.6	230	25	27	12	230	43	27	0920
	Sussex	Thorney Island	75	65	42	-	0	2	10	281	272	157	0	8.9	250	25	27	09	250	38	27	1050
	Berkshire	Abingdon	295	40	40	-	0	0	0	167												

MEAN PRESSURE AT 9 G.M.T.

The dotted lines show the normal distribution of pressure in millibars based on 30 years observations 1931-60.

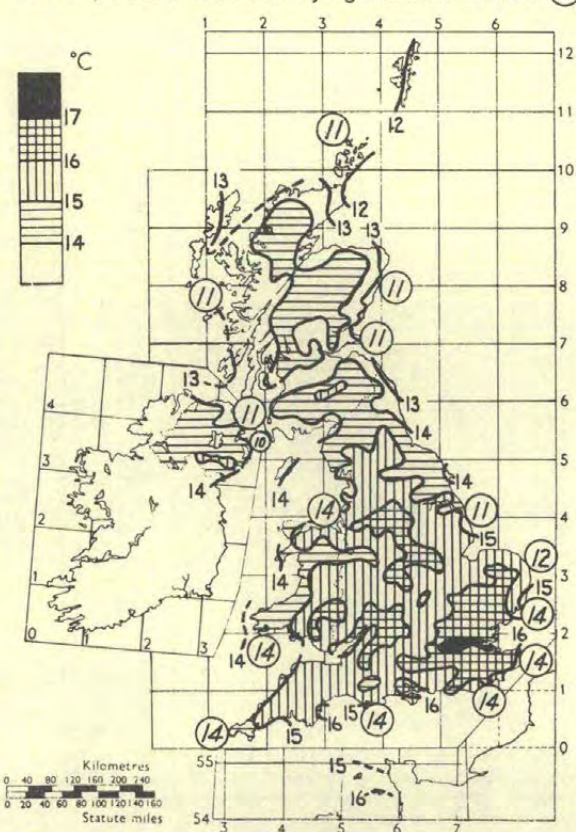


BRIGHT SUNSHINE

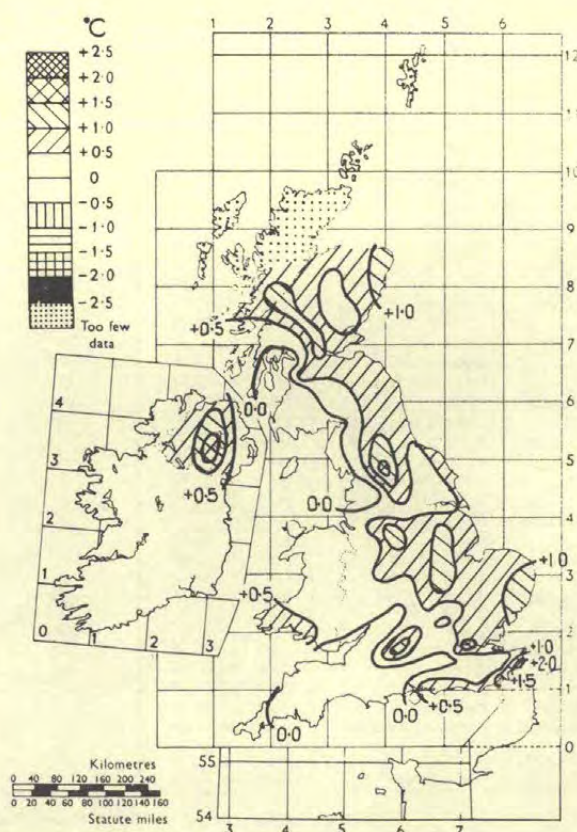


MEAN AIR TEMPERATURE

Reduced to sea level by a correction of 1°C. for 500 ft. Sea temperatures are shown by figures in circles thus (10)



ANOMALY OF MEAN 1 ft. EARTH TEMPERATURE



RAINFALL

JUNE 1966

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

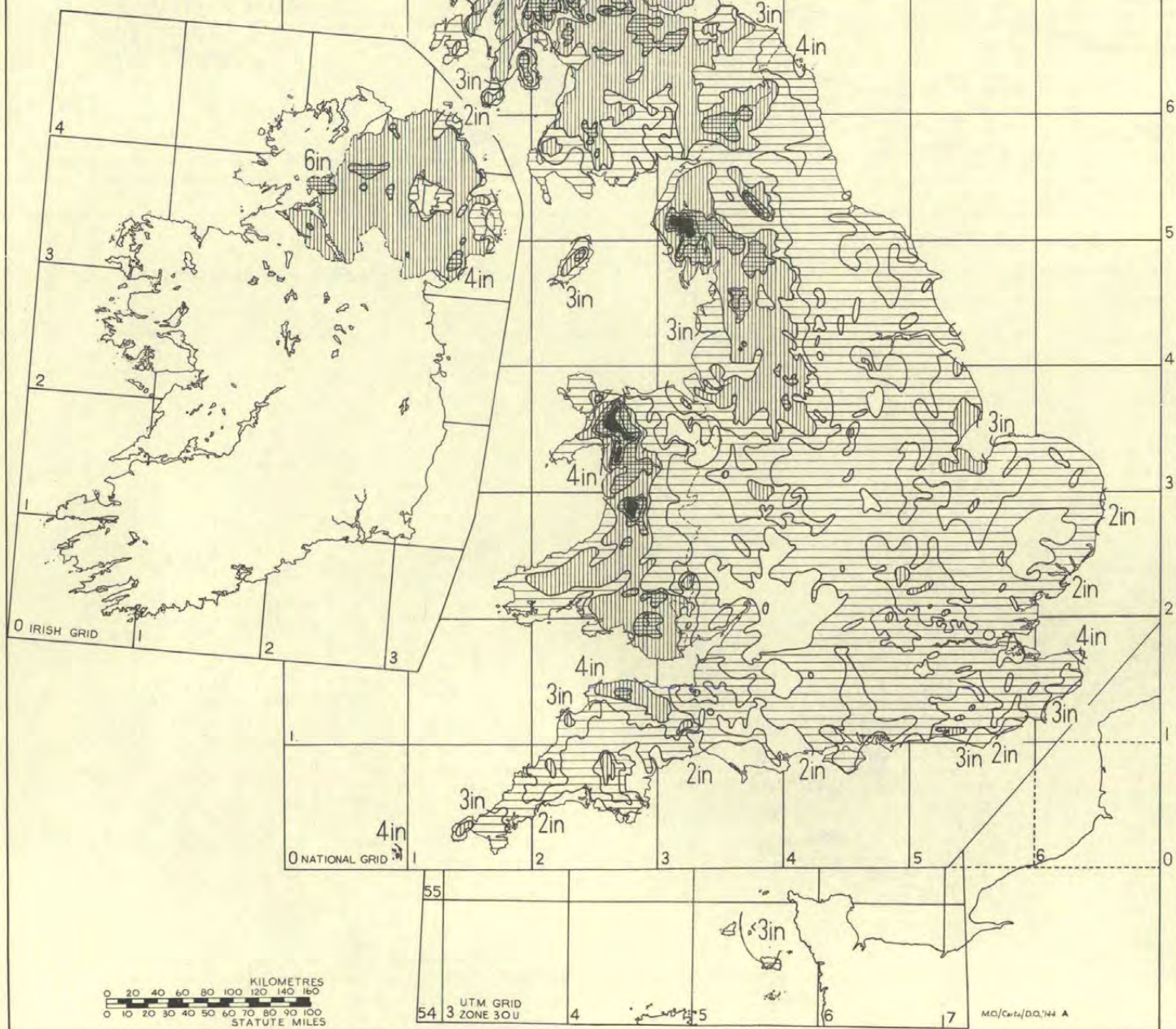
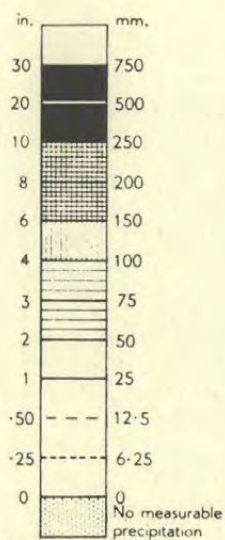


TABLE III

—SUMMARY OF DAILY OBSERVATIONS

JUNE.

1966

DISTRICT, COUNTY AND PLACE		Max. Min.	Terminal hr. 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		Mean Temperatures (Mean of A & B)	Difference from Average	HIGHEST MAXIMUM AND LOWEST MINIMUM				1 ft.	4 ft.	Total fall (inches)	Per cent of Average	Amount (inches)	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	Gale	Daily Mean (hr.)	Per cent of Average	Exposure
					A Max.	B Min.			Maximum	Date	Minimum	Date							-0.1in (0.2mm) or more	-0.4in (1.0mm) or more	-0.8in (2.0mm) or more	-1.2in (3.0mm) or more												
0 SCOTLAND, N.																																		
Zetland	Hamnavoe ...	99	70	14.4	9.8	12.1	-	19.4	12.13	6.1	7	-	-	2.26	-	.63	17	22	12	0	0	0	0	2	0	0	-	1	5.84	-	-			
	Lerwick ...	21-9	269	13.2	9.1	11.1	+1.1	18.0	13	6.0	7	-	-	2.91	129	.67	17	17	14	0	0	0	0	2	7	0	0	0	4.05	77	-			
Orkney	Baltasound ...	99	78	14.6	8.8	11.7	-	20.6	11	5.0	4, 7, 8	10.2	-	1.92	75	.40	20	16	8	0	0	0	0	2	0	0	0	0	5.26	-	-			
	Sule Skerry ...	99	48	-	9.8	-	-	-	-	7.7	6	-	-	3.43	-	.57	4	17	13	0	0	0	0	0	6	0	0	1	-	-	-			
	Stenness ...	99	75	15.7	9.7	12.7	-	19.4	12, 13, 17	6.7	7	11.9	-	2.83	137	.58	23	19	15	0	0	0	0	0	0	0	0	0	4.70	-	-			
	Evie ...	99	110	14.5	9.1	11.8	-	19.4	15	5.6	7, 12	-	-	2.40	-	.30	4	16	13	-	-	-	-	8	0	1	-	3.84	-	-				
Caithness	Kirkwall ...	21-9	84	14.8	9.3	12.1	-	19.0	17	6.0	7	-	-	2.56	125	.46	4	16	13	0	0	0	0	0	2	0	0	0	4.03	73	-			
	Downreay ...	99	73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Sutherland	Wick ...	21-9	119	14.1	9.5	11.8	+1.0	18.0	30	5.6	29	-	-	4.19	205	.81	14	16	15	0	0	0	0	1	1	5	0	0	3.16	52	-			
	Cape Wrath ...	21-9	367	13.9	9.7	11.8	+1.2	19.6	13	7.3	2	-	-	4.96	166	.82	23	21	18	0	0	0	0	3	6	0	0	0	5.24	-	-			
Ross & Cromarty	Achany ...	99	280	17.4	9.5	13.5	-	22.2	16	2.2	29	12.9	9.4	5.04	206	.77	23	26	16	0	0	0	0	5	0	0	1	0	3.78	-	-			
	Strathay ...	99	120	17.4	9.4	13.4	+1.8	22.2	11, 12	4.4	29	-	-	6.25	231	1.40	14	21	17	0	0	1	0	4	0	0	-	0	3.81	72	-			
	Stornoway ...	21-9	11	15.5	9.9	12.7	+1.1	19.9	12	4.1	29	-	-	3.63	142	.78	27	16	14	0	0	0	0	0	0	0	1	0	4.47	78	-			
	Balmacara ...	99	2	16.5	10.2	13.3	-	25.0	12	6.1	1	-	-	5.31	-	.87	3	20	20	0	0	0	0	0	0	0	-	0	-	-	-			
	Poolewe ...	99	20	17.2	11.2	14.2	-	24.4	12	6.7	29	-	-	5.90	154	1.31	27	16	15	-	-	-	-	0	0	0	-	0	3.47	-	S			
	Rudh Re ...	99	53	15.1	10.0	12.5	-	24.5	12	7.4	29	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0	0	-	-	-			
	Inverpoll ...	99	45	17.3	10.9	14.1	-	23.9	11	5.0	29	-	-	5.28	-	1.15	27	21	14	0	-	0	0	1	-	0	-	0	-	-	-			
	Achnashellach ...	99	220	17.0	9.7	13.3	+0.9	23.9	12	4.4	29	-	-	5.85	117	1.23	3	24	19	0	0	0	0	0	0	0	0	-	0	-	-			
	Kinlochewe ...	99	76	17.9	10.6	14.3	-	24.4	11	5.6	29	13.1	-	-	5.87	124	1.27	3	20	16	0	0	0	0	3	0	0	0	0	2.62	-	S		
	Fortrose ...	99	15	15.4	11.0	13.2	+0.7	18.3	12	8.3	29	-	-	6.39	357	1.72	23	23	16	0	0	0	0	0	0	1	0	-	0	2.87	50	-		
	Inverness	Tarbatness ...	21-9	60	14.9	11.4	13.1	-	19.0	18	8.0	4	-	-	5.43	339	1.72	23	22	16	0	0	0	0	1	2	0	-	0	-	-	-		
		Benbecula ...	21-9	19	15.9	10.2	13.1	+0.9	24.3	12	5.4	29	-	-	2.72	93	.79	3	17	9	0	0	0	0	0	0	0	0	1	1	4.91	-	-	
Isle of Rhum ...		99	15	16.8	10.1	13.5	-	25.0	12	4.4	29	14.8	11.2	5.07	80	1.07	3	17	12	0	0	0	0	0	0	0	0	1	-	-	-			
Prabost ...		99	220	16.4	10.1	13.3	-	23.9	12	6.7	6	-	-	5.34	130	1.08	3	22	16	0	0	0	0	0	0	0	0	0	3.91	-	-			
Duntulm ...		99	294	15.3	9.9	12.6	+1.1	23.3	12	6.7	29	-	-	4.94	147	.97	17	21	16	0	0	0	0	1	1	0	0	0	4.11	72	-			
Onich ...		99	48	16.7	10.1	13.4	+0.8	24.4	11	5.6	1	-	-	6.48	133	.89	23	24	20	0	0	0	0	1	5	0	0	0	2.81	58	S			
Fort William ...		99	37	17.3	10.2	13.7	-	25.6	11	5.0	29	14.3	12.3	4.76	-	.92	23	21	16	0	0	0	0	2	0	0	0	0	2.96	-	-			
Fort Augustus ...		99	70	17.1	10.4	13.7	+1.0	22.8	29	3.9	29	-	-	4.67	-	1.00	23	21	16	0	0	0	0	0	1	0	-	0	2.95	-	S			
Cannich ...	99	350	17.9	9.1	13.5	-	22.2	29	1.1	29	-	-	5.00	187	1.00	23	21	16	0	0	0	0	1	0	0	2	0	2.58	-	-				
Banff	Inverness ...	99	13	16.6	10.8	13.7	-	21.1	17	8.9	29	-	-	7.10	397	2.30	14	23	18	0	0	0	0	2	1	0	0	0	2.45	-	-			
	Coire Cas Shieling ...	99	2500	13.4	7.4	10.4	-	19.4	11	2.8	29	-	-	9.13	-	2.66	23	24	20	0	0	0	0	5	2	0	-	0	-	-	-			
	Cairngorm ...	99	3575	10.3	5.3	7.8	-	16.7	11	2.8	1, 3, 28	-	-	1.70	-	3.50	23	24	23	-	-	-	-	5	-	0	-	0	-	-	-			
	Achnagoichan ...	99	1000	17.0	8.4	12.7	-	23.3	12	3.9	23	11.0	-	5.36	-	1.14	23	21	16	0	-	2	0	6	-	0	0	0	-	-	-			
	Glenmore Lodge ...	99	1120	16.7	7.7	12.2	-	23.1	11	3.9	19, 23	-	-	7.22	282	2.63	23	22	16	-	0	-	-	-	0	0	3	-	3.05	-	S			
	1 SCOTLAND, E.																																	
	Nairn	Nairn ...	99	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	Moray	Forres ...	99	155	17.2	9.3	13.3	+0.5	22.8	12	5.0	29	14.3	10.8	6.08	301	2.30	23	22	19	0	0	0	0	5	1	0	0	0	2.86	48	-		
		Kinloss ...	21-9	15	17.6	10.3	13.9	-	22.6	12	6.4	29	13.1	-	6.10	308	2.35	23	22	17	0	0	0	0	5	1	0	0	0	3.09	-	-		
	Banff	Elgin ...	99	50	18.1	10.0	14.1	-	24.4	17	4.4	22	-	-	7.41	348	2.30	23	21	14	0	0	0	0	3	2	0	0	0	3.78	-	-		
		Lossiemouth ...	99	21	17.0	10.1	13.5	+1.0	21.1	17	6.7	22	-	-	6.94	349	1.57	23	20	14	0	0	0	0	3	1	0	0	0	-	-	-		
		Gordon Castle ...	99	104	18.1	10.5	14.3	+1.4	23.3	16	7.2	1	-	-	5.49	243	1.96	23	18	17	-	0	-	-	-	0	-	-	3.30	59	-			
Glenlivet ...		99	706	17.4	8.7	13.1	-	23.6	11	5.1	22	-	-	7.28	-	1.51	23	21	17	0	0	1	0	5	0	0	1	0	3.16	-	S			
Banff ...		99	80	16.8	10.7	13.7	-	22.2	16	8.9	11	-	-	4.14	-	1.73	23	17	13	0	0	0	0	1	2	0	-	0	3.94	-	-			
Aberdeen		Braemar ...	99	1113	16.4	8.6	12.5	+1.1	21.7	29	2.8	29	-	-	4.26	227	1.21	23	20	15	-	0	-	-	0	0	-	-	2.95	-	S			
		Balmoral ...	99	927	16.7	8.1	12.4	+0.9	21.7	16	3.3	19, 23	-	-	4.51	244	1.16	23	19	15	0	0	0	5	-	0	0	0	-	-	-	-		
Dinnet ...		99	580	17.4	9.4	13.4	-	22.2	16	5.0	19	12.8	-	5.20	-	1.17	23	19	13	-	0	-	-	-	0	0	0	-	3.09	-	-			
Huntly ...		99	405	17.5	9.9	13.7	-	22.9	16	7.0	11	-	-	4.14	164	1.36	23	17	16	0	0	0	0	2	0	0	0	0	-	-	-			
Fyvie Castle ...																																		

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

JUNE,

1966

DISTRICT, COUNTY AND PLACE			Max. Min.	Terminal hr. GMT of Observation	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days										BRIGHT SUNSHINE			
					MEANS OF				HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (inches)	Per cent of Average	Most in a Day (inches)	Date	Precip'n (0-2mm) or more (2-4mm) or more (4-6mm) 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)	Gale	Daily Mean (hr.)	Per cent of Average	Exposure		
					A Max.	B Min.	Mean Temperatures (Mean of A & B)	Difference from Average	Maximum	Date	Minimum	Date																				
1 SCOTLAND, E.—cont.			9 9	200	16.7	10.1	13.4	+0.2	20.0	29	6.1	29	13.7	-	4.36	218	.77	23	20	17	0	0	0	0	3	5	0	0	0	3.11	-	S
Midlothian —cont.			9 9	620	16.8	9.3	13.1	-	21.7	15	2.2	29	13.8	-	4.45	181	.67	23	19	16	0	0	0	0	0	4	0	0	0	3.38	-	-
Bush House			9 9	605	16.1	9.3	12.7	-	21.1	15	2.8	29	13.9	10.9	4.66	195	.71	23	19	16	0	0	0	0	3	5	0	1	0	3.55	-	-
Edinburgh—																																
.. Blackford Hill			9 9	441	16.8	10.4	13.6	+0.7	21.1	15	7.2	29	-	-	4.25	226	.68	23	20	14	0	0	0	0	2	5	0	0	1	3.42	55	-
.. Royal Bot. Gdns.			9 9	74	16.3	10.2	13.3	-0.1	19.4	29	5.0	29	14.4	-	4.36	229	.65	23	18	14	0	0	0	0	1	4	0	0	0	3.32	53	-
E. Lothian			9 9	162	17.2	10.1	13.7	-	21.7	15	3.3	29	-	-	3.63	203	.75	23	19	12	0	0	0	0	5	0	0	0	0	3.49	-	-
Haddington			9 9	75	15.8	10.3	13.1	+0.4	20.0	14	7.8	1	-	-	3.84	222	.92	23	17	13	0	0	0	0	2	2	0	0	0	3.69	55	-
Dunbar			9 9	225	18.6	9.5	14.1	-	22.2	16	2.2	29	-	-	3.08	-	.60	16	12	0	-	0	0	3	-	0	1	0	3.09	-	-	
Berwick			9 9	600	17.7	9.2	13.5	-	21.7	16	2.8	29	-	-	3.72	-	.56	20	16	0	0	0	0	4	0	0	0	0	3.71	-	-	
Lauder			9 9	498	17.2	-	-	-	21.7	16	-	-	-	-	3.73	185	.80	17	16	12	0	0	0	0	1	0	-	-	0	3.90	65	S
Marchmont			9 9	838	16.7	9.1	12.9	-	20.0	16	5.0	29	-	-	3.75	159	.64	17	19	14	0	0	1	0	5	-	0	-	-	-	-	
Whitchester			9 9	245	15.1	9.9	12.5	-	19.6	14	7.9	8	-	-	-	-	-	-	-	0	0	0	0	7	0	0	2	-	-	-	-	
St. Abb's Head			9 9	741	-	9.4	-	-	-	-	1.1	29	-	-	4.16	155	.81	23	20	15	0	0	0	0	1	0	0	0	0	-	-	-
Peebles			9 9	830	16.3	9.1	12.7	-	20.0	15	2.2	29	-	-	4.71	210	.77	23	21	15	0	0	1	0	6	3	0	1	0	3.24	-	-
West Linton			9 9	800	16.1	8.2	12.1	-	18.9	8.14	1.1	29	13.4	11.2	5.67	229	1.01	21	23	18	0	0	0	0	5	0	0	0	-	-	-	-
Gleintress			9 9	580	18.1	9.3	13.7	-	21.7	15	1.7	29	-	-	4.35	230	.78	15	18	16	0	0	0	0	1	0	0	-	0	-	-	-
Selkirk			9 9	600	18.1	9.5	13.8	-	21.1	15.29	2.8	29	-	-	3.33	154	.67	23	15	15	0	0	1	0	6	0	0	-	1	-	-	-
Roxburgh			9 9	560	17.9	9.1	13.5	-	21.1	10.15, 10	1.1	29	-	-	3.50	140	.58	22	20	16	0	0	0	0	2	0	0	-	0	-	-	-
Sourhope			9 9	900	16.9	9.2	13.1	-	22.2	16	5.0	1	-	-	3.96	-	.46	23	19	15	-	0	-	-	-	2	0	0	-	3.82	-	-
6a SCOTLAND, W.																																
Argyll			21-9	29	15.3	10.1	12.7	+0.5	19.6	11	6.2	29	-	-	2.45	87	.58	23	12	8	0	0	0	0	0	0	0	0	0	4.67	69	-
Tiree			21-9	65	15.4	10.2	12.8	-	20.0	11	7.3	6	-	-	3.45	106	.92	23	16	11	0	0	0	0	0	0	0	0	0	-	-	-
Rhuvaal			9 9	87	16.1	9.8	12.9	+0.4	22.2	11	5.6	29	-	-	3.84	116	1.25	23	21	11	0	-	0	0	0	3	0	-	0	-	-	-
Colonsay			9 9	10	17.0	10.5	13.7	-	22.8	11	7.2	29	-	-	4.30	-	.72	23	16	14	-	0	-	-	1	0	0	-	-	-	-	-
Craighouse			9 9	33	16.0	10.5	13.3	-	23.1	11	6.4	29	-	-	2.62	-	.72	9	16	8	0	0	0	0	2	0	0	0	3.78	-	-	-
Machrihanish			9 9	10	16.3	10.8	13.5	-	21.7	11	7.2	1	-	-	2.39	-	.75	9	11	8	0	0	0	0	0	10	0	-	0	3.54	-	-
Campbeltown			9 9	33	17.2	9.9	13.5	-	25.6	11	3.3	29	-	-	5.66	-	.84	4	24	21	0	-	0	0	0	-	0	1	0	-	-	-
Polloch			9 9	40	17.4	10.0	13.7	-	20.6	11.12, 13	3.9	1	-	-	5.42	158	.80	23	18	16	0	-	0	0	0	0	0	0	0	-	-	-
Achaglachgach			9 9	30	16.8	10.8	13.8	-	21.1	11	5.6	29	-	-	6.94	179	1.62	23	23	20	0	0	0	0	1	0	0	0	0	2.70	-	-
Lepinmore			9 9	80	16.7	10.3	13.5	-	21.1	29	3.9	29	-	-	8.43	-	1.40	22	24	19	0	0	0	0	2	0	0	0	-	-	-	-
Glenbranter			9 9	40	16.9	10.6	13.7	-	20.6	29	4.4	1	-	-	7.29	143	1.17	23	23	18	0	0	0	0	2	1	0	0	-	-	-	-
Benmore Y.B.G.*			9 9	60	15.0	10.7	13.3	-	(20.8)	29	7.4	1	-	-	3.61	-	.62	9	22	16	0	-	0	0	0	1	0	0	2	-	-	-
Bute			9 9	50	17.5	10.9	14.2	-	20.6	11	6.7	5	15.6	-	3.77	-	.98	23	15	13	0	0	0	0	0	0	0	0	-	-	-	-
Kildonan			9 9	140	16.2	10.1	13.1	+0.1	20.0	15	6.7	6	13.7	11.3	3.81	110	.95	23	22	14	0	0	0	0	2	0	0	0	0	3.97	64	-
Brodict Castle			9 9	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Rothsay			9 9	50	16.6	11.3	13.9	-	20.6	29	7.8	29	-	-	5.49	-	.93	23	24	20	0	0	0	0	4	-	0	-	1	-	-	-
Dunbarton			9 9	293	16.7	10.6	13.7	+0.5	21.1	29	6.1	29	-	-	5.25	155	1.47	22	22	14	0	0	0	0	0	0	0	0	-	2.36	41	S
Finnart			9 9	40	17.0	11.2	14.1	-	21.3	29	5.8	29	-	-	7.25	-	1.24	23	23	16	0	-	0	0	2	0	0	-	-	-	-	-
Helensburgh			9 9	310	17.0	10.0	13.5	-	21.7	20	4.4	29	-	-	5.34	-	1.16	23	21	17	0	0	1	0	4	0	0	1	-	-	-	-
Stirling			9 9	1100	15.0	8.2	11.6	-	19.7	29	4.7	29	-	-	5.92	-	1.03	22	19	16	-	-	-	-	9	0	0	-	2.77	-	S	-
Earl's Hill			9 9	151	17.6	10.9	14.3	+0.5	22.8	29	6.7	29	15.7	10.6	4.27	191	.74	23	22	17	0	0	0	0	0	0	0	0	3.37	-	-	-
Stirling			9 9	100	17.3	10.4	13.9	+0.2	22.2	29	5.6	29	-	-	5.94	264	.87	23	21	16	0	0	0	0	1	0	0	-	0	-	-	-
Renfrew			9 9	200	16.3	11.1	13.7	0.0	20.6	29	8.3	6.19	-	-	5.13	153	1.29	22	19	13	0	0	1	0	4	0	0	0	0	2.63	-	-
Greenock			9 9	106	17.3	11.2	14.3	+0.2	21.1	15.29	7.8	29	14.2	10.8	4.39	171	.86	22	19	14	0	0	0	0	6	1	0	0	2.73	-	46	-</

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

JUNE,

1966

DISTRICT, COUNTY AND PLACE		Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (feet)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)		WEATHER										BRIGHT SUNSHINE				
					MEANS OF		Mean Temperatures (Mean of A & B)	Difference from Average	HIGHEST MAXIMUM AND LOWEST MINIMUM								Number of Days														
					A Max.	B Min.			Maximum	Date	Minimum	Date	1 ft.	4 ft.	Total fall (inches)	Per cent of Average	Amount (inches)	Most in a Day (inches)	Precip'n (0.01 in 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	Gale	Daily Mean (hr.)	Per cent of Average	Exposure
2 ENGLAND, N.E.																															
Northumberland	Kielder Castle	9 9	660	17.4	8.6	13.0	-	21.1	16	0.6	29	14.1	-	5.70	191	.78	18	20	15	0	0	0	0	4	7	0	2	0	-	-	-
	Haydon Bridge	9 9	258	18.6	9.8	14.2	-	24.4	16	2.2	29	14.9	12.4	2.89	-	.65	17	17	13	0	0	0	0	1	0	0	0	0	-	-	-
Corbridge	Corbridge	9 9	160	18.6	9.9	14.3	-	23.3	16	2.8	29	-	-	2.95	-	.59	22	13	9	0	0	0	1	0	3	1	0	0	0	-	-
	Berwick-on-Tweed	9 9	76	15.2	10.1	12.7	+0.3	21.1	30	8.3	8, 20, 30	-	-	2.63	157	.83	22	16	10	0	0	0	0	2	5	0	-	1	4.21	67	-
Cockle Park	Cockle Park	9 9	326	17.1	9.8	13.5	+1.0	21.7	16	6.7	29	(13.6)	-	(2.93)	(164)	.54	22	(18)	(15)	0	0	0	0	3	-	0	0	0	3.89	64	-
	Acklington	21-9	138	16.7	9.5	13.1	-	21.6	16	5.9	30	-	-	2.53	151	.65	17	14	12	0	0	0	0	2	3	0	0	0	4.35	-	S
Tynemouth	Tynemouth	21-9	95	15.6	10.8	13.2	+0.3	21.0	30	8.4	8, 29	-	-	2.54	145	.66	22	14	12	0	0	0	0	4	3	0	0	0	4.15	68	-
	Seahouses	21-9	37	15.4	9.1	12.3	-	20.6	27	3.6	8	-	-	2.32	-	.59	17	15	9	0	0	0	0	1	6	0	0	0	4.11	-	-
Durham	Chopwellwood	9 9	446	17.8	9.9	13.9	+0.8	22.2	16	5.6	29	-	-	3.87	190	1.37	21	18	13	0	0	0	0	1	2	0	1	0	-	-	-
	Ushaw College	9 9	594	17.9	9.6	13.7	+0.6	21.7	16	5.6	19	-	-	2.72	144	.43	17	18	11	0	0	0	0	6	4	0	-	1	-	-	-
Houghall	Houghall	9 9	123	18.7	9.8	14.3	+1.0	22.8	16	4.4	1, 30	-	-	2.73	142	.94	17	19	10	0	0	0	0	2	0	0	0	0	4.13	69	-
	Durham	9 9	336	18.5	10.0	14.3	+1.1	22.2	16	5.0	30	14.8	11.7	2.45	136	.78	17	18	8	-	0	-	-	-	-	0	0	-	3.74	62	-
Gateshead	Gateshead	9 9	509	-	-	-	-	-	-	-	-	-	-	2.46	115	(.83)	17	(14)	(11)	-	-	-	-	-	-	-	-	-	4.60	-	-
	West Hartlepool	9 9	30	17.4	11.0	14.2	-	21.1	1, 3	7.8	1, 6	-	-	2.63	147	.58	22	13	9	0	0	0	0	2	1	0	-	1	3.56	-	-
Yorks., N. Riding	Thirsk	9 9	111	19.0	10.3	14.7	-	22.2	1, 10	5.0	6	-	-	3.02	-	1.03	17	13	9	0	0	0	0	3	0	0	0	0	-	-	-
	Leeming	9 9	105	18.6	10.7	14.7	-	22.4	1	6.0	6	-	-	2.19	-	.63	22	17	11	0	0	0	0	5	3	0	0	0	4.48	-	-
York (Heslington)	York (Heslington)	9 9	66	19.5	10.7	15.1	-	23.3	1	5.0	1	16.4	-	2.32	-	.60	17	13	10	-	0	-	-	-	0	0	-	-	4.55	-	-
	Ampleforth	9 9	313	18.4	10.3	14.3	+0.7	21.7	1	3.9	1	-	-	(3.12)	(146)	.72	17	14	13	0	-	0	0	0	0	0	-	0	-	-	S
Redcar	Redcar	9 9	25	17.8	10.7	14.3	-	23.3	15	7.2	3, 30	-	-	2.44	139	.71	22	19	10	-	-	-	-	0	0	-	-	-	4.02	-	-
	Pickering	9 9	143	19.4	9.7	14.5	-	23.1	1	2.7	1	-	-	3.23	-	.86	22	15	12	0	0	0	0	4	0	0	0	0	-	-	-
Whitby	Whitby	9 9	135	18.2	10.7	14.5	-	22.2	3, 4	5.6	30	-	-	2.86	157	.66	23	13	10	0	0	0	0	3	0	-	0	0	3.59	59	-
	Scarborough	9 9	118	17.4	10.7	14.1	+0.1	22.8	3	6.7	1	15.1	12.2	2.58	152	.75	22	14	10	0	0	0	0	1	3	0	0	0	4.44	69	-
Silpho Moor	Silpho Moor	9 9	665	17.8	9.3	13.5	-	21.7	3	6.1	30	12.6	-	3.29	144	.82	22	20	14	0	0	1	0	1	5	0	0	0	4.40	-	-
	Whitby C'Guard	21-9	200	16.7	10.5	13.6	-	22.4	3	5.5	30	-	-	2.62	-	.62	22	17	9	0	0	0	0	2	5	0	0	0	-	-	-
High Mowthorpe	High Mowthorpe	9 9	574	17.8	9.8	13.8	-	21.1	3	6.1	1, 30	14.5	-	3.51	149	1.02	22	18	9	0	0	1	0	1	2	0	0	0	4.61	-	-
	Hull	9 9	8	20.0	11.4	15.7	+1.0	25.0	3	7.2	1, 30	15.1	10.6	2.67	155	.91	22	11	6	0	0	0	0	1	0	0	0	0	4.98	79	-
Leconfield	Leconfield	21-9	24	19.2	10.4	14.8	-	23.0	3	3.9	1	-	-	2.83	-	.87	22	14	8	0	0	0	0	3	0	0	1	0	4.75	-	-
	Filey	9 9	122	16.9	10.2	13.5	-	21.7	3	5.6	30	-	-	2.31	130	.94	22	15	8	0	0	0	0	1	2	0	0	0	3.87	-	-
Bridlington	Bridlington	9 9	157	17.1	9.9	13.5	-	22.2	3	5.0	1	-	-	2.85	163	1.20	22	14	9	0	0	0	0	1	1	0	0	2	4.88	-	-
	Kilnsea	21-9	40	17.3	10.5	13.9	-	23.8	3	5.5	1	-	-	2.65	-	1.19	22	15	11	0	0	0	0	2	0	-	1	-	-	-	-
Waddington	Waddington	21-9	224	20.0	10.8	15.4	+1.1	25.3	15	4.8	1	-	-	2.57	-	1.10	22	14	10	0	0	0	0	4	0	0	0	0	6.56	-	-
	Lincoln	9 9	22	20.2	10.4	15.3	-	25.0	15	3.3	29	15.7	12.7	2.95	176	1.40	22	14	10	0	0	0	0	1	0	0	0	1	5.87	-	-
Cranwell	Cranwell	9 9	205	20.1	10.5	15.3	+1.0	25.4	15	4.0	1	16.2	13.2	2.59	163	1.06	22	13	12	0	0	1	0	3	0	0	1	0	6.17	93	-
	Brigg	9 9	10	19.9	10.0	14.9	-	25.0	1	3.3	30	-	-	2.37	-	.98	22	11	9	0	0	0	0	4	1	0	0	1	-	-	-
Caistor	Caistor	9 9	100	19.7	9.7	14.7	-	23.9	1, 3	3.9	3, 30	-	-	2.50	-	.99	22	13	9	-	-	-	-	-	0	-	-	-	-	-	-
	Binbrook	21-9	353	18.8	10.6	14.7	-	24.2	3	5.3	1	-	-	2.67	-	1.10	22	15	7	0	0	0	0	4	1	0	0	0	-	-	-
Cleethorpes	Cleethorpes	9 9	23	19.0	11.4	15.2	+1.0	25.6	3	3.9	1	-	-	3.43	213	1.91	22	14	8	0	0	0	0	1	1	0	0	1	5.23	77	-
	Manby	21-9	55	19.5	10.0	14.7	-	24.3	3	2.7	1	-	-	3.67	237	1.98	22	13	9	0	0	0	0	3	1	0	1	0	5.26	-	-
Skegness	Skegness	9 9	15	18.7	11.4	15.1	+1.1	24.4	4	3.9	1	-	-	4.02	264	1.66	22	16	12	-	0	-	-	-	8	0	-	-	6.02	89	-
3 ENGLAND, E.																															
Norfolk	Terrington St. Cl.	9 9	13	20.4	10.2	15.3	-	25.6	9	1.1	1	15.7	-	4.32	286	2.11	22	14	12	0	0	0	0	2	0	0	1	0	4.96	-	-
	Marham	21-9	76	21.1	10.5	15.8	-	27.3	11	3.4	30	-	-	3.29	-	1.03	17	13	9	0	0	0	0	6	0	0	1	0	-	-	-
Santon Downham	Santon Downham	9 9	80	21.7	8.9	15.3	-	28.3	11	0.0	30	14.5	11.7	2.56	141	.69	17	13	12	-	-	-	-	-	1	5	-	6.45	-	-	
	West Raynham	21-9	250	20.2	10.2	15.2	+1.1	26.8	11	2.8	1	-	-	3.00	152	.59	17	14	11	0	0	0	0	4	0	0	1	0	6.31	-	-
Cromer	Cromer	9 9	178																												

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

JUNE,

1966

DISTRICT, COUNTY AND PLACE		Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (feet)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)				WEATHER (Number of Days)										BRIGHT SUNSHINE				
					MEANS OF		Mean Temperatures (Mean of A & B)	Difference from Average #	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (inches)	Per cent of Average #	Amount (inches)	Most in a DAY	Precip'n (0.01 in or more)	Snow or Sleet	Snow lying at 9 hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9 hr.	Air Frost	Grass min. below 0°C	Gale	Daily Mean (hr.)	Per cent of Average #	Exposure		
					A Max.	B Min.			Maximum	Date	Minimum	Date	1 ft.	4 ft.																			
4 MIDLAND COUNTIES																																	
Yorks., Slaidburn ...		99	629	17.6	10.2	13.9	-	21.1	9.10.15	5.0	29	-	-	5.44	-	1.25	26	19	15	0	0	0	0	0	0	0	0	0	0	4.59	-	-	
W. Riding Malham Tarn ...		99	1297	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Huddersfield \$		99	325	19.7	11.4	15.5	+1.4	22.8	3.9	7.2	1	14.7	-	2.38	-	.65	22	15	9	-	0	0	0	0	0	0	0	0	0	4.69	83	-	
Onkes		21-9	762	18.9	10.3	14.6	+1.0	22.5	9	7.0	29	14.6	10.8	3.68	164	.68	22	19	13	0	0	0	0	0	0	0	0	0	0	4.23	71	-	
Bradford #€		99	439	18.6	11.0	14.8	+1.0	21.7	3.16	7.8	6.29	14.4	11.0	3.69	184	.72	21	18	11	0	0	0	0	0	0	0	0	0	0	-	-	\$	
Ilkley ...		99	315	19.2	10.9	15.1	+1.2	22.2	3.9.16	7.2	29	-	-	3.12	138	.53	22	16	13	0	0	0	0	0	0	0	0	0	0	4.70	80	-	
Sheffield ...		99	429	19.4	11.6	15.3	+0.8	23.9	3	8.3	29	14.9	11.6	2.41	129	.77	22	12	10	0	0	0	0	0	0	0	0	0	0	4.76	79	-	
Wakefield ...		99	121	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Pontefract ...		99	255	18.9	11.0	14.9	+0.9	22.8	3	6.1	1	-	-	2.47	152	.67	22	16	11	0	0	0	0	0	0	0	0	0	0	-	-	-	
Bramham ...		99	177	19.4	9.9	14.7	-	23.3	3	5.0	1	-	-	2.95	132	.73	20	15	10	0	0	0	0	0	0	0	0	0	0	4.82	-	-	
Cawood ...		99	20	19.7	10.1	14.9	-	23.3	1	5.6	1	15.4	12.6	1.79	98	.53	22	13	7	0	0	0	0	0	0	0	0	0	0	5.22	-	-	
Askham Bryan ...		99	110	19.3	10.2	14.7	-	22.2	1.10	5.6	1	-	-	2.43	127	.62	17	14	11	0	0	0	0	0	0	0	0	0	0	4.42	73	-	
Derby Buxton ... €		99	1007	16.9	10.4	13.7	+1.1	21.7	3	6.7	1	14.8	11.8	4.96	156	.98	22	17	13	0	0	0	0	0	0	0	0	0	0	-	-	-	
Chapel en le Frith		99	732	-	-	-	-	-	-	-	-	-	-	4.89	-	1.07	26	17	13	-	-	-	-	-	-	-	-	-	-	-	-		
Derby ...		99	159	20.1	11.7	15.9	-	25.0	3	6.1	3	-	-	2.68	-	.54	22	16	13	0	0	0	0	0	0	0	0	0	0	5.67	-	-	
Morley ...		99	350	19.2	11.1	15.1	-	23.9	3	7.2	1.3	-	-	2.86	118	.56	22	15	13	0	0	0	0	0	0	0	0	0	0	4.95	-	-	
Chesterfield ...		99	298	19.8	10.2	15.0	-	23.9	3	3.9	3	-	-	3.63	-	.77	22	20	15	0	0	0	0	0	0	0	0	0	0	-	-	-	
Nottingham Sutton Bonington		99	157	19.9	10.3	15.1	+0.7	24.4	3	3.3	1	15.2	12.8	2.29	158	.58	22	14	14	0	0	0	0	0	0	0	0	0	0	5.59	92	-	
Watnall ...		21-9	385	20.0	10.6	15.3	+1.0	24.3	9	6.6	1	-	-	4.14	241	1.19	20	18	13	0	0	0	0	0	0	0	0	0	0	5.17	84	-	
Nottingham T.C.*		99	159	21.4	11.7	16.5	-	24.4	3.4.15	6.1	1.20	-	-	2.60	-	.61	22	19	11	-	-	-	-	-	-	-	-	-	-	-	-	-	
Mansfield ...		99	362	18.6	11.7	15.1	+0.8	24.4	3	7.8	3	16.1	-	-	.55	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Nottingham #		99	192	20.1	11.5	15.8	+0.9	25.0	15	6.7	1	15.4	12.8	2.36	161	.57	22	16	12	0	0	0	0	0	0	0	0	0	0	5.27	92	-	
Warsop ...		99	150	20.1	9.7	14.9	-	23.9	1.3	2.2	1	-	-	2.62	175	.60	22	18	12	0	0	0	0	0	0	0	0	0	0	5.83	-	-	
Finningley ...		21-9	34	20.3	11.1	15.7	+1.0	25.4	3	5.6	1	-	-	4.33	-	.95	15	16	13	0	0	0	0	0	0	0	0	0	0	5.19	-	-	
Leicester Newtown Linford		99	392	19.9	9.5	14.7	-	24.4	9	3.9	1	-	-	2.69	-	.55	22	16	14	0	0	0	0	0	0	0	0	0	0	4.82	-	-	
Caldecott ...		99	175	21.1	9.2	15.1	-	26.1	15	1.1	1	-	-	2.09	-	1.01	22	14	19	-	-	-	-	-	-	-	-	-	0	5.75	-	-	
Northampton Bugbrooke Mills		99	228	19.8	9.1	14.5	-	25.6	9	0.6	1	14.9	11.7	3.23	-	.96	10	14	12	0	0	0	0	0	0	0	0	0	0	5.73	-	-	
Raunds ... €		99	193	21.1	9.9	15.5	-	26.7	15	1.1	1	16.4	11.7	2.65	177	1.34	22	14	10	0	0	0	0	0	0	0	0	0	0	5.56	-	-	
Wittering ...		21-9	212	20.5	10.3	15.4	+0.9	25.6	9	2.2	1	-	-	2.70	-	1.40	22	14	9	0	0	0	0	0	0	0	0	0	0	6.32	-	-	
Warwick Birmingham K.E.S.**		99	450	19.6	11.3	15.5	-	25.0	9	7.2	19	-	-	3.68	-	1.48	10	15	13	0	0	0	0	0	0	0	0	0	0	-	-	-	
Edgbaston #		21-9	536	18.9	11.5	15.2	+0.6	24.9	9	8.0	19	12.2	10.7	3.37	177	1.19	10	17	15	0	0	0	0	0	0	0	0	0	0	4.88	81	-	
Luddington ...		99	138	20.2	10.6	15.4	-	26.7	9	3.3	1	-	-	2.84	180	.63	22	17	14	0	0	0	0	0	0	0	0	0	0	6.04	-	-	
Stratford on Avon		99	160	20.9	10.1	15.5	-	26.1	9	2.8	1	17.1	-	2.74	133	.60	22	17	14	0	0	0	0	0	0	0	0	0	0	5.65	-	-	
Elmdon ...		21-9	319	19.8	10.8	15.3	+1.2	25.9	9	4.0	1	-	-	2.72	164	.82	10	19	13	0	0	0	0	0	0	0	0	0	0	5.31	-	-	
Shipston on Stour		99	365	20.0	10.7	15.3	-	26.1	9	5.6	1	14.7	-	2.01	-	.72	10	19	8	0	0	0	0	0	0	0	0	0	0	5.97	-	-	
Wellesbourne ...		99	153	20.3	10.4	15.3	-	26.1	9	3.3	1	15.7	13.3	2.16	131	.55	22	18	12	0	0	0	0	0	0	0	0	0	0	5.50	-	-	
Moreton Morrell		99	280	20.4	10.7	15.5	-	26.7	9	4.4	1	-	-	2.30	-	.57	22	16	14	0	0	0	0	0	0	0	0	0	0	5.75	-	-	
Coventry ...		99	350	20.0	11.1	15.5	-	26.1	9	6.1	1	15.0	12.3	3.64	-	1.07	10	16	14	0	0	0	0	0	0	0	0	0	0	-	-	-	
Rugby ...		99	385	20.8	11.3	16.1	+0.8	26.7	9	4.4	1	16.3	13.4	2.41	-	.69	22	18	13	0	0	0	0	0	0	0	0	0	0	0	-	-	
Oxford Oxford #€		99	208	20.8	11.3	16.1	+0.8	26.7	9	4.4	1	16.7	13.7	2.23	132	.76	22	15	10	0	0	0	0	0	0	0	0	0	0	6.63	100	-	
Buckingham Medmenham		99	98	21.0	8.7	14.9	-	26.1	9	0.0	1	-	-	2.83	-	1.38	22	13	9	-	-	-	-	-	-	-	-	0	3	-	-	-	
Grendon Underwood		99	220	20.6	9.4	15.0	-	26.7	9	0.6	1	16.3	12.9	2.46	-	.97	22	11	9	0	0	0	0	0	0	0	0	0	0	1	5.99	-	-
Aylesbury ...		99	316	21.1	10.6	15.9	-	26.1	9	1.7	1	-	-	2.74	170	1.25	22	11	11	0	0	0	0	0	0	0	0	0	0	1	6.20	-	-
Bletchley ...		99	281	21.1																													

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

JUNE,

1966

DISTRICT, COUNTY AND PLACE		Terminal hr. GMT of Observation	Height of Station above MSL (feet)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)		WEATHER										BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
				MEANS OF		Mean Temperatures (Mean of A & B)	Difference from Average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (inches)	Per cent of 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	Gale	Daily Mean (hr.)	Per cent of Average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

JUNE.

1966

DISTRICT, COUNTY AND PLACE		Terminal hr. GMT of Observation	Height of Station above MSL (feet)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)			WEATHER Number of Days												BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
				MEANS OF		Mean Temperature (Mean of A & B)	Difference from Average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (inches)	Per cent of Average	Most in a Day	Precip'n (0.01 in (0.25 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	Gale	Daily Mean (hr.)	Per cent of Average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

JUNE,

1966

DISTRICT, COUNTY AND PLACE		Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (feet)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)			WEATHER Number of Days										BRIGHT SUNSHINE						
					MEANS OF		Mean Temperatures (Mean of A & B)	Difference from Average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (inches)	Per cent of Average	Amount (inches)	Precip'n Date	-0.1in (0.2mm) or more	-0.1in (1.0mm) 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	Gale	Daily Mean (hr.)	Per cent of Average	Exposure		
A Max.	B Min.	Maximum	Date	Minimum	Date	1 ft.	4 ft.																											
8b ENGLAND, S.W. - cont.																																		
Devon	Hartland Point ...	21-9	298	16.2	12.0	14.1	-	20.2	11	9.9	22	-	-	2.49	129	.37	17	17	16	0	0	0	0	0	0	0	0	0	0	2	7.21	96	-	
	Mount Batten ...	21-9	87	17.9	12.2	15.1	+0.6	25.5	10	6.9	1	-	-	1.69	84	.30	17	15	11	0	0	0	0	0	0	0	0	0	0	0	6.99	95	-	
	Plymouth, The Hoe ...	9 9	119	18.3	12.1	15.2	+0.2	26.1	10	7.2	1	16.1	13.9	-	1.76	88	.45	10	15	14	0	0	0	0	0	0	0	0	0	0	6.71	91	-	
	Tavistock ...	9 9	457	18.3	10.7	14.7	+0.4	22.8	1,10,30	5.0	1	-	-	2.49	-	.46	23	18	13	0	0	0	0	0	0	0	0	1	0	-	-	-	-	
	Chivenor ...	21-9	20	18.6	11.7	15.1	0.0	23.5	10	7.0	3	-	-	3.12	170	.63	17	16	15	0	0	0	0	0	0	0	0	0	0	6.33	-	-	-	
	Ilfracombe ...	9 9	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Princetown ...	9 9	1359	-	-	-	-	-	-	-	-	-	-	-	5.18	114	.73	23	19	16	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Totnes ...	9 9	120	19.4	10.4	14.9	-	22.8	3,30	4.4	1	17.1	13.1	-	2.11	93	.41	8	18	13	0	0	0	0	0	0	0	0	0	0	6.86	-	-	-
	Slapton ...	9 9	104	18.5	11.6	15.1	-	24.4	10	5.0	1	-	-	-	1.93	-	.37	8	13	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Newton Abbot ...	9 9	272	19.4	10.8	15.1	+0.4	23.3	10	5.0	1	-	-	-	1.68	88	.45	8	12	9	0	0	0	0	0	0	0	0	0	0	6.91	101	-	-
	Paignton ...	9 9	8	19.7	11.8	15.7	-	23.9	10	6.1	1	-	-	-	1.98	101	.47	8	16	13	0	0	0	0	0	0	0	0	0	0	7.81	105	-	-
	Torquay ...	9 9	26	19.3	12.4	15.9	+0.9	23.8	10	7.2	1	-	15.1	-	1.66	94	.54	8	13	11	0	0	0	0	0	0	0	0	0	0	7.76	101	-	-
	Teignmouth ...	9 9	20	19.2	12.6	15.9	+0.7	22.2	10,29	6.7	1	-	-	-	1.75	105	.47	9	14	9	0	0	2	0	0	0	0	0	0	0	7.42	99	-	-
	Starcross ...	9 9	29	19.3	11.4	15.3	-	23.3	10	5.6	1	16.3	-	-	1.75	99	.47	8	11	9	-	-	-	-	-	-	-	-	-	-	6.52	-	-	-
	Exmouth ...	9 9	195	18.7	11.9	15.3	+0.9	25.0	10	6.1	1	-	-	-	1.46	81	.58	8	14	9	0	0	0	0	0	0	0	0	0	0	6.77	94	-	-
Exeter ...	21-9	106	19.8	11.1	15.5	-	24.1	10	4.6	1	-	-	-	1.93	113	.59	8	12	10	0	0	0	0	0	0	0	0	0	0	5.85	-	-	-	
Cornwall	Scilly ...	21-9	158	16.7	12.3	14.5	+0.2	19.4	30	10.0	1,3	-	-	4.57	263	1.55	8	18	15	0	0	0	0	0	0	0	0	0	0	6.28	83	-	-	
	Penzance ...	9 9	62	18.0	11.7	14.9	0.0	21.7	10	7.2	1	-	-	3.74	191	.85	8	16	13	0	0	0	0	0	0	0	0	0	0	5.92	81	-	-	
	Gulval ...	9 9	50	17.4	12.2	14.8	+0.1	21.1	30	8.3	1	-	-	3.62	195	.89	10	17	12	0	0	0	0	0	0	0	0	0	0	6.63	88	-	-	
	Culdrose ...	9 9	268	17.3	11.1	14.2	-	23.9	10	7.2	1	-	-	3.14	184	.97	8	15	13	0	0	0	0	0	0	0	0	0	0	7.09	-	-	-	
	Rosewarne ...	9 9	250	17.3	11.3	14.3	-	20.6	3	7.2	1	15.4	13.7	-	3.13	171	1.00	8	20	15	0	0	0	0	0	0	0	0	0	6.53	-	-	-	
	Lizard ...	9 9	240	17.1	11.7	14.4	+0.3	23.9	10	8.6	1	-	-	3.11	188	.87	8	16	12	0	0	0	0	0	0	0	0	0	0	7.06	-	-	-	
	Falmouth ...	9 9	167	17.8	11.4	14.6	-0.1	24.4	10	7.8	1	-	-	2.69	136	.62	8	14	14	0	0	0	0	0	0	0	0	0	0	6.23	83	-	-	
	Newquay ...	9 9	176	17.6	11.7	14.7	+0.5	22.2	11	7.2	3	-	-	2.46	138	.53	10	16	11	0	-	0	0	0	0	0	0	0	0	6.75	92	-	-	
	St. Mawgan ...	21-9	337	17.5	11.5	14.5	-	23.1	10	9.0	1,3	-	-	2.22	112	.39	19	16	13	0	0	0	0	0	0	0	0	0	0	6.38	-	-	-	
	St. Austell ...	9 9	310	18.2	10.7	14.5	-	23.3	10	7.2	1	-	-	2.31	100	.32	19	18	13	0	0	0	0	0	0	0	0	0	0	-	-	-	-	
	Fowey ...	9 9	130	18.2	11.3	14.7	0.0	22.8	10	5.6	1	-	-	1.83	-	.31	19	16	10	0	0	0	0	0	0	0	0	0	0	-	-	-	-	
	Bude ...	9 9	50	18.2	11.6	14.9	+0.7	24.4	10	5.0	3	14.4	-	-	3.25	182	1.22	17	18	16	-	-	-	-	-	-	-	-	-	6.06	84	-	-	
	Ellbridge ...	9 9	190	18.8	10.7	14.7	+0.2	26.7	10	5.0	1	-	-	-	1.82	83	.45	21	17	11	0	0	0	0	0	0	0	0	0	0	6.38	89	-	-
	9 NORTHERN IRELAND																																	
	Londonderry	Loughmore Forest ...	9 9	570	17.2	9.5	13.3	-	22.2	11	2.2	6	-	-	4.88	-	1.10	23	19	17	0	0	0	0	0	0	0	0	0	0	-	-	-	-
Ballykelly ...		21-9	6	17.7	11.2	14.5	+0.9	21.0	13,16	6.8	29	15.5	11.9	-	4.55	191	1.54	23	18	13	0	0	0	0	0	0	0	0	0	0	3.59	63	-	-
Derrynoyd Forest ...		9 9	290	17.8	10.4	14.1	-	22.8	11	4.4	6	-	-	4.18	-	.88	9	23	18	0	0	0	0	0	0	0	0	0	0	-	-	-	-	
Somerset Forest ...		9 9	140	17.6	10.2	13.9	-	22.2	11	4.4	6	-	-	4.95	-	.98	9	19	17	0	0	0	0	0	0	0	0	0	0	-	-	-	-	
Garvagh Forest ...		9 9	296	17.5	9.9	13.7	-	22.8	11	3.9	6	-	-	4.86	-	1.21	23	21	16	0	0	0	0	0	0	0	0	0	0	-	-	-	-	
Moneydig ...		21-9	112	17.8	10.0	13.9	+0.3	23.1	11	3.7	6	15.1	-	-	4.48	163	1.03	23	21	15	0	0	0	0	0	0	0	0	0	2	0	-	-	
Antrim																																		
Portrush ...		9 9	30	-	-	-	-	-	-	-	-	-	-	-	5.45	234	1.07	22	19	15	-	-	-	-	-	-	-	-	-	3.77	-	-	-	
Ballymoney ...		9 9	180	17.6	10.6	14.1	-	22.0	11	5.6	6	-	-	4.80	-	1.42	20	20	16	0	-	0	0	0	0	0	0	0	0	-	-	-	-	
Lisnafillan ...		9 9	124	17.4	9.9	13.7	-	20.5	29	3.3	1,3	-	-	4.56	-	1.35	9	21	19	0	0	0	0	0	0	0	0	0	0	0	4.34	-	-	-
Aldergrove ...		21-9	225	17.5	10.7	14.1	+0.8	21.1	11	6.2	6	14.6	10.7	-	4.73	190	1.56	9	18	17	0	0	0	0	0	0	0	0	0	0	3.64	61	-	-
Greenmount ...		9 9	105	17.8	10.7	14.3	-	21.1	11	4.4	1	15.2	-	-	4.30	-	1.60	9	19	16	0	0	0	0	0	0	0	0	0	-	-	-	-	
Altnahinch ...		9 9	742	15.8	9.7	12.7	-	19.4	11	5.0	6	-	-	4.68	-	1.07	9	20	18	0	0	0	0	0	0	0	0	0	0	0	3.05	-	-	-
Parkmore Forest ...		9 9	770	15.2	9.3	12.3	-	17.8	3,11	4.4	6	12.2	-	-	5.07	-	1.39	9	22	16	0	0	0	0	0	0	0	0	0	0	1	-	-	-
Black Mountain ...		21-9	969	15.3	9.4	12.3	-	19.3	29	7.0	1	-	-	4.33	-	1.51	9	18	14	0	-	0	0	0	0	0	0	0	0	-	-	-	-	
Lowtown ...	9 9	890	15.6	9																														

TABLE IV

—SUMMARY OF OBSERVATIONS AT FIXED HOURS

JUNE,

1966

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (ft.)		Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Yards and Miles)							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	0-44 yds.	45-210 yds.	250-450 yds.	440-1,000 yds.	1,000-2,100 yds.	2,200-4,300 yds.	3-6 mi.	7-12 mi.	13-24 mi.	25 or over mi.	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	
																										SPEED IN KNOTS													
																										0 or more	1-3	4-7	8-10	11-15									
Number of Observations																																							
0 SCOTLAND, N.																																							
Zetland Lerwick 273 ft.	09	1012.3	-	9.7	0.3	11.7	97	7.1	1	0	2	7	16	4	1	3	0	3	5	2	7	2	2	5	0	4	8	15	3	2	1	4	5	9	2	2	2		
	15	1012.7	-0.5	11.4	0.7	12.3	92	6.7	2	0	4	7	12	5	0	3	0	5	2	2	11	3	3	5	2	0	2	12	15	1	1	1	3	5	5	8	4	1	
	21	1013.0	-	12.1	1.0	12.5	89	6.5	0	3	3	10	11	3	0	1	2	2	2	2	11	3	3	5	2	0	2	10	18	1	1	1	3	5	5	8	4	1	
Orkney Kirkwall 86 ft.	09	1012.9	-	10.2	0.3	11.9	96	6.9	1	1	1	13	8	6	1	3	3	1	1	1	10	2	2	3	0	0	2	10	18	1	1	1	3	5	5	8	4	1	
	15	1012.6	-1.3	12.1	0.8	12.8	90	6.5	0	2	5	11	10	2	0	0	0	1	1	1	12	2	2	3	0	0	2	10	18	1	1	1	3	5	5	8	4	1	
	21	1012.2	-	13.3	1.4	12.9	84	6.7	1	0	3	14	12	0	0	0	0	0	0	0	12	3	5	5	0	0	2	18	12	1	3	1	5	7	8	1	3	1	
Caithness Wick 121 ft.	09	1012.2	-	10.9	0.5	12.2	93	6.7	0	3	3	7	16	1	0	0	0	1	0	0	12	3	5	5	0	0	1	11	15	0	2	2	9	3	2	2	2		
	15	1011.4	-	10.3	0.3	12.0	96	7.3	0	0	2	9	13	6	0	3	2	1	8	2	5	5	2	2	0	0	8	21	1	3	1	5	10	4	1	2	3		
	21	1011.9	-1.8	11.8	0.8	12.6	91	6.8	0	3	3	7	12	5	0	3	1	1	3	1	7	5	2	7	0	0	10	20	0	2	2	6	8	4	2	4	2		
Sutherland Cape Wrath* 371 ft.	09	1011.9	-	12.6	1.1	12.7	87	7.1	0	1	0	15	14	0	0	0	0	0	1	2	3	10	4	6	0	0	14	16	0	2	2	6	13	2	0	3	2		
	15	1012.1	-	11.0	0.5	12.3	93	6.7	0	3	4	6	16	1	0	0	1	1	5	4	9	1	3	6	0	1	7	22	0	3	1	7	10	4	3	1	1		
	21	1010.4	-	11.2	0.6	12.3	93	7.0	0	2	4	3	14	7	0	4	1	2	0	3	1	6	8	5	0	3	7	17	3	1	1	3	7	3	9	1	2		
Ross & Cromarty Stornoway 16 ft.	09	1011.1	-	11.9	0.8	12.5	90	6.5	1	1	7	6	9	6	0	5	1	0	0	2	1	4	9	8	0	1	9	14	6	1	1	5	6	1	7	3	0		
	15	1011.3	-	12.5	1.1	12.6	88	6.7	0	3	1	14	8	4	0	4	0	0	0	0	1	1	5	10	9	0	12	15	3	3	0	6	5	1	11	0	1		
	21	1011.3	-	11.7	0.8	12.4	90	7.0	0	1	3	7	14	5	0	3	1	2	1	1	4	5	6	7	0	0	9	20	1	2	0	9	3	2	10	1	2		
Inverness Benbecula 21 ft.	09	1011.6	-2.0	13.3	1.2	13.3	87	6.4	1	2	4	15	8	0	0	0	0	0	0	2	4	5	13	6	0	1	10	17	2	2	4	0	7	11	2	2	0		
	15	1011.8	-	14.2	1.6	13.3	82	6.4	1	2	3	11	13	0	0	0	0	0	0	2	3	5	7	13	0	1	12	17	0	2	7	0	7	8	4	1	1		
	21	1011.9	-	12.3	0.7	13.2	92	6.3	0	4	3	11	12	0	0	0	0	0	0	2	5	13	5	5	0	0	7	22	1	3	8	1	2	5	5	1	4		
I SCOTLAND, E.	09	1011.2	-	11.0	0.4	12.5	91	6.6	0	6	5	10	9	0	0	0	0	1	1	1	5	6	11	5	0	0	8	16	6	2	1	2	8	3	5	1	4		
	15	1011.3	-2.3	13.5	1.2	13.4	87	6.7	1	1	2	15	11	0	0	0	0	0	1	3	4	7	10	5	0	0	15	14	0	1	2	0	12	5	3	2	0		
	21	1011.8	-	14.5	1.6	13.7	83	6.4	0	2	6	11	10	1	0	0	0	1	0	1	4	9	7	8	0	0	15	15	0	0	2	3	4	6	5	5	5		
Moray Kinloss 19 ft.	09	1011.3	-	11.1	0.7	12.2	92	6.5	0	1	6	12	9	2	0	0	2	1	1	3	6	5	5	7	0	0	5	22	3	0	1	2	2	1	9	11	1		
	15	1011.6	-2.1	14.2	1.6	13.4	83	7.0	0	0	4	15	11	0	0	0	0	1	1	1	4	7	6	10	0	0	6	22	0	6	3	4	2	1	2	5	7		
	21	1011.3	-	15.9	2.4	13.6	76	7.2	0	0	1	18	11	0	0	0	0	0	0	2	6	8	5	9	0	0	14	16	0	7	3	4	2	7	2	0			
Aberdeen Dyce 193 ft.	09	1011.8	-	13.1	1.0	13.3	88	7.2	0	1	0	13	16	0	0	1	0	1	2	10	3	4	9	0	0	2	4	22	2	4	5	3	0	7	4	2	0		
	15	1011.6	-	10.7	0.6	11.9	92	7.1	0	1	2	11	10	6	0	4	1	2	1	3	10	2	4	3	0	0	6	15	9	0	0	3	5	3	1	4	0		
	21	1012.0	-2.4	13.1	1.3	12.8	85	7.1	0	0	3	11	13	3	0	0	1	3	5	3	5	4	3	6	0	0	7	20	3	1	1	2	8	6	4	2	3		
Rattray Head* 108 ft.	09	1011.6	-	14.7	1.8	13.4	80	6.9	0	1	2	18	9	0	0	0	0	0	2	6	7	7	5	3	0	1	9	18	2	1	1	9	8	4	1	2	2		
	15	1012.1	-	12.1	0.9	12.7	90	6.6	0	2	5	9	12	2	0	0	2	1	2	6	9	4	4	2	0	0	3	23	4	1	0	1	7	7	4	2	4		
	21	1012.3	-	10.3	0.5	11.8	94	7.1	0	1	2	12	8	7	0	6	1	0	1	2	10	10	0	0	0	0	4	24	2	3	0	4	6	10	1	4	0		
Angus Usan 114 ft.	09	1012.3	-1.9	11.9	1.0	12.3	89	6.5	0	0	6	11	7	6	0	2	1	3	2	1	5	13	3	0	0	1	16	10	3	3	1	6	5	6	2	4	0		
	15	1012.3	-	12.6	1.1	12.6	86	6.2	0	1	7	14	4	3	0	0	1	3	0	2	7	14	3	0	0	1	13	15	1	2	0	2	6	5	0	3	1		
	21	1012.5	-	11.0	0.6	12.1	93	6.3	0	0	9	11	7	3	0	2	0	2	1	1	9	14	1	0	0	1	8	20	1	3	0	3	11	8	1	2	1		
Fife Leuchars 38 ft.	09	1011.6	-	10.6	0.6	11.9	94	6.8	0	2	3	8	11	6	1	5	0	1	1	0	7	1	2	12	0	0	2	26	2	2	5	4	0	4	5	3	5		
	15	1012.1	-	12.1	0.9	12.7	90	7.0	0	2	1	10	10	7	0	8	0	2	0	0	4	2	2	12	0	0	5	20	5	2	6	3	0	5	5	4	0		
	21	1012.1	-	13.4	1.3	13.2	86	6.7	0	0	5	14	10	1	0	1	2	0	2	1	9	1	4	10	0	0	9	21	0	1	9	5	2	5	3	5	0		
Midlothian Turnhouse 144 ft.	09	1011.7	-	11.9	0.2	12.6	90	6.6	1	7	5	12	5	0	2	2	2	1	2	2	5	4	10	0	0	3	25	2	3	8	3	1	1	5	6	1	0		
	15	1011.7	-	10.5	0.6	11.9	93	6.8	0	1	4	9	9	7	0	4	2	1	3	3	5	5	4	0	0	4	20	6	1	6	3	0	1	9	4	0			
	21	1012.0	-2.5	13.1	1.3	12.9	85	6.9	0	1	4	10	12	3	0	4	0	2	2	2	5	3	7	5	0	0	13	16	1	0	5	7	2	0	9	4	2		
Dumfriesshire Turnhouse 144 ft.	09	1011.6	-	14.8	2.0	13.2	79	6.7	0	1	3	15	10	1	0	0	0	2	3	7	6	6	6	0	0	3	14	13	0	1	4	12	1	1	5	6	0		
	15	1012.0	-	12.3	1.0	12.6	88	6.9	0	1	3	14	7	5	0	1	1	4	1	3	5	3	7	5	0	1	11	18	0	1	9	6	0	2	8	4	0		
	21	1012.5	-	10.6	0.6	11.9	93	6.9	0	1	3	11	11	4	0	0	0	6	1	3	4	6	4	2	0	0	3	19	8	0	5	4	0	0	8	5	0		
6a SCOTLAND, W.	09	1012.6	-2.1	13.7	1.7	12.8	82	6.8	0	1	2</																												

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

JUNE,

1966

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (ft.)		Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Yards and Miles)							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	0-44 yds.	45-210 yds.	220-430 yds.	440-1,090 yds.	1,100-2,190 yds.	2,200-4,390 yds.	3-6 mi.	7-12 mi.	13-24 mi.	25 or over mi.	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	22/23	11-21	1-10	0									
Number of Observations																																							
2 ENGLAND, N.E.																																							
Northumberland Acklington	151 ft.	3	1012.5	-	10.5	0.6	11.8	93	6.0	0	3	7	8	9	3	0	3	2	3	3	4	3	4	8	0	0	0	3	21	6	4	1	1	0	1	5	10	2	
		9	1012.8	-2.1	14.2	1.8	13.1	81	7.0	0	0	3	18	8	1	0	1	0	2	2	3	4	6	7	5	0	0	0	9	21	0	0	3	4	2	2	7	7	2
		15	1012.4	-	14.7	1.9	13.3	80	6.5	0	2	5	13	10	0	0	0	0	1	1	2	4	4	6	8	5	0	1	13	16	0	1	7	3	8	0	5	5	1
Tynemouth	130 ft.	3	1013.0	-	12.3	0.9	12.8	89	6.4	0	4	3	8	11	4	0	4	0	1	2	5	4	4	9	1	0	1	3	23	3	2	3	2	3	3	6	6	2	
		9	1012.9	-	11.5	0.9	12.1	89	6.4	1	1	4	10	9	5	1	4	0	0	3	9	7	6	0	0	0	0	8	18	4	3	1	1	1	4	6	10	0	
		15	1013.3	-2.0	13.4	1.6	12.6	83	6.7	0	0	7	11	9	3	0	2	1	0	2	5	10	8	2	0	0	0	14	11	5	4	0	2	3	2	2	3	9	2
Seahouses	41 ft.	3	1013.2	-	13.2	1.6	12.4	82	6.6	0	2	5	7	12	4	1	3	0	1	9	3	12	1	0	0	0	1	5	18	6	3	2	0	5	3	4	6	1	
		9	1012.4	-	10.7	1.0	11.4	89	6.5	0	2	4	9	9	6	0	4	3	3	0	4	5	8	3	0	0	0	6	17	7	3	0	1	4	1	2	9	3	
		15	1012.8	-	13.3	1.7	12.5	81	6.9	0	0	4	13	9	4	0	3	1	2	1	4	7	6	2	0	0	0	4	24	2	4	0	3	3	4	3	10	1	
Yorks, N. Riding Leeming	109 ft.	3	1012.7	-	12.1	1.2	12.1	85	6.6	0	2	4	10	9	5	0	3	1	1	3	2	6	6	8	0	0	0	5	20	5	4	0	0	4	5	4	5	3	
		9	1013.2	-	11.5	0.8	12.3	90	5.9	0	4	7	9	8	2	0	3	1	2	4	5	4	5	3	3	0	0	5	16	9	3	1	0	1	8	3	3	2	
		15	1013.3	-	14.9	2.1	13.0	77	6.7	0	0	6	15	9	0	0	0	1	2	3	2	4	4	8	6	0	0	11	15	4	5	1	0	1	6	4	5	4	
Whitby Coastguard	210 ft.	3	1012.8	-	17.4	3.4	13.3	67	6.4	1	1	3	18	7	0	0	0	0	1	3	5	5	9	7	0	2	11	16	1	2	5	1	3	5	3	9	1		
		9	1013.6	-	14.2	1.6	13.4	82	6.9	0	3	3	14	10	0	0	0	1	2	1	0	7	4	5	0	1	4	20	5	7	0	1	1	7	1	6	2		
		15	1013.6	-	14.2	1.6	13.4	82	6.9	0	3	3	14	10	0	0	0	1	2	1	0	7	4	5	0	1	4	20	5	7	0	1	1	7	1	6	2		
Yorks, E. Riding Leconfield	28 ft.	3	1013.4	-	13.8	1.7	12.9	82	6.2	0	1	8	10	8	3	1	3	0	1	1	5	15	3	0	0	1	11	18	0	2	1	2	4	5	3	5	8		
		9	1013.2	-	14.9	2.2	13.0	77	6.6	0	1	4	13	10	2	0	2	0	1	1	7	10	9	0	0	2	14	11	3	1	1	4	9	1	3	5	3		
		15	1014.0	-	13.2	1.5	12.6	83	6.7	0	2	4	10	12	2	1	1	0	1	1	9	13	3	0	1	1	6	17	5	0	0	2	4	8	2	7	2		
Kilnsea	51 ft.	3	1013.5	-	11.2	0.5	12.6	94	5.2	2	8	2	7	9	2	0	1	2	4	1	6	9	4	1	2	0	0	3	19	8	2	2	1	0	4	6	5	2	
		9	1013.7	-1.8	15.5	1.9	14.2	81	6.5	0	1	4	20	5	0	0	0	0	2	1	13	5	6	3	0	0	0	16	14	0	1	4	1	3	5	6	8	2	
		15	1013.4	-	17.7	3.0	14.4	72	6.6	0	0	7	14	9	0	0	0	0	0	1	9	9	7	4	0	0	0	18	10	2	2	3	3	4	6	4	6	0	
Lincoln Waddington	227 ft.	3	1014.0	-	13.9	1.1	14.0	88	5.4	0	7	4	13	6	0	0	1	1	0	4	13	3	6	2	0	0	6	18	6	1	3	3	3	5	3	6	0		
		9	1013.6	-	12.0	0.7	13.0	92	5.5	0	5	8	12	3	2	0	1	1	0	1	8	19	0	0	0	1	10	17	2	1	1	2	0	7	9	6	2		
		15	1014.1	-1.9	13.8	1.3	13.5	86	6.3	0	0	8	14	8	0	0	0	0	0	1	2	12	15	0	0	0	2	13	13	2	3	3	2	2	3	7	7	1	
Binbrook	356 ft.	3	1013.8	-	15.5	2.0	14.0	81	6.0	0	1	10	13	6	0	0	1	0	0	1	8	20	0	0	0	1	2	9	15	3	1	4	3	3	7	3	6	0	
		9	1014.1	-	13.3	1.0	13.5	89	5.8	1	1	11	10	6	1	0	0	1	0	0	3	10	16	0	0	0	4	16	8	2	2	2	5	5	1	8	0		
		15	1013.9	-	11.7	0.7	13.0	91	5.4	0	7	4	12	6	1	0	0	1	1	3	4	14	3	3	1	0	0	6	23	1	3	0	2	3	4	12	3	2	
Manby	47 ft.	3	1014.1	-2.2	15.5	2.2	13.7	78	5.9	0	2	9	11	8	0	0	0	0	0	1	3	8	9	0	0	0	13	16	1	2	3	1	3	2	10	4	4		
		9	1013.6	-	18.6	3.8	13.9	66	6.3	0	2	4	18	6	0	0	0	0	0	0	5	12	11	2	0	0	18	12	0	3	2	3	3	7	6	3			
		15	1014.3	-	14.3	1.6	13.9	83	5.6	1	4	4	18	3	0	0	0	0	0	3	12	11	4	0	0	0	5	23	2	1	3	2	3	8	4	6	1		
Suffolk Mildenhall	39 ft.	3	1013.7	-	11.3	0.8	12.2	90	5.7	4	2	2	14	6	2	0	2	0	1	4	17	5	1	0	0	0	7	19	4	1	3	0	1	8	7	5	1		
		9	1013.9	-	14.7	2.0	13.2	79	6.6	0	0	5	16	8	1	0	1	0	0	2	9	14	3	1	0	0	14	16	0	2	3	2	1	5	10	5	2		
		15	1013.5	-	17.6	3.4	13.6	68	6.5	0	2	3	21	4	0	0	0	0	0	6	14	8	2	0	0	0	14	16	0	1	2	6	0	6	8	5	2		
Huntingdon Wytton	141 ft.	3	1014.1	-	13.7	1.6	13.0	83	5.9	0	4	5	16	4	1	0	1	0	2	0	3	9	10	4	1	0	2	4	22	2	1	3	3	2	6	7	6	0	
		9	1013.7	-	11.1	0.5	12.5	94	5.9	0	5	3	14	8	0	0	0	0	1	3	6	10	7	2	1	0	4	19	7	3	0	1	2	3	6	7	1		
		15	1014.0	-2.0	15.6	1.9	14.2	80	6.5	0	0	8	14	7	1	0	0	0	1	3	6	10	7	2	1	0	4	22	2	1	3	3	2	6	7	6	0		
Norfolk Marham	79 ft.	3	1013.7	-	18.1	3.0	14.8	71	6.3	0	2	4	19	5	0	0	0	0	0	0	6	15	7	2	0	0	11	19	0	2	3	0	5	1	8	9	2		
		9	1014.3	-	13.5	1.1	13.7	88	5.4	0	7	3	14	5	1	0	1	0	0	1	0	3	9	4	2	0	0	5	21	4	0	3	0	3	6	8	5	1	
		15	1014.3	-	13.5	1.1	13.7	88	5.4	0	7	3	14	5	1	0	1	0	0	1	0	3	9	4	2	0	0	5	21	4	0	3	0	3	6	8	5	1	
3 ENGLAND, E.																																							
Norfolk Marham	79 ft.	3	1014.2	-	11.6	0.7	12.6	91	5.4	1	5	6	11	6	1	0	0	0	2	3	5	11	7	2	0	0	0	1	25	4	1	2	2	2	6	6	5	2	
		9	1014.6	-1.8	16.6	2.5	14.3	75	6.1	0	1	8	16	5	0	0	0																						

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

JUNE, 1966

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (ft.)		Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Yards and Miles)							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	0-44 yds.	45-210 yds.	220-430 yds.	440-1,090 yds.	1,100-2,100 yds.	2,200-4,300 yds.	3-9 mi.	7-12 mi.	13-24 mi.	25 or over mi.	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.W.	W.	N.W.		
																										SPEED IN KNOTS													
																										8 or more	7	6	5	4									
																										24 or more	23	22	21	20									
Number of Observations																																							
4 MIDLAND COUNTIES —cont.																																							
Finningley	46 ft.	3	1013.6	-	11.8	0.7	12.7	91	5.2	1	7	6	4	11	1	0	1	0	1	2	12	7	5	2	0	0	0	6	19	5	5	0	0	0	3	4	7	4	2
		9	1013.9	-2.0	16.2	2.4	13.9	76	6.3	0	0	9	12	9	0	0	0	0	0	0	0	5	11	10	4	0	0	1	7	19	3	4	0	1	1	6	7	4	4
		15	1013.4	-	18.9	4.0	13.8	64	6.1	1	2	5	12	10	0	0	0	0	0	0	1	4	19	6	0	0	0	14	15	1	2	4	2	1	4	7	8	1	
		21	1014.0	-	15.1	1.8	13.9	81	5.2	2	3	7	14	4	0	0	0	0	0	1	1	2	14	10	1	1	0	2	3	21	4	3	2	3	1	3	8	6	0
		3	1014.2	-	11.3	0.7	12.4	91	4.9	2	6	6	10	6	0	0	0	2	1	2	8	8	7	2	0	0	0	6	23	1	3	1	1	1	2	3	8	8	3
Northampton Wittering	219 ft.	9	1014.6	-1.9	15.8	2.3	13.7	77	6.1	0	2	5	16	7	0	0	0	0	3	1	0	6	13	7	0	0	1	10	17	2	4	2	1	2	2	10	5	2	
		15	1013.9	-	19.1	3.9	14.3	65	6.3	0	2	3	20	5	0	0	0	0	0	0	0	4	17	7	2	0	0	12	17	1	2	1	1	1	4	10	8	2	
		21	1014.6	-	14.3	1.5	13.6	84	4.8	2	6	6	12	4	0	0	0	0	0	0	3	7	13	6	1	0	0	7	22	1	1	4	1	2	3	9	5	4	
		3	1014.5	-2.2	14.7	2.0	13.1	79	6.4	0	2	3	16	9	0	0	0	0	1	2	1	6	12	6	2	0	0	3	27	0	2	1	4	3	6	7	5	2	
		9	1013.9	-	17.7	3.4	13.6	68	5.6	0	4	8	12	6	0	0	0	0	1	1	4	9	5	10	0	0	10	20	0	3	0	2	2	6	9	6	2		
Warwick Edgbaston	542 ft.	15	1014.5	-	15.4	2.4	13.1	75	4.9	1	5	8	13	3	0	0	0	0	0	1	6	15	6	2	0	0	6	24	0	3	1	2	4	7	4	8	1		
		21	1014.3	-	11.9	1.2	12.1	86	6.0	0	4	3	16	7	0	0	0	1	1	5	10	11	2	0	0	0	5	20	5	1	3	1	1	6	8	3	2		
		3	1014.5	-	15.3	2.3	13.1	76	6.7	0	1	3	18	8	0	0	0	0	2	3	11	12	2	0	0	0	13	16	1	0	5	1	2	8	6	5	2		
		9	1013.9	-	18.7	4.4	13.1	63	6.1	0	2	7	16	5	0	0	0	0	0	2	5	15	8	0	0	2	11	17	0	1	1	2	4	5	8	4	5		
		15	1014.5	-	15.1	2.3	13.0	76	5.4	0	6	5	17	2	0	0	0	0	1	2	10	14	3	0	0	1	6	20	3	2	2	1	3	8	5	2	4		
Shropshire Shawbury	249 ft.	3	1013.9	-	11.5	0.5	12.8	94	5.7	1	4	4	15	6	0	0	0	0	1	1	5	4	10	7	2	0	0	3	18	9	2	0	1	2	5	6	3	2	
		9	1014.0	-	15.4	2.1	13.7	78	6.6	0	0	6	19	5	0	0	0	0	0	3	2	11	11	3	0	1	10	18	1	1	2	3	4	4	7	5	3		
		15	1013.6	-	17.6	3.0	14.3	72	6.4	0	0	7	14	9	0	0	0	0	0	2	6	5	12	5	0	1	13	16	0	4	0	4	3	4	9	2			
		21	1014.2	-	14.5	1.5	13.9	84	5.9	0	4	4	19	3	0	0	0	0	0	1	4	10	10	5	0	0	2	25	3	4	1	1	2	4	8	4	3		
		3	1014.4	-	12.2	0.9	12.9	90	5.8	1	3	7	15	4	0	0	0	0	0	0	1	10	11	5	3	0	0	5	17	8	1	2	3	1	2	8	4	1	
Worcester Persore	117 ft.	9	1014.6	-	15.9	2.1	14.0	78	6.6	0	2	3	16	9	0	0	0	0	0	1	7	12	6	4	0	0	14	15	1	2	3	2	3	1	11	6	1		
		15	1014.0	-	19.2	3.9	14.4	65	6.0	0	1	8	18	3	0	0	0	0	0	1	3	5	10	11	0	1	19	10	0	3	2	1	1	5	8	7	3		
		21	1014.7	-	15.5	2.1	13.8	78	5.2	0	7	5	14	4	0	0	0	0	0	2	1	10	12	5	0	0	11	17	2	3	1	2	2	4	12	3	1		
		3	1014.4	-2.4	15.9	2.2	13.9	77	6.4	0	4	2	13	11	0	0	0	0	0	1	9	6	13	1	0	0	5	24	1	2	2	3	3	2	10	6	1		
		15	1013.8	-	18.9	3.8	14.3	66	5.9	0	2	6	18	4	0	0	0	0	0	0	5	3	20	2	0	0	4	26	0	1	3	1	3	2	11	6	3		
Gloucester Filton	197 ft.	3	1014.6	-	15.4	2.0	13.9	79	5.1	0	6	9	11	4	0	0	0	0	0	0	7	5	15	3	0	0	3	25	2	1	2	2	3	6	11	2	1		
		9	1014.7	-	12.5	0.7	13.3	91	4.8	4	4	8	7	7	0	0	0	0	1	2	9	15	3	0	0	1	21	7	1	4	1	2	7	4	4	0			
		15	1014.9	-2.1	15.6	1.8	14.3	81	6.1	1	3	2	17	7	0	0	0	0	0	0	8	11	10	1	0	1	10	18	1	3	1	2	4	3	5	10	1		
		21	1014.5	-	18.4	3.1	14.9	70	5.7	0	4	8	15	3	0	0	0	0	0	0	2	7	15	6	0	0	14	16	0	1	1	0	3	7	7	10	1		
		3	1014.9	-	15.3	1.8	14.1	81	5.0	1	4	10	10	5	0	0	0	0	0	1	3	18	6	2	0	1	6	22	1	2	1	2	3	8	10	2	1		
Gloucester	79 ft.	9	1014.7	-	12.8	0.9	13.3	89	5.3	3	3	6	12	6	0	0	0	0	1	1	13	9	4	2	0	0	2	23	5	3	2	1	3	7	7	1	1		
		15	1015.0	-	16.4	2.3	14.2	76	6.5	0	2	4	14	10	0	0	0	0	0	2	6	10	7	5	0	0	11	17	2	3	2	1	1	4	11	2	4		
		21	1014.5	-	19.9	4.1	14.8	64	6.3	0	1	5	21	3	0	0	0	0	0	1	3	9	9	8	0	0	11	19	0	4	1	1	1	5	14	3	1		
		3	1015.1	-	16.3	2.2	14.3	77	5.6	0	4	6	15	5	0	0	0	0	0	1	5	10	10	4	0	0	4	24	2	1	4	0	2	10	9	1	1		
		9	1014.6	-	11.3	0.6	12.5	93	5.3	0	8	5	10	2	0	1	1	4	5	9	6	2	1	0	0	0	7	21	2	1	2	4	0	4	9	6	2		
Little Rissington	751 ft.	15	1014.7	-2.1	14.6	1.9	13.2	80	6.4	0	3	2	15	10	0	0	0	0	0	4	7	5	12	2	0	1	8	21	0	1	4	2	2	2	7	7	5		
		21	1014.1	-	17.8	3.6	13.5	67	6.2	0	2	5	17	6	0	0	0	0	0	0	5	7	9	9	0	1	15	13	1	3	2	1	0	5	8	7	3		
		3	1014.9	-	14.2	1.8	13.0	80	5.0	0	7	6	13	4	0	0	0	0	0	0	3	4	12	8	3	0	0	7	22	1	3	3	2	0	5	9	5	2	
5 ENGLAND, S.E.																																							
Greater London Heathrow	86 ft.	3	1014.7	-	13.0	1.1	13.2	88	4.7	0	9	8	8	5	0	0	0	0	0	0	5	11	7	7	0	0	0	3	21	6	1	3	2	0	7	6	4	1	
		9	1015.0	-	16.6	2.8	13.6	72	5.9	0	4	6	12	8	0	0	0	0	0	0	4	11	5	7	3	0	0	9	20	1	2	2	2	4	3	11	2	3	
		15	1014.3	-	20.6	5.4	13.1	55	5.3	0	5	9	13	3	0	0	0	0	0	0	0	4	9	10	7	0	0	20	10	0	1	1	3	0	4	7	11	3	
		21	1014.9	-	17.2	3.1	13.7	70	4.7	0	8	7	13	2	0	0	0	0	0	0	0	9	11	8	2	0	0	6	23	1	2	0	6	1	7	10	2	1	
		3	1015.2	-1.8	17.1	2.9	13.8	71	5.8	1	3	3	16	7	0	0	0	0	0	0	4	8	3	11	4	0	0	6	21	3	1	1	4	1	4	8	4	4	
Kew	34 ft.	9	1014.4	-																																			

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

JUNE.

1966

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (ft.)	Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Yards and Miles)							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	0-44 yds.	45-210 yds.	220-430 yds.	440-1,000 yds.	1,000-2,100 yds.	2,200-4,300 yds.	5-6 mi.	7-12 mi.	13-24 mi.	25 or over mi.	BEAUFORT FORCE						N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.		
																									SPEED IN KNOTS															
																									8 or more	9-10	11-12	13-14	15-16	17-18										
																									21/23	24/25	26/27	28/29	30/31	32/33										
Number of Observations																																								
7a ENGLAND, N.W.																																								
Cumberland Carlisle 92 ft.	3	1012.9	-	11.5	0.7	12.6	92	6.1	0	3	5	13	9	0	0	0	0	0	0	4	13	9	2	2	0	0	7	14	9	0	3	4	2	1	5	6	0			
	9	1013.1	-	15.0	1.9	13.6	80	6.6	0	1	5	16	8	0	0	0	0	0	0	0	11	11	5	3	0	0	12	13	5	1	1	5	2	4	7	3	2			
	15	1012.7	-	17.1	2.8	14.1	72	6.6	0	0	5	17	8	0	0	0	0	0	0	0	2	7	10	5	5	0	0	15	13	2	0	1	4	1	0	10	10	2		
Westmorland Great Dun Fell	21	1013.3	-	13.5	1.1	13.6	87	6.3	0	2	2	18	8	0	0	0	0	0	0	6	6	3	6	2	2	0	16	8	0	1	5	1	1	5	8	1				
	3	-	-	7.3	0.3	9.9	97	6.8	3	1	2	1	22	6	16	0	0	0	0	0	3	0	5	0	0	0	5	16	8	1	0	2	2	2	5	11	7	0		
	9	-	-	8.7	0.4	10.7	95	7.2	0	1	3	6	3	17	1	16	0	0	0	2	2	3	5	1	1	6	14	8	1	0	2	4	1	4	11	7	0			
Lancashire Squires Gate 35 ft.	15	-	-	10.5	1.0	11.2	88	6.6	1	1	5	7	8	8	0	0	0	0	1	0	3	8	10	0	1	8	12	8	1	0	0	5	1	4	13	5	1			
	21	-	-	8.3	0.1	10.8	97	7.4	1	0	1	4	4	20	6	14	0	0	0	1	0	2	3	3	1	0	6	13	9	2	0	1	3	3	9	7	2			
	3	1013.1	-	12.0	0.6	13.1	93	5.8	0	5	4	14	7	0	0	0	0	0	1	6	10	9	3	1	0	3	11	13	3	0	1	8	4	2	5	2	5			
Speke 85 ft.	9	1013.5	-2.4	15.6	1.6	14.9	84	6.3	0	4	3	13	10	0	0	0	0	0	0	1	11	11	7	0	0	2	17	11	0	0	1	4	6	4	2	10	3	1		
	15	1013.3	-	17.1	2.2	15.3	78	6.2	0	1	7	16	6	0	0	0	0	0	0	1	5	10	12	2	0	3	10	17	0	1	0	5	4	1	4	8	7			
	21	1013.5	-	14.4	1.2	14.3	87	5.9	0	4	7	13	6	0	0	0	0	0	0	5	8	9	6	2	0	3	10	17	0	1	0	5	4	2	1	3	14	5		
Cheshire Ringway 251 ft.	3	1013.6	-	13.0	1.0	13.2	88	5.7	0	4	8	12	6	0	0	0	0	0	0	2	15	10	3	0	1	6	20	3	0	2	4	2	5	5	3	3	3			
	9	1013.8	-	16.0	2.4	13.8	76	6.1	0	1	7	15	7	0	0	0	0	0	1	2	10	7	9	1	0	1	6	20	3	0	2	4	2	5	5	3	3			
	15	1013.6	-	17.9	3.2	14.2	70	6.6	0	0	6	18	6	0	0	0	0	0	0	1	2	8	5	11	3	0	0	11	18	1	0	0	3	3	5	5	9	4		
Rhoose 225 ft.	21	1013.9	-	15.4	2.0	13.9	79	5.7	0	6	3	18	3	0	0	0	0	0	1	5	9	11	3	1	0	0	7	20	3	4	1	3	2	3	5	6	3			
	3	1013.6	-	12.6	1.3	12.4	84	6.2	1	2	22	4	0	0	0	0	0	0	1	4	20	5	0	0	0	0	9	17	4	0	2	2	4	13	1	3	1			
	9	1013.8	-2.0	15.4	2.8	12.5	71	6.0	0	2	7	16	5	0	0	0	0	0	0	2	12	14	2	0	0	0	12	17	1	0	4	2	3	8	6	4	2			
7b NORTH WALES	15	1013.5	-	17.7	3.9	12.8	63	6.5	0	2	3	16	9	0	0	0	0	0	0	3	8	15	3	1	0	0	15	15	0	0	1	2	1	7	6	11	2			
	21	1014.0	-	14.7	2.0	13.0	77	5.6	0	5	5	15	5	0	0	0	0	0	0	0	0	0	0	0	0	0	9	20	1	0	2	3	2	8	5	5	4			
Anglesey Valley 37 ft.	3	1013.1	-	12.5	0.7	13.4	92	6.4	1	3	3	7	16	0	0	0	0	0	0	6	2	7	12	3	0	2	14	11	3	1	2	3	3	12	3	2	1			
	9	1013.6	-2.3	14.5	1.2	14.3	87	6.6	0	0	7	11	12	0	0	0	0	0	0	1	8	8	11	2	0	3	19	8	0	2	2	0	1	6	15	3	1			
	15	1013.5	-	15.4	1.6	14.5	83	6.2	0	3	5	12	10	0	0	0	0	0	2	1	9	6	5	7	0	0	3	19	8	0	2	2	0	1	6	15	3	1		
Caernarvon Bardsey Island 63 ft.	21	1013.6	-	13.5	0.9	13.9	89	5.8	0	4	6	12	8	0	0	0	0	0	0	5	3	6	10	0	0	3	14	12	1	1	3	2	0	1	11	7	2	2		
	3	1013.7	-	12.5	0.2	14.0	97	6.1	1	4	4	3	18	0	0	0	0	0	0	2	7	18	3	0	3	13	9	5	2	2	0	1	10	8	0	2				
	9	1014.5	-	13.2	0.3	14.7	93	6.2	0	3	6	7	13	1	0	0	0	1	1	0	1	10	9	8	0	5	13	11	1	5	0	0	1	12	5	4	2			
8a SOUTH WALES	15	1014.2	-	14.4	0.7	15.2	93	5.6	0	4	8	8	9	1	0	0	0	1	0	0	3	11	6	9	0	4	16	10	0	2	1	1	1	10	10	2	3			
	21	1014.1	-	12.8	0.4	14.1	96	5.6	0	3	10	8	9	0	0	0	0	0	0	1	3	5	15	6	0	2	17	9	2	5	0	0	3	8	8	1	3			
Cardigan Aberporth 382 ft.	3	1013.8	-	11.9	0.5	13.1	93	5.7	2	4	5	11	7	1	0	0	0	1	0	0	8	8	8	5	0	1	5	18	6	0	0	1	1	11	5	4	2			
	9	1014.2	-2.0	14.2	1.3	13.9	86	6.3	0	3	2	16	8	1	0	0	1	0	0	2	5	7	11	4	0	1	7	21	1	1	1	1	2	10	4	8	2			
	15	1014.1	-	15.1	1.5	14.5	84	6.3	0	2	4	12	12	0	0	0	0	0	2	3	11	12	2	0	1	12	13	4	2	2	0	1	7	4	7	3				
Pembroke Milford Haven C.B. 128 ft.	21	1014.4	-	13.1	1.0	13.5	89	5.3	1	6	4	13	5	1	0	0	1	0	1	4	8	8	7	0	0	6	17	7	1	0	1	2	7	8	4	0				
	3	1014.4	-	13.0	0.7	13.8	92	5.0	5	4	3	8	10	0	0	0	0	0	0	1	13	9	7	0	0	1	4	23	2	3	2	2	2	5	4	7	3			
	9	1014.7	-	14.6	1.2	14.3	87	6.1	2	1	6	10	11	0	0	0	0	1	2	13	11	3	0	0	0	0	11	17	2	2	0	2	4	3	8	6	3			
Glamorgan Mumbles 123 ft.	15	1014.9	-	16.4	2.2	14.5	79	5.8	0	4	5	11	10	0	0	0	0	0	0	1	12	12	5	0	0	0	17	13	0	2	0	2	3	3	12	5	3			
	21	1014.8	-	14.3	1.2	14.2	87	5.6	1	5	5	9	10	0	0	0	0	2	13	13	2	0	0	0	0	0	9	19	2	5	1	1	3	2	8	6	2			
	3	1014.3	-	13.4	1.0	13.7	88	5.0	2	9	1	8	10	0	0	0	0	0	0	5	19	6	0	0	2	2	17	10	1	1	1	5	0	15	6	1				
Rhoose 225 ft.	9	1014.6	-	14.5	1.3	14.2	86	6.3	2	1	4	12	11	0	0	0	0	0	0	2	13	11	4	0	0	2	17	10	1	1	1	5	0	10	5	2				
	15	1014.8	-	15.7	1.8	14.5	81	5.5	0	4	8	10	8	0	0	0	0	0	2	10	11	1	6	0	5	5	14	10	1	0	1	2	1	3	12	8	2			
	21	1014.7	-	15.0	1.5	14.2	84	6.0	0	5	3	11	11	0	0	0	0	2	9	6	7	4	0	5	10	13	2	1	3	1	2	4	6	5	6					
8b ENGLAND, S.W.	3	1014.3	-	12.5	0.8	13.1	90	5.4	1	6	4	12	7	0	0	0	0	2	6	6	15	1	0	1	0	4	24	1	2	4	3	2	5	4	6	3				
	9	1014.9	-2.2	15.1	1.7	14.1	82	6.0	1	2	5	13	9	0	0	0	0	0	6	3	12	4	5	0	1	12	17	0	1	2	3	2	4	7	10	1				
	15	1014.6	-	17.0	2.5	14.6	75	5.6	1	3	7	14	5	0	0	0	0	0	3	3	5	10	9	0	2	6	12	0	0	1	0	4	2	3	17	3				
Somerset Yeovilton 74 ft.	21	1014.9	-	14.1	0.9	14.1	87	5.5	0	6	7	9	8	0	0	0	0	0	2	2	2	5	13	6	0	0	9	19	2	2	3	0	3	2	2	14	2			
	3	1015.1	-</																																					

TABLE VIII—NUMBER OF DAYS IN JUNE, 1966
WITH MAXIMUM AND MINIMUM TEMPERATURES between given limits.

STATION	MAXIMUM TEMPERATURE °C.							STATION	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	Above 25-0		0-0 or less	-1-0 to -10-0	-9-0 to -5-0	-4-0 to 0-0	0-1 to 5-0	5-1 to 10-0	Above 10-0
Lerwick	0	0	3	22	0	0	0	Edgbaston	0	0	0	0	24	6	0
Stornoway	0	0	0	14	16	0	0	Kew	0	0	0	0	11	15	4
Craibstone	0	0	12	17	1	0	0	Hastings	0	0	0	0	26	3	1
Rothsay	0	0	0	10	20	0	0	Southampton	0	0	0	0	15	13	2
Abbotsinch	0	0	1	5	22	2	0	Stonyhurst	0	0	0	0	4	21	5
Eskdalemuir	0	0	0	6	21	3	0	Bidston	0	0	0	0	2	24	4
Douglas	0	0	0	12	16	2	0	Valley	0	0	0	0	3	24	3
Cockle Park	0	0	0	5	22	3	0	Falmouth	0	0	0	0	1	27	2
Gorleston	0	0	0	3	23	4	0	Aldergrove	0	0	0	0	3	25	2
Cambridge	0	0	0	0	12	15	3	Armagh	0	0	0	0	1	25	4

TABLE XIII—SOLAR RADIATION AND ILLUMINATION, JUNE, 1966

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	756	11	73	5	396.1	30	396	16	73	5	257.3	30	887	11	96	5	467.2	30
Eskdalemuir	817	29	86	24	388.6	30	369	3	84	24	261.1	30	1024	29	113	24	506.3	30
Cambridge	738	1	258	17	520.0	30	415	6	198	17	316.8	30	-	-	-	-	-	-
London (High Holborn)	727	29	153	27	471.5	30	395	6	133	27	267.9	30	837	3	197	27	552.7	30
Kew	718	3	159	27	487.2	30	324	11	136	27	278.0	30	844	3	198	27	580.8	30
Bracknell (Easthampstead)	767	3	205	27	520.3	26	372	6	184	27	287.2	26	859	3	239	27	579.1	26
Aberporth	802	29	141	9	497.2	30	395	15	129	29	270.3	30	-	-	-	-	-	-

TABLE III—ADDITIONS AND CORRECTIONS

YEAR	MONTH	STATION	Max. Temp. by 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		HIGHEST MAXIMUM AND LOWEST MINIMUM				Total fall (inches)	Per cent of Average			Most in a day (inches)	Precip'n (0.01in (0.2mm) or more)	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frosty below °C	Grass min. below °C	Gale	Daily Mean (hr.)	Per cent of Average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
					A. Max.	B. Min.	Mean Temperature (from A & B)	Difference from Average	Maximum	Date			Minimum	Date																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
1965	December	Lerwick												7.67	151																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										

TABLE XIII—SOLAR RADIATION AND ILLUMINATION. — ADDITIONS AND CORRECTIONS

STATION and Date	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
London (High Holborn)																		
1959 January	111	27	10	14	60.7	31	73	31	10	14	44.5	31						
Kew																		
1965 February																		111.7
Bracknell (Easthampstead)																		
1966 January																		
Aberporth																		
1966 February	255	23	32	5	112.9	28	143	12	33	5	86.8	28	-	-	-	-	-	-
April	709	28	130	14	342.5	30	347	25	125	2	219.4	29	-	-	-	-	-	-

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Printed in England for H.M. Stationery Office by Keyswift Ltd., Edgware. Dd. 125625 K.12. 10/66. Gp. 1708. 72-7-66-6.

Monthly Weather Report OF THE METEOROLOGICAL OFFICE

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

Met. O.775



Volume 83 Number 7

Published by HER MAJESTY'S STATIONERY OFFICE

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July 1966 — Dry in much of Scotland; wet in south-east England

Weather was predominantly anticyclonic in character except on the 12th-16th when pressure was low over Scandinavia and the Norwegian Sea, and on the 19th and 20th when a depression moved westwards from Germany into France.

The warm sunny weather at the end of June continued over most of England and Wales until July 4th with afternoon temperatures reaching 26°C in places; on the 3rd many districts recorded 15 hours or more of sunshine after the dispersal of early morning fog patches. In Scotland, however, weather was rather dull with rain at times.

Meanwhile, a large anticyclone had become established in the region of the Azores and depressions moving round its north-eastern flank brought changeable weather with occasional rain or showers to most districts of the British Isles from the 5th until the 16th. Day temperatures fell sharply on the 5th as thunderstorms accompanied by heavy rain, which exceeded 1 inch in places, became widespread in south-east England, but returned to normal for a few days from the 8th as a ridge of high pressure extended across southern England to Germany. Widespread and locally heavy rain on the 10th continued well into the night as a small depression moved from Northern Ireland to the Thames Estuary, and the 15th was also a very wet day due to another depression moving south-eastwards across the country on a somewhat similar track. There were, however, good sunny spells especially on the 11th and 14th.

On the 17th a ridge of high pressure extended from the anticyclone near the Azores, across the British Isles to Scandinavia, and weather in most districts became sunny and dry for about a week, except in south-east England. With north to north-east winds it was rather cool in eastern and central England, but in Scotland it was warm and sunny; Prestwick recorded 14 hours of sunshine daily on the 18th-21st and in Glasgow, with temperature rising to 28°C, the 21st was the warmest July day for seven years. In south-east England, however, weather was particularly dull and cold on the 19th-21st with strong north-easterly winds, as a depression over Germany moved westwards into France.

Weather became warm and sunny in the south on the 22nd with temperatures exceeding 27°C on the 22nd and 23rd, but on the latter date the ridge of high pressure over the country retreated south-westwards and a cold front, associated with a complex low pressure area in the Norwegian Sea, brought freshening westerly winds and occasional rain to most northern districts. A wave developing on this front gave periods of heavy rain on the 24th, first in the north, moving to the southern part of the country during the afternoon. The 25th was sunny with scattered showers, but a small depression centred over northern England brought renewed rain on the 26th as it moved with its associated trough across central and southern districts.

Most of the remainder of the month was dominated by a depression moving south-eastwards from Iceland, which, after a showery day on the 27th, brought widespread rain on the 28th. The depression became slow-moving in the northern North Sea, and northerly winds from high latitudes on its western side gave frequent thundery showers and thunderstorms on the 29th and 30th. Another depression forming in our South-West Approaches brought stormy weather with widespread gales and thunderstorms to southern England during the last day of the month.

Pressure and Wind — Mean pressure was mainly above the 1931-60 average except in some eastern districts, the deviation from average at 9h ranging from +2.9 mb at Scilly to -1.0 mb at Gorleston. Surface winds were light and variable until the 4th and then mainly between west and north-west during the remainder of the month apart from north to north-easterly winds on the 17th-21st. Winds reached gale force on

the 10th, 19th-21st and 31st mainly in south-west England; no gales were reported in Scotland.

Temperature — Mean maximum temperatures did not reach the July average except in Devon. Day temperatures were below the average throughout the month except during the first four days and around the 23rd in south-east England, and during the third week in Scotland. The coldest night was that of the 26th/27th when screen temperature at Glenmore Lodge fell to -0.3°C.

Extremes included: (England and Wales) 27.8°C at Moreton Morrell on the 23rd, 0.6°C at Caldecott on the 15th and at Moore House and Kielder Castle on the 18th and 19th; (Scotland) 28.9°C at Perth and Crossmyloof on 21st, -0.3°C at Glenmore Lodge on 27th; (Northern Ireland) 25.6°C at Newton Abbey on the 21st, 2.8°C at several places on the 27th.

Rainfall — Rainfall was below the 1916-50 average over the whole of Scotland except for parts of the north and west. Dumfries had its driest July since 1935. In England and Wales rainfall was mainly above average east and south of a line from Swanage to Llandudno to Scarborough except for Shropshire and a belt extending from Oxfordshire through Nottinghamshire to Derbyshire and northwards. It was more than twice the average locally in Lincolnshire and over most of Kent. Elsewhere it was below the average.

Thunder was heard on 12 days in Scotland and on the 4th, 5th, 11th, 14th, 17th, 19th, 20th, 24th, 26th and 28th-30th (13 days) in England and Wales. Thunderstorms were widespread on the 29th and 30th, and also on the 5th and 19th over south-east England.

Sunshine — Sunshine was below the average generally except in some western districts in Great Britain, but it was above the average in Northern Ireland. Many places in south and east Scotland had their dullest July for more than 20 years. In England and Wales percentages ranged from 129 at Newton Rigg to 68 at Wye.

Fog — Reports of fog were fewer than average even for July. In Scotland early fog was observed on only one morning. In England and Wales it occurred at a few places during the first few days of the month and also during the period 8th-12th.

Miscellaneous Phenomena — The aurora was visible on one night in Scotland.

TABLE I—DISTRICT VALUES, JULY, 1966

DISTRICTS	AIR TEMPERATURE					EARTH TEMP.		RAIN DAYS	RAIN-FALL	SUN-SHINE
	*Highest Max.	*Lowest Min.	Max.	Min.	Mean	Mean 1 ft.	Mean 4 ft.			
	Difference from Average									
0 SCOTLAND, N.	25.0	3.6	-1.3	-1.3	-0.8	-	-	+2	88	114
1 SCOTLAND, E.	26.1	3.9	-0.8	-1.3	-1.1	0.0	+0.2	-1	57	111
2 ENGLAND, N.E.	25.6	5.6	-1.6	-1.1	-1.3	-0.5	-0.1	+4	101	98
3 ENGLAND, E.	25.2	6.1	-2.0	-1.0	-1.5	-0.9	-0.1	+4	147	80
4 MIDLANDS	26.3	6.1	-1.7	-0.9	-1.3	-0.7	+0.1	+1	89	84
5 ENGLAND, S.E.	26.4	3.1	-1.4	-0.8	-1.1	-1.2	-0.2	+2	123	83
6 SCOTLAND, W.	27.1	2.9	-0.7	-1.2	-1.0	+0.1	-0.3	-2	49	133
7 ENGLAND, N.W. and N. Wales	23.9	3.9	-1.2	-0.7	-0.9	-0.4	0.0	0	104	109
8 ENGLAND, S.W. and S. Wales	26.7	3.3	-0.7	-0.7	-0.7	-0.6	+0.1	-1	60	97
N. IRELAND	25.0	3.3	-0.7	-0.8	-0.7	-	-	-1	53	115
SCOTLAND	27.1	2.9	-0.6	-1.3	-1.0	-	-	0	65	119
ENG. and WALES	26.7	3.1	-1.4	-0.9	-1.1	-	-	+2	99	92

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

FH2A

TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND—

JULY,

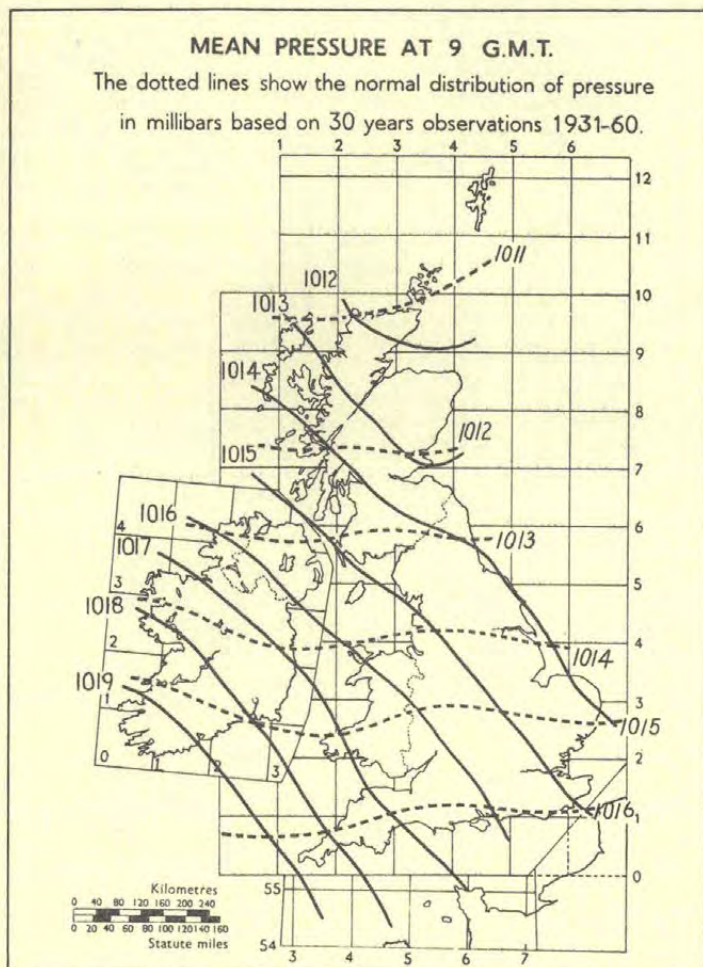
1966

DISTRICT COUNTY AND PLACE			HEIGHT OF VANE IN FEET			DISTRIBUTION OF MEAN HOURLY 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	Zetland	Lerwick	304	33	33	-	0	8	42	405	282	15	0	12.2	220	26	22	15	240	40	22	1640
	Orkney	Kirkwall	134	50	33	-	0	6	30	352	298	64	0	10.8	250	27	22	09	260	39	22	0810
	Caithness	Dounreay	110	39	30	-	0	7	36	485	193	19	11	13.1	300	26	14	16	300	37	14	1510
	Sutherland	Shin	78	33	33	-	0	11	34	266	321	123	0	12.4	200	26	27	22	220	35	1	1015
	Ross & Cromarty	Stornoway (C'Guard)	120	40	36	-	0	3	17	268	313	132	14	9.0	220	28	23	15	220	41	23	1450
	Inverness	Benbecula	52	33	33	-	0	3	9	509	211	15	0	12.4	210	24	27	22	210	36	27	2135
		Fort Augustus	189	53	53	-	0	1	1	186	292	265	0	6.6	230	23	23	15	220	39	23	1410
		(N.S.H.E.B)																				
1	Moray	Kinloss	57	41	41	-	0	4	20	312	356	56	0	10.4	240	26	23	19	230	37	23	1720
		Lossiemouth	101	80	60	-	0	1	5	167	434	138	0	7.5	010	23	30	12	020	36	30	0825
	Aberdeen	Dyce	234	30	30	-	0	0	0	227	377	140	0	8.2	310	19	14	16	310	30	14	1535
	Angus	Bell Rock	128	131	124	-	0	3	4	452	381	107	0	11.0	250	24	23	17	230	33	9	1245
	Perth	Rannoch	1006	56	57	-	0	0	0	51	366	327	0	4.7	270	16	22	13	280	30	23	1605
		Tummel Bridge	528	53	53	-	0	0	0	51	366	327	0	4.7	270	16	22	13	280	30	23	1605
	Fife	Leuchars	78	40	40	-	0	2	8	282	389	65	0	9.5	230	26	23	17	250	38	23	1455
	Midlothian	Turnhouse	137	40	33	-	0	1	5	190	421	128	0	8.1	250	25	23	15	250	41	23	1515
		Edinburgh, Blackford Hill	496	50	34	-	0	4	8	269	385	75	7	9.2	250	24	23	16	230	40	23	1630
6a	Argyll	Tiree	89	60	47	-	0	7	32	491	161	60	0	12.5	350	29	30	09	350	43	30	0710
	Bute	Millport	50	34	34	-	0	2	6	235	347	66	90	9.3	220	27	23	15	220	41	23	1430
	Dunbarton	Cumbernauld	543	33	33	-	0	0	0	63	432	249	0	5.3	290	17	13	16	270	37	12	0710
	Renfrew	Paisley	188	81	31	-	0	0	0	63	432	249	0	5.3	290	17	13	16	270	37	12	0710
		Abbotsinch	52	33	33	-	0	1	2	216	357	169	0	7.8	280	23	12	08	270	36	12	0650
	Lanark	Lowther Hill	2415	43	33	-	0	11	66	455	209	14	0	13.7	040	28	21	04	290	37	22	2010
	Ayr	Hunterston	41	30	30	-	0	2	5	203	307	229	0	7.5	290	26	13	17	070	37	26	0815
		Prestwick	68	33	33	-	0	2	3	298	380	63	0	9.6	300	23	24	16	300	35	13	2305
	Dumfries	Chapelcross	310	50	50	-	0	0	0	40	335	369	0	4.0	290	16	13	24	280	31	12	0720
		Eskdalemuir	825	50	35	-	0	0	0	40	335	369	0	4.0	290	16	13	24	280	31	12	0720
	Wigtown	West Freugh	81	33	33	-	0	1	6	266	419	35	18	9.5	330	25	13	16	320	41	13	1705
6b	Isle of Man	Ronaldsway	82	33	33	-	0	2	4	259	386	95	0	8.8	340	25	22	05	340	37	22	0735
		Point of Ayre	64	33	33	-	0	3	12	353	318	61	0	10.5	300	23	13	16	300	31	13	1555
2	Durham	Durham	389	53	33	-	0	0	0	208	471	65	0	8.1	360	18	20	13	360	37	20	1045
		South Shields	73	57	44	-	0	1	2	212	393	137	0	8.0	360	24	20	13	250	33	12	0650
	Lincoln	Cranwell	288	47	47	-	0	0	0	250	400	94	0	8.6	250	20	13	15	290	34	24	1315
		Manby	85	33	33	-	0	2	3	273	422	46	0	9.5	360	23	21	11	010	33	19	1440
3	Norfolk	Corleston	54	43	43	-	0	5	46	299	357	41	1	11.3	010	29	19	07	360	36	21	0320
	Suffolk	Mildenhall	98	83	60	-	0	0	0	104	426	214	0	6.2	260	17	13	14	270	36	30	1130
	Bedford	Bedford	322	42	30	-	0	1	2	246	391	105	0	8.9	020	24	19	13	240	39	24	1445
		Cardington	226	133	133	-	0	3	9	349	327	59	0	10.5	020	24	19	12	020	41	19	1155
	Hertford	Garston	307	50	33	-	0	0	0	72	532	140	0	6.1	020	17	21	07	220	32	24	1345
		Rothamsted	461	41	33	-	0	0	0	67	418	259	0	5.2	030	16	20	03	030	34	20	0155
	Essex	Stansted	351	31	31	-	0	3	12	292	351	89	0	9.4	360	25	21	10	300	38	30	1320
		Coryton	66	57	48	-	0	0	0	207	463	70	4	8.5	360	20	21	09	350	38	21	0755
		Shoeburyness	118	106	91	-	0	8	33	447	235	28	1	12.2	210	29	24	14	310	51	30	1445
4	Yorks, W.R.	Sheffield	533	83	35	-	0	0	0	0	247	493	4	2.8	290	10	14	04	350	31	20	2140
	Warwick	Edgbaston	643	118	73	-	0	0	0	184	543	17	0	8.7	360	19	19	15	350	30	19	1210
		Elmdon	343	31	31	-	0	2	4	271	386	83	0	9.2	300	24	24	17	260	39	24	1235
	Buckingham	Amersham	500	50	50	-	0	0	0	88	522	134	0	6.6	350	20	19	11	350	39	20	2345
	Stafford	Keele	706	50	33	-	0	0	0	70	455	219	0	5.7	300	16	24	16	240	36	13	1355
	Worcester	Pershore	154	33	33	-	0	1	3	266	331	144	0	8.5	020	22	19	14	280	36	30	1100
5	Greater London	London W/Centre	306	229	125	-	0	3	16	400	303	25	0	11.3	360	24	21	03	010	40	21	0240
		Heathrow	115	33	33	-	0	0	0	217	455	72	0	8.5	360	20	19	24	010	34	20	2215
		Hampton	139	101	100	-	0	0	0	187	421	136	0	7.5	200	19	24	14	310	50	29	1550
		Kew	92	75	50	-	0	0	0	161	449	144	0	7.0	220	19	24	14	010	39	21	0620
	Surrey	Gatwick	292	38	33	-	0	0	0	105	467	172	0	6.7	210	20	24	13	210	32	24	1250
	Kent	Isle of Grain	48	40	33	-	0	0	0	245	265	193	41	7.7	220	21	24	15	230	36	24	1610
		Dover	68	38	62	-	0	10	39	433	234	38	0	12.6	220	25	24	17	220	44	24	1610
	Sussex	Thorney Island	51	33	33	-	0	3	7	311	317	109	0	9.7	180	26	31	24	010	38	20	0145
	Berkshire	Abingdon	295	40	40	-	0	0	0	154	399	191	0	6.8	010	17	20	07	010	31	20	0635
	Hampshire	Hurn	86	53	46	-	0	1	1	260	381	102	0	8.8	200	22	31	23	200	34	31	2215
		Calshot	50	41	33	-	0	2	4	290	364	86	0	9.								

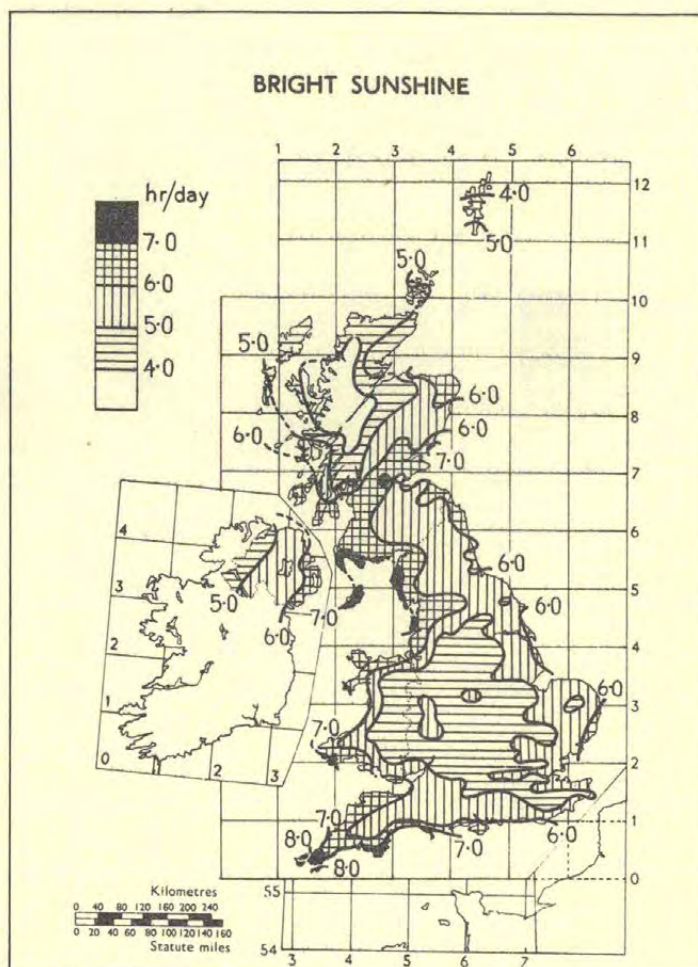
MONTHLY WEATHER CHARTS JULY 1966

MEAN PRESSURE AT 9 G.M.T.

The dotted lines show the normal distribution of pressure in millibars based on 30 years observations 1931-60.



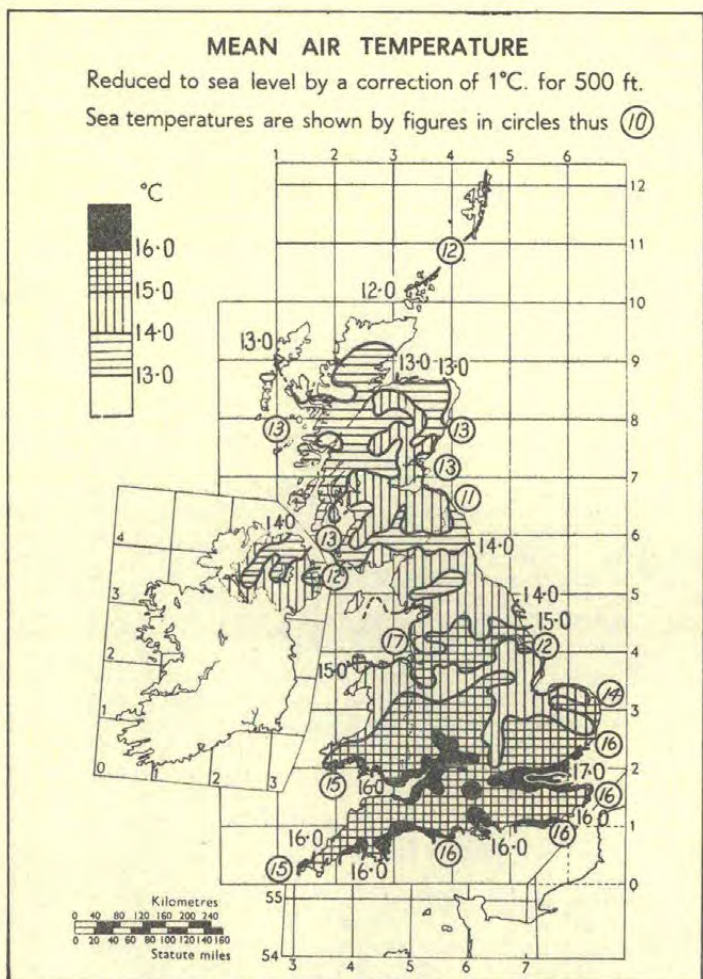
BRIGHT SUNSHINE



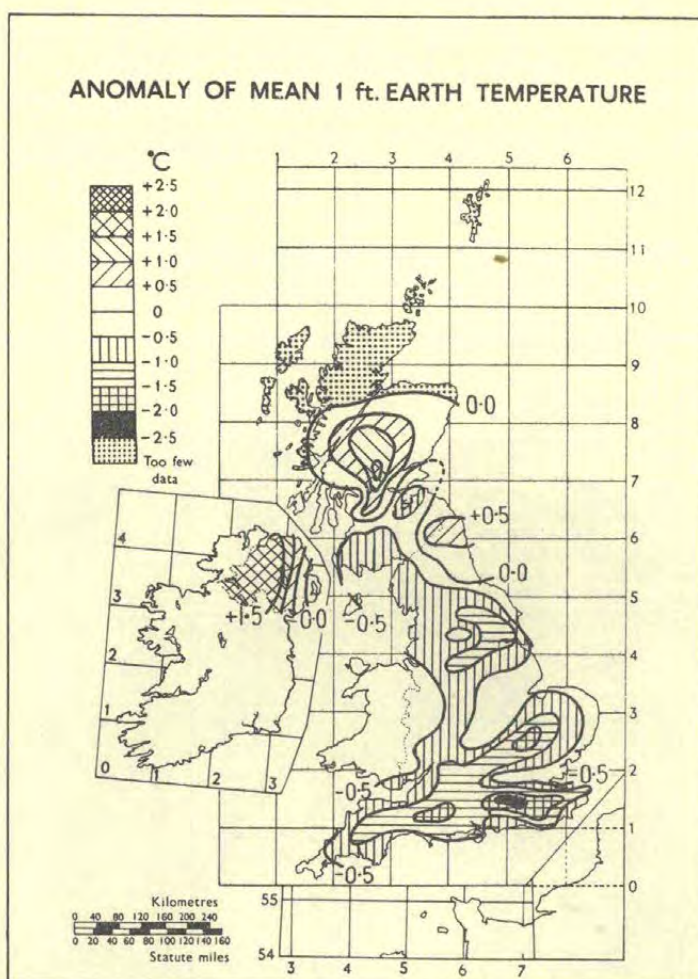
MEAN AIR TEMPERATURE

Reduced to sea level by a correction of 1°C. for 500 ft.

Sea temperatures are shown by figures in circles thus (10)



ANOMALY OF MEAN 1 ft. EARTH TEMPERATURE



RAINFALL

JULY 1966

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

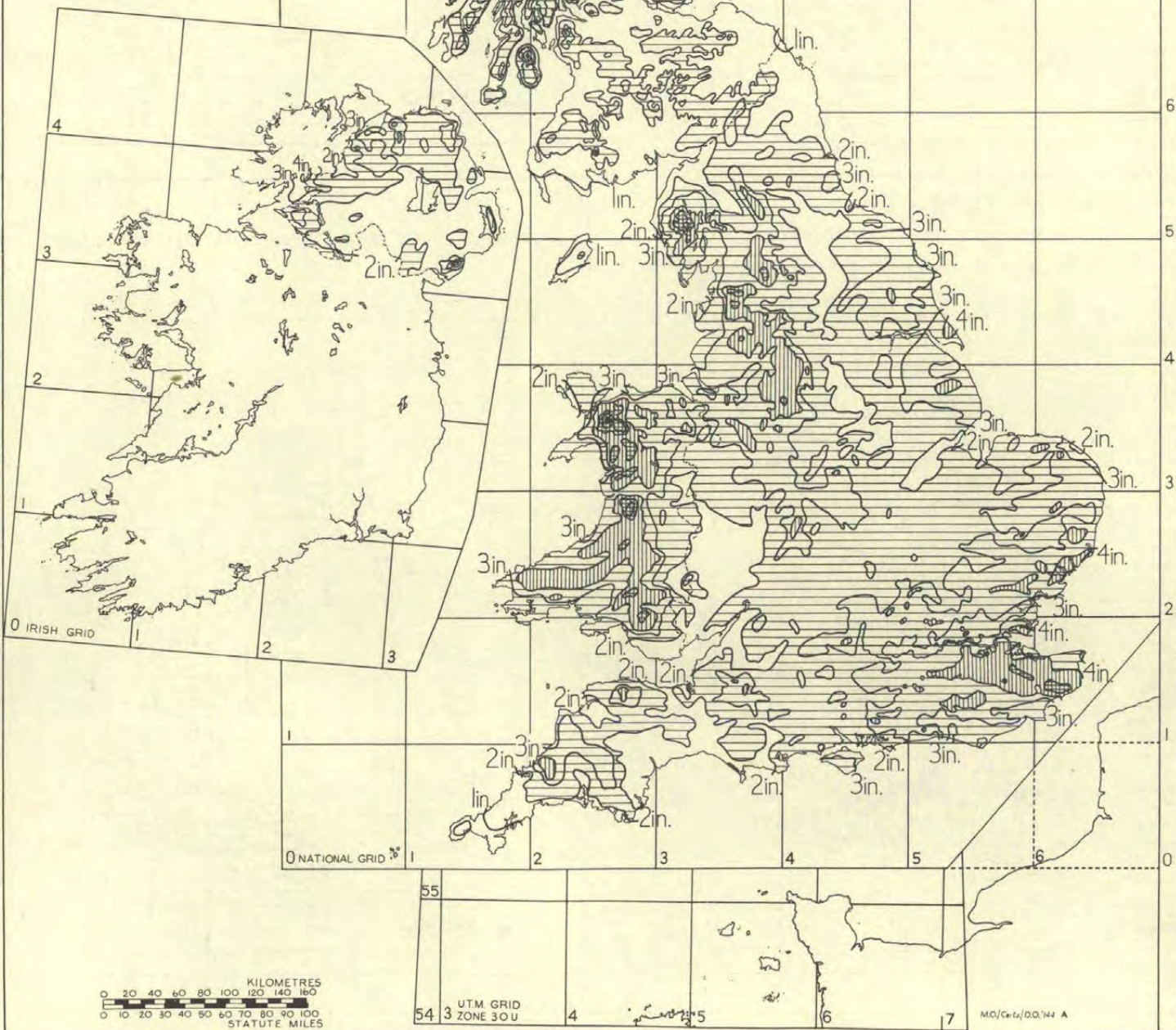
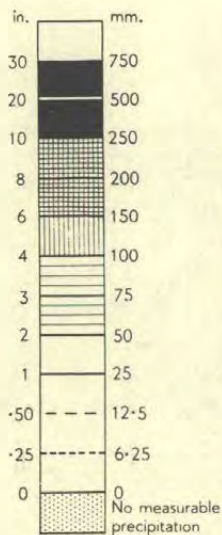


TABLE III

—SUMMARY OF DAILY OBSERVATIONS

JULY.

1966

DISTRICT, COUNTY AND PLACE		Terminal hr. 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				HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (inches)	Per cent of Average	Amount (inches)	Date	Precip'n (0.2mm 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	Gale	Daily Mean (hr.)	Per cent of Average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
				A Max.	B Min.	Mean Temperatures (Mean of A & B)	Difference from Average	Maximum	Date	Minimum	Date																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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DISTRICT, COUNTY AND PLACE		Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (feet)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days										BRIGHT SUNSHINE			
					MEANS OF		Mean Temperatures (Mean of A & B)	Difference from Average °	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (inches)	Per cent of Average %	Most in a Day Amount (inches)	Date	Precip'n -0.01 in (0.2mm) or more -0.04 in (1.0mm) or more	Snow or Sleet	Snow lying at 9hr.	Hall	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost†	Gross min. below 0°C	Gale	Daily Mean (hr.)	Per cent of Average %	Exposure	
					A Max.	B Min.			Maximum	Date	Minimum	Date																				
1 SCOTLAND, E.—cont.																																
Midlothian —cont.	Davidson's Mains	9 9	200	18.7	10.1	14.4	-0.5	26.1	21	6.7	18	15.4	-	1.60	55	.30	5	14	10	0	0	0	0	0	0	0	0	0	0	5.73	-	5
	Penicuik	9 9	620	17.8	8.9	13.3	-	25.0	21	3.3	18	15.2	-	2.22	61	.49	30	11	11	0	0	0	0	2	1	0	0	0	0	5.34	-	-
	Bush House	9 9	605	17.1	9.0	13.1	-	23.3	21	3.3	18	15.3	13.0	2.16	61	.46	30	11	11	0	0	0	0	0	0	0	0	0	0	6.17	-	-
	Edinburgh—																															
E. Lothian	Blackford Hill	9 9	441	18.1	10.3	14.2	-0.7	24.4	21	7.8	31	-	-	1.57	52	.28	30	12	9	0	0	0	0	1	0	0	0	0	6.43	123	-	
	Royal Bot. Gdns.	9 9	74	18.1	10.3	14.2	-1.0	24.4	21	5.6	18	16.0	-	1.53	56	.30	13	11	11	0	0	0	0	3	0	0	0	0	6.43	118	-	
	Haddington	9 9	162	18.2	9.7	13.9	-	22.8	21	3.3	18	-	-	1.42	55	.40	13	15	8	0	0	0	0	1	0	0	0	0	5.91	-	-	
	Dunbar	9 9	75	17.2	10.1	13.7	-0.9	21.7	8,22	6.1	19	-	-	1.23	52	.29	13	12	8	0	0	0	0	0	0	0	0	0	6.74	117	-	
Berwick	Mertoun	9 9	225	18.5	8.6	13.5	-	23.9	21	2.2	18,19	-	-	1.61	-	.44	25	15	9	0	-	0	0	1	-	0	3	5.49	-	-		
	Lauder	9 9	600	17.8	8.2	13.0	-	23.3	21	1.1	18	-	-	1.91	-	.44	5	14	11	0	0	0	0	0	0	0	2	6.30	-	-		
	Marchmont	9 9	498	17.9	9.2	13.5	-1.0	22.8	22	6.1	18,19,27	-	-	1.52	52	.40	25	13	9	0	0	0	0	0	0	0	0	5.	1	S		
	Whitchester	9 9	838	17.2	8.1	12.7	-	21.7	21,22	3.3	19	-	-	1.44	43	.34	25	14	9	0	0	0	0	0	-	0	-	-	-	-		
Peebles	St. Abb's Head	9 9	245	16.6	10.6	13.6	-	21.0	8	8.8	3,31	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0	0	-	-	-	
	Stanhope Farm	9 9	741	16.9	8.3	12.6	-	23.9	21	1.1	18	-	-	1.86	52	.40	25	15	12	0	0	0	0	0	0	0	0	0	-	-	-	
	Blyth Bridge	9 9	830	16.5	8.4	12.5	-	23.9	21	3.3	18	-	-	1.98	62	.60	25	16	10	0	0	0	0	1	0	0	1	5.58	-	-		
	West Linton	9 9	800	16.7	8.1	12.4	-	24.4	21	2.8	18	14.6	13.3	2.11	57	.46	25	17	12	0	0	0	0	0	0	0	0	0	-	-	-	
Selkirk Roxburgh	Glenstress	9 9	580	17.9	8.3	13.1	-	24.4	21	1.1	18	-	-	1.84	74	.58	29	14	9	0	0	0	0	0	0	0	0	0	-	-	-	
	Bowhill	9 9	600	18.0	8.6	13.3	-	24.4	21	2.2	18	-	-	1.67	57	.45	25	11	10	0	0	0	0	2	0	0	0	-	-	-	-	
	Wauchope	9 9	560	18.2	8.3	13.3	-	25.0	22	1.1	18,19	-	-	1.98	62	.40	29	12	8	0	0	1	0	1	0	0	0	-	-	-	-	
	Sourhope	9 9	900	16.8	8.3	12.5	-	23.9	22	3.9	18	-	-	2.72	-	.52	29	18	13	-	0	-	-	-	0	0	1	-	5.48	-	-	
6a SCOTLAND, W.																																
Argyll	Tiree	21-9	29	15.5	10.6	13.1	-0.6	18.0	21	7.1	27	-	-	2.59	76	.68	25	19	14	0	0	0	0	0	0	0	0	0	5.85	112	-	
	Rhuvaal	21-9	65	15.2	10.5	12.9	-	19.1	20	8.7	25	-	-	2.04	48	.31	12	17	10	0	0	0	0	0	0	0	0	0	-	-	-	
	Colonsay	9 9	87	16.2	10.2	13.2	-0.6	21.1	20	7.8	27	-	-	2.89	74	.72	25	19	15	0	-	0	0	0	0	0	0	-	-	-	-	
	Craighouse	9 9	10	17.4	10.6	14.0	-	24.4	21	7.8	18,19	-	-	2.88	-	.94	25	13	12	-	0	-	-	-	0	0	0	-	-	-	-	
Bute	Machrihanish	9 9	33	16.0	10.4	13.2	-	19.8	21	6.3	18	-	-	1.42	-	.31	25	18	9	0	0	0	0	0	0	0	1	6.31	-	-	-	
	Campbeltown	9 9	10	16.8	10.2	13.5	-	22.2	21	6.7	31	-	-	1.35	-	.39	9	12	9	0	0	0	0	0	6	0	-	6.46	-	-	-	
	Polloch	9 9	33	16.6	9.0	12.8	-	23.9	21	2.8	27	-	-	4.67	-	.88	27	19	18	0	-	0	0	-	0	1	0	-	-	-	-	
	Achaglachgach	9 9	40	17.8	8.6	13.2	-	24.4	21	3.9	27	-	-	2.63	60	.60	25	12	10	0	-	0	0	0	0	0	0	0	-	-	-	
Dunbarton	Lepinmore	9 9	30	17.8	9.6	13.7	-	26.1	20	6.1	25,27	-	-	2.31	48	.49	25	18	12	0	0	0	0	0	0	0	0	0	4.90	-	-	
	Glenbranter	9 9	80	16.9	9.3	13.1	-	25.0	21	5.0	17	-	-	2.80	-	.57	12	16	14	0	0	0	0	0	0	0	0	0	-	-	-	
	Benmore Y.B.G.*	9 9	40	-	9.7	-	-	-	-	5.6	17	-	-	2.40	39	.58	25	18	13	0	0	0	0	0	0	0	0	0	-	-	-	
	Kildonan	9 9	60	17.0	10.7	13.9	-	23.7	21	4.0	28	-	-	2.42	-	.74	25	17	12	0	-	0	0	0	0	0	0	0	-	-	-	
Stirling	Brodick Castle	9 9	50	18.3	10.6	14.5	-	26.1	21	8.3	17,18	16.8	-	3.22	-	1.34	25	11	9	0	0	0	0	0	0	0	0	0	-	-	-	
	Rothesay	9 9	140	17.2	10.3	13.7	-0.7	25.0	21	6.7	25	14.8	13.1	2.15	50	.51	25	17	11	0	0	0	0	0	0	0	0	5.91	178	-		
	Millport	9 9	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Finnart	9 9	50	17.7	11.2	14.5	-	25.0	20,21	7.8	27	-	-	1.72	-	.45	25	14	10	0	0	0	0	0	-	0	-	-	-	-	-	
Renfrew	Helensburgh	9 9	298	18.1	9.8	13.9	-0.8	27.2	21	6.1	27	-	-	1.82	44	.56	25	21	10	0	0	0	0	0	0	0	-	4.63	99	S		
	Sloy	9 9	40	17.9	10.1	14.0	-	27.0	21	4.9	27	-	-	2.55	-	.54	12	15	13	0	-	0	0	0	0	0	0	-	-	-	-	
	Cumbernauld	9 9	310	18.3	9.3	13.8	-	26.7	21	5.6	18	-	-	1.49	-	.36	25	16	11	0	0	0	0	0	0	0	0	-	-	-	-	
	Earl's Hill	9 9	1100	16.1	7.4	11.7	-	24.1	21	4.0	25	-	-	1.83	-	.34	25	14	11	-	-	-	-	0	0	0	-	6.76	-	-	-	
Lanark	Stirling	9 9	151	19.1	10.6	14.9	-0.5	27.2	21	7.2	17,25	18.0	12.9	1.33	42	.34	29	11	9	0	0	0	0	0	0	0	0	7.26	-	-	-	
	Falkirk	9 9	100	18.4	10.2	14.3	-1.1	27.2	21	6.7	18	-	-	1.31	41	(.50)	29	12	8	0	0	0	0	0	0	0	0	-	-	-	-	
	Greenock	9 9	200	17.6	10.7	14.1	-1.0	25.6	21	5.0	25	-	-	1.35	33	.60	25	10	7	0	0	0	0	0	0	0	0	6.22	-	-	-	
	Paisley	9 9	106	18.6	10.9	14.7	-0.9	27.8	21	8.3	17,18,25	15.8	12.4	1.32	40	.52	25	14	8	0	0	0	0	0	0	0	0	6.30	124	-		
Ayr	Barrhead	9 9	97	18.0	10.0	14.0	-	26.7	21	5.0	17,18	-	-	1.29	37	.57	25	11	8	0	0	0	0	0	0	0	0	-	-	-	-	
	Abbotsinch	21-9	18	18.3	9.6	13.9	-1.2	27.1	21	5.7	17	-	-	1.14	37	.33	25	14	9	0	0	0	0	0	0	0	0	6.55	127	-		
	Crossmyloof	9 9	75	18.7	10.4	14.5	-	28.9	21	5.6	19	-	-	1.45	-	.54	25	11	9	0	0	0	0	0	0	0	0	6.36	-	-	-	
	Thorntonhall	9 9	453	17.1	9.1	13.1	-	26.1	21	5.0	18	-	-	1.88	53</																	

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

JULY,

1966

DISTRICT, COUNTY AND PLACE		Terminal hr. GMT of Observation	Height of Station above MSL (feet)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days										BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
				MEANS OF		Mean Temperature (Mean of A & B)	Difference from Average #	HIGHEST MAXIMUM AND LOWEST MINIMUM				1 ft.	4 ft.	Total fall (inches)	Per cent of Average #	Most in a Day	Precip'n (0.01 in (0.2mm) 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	Gale	Daily Mean (hr.)	Per cent of Average #	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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Northumb- erland	Kielder Castle ...	99	660	17.5	7.6	12.5	-	23.3	22	0.6	18,19	15.7	-	2.05	48	.36	25	19	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

JULY,

1966

DISTRICT, COUNTY AND PLACE		Max. Min.	Terminal hr. 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		Mean Temperatures (Mean of A & B)	Difference from Average	HIGHEST MAXIMUM AND LOWEST MINIMUM				1 ft.	4 ft.	Total fall (inches)	Per cent of Average	Most in a Day Amount (inches)	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	Gale	Daily Mean (hr.)	Per cent of Average	Exposure	
					A Max.	B Min.			Maximum	Date	Minimum	Date						0.01 in (0.2mm) or more	0.01 in (1.0mm) or more													
4 MIDLAND COUNTIES																																
Yorks., W. Riding	Slaidburn ...	9 9	629	17.3	9.7	13.5	-	22.2	21	5.0	18	-	-	3.57	-	.69	28	20	16	0	0	0	0	0	0	0	0	0	0	6.74	-	-
	Malham Tarn ...	9 9	1297	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Derby	Huddersfield §	9 9	325	18.6	11.1	14.9	-1.0	23.3	22	6.1	18	15.4	-	2.17	-	.46	15	18	10	-	-	-	-	-	-	-	-	-	-	4.62	93	-
	" Oakes	21-9	762	17.4	9.9	13.7	-1.7	23.5	22	6.9	18	15.2	12.4	2.96	98	.57	28	21	14	0	0	0	0	4	0	0	0	0	0	4.91	95	-
	Bradford ¶	9 9	439	17.7	10.8	14.3	-1.3	22.2	22	7.8	17, 18	15.2	13.1	2.14	73	.36	28	21	12	0	0	1	0	3	0	0	0	0	-	-	-	S
	Ilkley ...	9 9	315	18.6	10.7	14.7	-1.0	23.9	22	5.0	18	-	-	2.71	88	.49	28	20	14	0	0	0	0	1	0	0	-	5.18	102	-		
	Sheffield	9 9	429	18.4	11.5	14.9	-1.4	23.9	22	8.3	18	15.6	13.5	1.75	63	.52	31	14	8	0	0	0	0	1	-	0	0	0	4.22	-	-	
	Wakefield ...	9 9	121	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Pontefract ...	9 9	255	18.3	10.5	14.4	-1.5	23.3	22	7.2	18	-	-	2.38	100	.45	31	16	10	0	0	0	0	0	0	0	0	0	-	-	-	
	Bramham ...	9 9	177	18.6	10.2	14.4	-	24.4	22	6.1	17, 18	-	-	2.12	78	.52	28	15	9	0	0	1	0	3	0	0	0	0	0	4.67	-	-
	Cawood ...	9 9	20	19.0	10.3	14.7	-	25.0	22	6.1	17	16.1	14.2	2.66	103	.59	28	14	11	0	0	0	0	1	0	0	0	0	5.23	-	-	
	Askham Bryan ...	9 9	110	18.7	10.5	14.6	-	24.4	22	7.2	17, 18	-	-	2.30	88	.54	28	15	9	0	0	1	0	2	0	0	0	0	0	4.83	91	-
	Buxton ... ¶	9 9	1007	15.9	9.9	12.9	-1.3	19.4	1, 21	6.7	18, 28	14.2	13.1	5.18	133	.82	28	19	17	0	0	0	0	0	1	0	0	0	-	-	-	-
	Chapel en le Frith	9 9	732	-	-	-	-	-	-	-	-	-	-	-	4.58	-	.80	28	19	17	-	-	-	-	-	-	-	-	-	-	-	-
	Derby ...	9 9	159	19.2	11.5	15.3	-	23.9	22	6.1	18	-	-	2.24	-	.53	31	13	9	0	0	0	0	2	0	0	0	0	0	5.60	-	-
	Morley ...	9 9	350	18.7	10.2	14.5	-	23.3	23	3.9	17	-	-	2.37	88	.49	31	11	9	0	0	0	0	1	-	0	0	1	4.75	-	-	
	Chesterfield ...	9 9	298	19.2	-	-	-	24.4	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Nottingham	Sutton Bonington	9 9	157	19.3	9.9	14.6	-1.8	23.9	22	6.1	28	15.7	14.4	2.44	103	.50	28	14	8	0	0	0	0	4	0	0	1	0	5.14	93	-	
	Wainall ...	21-9	385	18.9	10.5	14.7	-1.4	23.7	22	7.3	18	-	-	2.59	99	.76	31	13	10	0	0	0	0	3	0	0	0	0	4.68	86	-	
	Nottingham T.C.*	9 9	169	19.2	11.1	15.1	-	22.8	8, 22	7.8	31	-	-	1.92	-	.38	28	11	10	-	-	-	-	0	0	0	-	-	-	-	-	
	Mansfield	9 9	362	-	-	-	-	25.0	22	7.8	17, 18	16.3	-	2.04	76	.47	28	13	11	0	0	0	0	0	1	0	-	0	-	-	-	
	Nottingham ¶§	9 9	192	19.1	11.1	15.1	-1.6	22.2	8, 12, 23	8.9	15, 18, 28	16.1	14.8	2.07	82	.43	24	10	10	0	0	0	0	2	0	0	0	0	4.47	88	-	
Leicester	Warsop ...	9 9	150	20.0	8.9	14.5	-	26.7	22	3.9	28	-	-	1.60	72	.41	28	14	8	0	0	0	0	0	0	0	0	0	4.77	-	-	
	Finningley	21-9	34	19.6	11.3	15.5	-1.1	25.6	22	7.1	28	-	-	2.46	-	.59	31	17	10	0	0	0	0	2	0	0	0	0	4.72	-	-	
	Newtown Linford	9 9	392	18.8	10.1	14.5	-	23.9	22	6.7	10, 18, 28	-	-	2.71	-	.50	28	18	11	0	0	1	0	4	0	0	0	0	4.19	-	-	
Northampton	Caldecott	9 9	175	19.8	7.7	13.7	-	26.1	22	0.6	15	-	-	2.18	-	.63	28	15	8	-	-	-	-	-	-	-	-	4.60	-	-		
	Bugbrooke Mills	9 9	228	19.1	9.3	14.2	-	23.9	22, 23	3.3	18	15.8	13.6	2.15	-	.44	31	16	12	0	0	0	0	0	0	0	0	0	4.64	-	-	
Warwick	Raunds ... ¶	9 9	193	19.9	10.3	15.1	-	24.4	22, 23	5.6	18	16.9	13.6	2.17	99	.45	28	11	9	0	0	0	0	2	0	0	0	0	4.50	-	-	
	Wittering	21-9	212	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Warwick	Birmingham K.E.S.**	9 9	450	18.8	11.1	14.9	-	22.8	22	7.2	18	-	-	2.65	-	.53	31	15	10	0	0	1	0	3	0	0	-	-	-	-	-	
	Edgbaston ¶§	21-9	536	18.3	11.6	14.9	-1.3	22.3	22	7.3	18	12.5	11.7	2.83	99	.64	31	17	11	0	0	0	0	2	0	0	0	0	4.15	78	-	
Oxford	Luddington ...	9 9	138	19.5	10.4	14.9	-	25.0	22, 23	3.9	18	-	-	3.05	131	.57	28	15	11	0	0	0	0	2	0	0	0	0	4.65	-	-	
	Stratford on Avon	9 9	160	20.1	9.9	15.0	-	25.0	22, 23	5.0	18, 22	-	-	3.30	147	.64	28	15	12	0	0	0	0	3	0	0	0	0	4.57	-	-	
	Elmdon ...	21-9	319	19.1	10.6	14.9	-1.2	23.1	22	3.9	18	-	-	2.57	99	.46	31	17	9	0	0	0	0	4	0	0	0	0	4.08	-	-	
	Shipston on Stour	9 9	365	19.0	10.8	14.9	-	23.9	22	6.1	18	15.3	-	2.26	-	.44	28	17	12	0	0	0	0	2	0	0	0	-	4.33	-	-	
	Wellesbourne	9 9	153	19.5	10.4	14.9	-	24.4	22, 23	3.3	18	16.0	14.8	2.69	111	.66	28	16	10	0	0	0	0	2	0	1	0	4.25	-	-		
	Moreton Morrell	9 9	280	19.3	10.6	14.9	-	27.8	23	3.3	18	-	-	2.78	-	.63	28	18	10	0	0	0	0	0	0	1	0	4.26	-	-		
	Coventry ...	9 9	350	19.6	11.0	15.3	-	23.9	21	6.7	18	15.4	13.8	2.09	-	.41	10	8	8	-	-	-	-	-	-	-	-	-	-	-	-	
	Rugby ...	9 9	385	18.9	10.6	14.7	-1.5	25.0	22	5.0	19	16.5	14.9	3.35	-	.49	29	17	14	0	0	1	0	4	0	0	0	0	-	-	-	-
	Oxford	Medmenham ¶§	9 9	208	19.8	11.7	15.7	-1.4	24.4	3, 22, 23	6.1	18	16.9	15.2	3.18	133	.55	29	17	12	0	0	0	0	3	0	0	0	0	4.83	82	-
	Buckingham	Grendon Underwood	9 9	98	20.2	9.2	14.7	-	25.0	3, 10	2.2	18	-	-	3.05	-	.73	5	15	12	-	-	-	-	-	-	4	-	-	-	-	-
		Aylesbury ...	9 9	220	19.6	9.4	14.5	-	23.9	22, 23	2.2	18	16.7	14.7	2.54	-	.55	5	16	13	0	0	0	0	0	0	1	0	4.28	-	-	
	Stafford	Bletchley	9 9	316	19.3	-	-	-	23.9	3, 23	3.9	18	-	-	-	-	.45	19	-	-	0	0	0	0	3	0	0	0	0	4.73	-	-
		Keele ...	9 9	281	19.5	11.1	15.3	-	25.0	23	5.0	18	-	-	2.28	-	.38	5	15	11	0	0	0	0	3	0	0	-	-	-	-	-
		Oaken																														

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

JULY, 1966

DISTRICT, COUNTY AND PLACE		Max. Terminal hr. 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		Mean Temperatures (Mean of A & B)	Difference from Average	HIGHEST MAXIMUM AND LOWEST MINIMUM				1 ft.	4 ft.	Total fall (inches)	Per cent of Average	Amount (inches)	Date	Precip'n -0.01in (0.2mm) or more -0.04in (1.0mm) 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	Gale	Daily Mean (hr.)	Per cent of Average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
				A Max.	B Min.			Maximum	Date	Minimum	Date																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
5	ENGLAND, S.E.—cont.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

JULY.

1966

DISTRICT, COUNTY AND PLACE		Max. Temp. hr. GMT of Observation	Height of Station above MSL (feet)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days												BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
				MEANS OF		Mean Temperatures (Mean of A & B)	Difference from Average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (inches)	Per cent of Average	Most in a Day (Amount)	Precip'n (0.01 in or more)	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frosty	Grass min. below 0°C	Gale	Daily Mean (hr.)	Per cent of Average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
				A Max.	B Min.			Maximum	Date	Minimum	Date	1 ft.	4 ft.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
7a ENGLAND, N.W.—cont.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

JULY, 1966

DISTRICT, COUNTY AND PLACE	Terminal hr. GMT of Observation	Height of Station above MSL (feet)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days										BRIGHT SUNSHINE											
			MEANS OF		Mean Temperatures (Mean of A & B)	Difference from Average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (inches)	Per cent of Average	Amount (inches)	Date	Precip'n (0.1in (0.2mm) 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	Gale	Daily Mean (hr.)	Per cent of Average	Exposure					
			A Max.	B Min.			Maximum	Date	Minimum	Date																										
			1 ft.	4 ft.																																
8b ENGLAND, S.W.—cont.																																				
Devon	Hartland Point ...	21-9	298	16.6	13.2	14.9	-	19.2	20	9.9	25	-	-	2.01	72	.66	10	15	11	0	0	0	0	0	0	0	0	0	0	0	0	6.92	111	-		
	Mount Batten ...	21-9	87	19.2	12.4	15.8	-0.2	25.5	21	8.7	15	-	-	1.75	68	.74	10	16	9	0	0	0	0	0	0	0	0	0	0	0	0	7.19	113	-		
	Plymouth, The Hoe ...	9-9	119	19.6	12.2	15.9	-0.4	25.6	21	9.4	15, 28	17.0	15.4	1.65	64	.71	10	14	8	0	0	0	0	0	0	0	0	0	0	0	1	6.93	109	-		
	Tavistock ...	9-9	457	19.8	10.5	15.1	-0.6	26.1	21	6.1	28	-	-	2.65	-	.95	10	17	11	0	-	1	0	1	0	0	0	0	0	-	-	-	-			
	Chivenor ...	21-9	20	18.7	12.1	15.4	-1.1	24.4	21	9.2	18	-	-	1.59	58	.51	10	14	8	0	0	0	1	1	0	0	0	0	0	0	0	6.33	-	-		
	Ilfracombe ...	9-9	25	17.9	13.8	15.9	-0.4	21.1	21	10.6	18	18.1	15.4	1.89	67	.58	10	16	9	0	0	0	0	0	0	0	0	0	0	0	0	6.57	103	-		
	Princetown ...	9-9	1359	16.2	9.8	13.0	-	21.7	22	6.7	18	-	-	4.93	75	1.39	10	20	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	Totnes ...	9-9	120	20.6	10.6	15.6	-	26.1	22	5.6	28	17.4	14.6	1.38	46	.45	31	11	6	0	0	0	0	1	0	0	0	0	0	0	0	6.47	-	-		
	Slapton ...	9-9	104	19.8	11.5	15.7	-	24.4	22	7.8	10	-	-	2.86	-	.64	5	10	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	Newton Abbot ...	9-9	272	20.4	11.4	15.9	-0.3	26.1	22	8.3	4, 18, 28	-	-	1.38	53	.33	10	11	8	0	0	0	0	0	0	0	-	7.10	119	-	-	-	-	-		
	Paignton ...	9-9	8	20.9	11.9	16.4	-	26.1	22	8.9	28	-	-	1.60	68	.37	10	9	6	0	0	0	0	0	0	0	-	7.54	116	-	-	-	-	-		
	Torquay ...	9-9	26	20.6	12.4	16.5	-0.1	26.8	22	8.8	28	-	16.6	1.70	79	.43	31	8	6	0	0	0	0	0	1	0	0	0	0	0	0	7.41	110	-	-	
	Teignmouth ...	9-9	20	20.3	13.0	16.7	-0.2	26.7	22	10.6	4, 28	-	-	1.52	70	.48	19	10	6	0	0	0	0	1	0	0	0	0	7.29	109	-	-	-	-	-	
	Starcross ...	9-9	29	20.3	11.6	15.9	-	26.1	22	6.7	18	17.0	-	1.14	47	.38	10	10	7	0	0	0	0	0	0	0	0	0	7.30	-	-	-	-	-	-	
	Exmouth ...	9-9	195	19.8	11.9	15.9	-0.1	26.1	22	8.3	18	-	-	1.33	56	.38	10	11	6	0	0	0	0	1	0	0	-	6.99	109	-	-	-	-	-		
	Exeter ...	21-9	106	20.2	11.3	15.7	-	26.2	22	7.2	18	-	-	1.46	59	.36	10	11	7	0	0	0	0	0	2	0	0	0	5.94	-	-	-	-	-	-	
	Cornwall	Scilly ...	21-9	158	18.6	13.4	16.0	0.0	20.1	7	12.1	3	-	-	.96	43	.31	31	10	8	0	0	0	0	1	0	0	0	0	7.68	115	-	-	-	-	-
		Penzance ...	9-9	62	18.8	12.7	15.7	-0.7	22.2	22	8.9	28	-	-	1.39	51	.35	31	16	9	0	0	0	0	0	0	0	0	0	7.89	119	-	-	-	-	-
		Gulval ...	9-9	50	19.0	13.1	16.1	-0.1	22.2	22	8.9	28	-	-	1.08	41	.34	31	12	8	0	0	0	0	0	0	0	0	8.23	126	-	-	-	-	-	
Culdrose ...		9-9	268	18.2	11.5	14.9	-	22.2	22	8.9	18	-	-	.94	39	.22	31	13	7	0	0	0	0	0	1	0	0	0	7.34	-	-	-	-	-	-	
Rosewarne ...		9-9	250	17.7	12.4	15.1	-	19.4	22	8.9	28	16.6	15.2	1.08	42	.30	31	17	8	0	0	0	0	0	0	0	0	7.25	-	-	-	-	-	-		
Lizard ...		9-9	240	18.6	11.7	15.1	-0.5	23.8	22	8.9	28, 29	-	-	.98	46	.22	10	14	9	0	0	0	0	0	-	-	1	8.12	-	-	-	-	-	-		
Falmouth ...		9-9	167	18.8	11.9	15.3	-1.0	22.2	20, 21, 22	9.4	18, 28	-	-	.92	33	.20	31	12	7	0	0	0	0	0	0	0	0	6.67	102	-	-	-	-	-		
Newquay ...		9-9	176	17.5	13.1	15.3	-0.5	18.9	20, 22	8.9	18	-	-	1.41	53	.46	10	14	9	-	-	0	0	0	-	-	0	7.27	115	-	-	-	-	-		
St. Mawgan ...		21-9	337	17.6	12.4	15.0	-	21.0	20	9.6	18	-	-	1.99	67	.72	10	17	10	0	0	0	0	0	2	0	0	0	6.80	-	-	-	-	-	-	
St. Austell ...		9-9	310	18.9	11.8	15.3	-	22.8	22	8.9	4	-	-	1.64	48	.40	10	17	10	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-		
Fowey ...		9-9	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Bude ...		9-9	50	17.7	12.4	15.1	-0.6	22.8	21	7.8	28	15.3	-	2.37	88	.61	10	16	14	-	-	-	-	-	-	-	-	6.48	109	-	-	-	-	-		
Ellbridge ...		9-9	190	20.3	10.8	15.5	-0.5	27.2	21	6.1	28	-	-	1.91	64	.60	10	14	9	0	0	0	0	0	1	0	0	0	5.98	97	-	-	-	-	-	
9 NORTHERN IRELAND																																				
Londonderry		Loughmore Forest ...	9-9	570	15.9	8.9	12.4	-	20.0	18, 21	2.8	27	-	-	3.52	-	.56	29	25	18	0	0	0	0	0	0	0	0	0	-	-	-	-	-	-	
		Ballykelly ...	21-9	6	17.1	11.2	14.1	-0.5	20.2	21	7.0	18	16.3	13.6	1.51	45	.25	10	21	13	0	0	0	0	0	0	0	0	0	4.44	101	-	-	-	-	
		Derrynoyd Forest ...	9-9	290	17.8	10.0	13.9	-	23.9	21	5.5	27	-	-	1.87	-	.37	29	20	14	0	0	0	0	0	0	0	0	0	-	-	-	-	-	-	
		Somerset Forest ...	9-9	140	17.3	10.4	13.9	-	20.0	18	7.2	18	-	-	2.49	-	.63	15	17	11	0	0	0	0	0	0	0	0	-	-	-	-	-	-	-	
		Garvagh Forest ...	9-9	290	17.1	9.6	13.3	-	20.0	18, 21	6.1	3, 4, 27	-	-	2.83	-	.66	29	20	13	0	0	0	0	0	0	0	0	0	-	-	-	-	-	-	
	Moneydig ...	21-9	112	17.4	9.8	13.6	-0.9	20.4	18	5.4	9	16.9	-	2.57	66	.43	15	19	15	0	1	0	0	0	0	0	0	-	-	-	-	-	-	-		
	Portrush ...	-	80	-	-	-	-	-	-	-	-	-	-	2.79	85	.53	25	15	12	-	-	-	-	-	-	-	-	5.25	-	-	-	-	-	-		
	Ballymoney ...	9-9	180	17.2	10.2	13.7	-	20.6	18	6.7	27	-	-	2.87	-	.35	9	21	16	0	-	0	0	0	0	0	-	-	-	-	-	-	-	-		
	Lisnafillan ...	9-9	124	17.5	9.3	13.4	-	21.1	20, 21	3.9	27	-	-	2.35	-	.31	9	20	15	0	0	0	0	0	0	0	0	0	5.55	-	-	-	-	-	-	
	Aldergrove ...	21-9	225	17.7	10.3	14.0	-0.7	22.8	21	4.3	27	15.9	12.5	2.10	60	.41	10	18	12	0	0	0	0	0	0	1	0	5.29	120	-	-	-	-	-	-	
Antrim	Greenmount ...	9-9	105	18.2	10.1	14.1	-	23.3	21	4.4	27	16.9	-	2.10	-	.29	10	18	11	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-		
	Altnahinch ...	9-9	742	15.4	8.9	12.1	-	21.7	20	5.0	27	-	-	3.59	-	.45	9	22	17	0	0	0	0	0	6	0	0	0	4.83	-	-	-	-	-	-	
	Parkmore Forest ...	9-9	770	15.8	8.8	12.3	-	22.2	21	5.0	3	14.1	-	3.56	-	.75	13	20	15	0	0	0	0	0	0	0	0	-	-	-	-	-	-	-		
	Black Mountain ...	21-9	969	15.9	8.8	12.9	-	22.6	21	5.1	31	-	-	2.63	-	.55	10	16	15	0	-	0	0	0	3	0	-	-	-	-	-	-	-	-		
	Lowtown ...	9-9	890	16.0	8.7	12.3	-	22.2	21	4.4	27	13.7	-	1.81	-	.21	10	19	15	0	0	0	0	0	2	0	0	0	6.22	-	-	-	-	-	-	
	Ballypatrick Forest ...	9-9	500	15.7	9.1	12.4	-	20.6	20	6.1	18	-	-	1.78	-	.26	5	18	13	0	0	0	0	0	0	0	0	0	5.37	-	-	-	-	-	-	
	Newtownabbey ...	9-9	105	18.4	11.4	14.9	-	25.6	21	8.3	27	16.9	-	1.31	-	.38	10	15	11	0	0	0	0	0	0	0	0	0	6.51	-	-	-	-	-	-	
	Larne ...	9-9	140	18.9	10.1	14.5	-	25.0	21	6.7	18	-	-</																							

TABLE IV

—SUMMARY OF OBSERVATIONS AT FIXED HOURS

JULY,

1966

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (ft.)		Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Yards and Miles)							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	0-44 yds.	45-210 yds.	220-430 yds.	440-1,090 yds.	1,100-2,190 yds.	2,200-4,390 yds.	3-6 mi.	7-12 mi.	13-24 mi.	25 or over mi.	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	
																										SPEED IN KNOTS													
																										3 or more	4-7	8-11	12-16	17-21									
																										34 or more	22-31	11-21	1-10	0									
Number of Observations																																							
0 SCOTLAND, N.																																							
Zetland Lerwick 273 ft.	3	1010.2	-	9.4	0.4	11.2	94	6.3	0	3	6	13	8	1	0	1	0	0	1	0	3	2	10	14	0	2	11	17	1	2	1	0	0	1	10	8	8		
	9	1010.2	-0.5	11.7	1.3	11.6	85	6.4	0	3	3	17	8	0	0	0	0	0	1	1	3	3	9	14	0	2	17	12	0	4	4	2	1	2	6	7	5		
	15	1010.3	-	12.4	1.4	12.0	84	6.6	0	1	5	16	9	0	0	0	0	0	0	4	4	4	10	13	0	1	23	7	0	2	2	1	0	12	7	7			
	21	1010.5	-	10.4	0.6	11.6	93	6.3	0	2	5	15	7	2	0	2	0	0	0	1	4	4	12	11	0	1	13	17	0	3	1	0	2	9	6	10			
Orkney Kirkwall 86 ft.	3	1011.5	-	10.1	0.5	11.6	93	6.2	0	3	5	11	12	0	0	0	0	0	0	5	4	13	9	0	2	11	17	1	4	1	0	0	6	4	13	2			
	9	1011.6	+0.8	12.6	1.5	12.1	83	6.0	0	3	6	19	3	0	0	0	0	0	0	1	4	11	15	0	4	15	12	0	6	1	0	0	4	3	12	5			
	15	1012.0	-	13.8	2.3	11.8	75	6.1	0	2	6	19	4	0	0	0	0	0	0	2	1	8	20	0	0	21	10	0	8	0	0	0	1	4	11	7			
	21	1012.1	-	11.3	0.9	11.9	88	5.9	0	4	6	13	8	0	0	0	0	0	0	3	2	10	16	0	1	7	21	2	1	1	0	0	2	6	12	7			
Caithness Wick 121 ft.	3	1011.8	-	9.7	0.4	11.5	95	6.6	0	1	4	16	10	0	0	0	0	0	0	4	9	11	7	0	1	6	24	0	2	0	0	3	7	12	7				
	9	1011.9	+0.8	13.0	1.3	12.3	85	6.4	0	1	6	20	4	0	0	0	0	1	0	0	3	7	20	0	0	15	16	0	4	0	0	0	0	0	0	0			
	15	1012.0	-	14.0	1.8	12.3	80	6.3	0	1	1	19	7	0	0	0	0	0	0	1	2	8	20	0	0	18	13	0	4	0	0	0	0	0	0	0			
	21	1012.4	-	11.1	0.8	12.0	91	5.6	0	5	6	15	4	1	0	0	1	0	0	1	1	8	21	0	0	9	22	0	1	2	1	0	2	3	7	15			
Sutherland Cape Wrath* 371 ft.	3	1011.5	-	10.7	0.5	12.1	93	6.8	0	0	6	11	11	3	0	3	0	0	0	1	4	7	15	0	3	14	13	1	2	1	1	0	0	16	6	4			
	9	1012.0	-	11.2	0.7	12.1	91	7.1	0	0	3	12	11	5	0	5	0	0	0	0	0	3	6	17	0	1	17	12	1	1	3	1	0	0	15	3	7		
	15	1012.4	-	12.0	0.9	12.5	89	6.7	0	0	7	8	13	3	0	3	0	0	0	2	3	2	21	0	4	13	14	0	2	4	1	0	0	15	5	4			
	21	1012.4	-	11.1	0.6	12.2	92	6.8	0	0	5	11	13	2	0	1	0	0	0	3	3	1	23	0	3	16	12	0	0	4	2	0	0	15	4	6			
Ross & Cromarty Stornoway 16 ft.	3	1013.0	-	10.4	0.3	12.2	96	6.3	0	2	7	15	7	0	0	0	0	0	0	4	8	14	5	0	0	5	22	4	5	0	0	0	4	8	8	2			
	9	1013.2	+2.0	13.5	1.7	12.5	81	6.5	0	1	4	19	7	0	0	0	0	0	0	3	4	11	13	0	0	12	18	1	5	2	0	1	6	6	6	4			
	15	1013.4	-	14.2	2.1	12.5	77	6.5	0	2	4	17	8	0	0	0	0	0	0	0	4	14	13	0	0	20	11	0	2	4	0	3	4	6	5	7			
	21	1013.6	-	11.7	0.9	12.3	89	6.0	0	4	4	19	4	0	0	0	0	0	0	1	3	17	10	0	1	7	22	1	4	1	0	0	8	2	9	6			
Inverness Benbecula 21 ft.	3	1013.5	-	11.8	0.9	12.4	89	6.5	0	2	6	11	12	0	0	0	0	0	0	7	3	8	13	0	0	18	13	0	6	1	1	0	4	5	8	6			
	9	1013.8	+2.5	13.4	1.5	12.8	83	6.6	0	4	2	16	9	0	0	0	0	0	2	1	6	6	16	0	0	22	9	0	3	2	0	5	8	6	7				
	15	1014.1	-	14.3	1.9	12.9	79	6.0	0	4	6	14	7	0	0	0	0	0	2	3	7	17	0	2	23	6	0	3	2	0	4	4	12	6	7				
	21	1014.0	-	12.2	1.1	12.3	86	5.8	0	5	5	15	6	0	0	0	0	0	3	3	4	5	16	0	1	16	14	0	7	2	0	5	4	7	6				
1 SCOTLAND, E.																																							
Moray Kinloss 19 ft.	3	1012.7	-	10.3	0.8	11.2	89	6.3	0	2	5	18	6	0	0	0	0	0	0	2	1	5	23	0	1	7	23	0	1	1	0	0	2	22	4	1			
	9	1012.8	+1.5	14.1	2.2	12.3	76	5.9	0	4	4	18	5	0	0	0	0	0	0	2	2	6	21	0	1	17	11	2	5	0	0	0	0	8	15	1			
	15	1012.7	-	15.8	3.1	12.4	69	6.2	0	2	5	18	6	0	0	0	0	0	0	2	1	5	23	0	1	16	14	0	7	3	1	0	0	6	12	2			
	21	1013.2	-	12.6	1.5	12.1	82	6.3	0	2	2	25	2	0	0	0	0	0	0	1	4	1	25	0	1	9	21	0	0	1	4	0	0	7	9	10			
Aberdeen Dyce 193 ft.	3	1012.3	-	9.6	0.9	10.6	88	5.4	0	7	4	15	5	0	0	0	0	0	0	4	8	6	13	0	0	4	23	4	1	0	0	0	4	2	10	10			
	9	1012.2	+0.5	14.2	2.6	11.6	72	5.8	0	4	5	18	4	0	0	0	0	0	0	6	5	20	0	0	12	16	3	5	0	0	3	5	3	12					
	15	1012.1	-	15.7	3.4	11.7	66	6.2	0	3	3	20	5	0	0	0	0	0	0	2	3	11	15	0	0	14	17	0	10	2	5	3	3	2	6	8			
	21	1012.6	-	11.9	1.3	11.8	84	6.0	0	3	6	17	5	0	0	0	0	0	0	2	2	9	10	8	0	0	5	20	6	6	0	0	2	3	6	8			
Rattray Head* 108 ft.	3	1012.5	-	10.6	1.1	11.1	86	5.6	0	1	11	18	1	0	0	0	0	0	1	0	29	1	0	0	11	20	0	4	0	0	0	8	1	17	1				
	9	1012.8	+1.2	13.2	1.8	12.0	79	5.2	0	2	13	14	1	0	1	0	0	0	2	11	17	0	0	0	18	12	1	5	0	1	1	4	1	9	9				
	15	1012.7	-	14.2	2.4	12.0	74	5.1	0	3	13	15	0	0	0	0	0	0	0	13	18	0	0	1	17	13	0	6	1	3	3	2	7	7					
	21	1012.7	-	12.1	1.4	11.8	83	5.5	0	1	10	19	1	0	0	0	0	0	1	0	25	5	0	0	11	16	3	8	0	1	0	5	1	8	5				
Angus Usan 114 ft.	3	1012.5	-	10.5	1.0	11.1	87	5.3	0	9	2	14	6	0	0	0	0	0	0	1	1	1	29	0	0	2	28	1	6	0	0	1	9	8	6				
	9	1012.4	-	14.2	2.2	12.3	76	5.4	0	5	8	15	3	0	0	0	0	0	0	1	1	0	29	0	0	9	20	2	3	3	2	1	3	7	8	2			
	15	1012.3	-	15.4	2.7	12.6	73	5.9	0	4	4	19	4	0	0	0	0	0	0	0	0	0	31	0	0	14	17	0	4	1	4	0	7	5	10	0			
	21	1012.7	-	12.7	1.5	12.1	82	5.2	0	6	7	14	4	0	0	0	0	0	0	0	1	3	27	0	0	5	25	1	9	0	1	0	1	4	12	3			
Fife Leuchars 38 ft.	3	1012.8	-	10.0	0.8	11.1	90	6.1	0	4	3	16	7	1	0	1	0	0	0	3	6	11	10	0	0	7	20	4	2	1	0	1	18	4	1				
	9	1012.8	+0.9	14.6	2.7	11.9	71	5.4	0	6	6	14	5	0	0	0	0	0	0	2	14	15	0	0	16	15	0	3	3	2	1	1	7	12	2				
	15	1012.5	-	17.2	3.9	12.2	63	5.6	0	4	7	18	2	0	0	0	0	0	0	0	0	10	21	0	1	18	12	0	2	0	7	0	2	8	11	1			
	21	1012.9	-	12.8	1.4	12.3	83	5.4	0	4	8	16	3	0	0	0	0	0	0	3	11	17	0	0	8	21	2	4	2	3	1	1	13	4	1				
Midlothian Turnhouse 144 ft.	3	1013.8	-	10.4	0.8	11.4	90	6.0	0	2	2	18	9	0	0	0	1	0	0	3																			

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS JULY, 1966

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (ft.)	Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Yards and Miles)							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	0-44 yds.	45-210 yds.	220-430 yds.	440-1,000 yds.	1,100-2,190 yds.	2,200-4,390 yds.	3-6 mi.	7-12 mi.	13-24 mi.	25 or over mi.	BEAUFORT FORCE					SPEED IN KNOTS															
																									8 or more	6, 7	4, 5	1-3	Calm	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.								
																																						Number of Observations							
																																						34 or more	22-33	11-21	1-10	0			
2 ENGLAND, N.E.																																													
Northumberland Acklington 151 ft.	3	1013.6		10.5	0.7	11.7	91	6.1	0	3	6	15	7	0	0	0	0	0	0	1	2	11	12	5	0	0	5	24	2	6	0	0	0	1	8	9	5								
	9	1013.5	+1.0	14.2	2.2	12.3	76	6.3	0	1	6	19	5	0	0	0	0	0	0	0	3	6	6	16	0	0	9	21	1	10	1	0	0	1	2	5									
	15	1013.2		15.8	2.8	12.9	72	5.9	0	4	3	22	2	0	0	0	0	0	0	0	3	4	9	15	0	0	15	15	1	7	5	2	5	3	2										
	21	1013.3		12.4	1.0	12.7	88	5.6	0	5	4	18	4	0	0	0	0	0	0	0	4	11	11	5	0	0	5	23	3	7	0	0	1	11	5	3									
	3	1014.0	+1.0	14.0	2.1	12.4	78	5.7	0	1	13	9	8	0	0	0	0	0	0	0	1	5	7	18	0	0	2	16	10	3	10	0	0	2	1	13	1								
Tynemouth 130 ft.	9	1013.6		15.1	2.4	12.8	75	5.5	0	3	10	14	4	0	0	0	0	0	0	1	2	11	17	0	0	1	15	15	0	7	4	3	3	4	1	8	1								
	15	1013.8		13.8	1.8	12.7	84	5.7	1	2	7	13	8	0	0	0	0	0	0	1	1	8	14	7	0	0	3	9	14	5	8	2	0	0	0	12	0								
	21	1013.8		11.4	1.5	11.2	83	5.9	0	2	9	10	10	0	0	0	0	0	0	0	3	9	18	1	0	1	6	21	3	9	0	0	0	1	3	14	1								
	3	1013.5		13.6	2.3	11.9	77	5.9	0	3	6	15	7	0	0	0	0	0	0	1	5	2	9	14	0	0	6	23	2	11	1	1	0	0	2	13	1								
	9	1013.3		15.1	2.7	12.8	75	5.7	0	5	4	17	5	0	0	0	0	0	0	0	5	2	11	13	0	0	8	22	1	11	2	6	1	3	1	6	0								
Seahouses 41 ft.	15	1013.5		13.1	1.8	12.1	80	5.7	0	4	8	13	6	0	0	0	0	0	0	0	6	5	15	5	0	0	4	21	6	1	0	0	0	3	4	11	0								
	21	1013.5		12.0	1.2	12.1	86	6.3	0	4	3	14	10	0	0	0	0	0	0	2	5	7	12	5	0	0	4	20	7	6	0	0	2	2	3	6	5								
	3	1014.2		15.0	2.5	12.6	74	6.4	0	2	5	17	7	0	0	0	0	0	0	1	5	4	13	0	0	0	12	16	3	8	1	0	0	4	4	7	4								
	9	1014.1		17.4	3.8	12.6	64	5.7	0	4	7	15	5	0	0	0	0	0	0	4	9	6	12	0	1	14	16	0	5	5	1	0	3	4	8	5									
	15	1013.5		14.0	1.9	12.6	79	5.8	0	5	2	18	6	0	0	0	0	0	0	1	10	6	7	7	0	0	6	22	3	8	1	0	0	3	3	10	3								
Whitby Coastguard 210 ft.	21	1014.2		13.8	1.8	12.6	80	6.4	0	2	4	18	7	0	0	0	0	0	0	2	5	7	16	1	0	2	15	14	0	6	0	1	2	3	6	13									
	3	1013.9		14.6	1.9	13.1	79	6.1	0	2	8	15	6	0	0	0	0	0	0	0	3	15	9	3	0	0	2	15	11	3	5	1	6	2	1	3	4	6							
	9	1013.9		13.7	1.8	12.7	82	6.2	0	4	4	13	10	0	0	0	0	0	0	0	3	20	8	0	0	0	10	18	3	5	1	0	1	6	7	3	5								
	15	1014.1		11.8	0.8	12.5	90	6.4	0	1	6	15	9	0	0	0	0	0	0	2	7	11	6	5	0	0	5	23	3	5	0	0	0	1	8	9	4								
	21	1014.2	+0.8	15.1	2.2	13.3	77	6.2	0	1	8	16	6	0	0	0	0	0	0	0	3	11	6	11	0	0	3	11	15	2	9	0	0	0	4	5	7	0							
Yorks, E. Riding Leconfield 28 ft.	3	1013.8		16.8	3.2	13.2	69	6.1	0	2	4	22	3	0	0	0	0	0	0	0	3	11	6	12	0	0	1	14	16	0	9	5	1	1	3	5	7	0							
	9	1014.2		13.3	1.3	13.0	85	5.5	0	7	5	9	10	0	0	0	0	0	0	2	6	10	7	6	0	0	1	4	24	2	5	0	1	3	4	10	3								
	15	1014.0		12.4	0.9	13.0	90	5.8	0	1	13	9	8	0	0	0	0	0	0	0	2	29	0	0	0	0	6	14	10	1	9	0	0	1	0	16	4								
	21	1014.4	+0.5	14.8	1.7	13.7	82	6.2	0	1	6	16	8	0	0	0	0	0	0	1	2	28	0	0	1	3	16	10	1	11	1	0	1	2	11	3									
	3	1014.1		15.8	2.2	13.8	77	6.0	1	0	11	11	8	0	0	0	0	0	0	0	5	26	0	0	1	4	19	5	2	9	2	3	0	1	8	0									
Kilnsea 51 ft.	9	1014.0		13.7	1.0	13.8	88	5.9	1	2	8	5	15	0	0	0	0	0	0	0	5	25	0	0	1	2	10	16	2	9	0	0	2	1	6	7	4								
	15	1014.5		11.5	0.7	12.4	91	5.8	0	2	10	12	7	0	0	0	0	0	0	1	3	12	4	1	0	1	3	26	1	7	0	1	0	2	10	6	3								
	21	1014.7	+0.4	14.8	1.9	13.4	79	6.4	0	0	8	17	6	0	0	0	0	0	0	0	5	12	11	3	0	0	1	14	14	2	11	0	0	0	3	6	3								
	3	1014.4		17.2	3.1	13.7	70	6.2	0	2	5	19	5	0	0	0	0	0	0	0	4	5	17	5	0	1	10	20	0	9	3	0	0	1	5	12	1								
	9	1014.4		13.7	1.4	13.3	85	5.4	0	8	4	10	9	0	0	0	0	0	0	4	7	8	8	4	0	0	5	26	0	7	0	3	2	4	6	3									
Lincoln Waddington 227 ft.	15	1014.1		11.3	0.8	12.2	91	6.5	0	2	4	17	8	0	0	0	0	0	0	0	1	21	5	4	0	0	1	8	22	0	7	0	1	0	2	9	8	4							
	21	1014.4		14.3	1.9	12.9	79	6.5	0	0	4	24	3	0	0	0	0	0	0	1	16	3	3	0	0	1	17	13	0	9	2	0	0	2	7	8	3								
	3	1014.1		16.5	3.2	12.9	69	6.3	0	2	5	20	4	0	0	0	0	0	0	0	6	10	8	7	0	0	1	15	14	1	9	2	2	0	2	5	10	0							
	9	1014.2		12.8	1.2	12.6	85	5.7	0	6	6	10	9	0	0	0	0	0	0	1	3	17	5	2	0	1	6	22	2	6	2	2	0	4	6	8	1								
	15	1013.8		11.5	0.6	12.7	93	5.8	0	4	7	12	8	0	0	0	0	0	0	1	15	10	5	0	0	0	8	21	2	6	0	1	0	1	5	12	4								
Manby 47 ft.	21	1014.2	+0.1	15.6	2.1	13.9	78	6.5	0	0	5	21	5	0	0	0	0	0	0	1	7	12	8	3	0	1	16	13	1	9	1	0	0	2	5	7	6								
	3	1013.8		17.2	2.9	14.1	72	6.3	0	1	6	17	7	0	0	0	0	0	0	0	3	11	13	4	0	1	18	12	0	9	1	2	2	1	14	1	1								
	9	1014.0		13.0	0.8	13.6	90	5.1	0	8	6	10	7	0	0	0	0	0	0	0	10	16	4	1	0	0	5	23	3	6	0	1	5	5	8	3	3								
	15	1014.0		11.6	0.7	12.7	92	4.8	2	8	6	6	9	0	0	0	0	0	0	0	5	13	9	4	0	0	0	4	21	6	7	1	0	1	2	4	7	3							
	21	1014.6	-0.1	15.6	2.2	13.7	77	6.5	0	0	7	15	9	0	0	0	0	0	0	0	0	11	13	5	2	0	0	12	18	1	9	1	0	0	2	7	8	3							
Norfolk Marham 79 ft.	3	1014.2		17.4	3.1	13.9	70	6.4	0	1	6	16	8	0	0	0	0	0	0	0	1	3	8	14	5	0	0	12	18	1	10	2	1	0	1	4	11	1							
	9	1014.3		14.1	1.3	13.8	86	5.8	0	5	5	13	8	0	0	0	0	0	0	0	1	4	17	9	0	0	0	5	22	4	6	2	0	0	2	2	5	7	3						
	15	1014.0		11.5	0.6	12.7	93	5.6	1	5	5	9	11	0	0	0	0	0	0																										

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

JULY,

1966

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (ft.)		Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Yards and Miles)							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	0-44 yds.	45-210 yds.	220-430 yds.	440-1,080 yds.	1,100-2,100 yds.	2,200-4,300 yds.	3-6 mi.	7-12 mi.	13-24 mi.	25 or over mi.	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS

JULY,

1966

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (ft.)	Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Yards and Miles)							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	0-44 yds.	45-210 yds.	230-430 yds.	440-1,000 yds.	1,100-2,190 yds.	2,200-4,390 yds.	3-6 mi.	7-12 mi.	13-24 mi.	25 or over mi.	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	
																									SPEED IN KNOTS													
																									8 or more	6-7	4-5	3-2	Calm									
																									27/33	11-21	1-10	0										
Number of Observations																																						
7a ENGLAND, N.W. Cumberland Carlisle 92 ft.	3	1014.5	-	11.1	0.7	12.0	91	5.8	1	5	3	15	6	1	0	0	0	1	0	1	1	16	10	2	0	0	3	18	10	1	4	0	2	1	8	5	0	
	9	1014.5	-	14.4	2.1	12.6	77	5.7	0	5	4	16	6	0	0	0	0	0	0	0	3	6	13	9	0	0	0	6	21	4	1	3	2	0	0	6	13	2
	15	1014.0	-	17.1	3.6	12.7	66	5.7	1	2	8	12	8	0	0	0	0	0	0	0	1	5	10	15	0	0	0	17	11	3	1	3	2	0	0	8	10	4
	21	1014.5	-	13.9	1.6	13.1	83	5.8	0	3	9	13	6	0	0	0	0	0	0	1	1	11	10	8	0	0	0	3	21	7	0	5	1	0	0	12	5	1
	21	1014.5	-	6.5	0.2	9.4	97	6.9	3	0	2	1	24	5	19	0	0	0	0	0	0	0	1	6	0	0	0	3	21	7	0	2	6	0	1	7	10	4
Westmorland Great Dun Fell —	9	-	-	8.1	0.5	10.0	93	6.4	3	0	4	6	2	16	2	13	0	0	1	0	0	3	10	2	0	0	9	14	8	0	2	6	0	0	2	7	11	3
	15	-	-	10.2	1.7	9.8	81	5.8	2	3	7	7	5	7	2	5	0	0	0	0	0	2	3	14	5	0	0	17	5	0	1	7	0	0	0	9	12	2
	21	-	-	7.7	0.4	10.0	94	6.4	4	0	2	7	2	16	4	12	0	1	0	0	0	2	9	3	0	0	4	20	5	2	2	7	0	0	1	8	10	1
	3	1014.6	+1.0	13.2	1.2	13.2	87	6.1	1	2	4	15	9	0	0	0	0	0	0	0	5	11	12	3	0	2	14	14	1	5	3	1	2	0	3	7	9	
	9	1014.9	-	15.1	2.0	13.6	79	6.2	0	4	2	16	9	0	0	0	0	0	0	0	5	9	13	4	0	1	16	13	1	3	4	1	0	2	2	8	10	
Lancashire Squires Gate 35 ft.	3	1014.7	-	16.6	2.7	13.7	73	5.1	0	5	9	11	6	0	0	0	0	0	0	0	2	3	15	11	0	1	25	5	0	1	2	0	0	1	1	15	11	
	9	1014.7	-	14.6	1.8	13.4	81	5.8	1	3	5	17	5	0	0	0	0	0	0	2	3	12	11	3	0	0	16	15	0	3	4	3	1	0	1	10	9	
	15	1015.1	-	13.3	1.3	13.0	85	6.0	0	4	3	18	6	0	0	0	0	0	0	2	6	13	8	2	0	0	5	23	3	4	1	0	1	4	2	6	10	
	21	1015.2	-	15.5	2.3	13.4	76	6.5	0	4	3	18	6	0	0	0	0	0	0	2	9	7	11	2	0	0	12	16	3	3	2	0	1	2	3	11	6	
	21	1015.0	-	17.6	3.7	13.1	66	5.5	0	4	9	14	4	0	0	0	0	0	0	0	3	10	14	4	0	1	19	11	0	2	3	0	0	2	1	9	14	
Speke 85 ft.	3	1015.0	-	15.2	2.2	13.2	76	5.7	1	3	7	15	5	0	0	0	0	0	0	2	9	14	6	0	0	0	6	24	1	4	3	0	0	1	2	9	11	
	9	1015.0	-	12.3	1.3	12.1	84	6.1	0	5	1	17	8	0	0	0	0	1	1	4	10	14	1	0	0	0	3	22	6	5	2	0	0	7	6	3	2	
	15	1015.1	+1.1	14.6	2.3	12.5	75	6.5	0	3	2	20	6	0	0	0	0	0	0	4	13	10	4	0	0	0	9	22	0	5	1	2	0	6	3	9	5	
	21	1014.6	-	16.8	3.9	11.8	82	6.0	0	3	6	14	8	0	0	0	0	0	0	0	7	13	10	1	0	0	17	13	1	3	4	0	0	2	1	15	5	
	21	1014.9	-	14.4	2.3	12.3	76	5.5	0	5	5	16	5	0	0	0	0	0	1	3	10	14	3	0	0	0	4	22	5	6	2	0	0	3	4	6	5	
7b NORTH WALES Anglesey Valley 37 ft.	3	1015.6	-	12.8	0.6	13.7	93	5.8	2	2	6	13	8	0	0	0	0	0	0	0	3	9	7	12	0	0	13	16	2	5	0	0	0	4	7	4	9	
	9	1016.0	+1.9	14.9	1.7	13.8	82	6.2	0	3	4	18	6	0	0	0	0	0	0	1	3	6	15	6	0	4	19	8	0	7	2	0	0	2	8	8	4	
	15	1015.7	-	16.7	2.7	13.9	74	5.1	0	7	9	10	5	0	0	0	0	0	1	1	2	7	18	0	0	1	19	11	0	4	1	0	0	3	9	7	7	
	21	1015.5	-	13.8	1.0	14.0	89	6.1	0	4	4	17	6	0	0	0	0	0	0	1	1	7	13	9	0	0	0	15	14	2	9	1	0	0	6	3	5	5
	21	1015.5	-	13.8	1.0	14.0	89	6.1	0	4	4	17	6	0	0	0	0	0	0	1	1	7	13	9	0	0	0	15	14	2	9	1	0	0	6	3	5	5
Caernarvon Bardsey Island 63 ft.	3	1016.3	-	13.2	0.6	14.2	93	5.4	3	8	4	13	0	0	0	0	0	0	1	0	11	18	1	0	0	7	10	9	5	8	0	0	0	1	3	8	6	
	9	1016.6	-	13.9	0.9	14.2	89	5.9	1	4	4	9	12	1	0	0	1	0	0	0	3	22	5	0	4	21	3	3	6	0	0	0	2	3	8	9		
	15	1016.4	-	15.3	1.4	14.7	85	4.7	1	3	15	5	7	0	0	0	0	0	0	3	14	11	0	0	4	11	16	0	7	0	0	1	2	9	6	6		
	21	1016.0	-	13.7	0.7	14.4	91	5.7	1	4	4	12	10	0	0	0	0	0	0	0	8	16	7	0	1	14	15	1	7	0	0	1	5	3	8	6		
	21	1016.0	-	13.7	0.7	14.4	91	5.7	1	4	4	12	10	0	0	0	0	0	0	0	8	16	7	0	1	14	15	1	7	0	0	1	5	3	8	6		
8a SOUTH WALES Cardigan Aberporth 439 ft.	3	1016.3	-	12.6	0.8	13.2	89	5.5	2	6	3	13	7	0	0	0	0	0	0	3	9	7	12	0	0	13	16	2	5	0	0	0	4	7	4	9		
	9	1016.5	+1.7	14.1	1.3	13.7	85	6.4	0	4	1	18	8	0	0	0	0	0	0	3	2	8	12	6	0	0	14	17	0	0	0	0	0	2	3	8	8	
	15	1016.3	-	14.8	1.7	13.7	81	5.7	0	5	7	14	5	0	0	0	1	0	1	0	5	4	11	9	0	0	15	16	0	5	1	0	0	2	1	12	10	
	21	1016.0	-	13.5	1.0	13.7	88	6.1	3	8	13	6	0	0	0	0	0	0	1	2	8	8	12	0	0	0	13	15	3	5	0	2	0	0	7	9	5	
	21	1016.0	-	13.5	1.0	13.7	88	6.1	3	8	7	10	0	0	0	0	0	0	1	5	15	10	0	0	0	0	10	18	5	8	0	0	0	4	6	8		
Pembroke Milford Haven C.B. 128 ft.	3	1016.9	-	13.5	0.5	14.1	91	5.1	3	3	8	7	10	0	0	0	0	0	1	5	15	10	0	0	0	0	15	14	2	9	0	0	0	1	4	9	6	
	9	1017.2	-	15.4	1.7	14.4	82	5.8	2	2	5	16	7	0	0	0	0	0	1	5	10	15	0	0	0	0	15	14	2	9	0	0	0	1	4	9	6	
	15	1013.8	-	17.0	2.5	14.0	78	5.2	3	1	13	6	8	0	0	0	0	0	0	4	8	15	0	0	0	0	17	14	0	7	0	0	0	1	7	10	6	
	21	1016.3	-	14.5	1.3	14.3	87	5.7	1	1	10	12	7	0	0	0	0	0	1	5	16	9	0	1	0	8	21	1	8	0	0	0	0	2	14	6		
	21	1016.2	-	13.6	1.1	13.7	88	4.9	1	6	9	8	7	0	0	0	0	1	0	3	14	11	2	0	2	11	16	2	9	0	1	0	0	5	9	5		
Glamorgan Mumbles 123 ft.	3	1016.5	-	15.5	1.9	14.1	80	6.1	2	1	5	16	8	0	0	0	0	1	1	6	16	6	1	0	2	13	16	0	5	3	0	0	1	7	6	9		
	9	1016.0	-	16.9	2.9	13.8	72	5.4	0</																													

TABLE VIII—NUMBER OF DAYS IN JULY 1966
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	27	4	0	0	0	0	0	0	0	24	7	0	Edgbaston	.. ..	0	0	0	3	19	9	0	0	0	0	0	0	0	4	27	0		
Stornoway	0	0	0	8	23	0	0	0	0	0	0	0	1	15	15	0	Kew	.. ..	0	0	0	0	17	13	1	0	0	0	0	0	0	4	23	4	
Craibstone	0	0	0	10	17	4	0	0	0	0	0	0	0	28	3	0	Hastings	.. ..	0	0	0	1	26	4	0	0	0	0	0	0	0	3	25	3	
Rothsay	0	0	0	3	25	3	0	0	0	0	0	0	0	14	17	0	Southampton	.. ..	0	0	0	0	15	14	2	0	0	0	0	0	0	5	26	0	
Abbotsinch	0	0	0	1	26	4	0	0	0	0	0	0	0	17	14	-	Stonyhurst	.. ..	0	0	0	6	20	5	0	0	0	0	0	0	0	12	19	0	
Eskdalemuir	0	0	0	3	23	5	0	0	0	0	0	0	5	18	8	0	Bidston	.. ..	0	0	0	1	28	2	0	0	0	0	0	0	0	1	30	0	
Douglas	0	0	0	5	23	3	0	0	0	0	0	0	0	11	20	0	Valley	.. ..	0	0	0	2	25	4	0	0	0	0	0	0	0	2	29	0	
Cockle Park	0	0	0	4	24	3	0	0	0	0	0	0	0	20	11	0	Falmouth	.. ..	0	0	0	0	25	6	0	0	0	0	0	0	0	1	29	0	
Gorleston	0	0	0	1	25	5	0	0	0	0	0	0	0	6	24	1	Aldergrove	.. ..	0	0	0	0	28	3	0	0	0	0	0	0	1	9	21	0	
Cambridge	0	0	0	1	18	12	0	0	0	0	0	0	0	11	20	0	Armagh	.. ..	0	0	0	0	24	7	0	0	0	0	0	0	1	14	16	0	

TABLE XIII—SOLAR RADIATION AND ILLUMINATION, JULY, 1966

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	658	24	136	29	434.7	31	358	15	135	29	287.3	31	775	24	165	29	517.3	31
Eskdalemuir	813	19	183	26	461.7	31	393	1	99	19	240.9	31	935	19	(206)	26	543.8	31
Cambridge	712	23	79	19	429.0	31	363	5	76	19	270.4	31	-	-	-	-	-	-
London (High Holborn) ..	750	23	45	19	385.5	31	290	31	42	19	227.1	31	831	23	63	19	444.5	31
Kew	734	23	53	19	402.2	31	339	6	51	19	247.2	31	849	23	69	19	469.9	31
Bracknell (Easthampstead) ..	751	23	35	19	403.8	31	338	13	35	19	254.2	31	827	23	46	19	445.9	31
Aberporth	825	18	159	10	530.6	31	424	7	135	21	279.5	30	-	-	-	-	-	-

TABLE III—ADDITIONS AND CORRECTIONS

YEAR	MONTH	STATION	Max. Terminal hr. GMT Min. 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		Mean Temperatures (Mean of A & B)	Difference from Average a	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (inches)	Per cent of Average	Most in a DAY		Precip'n -0.1in (0.2mm) or more -0.4in (1.0mm) or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost†	Grass min. below °C	Gale	Daily Mean (hr.)	Per cent of Average a	Exposure	
					A Max.	B Min.			Maximum	Date	Minimum	Date	Amount (inches)	Date																		
1966	January	Kirkwall			4.2	-0.2	2.0	-	9.4	2,3,25	-7.2	15	-	-	5.41	121	(.94)	24	20	12	12	0	0	0	1	14	20	0	-	50	-	-
	February	Ardtnaig			0.7																											
	March	Lowther Hill			8.3	2.8	5.5	-	12.8	7	-1.1	26	-	-	4.46	-	.55	10	26	17	-	2	-	-	-	0	2	7	9	-	-	-
		Dounreay			7.6	3.5	5.5	-0.2	10.6	1	-2.2	25	-	-	6.25	193	.92	5	29	26	10	0	0	0	0	0	3	8	1	2.03	58	-
		Duntulm			7.9	0.9	4.4	-	11.9	1	-4.4	13	-	-	2.59	106	.48	28	18	14	-	10	-	-	-	0	13	21	-	2.60	-	-
		Glenmore Lodge			9.0	2.3	5.7	+0.9	13.3	20	-2.2	25	-	-	1.07	53	.22	27	15	10	7	3	6	0	0	1	6	20	0	4.45	134	-
		Aberdeen			8.9	2.9	5.9	-	12.2	16,18	-1.1	25	-	-	3.56	111	.55	26	26	21	6	1	0	1	0	0	2	15	1	-	-	-
		Ardtnaig																														
		Kirkwall																														
		Edinburgh (R. B. G.)				3.5																										
		Glenlee																														
		Palnure																														
	April	Monks Wood																														
		High Mowthorpe													(.39)	-	(.19)	26														
		Glenmore Lodge			7.3	-0.7	3.3	-	19.0	30	-10.3	14,17	-	-	.98	36	.28	22	14	9	-	4	-	-	-	0	14	20	-	5.34	-	-
		Duntulm			8.4	2.4	5.4	-1.6	14.4	30	-2.2	1	-	-	2.41	71	.32	9	15	12	4	0	0	0	0	0	8	14	4	6.21	137	-
		Buxton													4.68		1.22	1														
		Kirkwall																														
		Clacton																														
		Southend													(2.75)																	
		Cambridge (R. B. G.)																														
	May	Harrogate																														
		Stanstead Abbots																														
		Cleethorpes																														
		Whitby																														
		Ampleforth																														
		Glenmore Lodge			13.4	2.6	8.0	-	23.5	31	-3.5	18	-	-	3.01	111	.78	22	19	15	-	0	-	-	-	0	8	17	-	5.56	-	-
		Aberdeen			13.1	5.2	9.1	-0.1	18.3	31	1.1	28	-	-	2.47	95	.78	11	13	11	4	0	1	0	0	1	0	11	0	6.83	119	-
		Lanark			15.0	5.1	10.1	-	23.9	31	0.0	28	-	-	1.64	-	.27	21	15	10	0	0	0	0	0	0	0	-	2	6.81	-	-
		Nottingham T. C.																														
		Monks Wood																														
	June	Isle of Grain																														
		Sheffield																														
		Skegness													(1.78)		(.45)	17	11	11												
		Redcar													(1.07)		.30	11	11	11												
		Leeming																														
		Morley																														

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Monthly Weather Report

OF THE METEOROLOGICAL OFFICE

Met. O.775

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

Volume 83 Number 8

Published by HER MAJESTY'S STATIONERY OFFICE

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August 1966 — *Cool; heavy rain at times*

Weather was cyclonic in character for the first two weeks but mainly anticyclonic during the remainder of the month apart from short cyclonic interludes on the 20th-21st and the last three days.

The first week was cool and unsettled with depressions crossing the country on a more southerly track than usual. One such depression brought stormy weather, heavy rain and floods to South Wales and south-west England during the early hours of the 1st. Further rain, heavy at times, spread northwards from southern England during the next few days as a complex area of low pressure moved from southern Ireland to the northern North Sea; on the 3rd some places in eastern Scotland recorded more than 2 inches of rainfall. Over most of England there were long sunny periods on the 4th and 5th with scattered showers in a north-westerly airstream, but in eastern Scotland weather continued dull and wet. Rain associated with a depression moving eastwards across southern England on the 6th-7th brought the first week's total of rainfall at many places on the south coast up to their average for the whole of August.

The unsettled weather, with depressions moving across rather than to the north of the country, continued for most of the second week. After a sunny day on the 8th, the 9th-13th was a particularly wet period in northern districts, culminating in thunderstorms with torrential rain; on the 13th over 3 inches was recorded in parts of northern England and southern Scotland and there was extensive flooding. In south-east England, however, rain was mainly slight after the 9th and temperatures rose above average; the night of the 11th/12th was very close (minimum temperature at Kew 18°C) and temperature exceeded 25°C at a number of places on the 13th.

The weather pattern then changed and dry sunny weather spread over the whole country on the 14th and 15th as a ridge of high pressure developed to the west of the British Isles and moved slowly south-eastwards. By the 16th minor troughs in a westerly airstream brought rain to parts of Scotland, but high pressure became established over England and Wales maintaining fine warm weather for several days. Sunshine in many parts of the Midlands and southern England exceeded 10 hours daily from the 14th to the 20th, and afternoon temperatures increased progressively; 28°C was exceeded at a few places on the 19th and 20th.

The fine warm weather over England and Wales broke in violent thunderstorms on the evening of the 20th as a trough of low pressure moved slowly south-east across central and southern England. At Lyncham more than 1.6 inches of rain were recorded in two hours on the 21st.

A week of mainly dry weather began on the 22nd as an anticyclone off north-west Scotland drifted towards Scandinavia and a ridge of high pressure extending southwards from it crossed the British Isles and the North Sea. Most places had long sunny periods especially in the west and north, but with winds northerly at first, later veering to east, temperatures were generally below average, and particularly low at night; air frost was recorded at a number of places in Scotland and Northern Ireland on the night of the 23rd/24th.

Widespread thundery rain and thunderstorms brought the fine weather to an end on the 29th (August Bank Holiday) as low pressure off western Ireland was transferred across the southern part of England; in some places rainfall exceeded 2 inches. Thunderstorms continued in parts of the Midlands and southern England on the 30th and there were floods in many areas. The rain gave place to bright showery weather over most of the country on the last day of the month.

Pressure and Wind — Mean pressure was above the 1931-60 average over Scotland but below the average over most of England and Wales, the deviation at 9h ranging from +3.2 mb in the Hebrides and Orkneys to -1.4 mb at Mount Batten. Surface winds were very variable in direction mainly owing to the passage of small depressions across the country during the first two weeks or to an anticyclone during the third

week. Northerly winds on the 22nd slowly veered to south-east by the 29th. Gales were confined to the first two weeks — on 8 days in England and Wales and 2 days in Scotland. A gust of 62 kt. was recorded at Blackford Hill, Edinburgh on the 10th.

Temperature — Temperatures both day and night were mainly below the 1931-60 average although day temperatures during the third week were above average over most of England and Wales. Nights were mild around the 11th, especially in south-east England, but unusually cold around the 15th and 24th when air frost was reported from parts of Scotland.

Extremes included: (England and Wales) 28.9°C at Camden Square on the 20th, -0.6°C at Alwen on the 24th; (Scotland) 22.8°C at Dinneton on the 18th, Kinlochewe on the 25th and at Sloy on the 30th, -1.7°C at Balmoral, Braemar and Cannich on the 23rd, 24th or 26th; (Northern Ireland) 21.7°C at Tollymore Park on the 19th, -1.1°C at Ballymoney on the 15th.

Rainfall — Over the month as a whole rainfall was above the 1916-50 average over most of England, except some southern and western counties, and over southern and eastern Scotland; it was more than twice the average in parts of Yorkshire, the Midlands and central southern England. Rainfall was below average over most of Wales, Northern Ireland and western Scotland; it was less than half the average in coastal areas of Cardigan, in the extreme north of Antrim and over Scotland west of an approximate line from Bute northwards to Eddrachillis Bay (Sutherland).

Thunder was heard on 12 days in England and Wales, mainly during the first two weeks, and on 5 days in Scotland. Thunderstorms in England and Wales were often accompanied by very heavy rain resulting in damaging floods.

Sunshine — A feature of the month was the sunny weather in northern and western Scotland, excesses of over 70 hours occurring in Tiree and Shetland. In England and Wales most stations were within 20 per cent of the average.

Fog. In Scotland fog was observed at 9hr at one place or another on 8 days. In England and Wales it was reported on about 13 days, more particularly on the 11th, 16th-18th and 26th in central and southern England, but it cleared during the morning.

Miscellaneous Phenomena — The aurora was visible in Scotland on 7 nights.

TABLE I—DISTRICT VALUES, AUGUST, 1966

DISTRICTS	AIR TEMPERATURE					EARTH TEMP.		RAIN DAYS	RAIN-FALL	SUN-SHINE
	*Highest Max.	*Lowest Min.	Max.	Min.	Mean	Mean 1 ft.	Mean 4 ft.			
	Difference from Average									
0 SCOTLAND, N.	20.6	2.6	-0.7	-1.4	-1.0	-	-	-5	76	131
1 SCOTLAND, E.	21.7	2.8	-2.2	-1.1	-1.6	-0.9	-0.7	+2	168	83
2 ENGLAND, N.E.	25.9	5.0	-1.9	-0.7	-1.3	-0.7	-0.6	+3	185	96
3 ENGLAND, E.	27.2	3.9	-1.3	-1.1	-1.2	-0.8	-0.6	+1	130	107
4 MIDLANDS	26.7	4.4	-1.5	-1.0	-1.2	-0.7	-0.5	0	143	100
5 ENGLAND, S.E.	27.8	2.8	-1.1	-1.0	-1.1	-1.1	-0.6	-1	111	100
6 SCOTLAND, W.	20.3	1.1	-1.3	-1.4	-1.3	-1.0	-0.7	-4	79	105
7 ENGLAND, N.W. and N. Wales	25.4	2.2	-0.9	-1.0	-1.0	-0.8	-0.5	-3	115	97
8 ENGLAND, S.W. and S. Wales	26.7	8.3	-1.0	-0.9	-0.9	-0.8	-0.3	-1	111	98
N. IRELAND	21.6	1.3	-0.9	-1.6	-1.2	-	-	-3	69	102
SCOTLAND	21.7	1.1	-1.4	-1.3	-1.3	-	-	-2	97	106
ENG. and WALES	27.8	2.2	-1.3	-0.9	-1.1	-	-	0	128	100

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

FH2A

TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND—

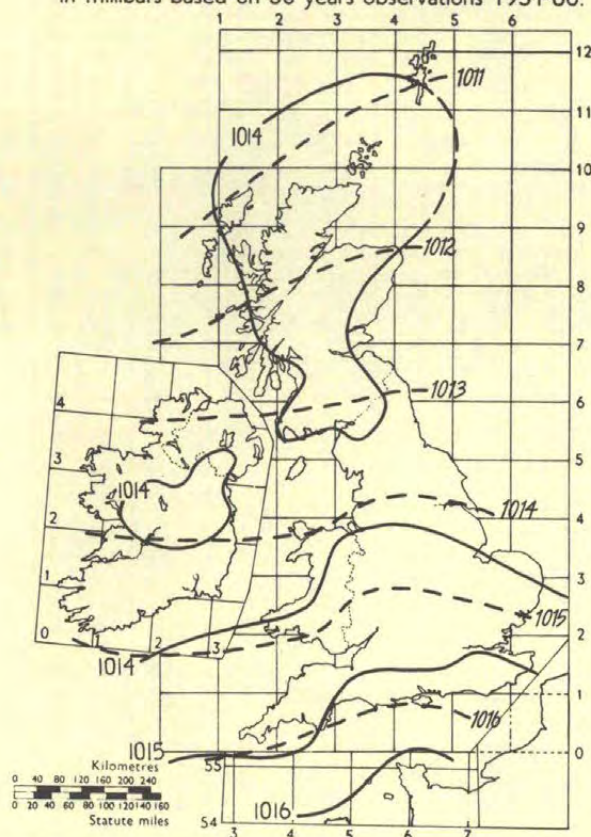
AUGUST, 1966

DISTRICT COUNTY AND PLACE			HEIGHT OF VANE IN FEET			DISTRIBUTION OF MEAN HOURLY 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	Zetland	Lerwick	304	33	33	-	0	5	36	314	359	35	0	10.8	220	30	16	20	230	45	16	1945		
	Orkney	Kirkwall	134	50	33	-	0	3	16	259	399	70	0	9.4	060	28	10	11	060	43	10	1010		
	Caithness	Dounreay	110	39	30	-	0	5	22	523	197	0	2	13.3	070	28	10	09	070	36	10	0815		
	Sutherland	Shin	78	33	33	-	0	0	0	68	364	269	43	5.4	210	19	16	17	210	34	16	1640		
	Ross & Cromarty	Stornoway (C'Guard)	120	40	36	-	0	8	53	308	247	136	0	10.5	200	33	16	07	190	45	16	0300		
		Duirinish	125	65	55	-	0	1	9	150	462	123	0	7.2	200	26	16	15	200	43	16	1415		
	Inverness	Benbecula	52	33	33	-	0	2	15	335	364	30	0	10.6	210	25	16	05	210	36	16	0355		
		Fort Augustus	189	53	53	-	0	0	0	60	321	363	0	4.4	230	18	16	18	230	32	16	1825		
		(N.S.H.E.B)																						
1	Moray	Kinloss	57	41	41	-	0	1	1	225	444	74	0	8.7	230	22	16	15	230	35	16	1435		
		Lossiemouth	101	80	60	-	0	2	3	164	480	92	5	7.8	330	23	4	21	230	36	16	1305		
	Aberdeen	Dyce	234	30	30	-	0	3	19	152	380	193	0	7.6	320	26	4	18	310	41	4	1910		
	Angus	Bell Rock	128	131	124	-	0	0	0	14	310	415	5	3.4	290	13	10	19	290	30	10	1835		
	Perth	Rannoch	1006	56	57	-	0	3	5	263	268	208	0	8.1	280	24	10	17	280	35	10	1615		
		Tummel Bridge	528	53	53	-	0	0	0	14	310	415	5	3.4	290	13	10	19	290	30	10	1835		
	Fife	Leuchars	78	40	40	-	0	1	3	292	355	94	0	9.3	220	24	10	17	220	39	10	1625		
	Midlothian	Turnhouse	137	40	38	-	0	1	6	192	395	151	0	7.8	230	31	10	17	230	51	10	1555		
		Edinburgh, Blackford Hill	406	50	34	10	3	2	12	209	408	103	9	8.6	210	34	10	16	210	62	10	1535		
6a	Argyll	Tiree	89	60	47	10	2	4	33	306	289	114	0	10.2	130	36	10	07	140	49	10	0540		
	Bute	Millport	50	34	34	-	0	1	6	300	342	95	1	9.2	210	33	10	16	210	50	10	1555		
	Dunbarton	Cumbernauld	543	33	33	-	0	0	0	39	390	315	0	4.7	170	21	10	10	190	45	10	1250		
	Renfrew	Paisley	188	81	31	-	0	1	8	178	317	241	0	6.8	240	26	10	16	240	48	10	1505		
		Abbotsinch	52	33	33	-	0	1	8	178	317	241	0	6.8	240	26	10	16	240	48	10	1505		
	Lanark	Lowther Hill	2415	43	33	4, 5, 9, 10, 13, 14	11	12	85	337	261	50	0	13.4	020	38	13	24	240	56	10	1455		
	Ayr	Hunterston	41	30	30	-	0	5	11	219	234	275	5	7.4	200	28	10	11	070	42	13	1430		
		Prestwick	68	33	33	-	0	3	9	208	376	151	0	8.0	210	27	10	13	210	50	10	1245		
	Dumfries	Chapelcross	310	50	50	-	0	1	3	83	289	369	0	4.7	220	23	10	11	030	42	13	2340		
		Eskdalemuir	825	50	35	-	0	4	15	201	438	90	0	8.4	230	25	10	09	230	40	10	0830		
	Wigtown	West Freugh	81	33	33	-	0	4	15	201	438	90	0	8.4	230	25	10	09	230	40	10	0830		
6b	Isle of Man	Ronaldsway	82	33	33	-	0	3	13	255	325	151	0	8.8	120	26	9	15	340	40	13	2020		
		Point of Ayre	64	33	33	-	0	5	35	293	278	138	0	9.8	010	33	13	19	010	45	13	1805		
2	Durham	Durham	389	53	33	-	0	1	6	141	458	139	0	7.3	200	28	10	14	210	55	10	1305		
		South Shields	73	57	44	14	2	3	11	220	365	146	0	8.4	360	36	14	02	340	49	14	0210		
	Lincoln	Cranwell	288	47	47	-	0	4	15	233	392	104	0	9.1	240	33	14	02	(250) 36	3	14	0315		
		Manby	85	33	33	-	0	1	3	261	417	63	0	9.1	260	25	14	04	260	36	14	0315		
3	Norfolk	Gorleston	54	43	43	-	0	1	1	141	424	178	0	6.9	240	22	3	15	240	44	3	1420		
	Suffolk	Mildenhall	98	83	60	-	0	1	1	226	435	79	3	8.6	230	22	3	13	230	39	3	1230		
	Bedford	Bedford	322	42	30	-	0	8	35	304	317	88	0	10.3	240	25	3	17	230	45	3	1255		
		Cardington	226	133	133	-	0	0	0	52	469	223	0	5.3	230	17	3	11	230	32	3	0945		
	Hertford	Garston	307	50	33	-	0	0	0	16	444	284	0	4.7	230	14	3	12	230	40	3	1100		
		Rothamsted	461	41	33	-	0	0	0	16	444	284	0	4.7	230	14	3	12	230	40	3	1100		
	Essex	Stansted	351	31	31	-	0	0	0	258	394	92	0	8.7	220	21	3	13	220	35	3	1210		
		Coryton	66	57	48	-	0	1	2	183	422	103	34	8.1	210	23	3	16	210	42	3	1515		
		Shoeburyness	118	106	91	3	3	11	55	445	215	16	10	13.2	220	36	3	16	220	46	3	1525		
4	Yorks, W.R.	Sheffield	533	83	35	-	0	0	0	2	67	675	0	1.2	260	13	14	02	250	46	14	0105		
	Warwick	Edgbaston	643	118	73	-	0	0	0	147	572	25	0	8.2	220	20	3	14	220	35	3	1320		
		Elmdon	343	31	31	-	0	4	8	197	441	98	0	8.4	230	25	3	14	230	43	3	1325		
	Buckingham	Amersham	500	50	50	-	0	0	0	74	524	146	0	6.2	210	18	3	13	210	37	3	1245		
	Stafford	Keele	706	50	33	-	0	0	0	72	410	262	0	5.6	230	16	10	15	250	41	14	0120		
	Worcester	Pershore	154	33	33	-	0	7	18	234	340	152	0	8.6	220	27	13	14	250	42	3	1200		
5	Greater London	London W/Centre	306	229	125	-	0	2	8	352	339	45	0	10.5	220	25	3	16	220	40	3	1315		
		Heathrow	115	33	33	-	0	1	1	229	430	84	0	8.4	220	23	3	13	230	36	3	1215		
		Hampton	139	101	100	-	0	1	2	162	384	196	0	6.9	200	23	3	16	200	38	3	0910		
		Kew	92	75	50	-	0	1	2	141	384	217	0	6.4	230	23	3	13	230	41	3	1610		
	Surrey	Gatwick	232	38	33	-	0	1	4	141	386	213	0	6.8	210	25	3	15	210	41	3	1325		
	Kent	Isle of Grain	48	40	33	-	0	1	6	229	306	187	16	7.9	220	26	3	16	220	44	3	1805		
		Dover	68	38	62	-	0	10	96	337	282	24	5	12.8	210	31	3							

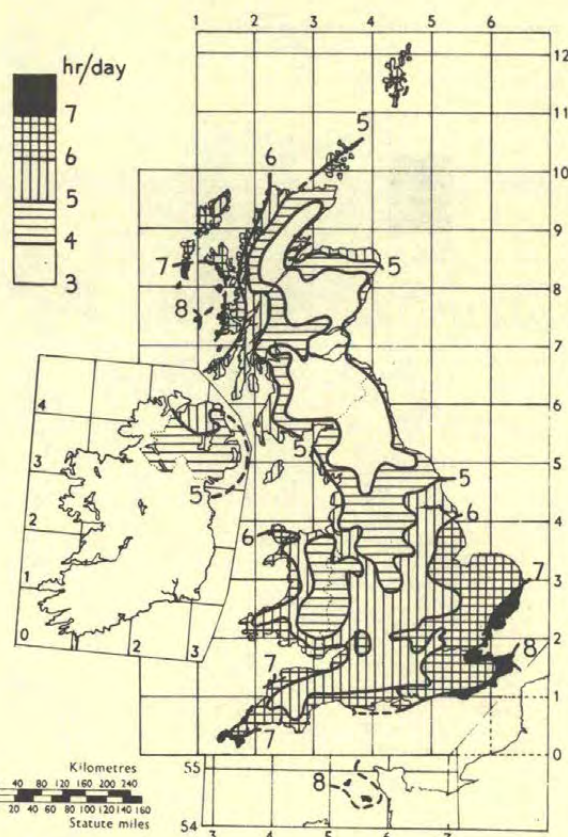
MONTHLY WEATHER CHARTS AUGUST 1966

MEAN PRESSURE AT 9 G.M.T.

The dotted lines show the normal distribution of pressure in millibars based on 30 years observations 1931-60.

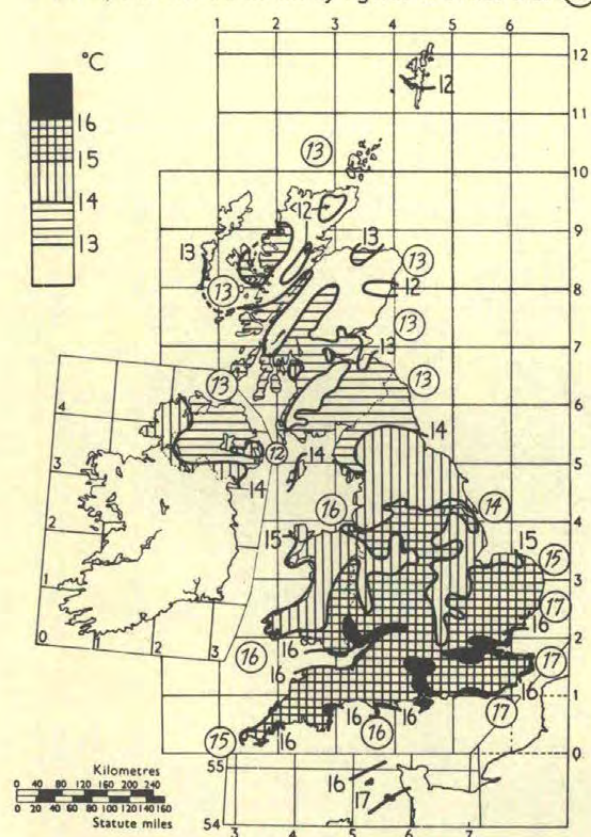


BRIGHT SUNSHINE

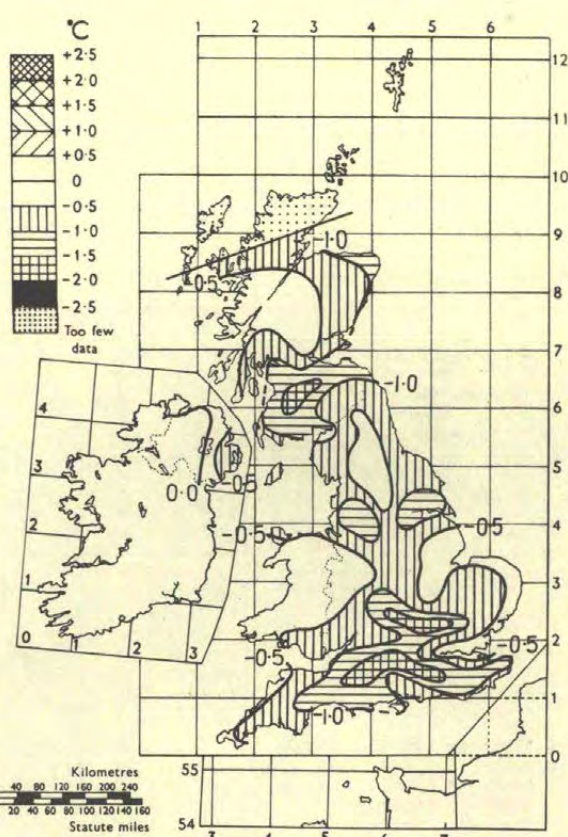


MEAN AIR TEMPERATURE

Reduced to sea level by a correction of 1°C. for 500 ft. Sea temperatures are shown by figures in circles thus (10)



ANOMALY OF MEAN 1 ft. EARTH TEMPERATURE



RAINFALL AUGUST 1966

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

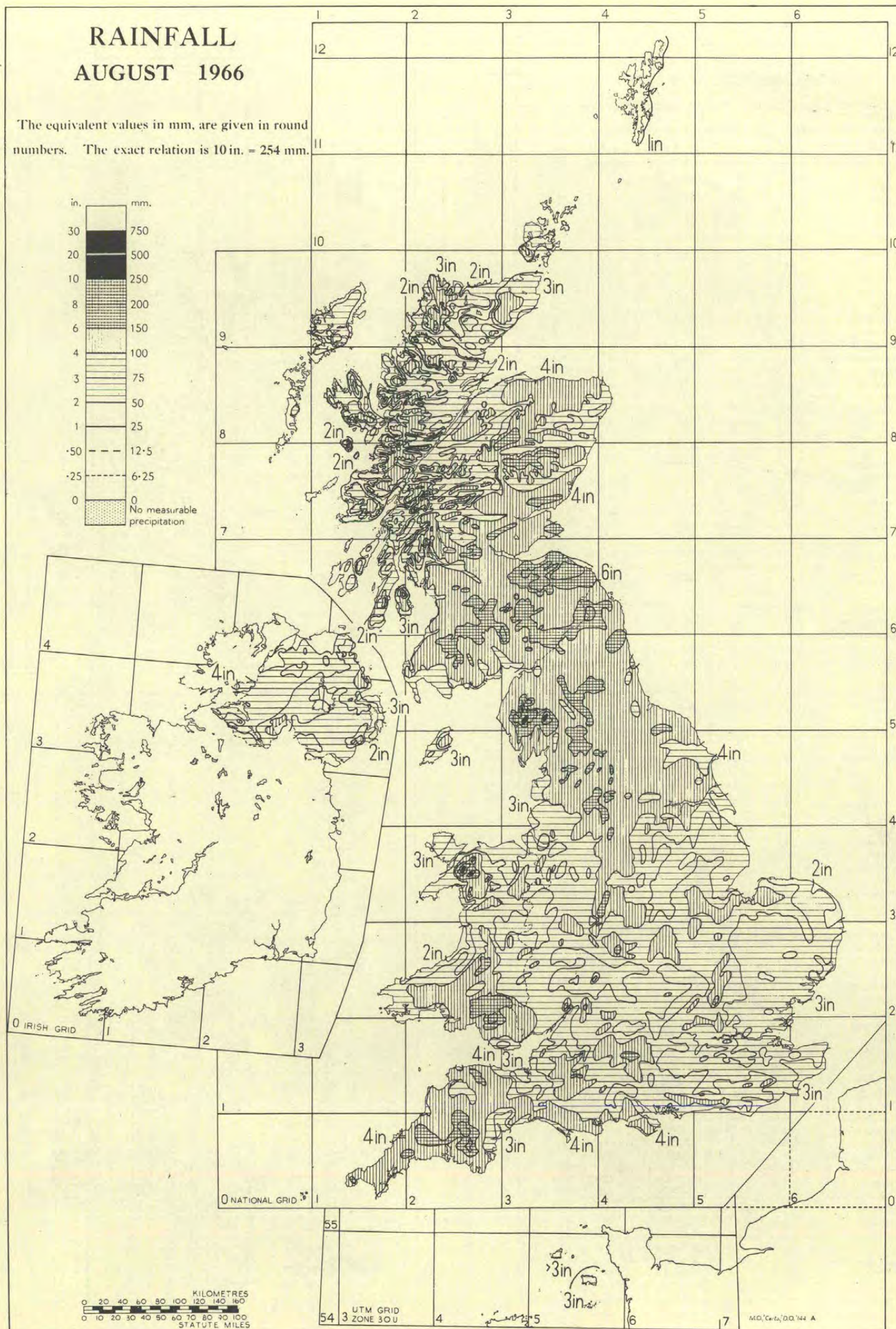
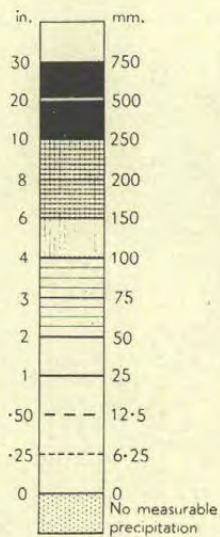


TABLE III

—SUMMARY OF DAILY OBSERVATIONS

AUGUST,

1966

DISTRICT, COUNTY AND PLACE		Terminal hr. GMT of Observation	Height of Station above MSL (feet)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days										BRIGHT SUNSHINE									
				MEANS OF		Mean Temperatures (Mean of A & B)	Difference from Average	HIGHEST MAXIMUM AND LOWEST MINIMUM																											
				A Max.	B Min.			Maximum	Date	Minimum	Date	1 ft.	4 ft.	Total fall (inches)	Per cent of Average	Amount (inches)	Date	Precip'n (0.01in (0.2mm) or more (1-0.01in (1-0.2mm) or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frosty	Grass min. below 0°C	Gale	Daily Mean (hr.)	Per cent of Average	Exposure					
0 SCOTLAND, N.																																			
Zetland	Hamnavoe	9 9	70	14.6	9.8	12.2	-	16.7	9, 11, 30	7.8	14, 25	-	-	1.16	-	.49	16	11	9	0	0	0	0	0	0	0	0	0	0	0	0	6.75	-	-	
	Lerwick	21-9	269	14.0	8.9	11.5	-0.6	16.5	29	3.5	12	-	-	1.37	46	.66	16	12	7	0	0	0	0	0	0	0	0	0	0	0	0	6.19	163	-	
	Balsound	9 9	78	14.7	7.6	11.1	-	17.2	29	4.4	13	11.6	-	1.37	48	.62	16	15	11	0	0	0	0	0	0	0	0	0	0	0	0	5.29	-	-	
Orkney	Sule Skerry	9 9	43	14.6	11.0	12.8	-	16.5	7	8.5	24	-	-	1.63	-	.53	15	10	8	0	0	0	0	0	0	0	0	0	0	0	1	-	-		
	Stenness	9 9	75	15.2	9.2	12.2	-	17.8	16	5.6	14, 21	12.3	-	3.38	109	(.76)	4	20	11	0	0	0	0	0	0	0	0	0	1	0	4.96	-	-		
	Evie	9 9	110	14.6	9.5	12.1	-	17.2	16	5.0	1	-	-	2.26	-	.63	4	14	12	-	-	-	-	-	-	-	-	0	0	0	5.01	-	-		
	Kirkwall	21-9	84	14.8	9.1	11.9	-	17.9	16	6.0	25	-	-	3.27	114	1.07	4	16	11	0	0	0	0	0	0	0	0	0	0	0	4.57	110	-		
Caithness	Dounreay	9 9	73	15.7	9.6	12.7	-	18.9	9, 25, 31	6.1	25, 26, 27	-	-	2.09	-	.50	15	19	12	-	-	-	-	-	-	-	-	0	0	0	-	-	-		
	Wick	21-9	119	14.8	9.0	11.9	-0.8	19.7	18	3.5	25	-	-	3.39	129	1.17	4	15	9	0	0	0	0	0	0	0	0	0	1	0	4.62	99	-		
Sutherland	Cape Wrath	21-9	367	13.7	9.8	11.7	-1.0	19.9	26	7.7	22	-	-	4.00	99	1.81	9	15	11	0	0	0	0	0	0	0	0	1	0	0	6.00	-	-		
	Achany	9 9	280	16.1	7.4	11.7	-	20.0	16	0.6	15	13.7	12.1	2.53	78	.75	7	20	12	0	0	0	0	0	0	0	0	0	8	0	4.78	-	-		
	Strathay	9 9	120	15.5	7.9	11.7	-1.2	19.4	25	3.3	25	-	-	2.48	70	.56	4	18	13	0	0	0	0	0	0	0	0	0	0	0	4.71	120	-		
Ross & Cromarty	Stornoway	21-9	11	15.6	8.7	12.1	-1.2	18.4	28	2.6	24	-	-	1.61	48	.35	9	13	10	0	0	0	0	0	0	0	0	0	4	0	5.44	127	-		
	Balmacara	9 9	2	17.3	9.4	13.3	-	21.1	26, 28	4.4	15	-	-	1.81	-	.39	16	19	11	0	0	0	0	0	0	0	0	0	0	0	0	-	-	8	
	Poolewe	9 9	20	17.2	9.8	13.5	-	21.7	26	3.9	24	-	-	2.16	44	.72	16	11	9	-	-	-	-	-	-	-	-	0	0	0	5.88	-	-		
	Rudh Re	9 9	53	15.5	9.8	12.7	-	20.5	27	6.7	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	1	-	-	-		
	Inverpolly	9 9	45	16.6	9.2	12.9	-	20.0	25, 28	2.8	24	13.6	-	2.08	-	.49	16	15	12	0	0	0	0	0	0	1	-	0	3	0	-	-	-		
	Achnashellach	9 9	220	16.9	7.9	12.4	-1.1	21.1	25	2.2	24	-	-	3.08	47	1.36	16	21	15	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	
	Kinlochewe	9 9	76	17.3	9.0	13.1	-	22.8	25	2.2	24	13.8	-	2.16	34	.81	16	19	12	0	0	0	0	0	0	1	0	0	2	0	4.29	-	8		
	Fortrose	9 9	15	15.4	10.3	12.9	-1.3	19.4	17	6.7	24	-	-	2.68	104	.68	3	17	15	0	0	0	0	0	0	0	0	0	0	0	0	4.78	112	-	
	Tarbatness	21-9	60	15.0	10.4	12.7	-	20.0	19	7.0	1, 9	-	-	2.40	106	.72	4	17	11	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	
Inverness	Benbecula	21-9	19	16.4	9.4	12.9	-0.8	19.5	29	4.4	24	-	-	1.25	33	.43	9	13	10	0	0	0	0	0	0	0	0	0	4	0	6.93	-	-		
	Isle of Rhum	9 9	15	17.2	8.4	12.8	-	20.0	25, 31	3.3	15	15.4	-	2.92	35	.90	16	14	9	0	0	0	0	0	0	0	0	0	0	0	2	-	-	-	
	Prabost	9 9	220	16.4	8.9	12.7	-	19.4	25, 30	5.0	1, 15, 24	-	-	2.56	47	1.03	16	13	9	0	0	0	0	0	0	0	0	0	0	0	0	6.48	-	-	
	Duntulm	9 9	294	15.4	9.3	12.3	-0.9	18.9	27, 29	5.6	24	-	-	1.81	41	.59	16	15	9	0	0	0	0	0	0	0	0	0	0	0	0	6.30	150	-	
	Onich	9 9	48	16.7	8.6	12.7	-1.2	20.6	27	2.8	15	-	-	3.53	54	.77	10	14	12	0	0	0	0	0	0	0	0	3	0	-	1	5.79	155	8	
	Fort William	9 9	27	17.4	9.2	13.3	-	21.1	26	1.7	15	14.6	14.0	2.27	-	.49	3	11	10	0	0	0	0	0	0	0	0	0	0	2	0	5.23	-	-	
	Fort Augustus	9 9	70	16.9	8.3	12.6	-1.6	21.1	17	1.1	24	-	-	2.19	-	.62	3	14	11	0	0	0	0	0	0	0	0	2	0	0	4.83	-	-	-	
	Cannich	9 9	350	16.8	5.4	11.1	-	21.1	26, 27	-1.7	24	-	-	3.27	93	.63	11	18	12	0	0	0	0	0	0	0	0	4	11	0	-	-	-	-	
	Inverness	9 9	13	16.3	9.2	12.7	-	20.6	17, 18	4.4	24, 25	-	-	2.58	91	.48	3	16	12	0	0	0	0	0	0	0	0	0	0	0	0	5.04	-	-	
	Coire Cas Shieling	9 9	2500	12.0	5.9	8.9	-	16.7	(10, 17), 28	1.1	23	-	-	5.17	-	1.13	4	20	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Cairngorm	9 9	3575	8.7	3.6	6.1	-	(14.4)	16	0.0	23, 24	-	-	6.75	-	1.80	4	17	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Achnagoichan	9 9	1000	15.5	6.4	10.9	-	19.4	25	0.6	26	11.5	-	2.47	-	.88	3	16	15	0	0	0	0	0	0	0	0	0	10	0	-	-	-	-	
	Glenmore Lodge	9 9	1120	15.2	6.0	10.6	-	19.1	25	-0.9	23	-	-	3.78	113	.88	4	20	17	-	-	-	-	-	-	-	0	2	8	-	4.24	-	-	-	
1 SCOTLAND, E.																																			
Nairn	Nairn	9 9	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Moray	Forres	9 9	155	16.3	8.1	12.2	-2.0	20.6	17, 18	2.8	25	14.2	13.0	3.85	142	1.63	4	15	11	0	0	0	0	0	0	0	0	0	0	0	0	4.74	102	-	
	Kinloss	21-9	15	16.5	8.9	12.7	-	20.5	18	2.4	26	13.6	-	3.22	119	1.13	4	15	10	0	0	0	0	0	0	0	0	0	0	2	0	5.17	-	-	
	Elgin	9 9	50	16.3	9.1	12.7	-	20.6	16, 18	2.2	25	-	-	3.95	140	1.08	4	14	13	0	0	0	0	0	0	0	0	0	0	2	0	5.82	-	-	
	Lossiemouth	9 9	21	15.9	9.0	12.5	-1.4	20.0	16, 18	2.2	25	-	-	3.42	128	.86	4	15	11	0	0	0	0	0	0	0	0	0	0	0	1	0	-	-	-
	Gordon Castle	9 9																																	

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

AUGUST.

1966

DISTRICT, COUNTY AND PLACE		Max. Terminal hr. GMT of Observation	Height of Station above MSL (feet)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)			WEATHER Number of Days										BRIGHT SUNSHINE								
				MEANS OF		Mean Temperature (Mean of A & B)	Difference from Average a	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (inches)	Per cent of Average a	Most in a Day Amount (inches)	Precip'n (0.01 in (0.2mm) 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.	Gale	Daily Mean (hr.)	Per cent of Average a	Exposure						
				A Max.	B Min.			Maximum	Date	Minimum	Date																								
				1	6a			6b	6c	6d	6e	6f	6g																	6h	6i	6j	6k	6l	6m
SCOTLAND, E.—cont.																																			
Midlothian		99	200	16.2	9.6	12.9	-1.6	21.7	18	5.0	15	13.9	-	6.09	194	1.83	3	19	11	0	0	0	0	0	0	0	0	3.52	-	-	S				
—cont.		99	620	15.7	8.0	11.9	-	20.6	18	1.7	15	13.7	-	8.44	223	3.22	13	17	13	0	0	0	0	1	2	0	1	0	3.13	-	-	-			
Bush House		99	605	15.5	8.3	11.9	-	20.0	18,19	2.8	15,25	13.0	-	7.79	206	2.25	13	18	12	0	0	0	0	0	1	0	1	0	3.23	-	-	-			
Edinburgh—		99	441	15.8	10.1	12.9	-1.6	20.6	18	6.1	15	-	-	7.39	235	2.18	13	16	11	0	0	0	0	0	1	0	0	1	3.72	81	-	-			
.. Blackford Hill		99	74	16.0	9.8	12.9	-1.8	20.6	18	3.9	15	14.3	-	6.08	205	1.78	13	16	9	0	0	0	0	2	0	0	3	0	3.74	80	-	-			
.. Royal Bot. Gdns.		99	162	16.0	9.2	12.6	-	21.1	18	3.3	15	-	-	7.95	274	2.75	3	20	13	0	0	0	0	1	0	0	0	0	3.74	-	-	-			
E. Lothian		99	75	15.4	10.4	12.9	-1.4	20.0	16,18	5.6	15	-	-	6.90	255	2.81	3	18	12	0	0	0	0	0	0	0	0	0	4.21	83	-	-			
Dunbar		99	225	16.8	8.4	12.6	-	22.2	17	2.8	15	-	-	4.92	-	1.68	3	18	13	0	0	0	0	0	0	0	0	3	3.06	-	-	-			
Mertoun		99	600	15.8	7.9	11.9	-	21.7	19	1.7	15	-	-	5.07	-	1.49	3	18	14	0	0	0	0	0	1	0	1	0	3.50	-	-	-			
Lauder		99	498	15.7	9.2	12.5	-1.6	20.6	17	4.4	15,23	-	-	6.08	185	1.66	13	20	16	0	0	0	0	1	1	0	0	3.23	71	S	-				
Marchmont		99	838	15.0	8.1	11.5	-	21.1	18	2.8	15,23	-	-	7.97	211	2.42	3	20	18	0	0	0	0	1	0	0	2	-	-	-	-	-			
Whitchester		99	245	15.0	11.0	13.0	-	21.4	19	7.8	2	-	-	-	-	-	-	-	0	0	0	0	1	2	0	0	3	-	-	-	-	-			
St. Abb's Head		99	741	15.6	7.8	11.7	-	19.4	18	0.0	15,25	-	-	5.12	127	1.87	13	15	12	0	0	0	0	1	0	0	1	0	-	-	-	-	-		
Peebles		99	830	15.2	7.9	11.5	-	18.9	18	1.7	15,25	-	-	5.78	169	2.00	13	15	13	0	0	0	0	1	0	0	3	0	3.41	-	-	-	-		
Blyth Bridge		99	800	15.8	7.5	11.7	-	19.4	18	1.1	15	13.2	13.0	6.17	158	1.70	13	20	16	0	0	0	0	1	0	0	0	-	-	-	-	-	-		
West Linton		99	580	16.1	8.1	12.1	-	20.6	18	0.0	25	-	-	4.84	171	1.30	13	16	13	0	0	0	0	2	0	0	0	-	-	-	-	-	-		
Glenness		99	600	16.0	8.5	12.3	-	20.0	19	2.8	15,25	-	-	5.91	181	1.27	13	19	15	0	0	0	0	2	0	0	0	-	-	-	-	-	-		
Selkirk		99	560	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Bowhill		99	560	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Roxburgh		99	900	15.1	8.7	11.9	-	20.0	19	3.3	15	-	-	6.46	-	1.66	13	23	15	-	0	-	-	-	2	0	0	-	3.52	-	-	-	-	-	
Sourhope		99	900	15.1	8.7	11.9	-	20.0	19	3.3	15	-	-	6.46	-	1.66	13	23	15	-	0	-	-	-	2	0	0	-	3.52	-	-	-	-	-	
SCOTLAND, W.																																			
Argyll		21-9	29	16.0	10.0	13.0	-0.8	19.5	29	5.1	24	-	-	1.29	36	.52	9	13	7	0	0	0	0	0	0	0	3	0	8.11	154	-	-	-	-	
Tiree		21-9	65	15.7	10.6	13.1	-	18.0	30	5.8	24	-	-	1.71	36	.66	9	12	6	0	0	0	0	0	0	0	0	-	-	-	-	-	-	-	
Rhuvaal		99	87	16.8	9.7	13.3	-0.8	20.0	30	2.8	24	-	-	1.45	33	.53	9	13	5	0	0	0	0	0	1	0	1	-	-	-	-	-	-	-	
Colonsay		99	10	17.6	10.2	13.9	-	20.6	30	4.4	24	-	-	1.99	-	.81	9	12	9	-	0	-	-	-	0	0	1	-	-	-	-	-	-	-	
Craighouse		99	33	16.5	9.9	13.2	-	20.1	28	3.1	24	-	-	2.06	-	.74	20	11	7	0	0	0	0	0	0	0	3	0	5.74	-	-	-	-	-	
Machrihanish		99	10	16.6	10.1	13.3	-	19.4	18,29	5.0	23,24	-	-	2.89	-	1.10	9	11	8	0	0	0	0	0	12	0	0	5.49	-	-	-	-	-	-	
Campbeltown		99	33	17.6	8.2	12.9	-	21.1	30	1.7	1,15	-	-	4.32	-	.91	16	15	15	0	0	0	0	0	0	0	4	0	-	-	-	-	-	-	
Polloch		99	40	17.9	8.0	12.9	-	22.2	29	1.1	1	-	-	2.51	55	.76	10	16	12	0	0	0	0	0	0	0	1	0	-	-	-	-	-	-	
Achaglachgach		99	30	17.7	9.2	13.5	-	20.6	30	3.3	15	-	-	1.65	30	.43	9	13	9	0	0	0	0	0	0	0	0	4.99	-	-	-	-	-	-	
Lepthmore		99	80	16.8	8.4	12.6	-	20.6	31	1.7	15	-	-	3.08	-	.80	9	12	10	0	0	0	0	0	0	0	1	0	-	-	-	-	-	-	
Glenbranter		99	40	17.4	8.9	13.1	-	20.6	18,30	2.8	24	-	-	4.21	59	1.70	9	13	12	0	0	0	0	0	1	0	3	0	-	-	-	-	-	-	
Benmore Y.B.G.*		99	60	16.3	10.5	13.4	-	19.2	30	7.3	2	-	-	3.45	-	1.01	13	14	13	0	0	0	0	0	0	0	1	-	-	-	-	-	-	-	
Bute		99	50	17.0	9.4	13.2	-	20.6	17,30	3.9	15	15.5	-	4.92	-	1.54	9	10	10	0	0	0	0	0	0	6	0	1	-	-	-	-	-	-	
Broddick Castle		99	150	16.8	10.1	13.5	-0.8	19.4	30	5.6	15	13.8	12.9	2.46	51	.77	9	13	11	0	0	0	0	0	0	0	0	5.50	120	-	-	-	-	-	
Rothsay		99	16	16.9	10.7	13.8	-	20.6	30	6.7	15	-	-	1.91	51	.47	9	10	9	0	0	0	0	0	0	0	0	-	-	-	-	-	-	-	
Millport		99	50	17.1	9.7	13.4	-	19.4	17,18,30	5.0	15	-	-	2.81	-	1.01	10	16	12	0	0	0	0	0	0	0	0	-	-	-	-	-	-	-	
Dunbarton		99	293	16.9	9.2	13.1	-1.2	20.6	18	5.6	1,24	-	-	4.50	91	1.14	13	21	13	0	0	0	0	0	0	0	0	3.72	88	S	-	-	-	-	
Helensburgh		99	40	17.5	9.5	13.5	-	22.8	30	3.5	15	-	-	3.65	-	.69	10	17	14	0	0	0	0	0	0	0	0	-	-	-	-	-	-	-	
Sloy		99	310	16.5	8.8	12.7	-	20.6	18	2.8	15,25	-	-	5.81	-	2.27	13	19	15	0	0	0	0	0	0	0	0	-	-	-	-	-	-	-	
Cumbernauld		99	1100	14.3	7.8	11.1	-	18.3	18	3.1	15	-	-	6.99	-	2.04	13	20	14	-	-	-	-	3	0	1	-	3.83	-	-	-	-	-	-	-
Stirling		99	151	17.6	9.9	13.7	-1.3	22.2	18	5.0	15	15.6	13.6	4.35	126	.90	20	17	10	0	0	0	0	0	0	0	0	1	4.28	-	-	-	-	-	-
Earl's Hill		99	100	16.8	9.8	13.3	-1.7	21.1	18	3.3	15	-	-	4.30	125	1.36	13	15	11	0	0	0	0	0	0	0	0	-	-	-	-	-	-	-	
Falkirk		99	200	16.7	9.8	13.3	-1.5	20.0	30	5.0	3,23	-	-	3.36	73	1.01	9	13	10	0	0	0	0	0	0	0	4	0	4.85	-	-	-	-	-	-
Renfrew		99	10																																

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

AUGUST.

1966

DISTRICT, COUNTY AND PLACE		Max. Min.	Terminal hr. 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		Mean Temperatures (Mean of A & B)	Difference from Average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (inches)	Per cent of 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†	Grass min. below 0°C	Gale	Daily Mean (hr.)	Per cent of Average	Exposure								
					A Max.	B Min.			Maximum	Date	Minimum	Date																			Amount (inches)	Date	0.01 in (0.2 mm) or more	0.01 in (1.0 mm) or more				
2 ENGLAND, N.E.																																						
Northumberland	Kielder Castle ...	99	660	15.8	8.0	11.9	-	21.1	19	1.1	15,24,26	14.4	-	5.39	116	1.11	3	23	18	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-			
	Haydon Bridge ...	99	258	17.2	9.8	13.5	-	22.8	19	3.3	15	15.0	14.3	-	5.31	-	1.28	13	18	15	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-		
	Corbridge ...	99	160	17.0	9.9	13.5	-	22.8	19	3.9	23	-	-	-	4.11	-	.75	13	18	13	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-		
	Berwick-on-Tweed ...	99	76	15.4	10.3	12.9	-1.3	21.1	19	5.0	15	-	-	-	5.87	217	1.94	13	19	11	0	0	0	0	1	1	0	-	1	4.10	82	-	-	-				
	Cockle Park ...	99	326	15.9	(9.9)	(12.9)	(-1.2)	23.3	19	5.0	23,24	(13.7)	-	-	7.33	244	3.78	13	21	19	-	-	-	-	-	-	-	-	-	-	-	-	3.90	110	-	-		
Durham	Acklington ...	21-9	138	16.3	10.0	13.1	-	24.1	19	4.2	24	-	-	-	6.60	237	3.63	13	18	15	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4.51	-	-	
	Tynemouth ...	21-9	95	15.8	11.6	13.7	-1.2	25.0	19	7.0	23	-	-	-	4.05	134	.88	13	18	13	0	0	0	0	0	0	0	0	0	0	0	0	1	4.19	88	-	-	
	Seahouses ...	21-9	37	15.7	11.0	13.3	-	22.3	19	5.8	24	-	-	-	5.38	-	2.22	13	18	10	0	0	0	0	0	0	0	0	0	0	0	3	4.16	-	-	-		
	Chopwellwood ...	99	446	16.7	9.9	13.3	-1.4	25.0	19	5.0	24	-	-	-	4.84	158	1.12	13	20	18	0	0	0	0	0	0	0	1	0	2	0	-	-	-	-			
	Ushaw College ...	99	594	16.4	9.6	13.0	-1.6	23.9	19	5.0	23	-	-	-	5.00	174	.91	13	21	16	0	0	0	0	0	0	8	0	-	0	-	-	-	-	-			
	Houghall ...	99	123	17.3	-	-	-	25.6	19	1.7	23	-	-	-	.55	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	4.15	90	-	-	
	Durham ...	99	336	17.3	9.7	13.5	-1.4	24.4	19	5.0	24	15.1	13.8	-	4.43	163	.71	13	19	17	-	0	-	-	-	-	-	-	-	-	0	-	3.66	77	-	-		
	Gateshead ...	99	509	-	-	-	-	-	-	-	-	-	-	-	4.61	145	(1.88)	13	(19)	(14)	-	-	-	-	-	-	-	-	-	-	-	-	4.03	-	-	-	-	
	West Hartlepool ...	99	30	17.1	11.5	14.3	-	25.0	19	7.2	2,15,23	-	-	-	4.11	154	.79	21	19	15	0	0	0	0	0	0	0	0	0	0	0	0	2	4.64	-	-	-	-
	Yorks., N. Riding	Thirsk ...	99	111	18.1	9.9	14.0	-	24.7	19	3.9	23	-	-	-	5.05	-	1.08	21	18	16	0	0	0	0	0	0	2	0	0	0	0	1	-	-	-	-	
Leeming ...		99	105	17.7	10.4	14.1	-	25.5	19	4.5	24	-	-	-	3.96	-	.86	21	18	14	0	0	0	0	0	0	2	0	0	0	0	0	4.45	-	-	-	-	
York (Heslington) ...		99	66	18.3	10.6	14.5	-	23.3	18,20	5.0	6	15.4	-	-	4.72	-	.81	21	17	15	-	0	-	-	-	-	-	-	-	-	0	-	4.80	-	-	-	-	
Ampleforth ...		99	313	17.2	10.1	13.7	-1.4	24.4	19	5.0	16	-	-	-	4.92	160	.81	21	18	15	0	-	0	0	0	1	0	0	0	0	0	-	-	-	-	-		
Redcar ...		99	25	17.3	11.3	14.3	-	25.6	19	6.7	15	-	-	-	4.85	188	1.17	21	19	13	-	0	-	-	-	-	-	-	-	-	0	-	4.28	-	-	-	-	
Yorks., E. Riding	Pickering ...	99	143	18.2	9.8	14.0	-	25.7	19	3.0	15	-	-	-	3.45	-	.51	20	18	14	0	0	0	0	0	0	2	0	0	0	0	0	-	-	-	-	-	
	Whitby ...	99	135	16.9	11.0	13.9	-	25.6	19	6.1	15,24	-	-	-	4.36	159	1.00	21	15	15	0	0	0	0	0	0	0	5	0	-	0	3.76	74	-	-	-	-	
	Scarborough ...	99	118	17.3	11.4	14.3	-1.6	22.2	16,17,18	7.8	2	15.7	14.3	-	4.49	173	.90	21	16	15	0	0	0	0	0	1	1	0	0	0	0	0	4.56	89	-	-	-	-
	Silpho Moor ...	99	665	16.2	9.9	13.1	-	24.4	19	6.1	23,24	13.1	-	-	5.99	175	.94	21	21	15	0	0	0	0	0	0	8	0	0	0	0	0	4.06	-	-	-	-	
	Whitby C'Guard ...	21-9	200	16.1	11.4	13.7	-	25.5	19	6.2	24	-	-	-	3.67	-	.76	21	17	15	0	0	0	0	0	1	1	0	0	0	1	-	-	-	-	-		
	High Mowthorpe ...	99	574	17.3	9.7	13.5	-	25.0	19	5.6	2,15,23	14.5	-	-	4.53	143	.90	21	18	14	0	0	0	0	0	1	2	0	0	0	0	0	4.26	-	-	-	-	
	Hull ...	99	8	19.1	11.6	15.3	-1.2	25.6	17	6.1	15	15.4	12.9	-	4.46	173	1.09	21	17	13	0	0	0	0	0	2	0	0	0	0	0	5.54	105	-	-	-	-	
	Leconfield ...	21-9	24	18.2	10.9	14.5	-	24.6	19	5.5	16	-	-	-	4.62	-	1.13	21	20	13	0	0	0	0	0	3	0	0	0	0	0	5.21	-	-	-	-	-	
	Filey ...	99	122	16.7	11.0	13.9	-	22.2	17	5.0	23	-	-	-	3.77	143	.99	21	17	12	0	0	0	0	0	1	0	0	0	0	0	0	4.33	-	-	-	-	-
	Lincoln	Bridlington ...	99	157	16.8	10.6	13.7	-	21.7	16,17	5.0	23	-	-	-	4.11	156	1.03	21	18	15	0	0	0	0	0	1	0	0	0	0	0	0	5.07	-	-	-	-
Kilnsea ...		21-9	40	17.2	11.5	14.3	-	21.5	12,16,17	6.0	23	-	-	-	2.41	-	.47	29	16	12	0	0	0	0	0	0	0	0	0	0	-	1	-	-	-	-	-	
Waddington ...		21-9	224	19.0	10.6	14.8	-1.3	25.7	18	5.1	24	-	-	-	1.85	-	.48	21	15	9	0	0	0	0	0	2	1	0	0	0	0	0	5.92	-	-	-	-	-
Lincoln ...		99	22	19.4	9.7	14.5	-	26.1	18	1.7	24	15.8	14.4	-	1.84	80	.39	29	16	12	0	0	0	0	0	1	0	0	0	0	0	0	5.90	-	-	-	-	-
Cranwell ...		99	205	19.1	10.4	14.7	-1.3	25.9	18	5.5	16,24	15.9	14.7	-	3.78	173	.98	29	16	10	0	0	0	1	0	1	1	0	0	0	0	0	5.65	101	-	-	-	-
Suffolk	Brigg ...	99	10	18.7	10.0	14.3	-	25.0	17	3.3	15	-	-	-	3.79	-	.86	7	17	11	0	0	0	0	0	2	0	0	0	0	1	0	-	-	-	-	-	-
	Caistor ...	99	100	18.9	10.2	14.5	-	26.1	17	3.3	15	-	-	-	2.84	-	.70	7	15	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Binbrook ...	21-9	353	18.2	11.0	14.6	-	25.1	17	6.0	23	-	-	-	2.94	-	.63	7	14	12	0	0	0	0	0	3	2	0	0	0	0	-	-	-	-	-	-	
	Cleethorpes ...	99	23	18.6	12.0	15.3	-0.9	25.6	17	7.8	15,23	-	-	-	2.64	125	.80	7	15	8	0	0	0	0	0	1	0	0	0	0	0	5.89	105	-	-	-	-	-
	Manby ...	21-9	55	18.9	11.0	14.9	-	25.6	17	5.9	15	-	-	-	2.31	105	.53	29	12	11	0	0	0	0	0	2	0	0	0	0	0	6.24	-	-	-	-	-	
	Skegness ...	99	15	18.4	10.6	14.5	-1.5	22.2	17	5.6	16	-	-	-	(2.56)	120	.73	29	14	11	0	-	0	0	0	0	0	0	0	-	0	6.54	115	-	-	-	-	-
	3 ENGLAND, E.																																					
	Norfolk	Terrington St. Cl. ...	99	13	20.2	10.1	15.1	-	26.1	18	3.3	15	15.7	-	-	3.38	180	1.21	29	14	10	0	0	0	0	0												

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

AUGUST,

1966

DISTRICT, COUNTY AND PLACE		Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (feet)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days												BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
					MEANS OF		Mean Temperature (Mean of A & B)	Difference from Average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (inches)	Per cent of Average	Amount (inches)	Most in a Day	Precip'n		Snow or Sleet	Snow lying at hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at hr.	Air Frost	Grass min below 0°C	Gale	Daily Mean (hr.)	Per cent of Average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
					A Max.	B Min.			Maximum	Date	Minimum	Date	-0.1in (0.2mm) or more	-0.1in (1.0mm) or more																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

AUGUST.

1966

DISTRICT, COUNTY AND PLACE		Terminal hr. GMT of Observation	Height of Station above MSL (feet)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)			WEATHER Number of Days										BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
				MEANS OF		Mean Temperature (Mean of A & B)	Difference from Average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (inches)	Per cent of Average	Amount (inches)	Date	Precip'n (0.01 in 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			Gale	Daily Mean (hr.)	Per cent of Average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

AUGUST,

1966

DISTRICT, COUNTY AND PLACE		Max. Min.	Terminal hr. 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		Mean Temperatures (Mean of A & B)	Difference from Average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (inches)	Per cent of Average	Amount (inches)	Most in a Day	Precip'n		Snow or Sleet	Snow lying at thr.	Hail	Ice pellets etc.	Thunder heard	Fog at thr.	Air Frosty	Gross min. below 0°C	Gale	Daily Mean (hr.)	Per cent of Average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

AUGUST.

1966

DISTRICT, COUNTY AND PLACE		Terminal hr. GMT of Observation	Height of Station above MSL (feet)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)			WEATHER Number of Days										BRIGHT SUNSHINE						
				MEANS OF		Mean Temperature (Mean of A & B)	Difference from Average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (inches)	Per cent of Average	Amount (inches)	Most in a Day	Precip'n (0.2mm 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	Gale	Daily Mean (hr.)	Per cent of Average	Exposure			
				A Max.	B Min.			Maximum	Date	Minimum	Date																						
				1 ft.	4 ft.																												
85 ENGLAND, S.W. - cont.																																	
Devon	Hartland Point ...	21-9	298	17.2	12.8	15.0	-	20.2	28	8.3	2	-	-	3.48	117	.87	10	16	14	0	0	0	0	0	1	0	0	0	3	7.22	116	-	
	Mount Batten ...	21-9	87	18.5	12.3	15.4	-0.8	22.0	19	7.0	2	-	-	4.84	168	1.33	6	14	13	0	0	0	0	0	1	0	0	0	0	6.54	102	-	
	Plymouth, The Hoe	9-9	119	18.9	12.1	15.5	-1.1	22.8	18	7.2	2	16.7	15.7	4.62	160	1.26	6	13	12	0	0	0	0	0	1	0	0	0	0	6.59	104	-	
	Tavistock ...	9-9	457	19.3	10.7	15.0	-0.7	26.7	19	4.4	2	-	-	6.73	-	.91	3	17	16	0	0	0	0	0	1	0	0	0	0	-	-	-	
	Chivenor ...	21-9	20	19.3	11.5	15.4	-1.2	23.7	20	6.4	2	-	-	4.20	135	.98	10	16	14	0	0	0	0	0	0	0	0	0	0	6.45	-	-	
	Ilfracombe ...	9-9	25	18.4	13.3	15.9	-0.8	21.1	28	10.6	15, 16	17.3	15.8	3.74	119	.78	6	16	16	0	0	0	0	0	0	0	0	0	0	6.79	109	-	
	Princetown ...	9-9	1359	-	-	-	-	-	-	-	-	-	-	8.28	124	1.40	9	17	15	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Totnes ...	9-9	120	19.9	10.4	15.1	-	26.1	30	3.9	25	16.6	14.8	5.00	144	1.14	6	16	14	0	0	0	0	0	0	0	0	0	1	5.72	-	-	
	Slapton ...	9-9	104	19.2	12.2	15.7	-	23.9	18, 20	6.7	2	-	-	5.38	-	1.84	6	16	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Newton Abbot ...	9-9	272	19.8	11.4	15.6	-0.7	25.0	18, 19, 20	6.1	2	-	-	3.83	131	.71	6	15	13	0	0	0	0	0	0	0	0	0	0	0	5.93	98	-
	Paignton ...	9-9	8	20.2	12.4	16.3	-	25.0	20	7.8	2	-	-	3.22	110	.87	6	13	10	0	0	0	0	0	0	0	0	0	0	0	6.62	101	-
	Torquay ...	9-9	26	19.7	12.7	16.2	-0.4	23.4	20	7.8	2	-	16.7	3.12	118	.80	6	13	9	0	0	0	0	0	0	0	0	0	0	6.95	102	-	
	Teignmouth ...	9-9	20	19.6	12.7	16.1	-0.8	23.3	18, 20	7.8	2	-	-	2.65	108	.55	6	14	10	0	0	0	0	0	0	0	0	0	0	0	6.56	92	-
	Starcross ...	9-9	29	19.9	11.5	15.7	-	24.4	20	6.1	2	16.6	-	2.62	98	.58	6	15	12	0	0	0	0	0	0	0	0	0	0	6.47	-	-	
	Exmouth ...	9-9	195	19.2	11.9	15.5	-0.6	23.9	20	7.8	2	-	-	2.73	103	.52	6	15	12	0	0	0	0	0	0	0	0	0	0	6.48	101	-	
	Exeter ...	21-9	106	20.2	11.2	15.7	-	26.8	20	5.2	2	-	-	2.65	98	.55	3	14	12	0	0	0	0	1	0	0	0	0	0	6.08	-	-	
	Scilly ...	21-9	158	18.8	13.3	16.1	-0.4	21.8	20	10.5	2	-	-	-	.86	5	-	-	-	-	-	-	1	0	0	0	0	0	7.59	113	-		
	Penzance ...	9-9	62	19.4	11.8	15.6	-1.0	23.9	19	7.2	25	-	-	5.91	200	1.31	5	16	16	0	0	0	0	1	0	0	0	0	0	7.21	109	-	
	Gulval ...	9-9	50	19.0	12.4	15.7	-0.7	23.9	19	8.9	2, 16	-	-	5.39	192	.82	31	17	13	0	0	0	0	0	0	0	0	0	0	7.18	112	-	
Culdrose ...	9-9	268	18.3	11.6	14.9	-	23.9	19	7.8	2, 16	-	-	4.72	184	.93	6	16	12	0	0	0	0	0	2	0	0	0	0	7.33	-	-		
Rosewarne ...	9-9	250	18.3	11.9	15.1	-	22.2	20	7.8	16	16.2	15.4	4.48	163	.71	31	16	13	0	0	0	0	0	0	0	0	0	0	6.91	-	-		
Lizard ...	9-9	240	18.7	12.6	15.7	-0.4	23.2	19	9.6	2	-	-	3.63	153	.85	31	15	10	0	0	0	0	0	0	0	0	0	0	1	7.92	-	-	
Falmouth ...	9-9	167	18.9	11.7	15.3	-1.2	24.4	19	8.3	2	-	-	4.90	161	.95	6	14	13	0	0	0	0	0	0	0	0	0	0	6.90	107	-		
Newquay ...	9-9	176	18.3	11.9	15.1	-1.0	20.6	28	7.8	2, 16, 24	-	-	4.21	157	1.06	10	15	14	0	0	0	0	0	0	0	0	0	1	7.12	113	-		
St. Mawgan ...	21-9	337	18.4	12.2	15.3	-	22.6	20	8.8	2	-	-	5.09	171	1.19	10	14	12	0	0	0	0	1	0	0	0	0	0	6.81	-	-		
St. Austell ...	9-9	310	19.3	11.6	15.5	-	25.0	19	7.2	2	-	-	5.57	155	1.12	2	17	15	0	0	0	0	0	4	0	0	0	0	-	-	-		
Fowey ...	9-9	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Bude ...	9-9	50	18.2	11.5	14.9	-1.0	22.2	28	5.6	2	15.2	-	3.81	135	.76	10	17	15	-	-	-	-	0	-	-	-	-	6.70	111	-			
Ellbridge ...	9-9	190	19.7	10.8	15.3	-0.8	26.7	19	5.0	2	-	-	4.70	146	.99	6	15	12	0	0	0	0	0	0	0	0	0	0	6.17	102	-		
9 NORTHERN IRELAND																																	
Londonderry	Loughmoe Forest	9-9	570	16.3	7.9	12.1	-	20.0	17, 18	0.0	15	-	-	2.35	-	.38	3	16	15	0	0	0	0	0	0	1	3	0	-	-	-	-	
	Ballykelly ...	21-9	6	17.3	9.4	13.3	-1.4	20.1	18	1.8	15	15.6	14.0	2.08	60	.43	29	14	11	0	0	0	0	1	0	0	2	1	5.36	-	-	-	
	Derrynoyd Forest	9-9	290	17.5	8.5	13.0	-	21.1	18	1.7	15	-	-	2.94	-	.82	9	17	15	0	0	0	0	0	0	0	0	3	0	-	-	-	
	Somerset Forest	9-9	140	17.5	9.0	13.3	-	21.1	17	2.2	23	-	-	1.74	-	.34	9	14	11	0	0	0	0	0	0	0	0	0	0	-	-	-	
	Garvagh Forest	9-9	290	17.2	8.5	12.9	-	21.1	17	2.8	15	-	-	2.58	-	.63	29	17	12	0	0	0	0	0	0	0	0	4	0	-	-	-	
Antrim	Moneydig ...	21-9	112	17.5	8.5	13.0	-1.3	21.6	17	1.3	15	16.0	-	2.23	57	.45	29	15	10	0	0	0	0	0	0	0	0	5	0	-	-	-	
	Portrush ...	-	30	-	-	-	-	-	-	-	-	-	-	1.63	48	.64	9	11	10	-	-	-	-	-	-	-	-	-	5.93	-	-	-	
	Ballymoney ...	9-9	180	17.3	9.0	13.1	-	20.6	17, 18	-1.1	15	-	-	1.73	-	.27	7	13	12	0	0	0	0	0	0	0	0	0	0	-	-	-	
	Lisnafillan ...	9-9	124	17.1	8.2	12.7	-	20.5	18	0.0	15	-	-	3.09	-	.64	8	15	13	-	-	-	-	1	0	1	0	5.22	-	-	-	-	
	Aldergrove ...	21-9	225	17.2	9.7	13.5	-1.0	19.4	18	2.6	15	15.0	13.0	3.16	87	.98	8	15	10	0	0	0	0	0	0	0	2	0	4.42	101	-		
	Greenmount ...	9-9	105	17.6	9.3	13.5	-	20.6	18	0.0	1	15.8	-	2.59	-	.57	8	16	11	0	0	0	0	0	0	0	0	3	-	-	-	-	
	Altnahinch ...	9-9	742	15.2	8.9	12.1	-	18.9	17, 18	2.8	15	-	-	2.84	-	.71	20	19	13	0	0	0	0	0	3	1	2	4.86	-	-	-	-	
	Parkmore Forest	9-9	770	14.9	8.3	11.6	-	18.3	17	3.3	15, 23	13.3	-	3.20	-	.67	20	16	12	0	0	0	0	0	2	1	1	-	-	-	-	-	
	Black Mountain	21-9	969	15.1	8.8	11.9	-	18.0	18	4.9	15	-	-	3.39	-	.45	13	17	13	0	0	0	0	0	5	0	0	0	-	-	-	-	
	Lowtown ...	9-9	890	15.3	8.6	11.9	-	18.3	18	2.2	15	12.9	-	3.49	-	.70	29	16	14	0	0	0	0	2	1	0	1	0	4.86	-	-	-	-
	Ballypatrick Forest	9-9	500	15.3	8.6	11.9	-	18.9	15, 18	2.8	15, 24	-	-	3.12	-	.85	9	16	10	0													

TABLE IV

—SUMMARY OF OBSERVATIONS AT FIXED HOURS AUGUST,

1966

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (ft.)		Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Okta)					VISIBILITY (Yards and Miles)							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	0-44 yds.	45-210 yds.	220-430 yds.	440-1,000 yds.	1,000-2,000 yds.	2,000-4,000 yds.	3-8 mi.	7-12 mi.	13-24 mi.	25 or over mi.	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	
																										SPEED IN KNOTS													
																										4 or more mi.	21/23	11/21	1-10	0									
Number of Observations																																							
0 SCOTLAND, N.																																							
Zetland Lerwick 273 ft.	3	1014.0	-	9.7	0.4	11.4	94	5.6	0	7	2	17	5	0	0	0	0	0	0	1	4	1	8	17	0	1	10	17	3	8	3	3	0	5	1	6	2		
	9	1014.1	+3.1	12.2	1.4	11.9	84	6.3	0	3	3	20	5	0	0	0	0	0	0	0	2	6	7	16	0	4	13	13	1	6	5	5	3	3	5	0			
	15	1014.2	-	13.0	1.7	12.1	81	5.6	0	4	7	15	5	0	0	0	0	0	0	0	2	7	5	16	0	3	16	12	0	4	6	5	4	1	3	8	0		
	21	1014.6	-	10.2	0.5	11.7	94	5.4	0	6	6	13	6	0	0	0	0	0	0	0	1	1	9	7	13	0	2	6	21	2	8	2	5	2	0	6	4	2	
	21	1014.1	-	10.4	0.6	11.7	92	5.4	0	8	2	16	5	0	0	0	0	0	0	0	1	0	5	2	11	12	0	7	23	1	7	2	6	3	4	4	3	1	
Orkney Kirkwall 86 ft.	3	1014.4	+3.2	12.5	1.5	12.1	83	6.6	0	2	4	16	9	0	0	0	0	0	0	0	4	5	8	14	0	2	14	14	1	6	3	5	6	1	2	4	3		
	9	1014.5	-	13.8	2.1	12.3	78	5.7	0	3	10	10	8	0	0	0	0	0	0	0	0	1	8	6	16	0	1	18	12	0	5	4	4	6	1	1	7	3	
	15	1014.8	-	10.8	0.7	11.8	91	5.7	0	2	7	17	5	0	0	0	0	0	0	0	0	6	3	8	14	0	0	7	22	2	4	4	3	4	7	3	2	5	1
	21	1014.0	-	9.9	0.6	11.4	93	5.3	1	6	7	9	7	1	0	0	1	1	1	0	3	3	10	12	0	0	7	24	0	4	3	4	4	1	5	8	2		
	21	1014.2	+2.7	12.5	1.3	12.2	84	6.5	0	2	4	16	9	0	0	0	0	0	0	0	1	4	4	8	14	0	0	13	18	0	10	3	2	6	3	0	3	4	
Caithness Wick 121 ft.	3	1014.0	-	13.7	1.9	12.4	79	6.4	0	2	5	17	7	0	0	0	0	0	0	0	4	4	5	18	0	0	13	18	0	6	5	5	7	5	2	0	1	5	
	9	1014.6	-	11.3	0.6	12.4	91	6.3	0	2	6	15	8	0	0	0	0	0	0	1	5	3	7	14	0	0	6	25	0	2	4	9	5	2	1	4	4		
	15	1014.3	-	11.0	0.9	11.7	89	6.1	0	4	5	11	10	1	0	1	0	0	0	0	0	7	23	0	2	9	17	3	1	3	9	4	0	7	1	3			
	21	1014.3	-	11.8	1.1	12.0	87	6.3	0	2	9	6	13	1	0	1	0	0	0	0	1	5	6	18	0	3	7	16	5	1	3	9	1	1	6	4	1		
	21	1013.9	-	12.6	1.4	12.2	83	5.6	0	3	11	7	9	1	0	1	0	0	0	0	1	1	5	22	0	2	5	24	0	2	4	13	1	1	8	1	1		
Ross & Cromarty Stornoway 16 ft.	3	1014.1	-	11.7	1.1	12.0	87	6.1	0	4	6	9	12	0	0	0	0	0	0	0	1	2	3	2	23	0	2	12	16	1	2	2	13	2	0	6	3	2	
	9	1014.0	-	10.2	0.5	11.7	94	4.6	5	4	6	13	3	0	0	0	0	0	0	0	0	1	7	11	12	0	1	8	18	4	2	6	3	1	5	5	2	3	
	15	1014.4	+3.2	12.9	1.4	12.5	84	5.5	0	5	7	13	6	0	0	0	0	0	0	0	3	5	9	14	0	0	13	17	1	3	6	3	6	4	4	0	4		
	21	1014.4	-	14.4	2.1	12.7	77	5.2	1	7	4	15	4	0	0	0	0	0	0	0	1	1	2	6	20	0	2	14	14	1	4	10	3	3	7	0	0	3	
	21	1014.4	-	11.7	0.8	12.4	90	5.4	1	7	3	15	5	0	0	0	0	0	0	0	0	1	7	10	13	0	0	10	14	7	3	5	5	1	4	2	3	1	
Inverness Benbecula 21 ft.	3	1013.5	-	10.8	0.6	12.0	92	4.0	11	3	10	3	0	0	0	0	0	0	0	0	1	1	3	4	22	0	1	6	21	3	6	5	2	5	1	4	3	2	
	9	1013.8	+2.7	13.5	1.6	12.7	81	4.9	0	5	11	13	2	0	0	0	0	0	0	0	1	0	3	6	21	0	1	15	15	0	1	6	7	4	3	5	1	4	
	15	1013.9	-	15.1	2.6	12.4	72	5.6	0	3	9	15	4	0	0	0	0	0	0	0	1	2	2	3	23	0	1	21	9	0	3	3	8	1	3	6	2	5	
	21	1013.9	-	11.7	0.9	12.3	89	5.2	0	7	5	13	6	0	0	0	0	0	0	0	1	8	2	19	0	0	9	20	2	4	7	6	2	2	3	1	4		
	21	1013.9	-	11.7	0.9	12.3	89	5.2	0	7	5	13	6	0	0	0	0	0	0	0	1	8	2	19	0	0	9	20	2	4	7	6	2	2	3	1	4		
1 SCOTLAND, E.																																							
Moray Kinloss 19 ft.	3	1014.0	-	10.1	0.7	11.4	91	5.6	1	5	4	11	10	0	0	0	0	0	0	1	5	2	9	14	0	1	7	22	1	2	5	6	0	5	9	3	0		
	9	1014.3	+2.7	13.3	1.8	12.3	80	6.3	0	2	6	17	6	0	0	0	0	0	0	0	4	3	5	19	0	1	9	20	1	5	6	4	0	0	3	10	2		
	15	1013.8	-	15.5	2.8	12.5	71	5.9	0	5	3	18	5	0	0	0	0	0	0	0	2	4	5	20	0	0	14	17	0	4	7	6	2	0	1	6	5		
	21	1014.4	-	12.1	1.3	12.1	85	6.1	0	5	1	17	8	0	0	0	0	0	0	0	1	3	4	9	14	0	0	10	17	4	2	4	9	2	3	2	4	1	
	21	1013.5	-	9.7	0.6	11.2	92	6.1	0	3	6	11	11	0	0	0	0	0	0	0	4	8	5	6	4	0	1	5	16	9	4	2	3	1	0	3	6		
Aberdeen Dyce 193 ft.	3	1013.8	+1.5	12.6	1.5	12.0	82	6.9	0	2	1	18	10	0	0	0	0	0	0	0	2	7	9	5	6	0	1	5	23	2	7	5	4	1	3	1	3	5	
	9	1013.6	-	14.2	2.2	12.3	76	6.6	0	2	3	15	11	0	0	0	0	0	0	0	1	2	6	8	9	5	0	1	11	18	1	3	4	6	5	6	1	0	5
	15	1014.1	-	11.4	0.9	12.2	90	6.1	1	2	5	14	9	0	0	0	0	0	0	0	3	6	8	11	2	1	0	1	3	24	3	5	0	4	2	4	1	5	7
	21	1014.0	-	11.1	0.7	12.0	91	5.6	0	2	11	13	5	0	0	0	0	0	0	0	0	7	24	0	0	0	3	10	15	3	8	0	5	1	4	1	6	3	
	21	1014.1	+2.1	12.8	1.4	12.4	84	5.7	0	1	11	14	5	0	0	0	0	0	0	0	0	3	19	9	0	0	2	13	14	2	8	1	6	1	4	0	6	3	
Angus Usan 114 ft.	3	1014.3	-	13.8	1.8	12.7	81	5.1	0	2	15	9	5	0	0	0	0	0	0	0	0	5	11	15	0	0	2	11	18	0	11	3	7	1	5	0	0	4	
	9	1014.4	-	11.9	1.0	12.3	88	5.6	0	3	8																												

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS AUGUST, 1966

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (ft.)	Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Yards and Miles)										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	0-44 yds.	45-210 yds.	220-430 yds.	440-1,000 yds.	1,100-2,100 yds.	2,200-4,300 yds.	3-6 mi.	7-12 mi.	13-24 mi.	25 or over mi.	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																																							
2 ENGLAND, N.E.																																							
Northumberland Acklington	151 ft.	3	1013.2	-	11.2	0.6	12.5	93	6.2	0	5	4	9	13	0	0	0	0	1	1	8	8	6	6	0	2	5	21	3	7	2	3	0	0	5	8	3		
		9	1013.7	+0.7	13.6	1.4	13.2	84	6.1	0	2	6	14	8	1	0	0	0	1	1	5	7	8	8	0	1	14	14	2	8	5	3	1	1	3	7	1		
		15	1013.4	-	15.2	2.2	13.4	78	6.0	0	3	8	11	9	0	0	0	0	1	2	3	11	4	10	1	1	13	16	0	6	7	6	2	1	1	3	4	2	
		21	1013.6	-	12.2	0.6	13.2	92	6.1	0	3	5	13	10	0	0	0	0	3	5	7	11	4	10	1	0	1	6	23	1	7	3	3	2	1	4	2	2	
		3	1013.4	+0.5	12.4	0.7	13.3	91	6.0	1	3	6	7	14	0	0	0	0	0	0	2	4	20	5	1	1	11	15	3	6	1	4	0	0	1	5	8	3	
		9	1013.8	-	13.6	1.2	13.5	87	6.3	0	2	8	7	14	0	0	0	0	0	2	4	10	8	7	0	1	1	18	11	1	12	0	5	1	2	2	5	0	
Tynemouth	130 ft.	15	1013.7	-	14.9	1.9	13.6	81	6.0	0	4	8	3	16	0	0	0	0	0	1	4	7	9	10	0	1	15	14	1	9	2	6	1	5	2	5	0		
		21	1013.8	-	13.4	0.9	13.8	89	6.3	0	2	6	9	13	1	0	1	0	0	3	10	14	3	0	2	12	15	2	8	3	4	1	6	1	6	0	0		
		3	1013.1	-	11.9	0.9	12.6	90	6.2	0	4	6	9	11	1	0	0	1	0	2	6	10	11	1	1	1	0	5	21	4	4	2	5	0	1	3	11	1	
		9	1013.6	-	13.3	1.5	12.9	84	6.2	0	6	2	8	13	2	1	1	0	0	1	8	8	6	6	0	2	5	24	0	7	3	7	2	1	3	6	2		
		15	1013.6	-	14.2	1.7	13.4	84	6.0	0	4	5	12	10	0	0	0	0	2	10	8	2	9	0	2	5	23	1	8	3	9	1	2	1	4	2			
		21	1013.6	-	12.8	1.2	12.9	87	6.0	0	3	9	6	13	0	0	0	0	1	2	8	11	7	2	0	1	4	22	4	4	6	2	3	3	1	5	3		
Seahouses	41 ft.	3	1013.5	-	11.7	0.9	12.4	90	5.6	1	6	5	4	15	0	0	1	0	1	0	5	10	8	4	2	0	1	3	16	11	5	3	0	1	2	2	4	3	
		9	1013.8	-	14.5	1.8	13.3	80	5.7	0	5	7	9	10	0	0	0	2	2	8	9	5	5	0	0	8	22	1	7	6	1	2	5	2	4	3			
		15	1013.2	-	16.7	2.8	13.7	72	6.3	0	10	11	10	0	0	0	0	0	2	7	7	10	5	0	1	10	18	2	5	8	2	4	1	1	7	1			
		21	1013.7	-	13.5	1.3	13.3	86	5.8	1	2	8	12	8	0	0	0	1	0	3	6	6	5	6	4	0	0	3	21	7	4	3	1	4	2	2	4	4	
		3	1013.7	-	13.7	1.3	13.5	86	6.3	0	4	5	9	12	1	0	1	0	2	3	8	7	10	0	0	3	10	16	2	3	3	4	2	4	3	4	6		
		9	1013.6	-	14.7	1.5	14.0	84	6.3	0	4	4	11	8	4	0	3	1	0	0	2	8	6	6	5	0	4	11	16	0	7	3	5	3	4	0	4	5	
Yorks, E. Riding Leconfield	28 ft.	21	1013.7	-	13.7	1.2	13.9	91	6.4	0	2	5	11	13	0	0	0	0	1	0	13	12	4	0	0	2	10	17	2	2	1	4	2	7	5	3	5		
		3	1013.3	-	11.9	0.5	13.2	93	5.8	0	8	6	4	13	0	0	0	0	1	1	3	17	3	2	4	0	0	5	20	6	5	1	3	1	3	2	6	4	
		9	1013.8	+0.2	14.9	1.8	13.7	81	5.8	0	4	9	10	8	0	0	0	0	0	2	15	5	5	4	0	0	17	14	0	6	4	3	1	5	2	6	4		
		15	1013.5	-	17.2	3.1	13.8	71	6.4	0	3	5	14	9	0	0	0	0	0	1	5	12	3	10	0	1	16	14	0	4	7	0	4	5	4	3	5		
		21	1013.8	-	13.5	1.0	13.8	88	6.3	0	4	5	8	14	0	0	0	0	1	2	13	9	4	2	0	0	8	19	4	3	2	3	3	3	4	4	5		
		3	1013.4	-	13.2	0.7	14.0	92	5.6	2	3	8	4	14	0	0	0	0	0	0	5	25	1	0	0	6	11	12	2	3	3	4	3	2	3	9	2		
Kilnsea	51 ft.	9	1014.0	0.0	14.5	1.3	14.1	86	5.3	2	5	6	8	10	0	0	0	0	0	1	9	21	0	0	0	5	12	14	0	3	4	5	1	2	4	9	3		
		15	1013.8	-	15.7	1.7	14.7	83	5.7	1	3	9	7	11	0	0	0	0	0	0	6	25	0	0	0	6	19	6	0	7	4	5	5	3	4	3	0		
		21	1014.0	-	14.2	0.9	14.6	89	5.8	1	3	7	8	12	0	0	0	0	1	0	6	24	0	0	0	4	15	9	3	3	4	4	5	5	3	4	2		
		3	1013.6	-	11.6	0.6	12.8	93	5.0	5	4	4	4	13	0	0	0	1	0	7	12	7	4	0	0	1	4	25	1	5	4	5	1	3	8	2	2		
		9	1014.0	-0.5	14.8	1.7	13.8	82	5.3	1	6	6	8	10	0	0	0	0	1	1	3	10	6	9	1	0	0	9	22	0	5	4	4	1	3	5	6	3	
		15	1013.3	-	18.0	3.4	14.1	68	5.3	1	1	10	14	5	0	0	0	0	0	1	3	8	12	7	0	0	0	13	17	1	3	5	2	2	3	6	4	5	
Yorks, E. Riding Binbrook	356 ft.	21	1014.1	-	13.5	1.2	13.4	86	5.3	1	7	5	7	11	0	0	0	0	1	0	8	15	4	3	0	0	7	24	0	3	5	3	5	5	4	3	5		
		3	1013.4	-	11.8	0.7	12.7	91	5.3	3	4	5	5	14	0	0	0	0	0	0	7	13	10	0	1	0	1	8	19	3	3	6	0	1	9	3	0		
		9	1013.8	-	14.5	2.0	13.0	79	5.0	7	5	10	9	0	0	0	0	2	0	1	8	13	5	2	0	0	0	17	13	1	4	4	5	0	1	8	4	4	
		15	1013.4	-	16.8	3.2	13.2	69	5.9	0	3	7	17	4	0	0	0	0	0	1	7	11	6	6	0	3	16	12	0	3	6	5	2	3	6	4	2		
		21	1013.9	-	13.3	1.3	13.2	86	5.6	0	5	7	10	9	0	0	0	0	0	1	15	9	6	0	0	1	10	18	2	1	4	3	4	5	4	3	5		
		3	1013.2	-	12.1	0.5	13.4	94	5.2	6	4	5	14	0	0	0	0	1	0	6	11	5	5	3	0	1	10	18	2	4	2	6	1	2	3	8	3		
Manby	47 ft.	9	1013.7	-0.5	15.5	1.8	14.3	81	5.2	1	7	7	8	8	0	0	0	2	0	7	12	6	4	0	0	0	16	15	0	5	3	3	2	2	7	6	3		
		15	1013.3	-	17.5	2.8	14.7	74	6.0	0	4	4	16	7	0	0	0	0	1	0	8	5	9	8	0	0	15	16	0	3	6	5	2	3	4	5	3		
		21	1013.8	-	13.3	0.7	14.1	91	5.4	1	8	3	11	8	0	0	0	0	1	1	15	9	5	0	0	0	5	23	3	3	3	2	2	4	7	3	4		
		3 ENGLAND, E.																																					
		Norfolk Marham	79 ft.	3	1013.7	-	11.8	0.6	13.0	93	4.3	7	5	4	4	11	0	0	0	0	0	3	16	6	6	0	0	0	5	22	4	3	4	2	3	2	6	5	2
				9	1014.2	-0.5	15.6	2.0	14.1	79	5.3	4	3	4	12	8	0	0	0	0	0	1	12	9	7	2	0	0	10	20	1	1	3	5	1	0	9	6	2
15	1013.8			-	18.7	4.1	13.6	63	5.6	3	2	3	19	4	0	0	0	0	1	2	11	13	4	0	0	0	15	16	0	5	3	4	0	3	4	5	7	3	
21	1014.5			-	13.8	1.3	13.5	85	4.3	7	5	3	6	10	0	0	0	0	0	2	8	11	9	0	0	0	3	26	2	2	2	4	5	3	4	7	2		
3	1013.6			-	11.4	0.4	13.0	95	4.3	8	5	3	4	11	0	0	0	0	1	2	7	12	9	0	0	0	1	11	16	3	0	5	3	2	10	3	0		
9	1014.0			-0.3	15.3	1.7	14.4	82	5.2	3	5	6	10	7	0	0	0	0	0	1	9	14	5	2	0	0	0	17	14	0	2	5	3	3	8	7	0		
West Raynham	263 ft.	15	1013.6	-	17.9	3.3	14.1	69	5.6	0	4	7	15	5	0	0	0	0	0	1	2	15	10	3	0	2	21	8	0	4	4	3	3	1	5	7	4	3	
		21	1014.3	-	13.1	0.9	13.5	89	4.8	4	7	4	6	10	0	0	0	0	1	9	13	8	0	0	0	0	13	15	3	1	4	3	5	3	5	5	2		
		3	1013.3	-	12.0	0.7	13.0	92	4.2	6	9	1	5	10	0	0																							

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

AUGUST,

1966

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (ft.)		Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Yards and Miles)							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	0-44 yds.	45-210 yds.	220-430 yds.	440-1,000 yds.	1,100-2,100 yds.	2,200-4,900 yds.	3-8 mi.	7-12 mi.	13-24 mi.	25 or over mi.	BEAUFORT FORCE						SPEED IN KNOTS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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4 MIDLAND COUNTIES —cont.		3	1013.6	-	11.9	0.6	12.9	92	5.1	6	4	1	7	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS AUGUST, 1966

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (ft.)		Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktaa)					VISIBILITY (Yards and Miles)										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	0-44 yds.	45-210 yds.	220-430 yds.	440-1,000 yds.	1,100-2,100 yds.	2,200-4,300 yds.	3-6 mi.	7-12 mi.	13-24 mi.	25 or over mi.	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.		
																										SPEED IN KNOTS														
																										8 or more	9-10	11-12	13-14	15-16										
Number of Observations																																								
7a ENGLAND, N.W. Cumberland Carlisle 92 ft.		3	1013.9	-	11.1	0.6	12.4	93	5.4	4	3	6	5	13	0	0	0	0	1	1	2	9	11	7	0	0	0	3	16	12	1	1	7	0	2	5	2	1		
		9	1014.1	-	14.0	1.4	13.5	84	5.9	0	3	9	10	9	0	0	0	0	0	0	0	15	8	7	1	0	0	1	4	22	4	4	3	7	1	1	7	4	0	
		15	1013.6	-	16.0	2.7	13.2	73	6.4	0	1	6	15	9	0	0	0	0	0	0	2	11	6	9	3	10	0	0	1	7	21	2	4	3	6	2	0	4	9	1
		21	1013.9	-	13.0	1.2	13.0	86	5.9	0	4	6	12	9	0	0	0	0	0	0	2	11	6	9	3	0	0	0	5	17	9	0	3	9	1	0	5	3	1	
		3	-	-	6.7	0.1	9.7	98	6.9	3	0	2	0	1	25	11	14	0	0	0	0	0	2	4	0	1	4	17	8	1	2	5	8	0	1	7	5	2		
Westmorland Great Dun Fell —		9	-	-	7.8	0.2	10.3	97	7.1	0	1	4	2	2	22	5	17	0	0	0	2	2	5	0	0	8	15	5	3	2	6	6	0	1	8	2	3			
		15	-	-	9.3	0.8	10.6	90	7.1	0	0	5	5	7	14	5	9	0	0	0	4	1	11	1	1	9	9	10	2	0	6	7	0	3	3	7	3			
		21	-	-	7.9	0.3	10.3	95	6.8	1	0	5	7	1	17	13	5	0	0	0	0	2	4	6	1	1	5	15	8	2	0	6	7	0	3	3	7	3		
		3	1013.5	-	12.0	0.8	12.9	91	5.5	3	3	6	8	11	0	0	0	0	1	5	10	8	6	1	0	2	7	19	3	1	4	9	3	1	1	6	3			
		9	1013.7	-0.1	14.9	1.6	14.0	83	6.0	0	4	6	9	12	0	0	0	0	0	1	2	14	7	5	2	0	1	12	16	2	2	3	8	1	6	3	5	1		
Lancashire Squires Gate 35 ft.		15	1013.2	-	17.0	2.5	14.6	75	6.1	0	2	6	18	5	0	0	0	0	0	1	6	10	10	4	0	2	18	11	0	3	1	7	1	2	1	8	8			
		21	1013.4	-	14.1	1.2	13.9	86	5.3	1	6	3	18	3	0	0	0	0	0	3	11	9	8	0	0	1	13	17	0	2	0	10	0	3	1	7	8			
		3	1013.8	-	12.1	0.9	12.7	89	4.8	0	8	7	9	7	0	0	0	0	0	6	11	7	6	1	0	1	6	16	8	2	2	4	5	1	3	4	2			
		9	1014.0	-	14.6	1.7	13.7	82	6.1	0	3	5	15	8	0	0	0	2	4	12	8	5	0	0	0	10	17	4	4	3	4	3	5	2	2	2				
		15	1013.5	-	17.6	3.0	14.4	71	6.0	0	4	4	16	7	0	0	0	0	2	8	6	8	7	0	1	13	14	3	1	2	3	3	2	9	5	3				
Cheshire Ringway 251 ft.		21	1013.9	-	14.3	1.4	13.8	84	5.2	2	6	5	14	4	0	0	0	2	15	7	4	1	0	0	1	7	20	3	3	2	5	2	3	2	8	3				
		3	1013.9	-	11.5	0.8	12.4	90	5.4	1	5	6	8	10	1	0	1	0	1	4	9	12	3	0	0	0	6	19	6	3	4	4	0	9	1	4	0			
		9	1014.0	-0.1	14.2	2.0	12.7	79	5.5	0	8	5	9	9	0	0	0	0	10	5	13	3	0	0	0	11	17	3	2	3	4	0	10	2	3	4				
		15	1013.1	-	17.3	3.8	12.6	64	6.3	0	1	9	11	10	0	0	0	0	1	12	9	6	2	0	1	8	22	0	3	1	4	2	4	5	9	3				
		21	1014.0	-	14.1	1.7	13.1	81	5.6	1	4	6	11	9	0	0	0	0	0	6	13	11	1	0	0	0	7	16	8	1	4	3	2	3	5	4	1			
7b NORTH WALES Anglesey Valley 37 ft.		3	1013.3	-	12.3	0.6	13.3	92	5.2	3	5	6	6	10	1	0	1	0	2	7	10	6	4	0	1	9	16	5	4	4	4	1	4	3	3	3				
		9	1013.6	-0.4	14.9	1.6	14.0	82	6.0	0	5	2	15	9	0	0	0	0	2	3	6	6	8	0	1	14	14	2	3	3	7	1	4	6	3	2				
		15	1013.4	-	17.1	2.6	14.5	75	5.8	0	1	11	13	6	0	0	0	0	0	1	7	8	5	10	0	5	11	13	2	7	4	1	1	4	6	2	4			
		21	1013.7	-	13.9	1.0	14.1	88	5.6	0	6	4	15	6	0	0	0	0	2	10	10	4	5	0	3	9	14	5	3	4	5	1	4	3	4	2				
		3	1013.8	-	13.7	0.8	14.3	91	4.7	3	4	10	5	7	2	0	0	1	1	0	3	11	14	1	0	4	17	7	3	8	0	5	0	3	5	6	1			
Caernarvon Bardsey Island 63 ft.		9	1013.9	-	14.6	1.2	14.4	87	5.3	1	5	7	7	10	1	0	0	1	0	1	4	5	14	6	0	9	10	10	2	6	1	6	5	3	2	5	1			
		15	1014.0	-	16.0	1.3	15.6	86	4.9	0	5	13	6	6	1	0	0	1	0	0	5	5	17	3	0	4	13	12	2	4	1	2	2	8	1	5	6			
		21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
		3	1013.8	-	12.2	0.7	13.1	91	4.9	2	9	2	9	8	1	0	1	0	0	2	5	9	7	6	0	0	8	18	5	1	0	2	4	11	2	3	3			
		9	1013.8	-0.5	14.4	1.5	13.7	83	5.3	1	5	5	12	8	0	0	0	0	1	1	11	8	3	7	0	2	10	14	5	2	1	3	5	5	1	6	3			
8a SOUTH WALES Cardigan Aberporth 439 ft.		15	1014.1	-	15.8	2.3	13.7	77	5.7	0	5	6	12	8	0	0	1	0	0	1	10	8	5	6	0	2	9	19	1	4	1	4	2	4	1	9	5			
		21	1014.2	-	13.5	1.2	13.5	86	5.2	0	9	3	12	5	2	0	1	1	1	0	5	9	7	6	0	1	11	11	8	1	1	3	2	3	4	6	3			
		3	1013.9	-	13.2	0.8	13.9	91	4.3	7	5	3	9	5	2	0	1	0	1	0	11	8	10	0	0	1	9	19	2	4	6	4	2	1	6	0	6			
		9	1014.1	-	15.0	1.4	14.5	85	5.6	1	5	4	13	7	1	0	0	1	1	15	4	9	0	0	1	13	12	5	1	2	4	4	5	2	3	5				
		15	1014.1	-	17.2	2.5	14.9	77	5.3	0	5	7	13	5	1	0	0	1	0	14	8	8	0	0	0	1	13	17	0	0	3	3	3	6	7	6				
Glamorgan Mumbles 123 ft.		21	1014.4	-	14.6	1.2	14.4	87	5.3	2	3	9	11	6	0	0	0	1	0	15	6	9	0	0	0	1	8	21	1	5	3	4	1	0	7	5	0			
		3	1013.8	-	13.9	1.3	13.7	86	4.3	6	3	10	3	9	0	0	0	0	0	8	11	10	2	0	4	10	16	1	7	5	6	0	3	3	6	0				
		9	1014.1	-	15.2	1.7	14.2	81	5.6	1	5	7	7	10	1	0	1	1	0	3	12	8	2	4	1	2	18	8	2	1	3	8	2	3	5	4	3			
		15	1013.9	-	16.8	2.5	14.4	75	5.5	0	3	11	9	8	0	0	0	1	0	0	12	10	4	4	0	9	14	8	0	1	5	2	1	12	9	0				
		21	1014.3	-	15.3	1.9	13.9	80	4.4	2	9	6	7	7	0	0	0	0	2	4	18	3	4	1	1	12	17	0	3	2	5	0	0	4	12	5				
Rhoose 225 ft.		3	1013.6	-	12.5	0.5	13.7	93	4.8	7	2	5	7	10	0	0	0	0	1	2	9	9	10	0	0	1	8	21	1	4	5	4	2	1	4	6	4			
		9	1014.4	-0.9	15.3	1.5	14.7																																	

TABLE VIII—NUMBER OF DAYS IN AUGUST, 1966
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	24	7	0	0	0	0	0	0	0	2	20	9	0	Edgbaston	0	0	0	2	21	7	1	0	0	0	0	0	0	0	10	19	2	
Stornoway	0	0	0	13	18	0	0	0	0	0	0	0	3	15	13	0	Kew	0	0	0	0	16	12	3	0	0	0	0	0	0	0	7	20	4	
Craibstone	0	0	0	27	12	2	0	0	0	0	0	0	4	21	6	0	Hastings	0	0	0	0	25	6	0	0	0	0	0	0	0	0	0	5	23	3
Rothsay	0	0	0	5	26	0	0	0	0	0	0	0	0	15	16	0	Southampton	0	0	0	0	16	14	1	0	0	0	0	0	0	0	0	10	18	3
Abbotsinch	0	0	0	3	17	1	0	0	0	0	0	0	7	8	16	0	Stonyhurst	0	0	0	0	5	21	5	0	0	0	0	0	0	0	2	19	0	0
Eskdalemuir	0	0	0	10	21	0	0	0	0	0	0	0	7	14	10	0	Bidston	0	0	0	2	26	3	0	0	0	0	0	0	0	0	0	5	26	0
Douglas	0	0	0	7	24	0	0	0	0	0	0	0	0	13	18	0	Valley	0	0	0	0	26	5	0	0	0	0	0	0	0	0	0	7	24	0
Cockle Park	0	0	0	14	16	1	0	0	0	0	0	0	2	14	15	0	Falmouth	0	0	0	0	26	5	0	0	0	0	0	0	0	0	0	7	23	1
Gorleston	0	0	0	2	20	9	0	0	0	0	0	0	0	6	20	5	Aldergrove	0	0	0	3	28	0	0	0	0	0	0	0	0	0	4	12	15	0
Cambridge	0	0	0	0	19	7	5	0	0	0	0	0	1	11	18	1	Armagh	0	0	0	2	27	2	0	0	0	0	0	0	0	0	3	15	13	0

TABLE XIII—SOLAR RADIATION AND ILLUMINATION. AUGUST, 1966

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	658	7	81	16	409.9	31	335	2	81	16	223.1	31	760	7	103	16	477.0	31
Eskdalemuir	681	15	53	21	285.8	31	314	1	50	21	188.1	31	(751)	15	66	21	322.9	31
Cambridge	627	17	79	30	402.2	31	303	6	77	30	209.5	31	-	-	-	-	-	-
London (High Holborn) ..	639	14	102	30	383.1	31	277	2	98	30	196.7	31	697	14	123	30	437.7	31
Kew	652	17	139	30	393.8	31	280	2	97	17	206.2	31	786	17	174	30	468.1	31
Bracknell (Easthamstead) ..	657	17	152	30	398.9	31	294	2	82	17	221.6	31	746	17	180	30	439.4	31
Aberporth	699	4	111	13	444.6	31	369	7	109	16	230.5	27	-	-	-	-	-	-

TABLE III—ADDITIONS AND CORRECTIONS

[illegible]

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Printed in England for H.M. Stationery Office by Keyswift Ltd., Edgware. Dd. 125625 K.12. 11/66. Gp. 1708. 72-7-66-8.

Monthly Weather Report OF THE METEOROLOGICAL OFFICE

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

Volume 83 Number 9

Published by HER MAJESTY'S STATIONERY OFFICE

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September 1966 — Dry after an unsettled start

The first half of the month was predominantly cyclonic in character apart from an anticyclonic spell on the 7th-10th, but weather during the second half was generally anticyclonic.

A complex depression moving north-eastwards across northern districts brought widespread rain on the 1st which continued, heavy at times, in Scotland until the morning of the 2nd. Most of England was sunny with scattered showers on the 2nd and 3rd, but fronts, associated with a deep depression approaching from the Atlantic, brought a renewal of heavy rain to Scotland and Northern Ireland on the 3rd, when more than 1 inch was recorded widely in both countries. Rain and strong winds spread southwards to affect most other districts on the 4th. There was extensive flooding in the Lake District. A deep depression brought rain to most parts of the country on the night of the 5th/6th and severe gales to northern districts on the 6th, as it skirted north-west Scotland; gusts of 70 kt were recorded in the Hebrides and Shetlands.

After the passages of the depression a ridge of high pressure built up over England and Wales and the next four days were generally dry and sunny, except that a trailing cold front associated with the depression brought some rain to southern England on the 8th, and fronts from the Atlantic brought increasing rain to Scotland and northern England on the 9th and 10th as the high pressure moved southwards.

The 11th-14th was rather an unsettled period with depressions moving eastwards between Scotland and Iceland. The 11th was generally dull and wet and rain became prolonged and heavy in parts of Scotland during the night as a deep trough moved eastwards across the country, but in south-east England the rain was mainly slight. The rain was followed by a showery day with good sunny periods on the 13th and further rain reaching western districts early on the 14th continued well into the night.

Weather changed on the 15th. A pronounced ridge of high pressure crossing the country with north-westerly winds and scattered showers heralded a period of quiet dry weather as the ridge was quickly followed by an anticyclone from the region of the Azores which remained over the British Isles until the 27th. Apart from the extreme north of Scotland, where it was dull with occasional rain or drizzle, most parts of the country were dry and sunny, particularly in the south. The Channel Isles averaged about 10 hours of sunshine daily from the 16th to the 24th. The warmest period was the 19th-22nd when afternoon temperatures reached 23°C at a number of places. With clear skies mist or fog formed in the Midlands, East Anglia and southern England on most nights. Up to the 22nd the fog generally cleared by mid-morning but subsequently it was much slower to clear and persisted in some places all day.

The anticyclone moved eastwards on the 28th and rain from the Atlantic spread to many western districts but it was mainly slight except in the extreme south-west. A shallow depression moving slowly eastwards over northern France brought considerable rain to south-east England during the last two days of the month.

Pressure and Wind — Mean pressure was above the 1931-60 average except in the extreme north of Scotland the difference at 9hr ranging from -1.3 mb at Lerwick to +2.8 mb at Kew. Surface winds were mainly between south-west and west during the first half of the month except for a period of light and variable winds on the 7th-9th; they were predominantly light and variable during the whole of the second half. Winds reached gale force on 10 days in Scotland and also in England and Wales, all during the first half of the month. Gales were widespread in Scotland on the 6th and in southern England on the 4th. Gusts of 70 kt were recorded at Lerwick and Stornoway on the 6th.

Temperature — Mean temperature was above the 1931-60 average, the excess being greatest in south-east England during the first half of the month. The coolest days occurred during the third week and in northern districts the mildest period occurred towards the end of this week. Air frost was recorded at one or two places on the 9th, 16th, 22nd and 26th.

Extremes included: (England and Wales) 24.6°C at Manston on the 12th, -1.1°C at Santon Downham on the 19th and Cwmystwyth on the 26th; (Scotland) 22.2°C at Fettercairn and Whitehillochs on the 20th and Mertoun on the 21st, (0.0)°C at Cairngorm on the 16th; (Northern Ireland) 22.2°C at Armagh on the 1st, 1.1°C at Lislap Forest on the 16th and at Loughermore Forest on the 24th.

Rainfall — In Scotland rainfall was mostly above the 1916-50 average south of a line from Colonsay to Onich to Sourhope, but less than half the average over much of Aberdeenshire and Angus. In England and Wales rainfall was mostly below average except in parts of Cumberland and locally in the West Riding of Yorkshire, Derbyshire and Buckinghamshire. It was less than half the average in many eastern and southern counties and less than 25 per cent of the average locally in some coastal areas of Yorkshire (N. Riding) and eastern Kent.

Thunder was heard on 7 days in England and Wales, mainly during the first half of the month. Thunderstorms were fairly widespread in eastern England on the 1st and 2nd; they occurred on 4 days in Scotland.

Sunshine — Sunshine was around average in some Border areas, but elsewhere in Scotland it was below with deficits of as many as 50 hours in some western districts. It was mainly above average in southern and western districts of England and Wales with percentages ranging from 142 at Lley-evan-hen to 80 at Llandrindod Wells.

Fog — In Scotland fog was observed at 9 hr at one place or another on 13 mornings, but was never widespread. In England and Wales it occurred on 18 mornings and was widespread on the 20th-22nd, 24th and 25th.

Miscellaneous Phenomena — The aurora was visible in Scotland on 8 nights.

TABLE I—DISTRICT VALUES, SEPTEMBER, 1966

DISTRICTS	AIR TEMPERATURE					EARTH TEMP.		RAIN DAYS	RAIN-FALL	SUN-SHINE
	*Highest Max.	*Lowest Min.	Max.	Min.	Mean	Mean 1 ft.	Mean 4 ft.			
	Difference from Average									
0 SCOTLAND, N.	18.5	2.3	-0.1	+0.2	+0.2	-	-	-1	90	68
1 SCOTLAND, E.	21.7	3.3	+0.2	+0.7	+0.7	-	-	-1	76	86
2 ENGLAND, N.E.	22.2	3.3	0	+0.3	+0.3	+0.5	-0.1	-4	59	88
3 ENGLAND, E.	23.1	3.3	+0.2	+0.2	+0.2	+0.2	-0.2	-5	38	110
4 MIDLANDS	22.2	3.3	+0.1	+0.1	+0.1	+0.3	+0.1	-5	66	113
5 ENGLAND, S.E.	23.9	2.6	+0.5	+0.3	+0.3	-0.1	-0.3	-4	58	114
6 SCOTLAND, W.	20.1	2.2	0	+0.4	+0.4	+0.5	-0.3	-3	123	80
7 ENGLAND, N.W. and N. Wales	20.4	2.8	+0.3	+0.3	+0.3	+0.3	+0.2	-5	98	107
8 ENGLAND, S.W. and S. Wales	22.8	1.1	+0.3	+0.3	+0.3	+0.6	+0.3	-4	60	97
N. IRELAND	22.2	3.4	+0.5	+0.5	+0.5	-	-	-3	82	95
SCOTLAND	-	-	0	+0.4	+0.4	-	-	-2	89	78
ENG. and WALES	-	-	+0.2	+0.3	+0.3	-	-	-5	66	105

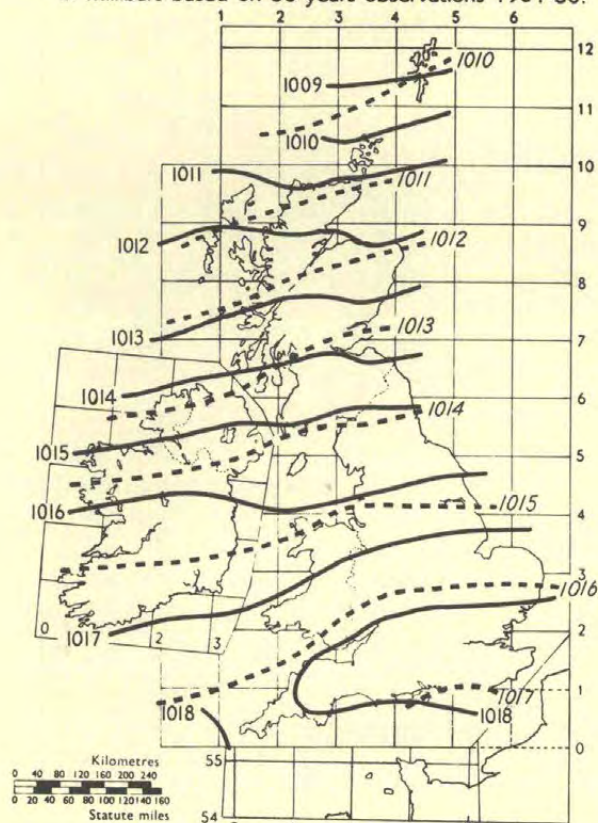
*Highest Max. and Lowest Min. of the District Value Stations.

TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— SEPTEMBER, 1966

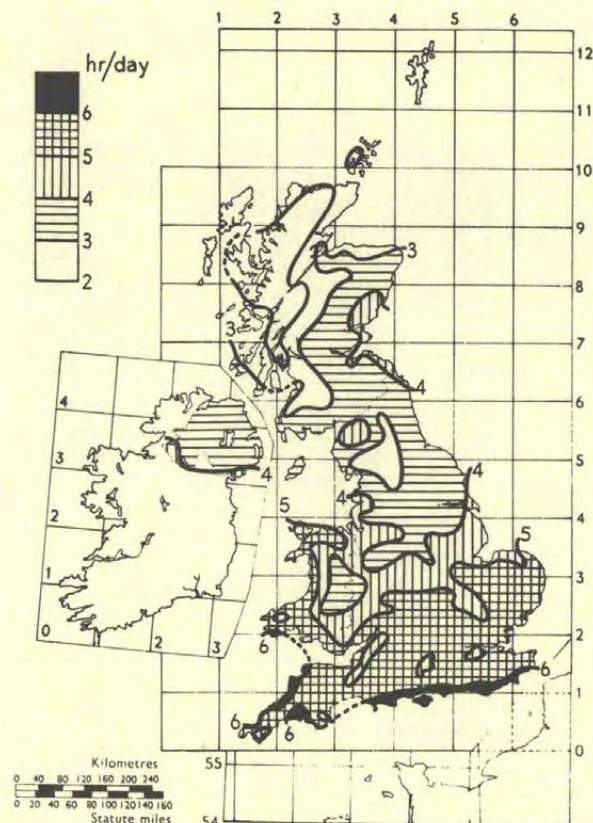
DISTRICT COUNTY AND PLACE			HEIGHT OF VANE IN FEET			DISTRIBUTION OF MEAN HOURLY VALUES OF WIND SPEED										Mean Hourly Wind Speed in knots	HIGHEST VELOCITIES					
			Above Mean Sea Level	Above ground	Effective Height	34 Knots or more (Gale force)				22 to 33 knots		11 to 21 knots	4 to 10 knots	Less 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	Zetland	Lerwick	304	33	33	6, 7, 16	21	15	150	274	257	18	0	15.1	240	49	6	13	240	70	6	1305
	Orkney	Kirkwall	134	50	33	6	15	13	125	237	297	46	0	13.3	250	58	6	13	250	79	6	1140
	Caithness	Dounreay	110	39	30	6	15	12	128	392	185	0	0	15.5	250	46	6	10	250	67	6	1355
	Sutherland	Shin	78	33	33																	
	Ross & Cromarty	Stornoway (C'Guard)	120	40	36	4, 6	19	13	117	289	136	159	0	12.9	240	50	6	09	240	73	6	0805
	Inverness	Duirinish	125	65	55	Ø																
		Benbecula	52	33	33	5, 6	11	9	66	323	229	91	0	12.3	250	37	6	07	240	59	6	0525
		Fort Augustus	189	53	53	-	0	2	17	161	222	320	0	6.2	230	32	6	06	230	53	6	0555
		(N.S.H.E.B)																				
1	Moray	Kinloss	57	41	41	6	8	9	50	209	312	141	0	10.0	250	43	6	12	250	63	6	1145
		Lossiemouth	101	80	60	6	3	7	40	193	330	154	0	9.0	250	36	6	11	250	63	6	0930
	Aberdeen	Dyce	234	30	30	-	0	2	14	171	326	209	0	7.4	270	32	6	14	270	54	6	1615
	Angus	Bell Rock	128	131	124	6, 15	17	14	98	321	196	88*	0	13.7	260	42	6	15	280	56	6	1415
	Perth	Rannoch	1006	56	57	Ø																
		Tummel Bridge	528	53	53	-	0	1	14	57	261	383	5	4.5	260	30	6	03	-	60	6	0700
	Fife	Leuchars	78	40	40	6	2	3	18	225	367	108	0	9.1	240	34	6	13	240	55	6	1215
	Midlothian	Turnhouse	137	40	33	6	10	4	16	240	275	179	0	9.1	260	40	6	14	260	63	6	1310
		Edinburgh, Blackford Hill	496	50	34	6																
6a	Argyll	Tiree	89	60	47	5, 6, 15	12	9	88	324	118	178	0	11.9	320	37	15	04	230	55	6	0655
	Bute	Millport	50	34	34	6																
	Dunbarton	Cumbernauld	543	33	33	*																
	Renfrew	Paisley	188	81	31	-	0	3	6	104	283	327	0	5.1	260	25	6	08	270	52	5	2335
		Abbotsinch	52	33	33	5	1	4	35	193	290	201	0	8.0	250	35	5	24	270	62	5	2345
	Lanark	Lowther Hill	2415	43	33	4, 6, 14, 15	26	15	123	280	231	60	0	14.2	280	45	6	11	250	61	6	0210
	Ayr	Hunterston	41	30	30	6	1	7	36	189	191	303	0	7.6	250	34	6	03	230	52	6	0250
		Prestwick	68	33	33	-	0	6	26	211	308	175	0	8.4	240	26	15	03	220	46	14	1230
	Dumfries	Chapelcross	310	50	50	6																
		Eskdalemuir	825	50	35	-	0	5	23	120	187	390	0	5.1	210	28	4	02	270	60	6	10
	Wigtown	West Freugh	81	33	33	15	1	3	20	179	410	106	4	8.4	310	34	15	05	320	59	15	0140
6b	Isle of Man	Ronaldsway	82	33	33	-	0	8	51	225	285	159	0	9.5	280	33	15	06	270	49	15	0530
		Point of Ayre	64	33	33	15	4	7	34	323	202	157	0	10.3	290	39	15	06	300	53	15	0610
2	Durham	Durham	389	53	33	-	0	2	4	179	272	262	3	6.7	200	24	5	17	190	46	14	1035
		South Shields	73	57	44	-	0	2	9	142	362	207	0	6.8	330	27	15	12	300	40	6	1220
	Lincoln	Cranwell	288	47	47	-	0	6	25	212	237	246	0	8.0	200	25	4	12	270	41	2	1230
		Manby	85	33	33	-	0	2	2	197	297	224	0	7.1	200	23	4	13	230	34	4	0930
3	Norfolk	Gorleston	54	43	43	6																
	Suffolk	Mildenhall	98	83	60	-	0	3	13	138	258	311	0	6.0	280	23	15	12	270	45	15	1035
	Bedford	Bedford	322	42	30	-	0	5	15	156	420	129	0	7.7	260	26	15	10	260	43	15	0920
		Cardington	226	133	133	-	0	8	65	189	312	150	4	9.7	280	29	15	11	280	46	15	0155
	Hertford	Garston	307	50	33	-	0	0	0	67	348	305	0	4.7	320	18	15	14	220	31	4	1035
		Rothamsted	461	41	33	-	0	0	0	43	318	359	0	4.4	290	15	15	12	290	37	15	1140
	Essex	Stansted	351	31	31	-	0	1	2	176	367	146	29	7.6	270	23	15	12	270	37	15	1000
		Coryton	66	57	48	-	0	1	1	163	365	132	59	7.4	200	22	4	14	280	42	15	1215
		Shoeburyness	118	106	91	4	3	9	60	845	285	27	0	12.5	200	37	4	13	200	47	4	1235
4	Yorks, W.R.	Sheffield	533	83	35	-	0	1	1	46	121	552	0	2.3	290	22	15	09	280	47	15	0625
	Warwick	Edgbaston	643	118	73	-	0	3	3	163	352	202	0	6.8	270	22	15	10	270	41	15	0820
		Elmdon	343	31	31	-	0	5	18	165	264	273	0	6.9	270	30	15	10	280	50	15	0920
	Buckingham	Amersham	500	50	50	-	0	0	0	119	428	173	0	6.1	180	18	4	12	180	42	4	1315
	Stafford	Keele	706	50	33	-	0	2	2	85	271	362	0	4.8	170	23	4	10	270	47	15	0850
	Worcester	Pershore	154	33	33	-	0	6	23	169	280	248	0	7.3	230	30	4	12	220	47	4	1110
5	Greater London	London W/Centre	306	229	125	-	0	3	3	239	413	65	0	9.3	240	22	2	15	240	42	2	1210
		Heathrow	115	33	33	-	0	2	4	170	421	125	0	7.6	280	23	15	10	200	36	4	1210
		Hampton	139	101	100	-	0	1	2	146	328	244	0	6.2	260	22	15	10	270	38	15	1005
		Kew	92	75	50	-	0	0	0	144	333	243	0	6.2	210	20	4	11	210	37	4	0955
	Surrey	Gatwick	232	38	33	-	0	2	5	138	307	270	0	6.2	220	24	4	14	210	43	4	1210
	Kent	Isle of Grain	48	40	33	-	0	1	9	216	201	294	0	7.0	210	29	4	14	210	46	4	1415
		Dover	68	38	62	-	0	4	27	362	279	52	0	11.9	220	28	2	15	200	52	4	1530
	Sussex	Thorney Island	51	33	33	-	0	5	32	229	361	98	0	9.5	210	32	4	13	210	43	4	1255
	Berkshire	Abingdon	295	40	40	-	0	0	0	156	289	275	0	6.3	250	21	2	14	280	35	15	09

MEAN PRESSURE AT 9 G.M.T.

The dotted lines show the normal distribution of pressure in millibars based on 30 years observations 1931-60.

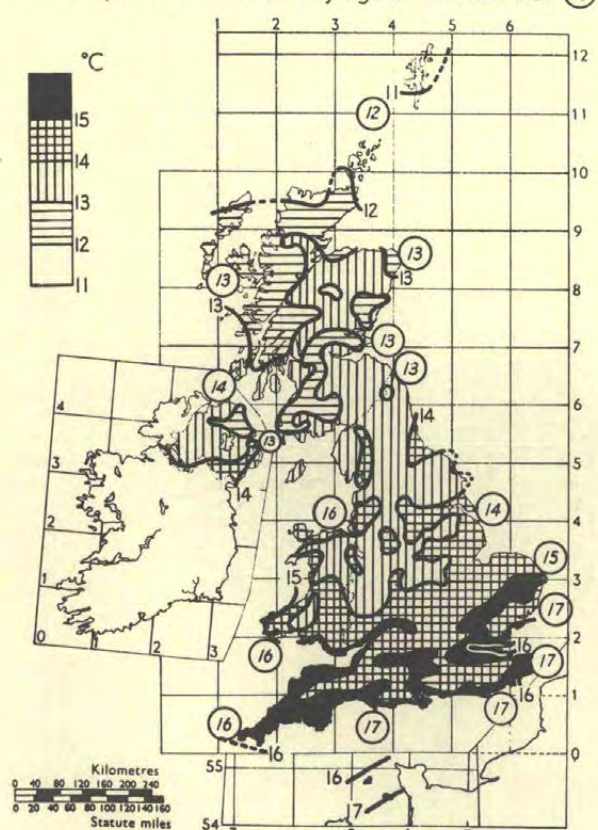


BRIGHT SUNSHINE

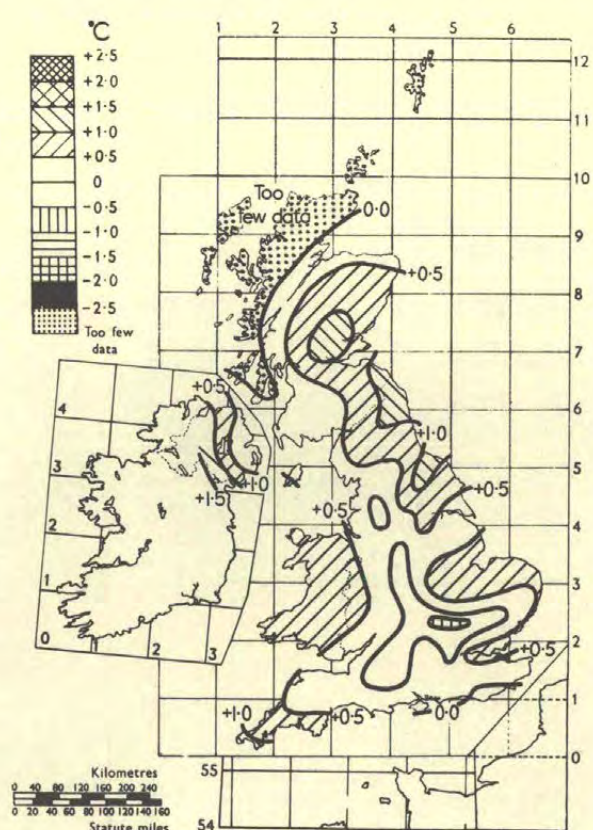


MEAN AIR TEMPERATURE

Reduced to sea level by a correction of 1°C. for 500 ft. Sea temperatures are shown by figures in circles thus (10)



ANOMALY OF MEAN 1 ft. EARTH TEMPERATURE



RAINFALL

SEPTEMBER 1966

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

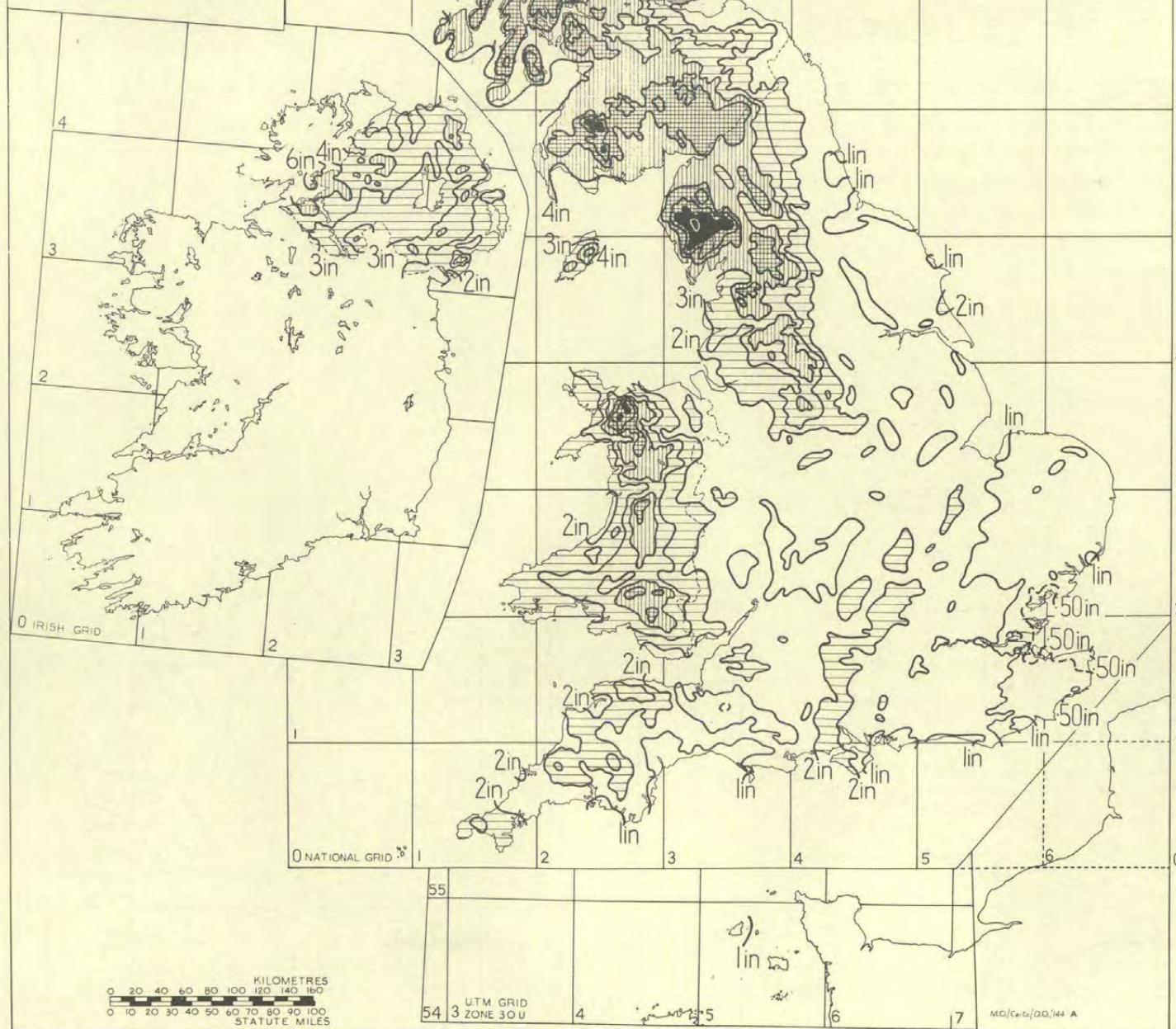
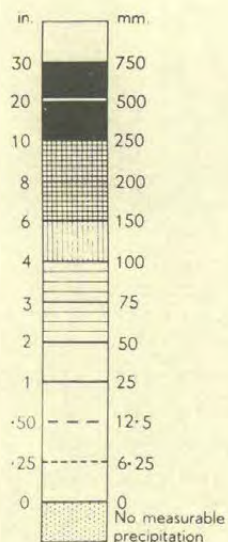


TABLE III

—SUMMARY OF DAILY OBSERVATIONS SEPTEMBER, 1966

DISTRICT, COUNTY AND PLACE		Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (feet)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)			WEATHER Number of Days										BRIGHT SUNSHINE						
					MEANS OF		Mean Temperature (Mean of A & B)	Difference from Average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (inches)	Per cent of 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	Gale	Daily Mean (hr.)	Per cent of Average	Exposure				
					A Max.	B Min.			Maximum	Date	Minimum	Date																			Amount (inches)	Date	-0.01in (0.2mm) or more	-0.04in (1.0mm) or more
0 SCOTLAND, N.																																		
Zetland	Hannaboe	9 9	70	12.7	9.2	10.9	-	16.1	1	3.9	28	-	-	2.66	-	.60	12	24	14	0	0	0	0	0	0	-	4	2.65	-	-				
	Lerwick	21-9	269	12.2	8.5	10.3	-0.3	15.1	4	2.3	27	-	-	3.43	87	.52	12	25	17	0	0	0	0	2	0	1	7	2.47	70	-				
Orkney	Baltsound	9 9	78	12.7	7.6	10.1	-	15.6	1,4	0.6	28	10.7	-	4.47	110	1.19	12	24	18	0	0	0	0	1	0	-	5	2.05	-	-				
	Sule Skerry	9 9	43	13.0	10.8	11.9	-	15.2	1	8.2	9	-	-	3.86	-	.48	20	21	15	0	0	0	0	0	0	2	-	-	-	-				
	Stenness	9 9	75	13.9	9.7	11.8	-	16.7	4	5.6	9	11.7	10.9	2.70	72	.45	9	23	15	0	0	0	0	1	0	0	4	1.85	-	-				
	Evie	9 9	110	13.3	9.4	11.3	-	16.1	11	4.4	9	-	-	2.77	-	.62	3	23	15	-	-	-	1	0	0	-	2.30	-	-	-				
Caithness	Kirkwall	21-9	84	13.8	9.4	11.6	-	17.3	4	4.5	9	-	-	2.85	76	.53	9	24	14	0	0	0	0	0	0	2	2.07	53	-	-				
	Dounreay	9 9	73	14.6	9.4	12.0	-	17.8	4,11	6.7	9,11,12	-	-	4.09	-	1.26	1	18	15	-	-	-	0	0	0	1	-	-	-	-				
	Wick	21-9	119	14.5	9.0	11.7	+0.2	18.5	4	4.1	9	-	-	2.99	103	.94	1	17	11	0	0	0	0	0	0	1	2.41	61	-	-				
Sutherland	Cape Wrath	21-9	367	12.7	9.5	11.1	-0.5	15.4	6	5.4	16	-	-	4.42	96	.72	14	24	21	0	0	0	0	4	0	6	2.49	-	-	-				
	Achany	9 9	280	15.2	9.1	12.1	-	18.3	12,19,20	5.0	16	12.9	11.9	3.25	89	.51	13	26	16	0	0	0	0	0	1	2	2.58	-	-	-				
Ross & Cromarty	Strathay	9 9	120	14.5	8.4	11.5	+0.1	17.8	19	5.0	9	-	-	3.98	98	.80	1	21	16	0	0	0	0	0	0	1	1.69	50	-	-				
	Stornoway	21-9	11	14.6	9.8	12.2	+0.4	16.6	4	4.2	18	-	-	3.38	90	.65	3	20	15	0	0	0	0	0	1	1	2.74	74	-	-				
	Balmacara	9 9	2	15.1	10.4	12.7	-	16.7	1,3,5	6.1	16	-	-	4.89	-	1.18	3	19	18	0	0	0	0	0	0	-	0	-	-	-				
Inverness	Poolewe	9 9	20	14.9	10.7	12.8	-	17.8	3,5	7.8	16	-	-	4.83	85	.84	13	21	20	-	-	-	0	0	0	-	1.95	-	-	-				
	Rudh Re	9 9	53	13.5	10.1	11.8	-	17.4	1	7.5	9	-	-	-	-	-	-	-	-	0	0	0	0	0	0	2	3	-	-	-				
	Inverpoll	9 9	45	14.7	10.4	12.5	-	18.3	3	7.8	9,15	13.0	-	4.51	-	.71	13	23	23	0	0	0	0	0	0	0	-	-	-	-				
	Achnashellach	9 9	220	14.8	9.1	11.9	+0.3	18.3	17	3.9	16	-	-	7.40	104	1.29	6	22	21	0	0	0	0	0	0	0	1	-	-	-				
	Kinlochewe	9 9	76	15.4	10.1	12.7	-	18.3	1,18	6.1	16	12.9	-	5.87	83	1.06	13	21	18	0	0	0	0	0	2	1	1	1.27	-	-	S			
	Fortrose	21-9	15	15.1	11.2	13.1	+0.3	17.8	20	8.9	15,16	-	-	1.56	71	.28	10	16	10	0	0	0	0	0	0	1	3.12	80	-	-				
	Tarbatness	9 9	60	14.6	10.4	12.5	-	18.0	19,(20)	7.0	15,16	-	-	1.59	78	.29	13	17	10	0	0	0	0	0	0	1	-	-	-	-				
	Benbecula	21-9	19	14.6	10.8	12.7	+0.4	17.9	2	7.0	3	-	-	4.84	115	1.10	1	22	16	0	0	0	0	0	0	2	2.25	-	-	-				
	Isle of Rhum	9 9	15	14.8	10.0	12.4	-	17.2	11	5.0	9	14.1	13.3	8.87	95	1.55	3	20	17	0	0	0	0	1	0	4	-	-	-	-				
	Prabost	9 9	220	14.3	9.8	12.1	-	17.8	17	6.7	16	-	-	5.84	87	.96	3	26	19	0	0	0	0	0	0	4	1.66	-	-	-				
	Duntulm	9 9	294	13.7	10.2	11.9	+0.1	17.2	1	8.3	14,15	-	-	4.38	87	.55	13	21	17	0	0	0	0	2	0	5	1.72	50	S	-				
	Onich	21-9	48	15.2	9.6	12.4	+0.2	17.8	3	5.6	16,26	-	-	7.06	98	.85	3	20	17	0	0	0	0	1	0	-	0	1.72	57	S	-			
	Fort William	9 9	27	15.4	10.4	12.9	-	17.2	1,3,20	6.7	16,26	13.7	13.7	5.01	-	.93	3	19	17	0	0	0	0	0	0	0	1	1.59	-	-	S			
	Fort Augustus	9 9	70	15.6	10.2	12.9	+1.0	17.8	3,20	5.6	16	-	-	2.92	-	.47	3	19	15	0	0	0	0	0	0	0	0	2.44	-	-	-			
Cannich	9 9	350	15.3	7.7	11.5	-	18.3	4,18	3.3	16	-	-	2.78	67	.70	3	19	12	0	0	0	0	0	0	3	1	-	-	-	-				
Inverness	9 9	13	15.9	10.7	13.3	-	18.9	4,12	8.3	12,15,16	-	-	1.30	54	.23	10	13	10	0	0	0	0	0	0	2	2.89	-	-	-	-				
Coire Cas Shieling	9 9	2500	11.6	6.1	8.9	-	16.1	23	2.2	16	-	-	4.38	-	1.44	2	18	16	-	-	-	-	-	-	-	-	-	-	-	-				
Cairngorm	9 9	3575	9.3	4.2	6.7	-	15.6	22,23	(0.0)	16	-	-	5.00	-	1.17	2	17	17	-	-	-	-	-	-	-	-	-	-	-	-				
Achnagoichan	9 9	1000	14.6	8.2	11.4	-	17.8	23	3.3	16	11.2	-	1.68	-	.20	10	17	14	0	0	0	0	0	2	2	-	-	-	-	-				
Glenmore Lodge	9 9	1120	14.6	7.7	11.1	-	18.4	23	0.5	16	-	-	1.92	55	.45	2	17	13	-	0	-	-	1	0	3	-	2.48	-	-	-	-			
1 SCOTLAND, E.																																		
Nairn	Nairn	9 9	20	16.0	9.7	12.9	+0.6	19.4	18	6.7	1,13,16	-	-	1.45	63	.31	13	14	9	0	0	0	0	0	0	0	1	3.01	73	-	-			
Moray	Forres	9 9	155	15.6	9.5	12.5	+0.2	18.9	11	6.1	16	13.2	12.5	1.69	71	.48	2	15	9	0	0	0	0	0	0	0	1	2.64	66	-	-			
	Kinloss	21-9	15	16.0	9.9	12.9	-	18.9	20	5.8	1	12.9	-	1.56	67	.25	13	14	11	0	0	0	1	0	0	0	2	2.81	-	-	-			
Elgin	Elgin	9 9	50	16.2	9.7	12.9	-	19.4	4,11,20	5.0	9	-	-	1.59	61	.28	14	13	11	0	0	0	0	0	0	0	1	3.12	-	-	-			
	Lossiemouth	9 9	21	15.8	9.7	12.7	+0.6	19.4	11	5.6	15	-	-	2.23	90	.76	1	13	12	0	0	0	0	1	0	0	-	-	-	-	-			
Banff	Gordon Castle	9 9	104	16.5	10.2	13.3	+1.1	19.4	4,11,20	7.2	1,16	-	-	1.86	61	.32	13	17	12	-	0	-	-	0	-	-	2.64	67	-	-	-			
	Glenlivet	9 9	706	15.3	8.7	12.0	-	19.0	20	4.9	1	-	-	2.27	-	.61	2	18	12	0	0	0	0	0	1	1	2.87	-	-	S	-			
Aberdeen	Banff	9 9	80	15.7	10.8	13.3	-	20.0	11	7.2	16	-	-	2.26	-	.76	12	12	9	0	0	0	0	1	0	0	2	2.51	-	-	-			
	Braemar	9 9	1113	15.1	8.3	11.7	+1.5	20.0	23	5.0	16	-	-	1.98	67	.27	3	17	14	-	0	-	-	0	0	0	-	3.37	-	-	-			
Aberdeen	Balmoral	9 9	927	15.1	6.9	11.0	+0.5	18.9	21	0.6	16	-	-	1.58	56	.22	14	14	14	0	0	0	0	-	1	0	-	-	-	-	-			
	Dignnet	9 9	580	16.5	8.8	12.7	-	21.1	20	4.4	16	12.3	-	1.34	-	.42	9	15	9	-	0	-	-	0	0	-	3.25	-	-	-	-			
	Huntly	9 9	405	16.1	9.5	12.8	-	21.3	20	5.5	16	-	-	1.																				

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

SEPTEMBER,

1966

DISTRICT, COUNTY AND PLACE		Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (feet)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days												BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
					MEANS OF		Mean Temperatures (Mean of A & B)	Difference from Average °	HIGHEST MAXIMUM AND LOWEST MINIMUM								Total fall (inches)	Per cent of Average °	Most in a DAY Amount (inches)	Date	Precip'n				Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost†	Cross min. below 0°C	Gale	Daily Mean (hr.)	Per cent of Average °	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
					A Max.	B Min.			Maximum	Date	Minimum	Date									-0.1 in (0.2mm) or more	-0.4 in (1.0mm) or more																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

SEPTEMBER,

1966

DISTRICT, COUNTY AND PLACE		Terminal hr. GMT of Observation	Height of Station above MSL (feet)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)			WEATHER Number of Days										BRIGHT SUNSHINE				
				MEANS OF		Mean Temperatures (Mean of A & B)	Difference from Average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (inches)	Per cent of Average	Amount (inches)	Date	Precip'n (0.01in (0.2mm) 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	Gale	Daily Mean (hr.)	Per cent of Average	Exposure	
				A Max.	B Min.			Maximum	Date	Minimum	Date	1 ft.	4 ft.																		
				2 ENGLAND, N.E.																											
Northumberland	Kielder Castle ...	99	660	15.8	7.8	11.8	-	20.0	22	-0.6	16	13.7	-	4.66	107	1.51	3	15	13	0	0	0	0	0	12	1	1	0	-	-	-
	Haydon Bridge ...	99	258	17.1	9.2	13.1	-	20.6	22	2.2	16	14.1	13.8	2.74	-	.66	12	12	9	0	0	0	0	0	1	0	0	0	-	-	-
Durham	Corbridge ...	99	160	17.0	9.3	13.1	-	20.0	10,19	1.7	16	-	-	2.19	-	.71	11	11	9	0	0	0	0	0	4	0	0	0	-	-	-
	Berwick-on-Tweed ...	99	76	15.8	10.1	12.9	+0.5	20.0	19	4.4	16	-	-	1.33	67	.25	11	14	11	0	0	0	0	0	0	0	0	1	4.11	91	-
	Cockle Park §§	99	326	16.3	(9.5)	(12.9)	(+0.8)	20.0	10	3.3	16	13.1	-	(1.60)	65	.50	11	12	11	-	-	-	-	-	0	0	-	3.71	88	-	
	Acklington ...	21-9	138	16.7	9.6	13.1	-	20.4	19	3.4	16	-	-	1.34	59	.41	11	12	9	0	0	0	0	1	0	0	1	3.91	-	-	
	Tynemouth ...	21-9	95	16.2	11.4	13.8	+0.6	20.2	19	6.2	16	-	-	1.35	58	.36	4	12	7	0	0	0	0	0	0	0	1	3.42	83	-	
	Seahouses ...	21-9	37	-	10.4	-	-	-	4.8	16	-	-	-	1.80	-	.36	12	13	8	0	0	0	0	0	1	0	0	2	4.04	-	-
	Chopwellwood ...	99	446	16.7	9.0	12.9	+0.4	20.6	10	3.9	16	-	-	1.76	71	.49	4	11	7	0	0	0	0	0	0	0	1	0	-	S	
	Ushaw College ...	99	594	16.2	9.2	12.7	+0.2	20.6	19	3.3	16	-	-	1.18	45	.28	4	11	8	0	0	0	0	0	3	0	-	-	-	-	
	Houghall ...	99	123	17.2	8.4	12.8	+0.2	21.1	19,20	1.1	16	-	-	1.17	48	.35	4	11	6	0	0	0	0	0	1	0	1	0	3.67	91	-
	Durham §§	99	336	17.2	9.3	13.3	+0.6	21.1	19	3.3	16	14.4	13.7	1.07	45	.30	4	12	7	-	0	-	-	-	0	0	-	3.61	88	-	
Yorks., N. Riding	Gateshead ...	99	509	-	-	-	-	-	-	-	-	-	-	1.28	55	(.43)	4	(10)	(6)	-	-	-	-	-	-	-	-	4.26	-	-	
	West Hartlepool ...	99	30	17.3	10.9	14.1	-	21.1	19,20	5.0	16	-	-	.99	45	.32	4	12	5	0	0	0	0	0	2	0	-	3.75	-	-	
	Thirsk ...	99	111	17.4	9.2	13.3	-	20.6	20	1.7	16	-	-	1.13	-	.42	11	10	6	0	0	0	0	0	1	0	1	0	-	-	-
	Leeming ...	99	105	17.4	10.0	13.7	-	21.2	20	4.0	16	-	-	1.08	-	.35	12	11	6	0	0	0	0	1	2	0	0	3.73	-	-	
	York (Heslington) ...	99	66	17.1	9.7	13.4	-	20.0	5,10	2.8	16	14.2	-	.94	-	.28	11	9	5	-	-	-	-	4	0	-	3.21	-	-		
	Ampleforth ...	99	313	16.6	(9.3)	12.9	-0.2	19.4	10,20	2.8	16	-	-	1.84	72	.45	11	12	9	0	-	0	0	0	6	0	0	-	-	-	
	Redcar ...	99	25	17.6	10.7	14.1	-	21.1	19,20	5.6	16,30	-	-	.48	23	.18	4	10	6	-	-	-	-	0	0	-	3.34	-	-		
	Pickering ...	99	143	17.2	8.9	13.1	-	20.1	20	1.2	16	-	-	1.14	-	.36	11	11	7	0	0	0	0	0	1	0	2	0	-	-	
	Whitby ...	99	135	16.9	10.1	13.5	-	21.7	20	4.4	30	-	-	.85	40	.28	11	8	7	0	0	0	0	0	2	0	-	3.48	74	-	
	Scarborough §§	99	118	17.3	10.9	14.1	0.0	20.6	7,19,20	5.6	16	14.8	14.3	.92	44	.25	11	10	7	0	0	0	0	0	3	0	0	3.65	80	-	
Yorks., E. Riding	Silpho Moor ...	99	665	15.9	8.7	12.3	-	20.0	20	3.3	30	12.3	-	1.24	46	.35	11	13	9	0	0	0	0	0	5	0	2	0	3.67	-	-
	Whitby C'Guard ...	21-9	200	16.3	10.2	13.3	-	20.0	10,29	4.8	30	-	-	.67	-	.27	11	7	4	0	0	0	0	0	2	0	0	1	-	-	-
	High Mowthorpe ...	99	574	16.2	9.6	12.9	-	19.4	3,20	3.9	16	13.5	-	1.14	56	.26	4	10	7	0	0	0	0	0	0	0	0	3.42	-	-	
	Hull §§	99	8	18.2	11.2	14.7	+0.3	22.2	10	4.4	16	14.4	13.1	2.03	100	.47	11	10	8	0	0	0	0	0	0	0	0	3.81	88	-	
	Leconfield ...	21-9	24	17.6	10.3	13.9	-	21.3	10	4.3	19	-	-	1.33	-	.29	12	7	7	0	0	0	0	1	0	0	0	3.68	-	-	
	Filey ...	99	122	16.6	9.7	13.1	-	20.6	10	3.3	16	-	-	.96	44	.20	14	10	8	0	0	0	0	0	2	0	0	-	-	-	
	Bridlington ...	99	157	16.7	9.8	13.3	-	20.6	10,11	3.9	16	-	-	1.36	59	.33	11	11	7	0	0	0	0	1	0	0	0	3.94	-	-	
	Kilnsea ...	21-9	40	17.5	11.2	14.3	-	21.2	11	5.5	16	-	-	.98	-	.30	30	8	7	0	0	0	0	0	0	0	-	2	-	-	
	Waddington ...	21-9	224	17.7	10.1	13.9	+0.1	21.3	10	5.5	16	-	-	1.15	-	.27	11	9	6	0	0	0	0	0	2	0	0	4.31	-	-	
	Lincoln ...	99	22	18.3	8.4	13.3	-	22.2	10	0.6	16	14.7	14.2	1.07	56	.32	11	9	5	0	0	0	0	1	0	2	0	4.06	-	-	
Lincoln	Cranwell §§	99	205	17.8	9.7	13.7	-0.1	21.7	10	5.3	16	14.7	14.6	.81	41	.32	30	7	5	0	0	0	0	0	1	0	0	4.48	98	-	
	Brigg ...	99	10	18.0	9.3	13.7	-	21.7	10	1.7	16	-	-	1.64	-	.52	11	8	6	0	0	0	0	1	2	0	3	0	-	-	
	Caistor ...	99	100	17.9	9.1	13.5	-	22.2	10	1.7	16	-	-	1.58	-	.58	11	8	7	-	-	-	-	0	-	-	-	-	-		
	Binbrook ...	21-9	353	17.4	10.5	13.9	-	21.3	10	5.4	16	-	-	1.13	-	.26	12	9	6	0	0	0	0	0	0	0	0	-	-	-	
	Cleethorpes ...	99	23	17.9	11.3	14.6	+0.2	22.8	11	6.1	16	-	-	.74	40	.20	14	9	5	-	-	-	-	0	0	0	-	4.45	93	-	
	Manby ...	21-9	55	18.3	10.1	14.2	-	22.0	10	4.4	16	-	-	1.09	56	.38	30	9	6	0	0	0	0	0	0	0	0	4.39	-	-	
	Skegness ...	99	15	18.0	10.5	14.3	+0.1	22.2	11	5.0	16	-	-	(1.44)	72	.19	30	8	7	-	0	-	-	-	0	0	-	4.80	99	-	
	3 ENGLAND, E.																														
	Norfolk	Terrington St. Cl. ...	99	13	18.7	9.2	13.9	-	22.8	10	3.9	20,22	14.6	-	1.24	68	.70	30	8	5	0	0	0	0	0	2	0	0	5.42	-	-
		Marham ...	21-9	76	18.8	9.9	14.3	-	22.5	10	4.0	17,20	-	-	.69	-	.28	30	9	4	0	0	0	0	1	1	0	0	-	-	-
Santon Downham ...		99	80	19.0	7.6	13.3	-	22.8	5,10,11	-1.1	19	14.7	13.9	.88	37	.31	14	10	6	-	-	-	-	1	8	-	5.21	-	-		
West Raynham ...		21-9	250	18.0	9.7	13.9	+0.1	21.7	10	4.8	17	-	-	.73	27	.26	30	9	5	0	0	0	0	2	0	0	0	5.08	-	-	
Cromer ...		99	178	17.6	11.3	14.5	-0.2	23.3	10	8.3	21	-	-	.83	35	.35	30	7	4	-	-	-	-	0	0	0	-	5.41	109	-	
Sproston §§		99	93	18.5	9.6	14.1	-0.2	22.2	6,10,11	3.3	20	14.2	-	.57	25	.17	4	8	5	0	0	0	0	0	0	0	0	5.05	105	-	
Coltishall ...		21-9	55	18.5	10.1	14.3	-	22.2	10	3.9	20	-	-	.98	-	.44	30	10	7	0	0	0	0	1	1	0	0	-	-	-	
Burlingham ...		99	89	18.6	10.2	14.4	-	22.8	10,21	4.4	20	-	-	.76	34	.18	15	6	5	0	0	0	0	1	1	0	0	5.49	-	-	
Gorleston §§		21-9	12	18.3	11.9	15.1	+0.3	22.6	6	6.5	20	16.2	14.9	.65	29	.23	14	8	5	0	0	0	0	1	1	0	0	5.31	105	-	
Mildenhall ...		21-9	15	19.1	10.2	14.7	+0.2	23.0	10	3.7	20	-	-	.99	49	.37	14	9	5	0</											

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

SEPTEMBER,

1966

DISTRICT, COUNTY AND PLACE		Terminal hr. GMT of Observation	Height of Station above MSL (feet)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)			WEATHER Number of Days										BRIGHT SUNSHINE					
				MEANS OF		Mean Temperatures (Mean of A & B)	Difference from Average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (inches)	Per cent of Average	Amount (inches)	Most in a Day	Precip'n (0.2mm 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	Gale	Daily Mean (hr.)	Per cent of Average	Exposure		
				A Max.	B Min.			Maximum	Date	Minimum	Date																					
4 MIDLAND COUNTIES																																
Yorks.,		9 9	629	15.6	9.1	12.3	-	19.4	20	1.7	16	-	-	4.52	-	1.13	14	13	12	0	0	0	0	0	0	0	0	0	0	3.24	-	-
W. Riding		9 9	1297	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Malham Tarn		9 9	325	17.6	9.7	13.7	+0.4	22.8	20	3.9	16	13.9	13.8	2.08	-	.63	14	11	9	-	-	-	-	-	8	0	0	0	0	3.77	102	-
Huddersfield		21-9	762	16.2	9.6	12.9	0.0	21.3	20	5.3	16	13.5	12.3	2.71	92	.85	14	14	10	0	0	0	0	0	4	0	0	1	0	3.71	98	-
Oakes		9 9	439	16.6	9.9	13.3	+0.2	21.1	20	3.9	16	13.9	13.9	1.88	73	.49	14	11	9	0	0	0	0	0	4	0	0	1	0	-	-	S
Bradford		9 9	315	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ilkley		9 9	429	17.6	10.3	13.9	+0.1	22.2	20	5.0	16,26	14.6	14.2	2.19	94	.57	14	9	9	0	0	0	0	0	0	0	0	1	0	3.59	93	-
Sheffield		9 9	121	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Wakefield		9 9	255	17.1	10.0	13.5	0.0	20.6	5,10,20	4.4	16	-	-	1.00	51	.23	12,30	8	6	0	0	0	0	0	0	6	0	0	0	-	-	-
Pontefract		9 9	177	16.4	9.1	12.7	-	20.6	10	3.9	16	-	-	1.22	69	.32	11	11	6	0	0	0	0	0	3	0	0	0	0	3.58	-	-
Bramham		9 9	20	17.8	9.3	13.5	-	21.7	10	2.8	9,16	14.2	14.2	.97	48	.25	11	8	7	0	0	0	0	0	3	0	1	0	0	3.80	-	-
Cawood		9 9	110	17.2	9.4	13.3	-	21.1	10	3.3	20	-	-	2.01	93	.60	2	10	8	0	0	0	0	0	3	0	0	0	0	3.26	83	-
Askham Bryan		9 9	1007	15.3	8.5	11.9	+0.1	18.3	5,10,11	2.8	16	12.9	13.2	3.98	101	1.55	14	11	9	0	0	0	0	0	7	0	0	0	0	-	-	-
Buxton		9 9	732	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Chapel en le Frith		9 9	159	18.3	9.7	14.0	-	23.3	5	4.4	21	-	-	2.09	-	.65	14	8	6	0	0	0	0	0	1	0	0	0	0	4.33	-	-
Derby		9 9	350	17.1	9.0	13.1	-	22.8	5	2.8	16	-	-	1.89	96	.65	11	9	8	0	0	0	0	0	0	0	0	0	0	3.97	-	-
Morley		9 9	298	17.9	9.1	13.5	-	21.7	6,11,21	3.3	16	-	-	1.61	-	.40	14	9	7	0	0	0	0	0	3	0	-	0	0	-	-	-
Chesterfield		9 9	157	18.2	8.6	13.4	-0.2	22.2	5	2.8	16	14.2	14.2	1.10	59	.35	14	10	5	0	0	0	0	0	1	2	0	4	0	4.04	101	-
Sutton Bonington		21-9	385	17.9	9.5	13.7	+0.1	22.4	20	3.6	16	-	-	2.16	96	.70	11	9	9	0	0	0	0	0	4	0	1	0	0	3.98	99	-
Watnall		9 9	159	17.8	9.3	13.5	-	22.2	7	5.0	21	-	-	.97	-	.38	14	5	4	-	-	-	-	8	0	0	0	0	0	4.09	-	-
Nottingham T.C.*		9 9	362	17.6	9.6	13.6	0.0	21.7	5,20	4.4	16	14.3	-	1.63	76	.62	11	8	8	0	0	0	0	0	0	0	0	0	0	-	-	-
Mansfield		9 9	192	18.0	10.0	14.0	-0.2	22.2	5	4.4	16	14.4	14.8	1.32	87	.37	14	6	6	0	0	0	0	0	0	0	0	0	0	3.95	101	-
Nottingham		9 9	150	18.4	7.8	13.1	-	21.7	5,10	1.1	16	-	-	1.36	76	.44	11	8	6	0	0	0	0	0	2	0	8	0	0	4.13	-	-
Warsop		21-9	34	18.6	10.4	14.5	+0.6	22.3	20	5.5	21	-	-	1.83	-	.45	1	7	6	0	0	0	0	1	3	0	0	0	0	3.86	-	-
Finningley		9 9	392	17.7	8.3	13.0	-	21.7	5,21	3.9	16,20,27	-	-	1.32	-	.44	14	8	6	0	0	0	0	0	2	0	2	0	0	4.47	-	-
Leicester		9 9	175	19.1	7.9	13.5	-	23.9	21	1.1	21	-	-	1.39	-	.35	1	9	6	-	-	-	-	8	0	0	0	0	0	4.78	-	-
Caldecott		9 9	228	19.3	8.4	13.9	-	22.2	21	1.7	17	14.0	13.6	1.44	-	.48	30	9	8	0	0	0	0	0	0	6	0	-	0	5.22	-	-
Northampton		9 9	193	18.8	9.2	14.0	-	22.8	5,9	3.3	16	15.5	14.2	1.53	74	.65	30	8	4	0	0	0	0	0	6	0	0	0	0	5.04	-	-
Raunds		9 9	212	18.2	9.9	14.1	+0.1	21.9	10	4.0	16	-	-	1.35	-	.48	30	7	6	0	0	0	0	0	1	2	0	1	0	5.34	-	-
Warwick		9 9	450	17.7	9.4	13.5	-	21.1	5	3.9	9	-	-	1.38	-	.38	4	10	7	0	0	0	0	0	4	0	-	0	0	-	-	-
Edgbaston		21-9	536	17.6	10.6	14.1	+0.3	21.2	5	6.9	17	12.8	12.6	1.06	43	.35	11	8	6	0	0	0	0	0	4	0	0	0	0	4.63	119	-
Luddington		9 9	138	18.8	9.2	14.0	-	22.2	5,9,10	2.8	17	-	-	1.12	53	.41	14	10	5	0	0	0	0	0	4	0	0	0	0	5.51	-	-
Stratford on Avon		9 9	160	19.3	8.9	14.1	-	23.9	9	2.2	16,17	15.6	-	1.12	68	.44	14	8	5	0	0	0	0	0	2	0	0	0	0	5.18	-	-
Elmdon		21-9	319	18.1	8.3	13.2	-0.2	21.5	5,9	2.2	16	-	-	1.09	50	.31	11	8	5	0	0	1	0	0	4	0	2	0	0	4.60	-	-
Shipston on Stour		9 9	365	18.2	9.5	13.9	-	22.2	9	4.4	20	14.5	-	.86	-	.24	14	9	7	0	0	0	0	0	3	0	2	0	0	5.34	-	-
Wellesbourne		9 9	153	18.7	9.1	13.9	-	22.2	5,9	2.8	20	14.8	14.7	1.25	55	.40	14	10	6	0	0	0	0	0	4	0	3	0	0	5.28	-	-
Moreton Morrell		9 9	280	18.7	9.2	13.9	-	22.2	5,9,20	3.3	20	-	-	1.01	-	.35	14	9	6	0	0	0	0	0	5	0	2	0	0	5.32	-	-
Coventry		9 9	350	17.1	9.3	13.2	-	21.1	10	3.9	20	14.5	14.1	.99	-	.34	14	6	6	0	0	0	0	0	4	0	-	0	0	-	-	-
Rugby		9 9	385	18.2	9.4	13.8	+0.2	22.8	9	3.9	16,20	15.1	15.0	1.08	-	.41	14	8	6	0	0	0	0	0	0	0	0	0	0	-	-	-
Oxford		9 9	208	18.6	10.3	14.5	+0.1	21.7	6,9,10	5.0	27	15.6	15.3	2.06	94	.79	29	9	6	0	0	0	0	0	6	0	0	0	0	5.60	127	-
Buckingham		9 9	98	19.2	7.9	13.5	-	22.8	9	1.1	16	-	-	1.57	-	.46	30	8	6	-	-	-	-	-	0	12	-	-	-	-	-	-
Medmenham		9 9	220	18.6	8.0	13.3	-	22.2	6,9	0.0	16	15.5	14.9	1.47	-	.63	30	8	5	0	0	0	0	0	0	0	1	2	0	5.50	-	-
Grendon Underwood		9 9	316	18.9	-	-	-	22.2	9,20,21	2.2	16	-	-	2.37	108	1.02	30	7	6	0	0	0	0	0	6	0	1	1	0	5.26	-	-
Aylesbury		9 9	281	19.2	9.4	14.3	-	22.8	5,6,9	2.8	28	-	-	1.93	-	.67	30	8	6	0	0	0	0	0	6	0	-	0	0	-	-	-
Stafford		9 9	587	16.6	9.																											

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS SEPTEMBER, 1966

DISTRICT, COUNTY AND PLACE		Terminal hr. GMT of Observation	Height of Station above MSL (feet)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days												BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
				MEANS OF		Mean Temperatures (Mean of A & B)	Difference from Average	HIGHEST MAXIMUM AND LOWEST MINIMUM								1 ft.	4 ft.	Total fall (inches)	Per cent of Average	Amount (inches)	Date	Precip'n (0.01in (0.2mm) or more (0.04in (1.0mm) 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	Gale	Daily Mean (hr.)	Per cent of Average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS SEPTEMBER,

1966

DISTRICT, COUNTY AND PLACE		Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (feet)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)			WEATHER Number of Days										BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
					MEANS OF		Mean Temperature (Mean of A & B)	Difference from Average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (inches)	Per cent of Average	Amount (inches)	Most in a Day	Precip'n (0.01 in (0.2mm) 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	Gale	Daily Mean (hr.)	Per cent of Average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS SEPTEMBER, 1966

DISTRICT, COUNTY AND PLACE		Max. Terminal hr. GMT of Observation	Height of Station above MSL (feet)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)			WEATHER Number of Days										BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
				MEANS OF				HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (inches)	Per cent of Average	Most in a Day (inches)	Precip'n (0-2mm or more (1-10mm) 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	Gale	Daily Mean (hr.)	Per cent of Average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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TABLE IV

—SUMMARY OF OBSERVATIONS AT FIXED HOURS

SEPTEMBER,

1966

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (ft.)		Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Yards and Miles)							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	0-44 yds.	45-210 yds.	220-430 yds.	440-1,000 yds.	1,000-2,100 yds.	2,200-4,300 yds.	3-6 mi.	7-12 mi.	13-24 mi.	25 or over mi.	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																																							
0 SCOTLAND, N.																																							
Zetland Lerwick	273 ft.	3	1009.0	-	9.5	0.4	11.4	95	7.3	0	0	3	8	17	2	0	0	1	1	1	2	3	14	2	6	1	6	8	14	1	5	0	1	2	1	6	13	1	
		9	1009.0	-1.3	10.6	0.7	11.6	90	6.5	0	2	4	9	13	2	0	0	1	0	1	5	1	9	8	5	1	6	9	11	1	3	2	2	6	10	3			
		15	1009.1	-	11.2	0.9	11.9	89	7.2	0	0	4	11	12	3	0	0	2	1	0	1	6	6	5	8	1	6	13	10	0	2	3	1	0	5	6	8		
		21	1009.3	-	9.9	0.4	11.6	94	6.5	0	4	4	4	16	2	0	0	1	0	0	0	2	13	4	6	4	1	7	10	11	1	3	1	1	2	5	9	6	
		3	1010.5	-	10.8	0.7	11.9	91	6.3	2	2	3	7	16	0	0	0	0	1	0	0	2	4	9	14	0	0	6	10	15	1	2	0	1	3	2	5	14	3
Orkney Kirkwall	86 ft.	9	1010.8	+0.1	12.0	1.1	12.1	87	6.7	0	2	4	10	14	0	0	0	0	0	0	0	8	3	15	4	0	0	6	11	12	0	2	1	2	2	4	2	14	2
		15	1010.9	-	12.7	1.5	12.2	83	7.1	0	0	2	16	12	0	0	0	0	0	0	0	3	6	12	9	1	6	12	11	0	2	1	3	3	4	1	13	3	
		21	1011.1	-	11.0	0.8	11.9	90	6.8	0	2	3	8	17	0	0	0	0	0	0	0	1	9	7	10	3	1	9	10	15	1	0	1	1	3	5	4	14	1
		3	1010.9	-	10.5	0.7	11.7	92	6.5	0	3	3	9	14	1	0	1	0	0	0	0	2	3	6	13	5	0	1	8	21	0	0	0	1	3	4	5	13	4
		9	1011.2	+0.1	12.2	1.2	12.3	87	6.9	0	1	2	18	9	0	0	0	0	0	0	1	6	5	6	12	1	1	11	17	0	2	1	1	2	5	3	12	4	
Caithness Wick	121 ft.	15	1011.0	-	13.3	1.8	12.2	80	6.9	0	2	0	19	9	0	0	0	0	0	0	0	4	5	8	13	1	2	11	16	0	2	0	3	4	4	4	8	5	
		3	1011.4	-	11.0	0.8	11.9	90	6.0	0	4	5	9	12	0	0	0	0	0	0	3	4	12	7	0	1	13	16	0	1	0	1	4	5	4	14	1		
		9	1009.9	-	11.2	0.8	12.0	91	7.1	0	1	3	5	17	4	1	3	0	0	0	0	1	3	3	19	3	4	7	15	1	0	1	2	2	2	14	5	3	
		15	1010.6	-	11.3	0.8	12.0	90	7.2	0	0	3	8	16	3	0	3	0	1	0	0	3	4	7	12	3	3	9	14	1	2	2	3	2	11	6	1		
		3	1010.6	-	11.5	1.0	11.9	87	6.8	0	1	4	10	14	1	0	1	0	2	0	2	4	11	10	3	4	10	12	1	0	4	2	1	1	11	8	2		
Ross & Cromarty Stornoway	16 ft.	9	1010.9	-	11.3	0.8	12.1	90	7.3	0	0	2	8	17	3	0	1	2	0	0	0	3	3	8	13	3	3	9	13	2	0	3	1	1	2	13	5	3	
		15	1011.4	-	11.2	0.5	12.5	93	5.3	2	3	4	9	12	0	0	0	0	0	0	0	4	14	12	0	1	1	10	12	6	2	1	0	3	6	5	6	1	
		21	1011.9	+1.0	12.5	1.1	12.7	87	6.4	0	4	3	9	14	0	0	0	0	0	1	1	3	7	15	3	1	0	13	12	4	2	2	0	4	8	5	3	2	
		3	1012.0	-	13.2	1.5	12.7	84	6.9	0	1	3	14	12	0	0	0	0	0	0	3	2	7	15	3	0	3	14	12	1	2	2	1	2	10	3	5	4	
		9	1011.9	-	11.2	0.6	12.4	93	6.5	0	3	3	9	15	0	0	0	0	0	1	0	3	13	12	1	0	2	4	18	6	0	1	2	7	9	3	2		
Inverness Benbecula	21 ft.	15	1011.7	-	11.8	0.7	12.7	92	6.4	0	4	4	7	15	0	0	0	0	1	1	4	4	9	2	1	1	12	10	6	1	2	2	1	7	6	4	1		
		3	1012.1	+1.1	12.7	1.1	12.9	87	6.5	0	2	4	13	11	0	0	0	0	1	3	8	9	6	3	1	0	18	8	3	2	2	1	2	6	8	5	1		
		9	1012.2	-	13.6	1.6	12.9	82	6.4	0	1	5	12	12	0	0	0	0	1	3	2	8	9	7	0	5	16	8	1	1	0	3	2	8	3	9	3		
		15	1012.2	-	12.1	0.8	12.8	90	6.9	1	0	2	14	13	0	0	0	0	0	2	2	2	10	10	4	0	4	8	14	4	1	3	0	2	4	11	5	0	
		21	1012.1	-	12.1	0.8	12.8	90	6.9	1	0	2	14	13	0	0	0	0	0	2	2	2	10	10	4	0	4	8	14	4	1	3	0	2	4	11	5	0	
1 SCOTLAND, E.																																							
Moray Kinloss	19 ft.	3	1011.7	-	11.2	1.1	11.6	87	6.7	0	1	5	11	13	0	0	0	0	0	0	2	7	8	11	0	1	8	17	4	1	0	2	1	2	17	2	1		
		9	1012.2	+0.7	12.9	1.5	12.2	82	6.6	0	1	4	18	7	0	0	0	0	0	0	6	3	8	13	1	2	8	16	3	1	0	1	0	3	12	10	0		
		15	1012.0	-	14.9	2.6	12.2	72	6.7	0	1	4	18	7	0	0	0	0	0	0	4	3	5	18	1	5	8	15	1	2	0	3	2	2	5	11	4		
		21	1012.3	-	12.1	1.4	11.9	84	6.0	0	5	3	14	8	0	0	0	0	0	0	2	3	8	15	0	1	10	17	2	1	1	3	0	2	15	5	1		
		3	1012.0	-0.1	10.9	1.2	11.2	85	6.4	0	3	5	8	14	0	0	0	0	1	0	2	6	10	7	4	0	0	4	19	7	1	0	1	0	6	4	10	1	
Aberdeen Dyce	193 ft.	9	1012.3	-	13.1	2.0	11.7	78	6.1	0	5	2	15	8	0	0	0	0	0	1	2	7	10	4	6	0	0	4	19	7	1	0	1	0	6	4	10	1	
		15	1012.0	-	15.2	3.0	11.8	69	6.3	0	2	4	16	8	0	0	0	0	0	1	4	3	8	4	10	0	1	12	15	2	2	0	3	2	6	5	5		
		21	1012.6	-	11.7	1.4	11.5	83	5.8	0	6	3	11	10	0	0	0	1	0	3	9	8	4	5	0	0	8	15	7	0	0	0	2	4	8	7	2		
		3	1012.1	-	11.0	0.8	11.7	89	6.0	0	3	5	15	6	1	0	1	0	2	0	1	26	0	0	0	0	1	7	19	3	0	0	1	0	9	4	12	1	
		9	1012.4	+0.5	12.5	1.4	12.2	84	6.0	0	2	6	16	5	1	0	0	0	1	1	0	3	17	8	0	0	2	8	18	2	0	0	0	2	10	1	12	3	
Rattray Head *	108 ft.	15	1012.3	-	13.8	1.9	12.5	80	6.2	0	1	6	17	6	0	0	0	0	0	0	4	18	7	0	1	2	10	15	2	5	0	0	2	8	2	10	1		
		3	1012.6	-	11.7	1.1	12.0	87	5.8	0	4	5	15	6	0	0	0	0	2	4	24	0	0	0	0	0	1	9	16	4	2	0	0	1	11	4	8	0	
		9	1012.2	-	11.5	0.8	12.2	89	6.0	0	5	0	14	9	1	0	0	1	1	0	2	3	1	5	17	0	0	7	17	6	1	0	0	1	2	8	11	1	
		15	1012.7	-	13.0	1.3	12.7	85	6.7	0	0	7	10	12	1	0	0	1	1	0	3	3	2	7	13	0	1	8	15	6	2	0	0	1	0	10	9	2	
		3	1012.4	-	15.1	2.2	13.1	77	5.9	0	4	5	12	9	0	0	0	0	0	2	4	4	3	16	0	1	9	16	4	2	0	1	1	9	3	9	1		
Fife Leuchars	38 ft.	9	1012.8	-	12.3	1.0	12.7	89	5.6	4	1	5	8	11	1	0	0	0	2	1	3	2	8	14	0	0	8	20	2	1	3	1	2	2	7	10	2		
		15	1012.6	-	11.1	0.8	11.9	90	6.0	2	4	2	7	12	3	0	0	0	2	2	6	7	8	3	0	1	9	12	8	0	1	0	0	2	16	3	0		
		21	1013.0	+0.2	12.8	1.4	12.4	84	6.3	0	4	5	7	14	0	0	0	0	4	3	5	6	8	4	1	0	12	13	4	1	1	2	1	1	13	7	0		
		3	1012.7	-	15.7	2.8	12.7	71																															

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS SEPTEMBER, 1966

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (ft.)	Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Yards and Miles)					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	0-44 yds.	45-210 yds.	220-430 yds.	440-1,000 yds.	1,100-2,100 yds.	2,200-4,300 yds.	3-6 mi.	7-12 mi.	13-24 mi.	25 or over mi.	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																																							
2 ENGLAND. N.E.																																							
Northumberland Acklington 151 ft.	3	1014.3	-	11.0	0.8	12.0	90	5.7	4	2	3	10	9	2	0	0	0	2	1	1	5	3	6	6	6	0	2	3	19	6	0	1	0	0	3	9	10	1	
	9	1014.4	+0.8	13.1	1.5	12.6	83	6.2	0	2	5	16	7	0	0	0	0	0	2	8	3	6	6	5	0	1	8	20	1	1	1	0	1	5	8	12	1		
	15	1014.1	-	15.6	2.5	13.2	74	6.0	0	3	5	16	6	0	0	0	0	0	1	6	4	6	4	9	1	2	10	17	0	1	3	3	5	4	11	0			
	21	1014.9	-	11.8	0.8	12.6	90	4.6	3	3	3	4	11	0	0	0	0	0	2	8	6	6	6	2	0	0	2	21	7	0	0	0	2	5	6	9	1		
	3	1015.2	-	12.3	1.1	12.5	87	5.6	3	3	5	8	9	2	0	0	0	0	0	2	10	11	5	0	0	1	5	21	3	1	0	0	0	6	5	14	1		
	15	1015.1	+1.1	13.3	1.5	12.8	83	6.3	3	3	3	10	12	0	0	0	0	0	6	7	4	8	5	0	0	3	6	16	5	0	0	1	0	0	3	5	11		
Tynemouth 130 ft.	3	1014.9	-	15.4	2.3	13.3	76	6.0	2	0	6	14	8	0	0	0	0	0	1	6	5	11	7	0	0	3	14	11	2	1	2	1	5	3	0	15	1		
	9	1015.5	-	13.6	1.5	13.1	83	4.4	8	4	3	6	9	0	0	0	0	0	0	5	7	16	2	0	0	0	10	19	1	1	0	2	2	9	3	11	1		
	15	1014.0	-	11.9	1.2	12.1	86	5.5	4	1	4	12	8	1	0	0	0	2	1	2	9	8	9	0	0	1	2	24	3	1	0	1	0	1	7	16	1		
	21	1014.2	-	13.3	1.7	12.5	81	5.6	0	6	6	7	11	0	0	0	0	1	0	4	11	4	7	3	0	1	6	17	6	3	0	0	0	8	3	9	1		
	3	1014.0	-	15.3	2.4	13.1	79	5.7	0	4	9	7	10	0	0	0	0	3	1	9	7	3	7	1	2	4	20	3	3	1	3	1	5	2	12	0			
	15	1014.5	-	12.7	1.6	12.0	82	4.8	2	8	6	4	9	1	0	0	0	1	0	7	10	3	8	1	0	0	6	21	3	1	1	1	1	7	5	10	1		
Seahouses 41 ft.	3	1015.8	-	11.4	1.1	11.9	87	5.5	5	1	4	9	11	0	0	1	0	3	6	4	1	4	5	6	0	0	6	9	15	3	0	0	1	4	5	5	0		
	9	1015.7	-	13.0	1.3	12.7	85	6.3	2	2	1	16	9	0	0	0	1	3	9	2	2	5	7	0	2	6	14	8	1	1	0	0	8	4	7	1			
	15	1015.4	-	16.7	3.3	12.8	67	5.6	1	2	9	11	7	0	0	0	0	0	2	11	4	3	10	0	3	10	16	1	1	2	0	1	9	4	11	1			
	21	1016.1	-	13.0	1.3	12.7	85	4.6	5	5	4	9	7	0	0	0	0	3	9	3	2	8	5	0	0	4	20	6	0	0	0	1	8	6	7	2			
	3	1015.7	-	12.9	1.1	13.0	87	6.4	2	0	3	17	7	1	0	0	0	0	0	9	13	6	0	0	4	6	19	1	0	0	1	1	1	7	7	2			
	15	1015.5	-	15.5	2.3	13.4	76	5.7	1	4	6	11	8	0	0	0	0	0	0	1	10	11	8	0	1	4	8	15	2	3	0	4	5	1	7	7	1		
Yorks, E. Riding Leconfield 28 ft.	3	1016.4	-	12.6	1.1	12.8	87	3.8	5	9	3	9	4	0	0	0	0	0	0	16	8	6	0	0	0	9	20	1	1	0	2	0	11	10	5	0			
	9	1016.3	+1.6	13.5	1.2	13.3	85	6.5	2	1	2	12	13	0	0	0	0	0	3	4	14	6	3	0	0	1	9	15	5	1	0	1	2	4	12	1			
	15	1016.0	-	16.8	3.3	12.9	68	6.0	1	2	7	11	9	0	0	0	0	0	3	10	6	3	2	0	3	10	16	1	0	2	4	2	2	8	10	1			
	21	1016.8	-	12.3	1.0	12.7	87	4.5	7	5	2	7	9	0	0	0	1	1	5	6	4	8	5	0	0	5	15	10	0	0	0	1	3	12	2	2			
	3	1017.0	-	12.8	1.0	13.1	88	5.1	3	5	7	3	12	0	0	0	0	0	0	7	23	0	0	0	0	1	13	12	4	1	0	3	1	3	4	11	3		
	9	1017.0	+2.0	13.9	1.5	13.3	84	6.4	1	1	6	7	15	0	0	0	0	0	0	1	18	11	0	0	0	5	9	11	5	1	0	2	2	2	4	12	2		
Lincoln Waddington 227 ft.	3	1016.7	-	16.2	2.5	13.7	74	5.9	1	2	7	13	7	0	0	0	0	0	2	9	17	2	0	2	4	8	15	1	3	0	4	3	4	4	9	2			
	9	1017.3	-	14.0	1.4	13.5	84	4.8	6	3	6	5	10	0	0	0	0	0	2	7	20	1	0	1	0	11	12	6	0	0	1	3	6	5	7	2			
	15	1017.0	+1.4	11.4	0.8	12.3	90	4.1	7	7	3	3	10	0	0	1	1	2	1	12	9	3	0	0	0	7	20	3	2	3	1	1	4	9	6	0			
	21	1016.5	-	13.3	1.5	12.8	84	6.3	2	1	5	12	10	0	0	0	2	2	4	9	8	5	0	0	0	1	8	18	3	0	3	1	1	5	8	7	2		
	3	1016.8	-	16.9	3.3	13.0	68	5.0	2	6	5	11	6	0	0	0	0	0	0	1	9	7	11	2	0	0	9	20	1	3	2	3	1	4	6	9	1		
	9	1017.3	-	12.8	1.4	12.5	84	4.1	6	7	6	2	9	0	0	0	0	0	1	6	8	14	1	0	0	1	5	21	3	0	3	6	1	2	10	3	2		
Binbrook 356 ft.	3	1016.8	-	11.3	0.9	12.1	89	5.0	6	4	2	5	12	1	0	0	0	1	1	7	11	8	1	0	0	0	9	14	7	1	0	0	1	5	12	3	1		
	9	1016.7	-	13.3	1.7	12.4	81	6.4	2	1	2	15	10	0	0	0	0	1	3	15	7	3	1	0	1	1	11	16	2	2	1	1	1	4	9	9	0		
	15	1016.3	-	16.4	3.4	12.2	66	5.5	0	5	3	17	3	0	0	0	0	0	2	6	13	8	1	0	3	11	14	2	3	1	4	0	3	6	10	1			
	21	1017.2	-	12.7	1.5	12.2	83	5.2	4	4	3	12	7	0	0	0	0	0	6	14	7	3	0	0	0	6	19	5	0	1	4	2	2	9	6	1			
	3	1016.5	-	11.3	0.6	12.6	93	4.6	5	3	6	9	1	1	0	0	1	0	7	7	5	8	1	0	0	7	14	9	1	0	0	0	2	8	8	2			
	9	1016.6	+1.2	14.2	1.5	13.5	83	6.2	2	1	5	11	11	0	0	0	0	0	3	14	7	5	1	0	0	0	11	14	5	1	0	2	0	4	6	11	1		
Manby 47 ft.	15	1016.2	-	17.3	3.1	13.8	71	5.6	1	5	4	12	8	0	0	0	0	0	1	10	10	8	1	0	0	13	15	2	2	1	5	0	3	4	12	1			
	21	1017.0	-	12.5	0.9	13.0	89	4.3	7	4	3	8	8	0	0	0	0	0	1	5	11	5	7	1	0	0	4	19	7	1	0	2	1	3	7	6	3		
3 ENGLAND. E.																																							
Norfolk Marham 79 ft.	3	1017.6	-	11.2	0.7	12.2	91	4.6	8	4	0	8	9	1	1	0	2	0	1	5	7	13	1	0	0	5	17	8	1	3	1	0	5	5	5	2			
	9	1017.8	+2.0	14.2	1.7	13.2	81	5.9	0	3	6	13	7	1	0	1	0	4	3	8	6	5	3	0	0	0	8	20	2	2	4	3	1	1	7	10	0		
	15	1017.0	-	17.8	3.6	13.4	66	5.6	2	3	4	15	6	0	0	0	0	0	2	10	8	8	2	0	0	11	19	0	4	3	3	1	2	6	10	1			
	21	1017.8	-	13.2	1.4	12.9	85	3.9	10	4	3	5	8	0	0	0	0	2	4	10	10	4	0	0	0	3	25	2	2	3	3	4	3	6	5	2			
	3	1017.4	-	11.2	0.7	12.3	92	4.5	7	5	2	6	10	0	0	1	0	3	7	10	9	0	0	0	0	8	19	3	0	4	3	0	5	10	3	2			
	9	1017.6	+2.1	14.0	1.5	13.3	83	5.7	1	3	8	10	8</																										

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

SEPTEMBER, 1966

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (ft.)		Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)						VISIBILITY (Yards and Miles)							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	0-44 yds.	45-210 yds.	220-430 yds.	440-1,090 yds.	1,100-2,100 yds.	2,200-4,300 yds.	3-6 mi.	7-12 mi.	13-24 mi.	25 or over mi.	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																																								
4 MIDLAND COUNTIES —cont.																																								
Finningley 46 ft.	3	1016.5	-	11.4	0.9	12.2	90	4.8	7	4	1	8	10	0	0	1	0	3	3	5	9	6	2	1	0	0	4	13	13	1	0	1	1	0	5	2	8	0		
	9	1016.6	+1.5	13.6	1.5	13.1	84	6.7	2	0	2	15	11	0	0	0	0	0	3	4	6	5	9	3	0	0	1	10	11	8	0	1	1	1	5	6	2	2		
	15	1016.3	-	17.6	3.5	13.3	67	5.2	4	2	5	14	5	0	0	0	0	0	1	3	8	12	6	0	0	0	1	13	13	3	3	1	1	2	4	4	2	10		
	21	1017.0	-	13.2	1.3	12.9	85	4.4	6	2	8	9	5	0	0	0	0	0	1	1	7	12	8	1	0	0	0	5	16	9	0	1	2	1	4	5	6	2		
	3	1017.5	-	11.3	0.7	12.3	91	5.1	5	4	3	7	9	2	0	2	0	1	2	6	10	6	3	0	0	0	0	6	20	4	3	3	3	0	3	4	9	1		
Northampton Wittering 219 ft.	9	1017.6	+1.8	13.9	1.7	12.9	82	6.0	1	3	3	15	7	1	0	1	0	1	3	5	5	9	4	2	0	0	1	9	19	1	3	3	3	0	5	4	10	1		
	15	1016.9	-	17.5	3.6	13.0	66	4.6	4	4	8	11	3	0	0	0	0	0	1	2	5	11	8	3	0	0	2	9	19	0	2	5	3	3	1	4	9	3		
	21	1017.7	-	13.0	1.3	12.8	85	3.5	11	4	4	7	4	0	0	0	0	2	3	2	11	8	4	0	0	0	5	23	2	2	6	4	2	2	7	3	2			
	3	1017.6	+1.7	12.8	1.4	12.5	84	5.8	3	2	4	10	10	1	0	1	0	3	6	4	4	5	6	1	0	1	5	22	2	0	2	5	3	7	5	4	2			
	9	1017.0	-	17.1	3.6	12.6	65	4.2	4	6	7	11	2	0	0	0	0	0	3	8	7	6	6	0	0	0	9	21	0	4	0	6	1	4	6	7	2			
Elmdon 362 ft.	15	1017.8	-	13.5	1.4	13.0	84	3.2	7	7	4	3	9	0	0	0	0	1	1	6	9	9	3	0	0	0	0	6	21	3	5	1	6	2	4	5	2	2		
	21	1017.5	-	9.9	0.7	11.4	92	4.8	6	4	3	5	7	5	0	4	3	3	1	5	4	7	3	0	0	0	6	9	15	1	1	0	1	4	5	3	0			
	3	1017.6	-	12.9	1.2	12.8	85	6.3	2	2	2	13	10	1	0	0	0	1	3	4	6	5	11	0	0	0	1	9	13	7	1	2	3	1	7	3	5	1		
	9	1017.0	-	17.0	3.7	12.4	64	4.6	2	7	7	11	3	0	0	0	0	0	0	1	8	15	4	2	0	2	8	17	3	1	2	5	4	1	6	7	1			
	15	1017.8	-	11.9	1.2	12.2	87	3.7	7	8	3	7	4	1	0	1	0	0	7	7	6	9	0	0	0	0	6	11	13	2	0	3	0	3	5	4	0			
Shropshire Shawbury 249 ft.	3	1017.0	-	10.0	0.5	11.8	95	6.1	0	3	6	7	8	6	1	4	1	3	1	4	2	5	8	1	0	0	3	19	8	1	0	4	1	7	3	6	0			
	9	1017.2	-	12.8	1.1	13.0	88	6.9	1	0	3	14	8	4	0	0	3	3	1	0	6	4	2	6	5	0	0	9	13	8	1	0	1	4	4	7	1			
	15	1016.9	-	16.6	3.0	13.3	71	5.2	2	6	4	13	5	0	0	0	0	0	0	3	9	2	10	6	0	0	1	9	19	1	1	3	4	1	7	4	7	2		
	21	1017.4	-	12.2	0.9	12.9	90	4.5	6	4	3	11	5	1	0	0	1	2	1	6	5	3	11	1	0	0	6	17	7	5	0	2	2	4	7	2	1			
	3	1017.6	-	11.0	0.7	12.3	92	5.3	8	1	0	9	8	4	0	3	1	0	0	6	8	3	6	3	0	0	6	12	12	1	3	0	0	1	10	3	0			
Worcester Persore 117 ft.	9	1017.9	-	13.3	1.4	13.0	85	5.8	2	3	3	12	9	1	0	1	1	3	0	6	6	4	6	3	0	0	3	6	14	7	1	2	5	0	2	5	8	0		
	15	1017.2	-	17.9	3.6	13.5	67	4.3	4	6	5	12	3	0	0	0	0	0	2	8	8	3	9	0	0	1	10	18	1	3	1	9	0	0	6	8	2			
	21	1017.8	-	12.9	1.0	13.2	88	3.4	11	6	1	5	6	1	0	1	1	1	0	5	7	4	7	4	0	0	1	6	13	10	1	1	5	0	1	10	1	1		
	3	1017.7	+1.6	12.9	1.4	12.7	86	5.9	0	5	5	6	10	4	0	0	3	3	0	1	4	7	2	9	1	0	1	5	22	2	3	4	4	1	3	4	7	2		
	9	1017.1	-	17.4	3.5	13.2	67	4.7	2	9	4	6	9	0	0	0	0	0	0	3	9	4	13	1	0	0	8	22	0	2	6	4	1	2	5	9	1			
Hereford Ross-on-Wye 226 ft.	15	1017.8	-	12.8	0.9	13.4	90	4.0	9	6	2	2	11	0	0	1	0	1	4	3	9	2	10	0	0	0	3	23	4	1	4	2	0	2	13	3	1			
	21	1018.0	-	11.9	0.6	13.1	93	4.4	11	0	3	7	6	3	0	2	1	6	2	9	8	1	0	0	0	1	5	15	9	3	4	2	1	4	5	2	0			
	3	1018.2	+1.8	13.5	1.2	13.5	87	6.0	2	1	6	8	11	2	0	0	1	1	2	0	6	5	11	3	1	0	1	7	22	0	1	8	5	2	4	5	5	0		
	9	1017.6	-	17.3	2.9	14.2	72	4.7	3	6	6	10	5	0	0	0	0	0	0	2	7	10	7	4	0	2	7	19	2	0	8	4	0	2	7	7	0			
	15	1018.1	-	13.6	0.9	14.0	89	4.4	8	1	9	2	8	2	1	1	0	0	1	6	8	12	1	0	0	1	6	17	6	3	5	1	1	1	9	3	1			
Gloucester Filton 197 ft.	3	1018.0	-	11.7	0.8	12.8	92	5.1	7	2	2	6	8	5	0	3	0	3	2	14	5	1	0	0	0	0	5	15	10	4	1	1	1	6	5	2	0			
	9	1018.3	-	13.5	1.5	13.0	84	6.1	1	3	5	9	12	0	0	0	0	5	1	8	6	2	5	3	0	1	6	14	9	3	2	0	1	4	7	2	2			
	15	1017.6	-	18.4	3.7	14.0	66	4.8	2	6	5	15	2	0	0	0	0	0	0	5	5	8	7	5	0	1	9	18	2	3	4	2	1	1	8	5	4			
	21	1018.2	-	13.5	1.1	13.7	87	3.3	11	6	2	4	6	1	0	0	0	0	1	4	6	8	5	3	3	0	0	3	13	14	0	2	0	0	4	8	1	1		
	3	1017.7	-	11.1	0.6	12.4	93	4.9	8	1	3	6	10	2	2	3	0	0	2	6	11	4	2	0	0	0	6	22	2	2	6	3	3	0	9	3	2			
Little Rissington 751 ft.	9	1018.0	+1.7	12.2	1.0	12.6	89	6.4	2	2	2	8	10	6	1	3	2	1	1	3	8	5	5	1	0	1	9	19	1	2	4	6	0	3	6	7	1			
	15	1017.1	-	16.4	4.9	13.2	71	4.3	4	6	6	10	3	1	0	1	0	0	0	1	9	10	3	6	0	1	12	15	2	0	5	2	1	4	7	4	0			
	21	1018.0	-	12.8	1.0	13.1	88	3.6	11	5	1	7	4	2	0	2	0	1	0	9	9	7	1	1	0	0	6	24	0	6	7	4	0	1	6	6	0			
5 ENGLAND, S.E.																																								
Greater London Heathrow 86 ft.	3	1017.8	-	12.1	0.7	13.1	91	5.1	6	3	1	11	8	1	0	0	2	1	4	4	6	10	3	0	0	0	5	21	4	5	7	0	0	1	7	5	1			
	9	1018.1	-	14.1	1.6	13.3	83	6.2	1	3	3	11	10	2	0	2	0	2	5	1	8	6	5	1	0	0	8	20	2	2	7	3	0	3	5	8	0			
	15	1017.3	-	18.9	4.1	13.7	63	4.1	4	6	9	8	3	0	0	0	0	0	0	3	6	11	8	2	0	0	12	18	0	2	4	7	1	3	3	8	2			
	21	1018.0	-	14.5	1.6	13.7	82	3.9	12	6	3	3	6	0	0	0	0	1	1	8	7	9	3	1	0	0	4	23	3	2	6	7	0	2	5	4	1			
	3	1018.4	+2.8	14.7	1.9	13.2	80	6.2	1	2	4	13	8	2	0	1	1	2	4	1	9	3	7	2	0	0	7	19	4	3	3	5	1	2	5	7	0			
Kew 34 ft.	9	1017.4	-	18.7	4.0	13.5	63	4.7	4	4	7	1																												

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS SEPTEMBER, 1966

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (ft.)		Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Yards and Miles)							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	0-44 yds.	45-210 yds.	220-430 yds.	440-1,000 yds.	1,100-2,100 yds.	2,200-4,300 yds.	3-6 mi.	7-12 mi.	13-24 mi.	25 or over mi.	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																																						
7a ENGLAND, N.W.																																						
Cumberland Carlisle	3	1015.0	-	11.5	0.7	12.5	91	6.1	2	1	4	12	10	1	0	0	0	0	3	7	8	8	3	0	0	1	4	16	9	0	0	3	5	3	4	5	1	
	9	1015.2	-	13.5	1.4	13.2	85	6.0	0	5	3	14	8	0	0	0	0	0	1	7	10	8	4	0	0	2	4	20	4	0	1	3	6	8	7	1		
	15	1015.1	-	16.2	2.8	13.2	71	5.3	0	7	7	10	6	0	0	0	0	0	5	6	11	3	5	0	0	0	15	11	4	1	0	1	1	3	10	9	1	
Westmorland Great Dun Fell	21	1015.5	-	12.8	1.0	13.2	88	4.5	3	10	2	7	8	0	0	0	0	0	2	7	8	6	0	0	0	0	6	13	11	0	1	4	0	1	8	5	0	
	3	-	-	7.2	0.3	9.8	96	7.3	2	0	1	1	3	23	13	10	0	0	1	0	5	1	0	3	7	9	7	4	0	0	0	1	5	10	10	0		
	9	-	-	7.8	0.2	10.4	98	7.1	2	1	0	4	2	21	5	16	0	1	0	1	1	4	2	0	4	5	12	6	3	0	0	0	1	4	12	9	1	
Lancashire Squires Gate	15	-	-	9.5	0.7	10.9	91	6.5	2	0	5	8	6	9	3	6	0	1	0	8	5	5	1	3	9	6	9	3	1	1	0	1	4	11	9	0		
	21	-	-	7.9	0.1	10.6	98	5.7	6	3	0	1	2	18	9	9	0	2	0	3	2	5	0	3	6	9	8	4	2	0	1	0	3	10	10	0		
	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Speke	9	1015.9	+1.2	13.8	1.0	14.0	89	6.3	3	0	2	18	7	0	0	0	0	3	2	8	5	8	4	0	0	5	9	15	1	0	0	0	4	6	2	7	4	
	15	1016.1	-	16.4	2.1	14.6	78	5.1	2	5	7	7	9	0	0	0	0	0	6	8	4	8	4	0	0	3	12	15	0	0	0	3	3	6	4	10	4	
	21	1016.3	-	12.7	0.9	13.4	90	4.1	8	4	4	8	6	0	0	0	2	1	0	4	6	2	9	6	0	2	10	16	2	1	1	6	3	3	8	3	0	
Cheshire Ringway	3	1016.5	-	12.0	0.9	12.7	90	5.5	3	4	3	13	4	3	2	2	0	1	6	5	7	6	0	0	1	6	13	10	0	0	3	4	5	2	5	1		
	9	1016.6	-	13.3	1.2	13.2	87	7.1	0	0	2	18	9	1	0	2	0	0	3	9	5	7	4	0	4	6	15	5	0	0	0	2	8	5	1	8	1	
	15	1016.6	-	17.1	3.0	13.7	70	4.8	1	6	9	10	4	0	0	0	0	0	5	6	6	7	6	0	0	2	11	15	2	1	0	1	5	6	6	7	2	
Rhoose	21	1016.9	-	13.4	1.2	13.4	87	4.1	7	5	3	10	5	0	0	0	0	2	6	6	9	5	0	0	0	8	15	7	0	1	1	5	5	4	2	0		
	3	1016.7	-	11.0	0.8	12.0	91	5.7	6	0	1	14	8	1	1	0	1	2	10	7	5	3	0	0	0	8	15	8	0	1	2	2	2	1	4	0		
	9	1016.6	+1.5	12.8	1.4	12.3	83	5.5	2	1	7	12	7	1	0	2	0	1	4	7	9	6	1	0	0	3	5	16	6	0	0	3	1	9	4	6	1	
7b NORTH WALES Anglesey Valley	15	1016.4	-	16.7	3.9	11.8	62	4.7	1	9	5	12	3	0	0	0	0	0	7	6	8	7	2	0	1	12	15	2	4	2	2	1	3	7	9	0		
	21	1017.0	-	13.0	1.5	12.5	83	4.5	7	4	5	6	8	0	0	0	0	4	8	9	7	1	1	0	0	5	19	6	0	1	3	5	9	3	0	0		
	3	1015.7	-	11.8	0.5	13.1	93	5.5	5	3	2	6	11	3	1	1	0	4	0	4	7	5	6	2	2	4	7	11	6	1	4	1	1	6	5	5	1	
Caernarvon Bardsey Island	9	1016.2	+1.5	14.3	1.1	14.4	88	6.1	3	0	6	14	7	0	0	1	0	0	4	5	8	5	2	0	5	9	12	4	1	2	4	2	3	7	6	1		
	15	1016.3	-	16.8	2.2	14.7	78	4.6	3	5	9	8	5	0	0	0	0	0	2	10	8	5	5	0	7	8	14	1	5	1	1	0	6	10	2	4		
	21	1016.2	-	13.2	0.7	14.0	92	4.3	7	2	7	9	5	0	0	1	0	0	6	11	4	5	3	0	6	7	11	6	2	6	2	0	4	4	6	0		
8a SOUTH WALES Cardigan Aberporth	3	1016.5	-	13.9	1.0	14.2	89	4.0	7	7	4	1	10	1	0	0	0	1	0	3	14	11	1	1	5	12	12	0	3	1	4	4	5	4	6	3		
	9	1016.7	-	14.7	0.8	14.6	87	5.2	4	3	6	8	8	1	0	1	0	0	1	4	10	12	2	3	4	10	11	2	1	0	6	3	6	4	2	2		
	15	1017.0	-	16.1	1.6	15.1	83	4.0	6	4	11	4	4	1	0	1	0	0	0	4	10	12	3	1	4	12	11	2	4	3	2	0	10	5	2	2		
Pembroke Milford Haven C.B.	21	1016.9	-	14.2	0.5	14.7	91	3.8	8	3	8	5	5	1	0	0	1	0	0	5	13	11	0	1	6	13	7	3	7	2	3	0	6	6	2	1		
	3	1016.8	-	12.0	0.9	12.7	89	3.8	8	5	5	6	6	0	0	1	0	0	2	13	10	3	1	0	3	8	12	7	1	0	1	3	10	4	4	0		
	9	1017.1	+2.0	13.9	1.3	13.6	85	4.9	6	3	1	16	3	1	0	1	1	0	0	5	12	6	4	1	0	3	7	17	3	0	2	4	5	5	4	6	1	
Glamorgan Mumbles	15	1017.1	-	15.8	2.1	14.0	77	4.2	5	5	6	11	3	0	0	0	0	0	2	10	10	7	1	0	3	10	17	0	7	8	0	1	2	6	6	0		
	21	1017.3	-	13.4	1.1	13.6	87	3.2	9	8	3	4	6	0	0	0	0	0	5	13	7	3	2	0	2	8	17	3	1	1	4	5	7	6	3	0		
	3	1017.3	-	13.0	0.8	13.6	90	4.1	10	1	7	5	7	0	0	0	0	1	2	15	7	5	0	0	2	10	17	1	3	7	6	1	2	4	6	0		
Rhoose	9	1017.5	-	14.5	1.1	14.7	89	5.1	4	2	7	10	5	2	0	0	0	2	0	14	7	4	0	0	2	13	14	1	0	2	12	0	3	5	5	2		
	15	1017.6	-	17.0	1.9	15.7	81	4.4	5	3	10	6	6	0	0	0	0	0	1	17	8	4	0	0	2	13	14	1	2	1	4	6	3	7	6	0		
	21	1017.6	-	14.4	0.9	14.8	90	4.0	9	2	8	4	7	0	0	0	0	0	1	15	9	5	0	0	3	5	20	2	5	3	7	0	1	6	6	0		
8b ENGLAND, S.W. Somerset Yeovilton	3	1017.2	-	13.8	1.3	13.7	86	5.1	8	0	4	6	11	1	0	0	0	0	1	11	11	5	1	2	3	13	12	0	4	7	6	0	2	3	6	2		
	9	1017.5	-	14.5	1.4	14.0	85	5.7	4	0	6	9	10	1	0	0	1	0	0	5	16	5	2	1	6	11	12	0	0	7	10	0	2	2	9	0		
	15	1017.5	-	16.4	2.2	14.4	77	4.1	5	6	8	5	6	0	0	0	0	0	2	13	9	5	1	0	6	17	5	2	0	0	7	2	3	6	8	2		
Devon Hartland Pt.	21	1017.6	-	14.9	1.5	14.3	84	4.1	10	3	3	4	10	0	0	0	0	0	1	3	10	12	0	1	6	12	10	1	0	3	6	7	0	0	5	6	2	
	3	1017.4	-	12.3	0.6	13.5	93	4.5	5	5	3	5	10	2	0	1	1	0	3	4	6	10	5	0	1	8	20	1	2	12	3	1	0	2	8	1		
	9	1017.9	+1.5	13.8	0.9	14.2	89	5.5	1	4	4	10	8	3	0	2	0	1	6	7	8	4	1	0	2	15	13	0	1	9	6	1	1	4	7	1		
Cornwall Scilly	15	1017.9	-	16.6	2.0	15.0	79	4.4	3	7	7	10	3	0	0	0	0	0	5	9	5	5	6	0	1	15	14	0	0	2	12	1	0	2	12	1		
	21	1018.0	-	13.4	0.7	14.2	92	4.1	8	3	6	9	4	0	0	0	0	1	3	4	8	3	0	0	1	7	20	2	1	10	3	0	0	3	7	4		
	3	1018.3	-	11.2	0.8	12.7	91	4.9	7	3	3	5	8	4	2	2	2	1	4																			

TABLE VIII—NUMBER OF DAYS IN SEPTEMBER, 1966
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	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	1	28	1	0	0	0	0	0	0	3	19	8	0	Edgbaston	0	0	0	6	18	6	0	0	0	0	0	0	0	0	16	13	0
Stornoway	0	0	0	18	12	0	0	0	0	0	0	1	14	15	0	Kew	0	0	1	17	12	0	0	0	0	0	0	0	0	10	18	0	
Craibstone	0	0	0	9	20	1	0	0	0	0	0	0	23	7	0	Hastings	0	0	0	0	25	5	0	0	0	0	0	0	0	5	21	4	0
Rothess	1	0	0	15	15	0	0	0	0	0	0	0	12	18	0	Southampton	0	0	0	1	14	15	0	0	0	0	0	0	0	15	14	1	0
Abbotsinch	0	0	0	7	23	0	0	0	0	0	0	2	13	15	0	Stonyhurst	0	0	0	6	24	0	0	0	0	0	0	0	1	15	14	0	0
Eskdalemuir	0	0	0	14	15	1	0	0	0	0	0	4	19	7	0	Bidston	0	0	0	9	21	0	0	0	0	0	0	0	0	11	18	1	0
Douglas	0	0	0	10	20	0	0	0	0	0	0	0	10	20	0	Valley	0	0	1	29	0	0	0	0	0	0	0	0	0	12	17	1	0
Cockle Park	0	0	0	10	20	0	0	0	0	0	0	1	18	11	0	Falmouth	0	0	1	25	4	0	0	0	0	0	0	0	0	6	24	0	0
Gorleston	0	0	0	1	20	9	0	0	0	0	0	0	4	24	2	Aldergrove	0	0	5	24	1	0	0	0	0	0	1	11	18	0	0	0	0
Cambridge	0	0	0	1	16	13	0	0	0	0	0	2	12	15	1	Armagh	0	0	3	24	3	0	0	0	0	0	0	0	0	15	15	0	0

TABLE XIII—SOLAR RADIATION AND ILLUMINATION, SEPTEMBER, 1966

[illegible]

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

Met. O.775



Volume 83 Number 10

Published by HER MAJESTY'S STATIONERY OFFICE

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October 1966 — *Wet in Eastern England, dry in Western Scotland*

Weather was mainly cyclonic in character except for brief anti-cyclonic interludes on the 9th, 11th, 24th-25th and 28th-31st.

The unsettled weather at the end of September continued during the first week of October, troughs and depressions from the Atlantic bringing periods of widespread, and at times, heavy rain. Many places in Scotland recorded more than 1 inch of rain on the 1st, as a disturbance moved steadily north-eastwards from the region of the Irish Sea. Another depression approaching our south-west coasts brought widespread and heavy rain on the 3rd with falls exceeding 2 inches at places as far apart as Hastings and Lowtown, Co. Antrim; there was considerable flooding in Kent. Although temperature in southern England remained above normal on the 4th, northerly winds brought a sharp fall of temperature in the north and snow showers to the Northern Isles of Scotland. Air frost was reported locally in Scotland on the morning of the 5th as a small anticyclone moved eastwards across northern districts. During the 6th and 7th a complex low pressure system moved slowly eastwards across the United Kingdom and weather was dull and rather mild with rain at times nearly everywhere.

A small anticyclone centred north of Scotland, with a ridge extending southwards, moved slowly eastwards during the next two days. Overnight fog persisted locally in the Midlands throughout both days and was particularly dense and widespread early on the 9th, but weather was mainly dry. Winds freshened a little on the 10th as a small depression from the Bristol Channel moved eastwards across the country bringing a renewal of widespread rain.

The 11th-15th was somewhat warmer with sunny periods, the 11th being the first generally sunny day of the month. The 12th also was fine and sunny except in the west, but slow-moving troughs, associated with an intense but declining depression moving from the west of Ireland towards the Bay of Biscay, brought widespread rain on the 13th. Outbreaks of thundery rain characterised the next two days as pressure fell steadily over the country and by the 15th the United Kingdom lay under a complex low pressure system extending from Spain to the Faroes.

Rain or thundery showers, heavy at times, continued as the system moved slowly eastwards—local whirlwinds caused damage near Oxford and Bournemouth. A belt of frontal rain, associated with a deep depression to the west of Ireland moved north-eastwards across most districts during the night clearing Scotland and south-east around noon on the 17th.

That night winds increased to gale force in the western English Channel as a deepening depression from the Atlantic approached southern Ireland, and the 18th and 19th were stormy days with widespread gales and frequent thunderstorms as the depression moved slowly northwards to the Irish Sea. Winds moderated on the 20th as a depression slowly filled and moved northwards over Scotland, and by the 21st most of southern England enjoyed long sunny periods. Although showers continued in Scotland on the 22nd, a small depression moving eastwards across southern England brought renewed heavy rain to the Midlands and southern districts with widespread flooding—Hurn recorded more than 2 inches of rain about half of which fell in two hours.

The rain gave place to showers on the 23rd as a northerly airstream from high latitudes spread over the whole country, and early the next morning air frost and freezing fog affected some Midlands districts. The cold showery weather with winds from a northerly quarter continued for most of the remainder of the month. Showers became frequent and thundery on the 27th with gales in north-east coastal areas as a depression moved southwards over the North Sea to the Dover Straits and thence into northern France. Winds were fairly light on the 28th-30th with a ridge of high pressure from an anticyclone to the west of Ireland covering most of the country, but winds freshened from the north-west as a belt of frontal rain moved south-east across all districts on the last day of the month.

Pressure and Wind—Mean pressure was well below the 1931-60 average, the deficit at 9h G.M.T. ranging from -2.3 mb at Stornoway to -9.1 mb at Mount Batten. Surface winds were very variable in

direction during the first 11 days though at times moderate to fresh; they were predominantly south-easterly on the 12th-19th, though variable on the 15th and 16th, after which they were mainly from a northerly quarter until the end of the month. Gales were reported on five days in Scotland but were never widespread, they were recorded on 11 days in England and Wales, and were especially frequent during the third week; they were widespread on the 18th when a gust of 64 kt was recorded at the Lizard.

Temperature—Mean temperature was above the 1931-60 average in east and south-east England, but elsewhere it was mainly below the average. In south-east England, nights were particularly mild around the 5th and 15th. In Scotland a mild period occurred during the second week with afternoon temperatures exceeding 16°C in many places.

Extremes included (England and Wales) 21.7°C at Wincanton on the 4th, -3.9°C at Newton Rigg on the 24th and at Alwen, Swyddffynnon and Corwen on the 29th; (Scotland) 17.2°C at Kinloss, Elgin and Gordon Castle on the 7th, -7.2°C at Balmoral on the 5th; (Northern Ireland) 18.3°C at Tollymore Park on the 1st, -3.3°C at Lisnaskea and Pubble Forest on the 28th.

Rainfall—In Scotland rainfall was above the 1916-50 average in most eastern and northern districts with excesses of 50 per cent in some places; elsewhere it was mainly below. In England and Wales it was below average over much of north-west England and North Wales, but more than twice the average in south-east Cornwall, in parts of Wiltshire, Dorset, Sussex and Kent and locally near the coast in Suffolk. It was more than 380 per cent of the average in the Manston area.

Thunderstorms were reported on five days in Scotland and were most widespread on the 7th. In England and Wales they occurred on 13 days, mainly during the first and third weeks, and were widespread on the 18th.

Sunshine—It was a dull month except in western districts of the United Kingdom. Sunshine was generally above the 1931-60 average in Northern Ireland and excesses of 20 hours were recorded in south-west Scotland. In parts of south-west England sunshine exceeded 120 per cent of the average, but in many eastern districts it was less than 70 per cent.

Fog—Fog at 9h was observed at one place or another on 14 days in Scotland and 25 days in England and Wales. It persisted throughout the day over much of the Midlands and Southern England on the 8th and 9th.

Miscellaneous Phenomena—The aurora was visible in Scotland on 12 nights.

TABLE I—DISTRICT VALUES, OCTOBER, 1966

DISTRICTS	AIR TEMPERATURE					EARTH TEMP.		RAIN DAYS	RAIN-FALL	SUN-SHINE
	*Highest Max.	*Lowest Min.	Max.	Min.	Mean	Mean 1 ft.	Mean 4 ft.			
	Difference from Average									
0 SCOTLAND, N.	15.6	-2.2	-0.3	-0.8	-0.5	-	-	0	105	88
1 SCOTLAND, E.	16.7	-3.3	-0.8	-0.4	-0.6	+0.1	+0.1	-1	115	80
2 ENGLAND, N.E.	19.0	0.1	-0.6	+0.1	-0.2	+1.1	+0.4	+3	127	72
3 ENGLAND, E.	20.0	0.6	+0.1	+1.5	+0.8	+1.3	+0.3	+5	149	71
4 MIDLANDS	20.2	-0.6	-0.2	+0.4	+0.1	+0.7	+0.4	+4	153	94
5 ENGLAND, S.E.	19.4	-0.1	+0.3	+1.3	+0.8	+0.9	+0.3	+6	210	73
6 SCOTLAND, W.	16.1	-3.4	-0.4	-1.2	-0.8	0.0	+0.1	0	65	116
7 ENGLAND, N.W. and N. Wales	17.6	-3.9	-0.3	-0.2	-0.2	+0.4	+0.5	+3	101	96
8 ENGLAND, S.W. and S. Wales	20.6	-3.3	+0.1	0.0	+0.1	+1.2	+0.5	+3	145	102
N. IRELAND	17.1	-2.8	-0.4	-1.4	-0.9	-	-	+1	111	123
SCOTLAND	16.7	-3.4	-0.5	-0.8	-0.6	-	-	0	88	95
ENG. and WALES	20.6	-3.9	-0.1	+0.5	+0.2	-	-	+4	141	85

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

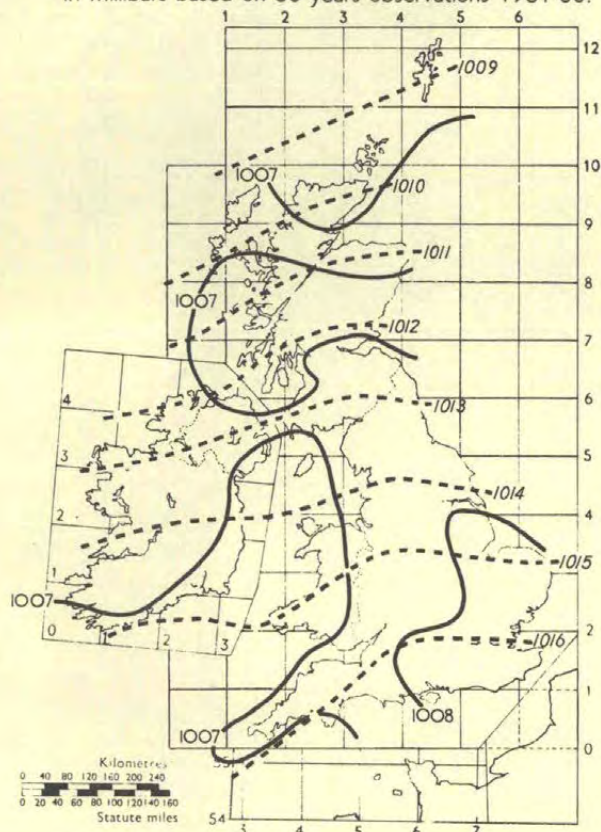
TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— OCTOBER, 1966

DISTRICT COUNTY AND PLACE			HEIGHT OF VANE IN FEET			DISTRIBUTION OF MEAN HOURLY 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	
6	Zetland	Lerwick	304	33	33	26	10	11	52	386	274	22	0	13.1	040	38	26	11	040	62	26	1530
	Orkney	Kirkwall	134	50	33	31	2	9	67	382	257	36	0	12.4	330	40	31	24	330	58	31	2315
	Caithness	Dounreay	110	39	30	-	0	19	125	512	83	0	24	16.5	140	31	6	05	140	42	6	0415
	Sutherland	Shin	78	33	33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Ross & Cromarty	Stornoway (C'Guard)	120	40	36	26	1	7	38	357	213	135	0	10.7	360	34	26	14	360	48	26	1340
	Inverness	Duirinish	125	65	55	-	0	0	0	137	413	194	0	6.5	350	20	31	21	-	39	31	1525
		Benbecula	52	38	33	-	0	8	48	370	275	51	0	12.0	360	31	26	13	310	50	31	1550
		Fort Augustus	189	53	53	-	0	0	0	50	266	428	0	3.7	020	14	3	19	130	35	13	0850
		(N.S.H.E.B)																				
1	Moray	Kinloss	57	41	41	-	0	6	27	287	363	67	0	9.8	360	28	27	04	010	43	26	1940
		Lossiemouth	101	80	60	-	0	5	26	264	360	94	0	9.5	360	28	26	20	330	48	31	2330
	Aberdeen	Dyce	234	30	30	-	0	3	10	283	295	156	0	8.8	150	25	6	05	360	40	27	0530
	Angus	Bell Rock	128	131	124	5, 6, 26, 27	26	20	133	379	137	69	0	15.4	010	42	27	09	010	56	27	0830
	Perth	Rannoch	1006	56	57	-	0	4	11	272	185	264	12	8.0	100	26	13	08	030	38	3	2040
		Tummel Bridge	528	53	53	-	0	0	0	26	268	435	15	3.4	120	15	5	19	320	32	27	0740
	Fife	Leuchars	78	40	40	-	0	4	10	231	446	57	0	9.0	130	24	5	24	310	36	31	1455
	Midlothian	Turnhouse	137	40	38	-	0	2	2	149	371	222	0	6.5	230	23	6	17	230	41	6	1645
		Edinburgh, Blackford Hill	496	50	34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6a	Argyll	Tirce	89	60	47	26	6	15	153	339	147	99	0	14.0	360	36	26	18	360	51	26	1730
	Bute	Millport	50	34	34	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Dunbarton	Cumbernauld	543	33	33	-	0	1	1	209	370	164	0	7.6	200	25	6	17	210	35	6	1640
	Renfrew	Paisley	188	81	31	-	0	0	0	23	330	391	0	3.7	030	20	27	15	040	32	27	1425
		Abbotsinch	52	33	33	-	0	1	1	125	370	248	0	5.9	010	24	27	16	010	39	27	1545
	Lanark	Lowther Hill	2415	43	33	18, 27	8	16	140	325	230	41	0	14.0	140	36	18	06	140	49	18	0545
	Ayr	Hunterston	41	30	30	-	0	4	7	233	244	260	0	7.5	060	26	18	06	270	40	31	1540
		Prestwick	68	33	33	-	0	2	5	236	306	197	0	7.8	090	24	18	05	310	40	31	1625
	Dumfries	Chapelcross	310	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Eskdalemuir	825	50	35	-	0	0	0	126	250	368	0	5.0	100	19	18	05	020	43	27	0635
	Wigtown	West Freugh	81	33	33	-	0	5	16	255	426	47	0	9.4	150	25	12	23	150	40	12	2245
6b	Isle of Man	Ronaldsway	82	33	33	-	0	9	61	271	305	107	0	10.6	100	32	18	03	110	48	18	0325
		Point of Ayre	64	33	33	-	0	9	65	397	216	66	0	12.5	060	33	3	21	060	48	3	2020
2	Durham	Durham	389	53	33	-	0	0	0	86	359	253	46	5.4	250	16	1	18	250	32	1	1750
		South Shields	73	57	44	-	0	5	28	194	351	171	0	8.4	350	28	27	08	010	42	27	0630
	Lincoln	Cranwell	288	47	47	-	0	0	0	183	422	139	0	7.7	190	21	19	13	180	32	18	1515
		Manby	85	33	33	-	0	0	0	206	384	154	0	7.7	200	18	19	12	190	29	19	1200
3	Norfolk	Gorleston	54	43	43	18, 19	4	12	87	314	256	67	16	12.6	160	35	18	08	170	43	19	0120
	Suffolk	Mildenhall	98	83	60	-	0	0	0	60	424	260	0	5.2	150	17	18	07	160	38	19	0010
	Bedford	Bedford	322	42	30	-	0	1	1	189	410	144	0	7.9	190	23	19	12	190	39	19	1100
		Cardington	226	133	133	-	0	3	7	269	348	120	0	9.0	200	25	19	14	210	41	19	1055
	Hertford	Garston	307	50	33	-	0	0	0	25	479	240	0	4.7	160	15	18	05	170	31	18	2235
		Rothamsted	461	41	33	-	0	0	0	24	395	325	0	4.3	030	15	28	14	160	34	18	0415
	Essex	Stansted	351	31	31	-	0	2	3	200	408	133	0	7.7	140	23	18	05	180	33	19	1340
		Coryton	66	57	48	-	0	1	1	86	520	108	29	6.8	130	23	18	05	140	36	18	0535
		Shrewburyness	118	106	91	18, 19	3	10	65	394	238	44	0	12.8	150	35	18	06	180	46	19	0030
4	Yorks, W.R.	Sheffield	533	83	85	-	0	0	0	34	251	459	0	3.4	010	14	28	04	150	32	18	0505
	Warwick	Edgbaston	643	118	73	-	0	0	0	103	569	72	0	6.9	150	18	18	03	140	35	18	0215
		Elmdon	343	31	31	-	0	1	3	202	387	152	0	8.1	140	22	18	03	160	42	18	1230
	Buckingham	Amersham	500	50	50	-	0	0	0	96	434	214	0	5.8	180	18	19	15	180	40	19	1115
	Stafford	Keele	706	50	33	-	0	0	0	75	392	277	0	5.4	180	15	19	16	130	34	18	0215
	Worcester	Pershore	154	33	33	-	0	1	2	186	346	210	0	7.2	150	24	18	02	160	38	18	0150
5	Greater London	London W/Centre	306	229	125	-	0	0	0	254	421	69	0	8.9	160	20	18	05	160	34	18	0405
		Heathrow	115	33	33	-	0	1	1	146	464	133	0	7.5	160	22	18	05	150	37	18	0400
		Hampton	139	101	100	-	0	0	0	95	446	203	0	6.2	180	19	18	23	160	37	18	2210
		Kew	92	75	50	-	0	0	0	85	451	208	0	6.2	200	20	19	12	210	39	19	1110
	Surrey	Gatwick	232	38	33	-	0	1	1	88	416	239	0	5.8	180	22	18	22	180	42	18	2150
	Kent	Isle of Grain	48	40	33	-	0	0	0	99	431	214	0	5.9	150	19	18	24	180	34	18	2345
		Dover	68	38	62	-	0	14	109	462	168	5	0	15.8	190	31	19	11	230	51	23	0105
	Sussex	Thorney Island	51	33	33	-	0	7	42	282	286	134	0	9.9	180	33	18	04	200	49	18	2105
	Berkshire	Abingdon	295	40	40	-	0	0	0	127	387	230	0	6.3	210	21	19	14	210	35	19	1305
	Hampshire	Hurn	86	53	46	-	0	2	8	214	363	159	0	8.1	160	24	18	01	180	47	19	0220
		Calshot	50	41	33	-	0	4	31	264	367	82	0	9.7	180	28	18	20	220	50	16	2225
		S. Farnborough	318	69	35	-	0	0	0	99	449	196	0	6.3	250	17	1	15	230	40	19	1020
	Wiltshire	Larkhill	491	51	36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Boscombe Down	425	53	58	-	0	4	15	253	391	85	0	9.1	160	27	18	01	180	43	18	1025
		Porton	394	33	33	-	0	5	15	250	344	135	0	8.9	210	25	19	13	220	37	19	1235
7a	Cumberland	Sellafield	83	39	35	-	0	1	5	222	405	112	0	8.3	130	25	18	05	130	38	18	0350
		Carlisle	137	42	30																	

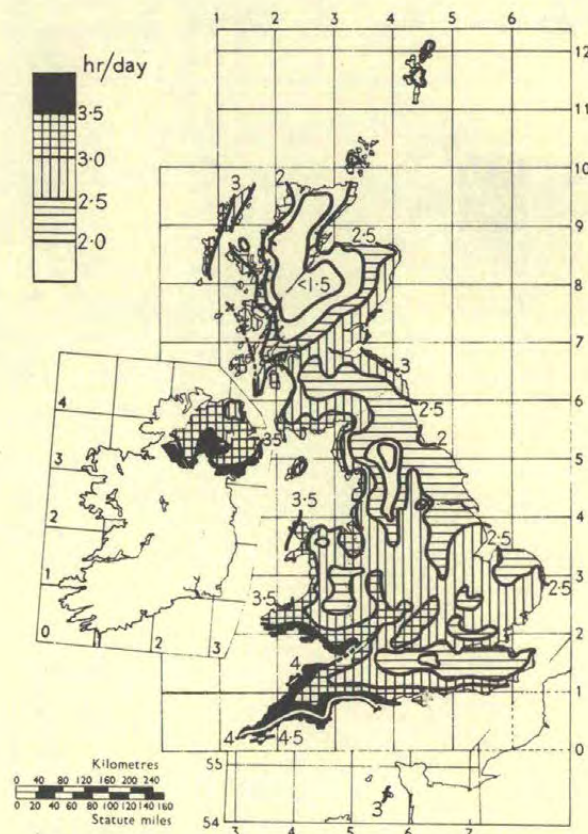
MONTHLY WEATHER CHARTS OCTOBER 1966

MEAN PRESSURE AT 9 G.M.T.

The dotted lines show the normal distribution of pressure in millibars based on 30 years observations 1931-60.

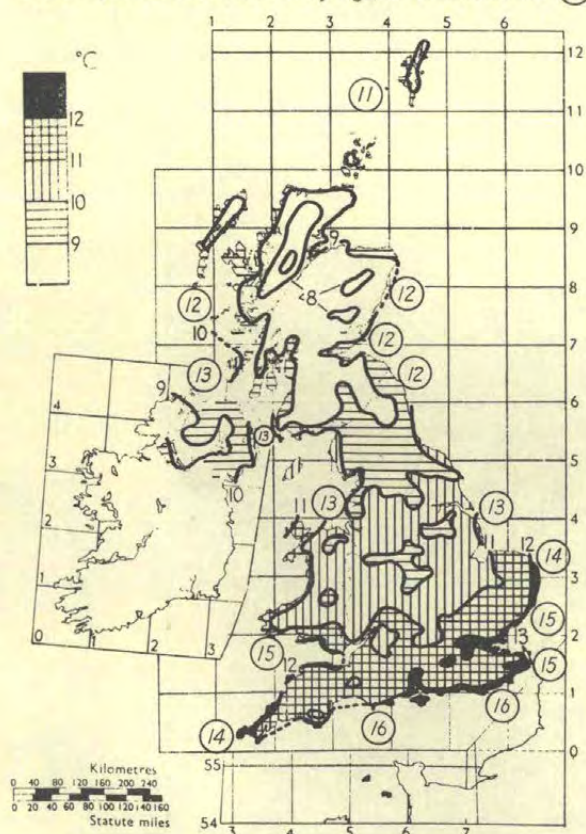


BRIGHT SUNSHINE

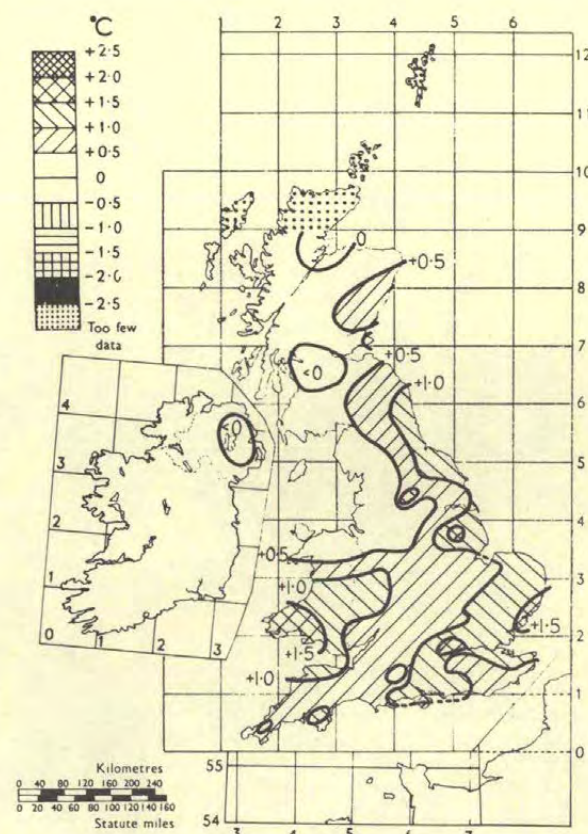


MEAN AIR TEMPERATURE

Reduced to sea level by a correction of 1°C. for 500 ft. Sea temperatures are shown by figures in circles thus (10)



ANOMALY OF MEAN 1 ft. EARTH TEMPERATURE



RAINFALL

OCTOBER 1966

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

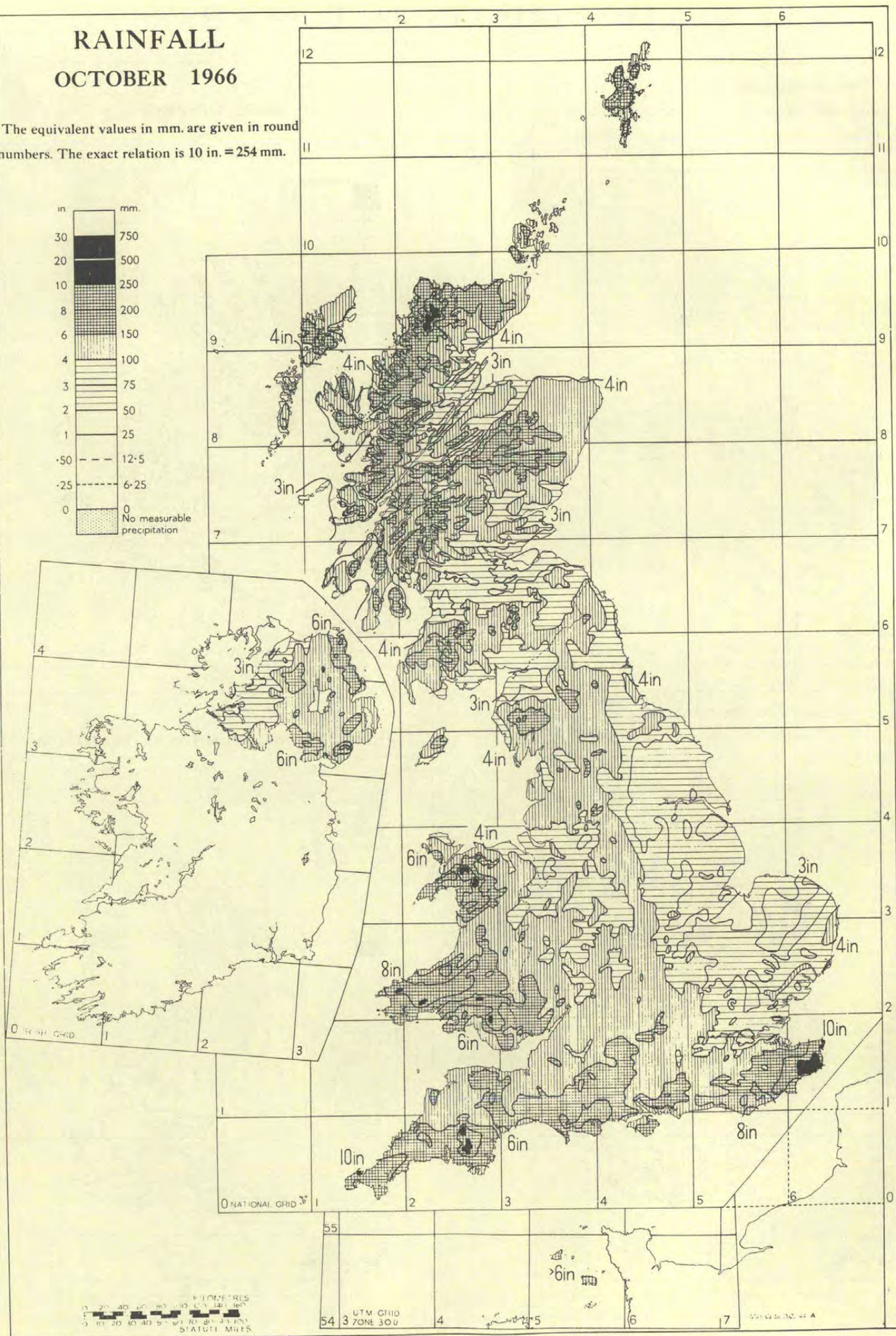
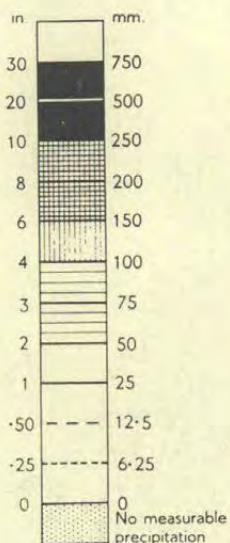


TABLE III

—SUMMARY OF DAILY OBSERVATIONS

OCTOBER,

1966

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		Mean Temperatures (Mean of A & B)	Difference from Average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (inches)	Per cent of Average	Most in a Day Amount (inches)	Precip'n (0-2mm or more) (0-1mm 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	Gale	Daily Mean (hr.)	Per cent of Average	Exposure			
				A Max.	B Min.			Maximum	Date	Minimum	Date	1 ft.	4 ft.																			
				0 SCOTLAND, N.																												
Zetland	Hamnavoe	99	70	10.7	7.2	8.9	-	12.8	7,12,18	2.2	4	-	-	5.09	-	.85	5	29	20	0	0	1	1	0	0	0	-	5	2.23	-	-	
	Lerwick	99	269	9.9	6.6	8.3	+0.2	13.3	7	0.7	4	-	-	5.53	118	.90	1	25	21	1	0	0	4	0	2	0	1	2	1.88	87	-	
	Baltasound	99	78	10.2	5.7	7.9	-	14.4	7	0.0	4	9.1	-	5.67	119	1.11	1	28	22	2	0	0	0	0	1	0	0	0	1.47	-	-	
	Sule Skerry	99	43	11.1	8.4	9.7	-	14.0	7	4.2	4,31	-	-	5.32	-	1.08	1	25	21	0	0	0	0	0	0	0	2	3	-	-	-	
	Stenness	99	75	11.0	6.7	8.9	-	15.6	7	1.1	5	9.6	10.1	4.96	110	1.03	1	27	19	0	0	0	1	0	0	0	4	0	1.83	-	-	
Orkney	Evie	99	110	10.9	6.3	8.6	-	15.0	7	1.1	5	-	-	5.87	-	1.20	1	23	21	-	-	-	-	0	0	0	0	-	1.90	-	-	
	Kirkwall	21-9	84	10.8	6.5	8.7	-	15.0	7	0.4	5	-	-	5.66	125	1.34	1	27	19	4	0	2	0	0	0	0	4	2	2.00	80	-	
	Dounreay	99	73	11.9	6.1	9.0	-	16.1	9,10	0.0	5	-	-	4.31	-	.80	1	27	19	-	-	-	-	0	0	2	0	-	-	-	-	
	Wick	99	119	11.1	6.3	8.7	-0.3	15.6	7	-1.2	5	-	-	5.35	171	1.16	1	24	19	0	0	0	2	1	1	1	7	0	2.42	92	-	
	Cape Wrath	21-9	367	10.3	7.2	8.7	-0.7	15.2	12	2.4	5	-	-	5.21	101	1.04	1	25	22	0	0	0	0	0	0	0	0	2	1.85	-	-	-
Caithness	Achnary	99	380	11.2	3.2	7.2	-	15.6	7	-5.6	5	9.4	10.6	3.89	83	1.08	1	26	20	2	0	1	0	1	0	7	20	0	2.11	-	-	
	Strathly	99	120	11.5	4.6	8.1	-0.5	16.1	7	-1.1	5	-	-	6.92	143	1.41	1	28	27	3	0	0	3	0	0	1	-	0	1.57	67	S	
	Stornoway	99	11	11.4	5.0	8.2	-1.2	15.3	14	-2.2	5	-	-	3.93	90	.76	5	26	19	1	0	1	2	0	0	2	13	0	2.47	100	-	
	Balmacara	99	19	12.1	5.9	9.0	-	16.1	14	0.6	5	-	-	4.13	-	.84	5	20	16	0	0	0	0	0	0	0	0	-	-	-	-	
	Poolewe	99	20	11.8	6.3	9.1	-	15.6	14	1.1	4,5	-	-	5.09	80	.80	1	28	22	-	-	-	-	0	0	2	-	1.85	-	-	-	
Sutherland	Rudh Re	99	53	11.3	7.2	9.3	-	14.2	14	1.9	5	-	-	-	-	-	-	2	0	0	0	0	0	0	0	0	0	2	-	-	-	
	Inverpolly	99	45	11.7	5.6	8.7	-	15.6	7,14	-0.6	5	-	-	5.62	-	.90	1	27	19	0	0	2	0	0	-	1	10	0	-	-	-	
	Achnashellach	99	220	11.4	4.1	7.7	-1.0	15.6	7	-2.8	5	-	-	6.97	70	1.28	21	26	21	0	0	0	0	0	0	3	-	0	-	-	-	
	Kinlochewe	99	76	11.8	4.9	8.3	-	16.7	7,14	-1.7	5	9.9	-	6.34	73	.82	21	28	26	0	0	1	0	0	0	2	12	0	0.98	-	S	
	Fortrose	99	15	11.6	6.7	9.1	-0.6	14.4	7,14	2.2	5	-	-	2.68	96	1.10	1	16	9	0	0	0	0	0	0	0	0	0	2.05	74	-	
Inverness	Tarbatness	21-9	60	10.9	6.9	8.9	-	14.0	6,11	-0.5	5	-	-	3.43	142	.88	1	20	11	3	0	0	0	0	0	1	-	0	-	-	-	
	Benbecula	21-9	19	11.8	6.4	9.1	-0.7	14.5	7,14	-0.5	5	-	-	3.79	74	.72	5	22	19	0	0	1	0	0	0	1	7	2	3.37	-	-	
	Isle of Rhum	99	15	12.0	6.0	9.0	-	16.1	14	0.0	5	10.8	12.0	5.76	50	1.55	5	23	19	0	0	0	1	0	0	0	12	2	-	-	-	
	Prabost	99	230	11.4	5.9	8.7	-	15.6	7,14	0.6	5	-	-	4.57	53	.50	30	30	22	1	0	0	4	0	0	0	8	0	2.37	-	-	
	Duntulm	99	294	10.9	6.6	8.7	-0.7	14.4	14	1.7	5	-	-	4.35	72	.78	7	26	22	0	0	4	0	0	0	0	3	1	1.77	79	S	
Ross & Cromarty	Onich	99	48	11.9	5.4	8.7	-0.8	15.6	18	-1.1	5,31	-	-	4.51	49	.80	1	19	15	0	0	0	0	0	1	2	17	0	-	-	-	
	Fort William	99	27	11.9	4.9	8.4	-	16.1	18	-2.2	5,28	9.7	11.3	3.65	-	.86	1	22	15	0	0	0	0	0	0	2	10	0	1.36	-	S	
	Fort Augustus	99	70	11.4	4.7	8.1	-0.7	16.1	7	-2.2	5	-	-	2.32	-	.87	1	21	13	0	0	0	0	0	2	3	-	0	1.39	-	-	
	Cannich	99	350	10.7	1.6	6.1	-	15.0	7	-5.6	5	-	-	2.94	56	.77	1	24	15	0	0	0	0	0	0	11	20	0	-	-	-	
	Inverness	99	13	11.9	5.0	8.5	-	15.6	6,7	-0.6	5	-	-	2.55	96	1.10	1	13	11	0	0	0	0	0	0	1	11	0	1.85	-	-	
Aberdeen	Coire Cas Shieling	99	2500	6.3	2.1	4.2	-	11.1	7	-3.9	5	-	-	8.88	-	1.84	1	22	18	-	-	-	-	-	-	-	-	-	-	-	-	
	Cairngorm	99	3575	3.1	0.2	1.7	-	7.2	7,14	-6.7	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Achnagoichan	99	1000	9.7	2.9	6.3	-	14.4	7	-5.6	5	8.1	-	3.71	-	1.09	1	21	15	1	-	0	0	0	-	4	14	0	-	-	-	
	Glenmore Lodge	99	1120	9.9	2.6	6.3	-	14.9	7	-5.8	5	-	-	6.61	150	1.68	1	25	17	-	0	-	-	-	-	0	7	18	-	1.51	-	S
	1 SCOTLAND, E.																															
Nairn	Nairn	99	20	11.4	4.9	8.1	-1.1	14.4	6,14	-3.3	5	-	-	3.02	111	1.35	1	22	14	0	0	0	0	0	0	2	8	1	2.15	72	-	
	Forres	99	155	11.4	4.8	8.1	-1.0	16.7	7	-3.3	5	9.3	10.6	4.31	159	2.33	1	23	16	0	0	0	0	0	0	2	5	0	1.86	62	-	
	Kinloss	21-9	15	12.0	5.4	8.7	-	17.2	7	-3.2	5	9.8	-	3.77	142	2.07	1	23	13	2	0	0	1	0	0	2	6	0	1.91	-	-	
	Elgin	99	50	12.1	5.8	8.9	-	17.2	7	-2.2	5	-	-	3.65	130	1.76	1	18	15	0	0	0	1	0	0	1	6	0	2.32	-	-	-
	Lossiemouth	99	21	11.8	5.3	8.5	-0.6	16.1	6	-2.8	5	-	-	2.98	111	1.32	1	19	12	0	0	3	0	0	0	1	15	0	-	-	-	-
Moray	Gordon Castle	99	104	12.0	5.8	8.9	-0.3	17.2	7	-1.1	5	-	-	3.36	107	1.30	1	18	16	-	-	-	-	-	-	1	-	-	2.02	70	-	
	Glenlivet	99	706	10.4	4.2	7.3	-	16.2	6	-5.6	5	-	-	4.93	-	1.39	1	26	17	1	0	0	0	0	0	5	19	0	1.55	-	-	
	Banff	99	80	11.6	6.9	9.3	-	16.1	7,8	0.6	5	-	-	4.17	-	1.24	1	25	16	0	0	0	1	0	0	2	2.36	-	-	-	-	
	Braemar	99	1113	9.7	2.2	5.9	-1.1	12.8	7	-6.7	5	-	-	4.79	116	1.26	19	24	17	-	-	-	-	0	10	12	-	1.42	-	-	S	
	Balmoral	99	927	9.7	1.4	5.5	-1.7	12.8	7,14,18	-7.2	5	-	-	4.96	134	1.19	5	24	16	0	0	0	0	0	-	11	17	0	-	-	-	-
Aberdeen	Dipnet	99	580	10.9	3.6	7.3	-	15.6	11	-5.6	5	8.8	-	4.58	-	.89	19	20	12	-	-	-	-	-	1	5	15	-	2.28	-	-	-
	Huntly	99	405	11.0	4.6	7.8	-	15.4	7	-3.1	5	-	-	5.01	134	.92	1	23	17	0	0											

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

OCTOBER,

1966

DISTRICT, COUNTY AND PLACE		Terminal hr. GMT of Observation	Height of Station above MSL (feet)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days										BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
				MEANS OF		Mean Temperature (Mean of A & B)	Difference from Average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (inches)	Per cent of Average	Most in a day (inches)	Precip'n (inches)	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frosty	Grass min. below 0°C	Gale	Daily Mean (hr.)	Per cent of Average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS OCTOBER, 1966

DISTRICT, COUNTY AND PLACE		Terminal hr. GMT of Observation	Height of Station above MSL (feet)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 0 GMT)		WEATHER Number of Days												BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
				MEANS OF				HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (inches)	Per cent of Average %	Amount (inches)	Date	Precip'n (0.01 in (0.2mm) or more)	Snow or Sleet	Snow lying at 0 hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 0 hr.	Air Frosty	Grazing min. below 0°C	Gale	Daily Mean (hr.)	Per cent of Average %	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

OCTOBER,

1966

DISTRICT, COUNTY AND PLACE			Terminal hr. GMT of Observation	Height of Station above MSL (feet)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)			WEATHER										BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

OCTOBER,

1966

DISTRICT, COUNTY AND PLACE	Terminal hr. GMT of Observation	Height of Station above MSL (feet)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days										BRIGHT SUNSHINE							
			MEANS OF		Mean Temperature (Mean of A & B)	Difference from Average	HIGHEST MAXIMUM AND LOWEST MINIMUM				1 ft.	4 ft.	Total fall (inches)	Per cent of Average	Most in a DAY Amount (inches)	Date	Precip'n (0.01mm) (0.01mm) 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	Gale	Daily Mean (hr.)	Per cent of Average	Exposure			
			A Max.	B Min.			Maximum	Date	Minimum	Date																						
5 ENGLAND, S.E.—cont.																																
Surrey	Gatwick	21-9	192	14.6	7.4	11.0	+0.7	19.0	5	1.3	12	-	5.47	-	1.47	22	20	15	0	0	0	1	3	0	4	0	2.32	-	-			
	Wiseley	9-9	115	14.5	8.1	11.3	+1.0	18.9	3	1.1	29	12.4	4.05	160	.76	22	20	15	0	0	0	1	2	0	2	0	2.40	78	-			
Kent	Mickleham	9-9	179	14.2	7.1	10.7	-	18.3	3.5	0.0	26,29	-	4.68	165	1.05	22	20	17	0	0	0	0	2	2	2	0	-	-	-			
	Swanley	9-9	177	14.6	7.7	11.1	-	18.3	2.4,16	2.2	12,24,26	12.9	3.04	-	.73	22	21	14	0	0	0	0	1	1	0	2	0	2.12	-	-		
	Dartford	9-9	17	15.2	8.3	11.7	-	19.4	4,14,15	2.8	27	-	2.70	129	.71	22	20	12	0	0	0	0	2	2	0	-	0	-	-	-		
	Gillingham	9-9	14	14.8	9.1	11.9	-	20.0	15	4.4	26,29	-	4.71	189	1.04	22	21	16	-	-	-	-	-	-	-	-	-	-	-	-		
	Isle of Grain	9-9	9	15.3	10.6	12.9	-	20.0	3	5.6	23,29	-	-	-	.91	22	-	0	0	0	0	1	0	0	0	0	2.35	-	-	-		
	Dungeness	21-9	10	15.2	10.2	12.6	+0.8	18.5	3	1.6	27	-	6.85	224	1.25	3	23	18	0	0	0	4	0	0	-	2	-	-	-	-		
	Whitstable	9-9	9	15.0	9.6	12.3	-	20.0	3	4.4	26	-	5.86	236	1.00	22	24	21	0	0	0	2	1	0	-	0	2.47	-	-	-	-	
	Folkestone	9-9	128	15.1	10.1	12.6	-	19.4	5.15	5.0	27	15.1	9.07	296	1.38	29	24	18	0	0	1	1	4	0	0	0	2	3.11	-	-	-	
	Elmstone	9-9	28	14.3	8.7	11.5	-	19.4	3	2.2	27	-	8.75	-	1.61	3	23	21	-	0	-	-	1	0	0	-	-	-	-	-	-	
	Herne Bay	9-9	21	14.9	10.3	12.6	-	20.0	3	5.6	27	-	6.75	261	1.10	22	24	23	0	0	0	0	1	0	-	0	2.41	-	-	-	-	
	Dover	9-9	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Deal	21-9	18	14.8	11.0	12.9	-	19.6	3	4.5	27	-	8.75	-	1.46	29	24	21	0	0	1	0	5	0	0	0	-	-	-	-	-	
	Manston	21-9	145	14.5	9.5	12.0	-	19.5	3	3.5	27	-	9.83	-	1.70	29	23	22	0	0	1	0	4	0	0	0	-	-	-	-	-	
	Ramsgate	9-9	80	14.8	10.9	12.9	-	18.9	3	6.1	27	-	10.43	389	2.10	29	21	21	0	0	0	0	3	0	0	-	0	2.79	75	-	-	
	Margate	9-9	51	14.7	11.3	13.0	+1.0	19.4	3	5.6	27	13.4	9.45	381	1.95	3	24	21	0	0	1	0	4	0	0	0	2.53	68	-	-	-	
	West Malling	21-9	304	14.2	7.8	11.0	-	19.0	14	3.0	27	-	6.00	-	1.33	22	23	17	0	0	0	0	1	3	0	1	2.45	-	-	-	-	
	Goudhurst	9-9	280	14.3	7.6	10.9	-	19.4	14	2.2	27	-	7.35	202	.96	22	25	20	0	0	0	0	1	0	4	0	-	-	-	-	-	
	East Malling	9-9	122	14.8	8.2	11.5	+1.3	19.4	3.14	3.3	12,27	12.7	6.10	216	1.31	22	23	17	0	0	0	0	3	0	0	1	2.35	68	-	-	-	
	Sittingbourne	9-9	224	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Faversham	9-9	157	14.4	8.3	11.3	-	19.4	3.14	2.8	27	13.1	6.88	-	1.25	22	26	19	0	0	0	1	1	0	0	0	2.51	-	-	-	-	
	Wye	9-9	185	14.5	8.7	11.6	+1.0	18.9	3.14	2.8	27	12.8	9.34	274	1.40	3	24	22	0	0	1	0	2	4	0	0	2.44	87	-	-	-	
	Thorney Island	21-9	10	14.8	8.9	11.9	+0.4	18.0	3	3.9	29	-	5.12	178	.97	22	20	18	0	0	0	0	5	0	0	2	1	2.98	-	-	-	
	Bognor Regis	9-9	24	15.1	9.3	12.2	+0.7	18.3	5.6,11,13	3.9	26,27	-	14.6	5.11	1.66	1.18	22	20	17	0	0	0	1	0	0	0	2	3.39	86	-	-	
	Fernhurst	9-9	188	14.2	7.1	10.7	-	18.9	5	1.7	12	12.5	6.44	185	1.76	22	20	16	0	-	0	2	-	0	0	0	2.41	-	-	-	-	
	Littlehampton	9-9	15	15.2	9.0	12.1	+0.6	19.4	5	2.8	27	-	14.4	5.66	187	1.13	22	19	17	0	0	1	0	2	0	-	3.45	88	-	-	-	
	Rustington	9-9	10	15.1	8.2	11.7	-	18.9	4	2.2	27	-	13.8	5.61	-	1.07	22	18	17	-	-	-	-	2	-	-	2.88	-	-	-	-	
	Worthing	9-9	25	15.1	9.6	12.3	+0.5	18.9	5.11	4.4	26,29	13.3	14.3	5.67	192	1.20	22	20	17	0	0	1	0	2	0	0	3.33	83	-	-	-	
	Brighton	9-9	32	15.0	10.1	12.5	-	19.4	5	4.4	26,29	-	14.9	5.29	186	1.41	22	19	17	0	0	0	2	0	0	0	3.06	78	-	-	-	
	Plumpton	9-9	250	14.3	8.8	11.5	-	18.3	3.5	2.8	26	-	7.02	-	1.43	22	22	18	-	0	-	-	4	0	1	-	2.34	-	-	-	-	
	East Grinstead	9-9	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	East Hoathly	21-9	130	14.9	8.0	11.5	-	19.8	5	0.2	26	-	6.59	-	1.20	22	22	20	0	0	0	0	1	3	0	5	0	2.59	-	-	-	-
	Eastbourne	9-9	23	15.0	10.3	12.7	+0.8	18.9	5	5.0	27	14.1	7.83	219	1.29	22	24	20	0	-	0	0	0	0	0	0	3.24	82	-	-	-	
	Eastbourne C'Guard	21-9	10	15.1	9.4	12.3	-	19.2	5	2.0	27	-	8.36	236	1.33	22	24	18	0	0	0	2	-	0	0	4	-	-	-	-	-	
	Bexhill	9-9	14	14.8	10.3	12.5	+0.8	18.3	3.5,14	3.3	27	13.8	6.82	212	1.22	22	21	18	0	0	0	0	1	1	0	0	3.02	78	-	-	-	
	Bodiam	9-9	73	15.2	8.1	11.7	-	19.4	3	0.6	27	13.4	7.70	219	1.01	3	23	20	0	0	0	2	3	0	2	1	2.19	-	-	-	-	
	Hastings	9-9	149	14.7	10.2	12.5	+0.7	18.3	5.14	5.0	26,27,30	13.4	8.04	247	2.03	3	23	20	0	0	0	1	4	0	0	2	2.78	70	-	-	-	
	Letcombe Regis	9-9	350	13.9	6.7	10.3	-	19.4	3	0.0	29	-	5.71	-	.80	1	20	17	0	0	0	0	1	0	1	-	0	-	-	-	-	
	Abingdon	21-9	227	14.0	7.1	10.5	+0.1	19.5	3	-0.1	26	-	4.71	191	.68	21	21	16	0	0	0	0	2	3	1	6	3.01	-	-	-	-	
	Compton	9-9	339	13.9	6.4	10.1	-	18.3	3	-0.6	26	13.1	5.50	-	.92	2	19	14	0	0	0	0	-	2	8	0	2.53	-	-	-	-	
	Wallingford	9-9	157	14.3	6.7	10.5	-	19.4	3	-1.1	26,29	12.4	5.91	-	.80	1	20	14	0	0	0	1	-	2	7	0	2.71	-	-	-	-	
	Shinfield	9-9	200	14.5	7.3	10.9	+0.5	18.9	3	1.7	29	-	4.90	186	.93	13	21	11	-	0	-	-	4	0	8	-	1.92	-	-	-	-	
	Reading	9-9	148	14.6	8.1	11.3	+0.5	19.4	3	2.8	26,29	13.3	5.15	198	.95	13	20	15	0	0	0	1	4	0	7	0	2.34	-	-	-	-	
	Reading S.T.G.*	9-9	141	14.4	7.7	11.1	-	19.4	3	2.2	24,26	-	4.86	198	.84	13	20	13	-	0	-	-	2	0	6	-	2.20	-	-	-	-	
	Finchampstead	9-9	212	14.2	6.6	10.4	-	18.9	3	-0.6	29	12.3	4.56	-	.72	22	22	17	0	0	0	0	1	3	1	9	0	2.16	-	S	-	-
	Hurley	9-9	140	14.8	7.2	11.0	-	18.9	4	2.2	24,26,29	12.3	4.69	181	.67	13	20	12	0	0	0	0	1	3	0	2	2.26	-	-	-	-	
	Bracknell**	9-9	243	14.4	7.7	11.1	-	19.2	3	2.2	24	12.9	4.68	-	.70	22	18	16	0	0	0	0	2	4	0	4	2.29	-	-	-	-	
	Bournemouth	9-9	130	14.7	8.6	11.7	+0.5	18.3	3,4,8	2.2	26,29	12.8	8.50	246	2.05	22	20	19	0	0	0	1	0	4	1	0						

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

OCTOBER,

1966

DISTRICT, COUNTY AND PLACE		Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (feet)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)			WEATHER										BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
					MEANS OF		Mean Temperatures (Mean of A & B)	Difference from Average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (inches)	Per cent of Average	Amount (inches)	Precip'n (inches)	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Gale	Daily Mean (hr.)	Per cent of Average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
					A Max.	B Min.			Maximum	Date	Minimum	Date	Most in a Day	-0.1in (0.2mm) or more																	-0.1in (1.0mm) or more																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
7a ENGLAND, N.W.—cont.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

OCTOBER,

1966

DISTRICT, COUNTY AND PLACE		Terminal hr. GMT of Observation	Height of Station above MSL (feet)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 0 GMT)			WEATHER Number of Days										BRIGHT SUNSHINE					
				MEANS OF		Mean Temperature (Mean of A & B)	Difference from Average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (inches)	Per cent of Average	Amount (inches)	Precip'n (0-3mm) or more	Snow or Sleet	Snow lying at 0 hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 0 hr.	Air Frosty	Grass min. below 0°C	Gale	Daily Mean (hr.)	Per cent of Average	Exposure			
				A Max.	B Min.			Maximum	Date	Minimum	Date	Most in a Day	Date																			
8b ENGLAND, S.W. - cont. Devon	Hartland Point ...	21-9	298	13.8	9.9	11.9	-	18.6	3	5.6	24	-	-	3.48	85	.77	22	17	15	0	0	0	0	0	0	0	0	1	4.14	121	-	
	Mount Batten ...	21-9	87	14.8	8.8	11.8	-0.1	19.3	5	2.5	26	-	-	7.89	206	1.95	22	19	14	0	0	1	0	0	0	0	3	1	4.36	119	-	
	Plymouth, The Hoe ...	9 9	119	14.8	-	-	-	19.4	5	-	-	13.3	14.6	7.21	189	1.89	22	21	15	0	0	0	0	0	0	0	5	2	4.58	123	-	
	Tavistock ...	9 9	457	14.4	6.6	10.5	-0.4	19.4	4.5	0.6	26	-	-	7.06	-	1.27	22	23	17	0	0	1	0	0	0	10	0	-	-	-		
	Chivenor ...	21-9	20	15.3	8.1	11.7	-0.4	20.6	3	0.5	29	-	-	4.73	119	.77	20	19	15	0	0	0	0	1	1	0	0	4	0	3.58	-	-
	Ilfracombe ...	9 9	25	14.8	10.2	12.5	+0.2	20.0	3.15	5.0	24	13.1	14.6	5.13	117	1.10	19	18	16	0	0	0	0	0	0	0	0	0	3.60	110	-	
	Princetown ...	9 9	1359	-	-	-	-	-	-	-	-	-	-	8.60	95	1.25	22	22	20	-	-	-	-	-	-	-	-	-	-	-	-	
	Totnes ...	9 9	120	15.1	6.4	10.7	-	21.1	4	-1.7	30	13.0	14.1	7.29	160	1.83	22	22	17	0	0	0	0	1	0	3	6	0	3.80	-	-	
	Slapton ...	9 9	104	15.0	8.6	11.8	-	19.4	3	2.8	29	-	-	6.66	-	1.50	22	21	16	0	0	0	0	1	1	0	0	0	0	-	-	
	Newton Abbot ...	9 9	272	14.8	7.6	11.2	0.0	20.0	4	2.2	26	-	-	6.84	178	1.43	1	18	16	0	0	0	0	1	0	0	0	5	0	4.00	113	-
	Paignton ...	9 9	8	15.3	8.4	11.9	-	20.6	4	3.3	26, 29	-	-	6.71	183	1.93	22	18	17	0	0	0	0	0	0	0	0	0	0	4.34	120	-
	Torquay ...	9 9	26	15.2	8.5	11.9	0.0	19.6	4	3.3	26, 29, 30	-	15.0	6.32	190	1.88	22	20	13	0	0	0	0	0	0	0	0	0	1	4.25	111	-
	Teignmouth ...	9 9	20	14.9	9.0	11.9	-0.1	18.9	3.4	3.9	26	-	-	5.99	184	1.46	22	17	14	0	0	0	0	1	3	0	0	0	1	3.83	104	-
	Starcross ...	9 9	29	15.0	7.7	11.3	-	19.4	4.6	0.6	26, 30	12.4	-	6.30	189	1.23	22	18	15	0	0	0	0	0	1	2	0	5	1	4.16	-	-
	Exmouth ...	9 9	195	14.7	8.4	11.5	+0.4	18.9	4	2.2	26, 30	-	-	5.83	180	1.23	22	19	14	0	0	0	0	2	1	0	-	2	4.28	117	-	
Cornwall	Exeter ...	21-9	106	14.8	7.4	11.1	-	20.4	4	0.2	26, 30	-	-	6.24	193	1.14	22	19	14	0	0	0	0	0	0	0	0	0	0	3.80	97	-
	Scilly ...	21-9	158	14.8	10.5	12.7	0.0	18.4	3	7.3	27	-	-	7.25	203	1.47	14	22	19	0	0	0	0	0	0	0	0	0	0	3.80	97	-
	Penzance ...	9 9	62	15.3	9.1	12.2	-0.2	19.4	3	2.8	29	-	-	9.71	223	2.17	14	24	21	0	0	0	2	2	0	0	3	5	4.47	119	-	
	Gulval ...	9 9	50	14.9	9.4	12.1	0.0	17.8	4, 6, 7	5.0	31	-	-	9.54	229	2.19	14	25	19	-	-	-	-	-	-	-	-	0	3.87	107	-	
	Culdrose ...	9 9	268	14.4	8.2	11.3	-	18.9	3	2.2	29	-	-	8.13	218	1.92	14	23	19	0	0	0	0	2	0	0	4	1	4.28	-	-	
	Rosewarne ...	9 9	250	14.3	8.9	11.6	-	18.9	3	3.9	30, 31	12.3	13.8	10.67	267	2.37	14	23	22	0	0	4	0	2	0	0	2	2	3.93	-	-	
	Lizard ...	9 9	240	14.6	9.5	12.1	-0.2	19.6	4	4.1	29	-	-	6.94	201	1.29	14	24	20	0	0	0	0	0	0	0	0	3	4.62	-	-	
	Falmouth ...	9 9	167	14.6	8.3	11.5	-0.6	18.3	4, 5, 11	2.8	29	-	-	7.64	165	1.76	22	22	20	0	0	0	0	0	0	0	4	2	4.09	117	-	
	Newquay ...	9 9	176	14.6	8.9	11.7	-0.1	20.0	3	2.2	30	-	-	5.84	155	1.25	22	23	18	0	-	1	0	0	0	0	0	0	3.78	108	-	
	St. Mawgan ...	21-9	337	14.2	8.6	11.4	-	19.0	3	2.7	29	-	-	6.70	159	1.37	14	23	19	0	0	1	0	3	0	0	1	1	3.80	-	-	
	St. Austell ...	9 9	310	14.7	7.8	11.3	-	19.4	4	3.3	26, 27	-	-	8.30	165	1.70	14	22	18	0	0	0	0	0	0	0	0	0	-	-	-	
	Fowey ...	9 9	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Bude ...	9 9	50	14.8	8.1	11.5	-0.2	20.0	3.5	0.0	26, 29	11.1	-	4.34	115	1.02	22	20	15	-	0	-	-	-	-	-	2	-	3.96	111	-	
	Ellbridge ...	9 9	190	14.7	6.8	10.7	-0.4	18.9	4	0.0	26	-	-	7.34	171	1.69	22	19	18	0	0	0	0	1	1	0	4	2	4.15	114	-	-
	9 NORTHERN IRELAND																															
Londonderry	Loughmore Forest	9 9	570	11.3	4.1	7.7	-	16.1	14	-2.2	23	-	-	3.93	-	.70	12	26	19	0	0	1	0	0	0	3	10	0	-	-	-	
	Ballykelly ...	21-9	6	12.8	6.1	9.5	-0.7	17.1	14	-0.1	28	11.0	12.6	3.45	88	.58	12	24	19	0	0	3	0	0	0	0	1	8	0	3.43	123	-
	Derrynoyd Forest	9 9	290	12.4	5.1	8.7	-	16.1	6, 14	-0.5	5	-	-	6.18	-	1.40	12	22	16	0	0	0	0	0	0	0	1	12	0	-	-	
	Somerset Forest	9 9	140	12.5	5.8	9.1	-	17.2	14	0.0	28	-	-	3.71	-	.58	5	25	20	0	0	0	0	0	0	0	0	5	0	-	-	
	Garvagh Forest	9 9	290	12.1	5.2	8.7	-	16.7	14	-1.7	5	-	-	4.36	-	.70	3	23	20	0	0	0	0	0	0	0	1	8	0	-	-	
	Moneydig ...	21-9	112	12.6	5.2	8.9	-0.6	17.0	14	-1.0	28	11.4	-	4.43	99	.69	5	26	19	0	0	4	0	1	0	2	9	0	-	-	-	
	Portrush ...	9 9	30	-	-	-	-	-	-	-	-	-	-	3.87	100	.47	7	26	25	-	-	-	-	-	-	-	-	-	3.15	-	-	
	Ballymoney ...	9 9	180	12.6	5.9	9.3	-	16.7	14	0.0	28	-	-	4.56	-	.78	7	25	21	0	-	0	0	0	0	0	0	0	-	-	-	
	Lisnafillan ...	9 9	124	12.2	4.7	8.5	-	17.2	14	-2.2	23	-	-	4.04	-	.94	5	24	19	0	0	0	0	0	0	1	2	9	0	3.24	-	-
	Aldergrove ...	21-9	225	12.0	5.6	8.8	-0.9	16.0	14	-1.3	28	10.8	12.3	4.30	108	.92	5	19	15	0	0	0	0	0	0	0	2	6	0	3.19	122	-
	Greenmount ...	9 9	105	12.3	5.3	8.8	-	16.7	14	-2.8	28	10.9	-	3.91	-	.84	5	21	12	0	0	0	0	0	0	0	3	8	-	-	-	
	Altnahinch ...	9 9	742	10.4	5.2	7.8	-	15.0	14	0.0	28	-	-	7.29	-	1.25	3	26	23	0	0	0	0	0	0	1	0	11	1	2.68	-	-
	Parkmore Forest	9 9	770	10.5	4.8	7.7	-	14.4	14	-0.6	23, 28	9.9	-	6.65	-	1.01	3	28	23	0	0	0	0	0	0	1	2	7	0	-	-	
	Black Mountain	21-9	969	10.2	5.3	7.7	-	14.6	14	0.3	28	-	-	5.21	-	.98	5	25	17	0	-	0	0	0	0	0	0	1	-	-	-	
	Lowtown ...	9 9	890	10.4	4.9	7.7	-	15.6	14	0.0	28	9.7	-	7.07	-	2.07	3	26	20	0	0	0	0	0	0	1	0	6	0	3.18	-	-
Ballypatrick Forest	9 9	500	10.9	5.4	8.1	-	14.5	6	-0.5	28	-	-	8.33	-	1.01	3	26	21	0	0	0	0	0	0	1	1	4	0	3.04	-	-	
Newtownabbey ...	9 9	105	12.5	7.3	9.9	-	16.1	14																								

TABLE IV

—SUMMARY OF OBSERVATIONS AT FIXED HOURS

OCTOBER,

1966

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (ft.)		Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Okta)					VISIBILITY (Yards and Miles)										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	0-44 yds.	45-210 yds.	220-430 yds.	440-1,000 yds.	1,100-2,100 yds.	2,200-4,300 yds.	3-6 mi.	7-12 mi.	13-24 mi.	25 or over mi.	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	
																										8 or more	9	10	11	12									
																										13	14	15	16	17									
																										18	19	20	21	22									
Number of Observations																																							
0 SCOTLAND, N.																																							
Zetland	3	1006.2	-	7.9	0.5	10.0	92	6.3	1	3	2	11	13	1	0	1	0	0	0	1	1	4	12	5	7	0	2	15	14	0	5	2	3	5	4	2	6	4	
	15	1006.6	-2.5	8.3	0.6	10.1	91	6.5	0	0	6	16	7	2	0	0	0	0	0	0	4	5	10	8	0	2	15	13	1	6	1	3	5	5	4	5	2	3	
	21	1006.8	-	7.7	0.5	9.8	92	6.1	1	5	2	9	12	2	0	1	1	0	0	0	2	5	6	9	7	0	3	17	9	2	3	3	4	5	2	4	5	5	
Orkney	3	1006.2	-	8.2	0.6	10.1	91	5.8	1	5	4	9	11	1	0	0	0	0	0	0	0	8	5	14	3	0	3	12	16	0	3	2	2	7	4	2	2	8	8
	15	1006.8	-2.7	9.1	0.8	10.4	89	6.8	0	2	3	20	6	0	0	0	0	0	0	1	0	6	3	11	8	0	4	13	13	1	3	1	3	7	3	4	3	5	
	21	1007.2	-	9.8	1.2	10.2	83	6.3	0	2	5	18	6	0	0	0	0	0	0	1	0	6	3	11	10	0	2	21	8	0	4	2	4	5	4	3	5	5	
Caithness	3	1006.2	-	8.2	0.8	9.8	89	5.1	0	5	11	6	9	0	0	0	0	0	0	1	0	6	4	12	8	0	3	15	12	1	4	1	4	4	3	3	7	4	
	15	1006.2	-	7.7	0.6	9.8	91	5.2	3	3	8	10	5	2	0	1	0	1	0	1	2	5	13	8	0	2	10	19	0	3	1	0	8	3	5	9	2		
	21	1006.5	-3.2	9.9	1.4	10.1	82	6.0	0	6	1	17	7	0	0	0	0	0	0	0	2	4	5	9	11	0	1	18	12	0	5	2	3	8	2	2	7	2	
Sutherland	3	1007.2	-	8.1	0.9	9.6	87	5.6	2	4	4	11	9	1	0	0	0	0	0	0	5	5	12	8	0	2	17	12	0	4	1	4	4	4	4	7	3	3	
	15	1005.7	-	8.6	1.1	9.6	85	6.0	0	2	10	9	10	0	0	0	0	0	0	0	0	2	6	23	1	3	14	12	1	3	2	7	3	3	4	5	3		
	21	1006.1	-	8.9	1.3	9.6	83	6.5	0	0	6	16	9	0	0	0	0	0	0	0	0	2	7	22	0	3	14	12	2	3	3	5	4	2	5	4	3		
Ross & Cromarty	3	1006.0	-	9.5	1.3	9.8	82	6.9	0	0	3	17	11	0	0	0	0	0	0	0	2	2	10	17	1	5	13	12	0	3	3	8	4	0	8	2	3	0	
	15	1006.8	-	8.7	1.2	9.5	83	6.0	0	0	11	13	7	0	0	0	0	0	0	0	0	2	6	23	1	4	15	10	1	5	2	8	2	1	5	7	0		
	21	1006.8	-	7.6	0.4	10.0	94	5.3	1	7	4	13	6	0	0	0	0	0	0	0	4	11	11	5	0	0	9	20	2	3	1	6	3	1	5	6	4		
Stornoway	3	1007.3	-2.3	8.6	0.8	10.1	89	5.9	2	10	12	7	0	0	0	0	0	0	0	0	3	6	14	8	0	0	13	14	4	5	1	4	2	3	3	4	5	5	
	15	1007.3	-	10.2	1.4	10.3	82	6.0	2	6	21	2	0	0	0	0	0	0	0	0	1	9	11	10	0	2	15	13	1	9	3	2	5	2	3	4	2		
	21	1008.0	-	7.5	0.6	9.6	91	4.4	2	9	6	10	4	0	0	0	0	0	0	0	1	9	16	5	0	0	11	19	1	6	1	6	1	4	3	9	0		
Inverness	3	1006.4	-	8.2	0.9	9.7	88	4.9	1	8	6	8	8	0	0	0	0	0	0	0	2	2	15	11	0	1	13	14	3	4	3	4	5	2	2	4	4	4	
	15	1007.1	-2.6	9.3	1.2	10.0	84	5.2	0	5	9	17	0	0	0	0	0	0	0	0	1	6	12	12	0	1	17	12	1	6	3	3	2	6	1	3	6		
	21	1007.1	-	10.5	1.6	10.2	79	6.0	0	1	7	20	3	0	0	0	0	0	0	0	0	11	10	10	0	2	20	9	0	6	2	5	3	1	4	7	3		
1 SCOTLAND, E.	3	1007.8	-	8.5	1.0	9.7	86	5.5	0	5	7	13	6	0	0	0	0	0	0	0	1	5	16	9	0	4	13	12	2	6	4	4	3	4	2	3	3	3	
	15	1006.7	-	7.1	0.7	9.2	89	5.1	5	4	2	13	7	0	0	0	0	0	0	0	7	3	7	14	0	2	8	20	1	2	2	4	1	3	12	5	1		
	21	1007.2	-3.3	8.5	1.0	9.7	87	6.1	0	3	6	17	5	0	0	0	0	0	0	0	0	4	4	9	14	0	1	11	18	1	4	0	6	0	4	7	8	0	
Kinloss	3	1006.8	-	10.7	1.8	10.2	78	6.7	0	1	4	18	8	0	0	0	0	0	0	0	0	2	5	13	11	0	0	18	12	1	8	1	3	2	1	8	7	0	
	15	1006.8	-	8.2	0.9	9.6	87	6.0	1	5	1	12	12	0	0	0	0	0	0	0	1	4	7	9	10	0	1	17	10	3	3	1	4	2	2	9	5	2	
	21	1007.7	-	6.3	0.6	8.9	91	4.5	4	5	8	7	6	1	0	1	0	2	1	1	8	7	6	5	0	1	8	12	10	3	0	1	5	1	3	6	2		
Aberdeen	3	1007.0	-4.5	8.2	0.9	9.8	88	5.7	0	6	4	13	7	1	0	1	0	0	0	1	8	7	4	3	7	0	1	10	15	5	1	2	3	4	3	7	5		
	15	1006.7	-	10.5	1.7	10.0	78	6.4	0	1	5	18	7	0	0	0	0	0	0	3	4	2	9	2	11	0	0	16	13	2	4	0	2	5	5	3	5	5	
	21	1007.3	-	7.7	0.8	9.5	88	5.2	3	5	5	6	11	1	0	0	1	0	0	1	5	7	6	5	0	0	10	16	5	3	0	1	5	2	3	9	3		
Rattray Head *	3	1006.9	-	8.2	0.8	9.8	89	5.6	0	5	6	13	4	3	0	1	2	0	0	0	5	23	0	0	0	3	15	12	1	5	0	4	4	6	1	9	1		
	15	1007.3	-3.4	9.0	0.9	10.2	89	6.0	0	8	20	1	2	0	1	0	1	0	0	0	4	19	6	0	1	18	10	1	3	1	4	3	8	0	6	5			
	21	1007.2	-	10.5	1.4	10.5	82	5.5	0	13	14	2	2	0	0	2	0	0	0	0	3	15	11	0	4	15	12	0	3	0	3	5	6	1	12	1			
Angus	3	1007.5	-	8.8	1.0	9.9	87	5.7	0	4	7	14	5	1	0	0	0	0	0	0	4	26	0	0	0	3	13	14	1	4	1	5	2	6	4	6	2		
	15	1006.3	-	7.7	0.6	9.8	91	4.4	2	9	7	5	7	1	0	0	0	0	0	1	4	1	8	15	0	1	7	17	6	3	0	1	4	2	1	7	7		
	21	1006.7	-	8.8	0.8	10.3	89	6.2	0	2	6	12	10	1	0	0	0	0	0	0	1	7	5	2	15	0	0	13	15	3	5	0	3	1	3	7	6		
Fife	3	1006.5	-	10.9	1.4	10.8	82	6.3	0	2	4	16	9	0	0	0	0	0	0	1	3	4	1	6	0	1	11	16	3	6	0	2	6	3	3	6	2		
	15	1007.0	-	8.5	0.7	10.2	89	5.0	3	6	5	5	11	1	0	1	0	0	0	1	2	4	7	16	0	0	13	15	3	5	1	0	5	1	1	11	4		
	21	1006.4	-	6.8	0.6	9.3	91	4.9	3	7	5	7	8	1	0	0	1	1	3	2	6	5	7	6	0	0	7	15	9	2	0	3	3	0	8	5	1		
Leuchars	3	1006.8	-5.1	8.3	0.7	10.0	89	6.1	0	3	5	15	8	0	0	0	0	0	0	2	4	8	2	6	9	0	1	10	15	5	3	0	5	1	1	9	7	0	
	15	1006.3	-	11.1	1.8	10.4	78	6.4	0	1	6	19	5	0	0	0	0	0	0	2	3	8	9	8	0	0	15	14	2	2	7	4	0	3	9	2			
	21	1007.3	-	7.7	0.8	9.6	89	5.5	2	5	5	9	8	2	0	1	1	1	1	1	7	4	12																

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS OCTOBER, 1966

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (ft.)		Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Yards and Miles)										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	0-44 yds.	45-210 yds.	220-430 yds.	440-1,090 yds.	1,100-2,190 yds.	2,200-4,390 yds.	3-6 mi.	7-12 mi.	13-24 mi.	25 or over mi.	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								
																										21/23	11-21	1-10	0									
Number of Observations																																						
2 ENGLAND, N.E.																																						
Northumberland Acklington 151 ft.	3	1006.8	-	7.8	0.5	9.9	92	5.4	4	4	4	8	8	3	0	2	0	1	3	3	2	9	7	4	0	0	10	19	2	4	2	0	6	4	3	7	3	
	9	1007.1	-5.7	9.4	0.8	10.6	89	6.6	4	4	4	8	8	3	0	0	0	2	2	3	9	6	3	6	0	1	8	21	1	3	1	1	3	6	4	4	8	
	15	1006.8	-	11.0	1.6	10.6	80	6.4	0	1	6	14	10	0	0	0	0	0	1	5	5	5	3	0	0	11	20	0	6	4	0	7	3	3	4	1		
	21	1008.0	-	8.0	0.6	9.9	91	4.7	3	7	6	5	9	1	0	1	0	1	2	3	7	9	5	3	0	0	7	19	5	1	3	0	5	1	6	8	2	
	3	1007.8	-5.4	9.5	0.8	10.6	88	6.3	0	2	8	8	12	1	0	0	0	0	2	3	9	12	3	2	0	0	3	13	14	1	5	0	1	6	6	1	7	
Tynemouth 130 ft.	9	1007.3	-	11.4	1.6	10.9	81	6.6	0	0	7	12	10	0	0	0	0	0	3	6	8	7	0	0	0	3	16	11	1	6	3	0	7	6	1	0		
	15	1008.3	-	9.8	1.1	10.6	86	5.4	6	1	5	4	13	2	1	0	0	0	6	14	6	3	0	0	0	4	10	16	1	2	3	2	5	3	5	8		
	21	1008.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	3	1007.2	-	9.7	1.2	10.3	85	5.9	0	5	7	4	15	0	0	0	0	2	3	8	6	7	3	1	0	7	16	5	5	0	0	11	1	7	2	2		
	9	1006.9	-	11.3	1.8	10.5	79	6.1	0	2	5	17	7	0	0	0	0	1	2	3	8	3	9	5	0	1	7	21	2	7	2	0	3	8	0	6		
Yorks, N. Riding Leeming 109 ft.	15	1007.9	-	9.0	1.3	9.7	82	4.3	4	8	7	1	11	0	0	0	0	2	1	8	10	9	1	0	0	1	6	21	3	3	1	1	0	10	2	8		
	21	1007.1	-	8.2	0.6	10.1	92	6.1	2	3	3	9	13	1	0	1	1	3	4	2	8	7	5	0	0	5	16	10	5	0	0	4	8	3	0	1		
	3	1007.6	-	9.2	0.9	10.5	89	6.2	1	2	6	13	9	0	0	0	1	2	7	5	6	7	2	0	0	5	19	7	4	1	1	3	10	4	0			
	9	1006.9	-	12.2	2.0	11.0	77	6.0	0	3	8	11	9	0	0	0	0	1	4	8	9	3	5	0	0	12	15	4	7	0	0	3	8	4	3			
	15	1008.2	-	8.7	0.8	10.2	89	4.9	3	6	7	5	9	1	0	1	1	0	3	2	8	6	9	1	0	0	4	18	9	5	1	0	2	9	2	1		
Whitby Coastguard 218 ft.	21	1008.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	3	1007.6	-	9.9	0.8	11.1	90	6.3	0	2	5	16	7	1	0	1	0	0	2	2	9	14	3	0	0	2	16	12	1	4	0	3	4	9	7	1		
	9	1007.2	-	11.5	1.2	11.7	86	6.6	0	1	5	12	12	1	0	0	2	0	3	9	11	5	0	0	0	21	9	1	4	3	3	5	7	2	5			
	15	1008.3	-	9.7	0.7	11.0	90	4.9	5	4	7	4	11	0	0	1	0	2	0	0	13	14	1	0	0	3	10	17	1	5	3	0	6	10	5	0		
	21	1007.3	-	8.3	0.5	10.4	93	5.7	4	3	3	7	9	5	0	3	2	3	3	4	5	7	2	2	0	0	7	16	8	3	1	2	4	3	2	4		
Yorks., E. Riding Leconfield 28 ft.	3	1008.0	-6.0	9.8	0.8	11.0	89	6.4	0	4	2	15	9	1	0	0	0	1	6	3	14	3	2	2	0	0	9	18	4	4	1	2	4	5	6	3		
	9	1007.4	-	12.4	1.8	11.5	79	6.1	0	2	8	9	12	0	0	0	0	1	6	8	10	2	4	0	0	15	14	2	5	2	1	5	9	2	5			
	15	1008.4	-	9.0	0.6	10.7	92	5.0	5	4	6	4	11	1	0	1	2	2	4	11	7	2	1	0	0	7	16	8	3	1	1	5	4	3	2			
	21	1007.6	-	10.1	0.6	11.5	91	6.1	3	1	6	3	15	3	0	3	1	0	0	1	6	20	0	0	0	8	8	11	4	3	2	3	2	6	3			
	3	1007.9	-6.3	10.7	0.8	11.7	90	6.9	0	0	7	8	13	4	1	0	3	0	1	3	11	12	0	0	1	8	12	7	3	2	4	2	7	3	7			
Kilnsea 51 ft.	9	1007.7	-	12.5	1.4	12.3	83	6.7	0	0	7	8	15	1	0	0	1	0	2	7	20	0	0	0	0	9	12	9	1	3	3	2	4	5	8			
	15	1008.7	-	11.1	0.9	11.8	88	5.2	4	1	11	3	12	0	0	0	0	0	3	2	5	20	1	0	0	7	11	9	4	2	5	1	2	7	2	5		
	21	1007.2	-	8.2	0.2	10.7	96	5.2	4	6	4	2	13	2	0	2	2	3	4	9	3	6	2	0	0	0	6	24	1	4	1	4	4	4	7	3		
	3	1008.0	-6.9	9.1	0.6	10.9	93	6.1	1	3	4	11	10	2	0	3	0	2	4	6	8	2	6	0	0	0	11	18	2	5	0	3	2	8	5	4		
	9	1007.4	-	12.2	1.5	11.8	82	6.4	0	3	4	15	9	0	0	0	0	0	1	14	4	10	1	0	0	13	18	0	6	0	3	5	4	7	3			
Binbrook 356 ft.	15	1008.4	-	9.2	0.5	11.1	93	5.5	1	4	4	11	8	3	0	0	3	0	3	4	12	7	2	0	0	0	7	24	0	5	1	2	5	6	5	3		
	21	1007.2	-	8.7	0.5	10.6	93	5.8	6	1	1	6	12	5	1	3	2	1	0	9	8	4	2	1	0	0	9	18	4	4	1	1	6	5	4	3		
	3	1007.9	-	9.5	0.6	11.0	91	6.5	0	3	2	16	6	4	0	3	1	0	1	4	12	9	1	0	0	0	11	17	3	4	1	2	3	5	9	2		
	9	1007.3	-	12.0	1.6	11.5	81	6.5	0	2	4	17	8	0	0	0	0	0	1	2	10	11	4	3	0	0	16	14	1	7	0	1	5	7	5			
	15	1008.4	-	9.3	0.6	10.9	91	6.0	1	4	2	14	8	2	0	1	0	2	0	4	14	7	3	0	0	0	6	21	4	6	1	3	3	8	4	1		
Manby 47 ft.	21	1007.0	-	9.1	0.3	11.3	95	5.5	6	2	2	6	14	1	0	3	0	0	4	7	7	6	2	2	0	0	6	21	4	2	2	0	6	4	2	6		
	3	1007.7	-6.8	10.4	0.6	11.9	93	6.5	0	2	4	14	9	2	0	0	0	4	1	6	10	6	3	1	0	0	11	18	2	3	1	2	5	7	2	6		
	9	1007.2	-	13.0	1.5	12.5	83	6.6	0	1	4	16	10	0	0	0	0	1	1	11	9	9	0	0	0	14	17	0	6	1	3	3	9	4	1			
	15	1008.4	-	9.8	0.4	11.7	95	5.2	2	7	4	7	10	1	0	1	1	0	1	3	17	6	2	0	0	0	5	24	2	1	2	1	6	8	2	3		
	21	1008.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
3 ENGLAND, E.																																						
Norfolk Marham 79 ft.	3	1007.5	-	9.4	0.4	11.4	95	5.3	4	5	4	4	12	2	0	3	0	0	6	3	11	5	3	0	0	0	7	22	2	3	1	3	3	9	2	3		
	9	1008.4	-6.9	10.5	0.6	12.0	93	6.3	0	2	7	8	10	4	1	2	1	0	4	6	9	5	3	0	0	1	8	21	1	3	2	2	4	8	6	2		
	15	1007.8	-	13.3	1.7	12.4	80	6.2	0	2	5	15	9	0	0	0	0	0	2	8	10	9	2	0	0	1	12	17	1	7	0	2	3	10	3			
	21	1008.5	-	10.1	0.6	11.6	93	5.1	4	4	6	7	10	0	0	1	0	1	1	3	16	4	5	0	0	0	5	22	4	5	1	4	6	4				

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS OCTOBER, 1966

[illegible]

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS. OCTOBER, 1966

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (ft.)	Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Yards and Miles)										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	0-44 yds.	45-210 yds.	210-430 yds.	440-1,000 yds.	1,000-2,000 yds.	2,000-4,300 yds.	3-8 ml.	7-12 ml.	13-24 ml.	25 or over ml.	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.						
																									SPEED IN KNOTS																		
																									8 or more	9-11	12-13	14-16	17-19														
																									20 or more	21-24	25-29	30-34	35-39														
Number of Observations																																											
7a ENGLAND, N.W. Cumberland Carlisle 92 ft.	3	1007.0	-	7.5	0.6	9.7	92	6.0	0	3	6	11	9	2	0	2	0	2	1	5	9	6	6	0	0	0	6	14	11	3	4	5	5	1	2	0	0	0	0	0	0	0	
	9	1007.6	-	8.4	0.7	10.1	90	6.1	0	3	6	12	9	1	0	2	0	2	1	5	8	9	6	0	0	0	6	15	10	3	4	5	5	1	2	0	0	0	0	0	0		
	15	1007.1	-	11.4	1.9	10.5	77	6.2	0	1	9	13	8	0	0	0	0	0	0	1	9	11	8	2	0	0	11	16	4	2	2	4	4	3	0	4	10	1	0	0	0		
	21	1008.2	-	7.9	0.7	9.8	91	4.6	3	8	3	12	5	0	0	0	1	0	0	4	11	13	2	0	0	0	1	19	11	1	4	5	3	1	3	3	0	0	0	0			
	3	-	-	3.8	0.0	8.1	99	7.4	2	0	1	0	1	27	13	15	0	0	0	0	0	1	2	0	0	0	8	17	3	3	2	6	2	4	5	7	2	0	0	0	0		
Westmorland Great Dun Fell —	9	-	-	4.0	0.1	8.1	98	6.8	3	0	3	2	0	23	7	17	0	1	0	0	0	2	2	2	2	2	5	16	6	2	3	5	3	2	6	7	3	0	0	0	0		
	15	-	-	4.9	0.3	8.3	95	6.7	0	1	7	6	3	14	2	12	0	0	0	0	2	4	8	3	1	8	11	9	2	3	4	0	5	2	8	6	1	0	0	0			
	21	-	-	3.8	0.1	8.0	98	7.3	2	0	1	3	0	25	10	16	0	0	0	0	0	1	4	0	1	7	14	7	2	0	7	1	6	3	7	3	2	0	0	0			
	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Lancashire Squires Gate 35 ft.	3	1006.9	-7.2	9.8	0.6	11.4	93	6.5	0	2	4	13	10	2	0	2	1	2	1	5	7	8	5	0	0	0	17	14	0	5	3	6	8	3	0	6	0	0	0	0	0	0	
	9	1006.7	-	12.1	1.2	12.1	86	6.1	0	2	6	16	7	0	0	0	0	0	0	2	12	9	7	1	0	0	16	16	0	3	2	1	6	2	3	9	5	0	0	0	0		
	15	1007.5	-	9.1	0.5	10.9	93	5.3	1	6	5	13	6	0	0	0	0	2	2	9	11	3	4	0	0	0	10	18	3	3	1	4	8	1	1	4	3	0	0	0	0		
	21	1006.8	-	9.1	0.8	10.5	90	5.3	2	5	6	12	6	0	0	1	0	0	0	6	10	11	3	0	0	1	6	21	3	6	1	4	8	4	2	2	1	0	0	0	0		
	3	1007.4	-	9.6	0.9	10.7	88	6.3	0	3	4	11	11	2	1	1	1	0	2	8	8	9	1	0	0	0	6	20	5	4	2	2	6	5	2	4	1	0	0	0	0		
Speke 85 ft.	9	1007.2	-	12.3	2.0	11.1	77	6.1	0	3	7	12	9	0	0	0	0	0	1	3	13	9	4	1	0	1	8	19	3	5	2	1	5	3	1	10	1	0	0	0	0		
	15	1007.9	-	9.6	0.9	10.7	88	5.4	0	7	6	14	4	0	0	0	0	0	3	10	9	8	1	0	0	0	6	22	3	6	3	4	5	6	1	1	2	0	0	0			
	21	1006.8	-	8.4	0.6	10.3	92	5.3	3	5	2	11	10	0	0	1	1	4	5	12	7	0	0	0	0	0	7	17	7	0	5	2	5	8	1	2	1	0	0	0			
	3	1007.4	-7.0	9.1	0.8	10.5	89	6.2	0	4	5	10	2	0	3	0	1	2	8	10	7	0	0	0	0	0	7	21	3	0	1	4	6	10	5	0	2	0	0	0			
	9	1007.0	-	12.0	2.2	10.5	74	6.8	0	0	9	12	10	0	0	0	0	0	0	6	11	11	3	0	0	0	9	18	4	2	5	1	5	2	3	6	3	0	0	0			
21	1008.0	-	9.2	0.8	10.6	89	6.3	0	1	6	16	8	0	0	0	0	0	0	11	8	8	3	1	0	0	0	7	14	10	1	4	1	8	5	1	0	1	0	0	0			
7b NORTH WALES Anglesey Valley 37 ft.	3	1005.8	-	10.2	1.0	10.9	87	5.1	1	7	6	10	7	0	0	0	0	0	0	2	10	17	2	0	0	2	15	9	5	4	3	4	2	4	1	6	2	0	0	0	0		
	9	1006.4	-7.6	10.8	1.1	11.1	85	6.4	0	1	6	16	8	0	0	0	0	0	0	2	1	7	11	10	1	3	11	14	2	5	4	4	5	3	1	6	1	0	0	0			
	15	1006.6	-	12.8	2.1	11.2	75	5.8	0	3	9	13	6	0	0	0	0	0	0	0	6	14	11	0	1	18	11	1	6	3	1	2	4	4	5	5	2	0	0	0			
	21	1007.1	-	10.3	1.1	10.9	86	5.7	0	4	7	10	10	0	0	0	0	0	0	6	8	13	4	0	1	13	14	3	1	7	6	3	2	2	5	2	0	0	0	0			
	3	1006.1	-	11.7	1.1	12.0	86	5.0	1	6	11	4	9	0	0	0	0	0	0	0	0	10	18	3	0	10	14	6	1	9	5	1	0	9	3	1	2	0	0	0			
Caernarvon Bardsey Island 63 ft.	9	1006.7	-	11.6	1.1	11.9	87	6.8	0	1	5	16	9	0	0	0	0	0	0	1	6	16	8	3	5	12	8	3	8	2	1	3	6	2	2	4	0	0	0	0	0		
	15	1006.7	-	12.8	1.7	11.9	80	6.3	0	1	8	11	11	0	0	0	0	0	0	0	2	18	11	2	7	14	7	1	8	3	3	0	7	2	2	5	0	0	0	0			
	21	1007.3	-	11.8	1.3	11.8	84	5.6	3	3	5	7	13	0	0	0	0	0	0	0	7	20	4	1	8	13	8	1	11	4	3	0	6	3	1	2	0	0	0	0			
	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
8a SOUTH WALES Cardigan Aberporth 439 ft.	3	1005.8	-	9.8	0.9	10.8	88	5.1	1	9	5	5	11	0	0	0	0	0	0	9	9	7	6	0	1	15	12	3	2	4	2	6	8	2	2	2	0	0	0	0			
	9	1006.6	-8.1	10.4	1.1	11.0	86	5.9	0	4	3	22	2	0	0	0	0	0	0	2	3	10	8	8	0	2	13	13	3	3	3	0	4	10	2	2	4	0	0	0			
	15	1006.5	-	12.0	1.8	11.2	79	6.4	0	2	5	17	7	0	0	0	0	0	0	2	5	10	9	0	0	2	16	12	1	4	5	0	4	5	2	6	4	0	0	0			
	21	1007.1	-	10.3	1.3	10.6	83	4.7	1	8	8	5	9	0	0	0	0	0	0	0	4	11	10	6	0	1	15	14	1	4	6	2	4	9	1	2	2	0	0	0			
	3	1005.8	-	10.8	0.9	11.7	88	5.0	3	2	11	6	9	0	0	0	0	0	1	0	6	15	9	0	0	2	15	9	5	5	4	2	5	4	2	3	1	0	0	0			
Pembroke Milford Haven C.B. 128 ft.	9	1006.7	-	11.3	1.0	11.9	87	6.1	0	3	6	16	6	0	0	0	0	0	1	13	8	9	0	0	2	9	16	4	4	2	7	1	3	1	4	5	0	0	0				
	15	1006.7	-	13.2	1.9	12.1	78	6.2	0	0	10	13	8	0	0	0	0	0	0	7	10	14	0	0	5	12	14	0	5	3	1	4	5	4	4	5	0	0	0				
	21	1007.0	-	11.2	1.3	11.5	85	4.4	4	8	6	9	0	0	0	0	0	0	0	9	10	12	0	1	2	14	13	1	8	0	4	5	3	2	5	0	0	0					
	3	1006.1	-	10.8	1.1	11.3	85	5.0	5	5	5	2	14	0	0	0	0</																										

TABLE XIII—SOLAR RADIATION AND ILLUMINATION, OCTOBER, 1966TABLE II—ADDITIONS AND CORRECTIONS* Incomplete record

TABLE IV—ADDITIONS AND CORRECTIONS

May 1965	M.W.R. Text.	Under Precipitation:	Snow or sleet ... in Scotland on 8 days (not 23 days)
December 1965	M.W.R. Text.	Under Temperature:	The extreme for Scotland should be: 12, 90C at Machrihanish on the 17th (not point of Ayre) Delete Faversham from Extremes (England and Wales)
July 1966	M.W.R. Text.	Under Sunshine:	Delete Scotland and Insert England

TABLE XIII.—SOLAR RADIATION AND ILLUMINATION. — ADDITIONS AND CORRECTIONS.

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Monthly Weather Report OF THE METEOROLOGICAL OFFICE

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

Met. O. 775



Volume 83 Number 11

Published by HER MAJESTY'S STATIONERY OFFICE

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November 1966 — *Cold; frequent northerly winds*

Weather was mainly cyclonic in character except on the 2nd-3rd when a ridge of high pressure extended from the Atlantic across the British Isles to Scandinavia, on the 9th-10th when an anticyclone was centred in our South-West Approaches, and over the north of the country on the 20th and 21st.

Fresh to strong north-easterly winds, associated with a large anticyclone centred off north-west Scotland and a ridge extending over the Norwegian Sea, brought wintry showers to most districts on the 1st, but the 2nd and 3rd were sunny with moderating wind and well scattered showers as the ridge moved slowly southwards over northern districts. Overnight fog covering much of England south-east of a line from Durham to Dorset on the morning of the 4th, gave place to periods of unusually heavy rain as a complex depression off western Ireland deepened and moved southwards; falls exceeding 2 inches were reported from the west country, and there was widespread flooding. Troughs and centres associated with the depression remained over southern England maintaining generally dull wet weather until the 7th, but sunny spells and southerly winds from low latitudes brought afternoon temperatures in some parts of south-east England up to 16°C on the 7th, though much of the north-east remained dull with fog and drizzle.

The 8th was also foggy for much of the day in the Midlands, but on the 9th an anticyclone from the Atlantic approached our south-west coasts bringing freshening north-westerly winds, a return to below-normal temperatures and sunny periods with well scattered showers, which were of snow in the north. These conditions continued on the 10th as the anticyclone approached the Bay of Biscay.

The 11th-13th was generally dull and wet as fronts associated with disturbances near Iceland moved eastwards across northern districts. Southern England, however, remained dry on the 11th, as the anticyclone moved into northern France, and southerly winds on the western flank of this anticyclone brought temperatures above average again during this period, especially at night.

A sunny day with scattered showers in a north-westerly airstream on the 14th was followed by stormy weather with gales in most areas on the 15th and 16th as a depression near Iceland moved south-east into the North Sea. Gusts of 68 knots were recorded in many western districts on the 16th. As the depression moved away over the continent winds began to subside but gales continued along the east coast on the 17th.

On the 18th pressure rose over Scandinavia, and from then until the 23rd north-easterly winds maintained below average temperatures with scattered showers and sunny periods in most districts, except in east and south east England where there were periods of more continuous rain due to minor disturbances over western Germany or the southern North Sea.

With clearing skies after rain earlier on the 23rd, freezing fog formed over much of the Midlands and south-east England during the night of the 23rd/24th and persisted throughout the day in parts of south-east England, though it cleared during the morning in most other districts.

A belt of frontal rain moved south-east across the country on the 25th, and temperatures rose above normal on the 26th as westerly winds, associated with a deep depression in the Norwegian Sea, brought rain to most districts. The mild wet weather continued on the 27th, but winds veered towards north-west on the 28th bringing a sharp fall of temperature and snow showers as far south as Somerset. A deepening depression to the north of Scotland brought widespread rain, heavy at times, on the night of the 29th/30th as it moved into the northern North Sea, and the month ended stormy with north-westerly gales in the north and west and wintry showers in nearly all areas.

Pressure and Wind — Mean pressure was above the average nearly everywhere except in the extreme east. The difference from average at 9hr ranged from +5.7mb at Benbecula to -0.6mb at Gorleston. Surface winds were predominantly north-easterly during the first week except for the 3rd-4th and 6th-7th when winds especially in the south were rather variable or southerly. During the remainder of the month they were mainly north-westerly, apart from south-westerlies on the 11th-13th

and north-easterlies on the 18th-22nd. Gales were reported on 11 days in Scotland and on 14 days in England and Wales, and were widespread on the 15th and 16th.

Temperature — Mean temperatures were mainly below the 1931-60 average although there were some milder spells; one of these on the 7th-8th was mainly confined to south-east England, but others, on the 11th-15th, and 26th-28th, were more general.

Extremes included: (England and Wales) 17.8°C at Eastwick Lodge on the 7th, -7.2°C at Kielder Castle and Corbridge on the 11th; (Scotland) 12.8°C at Faskally on the 7th and at Dunbar on the 12th, -11.7°C at Balmoral on the 11th; (Northern Ireland) 12.2°C at several stations on the 11th-13th, 25th and 26th, -7.8°C at Knockmany Forest on the 23rd.

Rainfall — In England and Wales rainfall was mainly below the 1916-50 average except in the eastern half of the West Riding of Yorkshire, of Lincolnshire and of Kent, and over Norfolk, Suffolk, North Wales and in a belt extending northwards from the Somerset-Wiltshire border to Cheshire. It ranged from 50 per cent of the average locally in Oxfordshire to 150 per cent of the average in the extreme east of Kent. In Scotland rainfall was mainly below the average south of a line from Dyce to Fort William, and in western coastal districts south of Fort William. It was more than twice the average in parts of Inverness-shire.

Thunder was heard on 7 days in Scotland and on 11 days in England and Wales; thunderstorms were fairly widespread on the 15th.

Sleet or snow was reported on 18 days, ground being snow-covered in parts of the Midlands and north-east England on the 29th when it lay to a depth of 1 inch in places. In Scotland snow was widespread during the last four days of the month.

Sunshine — Sunshine was below the 1931-60 average over much of central and northern Scotland with deficits of more than 15 hours around the inner Moray Firth. Elsewhere in Scotland sunshine was above the average with excesses of around 25 hours locally in the west and south. In England and Wales sunshine was generally greater in the west than in the east, though some north-facing coasts in the west had large deficits. Percentages ranged from 153 at Cannington to 59 at Colwyn Bay.

Fog — Fog at 9hr was observed at one place or another on 6 days in Scotland, and on 19 days, mainly during the first two and fourth weeks, in England and Wales. Fog persisted throughout the 7th and 8th over much of the Midlands and south-east England and there was widespread freezing fog in the south-east on the 24th.

Miscellaneous Phenomena — The aurora was visible in Scotland on 10 nights.

TABLE I—DISTRICT VALUES, NOVEMBER, 1966

DISTRICTS	AIR TEMPERATURE					EARTH TEMP.		RAIN DAYS	RAIN-FALL	SUN-SHINE
	*Highest Max.	*Lowest Min.	Max.	Min.	Mean	Mean 1 ft.	Mean 4 ft.			
Difference from Average								% of Average		
0 SCOTLAND, N.	10.5	-3.4	-1.8	-1.9	-1.9	-	-	+2	119	93
1 SCOTLAND, E.	11.7	-3.9	-1.7	-1.2	-1.4	-	-	+3	98	88
2 ENGLAND, N.E.	12.2	-3.9	-1.0	-1.3	-1.1	+0.2	+0.1	+3	87	100
3 ENGLAND, E.	16.7	-2.8	-1.5	-1.0	-1.3	+0.2	0.0	+7	110	89
4 MIDLANDS	14.4	-2.8	-1.5	-1.2	-1.4	-0.3	-0.1			
5 ENGLAND, S.E.	16.1	-6.0	-1.4	-1.0	-1.2	-0.4	-0.3	+1	69	92
6 SCOTLAND, W.	11.7	-7.6	-1.3	-1.6	-1.4	-0.6	-0.1	-1	87	136
7 ENGLAND, N.W. and N. Wales	12.6	-3.9	-1.2	-0.6	-0.9	-0.1	+0.2	+2	87	94
8 ENGLAND, S.W. and S. Wales	13.3	-2.8	-1.7	-1.9	-1.7	-0.7	-0.5	-3	69	105
N. IRELAND	11.6	-5.6	-1.5	-2.0	-1.7	-	-	0	101	113
SCOTLAND	11.7	-7.6	-1.6	-1.6	-1.6	-	-	+1	108	106
ENG. and WALES	16.7	-6.0	-1.4	-1.2	-1.3	-	-	+1	87	95

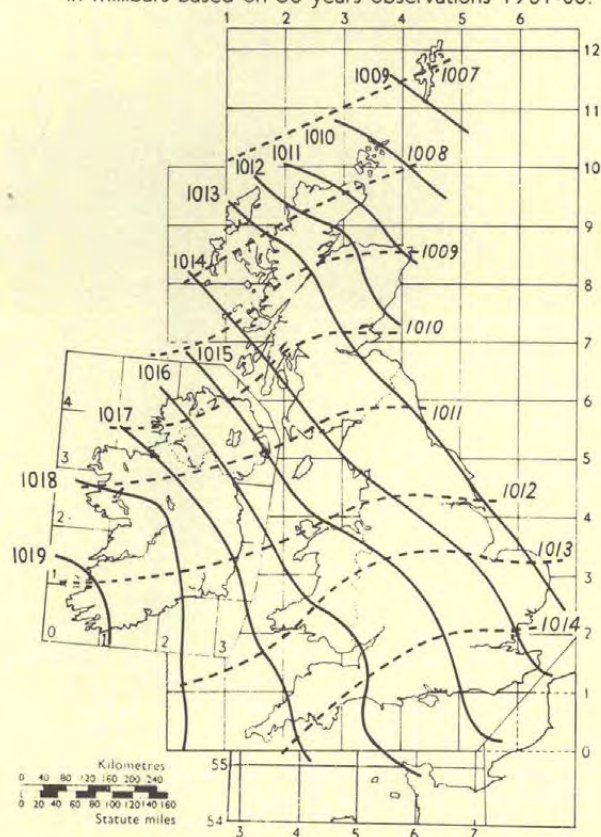
*Highest Max. and Lowest Min. of the District Value Stations.

TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— NOVEMBER, 1966

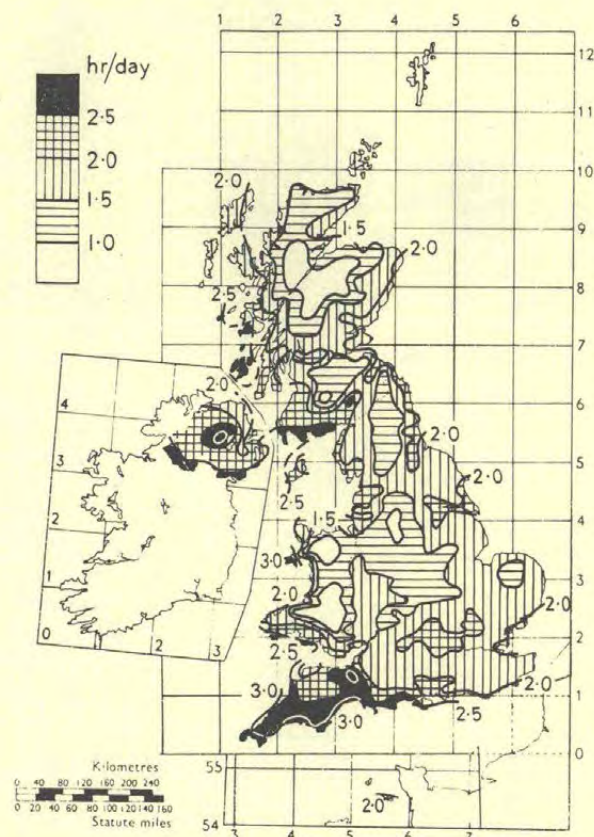
DISTRICT COUNTY AND PLACE		HEIGHT OF VANE IN FEET			DISTRIBUTION OF MEAN HOURLY VALUES OF WIND SPEED										Mean Hourly Wind Speed in knots	HIGHEST VELOCITIES						
		Above Mean Sea Level	Above ground	Effective Height	34 Knots or more (Gale force)		22 to 33 knots		11 to 21 knots	4 to 10 knots	Less 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	Zetland	Lerwick	304	33	33	1,27,28,30	20	17	158	317	168	57	0	15.5	060	45	30	11	050	68	30	1015
	Orkney	Kirkwall	134	50	33	1,16,27,30	27	13	138	330	184	41	0	15.4	330	41	16	14	330	62	16	1625
	Caithness	Dounreay	110	39	30	16,17,30	30	12	103	359	183	45	0	15.2	320	49	30	06	320	70	30	0530
	Sutherland	Shin	78	33	33																	
	Ross &	Stornoway (C'Guard)	120	40	36	11,15,16,30	24	15	135	327	179	55	0	15.1	310	40	16	03	310	63	16	0150
	Cromarty	Duirinish	125	65	55	15,16,30	25	10	90	253	272	80	0	12.2	330	44	16	04	330	70	16	0155
	Inverness	Benbecula	52	33	33	15,16,27-30	59	17	148	340	136	37	0	17.8	300	49	15	19	310	71	15	1920
		Fort Augustus	189	53	53	-	0	0	0	154	319	247	0	6.2	040	19	1	13	250	39	30	1140
		(N.S.H.E.B)																				
1	Moray	Kinloss	57	41	41	1,16,30	17	14	127	287	250	39	0	14.1	290	39	30	14	290	58	30	1300
		Lossiemouth	101	80	60	1,16,30	19	12	107	272	263	59	0	13.4	310	42	30	15	300	68	30	1235
	Aberdeen	Dyce	234	30	30	16,30	9	7	57	314	265	75	0	11.8	320	36	16	15	300	66	30	1230
	Angus	Bell Rock	128	131	124	1,2,5,6,15-17,21,27,29,30	83	27	286	286	61	4	0	22.3	300	46	30	16	310	68	30	1555
	Perth	Rannoch	1006	56	57	15,30	2	10	93	298	129	164	34	11.8	310	38	30	13	310	66	30	1220
		Tummel Bridge	528	53	53	-	0	0	0	97	253	364	6	4.7	290	20	30	18	290	45	30	1210
	Fife	Leuchars	78	40	40	-	0	7	61	338	277	44	0	12.3	290	33	30	16	280	53	30	1345
	Midlothian	Turnhouse	137	40	33	-	0	6	37	280	264	139	0	9.9	270	32	30	19	270	53	30	1900
		Edinburgh, Blackford Hill	496	50	34	29,30	3	11	83	395	147	92	0	13.1	180	37	29	17	180	61	29	1620
6a	Argyll	Tiree	89	60	47	1,15-17,28-30	70	19	227	291	96	36	0	19.5	310	48	15	24	250	78	15	1450
	Bute	Millport	50	34	34	-																
	Dunbarton	Cumbernauld	543	33	33	30	4	7	41	269	261	95	50	10.5	260	36	30	17	250	57	15	2035
	Renfrew	Paisley	188	81	31	-	0	3	22	174	306	218	0	7.5	350	32	16	02	330	59	30	1250
		Abbotsinch	52	33	33	16,30	7	6	47	254	256	156	0	10.0	290	41	30	14	290	64	30	1450
	Lanark	Lowther Hill	2415	43	33	1,5,6,15,16,29,30	58	19	198	296	122	46	0	18.4	320	58	15	23	320	85	15	2155
	Ayr	Hunterston	41	30	30	15,16,30	9	12	94	311	169	137	0	12.3	270	38	15	21	250	61	15	1845
		Prestwick	68	33	33	15,16,30	13	9	70	274	246	117	0	11.5	290	38	30	13	300	63	15	2145
	Dumfries	Chapelcross	310	50	50	-	0	3	19	382	245	74	0	10.5	280	29	16	03	270	55	15	2220
		Eskdalemuir	825	50	35	30	7	8	52	258	222	181	0	9.8	290	42	30	18	290	65	30	1735
	Wigtown	West Freugh	81	33	33	15,16,30	10	9	87	309	225	89	0	12.4	320	41	15	24	330	72	16	0050
6b	Isle of Man	Ronaldsway	82	33	33	4,5,15,16,29,30	28	12	121	325	203	43	0	14.8	280	37	15	24	300	62	16	0455
		Point of Ayre	64	33	33	15,16,30	30	15	169	385	114	22	0	17.5	320	44	16	04	300	65	16	0045
2	Durham	Durham	389	53	33	-	0	4	44	255	236	161	24	9.8	330	32	30	18	320	66	30	1550
		South Shields	73	57	44	-	0	8	94	271	298	57	0	12.0	010	30	17	22	240	48	30	1620
	Lincoln	Cranwell	288	47	47	-	0	5	34	315	301	44	26	11.1	220	30	29	24	280	46	30	1620
		Manby	85	33	33	-	0	5	42	337	288	53	0	10.9	320	30	16	23	320	42	16	2020
3	Norfolk	Gorleston	54	43	43	-	0	12	111	343	234	32	0	13.6	010	32	17	09	360	46	17	0430
	Suffolk	Mildenhall	98	83	60	-	0	4	29	148	433	110	0	8.5	290	27	30	14	290	56	30	1615
	Bedford	Bedford	322	42	30	-	0	4	50	297	344	13	16	11.4	300	32	16	13	300	56	15	1605
		Cardington	226	133	133	16,30	6	8	69	402	207	36	0	13.1	220	38	30	04	260	54	30	1225
	Hertford	Garston	307	50	33	-	0	2	6	110	497	107	0	7.5	300	23	16	10	280	43	30	1240
		Rothamsted	461	41	33	-	0	0	0	94	494	132	0	7.1	310	20	16	14	310	44	16	1330
	Essex	Stansted	351	31	31	-	0	4	39	309	313	59	0	10.7	310	29	17	02	270	46	16	0410
		Coryton	66	57	48	-	0	3	27	225	409	56	3	9.7	310	27	17	03	300	49	17	0310
		Shoeburyness	118	106	91	1,5,16,17	16	14	96	464	120	24	0	15.4	320	37	17	04	320	61	17	0300
4	Yorks, W.R.	Sheffield	533	83	35	-	0	3	36	208	451	25	0	9.8	300	29	16	07	310	51	16	1225
	Warwick	Edgbaston	643	118	73	-	0	3	36	208	451	25	0	9.8	300	29	16	07	310	51	16	1225
		Elmdon	343	31	31	16	1	4	39	228	348	104	0	9.6	310	35	16	13	310	59	16	0735
	Buckingham	Amersham	500	50	50	-	0	3	21	176	442	81	0	8.6	270	26	30	13	270	54	16	0930
	Stafford	Keele	706	50	33	-	0	3	25	192	376	127	0	8.7	330	29	16	13	300	65	16	0245
	Worcester	Pershore	154	33	33	-	0	6	41	277	249	153	0	9.9	290	30	30	12	300	65	16	1515
5	Greater London	London W/Centre	306	229	125	-	0	3	20	418	263	19	0	11.6	280	26	30	14	320	45	16	2340
		Heathrow	115	33	33	-	0	3	19	271	348	82	0	9.7	290	26	16	11	290	48	16	1035
	London	Hampton	139	101	100	-	0	3	19	214	395	92	0	9.1	270	27	30	14	270	51	16	1900
		Kew	92	75	50	-	0	2	8	236	388	88	0	8.9	290	24	16	11	290	50	16	1000
	Surrey	Gatwick	232	38	33	-	0	2	13	144	443	120	0	7.9	310	27	16	11	310	55	16	1105
	Kent	Isle of Grain	48	40	33	-	0	4	28	251	365	74	2	10.0								

MEAN PRESSURE AT 9 G.M.T.

The dotted lines show the normal distribution of pressure in millibars based on 30 years observations 1931-60.

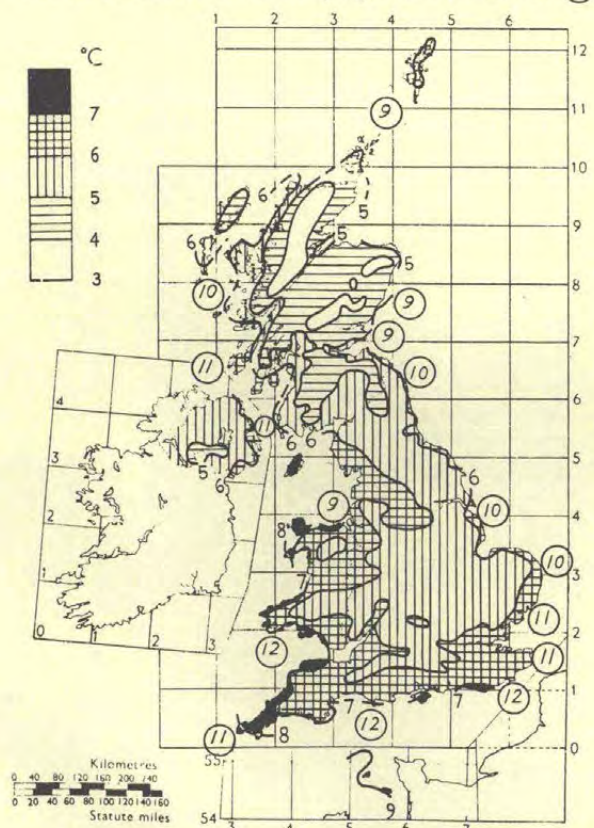


BRIGHT SUNSHINE

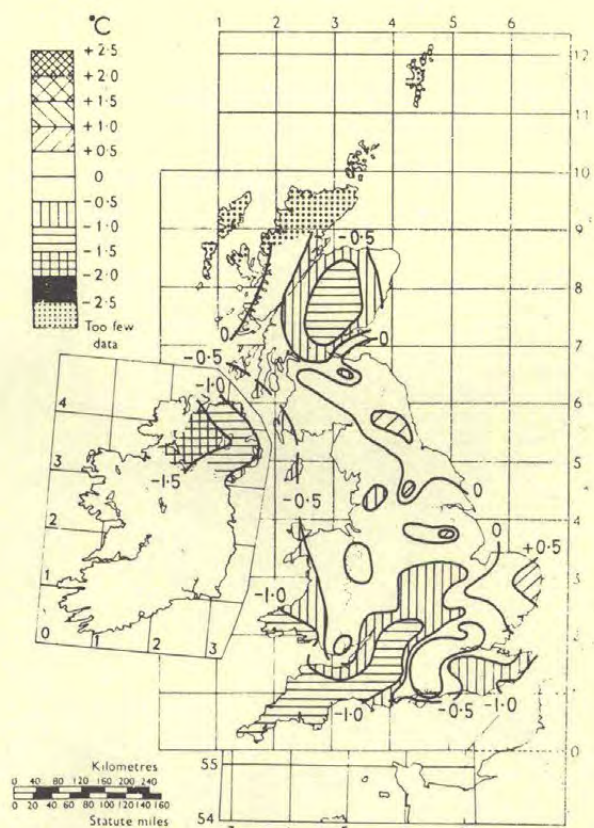


MEAN AIR TEMPERATURE

Reduced to sea level by a correction of 1°C. for 500 ft. Sea temperatures are shown by figures in circles thus (10)



ANOMALY OF MEAN 1 ft. EARTH TEMPERATURE



RAINFALL

NOVEMBER 1966

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

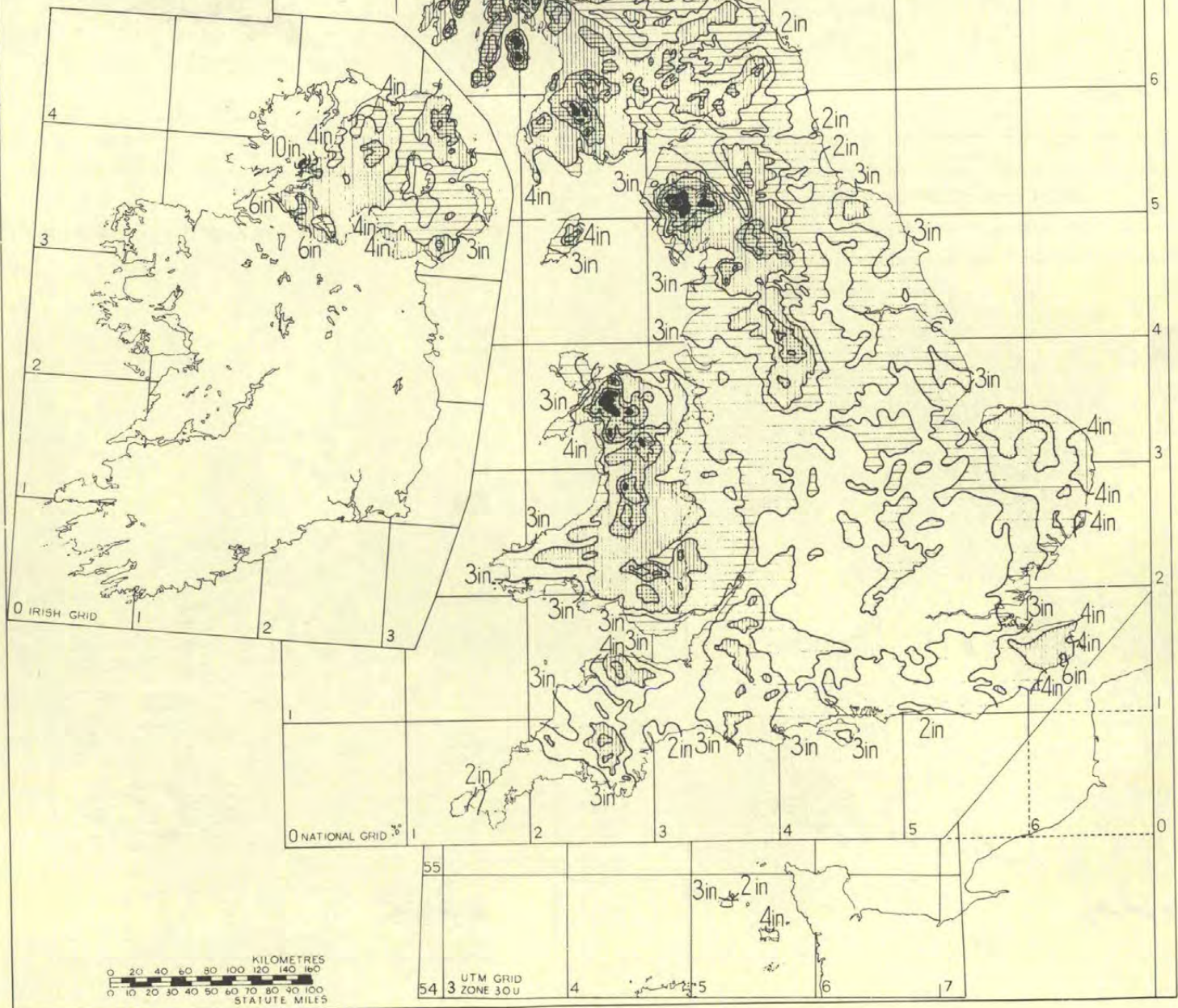
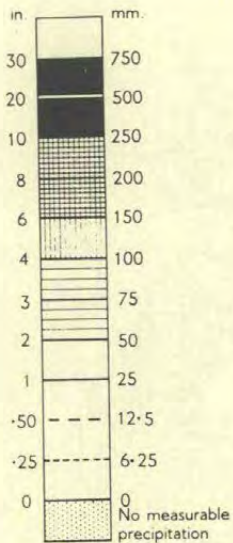


TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

NOVEMBER,

1966

DISTRICT, COUNTY AND PLACE		Terminal hr. GMT of Observation	Height of Station above MSL (feet)	AIR TEMPERATURE IN DEGREES CELSIUS							MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days										BRIGHT SUNSHINE									
				MEANS OF		Mean Temperatures (Mean of A & B)	Difference from Average a	HIGHEST MAXIMUM AND LOWEST MINIMUM				1 ft.	4 ft.	Total fall (inches)	Per cent of Average a	Amount (inches)	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	Gale	Daily Mean (hr.)	Per cent of Average a	Exposure			
				A Max.	B Min.			Maximum	Date	Minimum	Date							-0.01 in (0.2mm) or more	-0.01 in (1.0mm) or more																	
1 SCOTLAND, E.—cont.																																				
Midlothian	Davidson's Mains	99	200	7.3	2.0	4.7	-1.2	11.7	12	-3.9	11	5.0	-	1.74	71	.23	15	19	14	2	0	0	0	0	0	0	0	8	17	0	1.52	-	S			
	—cont.	99	620	6.3	0.7	3.5	-	10.0	12,13	-6.7	11	5.3	-	3.43	101	.80	6	18	15	3	1	0	0	0	0	0	0	10	24	1	1.29	-	-			
	Bush House	99	605	6.6	1.1	3.9	-	10.0	13,14,26	-6.7	11	5.6	7.8	3.24	102	.73	6	24	15	4	1	0	0	0	0	0	0	7	17	0	1.65	-	-			
	Edinburgh—	99	438	6.9	2.8	4.9	-1.4	11.7	12	-1.7	11	-	-	2.07	86	.55	6	18	11	1	0	0	0	0	0	0	0	4	16	3	1.51	79	-			
E. Lothian	.. Blackford Hill	99	74	7.7	2.3	5.0	-1.1	12.2	12	-5.0	11	5.6	-	2.03	86	.29	6	19	15	1	0	1	1	0	0	0	0	7	22	0	1.58	95	-			
	.. Royal Bot. Gdns.	99	162	7.7	1.9	4.8	-	12.2	12	-5.0	11	-	-	3.11	132	.79	6	19	13	1	0	0	0	0	0	0	0	9	14	0	1.48	-	S			
	Haddington	99	75	8.3	3.4	5.9	-0.8	12.8	12	-1.7	11	-	-	2.66	122	.67	6	17	10	0	0	0	0	0	0	0	0	1	7	0	1.79	85	-			
	Dunbar	99	225	7.9	1.2	4.5	-	11.7	7,13,26	-6.7	11	-	-	3.10	-	.43	5	21	15	3	-	0	0	0	-	7	19	0	1.89	-	-	-				
Berwick	Mertoun	99	600	6.8	0.2	3.5	-	11.1	13	-7.8	11	-	-	3.78	-	1.00	1	23	17	7	1	1	0	1	0	0	9	15	0	2.35	-	-	-			
	Lauder	99	498	6.9	1.6	4.3	-1.1	10.6	12,13,26	-3.9	11	-	-	3.60	121	.52	5	24	14	2	1	2	0	0	0	0	7	-	2	1.49	95	S				
	Marchmont	99	838	6.7	1.1	3.9	-	10.6	12,26	-6.1	11	-	-	4.13	127	.67	6	26	15	11	1	6	0	0	-	10	-	3	-	-	-	-				
	Whitchester	99	245	7.7	4.1	5.9	-	12.2	12	-1.0	30	-	-	-	-	-	-	-	-	-	0	0	0	0	0	1	2	2	8	-	-	-	-			
Peebles	St. Abb's Head	99	741	6.6	0.8	3.7	-	10.0	8,13,19	-7.2	11	-	-	5.15	116	1.06	1	22	18	4	1	1	0	0	0	0	11	20	0	-	-	-	-			
	Stanhope Farm	99	830	5.9	0.5	3.2	-	9.4	12,13,15	-7.2	11	-	-	3.23	94	.62	1	24	16	2	0	0	0	0	0	1	10	19	3	1.21	-	-	-			
	Blyth Bridge	99	800	5.9	0.3	3.1	-	9.4	14,15	-7.8	11	3.7	7.3	3.85	105	.78	1	24	15	1	1	0	0	0	0	0	0	13	17	0	-	-	-	-		
	West Linton	99	580	6.9	0.9	3.9	-	12.2	12	-7.8	11	-	-	4.20	142	1.39	1	22	16	2	1	0	0	0	0	0	3	10	-	0	-	-	-			
Selkirk	Glentress	99	600	6.9	1.0	3.9	-	10.6	12,13,14	-6.7	11	-	-	3.35	102	.68	1	22	14	3	0	2	1	0	0	0	11	-	3	-	-	-	-			
	Bowhill	99	560	6.9	0.4	3.7	-	11.1	26	-7.2	11	-	-	3.11	99	.41	15	20	17	5	0	2	0	0	0	0	14	-	0	-	-	-	-			
Roxburgh	Wauchope	99	900	6.6	1.2	3.9	-	10.0	13,14,26	-4.4	11	-	-	5.26	-	(.75)	1	22	15	-	0	-	-	-	-	0	9	20	-	1.31	-	-	-			
	Sourhope	99	900	6.6	1.2	3.9	-	10.0	13,14,26	-4.4	11	-	-	5.26	-	(.75)	1	22	15	-	0	-	-	-	-	0	9	20	-	1.31	-	-	-			
6a SCOTLAND, W.																																				
Argyll	Tiree	21-9	29	8.4	3.9	6.1	-1.8	11.0	7	-0.7	19	-	-	4.20	90	.54	30	22	20	2	0	0	14	0	0	0	0	2	11	8	2.46	154	-	-		
	Rhuvaal	21-9	65	8.5	4.8	6.7	-	12.3	6	0.2	23,30	-	-	4.47	71	.67	29	20	19	0	0	7	0	1	0	0	0	2	4	-	-	-	-	-		
	Colonsay	99	87	8.5	3.3	5.9	-1.6	11.1	14,26	-3.3	11	-	-	4.17	73	.48	29	20	19	1	-	7	0	0	0	0	4	-	4	-	-	-	-	-		
	Craighouse	99	10	8.4	3.6	6.0	-	11.1	8,14	0.0	23	-	-	6.42	-	.96	29	20	20	-	0	-	-	-	-	0	12	-	-	-	-	-	-	-		
Bute	Machrihanish	99	33	8.5	3.7	6.1	-	11.5	14	-2.1	23	-	-	4.95	-	.78	29	21	18	2	0	0	8	0	0	0	4	10	4	2.40	-	-	-	-		
	Campbeltown	99	10	9.0	3.1	6.1	-	11.7	15	-1.1	2	-	-	5.74	-	1.23	30	20	18	1	0	10	0	0	0	13	3	-	1	2.40	-	-	-	-		
	Polloch	99	33	7.6	0.4	4.0	-	11.7	11	-4.4	23	-	-	9.47	-	1.35	26	20	20	2	-	0	0	0	-	14	19	1	-	-	-	-	-	-		
	Achaglachgach	99	40	8.2	1.1	4.7	-	11.1	7	-3.3	23	-	-	8.62	133	1.10	29	21	20	2	-	6	0	2	0	0	11	21	0	-	-	-	-	-		
Dunbarton	Lephinmore	99	30	7.9	1.8	4.9	-	10.6	7,11,14	-2.8	11,23	-	-	7.63	104	.92	14	21	18	3	1	3	0	3	0	8	17	1	2.22	-	S	-	-	-		
	Glenbranter	99	80	7.3	0.6	3.9	-	10.6	14	-5.0	23	-	-	9.48	-	1.25	14	21	16	4	2	3	0	1	2	13	19	2	-	-	-	-	-	-		
	Benmore Y.B.G.*	99	40	8.1	1.3	4.7	-	11.7	14,26	-3.9	11	-	-	9.78	98	1.23	14	19	15	3	3	1	1	0	0	0	9	21	0	-	-	-	-	-	-	
	Kildonan	99	60	8.4	4.3	6.3	-	10.7	13,14	1.2	28	-	-	5.93	-	1.06	29	18	17	2	-	3	0	0	0	0	0	5	9	-	-	-	-	-	-	
Stirling	Brodict Castle	99	50	9.2	3.5	6.3	-	12.2	7	-1.1	11	6.2	-	8.71	-	1.58	29	18	18	3	3	1	0	0	0	0	3	18	2	-	-	-	-	-	-	
	Rothesay	99	140	7.7	3.1	5.4	-1.5	11.1	13	0.0	11,23,29	5.6	7.8	6.39	109	.92	11	19	18	3	2	0	0	0	0	0	0	13	1	1.32	83	-	-	-	-	
	Millport	99	16	8.6	3.6	6.1	-	11.1	13,14,15	-1.1	28	-	-	4.58	98	.70	30	17	17	1	1	0	0	0	0	0	1	-	4	-	-	-	-	-	-	
	Finnart	99	50	8.1	2.6	5.3	-	12.2	14	-1.1	11	-	-	7.83	-	1.08	14	18	17	5	2	1	0	0	0	0	2	-	3	-	-	-	-	-	-	
Renfrew	Helensburgh	99	293	7.4	1.6	4.5	-1.5	10.0	6,13,17	-2.8	11	-	-	5.25	90	.78	15	18	17	3	3	0	0	0	0	0	0	9	-	0	2.04	143	-	-	-	-
	Sloy	99	40	7.8	3.1	5.5	-	12.7	15	-4.1	11	-	-	10.04	-	1.44	14	18	17	4	-	0	1	0	0	0	9	-	0	-	-	-	-	-	-	
	Cumbernauld	99	310	6.8	0.4	3.6	-	10.0	7,12,15	-5.6	11	-	-	4.44	-	1.25	11	21	16	4	3	0	0	0	0	0	13	24	0	-	-	-	-	-	-	
	Earl's Hill	99	1100	5.1	0.5	2.8	-	8.4	7,14	-5.2	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	16	22	-	2.33	-	-	-	-	-	
Lanark	Stirling	99	151	7.7	1.7	4.7	-1.3	11.1	14	-4.4	11	4.6	9.4	2.49	66	.43	29	18	13	5	3	0	0	0	0	1	8	25	2	1.66	-	-	-	-	-	
	Falkirk	99	68	7.7	1.7	4.7	-1.2	11.7	25	-5.6	11	-	-	3.48	97	.69	11	19	13	0	0	0	1	0	0	0	6	-	0	-	-	-	-	-	-	
	Greenock	99	200	7.7	3.0	5.3	-1.6	10.6	13,14,15	-1.1	11	-	-	6.05	92	1.23	11	17	15	2	2	0	0	0												

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS NOVEMBER, 1966

DISTRICT, COUNTY AND PLACE		Terminal hr. GMT of Observation	Height of Station above MSL (feet)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days										BRIGHT SUNSHINE							
				MEANS OF		Mean Temperature (Mean of A & B)	Difference from Average °	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (inches)	Per cent of Average %	Most in a DAY Amount (inches)	Precip'n Date	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost†	Grass min. below 0°C	Gale	Daily Mean (hr.)	Per cent of Average %	Exposure				
				A Max.	B Min.			Maximum	Date	Minimum	Date	1 ft.	4 ft.																				
2 ENGLAND, N.E.																																	
Northumberland	Kielder Castle ...	99	660	6.1	0.1	3.1	-	10.6	26	-7.2	11	6.1	-	5.46	122	.96	29	24	18	3	1	0	0	0	0	5	15	25	0	-	-	-	
	Haydon Bridge ...	99	258	8.1	1.3	4.7	-	11.7	12,13	-5.6	11	5.6	7.7	2.75	-	.41	29	20	18	1	0	0	0	0	0	0	9	16	0	-	-	-	
	Corbridge ...	99	160	8.3	1.7	5.0	-	12.2	12,13	-7.2	11	-	-	2.38	-	.46	6	19	15	0	0	2	0	0	0	8	15	0	-	-	-		
	Berwick-on-Tweed ...	99	76	8.3	3.1	5.7	-0.8	11.7	13	-3.3	11	-	-	2.03	91	.33	6	18	12	0	0	3	0	1	0	4	10	2	2.25	110	-	-	
Durham	Cockle Park ...	99	326	(7.6)	(1.8)	(4.7)	(-1.1)	11.7	12	-3.3	11	(5.3)	-	2.45	89	(.34)	6	23	15	1	-	0	0	0	0	-	7	13	2	2.45	120	-	
	Acklington ...	21-9	138	7.9	3.0	5.5	-	11.6	26	-3.8	11	-	-	2.06	82	.30	6	20	14	1	0	6	0	0	0	3	12	2	2.48	-	-	S	
	Tynemouth ...	21-9	95	8.1	4.1	6.1	-1.2	12.0	15	-1.1	11	-	-	2.33	93	.53	17	22	12	0	0	5	0	0	0	1	9	7	1.92	119	-	-	
	Seahouses ...	21-9	37	8.2	3.7	5.9	-	11.8	15	-2.0	11	-	-	1.85	-	.22	6	19	16	2	0	1	0	0	0	3	12	4	2.38	-	-	-	
	Chopwellwood ...	99	446	7.7	2.2	4.9	-1.1	11.7	12	-2.8	11	-	-	2.43	88	.36	6	21	12	1	0	1	0	0	1	9	22	0	-	-	-		
	Ushaw College ...	99	594	7.9	2.0	4.9	-0.9	10.6	8,15,26	-2.2	11	-	-	2.39	82	.35	17	15	14	1	0	0	0	0	4	3	-	2	-	-	-	-	
	Houghall ...	99	123	8.3	1.7	5.0	-0.9	12.2	13,15	-6.1	11	-	-	2.09	78	.34	6	17	14	0	0	3	0	0	2	7	18	0	1.97	116	-	-	
	Durham ...	99	336	8.4	2.2	5.3	-0.8	11.7	13,15,26	-3.9	11	6.7	9.1	1.92	77	.27	6,17	18	14	-	-	-	-	-	4	16	-	1.95	102	-	-	-	
	Gateshead ...	99	509	-	-	-	-	-	-	-	-	-	-	2.13	83	(.42)	6	(19)	(13)	-	-	-	-	-	-	-	-	-	2.16	-	-	-	
	West Hartlepool ...	99	30	9.1	3.5	6.3	-	12.8	15	-2.2	11	-	-	2.86	114	.75	2	18	13	0	0	1	0	0	1	2	8	3	1.52	-	-	-	-
	Yorks., N. Riding	Thirsk ...	99	111	8.3	1.5	4.9	-	11.1	8,9,15	-5.0	11	-	-	2.05	-	.60	17	21	14	2	0	0	0	0	5	8	16	2	-	-	-	-
Leeming ...		99	105	8.3	2.7	5.5	-	12.0	15	-4.6	11	-	-	1.72	-	.27	17	16	13	1	0	0	0	0	2	4	15	1	2.07	-	-	-	
York (Heslington) ...		99	66	8.4	2.2	5.3	-	11.7	15	-3.9	11	5.2	-	1.87	-	.36	1	20	15	-	-	-	-	-	5	8	-	-	1.78	-	-	-	
Ampleforth ...		99	313	7.8	2.3	5.1	-1.0	11.1	26	-2.2	11	-	-	2.06	69	.29	17	23	15	1	-	0	0	0	1	3	19	0	-	-	-	S	
Yorks., E. Riding	Redcar ...	99	25	9.3	3.7	6.5	-	12.8	14,15	-2.2	11	-	-	2.94	117	.83	2	22	12	-	-	-	-	-	-	0	1	-	-	1.31	-	-	-
	Pickering ...	99	143	8.1	1.4	4.7	-	11.7	6	-5.7	11	-	-	2.55	-	.39	1	25	18	0	0	0	1	0	0	9	17	0	-	-	-	-	
	Whitby ...	99	135	-	3.7	-	-	-	-	-2.2	11	-	-	2.41	91	.34	5	22	15	0	0	0	0	0	0	1	1	-	0	-	-	-	
	Scarborough ...	99	118	8.6	3.9	6.3	-1.1	11.1	15,26	-1.1	11	7.8	10.2	2.70	106	.40	5	22	18	0	0	0	0	1	0	0	1	9	4	1.51	90	S	
	Silpho Moor ...	99	665	7.3	1.7	4.5	-	10.6	6	-1.7	11,29	5.7	-	3.75	110	.64	5	25	18	1	0	1	0	0	3	7	17	1	1.81	-	-	-	
	Whitby C'Guard ...	21-9	207	8.2	4.0	6.1	-	11.7	6	-2.4	11	-	-	1.55	-	.33	3	19	11	1	0	0	0	0	0	1	1	6	6	-	-	-	
	High Mowthorpe ...	99	574	7.1	2.0	4.5	-	10.6	6	-1.7	11	6.0	-	3.08	109	.72	1	26	18	0	0	0	0	0	3	8	16	0	1.77	-	-	-	
	Hull ...	99	8	8.6	3.1	5.9	-1.2	12.2	6,15	-2.2	11	6.5	9.6	2.43	95	.52	1	18	16	2	0	0	0	0	1	3	6	10	1	1.85	119	-	-
	Leconfield ...	21-9	24	8.2	3.3	5.7	-	11.9	6	-2.8	11	-	-	2.17	-	.55	1	17	14	3	0	2	1	0	2	2	13	0	2.03	-	-	-	-
	Filey ...	99	122	8.3	2.7	5.5	-	11.7	6	-3.9	11	-	-	2.36	83	.58	1	20	14	0	0	1	0	0	1	7	13	0	-	-	-	-	
	Bradlington ...	99	157	8.2	2.4	5.3	-	11.7	6	-1.7	11	-	-	2.82	97	.83	1	22	14	0	0	1	0	0	2	4	10	5	2.03	-	-	-	-
Lincoln	Kilnsea ...	21-9	40	8.4	4.1	6.3	-	11.5	7,15	-0.5	11	-	-	2.65	-	.48	1	20	17	1	0	2	0	0	2	2	-	9	-	-	-	-	
	Waddington ...	21-9	224	7.4	2.8	5.1	-1.3	11.4	15	-2.6	11	-	-	1.87	-	.39	5	20	13	1	0	0	1	0	4	3	12	0	1.61	-	-	-	-
	Lincoln ...	99	22	8.1	1.3	4.7	-	11.7	6,15	-4.4	24	7.3	9.2	2.06	81	.33	5	21	16	0	0	0	0	0	3	9	20	2	1.66	-	-	-	
	Cranwell ...	99	205	7.8	2.3	5.1	-1.3	12.1	15	-2.5	4	6.3	9.1	1.60	69	.48	5	21	12	0	0	0	0	0	3	5	15	0	1.41	70	-	-	
	Brigg ...	99	10	8.2	1.7	4.9	-	12.2	6	-4.4	11	-	-	2.92	-	.74	1	21	15	1	0	0	0	0	8	8	14	1	-	-	-	-	
	Caistor ...	99	100	8.1	1.5	4.8	-	12.2	6	-5.0	11	-	-	3.01	-	.59	1	24	15	-	-	-	-	-	-	11	-	-	-	-	-	-	
	Binbrook ...	21-9	353	7.2	3.1	5.1	-	12.1	7	-1.6	11	-	-	2.86	-	.41	18	20	17	5	0	3	2	0	2	4	10	0	-	-	-	-	-
	Cleethorpes ...	99	23	8.4	3.7	6.1	-0.9	12.2	6	-1.7	4	-	-	2.59	108	.33	1	19	15	-	-	-	-	-	2	2	11	-	1.86	98	-	-	-
	Manby ...	21-9	55	8.2	3.5	5.9	-	14.0	7	-1.4	11	-	-	2.70	116	.41	5	20	16	4	0	0	4	1	1	6	9	0	1.77	-	-	-	-
Skegness ...	99	15	8.4	3.3	5.9	-1.0	13.9	8	-2.2	11	-	-	3.17	-	.46	16	22	17	0	0	0	0	0	1	5	-	2	1.70	83	-	-	-	
3 ENGLAND, E.																																	
Norfolk	Terrington St. Cl. ...	99	13	7.9	2.5	5.2	-	14.4	7	-2.2	11	7.2	-	2.04	99	.40	22	22	14	0	0	0	0	0	6	8	11	0	1.72	-	-	-	
	Marham ...	21-9	76	7.9	3.1	5.5	-	15.3	7	-4.1	11	-	-	3.54	-	.56	22	24	18	1	0	0	2	0	5	4	9	0	-	-	-	-	
	Santon Downham ...	99	80	7.9	1.7	4.8	-	16.1	7	-3.9	2,3	7.5	9.4	3.52	135	.74	16	26	20	-	-	-	-	-	-	10	20	-	1.16	-	-	-	
	West Raynham ...	21-9	250	7.5	3.1	5.3	-1.2	14.8	7	-2.0	4	-	-	5.35	184	.78	22	23	20	3	0	2	5	2	5	6	11	0	1.51	-	-	-	
Suffolk	Cromer ...	99	178	8.4	4.1	6.3	-1.0	15.0	7	0.0	4	-	-	3.46	117	.70	16	23	19	-	-	-	-	-	-	0	0	6	-	1.62	81	-	-
	Sproston ...	99	93	8.3	2.7	5.5	-1.4	16.1	7	-1.7	11	8.1	-	3.83	143	.73	16	25	20	0	0	1	0	0	-	7	10	2	1.61	88	S	-	
	Coltishall ...	21-9	55	8.4	3.9	6.1	-	16.1	7	-1.3	11	-	-	3.70	-	.60	16	24	19	2	0	4	0	0	3	3	10	0	-	-	-	-	
	Burlingham ...	99	89	8.4	3.4	5.9	-	15.6	7	-0.6	4,11,12	-	-	3.75																			

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

NOVEMBER,

1966

DISTRICT, COUNTY AND PLACE		Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (feet)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days												BRIGHT SUNSHINE				
					MEANS OF		Mean Temperatures (Mean of A & B)	Difference from Average	HIGHEST MAXIMUM AND LOWEST MINIMUM								Total fall (inches)	Per cent of Average	Amount (inches)	Date	Precip'n (0.01in or more)	Snow or Sleet	Snow lying at hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost†	Grass min. below 0°C	Gale	Daily Mean (hr.)	Per cent of Average	Exposure
					A Max.	B Min.			Maximum	Date	Minimum	Date																					
MIDLAND COUNTIES																																	
W. Riding		Slaidburn ...	9 9	629	7.6	2.2	4.9	-	10.0	13,14	-2.8	11	-	-	5.86	-	1.11	29	22	14	1	2	0	1	0	3	5	16	0	2.08	-	-	-
		Malham Tarn ...	9 9	1297	5.4	0.7	3.1	-	7.8	13,14,15	-3.9	29	5.8	-	-	5.45	87	1.01	29	25	18	5	3	3	0	0	6	11	25	2	-	-	-
" Oakes		Huddersfield \$	9 9	325	8.2	3.3	5.7	-0.6	13.3	15	-1.7	11	6.3	9.2	3.45	-	.72	29	16	13	-	0	-	-	-	2	2	11	-	1.08	86	-	-
		" Bradford €	21-9	772	6.5	2.7	4.6	-1.4	9.5	14	-1.0	29	5.8	8.1	4.26	109	1.03	29	24	14	3	1	0	2	4	1	2	16	3	1.21	72	-	-
Derby		Ilkley ...	9 9	439	7.6	2.8	5.2	-1.0	10.6	13,14,15	-2.2	11	6.9	9.8	3.39	96	.83	29	16	13	3	0	2	0	0	2	4	11	2	-	-	5	
		Sheffield ...	9 9	315	7.9	2.7	5.3	-0.8	11.1	13	-3.3	11	-	-	-	3.66	96	.97	29	18	16	0	0	1	0	0	4	7	-	1.53	94	-	-
Derby		Wakefield ...	9 9	429	7.5	3.3	5.4	-1.5	11.7	15	0.6	11,12	6.8	10.0	3.70	115	.62	15	19	13	3	0	0	1	0	-	0	12	0	1.37	97	-	-
		Pontefract ...	9 9	121	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Derby		Bramham ...	9 9	255	8.1	2.6	5.3	-1.2	11.1	13,14,15	-3.3	11	-	-	1.59	69	.25	5	20	14	0	0	0	0	0	4	5	8	0	-	-	-	-
		Cawood ...	9 9	177	7.9	2.1	5.0	-	11.1	13,14,15	-2.8	11	-	-	-	1.98	87	.26	29	20	13	1	0	0	0	0	4	5	10	2	1.82	-	-
Derby		Askham Bryan ...	9 9	20	8.3	2.1	5.2	-	11.1	13,15,27	-3.9	11	6.1	8.9	1.74	73	.25	1	21	14	0	0	0	0	0	3	7	16	-	2.09	-	-	-
		Buxton ... €	9 9	110	8.1	2.2	5.1	-	11.1	13,14,15	-3.3	11	-	-	-	1.55	62	.24	1	20	12	0	0	0	0	0	5	8	12	1	1.95	123	-
Derby		Chapel en le Frith	9 9	1007	6.2	2.1	4.1	-1.2	8.9	7,13,15	-1.1	11,24	5.1	7.7	5.94	119	1.22	29	24	20	3	1	0	0	0	5	4	7	1	-	-	-	-
		Derby ...	9 9	732	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Nottingham		Morley ...	9 9	159	8.2	2.8	5.5	-	11.7	15	-1.7	11,24	-	-	1.92	-	.39	15	18	12	2	0	1	1	0	4	4	12	1	1.55	-	-	-
		Chesterfield ...	9 9	350	7.7	2.7	5.2	-	10.6	14,15	-1.1	24	-	-	-	2.00	78	.38	15	20	11	2	1	1	1	0	-	4	22	2	1.39	-	-
Nottingham		Sutton Bonington	9 9	298	7.9	2.2	5.1	-	12.2	15	-1.7	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		Watnall ...	9 9	157	8.1	1.9	5.0	-1.4	11.7	15	-2.8	24	7.4	9.6	1.86	85	.33	5	17	13	1	1	0	0	0	0	5	8	17	0	1.32	80	-
Nottingham		Nottingham T.C.*	21-9	385	7.4	2.8	5.1	-1.4	10.6	15	-2.3	11	-	-	2.26	85	.42	5	20	13	2	1	2	1	0	6	4	11	0	1.51	89	-	-
		Mansfield ...	9 9	159	8.1	2.4	5.3	-	11.7	15	-1.1	11	-	-	-	2.32	-	.40	29	16	14	-	-	-	-	-	5	4	9	-	1.32	-	-
Leicester		Nottingham €	9 9	362	7.6	2.7	5.1	-1.2	10.6	15	-1.1	11	6.0	-	2.68	95	.55	1	20	15	2	1	0	0	0	2	1	-	0	-	-	-	-
		Warsop ...	9 9	192	8.2	3.1	5.7	-1.2	11.7	15	-1.1	24	5.9	8.9	1.98	86	.49	15	17	14	1	1	0	1	0	2	3	8	0	1.32	89	-	-
Leicester		Finningley ...	9 9	150	8.3	1.9	5.1	-	11.7	15	-4.4	11	-	-	2.59	108	.59	5	18	13	-	0	-	-	-	5	8	21	-	1.69	-	-	-
		Newtown Linford	21-9	34	8.5	3.1	5.8	-0.9	13.6	15	-3.6	11	-	-	-	2.01	-	.48	1	20	15	1	0	0	0	0	2	5	8	0	2.02	-	-
Northampton		Caldecott ...	9 9	392	7.3	1.9	4.6	-	11.1	15	-2.8	24	-	-	1.95	-	.41	5	19	13	1	0	0	1	1	2	6	11	0	1.34	-	-	-
		Bugbrooke Mills	9 9	175	8.0	1.3	4.7	-	12.2	7	-5.0	3	-	-	-	1.73	-	.59	5	16	12	-	0	-	-	-	12	12	14	-	1.31	-	-
Warwick		Raunds ... €	9 9	228	8.1	1.7	4.9	-	12.2	7	-3.9	3,4,24	6.8	9.9	1.58	-	.63	5	13	7	-	0	-	-	-	-	4	8	-	-	1.54	-	-
		Wittering ...	9 9	193	7.8	2.0	4.9	-	13.9	7	-3.3	24	6.7	10.5	2.19	95	.61	5	20	11	1	0	1	0	1	0	2	6	12	1	1.41	-	-
Warwick		Birmingham K.E.S.**	21-9	212	7.7	3.0	5.3	-1.3	13.1	7	-2.9	24	-	-	1.97	-	.56	5	19	11	5	0	1	1	0	3	3	11	0	1.80	-	-	-
		Edgbaston €	9 9	450	7.9	2.6	5.3	-	11.1	15,27	-1.7	24	-	-	-	1.98	-	.37	5	17	11	2	0	0	0	0	4	3	-	0	-	-	-
Oxford		Luddington ...	21-9	536	7.0	3.4	5.2	-1.5	10.5	15	0.2	24	7.2	9.6	2.29	72	.39	15	17	10	4	0	4	0	0	2	0	11	0	1.44	91	-	-
		Stratford on Avon	9 9	138	8.2	1.8	5.0	-	11.7	7,15	-3.3	24	-	-	-	1.20	53	.48	5	12	9	1	1	0	0	0	3	8	16	0	1.54	-	-
Oxford		Elmdon ...	9 9	160	8.2	1.4	4.8	-	11.7	7,12,15	-3.9	24	6.6	-	1.47	69	.48	5	17	9	1	1	0	0	0	2	9	18	0	1.58	-	-	-
		Shipston on Stour	21-9	319	7.5	2.2	4.9	-1.5	11.4	15	-4.7	24	-	-	-	1.69	63	.33	5	15	11	3	0	1	0	0	2	8	14	2	1.47	-	-
Oxford		Wellesbourne	9 9	365	7.7	2.0	4.9	-	11.7	15	-3.9	24	7.1	-	1.37	-	.59	5	16	8	1	1	1	0	0	2	7	16	-	1.47	-	-	-
		Moreton Morrell	9 9	153	8.1	1.9	5.0	-	12.2	7	-2.8	3,24	-	8.8	1.40	58	.54	5	15	7	0	0	0	0	0	0	2	7	15	0	1.39	-	-
Warwick		Coventry ...	9 9	280	7.9	1.9	4.9	-	12.2	7	-3.9	24	-	-	1.46	-	.60	5	13	8	1	1	0	0	0	4	7	16	2	1.45	-	-	-
		Rugby ...	9 9	350	7.7	1.2	4.5	-	11.7	15	-2.8	24	6.8	9.2	-	-	-	-	-	-	-	-	-	-	-	-	0	3	-	-	1.59	-	-	5
Oxford		Buckingham	9 9	385	7.5	1.8	4.7	-1.5	11.1	7,15	-3.3	24	5.9	8.9	1.78	-	.43	5	17	11	1	0	0	0	0	0	-	6	13	1	-	-	-
		Medmenham	9 9	208	8.3	2.9	5.6	-1.4	14.4	7	-2.8	24	6.4	9.4	1.10	42	.43	5	15	6	2	1	0	0	0	0	2	4	13	0	2.03	99	-
Stafford		Grendon Underwood	9 9	98	8.4	1.2	4.8	-	15.6	7	-3.9	11,24	-	-	1.93	-	.54	5	15	11	-	-	-	-	-	-	11	27	-	-	-	-	
		Aylesbury ...	9 9	220	8.2	1.3	4.7	-	13.9	7	-5.0	11	6.9	10.3	1.53	-	.56	5	17	9	0	0	0	0	0	0	0	10	19	0	1.99	-	-
Stafford		Bletchley ...	9 9	316	7.8	1.8	4.8	-	13.9	7	-5.6	3	-	-	1.75	64	.56	5	14	10	2	0	1	1	1	3	9	16	2	1.61	-	-	-
		Keele ...	9 9	281	8.2																												

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS NOVEMBER, 1966

DISTRICT, COUNTY AND PLACE		Max. Terminal hr. GMT of Observation Min.	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		Mean Temperatures (Mean of A & B)	Difference from Average θ	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (inches)	Per cent of Average θ	Most in a DAY (inches)	Precip'n (0.1in (0.2mm) or more)	Snow or Sleet	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost†	Glass min. below 0°C	Gale	Daily Mean (hr.)	Per cent of Average θ	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
				A Max.	B Min.			Maximum	Date	Minimum	Date	1 ft.	4 ft.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													

* Seed Trial Grounds ** Sunshine read at Bracknell (Easthampsted)

*** Sunshine read at Ball Time Tower

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

NOVEMBER.

1966

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		Mean Temperatures (Mean of A & B)	Difference from Average	HIGHEST MAXIMUM AND LOWEST MINIMUM							Total fall (inches)	Per cent of Average	Amount (inches)	Most in a day	Precip'n		Snow or Sleet	Snow lying at 9 hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9 hr.	Air Frost†	Grass min. below 0°C	Gale	Daily Mean (hr.)	Per cent of Average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
				A Max.	B Min.			Maximum	Date	Minimum	Date	0.01 in (0.2 mm) or more	0.04 in (1.0 mm) or more																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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7a ENGLAND, N.W.—cont.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

NOVEMBER, 1966

DISTRICT, COUNTY AND PLACE	Max. Min.	Terminal hr. 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		Mean Temperature (Mean of A & B)	Difference from Average	HIGHEST MAXIMUM AND LOWEST MINIMUM				1 ft.	4 ft.	Total fall (inches)	Per cent of Average	Most in a Day Amount (inches)	Date	Precip'n (0.1in (0.2mm) or more -0.1in (1.0mm) 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	Gale	Daily Mean (hr.)	Per cent of Average	Exposure			
				A Max.	B Min.			Maximum	Date	Minimum	Date																						
8b ENGLAND, S.W. - cont.																																	
Devon	Hartland Point ...	21-9	298	9.2	6.4	7.8	-	11.6	15	3.0	3	-	-	1.94	46	.67	4	17	10	0	0	2	1	0	0	0	7	2.52	127	-	-		
	Mount Batten ...	21-9	87	9.9	4.4	7.1	-1.9	12.4	12	-0.3	4	-	-	2.39	53	.72	4	18	13	0	0	0	2	0	0	1	11	1	2.98	134	-	-	
	Plymouth, The Hoe	9 9	119	9.9	4.5	7.2	-1.6	12.2	11, 12	-0.6	22	7.7	10.8	1.95	44	.68	4	17	12	0	0	0	0	0	0	1	19	1	3.36	150	-	-	
	Tavistock ...	9 9	457	9.3	2.6	5.9	-1.9	12.2	7	-1.7	4, 22	-	-	3.18	-	.63	4	21	14	0	0	2	0	0	0	5	20	0	-	-	-		
	Chivenor ...	21-9	20	9.7	4.5	7.1	-2.0	13.4	12	0.0	3	-	-	2.61	65	.46	27	18	15	0	0	0	0	4	0	1	0	10	2	2.32	-	-	-
	Ilfracombe ...	9 9	25	9.8	6.7	8.3	-1.1	12.2	13, 14, 15	1.7	3	8.3	11.8	3.25	76	.50	29	16	12	0	0	0	0	0	0	0	1	2	1.69	89	-	-	
	Princetown ...	9 9	1359	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Totnes ...	9 9	120	9.8	2.6	6.2	-	12.2	5, 15	-2.8	4, 22	7.4	11.0	2.81	49	.81	4	16	11	0	0	0	0	1	0	0	5	16	0	-	-	-	
	Slapton ...	9 9	104	9.7	3.7	6.7	-	12.2	14	0.6	3, 4, 29	-	-	3.51	-	.83	4	16	13	0	0	-	0	0	0	0	0	10	0	-	-	-	
	Newton Abbot ...	9 9	272	9.3	3.3	6.3	-1.7	11.7	14, 15, 26	-1.1	4	-	-	2.07	43	.68	4	13	10	0	0	0	0	0	0	1	3	16	1	2.90	128	-	-
	Paignton ...	9 9	8	10.1	3.6	6.9	-	12.2	12, 14, 15	-0.6	4, 23	-	-	2.71	57	.91	4	15	11	1	0	0	0	0	0	0	3	8	2	2.95	131	-	-
Cornwall	Torquay ...	9 9	26	9.9	3.7	6.8	-2.0	12.3	15	-0.4	4	-	10.7	2.64	62	.94	5	13	9	0	0	0	0	0	0	0	1	6	3	3.01	125	-	-
	Teignmouth ...	9 9	20	9.8	4.3	7.1	-1.8	12.8	15	0.6	4	-	-	2.18	56	.75	4	15	8	0	0	0	0	0	0	6	2	0	2.67	114	-	-	
	Starcross ...	9 9	29	9.4	3.1	6.3	-	12.8	15	-1.7	4	6.8	-	2.00	51	.84	4	14	7	-	0	-	-	-	1	5	14	-	2.93	-	-	-	
	Exmouth ...	9 9	195	9.2	3.4	6.3	-1.7	12.8	15	-1.1	3	-	-	1.82	49	.77	4	15	7	0	0	0	0	0	1	0	2	-	1	2.76	116	-	-
	Exeter ...	21-9	106	9.0	3.0	6.0	-	12.1	15	-3.0	4	-	-	2.01	52	.81	4	14	10	2	0	1	0	0	0	3	6	13	1	2.36	-	-	-
	Scilly ...	21-9	158	10.5	7.4	8.9	-1.4	14.5	7	4.4	1	-	-	1.80	50	.44	27	20	12	0	0	1	0	0	0	0	1	-	3.17	125	-	-	
	Penzance ...	9 9	62	11.0	4.8	7.9	-1.8	13.3	7, 13	-0.6	20	-	-	2.47	50	.59	27	23	15	0	0	1	0	0	0	0	1	12	3	3.21	128	-	-
	Gulval ...	9 9	50	10.7	4.7	7.7	-1.8	13.3	7, 8	0.6	20, 21	-	-	2.42	52	.46	27	23	12	-	0	-	-	-	0	0	8	-	3.14	132	-	-	
	Culdrose ...	9 9	268	9.9	3.5	6.7	-	12.8	7, 8	-1.7	3	-	-	2.71	64	.81	17	16	11	0	0	1	3	0	0	0	1	14	3	3.11	-	-	-
	Rosewarne ...	9 9	250	9.8	4.9	7.3	-	12.8	7	-0.6	3	7.5	10.2	2.18	48	.41	17	20	14	2	0	4	0	0	0	1	12	3	2.84	-	-	-	
	Lizard ...	9 9	240	10.4	4.8	7.6	-2.1	13.0	7	0.1	3	-	-	1.84	47	.30	4	19	13	1	0	0	0	1	-	0	-	5	3.28	-	-	-	
	Falmouth ...	9 9	167	10.1	3.9	7.0	-2.3	13.3	7	-1.1	3	-	-	3.00	58	.75	4	14	13	0	0	0	0	0	0	1	15	0	2.85	120	-	-	
	Newquay ...	9 9	176	9.8	4.7	7.3	-1.7	12.2	12, 15	-1.1	20	-	-	2.14	54	.51	4	16	13	0	-	1	1	0	-	1	-	2	2.49	107	-	-	
	St. Mawgan ...	21-9	337	9.5	4.5	7.0	-	11.9	12	-0.5	3	-	-	2.53	58	.59	4	17	12	0	0	1	4	0	0	1	7	2	2.79	-	-	-	-
	St. Austell ...	9 9	310	9.9	3.3	6.6	-	13.9	15	-1.1	3	-	-	2.94	52	.59	4	19	13	0	0	0	0	0	2	1	-	0	-	-	-	-	
	Fowey ...	9 9	51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Bude ...	9 9	50	9.9	4.3	7.1	-1.7	12.2	7, 12, 15	-1.1	21, 22	6.2	-	2.46	62	.43	27	18	13	-	0	-	-	-	-	7	-	-	(2.84)	128	-	-	
	Ellbridge ...	9 9	190	9.8	2.6	6.2	-1.9	12.2	7	-1.7	4	-	-	2.40	50	.73	4	19	14	0	0	4	0	0	0	4	14	2	3.35	146	-	-	-
9 NORTHERN IRELAND																																	
Londonderry	Loughmore Forest	9 9	570	6.9	1.6	4.3	-	9.5	11, 12, 14	-6.7	23	-	-	4.79	-	.73	15	22	18	2	0	1	0	0	0	9	17	0	-	-	-	-	
	Ballykelly ...	21-9	6	8.4	3.1	5.7	-1.4	11.6	11	-5.5	23	6.6	9.9	3.47	94	.71	30	21	16	4	0	0	8	1	0	8	11	3	2.14	105	-	-	
	Derrynoyd Forest	9 9	290	7.9	1.9	4.9	-	11.1	14	-3.9	23	-	-	5.25	-	.95	30	24	17	1	1	2	0	0	0	6	17	0	-	-	-	-	
	Somerset Forest	9 9	140	8.2	2.3	5.3	-	11.1	26	-5.0	23	-	-	3.88	-	.66	29	21	19	2	0	2	0	0	1	6	14	1	-	-	-	-	
	Garvagh Forest	9 9	290	7.7	1.6	4.7	-	10.6	11, 12, 14	-5.0	23	-	-	4.06	-	.63	30	20	17	1	0	3	0	0	0	0	9	15	1	-	-	-	-
Antrim	Moneydig ...	21-9	112	8.2	2.1	5.1	-1.4	11.1	15, 26	-5.2	23	6.9	-	3.52	84	.58	30	22	15	3	0	6	0	0	1	9	15	4	-	-	-	-	
	Portrush ...	-	30	-	-	-	-	-	-	-	-	-	-	4.35	118	.80	30	21	20	-	-	-	-	-	-	-	-	-	1.82	-	-	-	
	Ballymoney ...	9 9	180	8.1	2.3	5.2	-	10.6	8, 12, 14	-5.0	23	-	-	3.28	-	.41	29	20	17	1	-	2	0	0	0	5	-	1	-	-	-	-	
	Lisnafillan ...	9 9	124	8.2	0.9	4.5	-	11.1	12, 14, 26	-6.1	23	-	-	3.71	-	.70	30	21	16	0	0	0	0	0	4	12	18	0	2.69	-	-	-	
	Aldergrove ...	21-9	225	7.6	2.1	4.9	-1.7	10.4	12, 13	-3.6	23	6.2	9.9	3.07	86	.76	4	18	13	5	0	3	0	0	1	9	15	1	2.15	121	-	-	
	Greenmount ...	9 9	105	8.2	1.8	5.0	-	11.1	6	-3.9	23	6.1	-	2.78	-	.70	4	18	12	0	0	0	0	0	-	7	17	-	-	-	-	-	
	Altnahinch ...	9 9	742	6.6	1.8	4.2	-	9.4	11, 12, 14	-1.7	28	-	-	6.30	-	1.32	4	23	22	8	3	3	0	0	1	3	5	17	3	1.64	-	-	-
	Parkmore Forest	9 9	770	6.3	1.4	3.9	-	9.4	14	-2.8	23	6.3	-	8.49	-	1.43	29	23	20	3	3	2	0	0	1	8	19	8	-	-	-	-	
	Black Mountain	21-9	969	5.9	1.4	3.7	-	8.8	12, 13	-2.4	30	-	-	3.13	-	.89	4	20	14	3	-	1	0	0	6	10	-	3	-	-	-	-	
	Lowtown ...	9 9	890	6.2	1.2	3.7	-	8.9	12, 14, 26	-2.2	23	5.9	-	6.54	-	1.38	4	21	17	3	3	3	0	0	4	9	17	1	1.94	-	-	-	-
	Ballypatrick Forest	9 9	500	7.4	2.4	4.9	-	10.0	13, 14	-2.2	23	-	-	5.71	-	.84	30	23	19	4	1	6	0	0	0	2	10	4	1.80	-	-	-	-
Down	Newtownabbey ...	9 9	105	8.7	3.5	6.1	-	11.7	12	-2.8	23, 24	7.0	-	3.73	-	.97	4	19	13	7	0	4	0	0									

TABLE IV

—SUMMARY OF OBSERVATIONS AT FIXED HOURS

NOVEMBER,

1966

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (ft.)		Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Yards and Miles)							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	0-44 yds.	45-210 yds.	220-430 yds.	440-1,000 yds.	1,100-2,190 yds.	2,200-4,390 yds.	3-8 mi.	7-12 mi.	13-24 mi.	25 or over mi.	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	
																										8 or more	9	10	11	12									
																										13	14	15	16	17									
Number of Observations																																							
0 SCOTLAND, N.																																							
Zetland		3	1009.0	-	4.0	0.8	7.1	89	6.0	1	2	6	11	10	0	0	0	0	0	0	1	5	4	17	3	2	5	12	10	1	6	2	2	0	2	9	3	5	
Lerwick		15	1008.6	+1.2	4.4	0.8	7.4	87	6.0	0	1	5	16	8	0	0	0	0	0	0	0	4	11	9	6	6	1	8	12	9	0	7	2	1	0	4	10	2	4
		21	1008.5	-	4.7	1.1	7.0	82	6.0	0	3	5	15	7	0	0	0	0	0	0	0	2	6	14	8	1	8	11	10	0	6	4	0	0	5	6	7	2	2
Orkney		3	1008.3	-	4.0	0.9	6.9	85	4.9	0	10	5	2	13	0	0	0	0	0	0	0	1	7	12	10	1	6	11	8	4	9	0	0	1	4	7	2	3	
Kirkwall		9	1010.3	-	4.9	1.2	7.1	81	5.4	0	5	7	11	7	0	0	0	0	0	0	0	2	3	24	1	2	5	12	10	1	7	1	1	1	7	5	2	5	
		15	1010.8	+2.9	4.8	1.0	7.3	84	6.3	0	0	6	19	5	0	0	0	0	0	0	0	0	3	17	10	1	8	12	8	1	6	1	0	0	6	7	6	3	
		21	1010.0	-	5.4	1.3	7.2	80	6.0	0	0	32	7	4	18	10	0	0	0	0	0	0	1	32	17	10	5	5	13	10	1	5	2	0	1	5	5	7	4
Caithness		3	1010.7	-	4.5	1.0	7.1	83	4.3	2	6	9	7	6	0	0	0	0	0	0	0	0	2	3	20	5	2	4	16	6	2	5	8	0	1	1	6	6	3
Wick		9	1010.8	+2.7	4.6	1.1	7.0	82	5.2	0	3	8	15	4	0	0	0	0	0	0	0	1	6	4	19	0	5	14	11	0	5	2	0	1	1	6	5	8	
		15	1010.3	-	5.2	1.2	7.3	82	5.2	0	2	8	15	5	0	0	0	0	0	0	0	2	5	12	11	0	3	16	11	0	6	2	0	1	5	6	9	1	
		21	1010.3	-	4.3	0.9	7.1	85	5.0	0	6	9	8	7	0	0	0	0	0	0	0	1	6	12	11	0	2	18	10	0	8	0	1	1	5	7	6	2	
Sutherland		3	1010.3	-	5.3	0.9	7.8	86	6.4	0	2	5	11	12	0	0	0	0	0	0	0	1	4	6	19	4	9	8	9	0	3	7	1	2	3	9	1	4	
Cape Wrath*		9	1010.6	-	5.5	1.1	7.5	83	6.6	0	2	5	11	12	0	0	0	0	0	0	0	1	3	7	19	3	10	8	9	0	3	5	1	3	2	9	3	4	
		15	1009.7	-	5.8	1.1	7.6	82	6.5	0	1	5	15	9	0	0	0	0	1	0	0	4	8	17	5	11	6	7	1	2	3	1	3	1	7	6	6		
		21	1009.6	-	5.8	1.1	7.7	83	6.0	0	2	9	10	9	0	0	0	0	0	0	0	1	4	24	5	8	8	9	0	2	6	1	2	3	6	6	4		
Ross & Cromarty		3	1012.6	-	4.6	0.8	7.5	87	4.6	4	5	6	8	7	0	0	0	0	0	0	0	3	8	16	3	1	4	12	12	1	8	0	1	0	4	11	2	3	
Stornoway		9	1012.9	+5.2	4.7	0.9	7.4	86	5.9	0	2	7	16	5	0	0	0	0	0	0	0	2	6	18	4	2	5	11	12	0	6	1	0	0	4	7	6	6	
		15	1011.9	-	5.8	1.0	7.9	85	5.3	0	4	7	17	2	0	0	0	0	0	0	0	4	6	11	9	1	7	11	10	1	8	0	0	2	3	6	6	4	
		21	1012.0	-	4.4	0.8	7.4	87	3.3	4	10	5	4	7	0	0	0	0	0	0	0	2	8	16	4	0	3	11	15	1	8	0	1	1	1	12	3	3	
Inverness		3	1013.3	-	5.5	1.0	7.7	83	5.2	1	3	10	11	5	0	0	0	0	0	0	0	3	7	11	9	2	8	16	3	1	6	0	1	1	6	4	5	6	
Benbecula		9	1013.5	+5.7	5.4	1.1	7.5	83	5.0	0	5	12	8	5	0	0	0	0	0	0	1	0	3	12	14	3	7	12	7	1	5	4	0	0	6	1	10	3	
		15	1012.6	-	6.9	1.5	7.8	78	5.0	0	5	11	13	1	0	0	0	0	0	0	0	2	5	13	10	3	8	11	7	1	5	3	0	1	2	1	11	6	
		21	1012.9	-	5.3	1.1	7.5	84	4.4	0	9	9	9	3	0	0	0	0	0	0	0	0	7	15	8	4	2	15	6	3	5	2	1	2	2	7	3	5	
1 SCOTLAND, E.																																							
Moray		3	1012.1	-	4.2	1.1	7.0	84	5.1	4	3	7	6	9	1	0	0	0	0	1	0	2	2	16	9	1	5	12	11	1	6	0	1	0	8	7	5	2	
Kinloss		9	1012.3	+3.5	4.5	1.1	7.1	83	6.4	0	1	5	22	2	0	0	0	0	0	0	1	2	7	12	8	0	9	9	12	0	6	2	2	0	3	7	9	1	
		15	1011.5	-	5.8	1.4	7.4	80	6.2	0	4	1	21	4	0	0	0	0	0	0	0	2	7	13	8	1	6	13	10	0	4	2	0	2	4	10	4	4	
		21	1011.6	-	4.4	0.9	7.2	86	5.2	2	7	2	13	6	0	0	0	0	0	0	0	3	8	14	5	0	5	14	10	1	5	0	1	1	5	13	2	2	
Aberdeen		3	1011.4	-	3.8	0.9	6.9	85	5.0	3	5	4	14	4	0	0	0	0	0	0	0	3	14	9	4	0	2	13	10	5	5	1	0	0	2	6	6	5	
Dyce		9	1011.5	+2.0	4.0	1.0	6.9	84	5.8	0	6	1	20	3	0	0	0	0	0	0	1	8	9	7	5	0	3	13	13	1	7	1	0	0	2	6	11	2	
		15	1010.9	-	5.4	1.4	7.1	78	6.1	0	4	2	21	3	0	0	0	0	0	0	1	9	10	5	6	2	2	14	11	1	7	0	0	1	4	5	6	6	
		21	1011.0	-	3.8	0.9	6.9	85	5.3	3	3	6	12	6	0	0	0	0	0	0	1	8	10	5	6	1	0	13	13	3	6	0	1	1	1	6	8	4	
Rattray Head *		3	1011.3	-	4.8	0.7	7.6	88	6.1	0	2	6	20	2	0	0	0	0	0	0	0	1	29	0	0	1	9	10	10	0	8	0	2	0	8	3	7	2	
		9	1010.9	+2.0	4.8	0.8	7.6	88	5.5	0	3	7	19	1	0	0	0	0	0	0	0	2	20	8	0	3	6	8	13	0	9	1	1	0	10	3	6	0	
		15	1010.4	-	6.0	1.1	7.9	84	5.3	0	3	9	17	1	0	0	0	0	0	0	0	1	20	9	0	3	5	12	10	0	8	0	0	1	7	1	11	2	
Angus		21	1010.9	-	4.8	0.9	7.5	87	5.7	0	4	4	20	2	0	0	0	0	0	0	0	0	30	0	0	1	5	13	10	1	7	0	1	1	8	3	7	2	
Usan		3	1011.6	-	4.5	1.1	7.0	82	4.3	0	9	2	11	4	0	0	0	0	0	0	0	0	4	6	20	0	1	17	12	0	8	0	2	0	0	5	9	6	
		9	1011.5	-	4.6	1.0	7.2	83	5.5	0	7	3	16	4	0	0	0	0	0	0	0	1	3	10	16	0	4	14	12	0	9	1	0	0	0	5	10	5	
		15	1011.0	-	6.2	1.5	7.4	77	5.8	0	3	6	16	5	0	0	0	0	0	0	0	3	3	7	17	0	7	10	13	0	9	2	0	0	2	5	11	1	
Fife		21	1011.1	-	4.6	1.1	7.1	83	4.3	4	9	2	9	6	0	0	0	0	0	0	0	2	3	8	17	0	2	14	14	0	8	1	0	2	0	3	11	5	
Leuchars		3	1012.1	-	3.8	0.9	7.0	85	4.2	4	10	1	9	6	0	0	0	0	0	0	1	2	10	8	8	0	1	15	13	1	5	0	1	0	0	12	8	3	
		9	1012.1	+2.2	4.2	0.9	7.2	85	5.0	0	6	4	16	4	0	0	0	0	0	0	1	6	7	9	0	2	11	11	3	7	1	1	0	0	0	11	4	3	
		15	1011.5	-	6.1	1.4	7.4	78	5.9	0	3	5	18	4	0	0	0	0	0	0	0	2	4	7	9	0	5	15	12	1	8	1	0	1	1	7	8	3	
		21	1011.6	-	4.1	0.9	7.0	84	5.1	3	6	2	11	8	0	0	0	0	0	0	0	3	6	5	12	4	0	3	14	11	2	7	0	0	1	0	11	6	3
Midlothian		3	1013.5	-	3.7	0.8	7.0	86	5.0	1	8	5	9	7	0	0	0	0	0	0	3	3	11	10	3	0	1	12	10	7	3	1	1	0	1	9	6	2	
Turnhouse		9	1013.4	+3.0	4.3	1.0	7.2	84	5.5	0	6	4	16	4	0	0	0	0	0	1	10	10	1	7	0	1	11	13	5	4	3	0	0	0	9	6	3		
		15	1012.8	-	6.3	1.4	7.6	78	6.0	0	4	3	17	6	0	0	0	0	0	0	2	7	14	3	4	0	3	11	15	1	4	5	1	0	0	6	8	5	
		21	1013.0	-	4.																																		

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS NOVEMBER, 1966

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (ft.)		Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Yards and Miles)										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	0-44 yds.	45-210 yds.	220-430 yds.	440-1,090 yds.	1,100-2,190 yds.	2,200-4,390 yds.	3-6 mi.	7-12 mi.	13-24 mi.	25 or over mi.	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	22/23	11/21	1-10	0										
Number of Observations																																								
2 ENGLAND, N.E.																																								
Northumberland Acklington	151 ft.	3	1012.7	-	4.9	0.9	7.6	86	4.8	6	4	3	8	9	0	0	0	0	0	0	0	1	3	11	12	3	0	3	10	17	0	7	2	1	0	3	6	6	5	
		9	1012.5	+1.8	5.1	0.8	7.8	86	5.3	0	7	4	15	4	0	0	0	0	0	0	0	1	8	9	9	3	0	4	11	15	0	7	1	2	0	3	7	7	3	
		15	1011.8	-	6.7	1.4	7.9	80	5.6	0	5	7	12	6	0	0	0	0	0	0	0	2	2	10	7	9	1	2	18	8	1	7	4	1	0	2	5	9	1	
		21	1012.2	-	5.1	0.8	7.7	87	5.1	2	7	3	7	11	0	0	0	0	0	0	0	2	5	13	9	1	0	4	10	15	1	3	5	0	0	3	8	7	3	
		3	1013.3	-	5.8	0.9	8.0	85	5.0	4	3	7	8	7	1	0	1	0	0	0	0	0	0	4	13	12	0	1	7	13	9	0	5	2	1	1	2	4	11	3
Tynemouth	130 ft.	3	1013.2	+2.0	6.0	1.0	8.1	86	5.8	2	1	7	11	9	0	0	0	0	0	0	0	3	8	10	6	0	0	7	13	10	0	5	3	2	0	2	4	12	1	
		9	1012.5	-	7.3	1.4	8.2	79	5.7	0	3	8	12	7	0	0	0	0	0	0	2	3	9	11	5	0	1	4	16	8	1	5	5	2	0	2	3	12	1	
		15	1012.7	-	6.5	1.0	8.3	85	4.8	4	5	7	7	7	0	0	0	0	0	0	1	1	6	17	3	0	2	5	12	10	1	5	4	2	1	0	4	12	1	
		21	1012.8	-	5.8	1.3	7.5	80	5.0	2	7	5	7	9	0	0	0	0	0	0	0	0	5	13	11	0	0	4	8	16	2	6	1	1	2	1	12	3		
		3	1012.4	-	5.9	1.1	7.8	83	5.3	0	5	7	15	3	0	0	0	0	0	0	0	0	1	5	13	7	4	0	4	8	18	0	3	5	3	0	2	1	12	4
Seahouses	41 ft.	9	1011.7	-	7.2	1.7	7.8	75	5.3	0	5	9	12	4	0	0	0	0	0	0	0	1	4	14	2	8	0	4	8	18	0	3	5	3	0	2	1	12	4	
		15	1012.0	-	6.1	1.4	7.5	78	5.0	1	7	7	8	7	0	0	0	0	0	0	0	0	4	13	13	0	0	5	10	14	1	4	6	1	1	2	13	1		
		21	1013.5	-	4.8	0.9	7.4	85	4.5	6	5	5	6	6	2	0	1	1	1	1	2	2	12	6	4	0	5	1	8	19	2	11	0	1	1	6	0	6	3	
		3	1013.6	-	5.1	1.0	7.5	84	5.7	0	5	4	16	3	2	0	2	0	0	0	0	3	10	5	3	7	0	3	10	15	2	8	1	1	0	6	3	4	5	
		9	1012.7	-	7.4	1.7	7.8	76	5.6	0	5	7	13	5	0	0	0	0	0	0	1	0	3	6	10	5	5	0	2	16	10	2	4	6	0	1	3	1	6	7
Yorks, N. Riding Leeming	109 ft.	15	1013.1	-	5.2	1.0	7.5	84	5.4	2	6	4	7	10	1	0	1	0	1	0	5	6	4	7	6	0	2	8	17	3	8	2	0	2	3	2	9	1		
		3	1012.8	-	6.0	0.8	8.4	88	5.7	1	5	2	18	3	1	0	0	0	0	0	0	0	6	15	7	1	3	6	13	8	0	4	1	0	1	11	5	4		
		9	1012.2	-	7.4	1.1	8.8	85	5.9	0	5	4	15	6	0	0	0	0	0	0	0	0	0	15	7	0	2	4	12	12	0	3	5	2	2	5	9	2		
		15	1013.4	-	4.8	0.8	7.6	87	5.4	3	4	6	6	10	1	0	1	1	0	1	4	11	4	6	2	0	1	11	17	1	5	3	1	0	2	6	7	5		
		3	1013.4	+1.4	5.2	0.9	7.7	86	5.7	1	4	5	13	6	1	0	1	1	0	1	5	6	7	6	3	0	1	14	11	4	3	2	1	0	3	5	7	5		
Yorks, E. Riding Leconfield	28 ft.	9	1012.6	-	7.2	1.2	8.5	82	6.0	0	3	4	17	6	0	0	0	0	0	0	0	2	6	4	10	7	1	0	2	16	11	1	6	3	1	2	3	2	9	3
		15	1013.1	-	5.4	0.9	7.8	86	5.4	3	5	3	9	10	0	0	0	0	0	0	1	2	4	7	10	4	1	0	3	12	13	2	5	2	0	1	3	4	10	3
		21	1013.4	-	6.0	1.0	8.3	88	5.9	3	1	6	7	13	0	0	0	0	0	0	2	0	0	7	21	0	0	0	3	8	12	6	1	2	4	4	1	4	6	7
		3	1013.5	+1.4	6.1	1.0	8.1	86	6.1	2	0	5	13	10	0	0	0	0	0	0	2	0	3	5	20	0	0	2	9	13	6	0	3	6	1	2	0	4	7	7
		9	1012.7	-	7.6	1.1	8.9	84	6.5	0	0	7	10	13	0	0	0	0	0	0	0	0	3	6	21	0	0	2	10	12	6	0	5	0	4	2	3	10	3	
Lincoln Waddington	51 ft.	15	1013.2	-	6.4	0.9	8.4	87	5.0	4	4	7	3	12	0	0	0	0	0	0	0	1	0	5	23	0	0	4	10	7	8	1	3	1	4	1	2	4	8	6
		3	1013.7	-	4.3	0.5	7.6	91	5.4	5	3	3	6	11	2	0	1	1	4	1	3	9	4	5	2	0	1	11	18	0	4	4	0	1	1	7	9	4		
		9	1013.9	+1.1	4.6	0.7	7.7	89	6.0	0	4	5	12	7	2	0	2	0	2	3	4	10	5	4	0	0	1	14	15	0	8	0	1	2	1	8	4	6		
		15	1013.1	-	6.5	1.0	8.4	85	6.1	0	4	3	15	7	1	0	0	0	0	3	1	4	15	5	2	0	0	0	17	13	0	8	1	1	2	1	8	5	4	
		21	1013.7	-	4.8	0.6	7.8	90	5.8	3	2	3	12	10	0	0	0	0	0	0	3	2	3	7	6	5	4	0	2	13	15	0	4	4	0	1	3	5	7	
Binbrook	356 ft.	3	1013.4	-	4.2	0.6	7.5	90	5.9	3	2	3	12	10	0	0	0	0	0	0	0	2	3	7	6	5	4	0	2	13	15	0	4	4	0	1	3	5	7	
		9	1013.6	-	4.5	0.8	7.5	87	6.1	1	2	5	15	6	1	0	1	1	0	0	2	5	8	11	1	1	0	1	18	11	0	3	3	0	1	8	8	4		
		15	1012.8	-	6.3	1.1	8.0	83	5.9	0	2	7	15	6	0	0	0	0	0	0	0	2	3	16	6	1	2	0	3	16	11	0	4	2	3	2	4	5	6	4
		21	1013.3	-	4.7	0.8	7.6	88	5.2	5	3	4	7	11	0	0	0	0	0	0	2	1	3	13	8	2	1	0	2	14	11	3	2	1	4	3	8	4		
		3	1012.9	-	5.1	0.7	7.9	89	6.1	4	0	3	9	14	0	0	0	0	0	0	1	3	4	9	7	6	0	0	3	8	18	1	5	3	0	1	0	4	10	6
Manby	47 ft.	9	1013.1	+0.4	5.2	0.7	8.0	89	6.0	0	4	5	15	5	1	0	1	0	0	0	3	3	7	11	5	0	0	1	13	15	1	2	4	0	3	2	3	8	7	
		15	1012.3	-	7.3	1.1	8.8	85	6.3	0	3	15	9	0	0	0	0	0	0	0	0	1	2	14	9	3	1	0	2	14	14	0	2	3	1	3	1	6	7	
		21	1012.8	-	5.1	0.6	8.0	89	5.0	3	3	8	8	8	0	0	0	0	0	0	2	3	2	12	8	3	0	0	2	15	10	3	2	2	3	1	2	3	10	4
3 ENGLAND, E.																																								
Norfolk Marham	79 ft.	3	1013.6	-	4.7	0.6	7.8	90	4.8	6	3	5	5	10	1	0	1	2	2	1	4	8	11	1	0	0	1	5	23	1	7	2	1	1	4	2	8	5		
		9	1013.9	+0.6	5.1	0.8	7.9	89	6.0	0	4	5	14	5	2	0	2	1	2	1	2	13	6	3	0	0	0	0	8	21	1	6	0	2	1	7	1	7	5	
		15	1013.1	-	7.0	1.1	8.6	85	6.2	1	2	4	15	8	0	0	0	0	1	1	1	12	9	5	0	0	0	0	9	20	1	5	4	2	1	5	4	6	2	
		21	1013.7	-	5.2	0.7	8.0	89	5.0	3	6	5	5	11	0	0																								

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

NOVEMBER,

1966

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (ft.)		Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Yards and Miles)										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	0-44 yds.	45-210 yds.	220-430 yds.	440-1,000 yds.	1,100-2,100 yds.	2,200-4,300 yds.	3-6 mi.	7-12 mi.	13-24 mi.	25 or over mi.	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
																										SPEED IN KNOTS												
																										0-5	6-7	8-9	10-11	12-13								
																										0	1-10	11-21	22-33	34 or more								
Number of Observations																																						
4 MIDLAND COUNTIES—cont.																																						
Finningley	46 ft.	3	1013.8	-	4.7	0.7	7.6	89	5.2	5	4	2	8	3	2	0	1	2	1	1	11	8	4	0	0	2	5	19	4	5	1	1	1	3	2	8	5	
		9	1013.9	+1.6	5.2	0.9	7.7	86	5.8	1	4	4	12	8	1	0	0	0	2	4	3	9	10	2	0	0	2	7	21	0	6	1	1	1	6	3	5	7
		15	1013.1	-	7.3	1.3	8.4	81	5.9	0	4	6	13	7	0	0	0	1	0	2	5	12	10	0	0	0	3	13	13	1	8	0	2	1	3	3	4	5
Northampton	219 ft.	3	1013.6	-	5.5	0.9	7.8	86	5.3	4	3	4	9	8	2	0	1	1	0	2	7	13	5	1	0	0	2	11	15	2	3	1	1	1	3	1	13	5
		9	1014.0	-	4.2	0.6	7.6	91	5.6	4	2	3	11	10	0	0	1	0	2	3	1	12	6	4	1	0	2	9	19	0	8	2	0	1	2	7	8	2
		15	1014.2	+1.1	4.9	0.8	7.7	87	6.1	1	2	6	14	6	1	0	1	0	2	2	3	7	10	4	1	0	2	12	15	1	8	1	1	1	0	5	8	5
Wittering	219 ft.	3	1013.3	-	7.0	1.3	8.2	81	6.1	0	4	4	14	8	0	0	0	0	0	1	2	10	14	3	0	0	2	14	14	0	8	1	2	2	3	4	7	3
		9	1014.0	-	5.0	0.8	7.7	88	4.9	4	6	4	5	10	1	0	0	0	2	2	5	8	11	2	0	0	2	12	15	1	5	3	0	2	2	3	10	6
		15	1015.1	+1.8	4.5	0.7	7.6	89	5.6	1	3	7	11	7	1	0	0	1	1	5	5	15	3	0	0	0	2	3	25	0	5	1	1	1	4	4	7	7
Edghaston	542 ft.	3	1014.1	-	6.6	1.3	8.0	80	6.2	0	1	6	16	7	0	0	0	1	3	5	16	5	0	0	0	1	10	19	0	7	0	1	3	3	4	7	5	
		9	1014.9	-	5.3	0.8	7.8	87	5.4	3	4	4	10	8	1	0	1	0	1	0	6	14	7	1	0	0	1	10	19	0	4	1	2	1	5	3	7	7
		15	1014.9	-	3.9	0.5	7.5	91	5.4	4	3	4	8	11	0	0	0	1	2	5	7	11	3	1	0	0	2	6	17	5	5	2	1	0	1	7	3	6
Elmdon	362 ft.	3	1015.1	-	4.5	0.7	7.6	89	6.1	0	4	5	10	9	2	0	0	0	2	3	9	13	3	0	0	1	10	16	3	7	1	2	1	2	3	5	6	
		9	1014.0	-	6.8	1.2	8.2	82	6.6	0	1	5	13	11	0	0	0	0	0	1	10	15	4	0	0	1	13	14	1	8	1	1	1	3	6	4	5	
		15	1014.9	-	4.9	0.8	7.6	87	5.6	3	3	4	11	8	1	0	1	0	2	6	9	10	2	0	0	2	8	17	3	4	3	1	2	1	3	9	4	
Shropshire	249 ft.	3	1015.1	-	4.6	0.6	7.7	90	5.6	2	5	4	8	11	0	0	1	1	0	8	5	4	10	1	0	2	10	16	2	9	0	2	0	2	7	5	3	
		9	1015.3	-	4.8	0.7	7.7	89	6.3	0	3	3	15	8	1	0	1	0	2	1	10	7	8	1	0	2	13	13	2	9	0	1	1	3	4	7	3	
		15	1014.4	-	6.9	1.2	8.3	82	6.5	0	1	4	19	6	0	0	0	1	0	1	12	6	10	0	0	2	13	14	1	7	0	1	1	2	2	7	9	
Worcester	117 ft.	3	1015.0	-	4.9	0.7	7.8	89	6.2	2	1	3	15	9	0	0	1	0	1	6	7	3	10	1	0	1	10	14	5	6	2	1	0	1	6	7	2	
		9	1015.1	-	3.9	0.5	7.6	92	5.5	4	5	1	5	11	4	3	1	0	0	2	5	8	5	3	3	0	2	9	14	5	7	4	1	0	2	8	1	2
		15	1015.3	-	4.6	0.7	7.7	90	5.8	1	5	3	9	12	0	0	1	0	2	1	4	8	6	4	2	0	2	10	13	5	9	2	2	1	1	4	4	5
Hereford	226 ft.	3	1014.3	-	7.4	1.4	8.4	81	6.3	0	2	6	13	9	0	0	0	1	1	5	11	6	3	3	0	0	1	20	8	1	5	3	2	1	2	7	4	5
		9	1015.1	-	5.2	0.8	7.8	88	5.9	2	3	4	8	12	1	0	1	0	3	1	2	11	5	6	1	0	1	9	15	5	4	4	1	2	2	5	5	2
		15	1015.3	+1.9	5.1	0.9	7.6	86	6.2	1	4	2	10	13	0	0	1	0	1	2	2	11	0	13	0	0	5	23	2	7	2	2	1	2	6	8	0	
Ross-on-Wye	226 ft.	3	1014.3	-	7.4	1.5	8.2	79	6.5	0	3	12	12	0	0	0	1	0	0	2	13	4	9	1	0	0	3	26	1	8	1	1	1	1	2	5	6	5
		9	1015.1	-	5.4	0.8	7.9	87	4.9	3	7	4	3	11	2	0	3	0	0	0	3	11	0	12	1	0	0	6	19	5	6	1	1	1	2	8	5	1
		15	1015.6	-	5.0	0.6	8.0	90	4.6	7	5	2	8	7	1	0	1	1	0	2	3	14	7	2	0	0	1	9	16	4	7	1	0	1	4	5	5	3
Filton	197 ft.	3	1015.8	+1.9	5.1	0.7	8.0	89	5.8	2	2	7	8	11	0	0	1	0	2	3	11	6	3	2	0	0	7	19	4	7	3	1	1	3	3	6	2	
		9	1014.9	-	7.8	1.4	8.6	80	6.2	0	2	7	13	8	0	0	0	1	0	3	12	9	4	1	0	1	10	17	2	8	1	0	2	1	7	5	4	
		15	1015.7	-	5.9	0.9	8.1	87	4.7	6	5	3	5	10	1	0	1	0	0	2	5	13	8	0	1	0	0	9	18	3	5	1	0	1	2	4	10	4
Gloucester	79 ft.	3	1015.6	-	4.9	0.8	7.7	88	5.3	5	3	4	6	11	1	0	2	1	1	3	12	7	3	0	0	0	6	12	12	3	3	1	0	0	9	1	1	
		9	1015.7	-	5.2	0.8	7.8	87	6.4	1	1	4	13	10	1	0	1	0	3	3	5	7	8	2	1	0	0	8	17	5	3	4	1	0	5	4	4	4
		15	1014.9	-	7.8	1.5	8.4	79	6.8	0	3	1	15	11	0	0	0	0	1	1	8	9	5	3	3	0	0	10	18	2	9	3	1	0	4	6	3	2
Little Rissington	751 ft.	3	1015.6	-	5.8	1.0	8.0	86	5.2	3	5	5	4	12	1	1	0	1	2	7	12	6	1	0	0	0	4	22	4	6	1	1	2	3	6	5	2	
		9	1014.9	-	3.9	0.5	7.5	92	5.3	6	2	3	6	12	1	0	3	1	0	5	1	13	4	1	2	0	1	7	20	2	7	3	1	0	0	7	8	2
		15	1015.2	+1.5	4.0	0.5	7.5	90	5.9	0	6	3	10	11	0	0	0	2	1	1	2	12	5	4	3	0	1	9	18	2	10	1	1	2	0	7	5	2
21	1014.2	-	5.9	1.1	7.8	83	6.8	0	2	2	16	10	0	0	0	0	0	0	1	5	14	5	3	2	0	0	15	15	0	9	2	2	1	2	7	4	3	
21	1015.0	-	4.3	0.6	7.6	90	4.5	6	3	7	4	10	0	0	0	1	1	0	4	14	8	1	1	0	0	2	7	17	4	5	4	0	1	1	3	6	6	
5 ENGLAND, S.E.																																						
Greater London	86 ft.	3	1014.6	-	4.9	0.7	7.8	89	5.5	3	4	5	7	10	1	0	1	0	1	4	9	7	6	1	0	0	2	6	20	2	7	3	0	1	4	5	5	3
		9	1014.7	-	5.4	0.9	7.9	86	5.8	0	5	4	13	6	2	1	1	1	0	1	3	7	11	4	1	0	0	13	15	2	7	3	0	1	4	5	5	3
		15	1013.9	-	7.7	1.7	8.1	76	6.5	0	2	5	12	10	1	0	1	0	0	0	2	11	13	3	0	0	0	2	19	8	1							

TABLE VIII—NUMBER OF DAYS IN NOVEMBER, 1966
WITH MAXIMUM AND MINIMUM TEMPERATURES between given limits.

STATION	MAXIMUM TEMPERATURE °C.								STATION	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		0-0 or less	-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	Above 10-0
Lerwick	0	7	23	0	0	0	0	0	Edgbaston	0	5	23	2	0	0	0	0
Stornoway	0	2	26	2	0	0	0	0	Kew	0	1	20	8	1	0	0	0
Craibstone	0	10	20	0	0	0	0	0	Hastings	0	1	21	8	0	0	0	0
Rothsay	0	1	24	5	0	0	0	0	Southampton	0	0	18	12	0	0	0	0
Renfrew	0	3	21	6	0	0	0	0	Stonyhurst	-	-	-	-	-	-	-	-
Eskdalemuir	0	8	22	0	0	0	0	0	Bidston	0	1	24	5	0	0	0	0
Douglas	0	1	23	6	0	0	0	0	Valley	0	0	21	9	0	0	0	0
Cockle Park	0	4	21	5	0	0	0	0	Falmouth	0	0	17	13	0	0	0	0
Gorleston	0	1	25	4	0	0	0	0	Aldergrove	0	3	24	3	0	0	0	0
Cambridge	0	2	22	5	1	0	0	0	Armagh	0	3	21	6	0	0	0	0

TABLE XIII—SOLAR RADIATION AND ILLUMINATION, NOVEMBER, 1966

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	76	7	10	21,30	37.6	30	51	3	10	21,30	29.8	30	82	7	12	21	43.3	30
Eskdalemuir	144	9	13	13	77.5	30	91	2	13	13	47.7	30	158	9	16	13	84.2	30
Cambridge	162	2	33	15	87.8	30	106	1	33	15	60.1	30	-	-	-	-	-	-
London (High Holborn) ..	168	2	20	5	79.6	30	96	11	15	5	56.1	30	179	2	25	5	90.5	30
Kew	174	2	23	15	83.5	30	96	11	23	15	59.6	30	179	2	29	15	93.1	30
Bracknell (Easthampstead) ..	188	2	22	15	88.6	30	103	11	22	15	62.8	30	191	2	28	15	96.5	30
Aberporth	141	1	19	6	75.2	30	98	1	21	6	59.5	30	-	-	-	-	-	-

TABLE III—ADDITIONS AND CORRECTIONS

YEAR	MONTH	STATION	Max. Terminal hr. GMT Min. 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		Mean Temperatures (Mean of A & B)	Difference from Average °	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (inches)	Per cent of Average %	MOST IN A DAY		Precip'n or more -0.01 in (0.2mm) or more -0.01 in (1.0mm) or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost†	Grass min. below °C	Gale	Daily Mean (hr.)	Per cent of Average %	Exposure		
									Maximum	Date	Minimum	Date					Amount (inches)	Date															
					A Max.	B Min.									1 ft.	4 ft.																	
1964	May	Mertoun			19.2	10.2	14.7	-0.2	23.3	14	6.7	1.2	-	-	1.22																		
1965	June	Hampstead			18.8	10.6	14.7	-2.0	22.8	14	5.6	4	-	-	1.79	97	.55	21	14	8	-	-	-	-	0	0	-	5.93	85	-	-	-	
	July				20.1	11.6	15.9	-0.6	26.7	12	8.3	1,30	-	-	4.68	177	1.59	20	17	16	-	-	-	-	0	0	-	3.89	63	-	-	-	
	August				16.9	8.3	12.6	-1.6	20.6	21,22	3.9	9	-	-	2.05	85	.67	2	12	9	-	-	-	-	0	0	-	5.86	101	-	-	-	
	September				15.5	7.1	11.3	+1.0	23.3	7	3.9	13,23	-	-	4.40	195	1.04	3	17	13	-	-	-	-	0	0	-	4.19	89	-	-	-	
	October				7.6	1.8	4.7	-1.9	14.4	1	-4.4	15	-	-	.81	31	.35	14	4	4	-	-	-	-	0	2	-	4.35	136	-	-	-	
	November												-	-	2.69	95	.44	19	19	14	-	-	-	-	10	17	-	3.12	178	-	-	-	
		Letchworth													2.45																		
		Fernhurst				1.5																											
	Annual	Whitby													25.57	98		197	148									3.65	95	-	-	-	
		Letchworth													24.97																		
		Acklington																															
		Lerwick													44.77	100													6.88				
1966	May	Elmdon																															
		Preston Wynne				5.7	10.8																										
	June	Rugby			19.9	10.7	15.3	+0.9	25.6	9																							
		Aylesbury			20.3	10.6	15.5																										
		Oswestry			18.1	11.1	14.6	-	22.8	15	5.0	1			1.78		.26	10	19	15													
		Mackworth													2.72		.54	22															
		Swanley													2.56																		
	March	Ness Gardens				3.7	6.7				-1.7	19			2.56		.44	21	18	12													
	April	Lurgan Cemetery													1.59				17														
	July	Lurgan Cemetery																															
		Armagh											15.8		2.87	98				13													
		Houghall													2.21	84																	
	August	Aylesbury											15.7		4.04	157				16	12												
		Hull																															
		Glenanne																															
		Stansted Abbots													(2.89)		(1.00)																
		Houghall													(4.26)	147																	
		Kirkham													101																		
	September	Letchworth													(1.17)	61	(.39)	30															
		Cleethorpes													.98	53	.24	30	10	6													
		St. James's Park													64	.36																	

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Printed in England for H.M. Stationery Office by Keyswift Ltd., Edgware. Dd. 125625 K.12. 2/67. Gp. 1708. 72-7-66-11.

Monthly Weather Report

OF THE METEOROLOGICAL OFFICE

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

Volume 83 Number 12

Published by HER MAJESTY'S STATIONERY OFFICE

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December 1966 — *Wet, mild in the south but cold in northern Scotland*

Weather was mainly cyclonic in character apart from a few minor anticyclonic interludes of one or two days duration, widely dispersed throughout the month.

An exceptionally deep depression brought severe gales to most parts of the British Isles on the 1st as it moved eastwards across southern Scotland. Rain was widespread and heavy at times with falls exceeding one inch in parts of Scotland and south-west England, but gradually gave place to showers, which fell as snow in the north, as winds veered towards the north during the night, in the rear of the depression. Gusts of 84 kt were recorded at places as far apart as Ronaldsway and the Lizard, and snow lay 9 inches deep in parts of the northern Pennines. Cold northerly winds on the 3rd and early on the 4th brought wintry showers to most districts, and snow accumulated to a depth of 1-2 inches in parts of the Midlands, but as the depression filled and moved towards Scandinavia the gales gradually moderated, and on the 4th, which was a generally sunny day, winds slowly backed towards the west during the afternoon, as a ridge of high pressure from the Atlantic moved across southern England.

Temperature rose rapidly on the 5th, as fronts, associated with a deep depression near Greenland, moved across the country bringing rain to all districts. This was the beginning of a period of unsettled, rather mild weather which continued over the country until the 12th, but there was snow in the north, and elsewhere heavy rain at times, especially in North Wales where falls exceeded 2 inches on the 9th.

The mild spell was temporarily broken on the 13th, and winds became mainly light and variable the next day. Night frost was severe in Scotland, temperature falling to -10°C in parts of Perthshire around dawn on the 14th. Glasgow had freezing fog for much of that day.

On the 15th winds backed towards the south as a trough of low pressure moved east across the country bringing a return to mild unsettled weather which lasted for several days. On the 17th a depression near the Faroes deepened considerably as it moved towards Scandinavia. Wind reached gale force in many northern districts and rain was unusually heavy in parts of northern and western Scotland many places recording more than 4 inches in 24 hours—Dalness, Glen Etive reported nearly 8 inches. Strong to gale force north-westerly winds brought temporarily colder showery weather with sunny periods to Scotland and Northern Ireland on the 18th, but in the south it remained dull and wet. A small depression deepened as it moved south-eastwards across Scotland and northern England bringing sleet and periods of heavy rain to many northern districts on the 19th with rainfall locally exceeding 1 inch.

The mild spell was brought to an end on the 20th by north-westerly winds associated with an anticyclone which became established to the west of Ireland. Scotland and Northern Ireland had bright periods and wintry showers on the 20th, but fronts moving across the country in the north-westerly airstream gave longer periods of rain on the 21st and 22nd. A deep depression skirting the north coast of Scotland brought north-westerly gales and wintry showers to many northern districts on the 23rd, while a slow-moving front gave rain, heavy at times, over most of southern England both on the 23rd and 24th. A ridge of high pressure moving across the country then brought sunny periods to most districts—indeed, London had its sunniest Christmas day of the century—but snow showers continued in the north. Most places in Scotland had a white Christmas, and snow lay 1-2 inches deep in many parts of northern England also on the 25th and 26th.

Troughs of low pressure moving eastwards across the country brought generally dull wet weather on the 27th and 28th, and it was exceptionally mild in southern England on the 29th, with afternoon temperatures reaching 14°C in places, as a small disturbance accompanied by periods of rain and thundery showers, moved eastwards across the area. The 30th was sunny in many eastern districts, but rain from the Atlantic reached western districts during the evening, spread over the whole country during the night and persisted in south-east England for much of the 31st.

Pressure and Wind—The depression of the 1st, with a central pressure of 943 mb, was one of the deepest depressions to cross the British Isles during the last 15 years. Over the month as a whole mean pressure was below the 1931-60 average everywhere, the deficit at 09 hr

ranging from 10.2 mb at Lerwick to 0.2 mb at Scilly. Surface wind, mostly north-westerly at first became generally south-westerly on the 4th and then generally west to north-west from the 6th until the 25th except for southerly winds on the 15th. Winds were west to south-west during the last six days of the month. In Scotland wind reached gale force on 21 days and gales were fairly widespread on the 1st, 2nd, 17th, 18th and 23rd. A gust of 87 kt was reported from Lerwick on the 23rd. In England and Wales gales were reported on 14 days and were widespread on the 1st and 2nd.

Temperature—Mean temperatures were below the 1931-60 average over Scotland and northern England but above average over the southern part of the United Kingdom. At Cardiff it was 2.4°C above the average. The 5th-12th, 15th-20th and 27th-30th were rather mild periods, and there was a cold spell in most districts around the 24th. Extremes included: (England and Wales) 14.4°C at Bletchley on the 30th, -10.0°C at Moor House on the 14th; (Scotland) 13.5°C at Dyce and St. Abbs Head on the 17th, -13.3°C at Carnwath on the 25th; (Northern Ireland) 13.0°C at Moneydig on the 17th, -7.2°C at Parkmore Forest on the 25th.

Rainfall—In England and Wales rainfall was below average over north Lincolnshire, the East and North Ridings of Yorkshire and over Durham, Gloucester, Hereford and the south-western parts of Worcestershire and Shropshire. It was more than twice the average over parts of Staffordshire, Denbigh and Cardigan. In Scotland rainfall was around average in Dumfriesshire and some central districts. It was more than twice the average over much of the north-west and three times the average over parts of Ross and Cromarty, much of this falling during the heavy rain of the 16th and 17th.

Snow was reported in Scotland on most days during the month, and melting snow contributed to severe flooding on the 16th and 17th. In England and Wales it was observed on 18 days, and ground was snow-covered on the 4th in many parts of the Midlands and south-east England, and on the 24th and 25th in many parts of northern England.

Thunderstorms occurred on 13 days in Scotland being most widespread on the 8th and 31st. In England and Wales they were widespread on the 29th, and thunder was also heard on the 1st, 3rd, 8th, 13th and 24th.

Sunshine—In Scotland sunshine was mostly above average in the east and south, and in a belt extending westwards to Skye. In the extreme south-west, and over most of the west and north it was below average. In England and Wales sunshine was generally below average in the east and south-east, but in parts of the Midlands and north-east England it was considerably above, being about twice the average at Huddersfield and Tynemouth.

Fog—Fog at 09 hr was observed at one place or another in Scotland on 9 days, and in England and Wales on 21 days. Onecote reported morning fog on as many as 13 days.

Miscellaneous Phenomena—The Aurora was visible in Scotland on 4 nights.

TABLE I—DISTRICT VALUES, DECEMBER, 1966

DISTRICTS	AIR TEMPERATURE					EARTH TEMP.		RAIN DAYS	RAIN-FALL	SUN-SHINE
	*Highest Max.	*Lowest Min.	Max.	Min.	Mean	Mean 1 ft.	Mean 4 ft.			
	Difference from Average							% of Average		
0 SCOTLAND, N.	12.0	-5.7	-1.1	-1.4	-1.2	-	-	+5	188	88
1 SCOTLAND, E.	12.8	-5.0	-1.0	-0.7	-0.8	-0.8	-0.6	+2	137	116
2 ENGLAND, N.E.	12.2	-3.9	0	-0.8	-0.4	+0.1	-0.1	+1	96	129
3 ENGLAND, E.	12.8	-5.0	+0.7	-0.1	+0.3	+0.2	-0.2	+7	137	77
4 MIDLANDS	12.8	-3.3	+1.1	+0.8	+0.9	+0.3	-0.1	+5	125	115
5 ENGLAND, S.E.	13.9	-6.1	+1.5	+0.4	+0.9	+0.2	-0.5	+4	112	78
6 SCOTLAND, W.	11.8	-7.1	-0.3	-0.4	-0.4	-0.3	-0.1	+6	134	119
7 ENGLAND, N.W. and N. Wales	12.8	-6.1	+0.3	+0.5	+0.4	+0.2	+0.3	+6	149	108
8 ENGLAND, S.W. and S. Wales	13.3	-1.1	+1.2	+1.1	+1.2	+1.1	-0.4	+6	99	91
N. IRELAND	13.0	-3.4	+0.3	0	+0.1	-	-	+6	149	94
SCOTLAND	12.8	-7.1	-0.8	-0.8	-0.8	-	-	+4	154	108
ENG. and WALES	13.9	-6.1	+0.8	+0.3	+0.5	-	-	+5	123	100

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

Meteorological Office: DR. B. J. MASON, F.R.S., Director-General

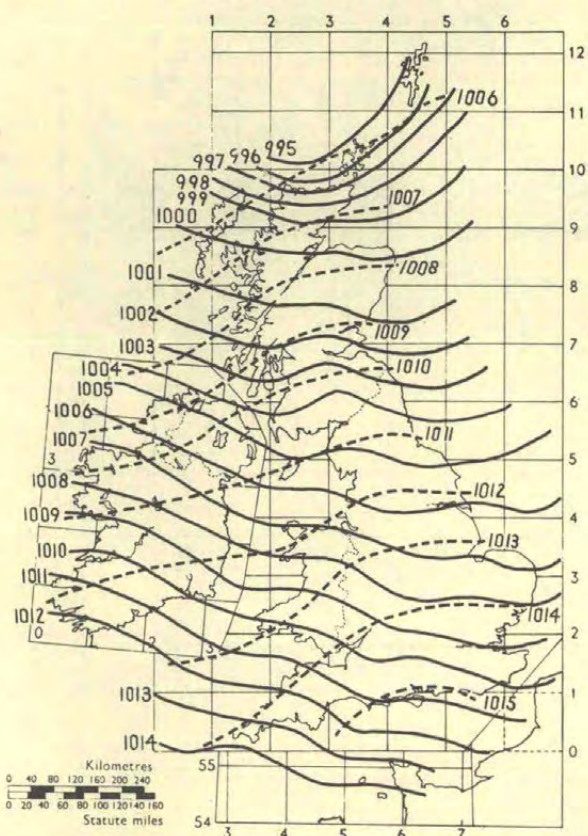
TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— DECEMBER, 1966

DISTRICT COUNTY AND PLACE			HEIGHT OF VANE IN FEET			DISTRIBUTION OF MEAN HOURLY 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	Zetland	Lerwick	304	33	33	1, 2, 7, 8, 15, 17, 18, 23, 24	36	25	254	287	126	41	0	18.4	320	52	23 16	300	87	23	1440	
	Orkney	Kirkwall	134	50	33	1, 2, 15, 17, 18, 23, 24	42	23	172	353	143	34	0	17.2	270	47	23 10	310	76	23	1220	
	Caithness	Dounreay	110	39	30	2, 9, 15, 17, 18, 23	34	25	234	364	94	18	0	18.5	280	48	23 11	280	69	23	1045	
	Sutherland	Shin	78	33	33																	
	Ross & Cromarty	Stornoway (C'Guard)	120	40	36	1, 2, 5, 7-9, 15-18, 23, 25, 26, 28	122	29	230	292	59	41	0	21.3	280	47	23 10	280	73	23	0920	
	Inverness	Duirinish	125	65	55																	
		Benbecula	52	39	33	1-3, 8, 9, 14, 15, 17, 18, 23	78	24	230	329	102	5	0	20.5	360	51	2 01	360	77	2	0055	
		Fort Augustus	189	53	53	-	0	3	6	168	287	276	7	6.7	230	23	18 01	230	47	18	0025	
		(N.S.H.E.B)																				
1	Moray	Kinloss	57	41	41	2, 18, 23	16	13	94	386	233	15	0	14.5	350	39	2 05	270	69	18	0435	
		Lossiemouth	101	80	60	9, 23	5	12	100	374	236	29	0	13.7	270	37	23 11	280	70	23	1115	
	Aberdeen	Dyce	234	30	30	-	0	12	50	420	211	63	0	12.4	340	29	2 14	270	52	23	1050	
	Angus	Bell Rock	128	131	124																	
	Perth	Rannoch	1006	56	57	f																
		Tummel Bridge	528	53	53	-	0	3	8	125	310	294	7	6.0	290	24	23 04	290	54	23	0305	
	Fife	Leuchars	78	40	40	17	1	11	85	361	249	48	0	12.9	240	36	17 20	240	55	17	1935	
	Midlothian	Turnhouse	137	40	33	17	2	8	61	329	284	68	0	11.5	240	36	17 18	240	58	17	1745	
		Edinburgh, Blackford Hill	496	50	34	7, 17, 18	18	17	124	410	156	36	0	15.2	230	43	17 20	230	72	17	1925	
6a	Argyll	Tiree	89	60	47	1-3, 8, 9, 11, 12, 14, 15, 17, 18 f	113	28	276	264	75	16	0	22.0	320	55	2 04	330	78	2	0130	
	Bute	Millport	50	34	34	Ø																
	Dunbarton	Cumbernauld	543	33	33	ß																
	Renfrew	Paisley	188	81	31																	
		Abbotsinch	52	33	33	-	0	11	84	313	277	70	0	11.9	240	33	18 02	270	64	9	0540	
	Lanark	Lowther Hill	2415	43	33	1, 8, 17-19, 22, 23	46	22	185	343	149	21	0	17.6	320	48	18 04	270	69	18	0030	
	Ayr	Hunterston	41	30	30	2, 18	11	17	123	369	167	74	0	14.1	320	40	2 05	320	58	2	0320	
		Prestwick	68	33	33	2	6	10	75	372	241	50	0	13.0	310	36	2 13	290	57	9	0655	
	Dumfries	Chapelcross	310	50	50	-	0	3	8	393	291	52	0	10.5	220	29	17 20	260	44	23	1110	
		Eskdalemuir	825	50	35	2	1	9	51	267	260	165	0	9.8	320	34	2 20	260	57	23	0300	
	Wigtown	West Freugh	81	33	33	2	16	16	79	361	234	54	0	13.5	340	49	2 06	340	78	2	0305	
6b	Isle of Man	Ronaldsway	82	33	33	1, 2	25	21	187	324	166	42	0	16.3	320	52	2 06	310	85	2	0420	
		Point of Ayre	64	33	33	2, 17, 18	18	21	208	352	139	19	8	17.7	330	50	2 06	330	77	2	0450	
2	Durham	Durham	389	53	33	18	1	7	44	328	240	107	24	11.0	280	38	18 04	280	64	18	0405	
		South Shields	73	57	44	-	0	9	31	332	320	61	0	10.9	270	32	18 05	310	54	18	0510	
	Lincoln	Cranwell	288	47	47	-	0	10	55	382	279	28	0	12.5	210	31	1 23	210	50	1	2245	
		Manby	85	33	33	-	0	4	25	429	256	34	0	11.6	300	27	2 16	270	46	1	1355	
3	Norfolk	Gorleston	54	43	43	1	4	10	37	435	259	9	0	13.2	190	37	1 15	190	47	1	1450	
	Suffolk	Mildenhall	98	83	60	-	0	5	20	262	382	80	0	9.8	220	28	2 01	260	56	1	1450	
	Bedford	Bedford	322	42	30	-	0	6	43	376	302	23	0	12.1	260	30	2 10	200	50	2	0005	
		Cardington	226	133	133	1, 2, 18	13	15	126	382	195	28	0	14.8	200	38	1 23	230	74	1	1410	
	Hertford	Garston	307	50	33	-	0	2	6	177	467	94	0	8.2	290	31	2 10	290	48	2	0930	
		Rothamsted	461	41	33	-	0	1	2	165	487	90	0	7.8	280	23	2 10	280	51	2	0910	
	Essex	Stansted	351	31	31	-	0	7	38	349	292	65	0	11.2	270	33	2 10	270	51	2	0925	
		Coryton	66	57	48	-	0	3	14	271	397	58	4	9.9	[-	26	2 10	[-	51	2	0840	
		Shoeburyness	118	106	91	1, 2	11	19	105	495	118	15	0	15.7	200	45	1 15	210	69	2	0235	
4	Yorks, W.R.	Sheffield	533	83	35	-	0	3	5	189	342	197	11	7.3	310	25	23 14	310	52	23	1330	
	Warwick	Edgbaston	643	118	73	-	0	7	30	284	406	24	0	10.7	280	28	2 09	280	52	2	0810	
		Elmdon	343	31	31	2	1	8	45	333	326	39	0	11.6	280	34	2 09	280	63	2	0750	
	Buckingham	Amersham	500	50	50	-	0	6	26	231	429	58	0	9.8	270	30	2 09	270	56	2	0915	
	Stafford	Keele	706	50	33	-	0	6	30	244	383	87	0	9.6	320	32	2 15	320	60	2	0815	
	Worcester	Pershore	154	33	33	1	3	12	79	321	274	67	0	12.2	230	35	1 23	270	57	1	1245	
5	Greater London	London W/Centre	306	229	125	-	0	4	21	422	286	15	0	12.0	270	28	2 09	270	52	2	0835	
	London	Heathrow	115	33	33	-	0	7	29	286	374	55	0	10.3	280	31	2 11	280	51	2	0830	
		Hampton	139	101	100	-	0	5	27	278	356	83	0	10.2	260	30	2 09	260	57	2	1100	
		Kew	92	75	50	-	0	2	15	239	409	81	0	9.1	190	24	1 14	180	51	1	1320	
	Surrey	Gatwick	232	38	33	-	0	2	13	233	380	118	0	8.8	210	27	1 13	230	51	2	0145	
	Kent	Isle of Grain	48	40	33	-	0	6	25	325	331	39	24	11.0	200	29	1 14	220	58	2	0230	
		Dover	68	38	62	f																
	Sussex	Thorney Island	51	33	33	1, 2	3	11	75	330	255	81	0	11.9	200	36	1 14	230	59	2	0110	
	Berkshire	Abingdon	295	40	40	-	0	7	32	243	351	118	0	9.3	260	29	18 08	240	48	1	1330	
	Hampshire	Hurn	86	53	46	-	0	4	28	285	310	121	0	9.9	290	33	2 06	290	59	2	0600	
		Calshot	50	41	33	1	3	2	20	363	303	55	0	10.9	210	38	1 14	230	51	2	0055	
		S. Farnborough	318	69	35	-	0	14	71	306	312	55	0	11.7	280	30	2 08	270	53	1	1425	
	Wiltshire	Larkhill																				

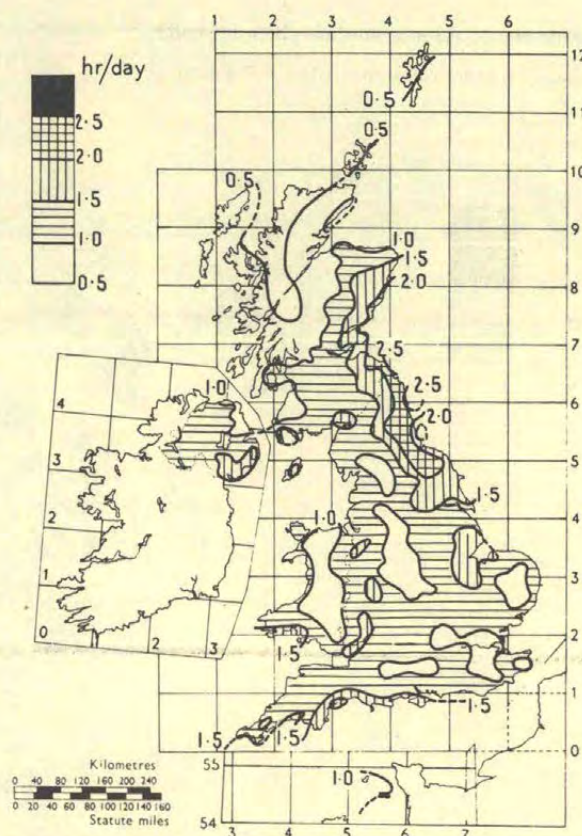
MONTHLY WEATHER CHARTS DECEMBER 1966

MEAN PRESSURE AT 9 G.M.T.

The dotted lines show the normal distribution of pressure in millibars based on 30 years observations 1931-1960



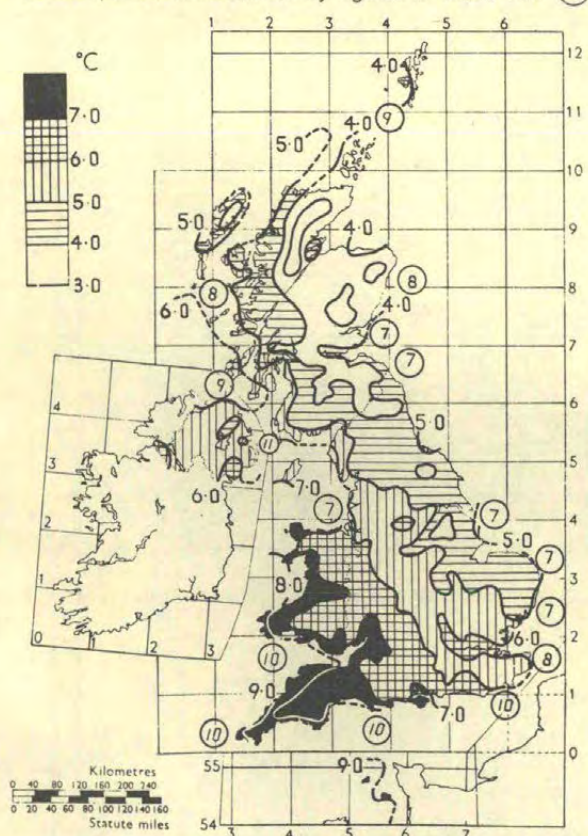
BRIGHT SUNSHINE



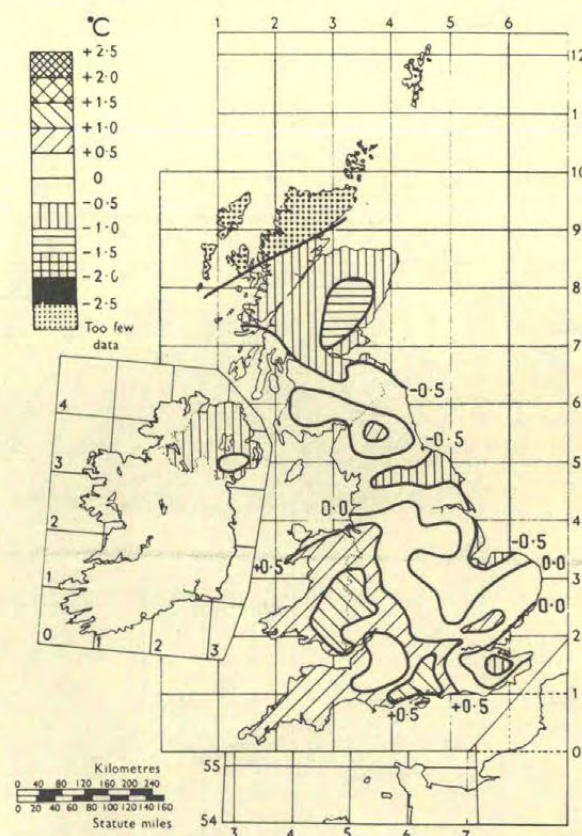
MEAN AIR TEMPERATURE

Reduced to sea level by a correction of 1°C. for 500 ft.

Sea temperatures are shown by figures in circles thus (10)



ANOMALY OF MEAN 1 ft. EARTH TEMPERATURE



RAINFALL

DECEMBER 1966

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

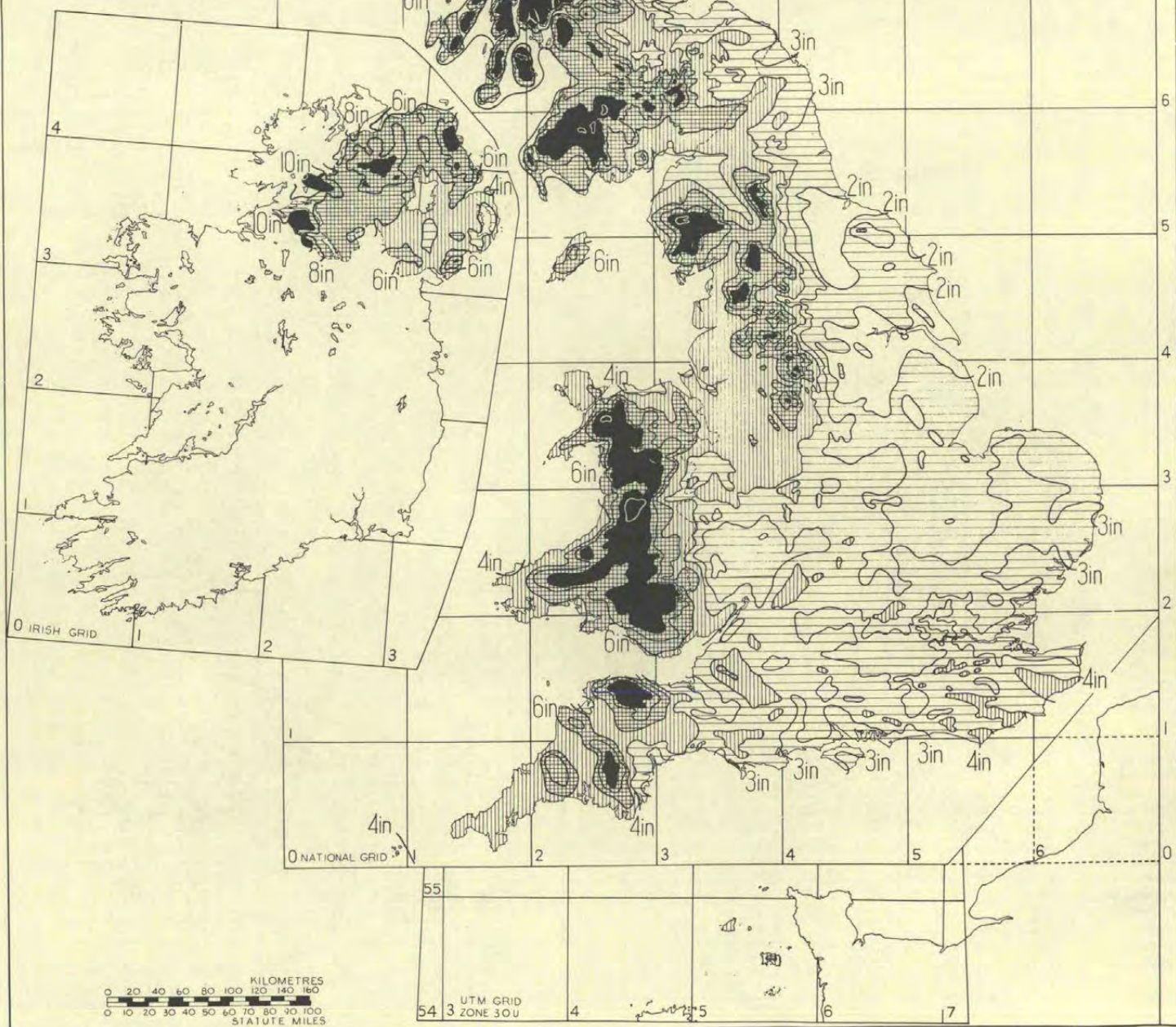
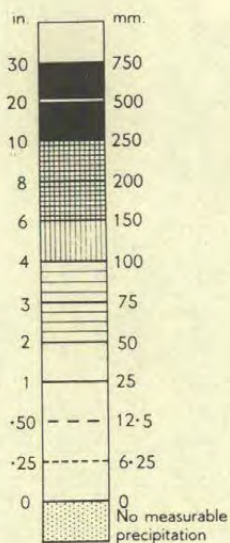


TABLE III

—SUMMARY OF DAILY OBSERVATIONS

DECEMBER,

1966

DISTRICT, COUNTY AND PLACE		Terminal hr. GMT of Observation		Height of Station above MSL (feet)		AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)			WEATHER										BRIGHT SUNSHINE			
						MEANS OF		Mean Temperatures (Mean of A & B)	Difference from Average #	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (inches)	Per cent of Average #	Most in a Day Amount (inches)	Precip'n -0.01 in (0-2mm) or more -0.01 in (1-2mm) or more	Snow or Sleet Snow lying at 9hr.	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frosty Grass min. below 0°C	Gale	Daily Mean (hr.)	Per cent of Average #	Exposure				
										Maximum	Date	Minimum	Date																			
																													A Max.	B Min.		
0 SCOTLAND, N.																																
Zetland	Hannaboe ...	99	70	6.3	2.4	4.3	-	9.4	17	-1.1	25	-	-	7.60	-	1.10	5	30	26	22	3	12	3	0	1	3	-	14	0.55	-	-	
	Lerwick	21-9	269	4.9	1.6	3.3	-1.1	9.2	17	-2.8	24	-	-	7.45	147	1.11	5	28	23	17	7	4	14	1	1	11	14	13	0.59	131	-	
Orkney	Balsasound ...	99	78	5.4	0.6	3.0	-	7.8	4,5,15	-3.9	15	4.6	-	7.55	150	.95	15	30	26	14	0	3	0	2	0	11	-	6	0.25	-	-	
	Sule Skerry ...	99	43	7.0	4.0	5.5	-	10.3	17	-0.5	24	-	-	5.93	-	.73	16	30	26	8	0	9	0	0	0	1	4	8	-	-	-	
	Stenness	99	75	5.9	1.4	3.7	-	11.1	17	-3.9	14	4.2	6.2	7.60	171	.79	17	30	28	8	2	1	4	1	0	5	16	2	0.35	-	-	
	Evie ...	99	110	6.0	1.0	3.5	-	10.0	17	-1.7	20	-	-	8.17	-	.80	17	31	29	-	-	-	-	1	7	-	-	0.34	-	-	-	
Caithness	Kirkwall	21-9	84	5.4	1.6	3.5	-	10.8	17	-1.8	24	-	-	8.74	193	1.16	16	31	29	20	1	17	0	1	0	8	18	9	0.43	52	-	
	Dounreay ...	99	73	6.3	1.1	3.7	-	10.0	17	-2.8	14	-	-	6.62	-	.77	1	30	25	-	0	-	-	1	17	17	6	-	-	-	-	
	Wick	21-9	119	5.1	1.4	3.3	-1.3	12.0	17	-3.2	14	-	-	5.43	183	1.36	1	26	23	13	5	1	11	2	1	12	22	4	0.95	85	-	
	Cape Wrath	21-9	367	6.5	2.5	4.5	-1.2	10.8	17	-2.0	24	-	-	7.13	146	1.24	16	31	24	7	1	1	5	0	0	5	12	9	0.37	-	-	
Sutherland	Achnary	99	280	5.4	-0.6	2.4	-	11.7	17	-8.3	14	2.9	5.4	10.22	242	1.48	1	29	27	14	10	9	0	3	0	16	25	0	0.65	-	-	
	Strathly	99	120	5.8	0.1	2.9	-1.1	11.7	17	-5.0	14, 15	-	-	7.31	166	1.13	1	30	25	14	0	1	4	0	0	13	-	1	0.46	64	S	
Ross & Cromarty	Stornoway	21-9	11	6.2	1.5	3.9	-1.6	11.5	17	-5.7	14	-	-	7.33	181	.67	15	28	27	14	1	3	7	0	0	7	14	6	0.65	76	-	
	Balmacara	99	12	7.6	2.1	4.9	-	11.7	17	-2.8	14	-	-	12.19	-	1.47	1	28	28	4	1	3	0	0	5	-	0	-	-	-	-	
	Poolewe	99	20	7.8	2.1	4.9	-	12.8	15	-1.7	14	-	-	13.07	209	2.26	16	27	27	-	-	-	-	0	3	19	-	0.30	-	-	-	
	Rudh Re	99	53	7.1	3.0	5.1	-	11.0	17	-1.5	14, 24	-	-	-	-	-	-	-	-	5	1	1	0	0	4	3	8	-	-	-	-	
	Inverpoll	99	45	7.6	1.9	4.7	-	(12.8)	15	-3.3	14, (15)	5.1	-	10.46	-	2.01	1	29	28	6	2	10	0	-	5	15	3	-	-	-	-	
	Achnashellach	99	220	6.9	0.3	3.6	-0.5	11.7	15	-7.2	25	-	-	21.15	244	3.63	17	30	28	10	4	2	0	1	0	13	-	0	-	-	-	
Inverness	Kinlochewe	99	76	7.4	1.2	4.3	-	12.8	17	-5.0	14	4.4	-	22.33	269	4.70	16	29	28	11	4	7	0	3	2	6	20	4	-	-	-	
	Fortrose ...	99	15	6.4	2.2	4.3	-0.9	11.1	17	-2.2	14, 25	-	-	4.93	240	1.50	1	24	18	6	2	0	0	0	5	-	3	0.69	61	-	-	
	Tarbatness	21-9	60	5.2	2.0	3.6	-	10.5	17	-3.0	14	-	-	4.75	270	1.85	1	27	20	5	0	0	0	0	3	-	2	-	-	-	-	
	Benbecula	21-9	19	6.9	3.3	5.1	-0.8	10.5	17	-1.9	25	-	-	7.57	164	.72	16	29	27	8	1	4	8	1	0	5	6	14	0.68	-	-	
	Isle of Rhum	99	15	7.6	2.1	4.9	-	11.1	5	-3.9	14, 15	5.2	7.7	13.75	132	1.82	15	29	29	4	3	6	9	0	5	20	18	-	-	-	-	
	Prabost ...	99	220	6.6	1.4	4.0	-	10.6	17	-3.3	14, 25	-	-	12.56	165	1.89	16	28	27	5	3	1	13	2	0	8	22	12	0.77	-	-	
	Duntulm	99	294	7.0	1.8	4.4	-1.2	10.6	16, 17	-2.2	14	-	-	8.98	161	1.13	1	28	26	7	1	4	0	0	7	10	7	0.55	72	S	S	
	Onich ...	99	48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Fort William	99	27	7.5	1.3	4.4	-	12.2	17	-6.7	14	4.0	5.4	12.38	-	2.18	16	30	28	8	2	0	3	0	0	10	16	8	0.36	-	-	
	Fort Augustus	99	70	6.1	0.4	3.3	-0.6	11.1	17	-7.2	14	-	-	11.43	-	1.90	1	29	26	4	4	1	0	0	0	12	-	1	0.45	-	-	
	Cannich ...	99	350	5.6	-1.6	2.0	-	11.7	17	-9.4	14, 25, 26	-	-	11.70	234	2.59	17	30	30	10	12	2	0	0	0	20	26	0	-	-	-	
	Inverness	99	13	6.7	1.2	3.9	-	12.8	17	-3.9	14	-	-	4.34	207	1.27	1	25	22	6	2	0	0	0	0	7	23	2	0.76	-	-	
	Coire Cas Shieling	99	2500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Cairngorm ...	99	3575	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Achnagoichan	99	1000	4.8	-1.7	1.5	-	10.0	17	-11.1	15	3.0	-	5.36	-	.76	17	25	23	14	-	0	0	-	-	20	30	3	-	-	-	-
	Glenmore Lodge	99	1120	-	-	-	-	-	-	-	-	-	-	6.79	202	1.78	1	25	24	-	-	-	-	-	-	-	-	-	-	-	-	
1 SCOTLAND, E.																																
Nairn	Nairn ...	99	20	6.3	0.4	3.3	-0.9	11.7	17	-5.0	14, 15	-	-	4.12	217	1.10	1	26	21	7	2	0	1	0	0	11	21	6	0.80	66	-	-
	Forres ...	99	155	5.6	0.3	2.9	-1.2	11.7	17	-5.0	14, 15	3.0	5.1	3.51	201	1.06	1	23	17	20	5	0	0	0	0	12	17	0	0.95	66	-	-
Moray	Kinloss ...	21-9	15	5.8	1.2	3.5	-	12.2	17	-6.5	14	3.9	-	3.68	218	1.02	1	25	18	13	3	0	6	0	0	11	18	4	1.04	-	-	-
	Elgin ...	99	50	6.6	0.9	3.7	-	13.3	17	-5.6	15	-	-	3.34	179	.95	1	24	18	7	3	0	1	0	0	8	21	1	1.17	-	-	-
	Lossiemouth ...	99	21	6.2	0.3	3.3	-0.8	10.0	16, 22	-6.1	14, 15	-	-	3.49	182	.95	1	22	19	11	0	1	5	0	0	9	19	4	-	-	-	-
	Gordon Castle ...	99	104	6.4	1.2	3.8	-0.4	12.2	17	-3.9	15	-	-	3.56	160	1.13	1	24	19	-	2	-	-	-	7	-	-	-	1.18	106	-	-
Banff	Glenlivet ...	99	706	4.1	0.2	2.1	-	11.2	17	-8.1	14	-	-	4.89	-	1.09	1	25	22	16	11	0	0	0	0	16	24	1	1.17	-	-	-
	Banff ...	99	80	6.4	1.6	4.0	-	12.8	17	-3.3	15	-	-	3.16	-	.77	1	25	19	7	0	1	0	0	0	5	-	2	0.70	-	-	-
Aberdeen	Braemar ...	99	1113	3.9	-1.5	1.2	-0.8	9.4	17	-12.8	14, 15	-	-	4.65	124	.81	1	30	20	-	17	-	-	-	0	16	20	-	0.68	-	-	-
	Balmoral ...	99	927	4.2	-2.4	0.9	-1.2	10.0	17	-11.1	14	-	-	4.46	139	.81	1	25	21	14	19	0	0	0	-	22	27	0	-	-	-	-
	Dinnet ...	99	580	5.1	-0.8	2.1	-	11.7	17	-8.3	14, 15	2.4	-	3.64	-	.58	1	24	18	-	5	-	-	-	0	17	26	-	1.67	-	-	-
	Huntly ...	99	405	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Fyvie Castle	99	218	5.3	-0.4	2.5	-	12.8	17	-7.2	15	-	-	4.78	161	.70	1	26	24	10	-	5	0	0	-	14	28	0	1.42	-	-	-
	Craibstone	99	300	5.2	0.5	2.9	-0.9	12.8	17	-4.4	15	3.0	5.0	3.41	108	.83	1	21	17	8	3	1	0	0	0	10	19	2	1.93	127	-	-
	Dyce ...	21-9	190	5.1	0.5	2.8	-0.9	13.5	17	-7.1	15	-	-	3.26	99	.71	1	22	16	14	2	0	2	1	0	15	22	0	1.83	-	-	-
	Aberdeen ...	99	170	5.8	0.6	3.2	-0.7	13.3	17	-5.6	15	-	-	3.17	102	.88	1	21	18	6	2	3	0	0	0	12	23	0	1.98	150	S	-
	Uday ...	99	352	4.8	-0.4	2.2	-	12.2	17	-3.9	14, 15, 26	-	-	3.56	101	.72	1	27	19	8	6	1	0	0	1	15	17	0	1.82	-	-	-
	Rattray Head ...	21-9	85	5.3	1.9	3.6	-1.0	13.0	17	-1.5	25	-	-	4.15	163	.79	1	23	22	11	0	1	0	0	0	5	-	6	1.41	-	-	-
Kincardine	Fettercairn ...	99	560	5.0	-0.8	2.1	-	12.2	17	-4.4	26	-	-	4.43	123	(.75)	1	17	15	5	0	0	0	0	2	21	29	0	1.71	-	-	-
	Strachan ...	99	395	5.6	-0.9	2.3	-	13.3	17	-8.3	15	-	-	4.43	-	1.30	1	18	16	8	3	0	1	1	6	19	30</					

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

DECEMBER,

1966

DISTRICT, COUNTY AND PLACE		Max. Temp. hr. GMT of Observation	Height of Station above MSL (feet)	AIR TEMPERATURE IN DEGREES CELSIUS						MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days														BRIGHT SUNSHINE						
				MEANS OF		Mean Temperatures (Mean of A & B)	Difference from Average	HIGHEST MAXIMUM AND LOWEST MINIMUM				Total fall (inches)	Per cent of Average	Amount (inches)	Date	Precip'n		Snow or Sleet	Snow lying at hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost†	Grass min below 0°C	Gale	Daily Mean (hr.)	Per cent of Average	Exposure					
				A Max.	B Min.			Maximum	Date	Minimum	Date					0.01 in (0.2mm) or more	0.1 in (1.0mm) or more																	
1 SCOTLAND, E.—cont.																																		
Midlothian —cont.	Davidson's Mains	99	200	6.3	1.2	3.7	-0.6	12.2	17	-4.4	14	3.3	-	2.72	124	.74	19	21	10	4	2	0	0	0	0	0	10	17	0	1.52	-	-	S	
	Penicuik ...	99	620	5.3	0.2	2.7	-	11.1	17	-7.2	14, 15	3.2	-	3.66	112	.92	19	20	15	6	5	0	0	0	0	0	12	25	2	1.22	-	-	-	
	Bush House	99	605	5.8	0.6	3.2	-	11.7	17	-6.7	14, 15	3.1	5.3	3.22	113	.94	19	22	15	5	2	0	0	0	0	9	21	2	1.51	-	-	-		
	Edinburgh—																																	
F. Lothian	.. Blackford Hill	99	441	5.9	1.8	3.9	-0.7	11.7	17	-2.8	14, 25	-	-	2.33	110	.88	19	14	10	5	2	1	0	0	0	8	18	8	1.66	118	-	-	-	
	.. Royal Bot. Gdns.	99	74	6.7	1.4	4.1	-0.2	12.8	17	-5.6	14, 15	3.6	-	2.41	116	.71	19	16	10	3	2	0	0	0	0	8	23	0	1.50	146	-	-	-	
	Haddington ...	99	162	6.3	1.0	3.7	-	12.8	17	-5.0	14, 15	-	-	2.42	121	.75	19	18	12	5	1	1	0	0	0	9	18	3	1.70	-	-	S		
	Dunbar ...	99	75	6.9	1.8	4.3	-0.6	13.3	17	-3.3	14	-	-	2.21	122	.86	19	16	9	4	0	1	0	0	0	6	13	0	2.18	142	-	-	-	
Berwick	Mertoun ...	99	225	6.3	0.6	3.5	-	11.7	17	-6.7	14	-	-	3.20	-	.70	19	22	16	5	-	1	0	0	0	-	9	21	0	1.69	-	-	-	
	Lauder ...	99	600	5.3	-0.2	2.5	-	12.8	17	-7.8	14, 15	-	-	3.78	-	.75	19	24	17	9	4	0	0	0	0	1	15	22	0	1.88	-	-	-	
	Marchmont	99	498	5.1	0.4	2.7	-0.9	12.8	17	-4.4	14	-	-	3.62	153	.83	19	23	19	5	3	1	0	0	0	10	-	2	1.57	135	S	-		
	Whitchester	99	838	4.6	-0.3	2.1	-	12.8	17	-6.7	14, 15	-	-	4.45	169	.99	1	23	17	9	9	0	0	0	0	-	17	-	1	-	-	-		
Peebles	St. Abb's Head ...	99	245	5.8	2.7	4.3	-	13.5	17	-2.7	26	-	-	-	-	-	-	-	1	1	1	0	0	0	0	5	9	-	-	-	-	-		
	Stanhope Farm ...	99	741	6.0	0.0	3.0	-	12.2	17	-8.9	25, 26	-	-	5.65	126	.99	1	24	20	5	2	0	1	0	0	10	16	1	-	-	-	-		
	Blyth Bridge ...	99	830	5.1	0.0	2.5	-	10.6	17	-7.2	14, 15, 25	-	-	4.14	122	.98	19	24	19	8	6	0	0	0	0	14	20	7	1.13	-	-	-		
	West Linton ...	99	800	5.2	-0.5	2.3	-	10.6	17, 18	-7.8	14	2.2	4.9	4.16	119	.90	19	28	18	6	6	0	1	0	0	14	17	0	-	-	-	-		
Selkirk	Glenrest ...	99	580	5.9	-0.1	2.9	-	12.8	17	-9.4	25	-	-	4.16	42	.87	1	25	20	7	3	0	0	0	0	4	-	0	-	-	-	-		
	Bowhill ...	99	600	5.7	0.2	2.9	-	11.7	17	-7.2	14	-	-	3.74	115	.56	29	25	19	11	5	0	2	0	0	15	-	4	-	-	-	-		
Roxburgh	Wauchope ...	99	560	5.5	-0.3	2.6	-	11.1	17	-8.3	14	-	-	3.61	114	.70	19	25	20	9	5	1	0	0	0	15	-	0	-	-	-	-		
	Sourhope ...	99	900	5.3	-0.4	2.5	-	11.1	18	-8.3	25	-	-	4.33	-	.95	19	20	17	-	2	-	-	-	0	13	25	-	1.63	-	-	-		
6a SCOTLAND, W.																																		
Argyll	Tiree	21-9	29	7.6	3.9	5.7	-0.7	11.0	17	-0.4	3, 25	-	-	6.54	140	.91	7	30	26	7	0	0	15	1	0	2	9	11	0.70	74	-	-	-	
	Rhuvaal ...	21-9	65	7.9	4.3	6.1	-	11.0	17	0.8	24	-	-	6.81	107	.85	19	29	26	4	0	9	0	0	0	0	1	1	-	-	-	-		
	Colonsay ...	99	87	8.0	3.1	5.5	-0.4	10.6	17	-2.2	24	-	-	6.71	118	.78	19	30	28	8	-	6	0	0	0	1	3	-	5	-	-	-	-	
	Craighouse ...	99	10	8.0	3.6	5.8	-	11.1	17	0.0	3, 24, 25	-	-	10.46	-	1.42	19	30	27	-	1	-	-	-	0	0	9	-	-	-	-	-	-	
	Machrihanish ...	99	33	7.9	4.5	6.2	-	12.2	17	-1.5	25	-	-	5.69	-	.68	7	28	28	3	1	1	5	0	0	2	3	6	0.87	-	-	-	-	
	Campbeltown ...	99	10	9.8	4.9	7.3	-	11.7	11, 16, 18	1.1	31	-	-	5.86	-	.62	28	27	24	3	0	1	0	0	0	12	0	-	0	0.95	-	-	-	
	Polloch ...	99	33	7.7	1.0	4.3	-	11.7	18	-7.2	14	-	-	15.58	-	1.75	1	29	29	1	-	0	1	0	0	-	11	16	0	-	-	-	-	
	Achaglachgach ...	99	40	7.7	1.4	4.5	-	11.1	17	-5.0	25	-	-	11.35	165	1.30	19	30	30	9	-	6	0	1	0	8	18	0	-	-	-	-	-	
	Lepinmore ...	99	30																														S	
	Glenbranter ...	99	80	6.4	0.8	3.6	-	11.7	17	-5.6	25, 26	-	-	14.14	-	2.03	17	30	27	4	1	3	0	2	1	11	23	1	-	-	-	-	-	
	Bute	Benmore Y.B.G.*	99	40	7.1	1.7	4.4	-	12.2	17	-4.4	26	-	-	15.84	149	2.40	17	30	29	8	4	0	4	0	0	5	20	1	-	-	-	-	-
	Dunbarton	Kildonan ...	99	60	7.5	4.1	5.8	-	10.6	17, 19	-1.5	25	-	-	8.42	-	1.24	19	27	25	5	-	0	2	0	0	2	-	6	-	-	-	-	-
Broddick Castle ...		99	50	8.2	3.3	5.7	-	12.2	17	-1.1	25	5.3	-	13.70	-	1.89	19	30	30	4	1	1	0	0	0	4	15	2	-	-	-	-	-	
Rothsay		99	140	7.1	2.7	4.9	-0.4	11.1	17	-2.2	25	4.4	5.8	8.77	148	1.22	19	30	29	5	3	0	2	0	0	4	13	0	1.22	124	-	-	-	
Millport ...		99	16	7.8	3.0	5.4	-	10.6	7, 17	-1.7	25	-	-	7.49	155	1.25	19	27	26	3	0	2	0	0	0	2	-	3	-	-	-	-	-	
Stirling	Finnart ...	99	50	7.2	2.4	4.8	-	12.8	17	-2.2	14, 15, 26	-	-	13.51	-	2.53	17	30	29	3	1	1	0	0	0	-	6	-	2	-	-	-	-	
	Helensburgh ...	99	293	5.8	1.2	3.5	-0.7	10.6	17	-4.4	25, 26	-	-	8.77	143	1.47	17	29	29	5	3	0	0	0	0	7	-	0	0.80	105	-	-	-	
	Sloy ...	99	40	6.5	2.8	4.7	-	12.7	17	-5.2	14	-	-	16.28	-	2.34	17	30	30	12	-	3	0	0	0	5	-	1	-	-	-	-	-	
	Cumbernauld ...	99	310	5.6	-0.4	2.6	-	10.6	17	-7.2	25	-	-	6.93	-	2.03	17	25	24	5	7	0	0	0	0	13	21	0	-	-	-	-	-	
Renfrew	Earl's Hill ...	99	1100	3.3	-0.8	1.3	-	10.0	17	-7.5	25	-	-	7.19	-	1.52	17	25	18	-	-	-	-	-	4	22	22	-	1.35	-	-	-	-	
	Stirling	99	151	6.5	1.2	3.9	-0.4	12.8	17	-4.4	14	2.9	7.1	3.87	102	.84	17	24	18	4	4	0	0	0	1	6	24	1	0.97	-	-	-	-	
	Falkirk ...	99	68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Greenock ...	99	200	6.7	2.3	4.5	-0.7	11.7	17	-5.0	25	-	-	9.52	136	2.26	17	27	25	5	3	1	0	0	0	5	15	0	0.64	-	-	S	-	
Lanark	Paisley	99	106	6.2	2.1	4.1	-0.7	11.1	17	-3.9	14, 15	4.2	6.7	6.87	149	1.97	17	27	24	7	3	1	0	2	6	18	2	1.04	142	-	-	-	-	
	Barrhead ...	99	97	6.6	1.6	4.1																												

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS DECEMBER, 1966

DISTRICT, COUNTY AND PLACE		Terminal hr. GMT of Observation	Height of Station above MSL (feet)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days										BRIGHT SUNSHINE				
				MEANS OF		Mean Temperature (Mean of A & B)	Difference from Average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (inches)	Per cent of Average	Most in a Day	Precip'n	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frosty	Grass min. below 0°C	Gale	Daily Mean (hr.)	Per cent of Average	Exposure	
				A Max.	B Min.			Maximum	Date	Minimum	Date	1 ft.	4 ft.																	Amount (inches)	Date	-0.1in (0.2mm) or more	-0.4in (1.0mm) or more
2 ENGLAND, N.E.																														
Northumberland	Kielder Castle ...	99	660	5.2	-0.7	2.3	-	10.0	28	-8.3	25	3.8	-	6.05	138	1.04	1	27	20	6	4	0	0	0	7	15	27	0	-	-
	Haydon Bridge ...	99	258	6.8	0.6	3.7	-	12.8	17	-6.7	25	3.8	5.6	2.98	-	.53	19	22	15	3	1	0	0	0	1	10	19	2	-	-
	Corbridge ...	99	160	7.0	0.8	3.9	-	13.3	17	-6.7	14, 26	-	-	2.62	-	.46	12	15	10	2	2	0	1	0	1	9	20	1	-	-
	Berwick-on-Tweed ...	99	76	6.2	1.6	3.9	-0.8	13.3	17	-3.3	26	-	-	2.56	151	.83	19	18	11	3	2	0	0	0	0	3	21	1	2.54	174
	Cockle Park §§	99	326	(5.9)	(0.2)	(3.1)	(-0.9)	11.7	17, 19	-3.9	25, 26	(3.2)	-	3.02	120	.50	12	(19)	(17)	4	-	0	1	0	-	16	19	3	2.41	158
	Acklington ...	21-9	138	5.7	1.7	3.7	-	11.8	17	-4.6	25	-	-	2.75	119	.52	29	20	12	6	3	1	0	0	1	7	14	4	2.45	-
	Tynemouth ...	21-9	95	6.2	2.8	4.5	-0.9	13.6	18	-2.5	25	-	-	2.58	108	.50	12	19	12	2	2	1	0	0	0	6	15	3	2.28	213
	Seahouses ...	21-9	37	6.0	2.0	4.0	-	12.8	17	-4.4	25	-	-	3.39	-	.93	19	19	13	5	2	0	0	0	0	6	19	3	2.28	-
	Chopwellwood ...	99	446	6.4	0.7	3.5	-0.5	13.9	18	-3.9	25, 26	-	-	2.90	115	.65	1	19	12	3	0	0	0	0	0	11	25	1	-	5
	Ushaw College ...	99	594	5.7	0.8	3.3	-0.5	10.6	17	-3.9	25	-	-	2.32	92	.52	1	16	11	3	0	0	0	0	5	11	-	0	-	-
Durham	Houghall ...	99	123	6.8	0.9	3.9	0.0	11.7	7, 17, 19	-5.6	14	-	-	2.12	88	.47	12	19	10	2	0	0	0	0	1	9	21	0	2.13	179
	Durham §§€	99	336	6.7	0.8	3.7	-0.4	11.1	7, 19, 28	-3.9	14, 26	4.1	6.7	1.94	85	.39	12	18	10	-	1	-	-	-	-	8	23	-	2.05	144
	Gateshead ...	99	509	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(2.28)	-	
	West Hartlepool ...	99	30	7.4	2.3	4.9	-	12.2	17	-2.8	26	-	-	1.94	97	.37	12	17	10	2	0	0	0	0	1	5	12	1	1.44	-
	Thirsk ...	99	111	7.2	0.4	3.8	-	12.2	17	-5.6	26	-	-	1.62	-	.40	1	19	10	1	0	0	0	0	1	14	22	1	-	-
	Leeming ...	99	105	6.6	1.9	4.3	-	12.8	17	-4.6	14	-	-	1.19	-	.35	1	13	9	8	0	0	0	0	2	7	17	1	2.22	-
	York (Heslington) ...	99	66	7.4	1.5	4.5	-	12.8	17	-3.9	26	3.3	5.7	1.96	-	.43	29	19	13	-	0	-	-	-	2	9	16	-	1.83	-
	Ampleforth ...	99	313	6.6	0.9	3.7	-0.3	12.8	29	-3.9	26	-	-	1.93	74	.40	1	20	13	0	-	0	0	0	2	9	20	0	1.29	118
	Redcar ...	99	25	7.9	2.4	5.1	-	12.8	17	-2.8	15, 25	-	-	1.84	92	.36	12	20	10	-	0	-	-	-	0	5	-	-	1.69	-
	Pickering ...	99	143	6.7	0.1	3.4	-	12.3	17	-7.0	26	-	-	2.03	-	.32	1	22	12	1	2	0	1	1	1	15	18	0	-	-
Yorks., N. Riding	Whitby ...	99	135	-	2.1	-	-	-	-	-5.6	26	-	-	2.65	106	.38	19	19	14	1	2	0	0	0	1	4	-	0	1.37	-
	Scarborough §§	99	118	7.3	2.2	4.7	-0.6	12.2	17	-2.2	26	5.2	7.6	1.84	75	.27	19	17	13	2	2	0	0	1	1	2	15	1	1.37	115
	Silpho Moor ...	99	665	6.1	0.1	3.1	-	11.1	17	-5.6	26	3.4	-	3.57	112	.53	1	28	15	2	3	0	0	1	5	15	21	0	2.07	-
	Whitby C'Guard ...	21-9	207	6.4	2.7	4.5	-	13.0	17	-5.4	26	-	-	2.20	-	.33	19	19	12	1	0	1	1	0	0	5	8	-	-	-
	High Mowthorpe ...	99	574	5.6	0.6	3.1	-	11.1	17	-3.9	25, 26	3.4	-	2.41	81	.41	1	22	13	4	4	0	1	0	3	14	22	0	1.73	-
	Hull §§€	99	8	7.3	1.9	4.6	-0.3	12.2	17, 29	-3.3	26	4.3	7.3	1.93	86	.33	7	20	13	0	0	0	0	1	2	5	13	1	1.43	137
	Leconfield ...	21-9	24	6.5	2.6	4.5	-	12.5	18	-5.2	26	-	-	1.89	-	.31	1	19	13	8	0	1	1	1	2	7	16	1	1.64	-
	Filey ...	99	122	6.8	1.1	3.9	-	12.2	17	-5.0	26	-	-	2.32	86	.41	1	18	11	1	2	3	0	1	1	9	17	0	-	-
	Bridlington ...	99	157	6.8	1.1	3.9	-	12.2	17	-5.0	26	-	-	2.32	86	.28	1	22	13	3	0	0	1	1	2	6	15	0	1.95	-
	Kilnsea ...	21-9	40	6.1	2.7	4.4	-	11.0	8, 18	-2.5	25	-	-	1.93	-	.27	19	20	15	3	0	0	1	1	1	4	-	4	1.66	-
Lincoln	Waddington ...	21-9	224	6.6	2.6	4.6	+0.4	11.7	29	-3.9	26	-	-	1.98	-	.28	7	21	14	8	1	1	1	1	1	6	15	0	1.47	-
	Lincoln €	99	22	7.4	0.3	3.9	-	11.7	17, 19, 29	-6.7	26	4.6	6.6	2.08	103	.33	7	22	13	3	0	0	0	0	2	11	21	2	1.28	-
	Cranwell §§€	99	205	7.6	1.3	4.5	+0.3	12.1	29	-3.9	26	4.4	6.7	2.18	114	.31	7	21	16	3	0	1	0	0	0	6	16	0	1.43	91
	Brigg ...	99	10	7.1	0.9	4.0	-	11.7	29	-4.4	14, 15	-	-	2.00	-	.33	7	19	14	1	0	1	0	1	4	10	15	0	-	-
	Caistor ...	99	100	7.2	0.6	3.9	-	11.7	17, 19	-5.6	14, 26	-	-	2.03	-	.35	7	22	13	-	-	-	-	-	-	10	-	-	-	-
	Binbrook ...	21-9	353	5.8	2.1	3.9	-	11.0	18	-3.8	25	-	-	2.59	-	.39	7	21	16	5	2	1	4	1	2	6	14	2	-	-
	Cleethorpes ...	99	23	7.1	2.2	4.7	-0.1	11.7	17, 29	-3.3	26	-	-	1.79	88	.25	19	22	14	-	0	-	-	-	2	5	9	-	1.38	97
	Manby ...	21-9	55	6.7	2.2	4.5	-	11.8	29	-4.4	26	-	-	2.14	102	.33	1	20	13	4	1	0	1	1	1	7	18	0	1.61	-
	Skegness ...	99	15	-	1.4	-	-	-	-	-2.8	26	-	-	2.59	129	.39	1	18	15	2	0	0	0	0	0	5	-	0	1.55	104
3 ENGLAND, E.																														
Norfolk	Terrington St. Cl. ...	99	13	7.3	1.2	4.3	-	12.2	29	-2.8	26	4.8	-	2.58	150	.31	5	22	16	0	0	0	0	0	1	9	19	0	1.42	-
	Marham ...	21-9	76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Santon Downham ...	99	80	7.7	0.5	4.1	-	12.2	29	-9.4	26	5.1	6.8	3.10	141	.63	9	24	17	-	0	-	-	-	-	12	21	-	1.00	-
	West Raynham ...	21-9	250	6.3	1.8	4.1	-0.1	11.5	8	-5.0	26	-	-	3.48	145	.39	9	23	18	6	0	1	1	1	3	9	16	0	1.43	-
	Cromer ...	99	178	7.5	1.6	4.5	-0.5	11.1	28, 29, 31	-3.9	26, 27	-	-	2.74	107	.27	1	22	18	-	0	-	-	-	0	2	11	-	1.14	71
	Sprowston §§	99	93	7.5	1.2	4.3	-0.3	11.7	8, 18, 31	-5.0	26	5.6	-	2.40	105	.28	30	26	19	1	0	0	0	0	0	9	17	0	0.85	61
	Coltishall ...	21-																												

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

DECEMBER,

1966

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		Mean Temperatures (Mean of A & B)	Difference from Average °	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (inches)		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	Gale	Daily Mean (hr.)	Per cent of Average °	Exposure	
					A Max.	B Min.			Maximum	Date	Minimum	Date	1 ft.	4 ft.	Amount (inches)	Date		-0.1in (0.2mm) or more	-0.4in (1.0mm) or more														
4 MIDLAND COUNTIES																																	
Yorks.		Slaiburn	9 9	629	6.4	1.3	3.9	-	10.0	7,17,28	-5.0	25,26	-	-	8.98	-	2.05	19	26	24	2	0	0	1	0	2	7	16	0	1.16	-	-	
W. Riding		Malham Tarn	9 9	1297	4.3	-0.6	1.9	-	7.8	7,17,28	-6.7	25	3.7	-	9.59	162	1.95	17	26	23	10	-	0	0	0	0	7	17	21	0	-	-	
		Huddersfield	9 9	325	7.7	2.6	5.1	+0.7	11.7	28,29	-3.9	26	4.3	6.9	3.41	-	.80	1	22	16	-	1	-	-	-	-	3	5	15	-	1.43	199	
		" Oakes	21-9	772	5.9	1.9	3.9	-0.1	10.1	29	-4.0	25	3.9	6.1	4.92	146	.79	1	28	19	5	3	0	3	0	3	10	19	6	1.39	129	-	
		Bradford	9 9	439	6.9	1.9	4.4	+0.2	11.1	17,28	-3.3	25,26	4.6	7.2	4.12	136	.73	1	26	19	4	1	1	1	1	3	6	12	4	-	-	8	
		Ilkley	9 9	315	7.3	1.7	4.5	+0.4	11.7	28	-5.0	26	-	-	4.36	122	.79	1	22	19	3	0	0	0	1	2	6	-	1	1.29	116	-	
		Sheffield	9 9	429	7.5	2.7	5.1	+0.2	11.7	28	-2.2	26	4.6	7.5	3.04	104	.62	1	21	15	2	1	0	2	1	0	3	15	0	1.16	118	-	
		Wakefield	9 9	121	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		Pontefract	9 9	255	7.1	1.6	4.3	-0.1	11.7	7,17,29	-2.8	25,26	-	-	1.88	98	.43	1	23	13	2	1	0	0	0	4	10	15	0	-	-	-	
		Bramham	9 9	177	7.0	1.4	4.2	-	12.2	17	-3.9	26	-	-	2.25	91	.46	1	20	14	3	0	0	0	0	1	2	5	17	1	1.60	-	
		Cawood	9 9	20	7.4	1.4	4.4	-	12.2	17,28	-4.4	25	3.9	6.4	1.93	94	.31	1	19	15	0	0	0	0	0	1	8	18	3	1.77	-	-	
		Askham Bryan	9 9	110	7.4	1.5	4.5	-	12.8	17	-3.3	25	-	-	2.34	108	.46	29	20	16	0	0	1	0	1	2	8	15	0	1.72	145	-	
Derby		Buxton	9 9	1007	5.9	1.2	3.5	+0.2	10.0	17,28	-5.6	26	3.7	5.5	8.63	179	1.05	9	27	25	7	6	1	0	0	5	9	11	4	-	-	-	
		Chapel en le Frith	9 9	732	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		Derby	9 9	159	8.1	2.4	5.3	-	11.7	8,19,29	-4.4	26	-	-	3.21	-	.54	9	22	18	2	0	1	0	1	3	4	14	1	1.14	-	-	
		Morley	9 9	350	7.3	1.8	4.5	-	11.1	28,29	-2.8	25,26	-	-	3.24	105	.58	9	22	17	3	0	1	0	2	-	7	21	3	1.04	-	-	
		Chesterfield	9 9	298	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Nottingham		Sutton Bonington	9 9	157	-	1.7	-	-	-	-	-3.3	26	5.6	7.4	2.81	146	.63	9	23	14	1	0	1	0	1	0	5	17	0	1.12	101	-	
		Watnall	21-9	385	6.8	2.6	4.7	+0.6	11.2	28	-3.9	26	-	-	3.11	133	.56	9	23	13	9	1	1	1	2	7	7	14	0	0.99	80	-	
		Nottingham T.C.*	9 9	159	7.9	2.1	5.0	-	11.7	19	-2.8	26	-	-	2.81	-	.47	9	25	16	-	-	-	-	-	-	3	5	16	-	1.12	-	
		Mansfield	9 9	362	7.3	2.1	4.7	+0.4	11.1	17,19,29	-2.2	26	4.4	-	2.53	103	.35	9	20	16	2	0	1	0	0	4	5	-	0	-	-	-	
		Nottingham	9 9	192	7.9	2.1	5.0	+0.3	11.7	17,19	-2.2	25,26	4.1	6.1	2.50	123	.50	9	20	13	2	0	0	1	1	0	5	14	0	1.14	110	-	
		Warsop	9 9	150	7.8	0.2	4.0	-	11.7	17,19,29	-6.1	26	-	-	1.80	90	.30	23	19	15	-	-	-	-	-	-	4	13	24	-	1.23	-	
Leicester		Finningley	21-9	34	7.5	2.7	5.1	+0.5	12.6	18	-4.6	26	-	-	1.88	-	.36	1	15	12	3	1	0	3	1	3	5	14	0	1.24	-	-	
		Newtown Linford	9 9	392	7.3	1.4	4.3	-	12.2	29	-4.4	26	-	-	3.41	-	.71	9	26	17	1	0	0	2	1	3	7	15	1	1.15	-	-	
		Caldecott	9 9	175	8.3	0.8	4.5	-	12.2	29	-6.1	26	-	-	2.66	-	.64	9	21	13	-	-	-	-	-	-	2	14	21	-	1.12	-	
Northampton		Bugbrooke Mills	9 9	228	8.5	1.6	5.1	-	11.7	8,19,30	-5.0	26	5.2	7.7	3.22	-	.83	9	23	20	-	-	-	-	-	-	1	7	-	-	1.17	-	
		Raunds	9 9	193	7.8	1.3	4.5	-	12.2	29	-4.4	26	4.4	8.0	2.53	132	.48	9	22	15	2	0	0	0	0	0	0	9	15	1	1.05	-	-
		Wittering	21-9	212	7.1	2.5	4.8	+0.3	12.5	29	-4.9	26	-	-	2.98	-	.73	9	22	13	4	0	2	0	0	0	0	8	14	0	1.46	-	-
Warwick		Birmingham K.E.S.**	9 9	450	8.3	2.6	5.5	-	12.8	10	-2.2	25	-	-	4.22	-	.84	19	24	18	3	1	0	1	0	0	2	-	2	-	-	-	
		Edgbaston	21-9	536	7.1	3.7	5.4	+0.7	11.3	8	-1.2	25	6.3	8.2	3.91	145	.80	9	25	17	6	1	3	0	1	0	2	10	0	1.04	85	-	
		Luddington	9 9	138	8.8	2.1	5.5	-	12.2	29	-3.9	26	-	-	2.68	142	.48	1	23	14	1	1	1	0	0	0	8	18	1	1.18	-	-	
		Stratford on Avon	9 9	160	8.8	1.4	5.1	-	11.7	8,28,30	-3.9	26	5.0	-	3.01	131	.50	1	24	18	0	0	0	0	0	0	0	9	19	2	1.25	-	-
		Elmdon	21-9	319	7.5	2.8	5.1	+0.7	11.8	8	-4.4	26	-	-	3.38	141	.78	1	23	15	4	0	2	1	1	1	8	14	2	0.94	-	-	
		Shipston on Stour	9 9	365	8.7	2.4	5.5	-	11.7	18,28,31	-2.8	26	5.7	-	3.44	-	.84	9	23	17	1	1	2	0	0	0	1	4	17	-	1.29	-	-
		Wellesbourne	9 9	153	-	-	-	-	-	-	-	-	-	-	2.66	133	.54	9	22	15	-	-	-	-	-	-	-	-	-	-	-	-	
		Moreton Morrell	9 9	280	8.4	2.2	5.3	-	11.7	19,29,30	-2.2	25	-	-	2.68	-	.55	9	20	15	1	1	1	0	0	1	6	17	1	1.07	-	-	
		Coventry	9 9	350	8.4	0.7	4.5	-	11.7	8,18	-4.4	26	5.3	7.1	3.83	-	.73	9	23	19	1	-	1	0	0	0	0	11	-	0	-	-	8
		Rugby	9 9	385	8.0	1.7	4.9	+0.9	11.7	29	-3.3	26	4.5	6.6	3.52	-	.78	9	24	16	0	-	-	-	-	-	2	8	17	0	-	-	-
Oxford		Oxford	9 9	208	9.1	3.1	6.1	+1.2	12.8	29	-1.7	26	5.0	7.1	3.16	139	.49	9	21	16	2	0	0	0	0	0	0	2	14	0	1.35	82	-
Buckingham		Medmenham	9 9	98	9.2	0.5	4.9	-	13.3	29	-7.8	26	-	-	2.74	-	.37	1	23	17	-	-	-	-	-	-	15	24	-	-	-	-	
		Grendon Underwood	9 9	220	8.7	0.7	4.7	-	12.8	29	-6.1	26	4.8	7.6	2.91	-	.59	9	20	17	0	0	0	0	0	0	-	13	24	0	1.22	-	-
		Aylesbury	9 9	316	8.4	1.8	5.1	-	12.2	29	-3.3	26	-	-	2.77	123	.70	9	16	15	1	0	1	0	0	2	8	19	2	0.78	-	-	
		Bletchley																															

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS DECEMBER, 1966

DISTRICT, COUNTY AND PLACE	Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (feet)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)			WEATHER Number of Days										BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
				MEANS OF		Mean Temperatures (Mean of A & B)	Difference from Average	HIGHEST MAXIMUM AND LOWEST MINIMUM				1 ft.	4 ft.	Total fall (inches)	Per cent of Average	Most in a Day (inches)	Precip'n (0.01 in (0.2mm) 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	Gale	Daily Mean (hr.)	Per cent of Average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
				A. Max.	B. Min.			Maximum	Date	Minimum	Date																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

DECEMBER,

1966

DISTRICT, COUNTY AND PLACE		Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (feet)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days												BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
					MEANS OF		Mean Temperatures (Mean of A & B)	Difference from Average #	HIGHEST MAXIMUM AND LOWEST MINIMUM																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
					A Max.	B Min.			Maximum	Date	Minimum	Date	1 ft.	4 ft.	Total fall (inches)	Per cent of Average #	Most in a Day Amount (inches)	Date	Precip'n -0.1in (0.2mm) or more -0.4in (1.0mm) 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	Gale	Daily Mean (hr.)	Per cent of Average #	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS DECEMBER, 1966

DISTRICT, COUNTY AND PLACE		Terminal hr. GMT of Observation	Height of Station above MSL (feet)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)			WEATHER										BRIGHT SUNSHINE						
				MEANS OF		Mean Temperature (Mean of A & B)	HIGHEST MAXIMUM AND LOWEST MINIMUM				Total fall (inches)			Per cent of Average	Most in a Day	Precip'n	Number of Days										Daily Mean (hr.)	Per cent of Average	Exposure				
A Max.	B Min.	Maximum	Date	Minimum	Date	1 ft.	4 ft.	Amount (inches)	Date	0-1/16 (0-1mm) or more	1/16-1/8 (1-2mm) 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	Gale													
85 ENGLAND, S.W.—cont.																																	
Devon	Hartland Point ...	21-9	298	9.2	7.1	8.1	-	11.3	15	2.5	25	-	-	3.91	96	.82	28	23	17	0	0	4	0	0	0	0	0	10	1.28	88	-		
	Mount Batten ...	21-9	87	10.0	6.1	8.1	+0.9	12.4	10	1.2	7	-	-	4.16	92	.95	28	25	15	2	0	1	2	0	0	0	7	3	1.23	73	S		
	Plymouth, The Hoe	9-9	119	10.3	5.1	7.7	+0.8	12.2	10,29	1.1	7	7.5	9.1	3.97	89	.83	28	26	15	0	0	0	0	0	1	0	9	2	1.33	76	-		
	Tavistock ...	9-9	457	9.6	3.6	6.6	+0.7	11.7	30,31	-0.6	7	-	-	5.82	-	.94	28	29	24	1	0	3	0	0	0	1	14	1	-	-	-		
	Chivenor ...	21-9	20	9.9	6.0	7.9	+0.8	12.8	15	0.5	7	-	-	3.52	87	.86	28	24	16	0	0	2	1	0	0	0	4	4	1.19	-	-	-	
	Ilfracombe	9-9	25	10.2	6.9	8.5	+1.1	12.2	28	2.2	25	7.8	-	5.29	121	1.13	28	22	20	0	0	0	0	0	0	0	1	3	1.25	93	-		
	Princetown ...	9-9	1359	-	-	-	-	-	-	-	-	-	-	12.79	124	2.00	28	26	25	-	-	-	-	-	-	-	-	-	-	-	-		
	Totnes ...	9-9	120	10.6	4.7	7.7	-	12.8	10	-1.7	26	7.1	9.1	4.35	77	1.04	28	22	16	1	0	0	2	0	0	1	11	3	-	-	-	-	
	Slapton ...	9-9	104	10.4	5.0	7.7	-	12.2	10,29	1.7	3,4	-	-	4.65	-	1.08	28	21	14	0	0	0	0	0	1	0	11	1	-	-	-	-	
	Newton Abbot ...	9-9	272	10.3	4.8	7.5	+1.4	12.8	8,10,29	0.0	26	-	-	3.81	81	.69	1	21	17	0	0	0	0	0	1	1	10	2	1.94	107	-	-	
	Paignton ...	9-9	8	10.7	5.0	7.9	-	13.3	10	0.6	26	-	-	3.35	75	.67	28	25	14	1	0	0	0	0	0	0	5	0	1.89	110	-	-	
	Torquay ...	9-9	26	10.9	5.4	8.1	+1.3	13.4	10	1.3	26	-	8.9	2.84	70	.55	28	20	11	0	0	1	0	0	0	0	2	4	1.94	101	-	-	
	Teignmouth	9-9	20	10.9	5.6	8.3	+1.2	13.3	10,18,31	1.7	26	-	-	2.27	59	.37	1,23	23	13	0	0	0	0	0	2	0	1	1	1.81	97	-	-	
	Starcross ...	9-9	29	10.8	4.4	(7.6)	-	13.3	18,(29)	-0.6	26	6.8	-	2.59	68	.44	28	22	14	-	-	-	-	-	-	0	1	11	-	-	-	-	
Exmouth ...	9-9	195	10.3	4.7	7.5	+1.4	13.3	18,29,31	0.6	4	-	-	2.40	65	.44	28	19	13	0	0	0	0	0	1	0	-	0	1.98	105	-	-		
Cornwall	Exeter ...	21-9	106	9.9	5.2	7.5	-	13.9	29	-1.7	26	-	-	2.68	73	.51	28	23	15	1	0	1	0	0	0	0	2	11	4	1.38	-	-	
	Scilly ...	21-9	158	10.5	8.2	9.3	+0.7	11.9	29	5.2	2	-	-	3.86	110	.57	11	23	13	0	0	0	2	0	0	0	0	7	1.42	77	-	-	
	Penzance ...	9-9	62	11.1	7.2	9.1	+1.1	12.8	29	3.9	3,5	-	-	5.19	107	.87	11	26	18	0	0	2	0	0	0	0	2	5	1.47	80	-	-	
	Gulval ...	9-9	50	10.8	6.8	8.8	+1.0	12.2	10,28,31	2.8	3	-	-	5.57	120	1.05	11	28	19	-	-	-	-	-	-	0	0	-	1.32	76	-	-	
	Culdrose ...	9-9	268	10.2	5.9	8.1	-	11.7	29,31	2.2	3,5	-	-	4.20	101	.82	28	25	18	0	0	3	0	0	2	0	3	2	1.44	-	-	-	
	Rosewarne ...	9-9	250	10.2	6.8	8.5	-	12.2	29	3.3	3	7.8	8.9	4.78	108	.79	11	26	20	1	0	2	0	0	0	0	1	4	1.11	-	-	-	
	Lizard ...	9-9	240	10.1	6.4	8.3	+0.3	11.8	29	2.1	2	-	-	3.72	96	.64	28	26	18	1	0	0	1	0	0	-	-	10	1.46	-	-	-	
	Falmouth	9-9	167	10.4	6.1	8.3	+0.8	12.2	29	2.8	3	-	-	5.08	96	1.08	28	27	19	0	0	0	1	0	0	0	1	2	1.23	69	-	-	
	Newquay ...	9-9	176	10.3	7.0	8.7	+1.5	12.2	30	2.2	25	-	-	4.07	107	1.00	28	21	17	0	-	1	2	0	-	-	3	1.07	62	-	-		
	St. Mawgan ...	21-9	337	9.8	6.9	8.3	-	11.9	15,30	1.7	3	-	-	4.57	107	1.06	28	25	17	0	0	2	2	0	0	0	1	4	1.23	-	-	-	
	St. Austell ...	9-9	310	10.2	4.4	7.3	-	12.8	29	1.1	25	-	-	6.84	121	1.09	28	29	25	0	0	2	0	0	7	0	-	0	-	-	-	-	
	Fowey ...	9-9	136	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Bude ...	9-9	50	10.4	6.4	8.4	+1.5	12.8	15	0.6	25	6.4	-	3.72	98	1.16	28	25	17	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Ellbridge ...	9-9	190	-	4.2	-	-	-	-	-0.6	7	-	-	5.31	108	.93	28	29	20	0	0	2	0	1	0	1	9	5	1.56	85	-	-	
9 NORTHERN IRELAND																																	
Londonlerry	Loughmore Forest	9-9	570	6.8	1.4	4.1	-	10.6	17,19	-3.9	25	-	-	8.72	-	.87	9	31	29	3	1	0	0	0	0	1	6	20	2	-	-	-	
	Ballykelly	21-9	6	7.9	4.0	5.9	+0.3	12.3	17	-3.2	25	5.7	7.9	6.05	158	.59	9	28	25	6	1	4	4	0	0	2	8	5	1.07	85	-	-	
	Derrynoyd Forest	9-9	290	7.4	2.2	4.8	-	11.7	17	-2.2	25,26	-	-	8.59	-	1.03	1	31	28	4	2	0	1	0	1	4	13	1	-	-	-	-	
	Somerset Forest	9-9	140	7.7	2.6	5.1	-	12.2	17	-1.7	25	-	-	6.39	-	.58	9	30	27	2	1	1	0	0	1	4	8	1	-	-	-	-	
	Garvagh Forest	9-9	290	7.4	1.9	4.7	-	12.2	17	-2.2	25,26	-	-	8.48	-	.83	9	31	27	6	2	2	0	0	0	0	6	16	1	-	-	-	-
	Moneydig	21-9	112	7.2	2.9	5.1	+0.2	13.0	17	-3.3	25	5.5	-	7.04	161	.68	29	29	25	8	1	4	0	0	0	4	10	3	-	-	-	-	
	Portrush ...	-	30	-	-	-	-	-	-	-	-	-	-	5.98	161	.50	9	29	29	-	-	-	-	-	-	-	-	-	0.84	-	-	-	
	Ballymoney ...	9-9	180	7.7	2.8	5.3	-	11.1	19	-1.7	25	-	-	5.76	-	.57	9	30	26	1	-	0	2	0	0	2	-	1	-	-	-	-	
	Lisnafillan ...	9-9	124	7.8	1.8	4.8	-	12.2	17,19	-3.3	25,26	-	-	6.66	-	.70	29	30	26	1	2	0	0	0	0	6	7	16	1	1.19	-	-	-
	Aldergrove	21-9	225	6.8	2.9	4.9	0.0	10.6	18	-3.4	25	5.2	8.0	5.15	132	.61	28	29	24	6	1	2	0	0	0	4	12	3	1.00	90	-	-	
	Greenmount ...	9-9	105	7.8	2.3	5.1	-	10.6	14,17,19	-3.3	25	5.1	-	5.15	-	.58	28	31	24	1	2	0	0	0	0	-	4	15	-	-	-	-	
	Altnahinch ...	9-9	742	6.3	1.7	4.0	-	10.5	17	-6.1	25	-	-	9.04	-	.67	14	31	29	4	2	4	0	0	0	4	14	2	0.59	-	-	-	-
	Parkmore Forest	9-9	770	6.2	0.9	3.5	-	10.6	17	-7.2	25	4.6	-	13.96	-	1.34	19	31	30	4	3	1	0	0	4	7	18	6	-	-	-	-	
	Black Mountain	21-9	969	5.2	1.3	3.3	-	9.4	18	-3.2	2	-	-	6.45	-	.72	1,3	31	23	4	-	1	0	0	0	10	10	-	5	-	-	-	-
Lowtown ...	9-9	890	6.0	0.8	3.4	-	10.0	17	-3.9	26	4.4	-	10.54	-	.92	19	30	28	2	3	0	0	0	0	9	10	17	1	0.94	-	-	-	
Down	Ballypatrick Forest	9-9	500	7.2	2.2	4.7	-	11.7	17	-1.7	25	-	-	7.51	-	.71	19	30	24	8	1	5	0	2	0	5	7	3	1.00	-	-	-	-
	Newtownabbey ..	9-9	105	8.3	3.4	5.9	-	12.2	17	-1.1	25,26	5.6	-	6.61	-	.67	9	29	26	6	1	3	0	0	1	3	10	5	1.37				

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (ft.)		Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Yards and Miles)										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	0-44 yds.	45-210 yds.	220-430 yds.	440-1,000 yds.	1,100-2,100 yds.	2,200-4,300 yds.	3-8 mi.	7-12 mi.	13-24 mi.	25 or over mi.	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	
																										8 or more	6, 7	4, 5	1-3	Calm									
																										34 or more	22/23	11-21	1-10	0									
Number of Observations																																							
0 SCOTLAND, N.																																							
Zetland Lerwick	273 ft.	3	995.7	-	3.3	0.9	6.7	85	5.8	2	4	5	7	13	0	0	0	0	0	0	2	4	9	9	7	2	9	13	7	0	0	3	0	0	2	5	8	5	8
		9	995.5	-10.2	3.2	0.9	6.6	85	6.2	0	3	6	12	9	1	0	1	0	0	0	0	0	4	12	11	3	0	9	12	9	1	1	0	3	0	2	5	8	
		15	995.8	-	3.6	0.9	6.8	86	6.3	0	2	6	14	9	0	0	1	0	0	0	0	0	5	7	10	3	0	9	12	9	1	1	0	3	0	2	5	8	
		21	996.7	-	3.4	0.9	6.7	85	5.8	1	4	8	4	14	0	0	0	0	0	1	0	4	7	10	5	2	14	10	3	2	2	0	2	0	2	5	8		
		3	997.6	-	3.6	0.7	7.0	87	5.4	0	6	9	7	9	0	0	0	0	0	0	0	4	4	22	5	2	14	10	3	2	2	0	1	0	2	5	8		
Orkney Kirkwall	86 ft.	9	997.4	-8.7	3.3	0.6	7.0	89	5.8	0	3	13	7	0	0	0	0	0	0	0	0	4	3	21	1	1	1	10	6	0	1	1	0	2	0	0	5	8	
		15	997.2	-	4.1	0.8	7.1	85	6.3	0	2	5	15	9	0	0	0	0	0	0	0	4	3	23	3	3	6	15	6	0	1	1	0	2	0	0	5	8	
		21	998.8	-	3.8	0.7	7.1	87	5.8	0	4	9	8	10	0	0	0	0	0	0	0	4	3	23	1	1	8	16	4	2	2	0	1	1	0	2	5	8	
		3	998.1	-	3.1	0.8	6.7	87	4.8	1	7	9	5	2	0	0	0	0	2	0	0	3	5	17	1	1	3	17	10	0	2	0	2	0	2	5	8		
		9	998.1	-8.6	3.1	0.8	6.6	86	5.5	0	6	5	10	10	0	0	1	0	0	0	3	4	13	10	0	6	20	5	0	2	0	3	0	2	5	8			
Caithness Wick	121 ft.	9	998.6	-	3.8	0.8	7.0	86	5.5	0	5	12	9	0	0	0	0	0	0	0	0	3	4	13	10	0	6	20	5	0	2	0	3	0	2	5	8		
		15	999.2	-	3.8	0.9	6.9	85	5.1	1	6	8	6	10	0	0	0	0	0	0	1	1	10	7	1	5	16	7	2	2	0	2	0	2	5	8			
		21	996.5	-	4.8	0.8	7.6	87	6.4	0	1	5	16	9	0	0	0	0	0	0	0	2	8	16	5	1	4	19	7	2	2	0	1	2	1	3	8	4	
		3	996.2	-	4.9	0.7	7.7	88	6.9	0	0	5	11	15	0	0	0	0	0	0	0	0	3	3	25	6	11	7	7	0	0	1	2	1	3	10	4		
		15	997.6	-	4.9	0.8	7.7	88	6.9	0	0	5	10	14	2	0	0	1	0	1	0	2	4	9	14	5	12	7	4	3	3	1	2	0	2	7	8		
Ross & Cromarty Stornoway	16 ft.	3	999.6	-	3.6	0.6	7.2	90	5.4	1	5	7	7	11	0	0	0	0	0	0	0	4	9	16	2	1	10	4	13	3	2	0	2	1	4	8	9	2	
		9	999.3	-6.7	3.8	0.6	7.4	90	5.5	0	5	10	8	8	0	0	0	0	0	0	1	4	8	17	1	1	8	11	8	3	1	0	3	0	6	7	6		
		15	999.8	-	4.8	0.7	7.7	87	6.4	0	3	3	13	12	0	0	0	0	0	2	1	18	7	3	1	7	10	12	1	2	1	3	2	6	7	5			
		21	1000.5	-	4.1	0.5	7.6	91	5.1	2	7	4	8	10	0	0	0	0	0	0	0	2	14	14	1	1	3	16	10	1	3	0	2	1	4	9	6		
		3	1000.5	-	5.4	0.9	7.8	86	5.2	1	6	6	8	10	0	0	0	0	0	0	0	3	10	13	5	4	8	14	5	0	3	0	3	2	4	2	15		
Inverness Benbecula	21 ft.	9	1000.1	-6.2	5.2	0.8	7.9	88	5.7	0	5	7	11	8	0	0	0	0	0	0	0	5	11	11	4	5	8	11	7	0	2	1	2	3	5	6	10		
		15	1000.5	-	5.7	0.8	8.1	87	5.5	0	2	4	17	8	0	0	0	0	0	1	4	11	11	4	2	13	13	3	0	2	2	2	2	3	6	8			
		21	1001.3	-	5.5	0.7	8.1	88	5.9	1	3	5	12	10	0	0	0	0	0	0	2	11	14	4	1	9	17	3	1	4	0	3	1	5	4	9			
1 SCOTLAND, E.																																							
Moray Kinloss	19 ft.	3	999.9	-	3.7	1.0	6.8	84	6.1	1	3	4	13	10	0	0	0	0	0	0	2	4	10	15	1	5	15	10	0	1	0	2	0	5	14	9	0		
		9	999.9	-7.5	3.2	0.9	6.6	85	5.4	0	7	5	10	9	0	0	0	0	0	0	0	2	5	15	9	0	6	14	11	0	1	0	2	0	7	14	5		
		15	1000.0	-	4.4	0.9	7.2	85	6.2	0	2	6	17	6	0	0	0	0	0	0	1	2	11	9	8	0	3	16	10	2	0	0	3	0	7	7			
		21	1000.8	-	4.1	1.1	6.9	83	6.1	0	6	1	13	11	0	0	0	0	0	0	0	3	9	9	10	0	2	19	10	0	0	1	3	0	8	10			
		3	1000.2	-	3.2	1.0	6.5	83	5.1	6	2	3	12	8	0	0	0	0	0	0	1	3	13	7	7	0	1	19	9	2	1	1	0	1	7	2			
Aberdeen Dyce	193 ft.	9	1000.4	-8.1	2.5	0.9	6.2	84	4.8	0	7	8	9	7	0	0	0	0	0	0	1	4	11	9	6	0	1	16	12	2	1	0	1	1	5	6	11		
		15	1000.2	-	3.8	1.0	6.7	82	5.5	0	5	12	6	0	0	0	0	0	0	0	6	9	8	4	4	0	4	13	9	5	1	0	1	1	5	3			
		21	1001.1	-	2.8	0.9	6.4	84	4.5	3	8	4	10	6	0	0	0	0	2	3	6	8	4	8	0	2	18	8	3	1	0	1	0	6	4				
		3	1000.1	-	4.2	1.0	7.0	84	5.6	1	3	4	20	3	0	0	0	0	0	2	2	20	0	0	1	8	18	4	0	2	0	2	1	11	2				
		9	999.9	-7.6	3.4	0.8	6.8	86	5.6	1	2	8	19	1	0	0	0	0	0	0	2	27	2	0	0	10	11	10	0	3	0	1	1	6	7				
Angus T/Jan	114 ft.	15	999.8	-	4.4	0.9	7.2	86	5.3	0	3	10	16	2	0	0	0	0	0	1	3	23	4	0	2	11	6	12	0	2	0	2	0	11	2	12			
		21	1000.9	-	3.8	0.8	7.1	87	5.5	0	6	5	14	6	0	0	0	0	0	0	6	25	0	0	1	14	6	9	1	0	0	1	1	11	2				
		3	1000.4	-	4.1	1.0	7.0	83	4.4	2	10	5	5	9	0	0	0	0	0	1	3	4	7	16	0	2	17	12	0	1	0	1	1	2	5				
		9	1000.9	-	3.5	1.0	6.6	82	4.6	0	11	4	9	7	0	0	0	0	0	1	4	7	6	19	0	5	16	10	0	3	0	1	0	3	5				
		15	1000.5	-	4.5	1.0	7.1	83	5.2	0	5	10	8	8	0	0	0	0	0	1	4	7	6	13	0	1	15	14	1	1	0	2	0	3	5				
Fife Leuchars	38 ft.	21	1001.3	-	3.8	1.0	6.8	82	3.9	4	12	1	7	7	0	0	0	0	0	0	4	5	7	15	0	3	17	11	0	4	0	1	3	7	11	5			
		3	1001.0	-	3.6	1.0	6.7	82	4.8	4	7	3	5	12	0	0	0	0	0	1	5	7	13	5	0	3	20	6	2	1	0	1	2	1	10				
		9	1001.4	-1.7	2.8	0.8	6.5	85	4.8	0	11	4	9	7	0	0	0	0	0	1	2	11	5	12	0	3	15	12	1	0	1	3	1	10					
		15	1001.0	-	4.5	1.1	7.1	83	5.5	0	6	7	11	7	0	0	0	0	0	3	9	5	10	4	0	4	15	10	2	2	0	2	1	1	9				
		21	1001.9	-	3.5	0.9	6.8	84	4.9	2	7	5	12	9	0	0	0	0	0	1	9	8	10	3	0	5	16	8	2	2	0	1	2	1	12				
Midlothian Turnhouse	144 ft.	3	1002.5	-	3.7	1.0	6.8	84	5.3	2	7	1	11	10	0	0	0	0	0	0	0	13	6	2	0	4	10	15	2	0	0	1	2	1	13				
		9	1002.8	-6.8	3.2	0.8	6.7	85	5.2	0	9	5	10	7	0	0	0	0	0	0	11	15	4	1	0	2	14	13	2	0	1	3	0	1	12				
		15	1002.3	-	4.9	1.1	7.3	83	5.4	0	3	2	17	9	0	0	0	0	2	4	4	17	3	1	0	3	14	11	3	1	1	0	2	9					
		21	1003.1	-	4.0	0.9	7.0	84	5.6	2	6	2	10	11	0	0	0	0	0	1	10	18	2	0	0	3	15	11	2	0	2	0	3	10					
6a SCOTLAND, W.																																							
Argyll Tiree	34 ft.	3	1001.8	-	5.8	0.7	8.3	89	6.2	1	3	4	9	14	0	0	0	0	0	1	0	2	18	6	4	3	9	12	7	0	1	0	2	3	4	13			
		9	1001.5	-6.0	5.7	0.7	8.2	87	6.1	0	3	8	10	10	0	0	0	0	0																				

TABLE-IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS DECEMBER, 1966

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (ft.)		Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Yards and Miles)					WIND SPEED AND DIRECTION																		
			At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	0	1-2	3-5	6-7	8	9	0-44 yds.	45-210 yds.	220-430 yds.	440-1,000 yds.	1,100-2,190 yds.	2,200-4,390 yds.	3-6 mi.	7-12 mi.	13-24 mi.	25 or over mi.	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																																					
2 ENGLAND, N.E.																																					
Northumberland Acklington 151 ft.	3	1002.6	-	3.8	0.7	7.1	87	5.3	6	2	4	6	13	0	0	0	0	1	4	5	6	12	3	1	2	17	11	0	1	1	0	0	9	5	13	2	
	9	1003.1	-7.1	3.1	0.9	6.5	84	5.0	0	6	9	9	6	1	0	0	0	1	0	4	1	6	13	6	0	3	13	14	1	0	1	1	1	4	5	16	2
	15	1002.7	-	4.4	1.1	7.0	82	5.4	0	6	12	6	1	0	0	0	2	0	4	3	6	10	6	1	4	10	16	0	1	0	0	0	8	5	15	2	
	21	1003.4	-	3.8	0.8	7.1	87	5.3	2	7	4	5	13	0	0	0	0	2	2	6	10	9	2	0	3	18	10	0	1	0	1	0	7	6	10	6	
Tynemouth 130 ft.	3	1003.7	-	4.6	0.8	7.5	86	5.2	5	3	5	7	11	0	0	0	0	0	1	5	13	12	0	0	2	23	5	0	1	0	1	0	5	3	17	4	
	9	1004.3	-6.5	4.0	0.9	7.0	85	4.8	0	9	7	8	7	0	0	0	0	0	7	8	16	0	0	0	6	17	8	0	0	1	0	0	6	2	21	1	
	15	1003.9	-	5.0	1.1	7.3	82	5.5	1	5	6	10	9	0	0	0	0	6	9	7	9	0	0	0	6	15	8	2	3	0	0	0	5	4	15	2	
	21	1004.4	-	4.6	0.7	7.6	88	5.3	6	1	5	8	11	0	0	1	0	1	5	12	11	1	0	1	5	15	10	0	2	0	1	0	6	4	16	2	
Seahouses 41 ft.	3	1002.2	-	4.4	1.2	6.9	81	4.4	2	10	5	5	9	0	0	0	0	2	0	4	11	14	0	1	4	8	17	1	2	1	0	1	3	4	17	2	
	9	1002.8	-	3.8	1.2	6.4	79	4.8	0	10	5	9	7	0	0	0	0	2	6	9	12	2	0	0	11	20	0	2	0	1	0	0	5	2	21	0	
	15	1002.4	-	5.0	1.5	6.8	77	5.1	0	7	7	10	7	0	0	0	1	0	2	6	6	11	5	2	3	7	18	1	1	2	1	0	7	1	18	0	
	21	1003.4	-	4.5	1.2	6.9	81	5.1	0	7	9	6	9	0	0	0	1	2	0	6	12	10	0	0	2	12	16	1	4	0	1	0	5	2	16	2	
Yorks, N. Riding Leeming 109 ft.	3	1004.5	-	4.4	1.1	7.1	82	5.5	2	5	5	7	12	0	0	0	1	2	5	1	9	5	8	0	2	18	10	1	2	0	0	3	6	1	16	2	
	9	1005.0	-	3.9	1.1	6.8	83	5.2	0	9	3	12	6	1	0	0	2	2	2	4	6	13	0	2	13	13	3	1	0	0	0	8	1	14	4		
	15	1004.9	-	5.4	1.5	7.0	78	5.6	0	7	3	13	7	1	0	0	2	2	0	1	5	3	8	10	0	1	18	11	1	2	0	0	3	5	0	15	5
	21	1005.3	-	4.3	1.0	7.2	84	5.6	0	8	4	5	12	2	0	2	2	1	4	5	2	10	5	0	3	13	14	1	1	2	0	3	8	0	10	6	
Whitby Coastguard 218 ft.	3	1003.7	-	4.9	0.6	8.0	91	4.8	3	8	3	6	11	0	0	0	0	1	0	11	18	1	0	0	8	17	6	0	1	0	0	2	8	7	10	6	
	9	1004.7	-	4.4	0.6	7.7	90	5.6	0	7	5	9	10	0	0	0	0	0	2	9	15	5	0	0	7	20	4	0	1	1	0	2	5	5	15	2	
	15	1004.3	-	5.1	0.7	7.8	88	5.4	0	7	4	13	7	0	0	0	0	0	1	15	12	3	0	2	6	16	7	0	1	0	0	0	8	5	14	3	
	21	1004.7	-	4.7	0.5	7.9	91	4.7	1	10	4	7	9	0	0	0	0	1	3	12	14	1	0	1	9	16	5	0	1	0	1	1	10	4	11	3	
Yorks, E. Riding Leconfield 28 ft.	3	1005.1	-	4.1	0.7	7.4	88	5.5	2	3	9	12	0	0	0	0	5	5	12	3	1	0	0	3	18	9	1	1	1	0	0	2	6	5	12	3	
	9	1005.6	-6.4	4.1	0.8	7.3	87	6.2	0	3	4	13	10	1	0	1	0	1	0	6	7	8	7	1	0	0	16	12	3	1	0	0	2	4	6	12	3
	15	1005.5	-	5.3	1.2	7.4	82	5.7	0	5	7	11	8	0	0	0	1	3	6	5	9	4	3	0	0	17	13	1	1	0	0	0	6	3	19	1	
	21	1006.0	-	4.2	0.8	7.4	88	5.1	2	8	3	7	11	0	0	0	1	4	3	9	11	3	0	0	1	18	11	1	0	1	0	1	6	5	16	1	
Kilnsea 51 ft.	3	1005.6	-	4.3	0.5	7.7	91	5.3	6	1	6	4	14	0	0	0	1	0	3	9	18	0	0	1	12	14	4	0	1	1	0	0	5	6	11	7	
	9	1006.0	-6.3	4.4	0.6	7.7	90	5.2	1	1	8	9	12	0	0	0	0	1	3	9	18	0	0	0	8	17	5	1	0	1	0	0	4	6	11	8	
	15	1006.0	-	5.2	0.9	7.7	87	6.0	0	5	7	8	11	0	0	0	1	0	3	11	16	0	0	2	5	18	6	0	2	0	0	0	4	6	10	9	
	21	1006.6	-	4.1	0.6	7.5	90	4.8	7	3	5	3	12	1	0	0	1	0	3	12	15	0	0	1	9	15	6	0	0	0	1	0	5	3	15	7	
Lincoln Waddington 227 ft.	3	1006.4	-	4.1	0.6	7.5	90	5.0	5	2	9	3	12	0	0	0	1	3	7	6	9	4	1	0	1	16	14	0	3	0	0	2	5	9	8	4	
	9	1006.6	-6.3	4.2	0.6	7.6	90	6.8	0	3	1	12	15	0	0	0	1	2	3	17	6	2	0	0	1	16	14	0	1	1	0	2	2	13	10	2	
	15	1006.7	-	5.3	1.0	7.7	85	6.2	0	4	3	15	9	0	1	0	1	3	5	15	3	3	0	0	0	13	18	0	1	0	0	1	3	7	11	8	
	21	1007.3	-	4.0	0.6	7.4	90	5.1	4	4	5	5	13	0	0	2	1	2	7	9	8	2	0	0	1	11	18	1	1	0	0	1	6	10	8	4	
Binbrook 356 ft.	3	1005.7	-	3.7	0.7	7.1	88	5.4	6	2	2	11	8	2	0	1	1	0	2	6	4	9	6	2	1	3	19	8	1	1	0	0	8	8	8	5	
	9	1006.1	-	3.6	0.6	7.3	90	6.5	0	3	3	13	12	0	0	0	2	2	15	7	3	2	0	0	4	19	7	1	1	0	0	1	4	9	13	2	
	15	1006.1	-	4.5	1.0	7.1	84	6.2	0	5	1	17	7	1	0	0	3	0	3	12	9	1	0	0	4	16	10	1	1	0	0	1	6	5	13	4	
	21	1006.6	-	3.5	0.7	6.9	87	5.3	3	6	4	6	10	2	0	1	1	3	4	7	7	5	0	0	3	21	6	1	0	0	0	1	6	10	9	4	
Manby 47 ft.	3	1005.4	-	4.1	0.7	7.4	89	5.3	7	1	4	4	15	0	0	0	0	2	5	11	9	3	1	0	1	18	11	1	1	1	0	0	6	6	10	6	
	9	1005.8	-7.0	4.1	0.6	7.6	90	6.5	0	3	2	13	13	0	0	0	1	1	2	17	7	3	0	0	0	19	11	1	1	0	0	1	6	3	15	4	
	15	1005.8	-	5.2	1.0	7.6	86	5.9	0	4	5	13	9	0	0	0	0	2	6	7	2	0	0	1	16	13	1	0	0	0	0	4	7	11	8		
	21	1006.4	-	3.9	0.7	7.3	89	4.7	7	4	2	7	10	1	0	1	0	1	1	5	13	7	2	1	0	2	17	11	1	0	0	0	1	6	3	17	3
3 ENGLAND, E.																																					
Norfolk Marham 79 ft.	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-</					

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

DECEMBER,

1966

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (ft.)	Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Yards and Miles)							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	0-44 yds.	45-210 yds.	220-430 yds.	440-1,000 yds.	1,100-2,190 yds.	2,200-4,390 yds.	3-6 mi.	7-12 mi.	13-24 mi.	25 or over mi.	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																																						
4 MIDLAND COUNTIES —cont.																																						
Finningley 46 ft.	3	1006.0	-	4.7	0.9	7.5	86	5.1	6	3	5	7	10	0	0	0	0	0	2	9	3	9	7	1	0	1	12	16	2	2	0	0	2	7	3	11	4	
	9	1006.4	-6.0	4.6	0.9	7.4	86	5.0	3	4	10	14	0	0	0	0	0	2	4	8	8	7	1	0	0	12	16	3	1	0	0	2	7	2	11	5		
	15	1006.3	-	5.8	1.3	7.5	81	5.8	2	3	5	13	7	1	0	1	0	1	2	3	7	14	1	2	0	15	13	1	1	0	0	2	7	1	15	4		
	21	1006.7	-	4.8	0.9	7.5	86	4.9	6	2	4	10	9	0	0	0	0	2	1	10	9	6	3	0	0	2	15	13	1	1	0	0	2	7	1	14	4	
	3	1007.4	-	4.3	0.7	7.6	89	4.9	6	3	5	7	10	0	0	0	0	0	2	9	3	9	7	1	0	2	17	11	1	2	0	0	0	5	6	13	4	
	9	1007.4	-6.0	4.5	0.7	7.7	89	5.0	3	4	10	14	0	0	0	0	0	0	3	4	8	8	7	1	0	1	13	15	2	2	0	0	2	4	7	10	4	
Northampton Wittering 219 ft.	15	1007.5	-	5.7	1.1	7.8	84	5.9	2	3	5	13	7	1	0	1	0	1	2	3	7	14	1	2	0	4	13	13	1	1	0	0	0	5	5	11	8	
	21	1008.2	-	4.3	0.7	7.5	89	5.2	6	2	4	10	9	0	0	0	2	1	10	9	6	3	0	0	3	14	14	0	0	0	1	1	6	4	16	3		
	3	1008.0	-5.6	5.2	0.7	8.1	90	6.8	0	1	6	10	14	0	0	0	0	4	5	18	3	1	0	0	2	6	23	0	3	0	0	2	7	8	9	2		
	9	1008.2	-	6.0	1.2	7.7	82	6.1	1	2	4	15	9	0	0	0	0	1	8	16	6	0	0	0	1	12	18	0	1	0	0	1	4	8	14	3		
	15	1008.8	-	5.2	0.9	7.8	87	5.8	2	4	3	7	14	1	0	0	2	2	6	12	9	0	0	0	2	11	18	0	0	0	1	1	6	8	12	3		
	21	1008.0	-	4.9	0.7	7.8	88	5.2	2	7	5	5	12	0	0	0	0	3	3	13	9	3	0	0	0	2	15	12	2	1	0	0	3	4	8	9	4	
Elmdon 362 ft.	3	1008.0	-	4.8	0.5	8.1	92	7.1	0	0	4	13	14	0	0	0	0	1	2	11	15	1	1	0	0	2	9	19	1	3	0	0	3	5	7	9	3	
	9	1008.1	-	6.1	1.1	8.0	84	6.0	0	2	6	15	8	0	0	0	0	5	9	14	3	0	0	0	5	13	13	0	0	0	0	6	6	10	9			
	15	1008.9	-	5.1	0.9	7.7	87	5.9	2	4	2	9	14	0	0	0	2	8	10	9	2	0	0	0	2	10	17	2	0	0	0	1	5	9	8	6		
	21	1007.5	-	5.3	0.8	8.0	88	5.9	2	5	3	6	15	0	0	0	0	0	2	5	7	14	3	0	1	13	15	2	1	0	0	1	6	7	11	3		
	3	1007.9	-	5.2	0.6	8.2	91	6.9	0	0	4	16	11	0	0	0	1	1	2	7	12	8	0	0	1	10	19	1	4	0	0	1	5	6	7	7		
	9	1008.3	-	6.6	1.2	8.1	83	6.3	0	2	7	13	9	0	0	0	0	0	2	5	11	12	1	0	5	12	14	0	0	0	0	1	5	6	11	8		
Warwick Edgbaston 542 ft.	15	1008.3	-	5.2	0.7	8.0	89	5.9	0	6	5	6	13	1	0	1	0	1	1	8	9	11	0	1	2	12	15	1	1	1	1	0	6	6	8	7		
	3	1008.6	-	5.6	0.9	8.0	86	5.8	2	4	5	4	16	0	0	0	0	0	2	9	4	10	6	0	4	13	11	3	1	0	0	1	5	8	11	2		
	9	1008.5	-	5.9	0.7	8.5	89	7.0	0	0	3	15	13	0	0	0	0	1	1	7	11	10	1	1	3	10	16	1	3	0	0	0	5	10	10	2		
	15	1008.8	-	7.3	1.5	8.0	78	6.4	0	2	5	16	8	0	0	0	0	0	1	8	7	14	1	0	4	16	11	0	2	0	0	0	6	9	9			
	21	1009.4	-	5.8	1.0	7.9	85	6.1	1	4	5	5	16	0	0	0	0	1	2	5	7	10	6	0	4	14	11	2	0	0	0	6	9	11	3			
	3	1008.8	-5.0	6.6	0.9	8.6	86	6.9	0	0	5	12	14	0	0	0	0	0	0	0	7	1	20	3	0	1	10	19	1	3	0	0	0	3	13	11	0	
Hereford Ross-on-Wye 226 ft.	9	1009.1	-	7.7	1.8	7.9	75	5.7	0	4	9	8	10	0	0	0	0	0	0	1	0	19	5	0	3	9	19	0	0	0	0	0	5	7	12	7		
	15	1009.6	-	6.5	1.3	8.0	82	5.7	3	3	11	11	0	0	0	0	0	0	2	8	3	18	0	0	2	7	22	0	0	0	0	1	6	9	15	0		
	21	1009.9	-	6.4	0.6	8.9	90	5.7	5	4	0	2	20	0	0	0	1	0	3	10	15	2	0	0	1	9	19	2	0	0	0	3	2	12	11	1		
	3	1009.9	-4.4	6.8	0.7	9.2	90	7.0	0	1	3	12	15	0	0	0	0	2	4	13	8	3	1	0	5	10	14	2	2	0	1	0	4	12	10	0		
	9	1010.0	-	7.7	1.3	8.6	81	5.9	1	3	5	13	9	0	0	0	0	1	2	11	10	7	0	0	4	10	16	1	0	0	0	5	7	13	5			
	15	1011.0	-	6.4	0.9	8.5	87	5.6	3	8	2	15	0	0	0	0	0	1	3	14	11	2	0	0	4	7	16	4	0	0	0	1	3	13	10	0		
Gloucester Filton 197 ft.	3	1009.4	-	6.4	1.0	8.4	85	5.8	2	4	4	5	16	0	0	0	0	0	2	1	13	9	6	0	0	0	11	18	2	0	0	0	1	5	13	7	3	
	9	1009.4	-	6.8	0.7	8.8	87	7.0	0	0	2	16	13	0	0	0	0	2	3	12	7	6	1	0	1	11	15	4	3	0	0	0	4	14	6	0		
	15	1009.6	-	8.0	2.6	8.4	78	6.0	0	2	8	14	7	0	0	0	0	1	5	10	5	5	0	0	1	10	19	1	4	0	0	0	5	7	8	6		
	21	1010.4	-	6.7	1.3	8.1	81	5.6	1	7	3	8	12	0	0	0	0	2	5	11	6	7	0	0	1	12	16	2	1	0	0	2	2	8	12	4		
	3	1008.9	-	4.3	0.5	7.7	90	5.2	3	6	4	2	16	0	0	2	1	0	1	0	13	4	5	5	0	1	12	16	2	1	0	0	2	2	8	3		
	9	1008.8	-5.3	4.8	0.4	8.2	92	7.0	0	1	3	12	13	2	0	3	2	1	2	7	5	8	2	0	3	9	17	2	4	0	0	0	3	10	9	3		
Gloucester 79 ft.	15	1009.0	-	5.7	1.0	7.8	85	6.3	0	3	3	14	10	1	0	1	0	1	0	1	7	12	7	2	0	1	10	19	1	2	0	0	0	5	3	11	9	
	21	1009.8	-	4.6	0.7	7.6	88	5.5	3	5	3	7	12	1	0	2	2	1	0	4	9	11	1	0	4	12	14	1	0	0	0	1	3	7	14	5		
	5 ENGLAND, S.E.																																					
	Greater London Heathrow 86 ft.	3	1009.4	-	5.2	0.7	8.1	89	5.2	4	5	3	5	14	0	0	0	0	1	2	2	11	7	8	0	0	1	14	16	0	0	0	1	2	5	6	15	2
		9	1009.3	-	5.8	0.8	8.4	89	7.0	0	2	1	11	17	0	0	0	0	0	3	5	2	17	4	0	1	0	13	16	1	2	0	0	3	4	6	12	3
		15	1009.1	-	7.3	1.4	8.3	81	6.0	0	2	3	15	11	0	0	0	0	0	2	1	4	17	7	0	1	0	15	14	1	4	0	0	1	3	5	10	7
21		1010.3	-	5.5	0.8	8.0	87	5.2	7	2	3	4	15	0	0	0	0	0	3	5	6	12	5	0	0	1	12	17	1	0	0	0	7	5	18	0		
3		1009.5	-5.1	6.2	1.1	8.2	84	6.9	0																													

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

DECEMBER, 1966

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (ft.)		Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Yards and Miles)							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	0-44 yds.	45-210 yds.	220-430 yds.	440-1,080 yds.	1,100-2,190 yds.	2,200-4,390 yds.	3-6 mi.	7-12 mi.	13-24 mi.	25 or over mi.	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														
7a ENGLAND, N.W.																																								
Cumberland Carlisle	92 ft.	3	1004.1	-	4.5	0.7	7.6	88	6.1	1	3	5	9	13	0	0	0	0	0	0	3	12	11	5	0	0	3	13	13	2	0	1	2	4	0	11	9	2		
		9	1004.4	-	4.0	0.8	7.2	87	5.8	0	4	8	12	7	0	0	0	0	0	0	0	1	8	17	3	2	0	0	2	10	14	4	0	0	2	4	2	9	10	0
		15	1004.2	-	5.7	1.1	7.8	83	6.4	0	1	8	11	11	0	0	0	0	0	0	0	3	8	16	3	1	0	0	2	13	14	2	1	1	1	4	2	8	11	1
Westmorland Great Dun Fell	—	3	1004.8	-	4.9	0.9	7.7	86	5.4	3	5	4	8	11	0	0	0	0	0	0	0	13	13	5	0	0	1	1	10	17	2	0	1	2	2	5	7	10	2	
		9	-	-	-6.0	0.1	5.9	98	7.5	2	0	0	0	0	29	12	17	0	0	0	0	0	0	2	0	5	5	17	3	1	0	1	2	0	0	0	6	7	13	3
		15	-	-	-10.2	0.1	5.7	98	7.4	2	0	1	1	1	26	9	17	0	0	0	0	0	0	1	4	0	5	8	15	2	1	0	1	0	0	0	6	7	13	3
Lancashire Squires Gate	35 ft.	3	-	-	-5.3	1.4	5.8	98	7.5	0	1	2	1	3	24	9	15	0	0	1	0	1	1	3	1	5	10	11	4	1	2	0	0	0	0	2	14	11	1	
		9	-	-	-4.9	0.1	6.0	98	8.0	0	0	0	0	1	30	14	16	0	0	0	0	0	0	1	0	4	15	11	1	0	4	1	1	1	3	11	9	1		
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Speke	85 ft.	3	1006.0	-5.9	5.4	0.5	8.3	92	6.5	0	2	3	15	11	0	0	0	0	1	2	4	12	10	2	0	1	3	15	11	1	2	0	1	4	4	1	10	8		
		9	1006.0	-	6.5	0.9	8.5	87	6.3	0	1	4	14	12	0	0	0	0	1	3	6	7	13	1	0	2	8	13	7	1	1	1	2	5	0	4	13	5		
		15	1006.3	-	5.9	0.6	8.4	90	5.3	0	4	6	11	10	0	0	0	0	0	2	8	8	11	2	0	0	9	15	7	0	1	1	1	5	2	2	12	7		
Cheshire Ringway	251 ft.	3	1006.4	-	5.7	0.7	8.3	89	5.6	1	6	2	10	12	0	0	0	0	0	1	3	5	16	4	2	0	1	16	13	1	1	0	1	4	4	6	7	7		
		9	1006.8	-	5.5	0.7	8.1	89	6.2	0	3	3	16	9	0	0	0	0	0	2	7	12	8	2	0	1	3	9	14	1	1	0	0	3	5	1	11	6		
		15	1006.8	-	6.7	1.1	8.3	84	6.2	0	4	4	12	11	0	0	0	1	0	0	4	13	8	4	1	1	4	16	7	3	0	0	0	3	4	2	16	3		
Cheshire Ringway	251 ft.	3	1007.2	-	5.8	0.8	8.1	86	5.1	0	9	3	13	6	0	0	0	1	0	3	11	10	5	1	0	5	14	10	2	0	0	1	2	6	3	12	4			
		9	1006.6	-	4.8	0.6	7.9	90	6.3	1	5	0	7	18	0	0	0	0	1	3	5	11	11	0	0	0	1	14	13	3	1	1	1	1	12	2	9	2		
		15	1006.8	-5.9	4.6	0.6	7.8	90	6.7	0	2	4	13	12	0	0	0	1	3	2	17	8	0	0	0	3	9	18	1	1	1	0	1	10	5	12	0			
7b NORTH WALES	63 ft.	3	1006.9	-	5.9	1.1	7.9	84	6.3	0	3	4	14	10	0	0	0	0	6	2	11	12	0	0	1	1	14	13	2	0	0	0	1	9	5	11	3			
		9	1007.2	-	5.2	0.8	7.9	87	6.1	0	5	5	7	14	0	0	0	0	4	8	16	3	0	0	1	0	17	11	2	0	0	0	1	10	4	12	2			
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Anglesey Valley	37 ft.	3	1006.8	-	7.4	0.7	9.3	89	6.1	3	2	4	18	0	0	0	0	0	0	0	5	12	13	1	2	8	15	5	1	1	1	0	0	3	9	10	7			
		9	1007.3	-4.4	7.2	0.8	9.1	89	6.6	0	6	17	8	0	0	0	0	0	0	3	1	11	12	4	3	6	12	8	2	3	1	0	0	5	5	11	4			
		15	1007.4	-	7.7	1.1	9.0	85	6.4	0	2	5	11	13	0	0	0	0	0	0	3	9	11	8	2	10	15	4	0	1	1	0	0	6	7	13	6			
Caernarvon Bardsey Island	63 ft.	3	1007.7	-	7.5	0.9	9.2	87	5.9	0	8	6	13	0	0	0	0	0	0	1	5	11	11	3	1	12	15	2	1	0	1	0	6	6	10	7				
		9	1007.8	-	8.5	0.5	10.5	94	6.1	4	1	4	3	18	1	0	0	1	0	0	2	12	14	2	5	17	9	0	0	3	0	0	0	6	5	10	7			
		15	1008.1	-	8.2	0.4	10.3	94	6.7	0	0	8	7	16	0	0	0	0	1	1	2	6	16	5	3	14	10	4	0	2	0	0	0	5	5	10	9			
8a SOUTH WALES	123 ft.	3	1008.5	-	8.4	0.7	10.0	90	6.5	0	1	6	8	16	0	0	0	0	0	1	1	5	17	7	5	15	8	2	1	1	0	0	2	5	6	8	8			
		9	1008.8	-	8.5	0.5	10.4	93	6.2	2	1	7	4	17	0	0	0	0	0	0	3	12	15	4	6	15	10	0	0	0	0	0	1	5	5	11	9			
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Cardigan Aberporth	439 ft.	3	1009.0	-	7.0	0.7	9.1	89	6.2	1	5	2	5	18	0	0	0	0	1	2	10	7	11	0	2	11	16	2	0	1	0	0	1	3	10	8	8			
		9	1009.4	-3.4	7.0	0.7	9.0	88	6.7	0	1	6	12	12	0	0	0	0	1	0	8	15	6	1	1	10	14	6	0	2	0	0	1	4	5	10	7			
		15	1009.3	-	7.1	1.0	8.7	85	6.7	0	1	4	15	11	0	0	0	0	0	2	4	18	3	4	3	10	12	5	1	1	0	0	1	6	5	10	7			
Pembroke Milford Haven C.B.	128 ft.	3	1010.1	-	7.0	0.9	8.7	85	6.7	0	2	5	19	0	0	0	0	0	0	1	9	10	8	3	4	8	17	2	0	0	0	0	0	6	6	8	11			
		9	1010.3	-	8.2	1.0	9.5	86	6.0	4	3	2	4	18	0	0	0	0	0	1	15	8	7	0	1	9	13	8	0	2	0	0	0	2	6	13	8			
		15	1010.3	-	8.2	0.9	9.6	87	6.6	0	2	6	10	13	0	0	0	0	0	1	15	10	5	0	2	4	17	7	1	3	0	1	1	1	5	10	9			
Glamorgan Mumbles	123 ft.	3	1010.5	-	8.8	1.5	9.1	79	6.5	0	3	5	7	16	0	0	0	0	0	0	15	11	5	0	3	4	18	6	0	1	0	0	1	4	4	10	11			
		9	1011.3	-	8.4	1.4	9.0	80	6.3	1	2	5	5	18	0	0	0	0	1	0	12	10	8	0	1	6	18	6	0	0	0	1	1	3	2	13	11			
		15	1011.0	-	7.4	0.8	9.3	89	6.1	1	4	5	2	19	0	0	0	0	0	3	10	10	5	3	3	6	16	6	0	0	0	2	0	2	5	19	3			
Rhoose	225 ft.	3	1010.2	-	7.4	0.7	9.4	89	6.6	0	0	9	7	15	0	0	0	1	0	1	16	8	5	0	1	9	11	10	0	3	0	1	1	1	3	17	5			
		9	1011.2	-	7.4	1.0	8.9	85	6.3	0	4	4	8	14	1	0	0	0	1	6	11	9	3	2	3	19	7	0	0	0	1	0	4	2	21	3				
		15	1010.2	-	6.4	0.5	9.0	92	5.8	4	3	3	4	15	2	0	0	2	0	2	9	8	6	4	1	3	16	11	0	0	0	1	2	1	3	16	8			
8b ENGLAND, S.W.	74 ft.	3	1010.2	-3.9	6.5	0.4	9.2	93	6.8	0	1	3	15	11	1	0	0	1	1	2	7	11</																		

TABLE VIII—NUMBER OF DAYS IN DECEMBER, 1966
WITH MAXIMUM AND MINIMUM TEMPERATURES between given limits.

STATION	MAXIMUM TEMPERATURE °C.								STATION	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		0-0 or less	-1-0 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
Lerwick	0	15	16	0	0	0	0	0	Edgbaston	0	6	21	4	0	0	0	0
Stornoway	0	9	20	2	0	0	0	0	Kew	0	2	18	11	0	0	0	0
Craibstone	1	16	12	2	0	0	0	0	Hastings	0	1	25	5	0	0	0	0
Rothsay	0	8	22	1	0	0	0	0	Southampton	0	0	13	18	0	0	0	0
Abbotsinch	0	9	19	3	0	0	0	0	Stonyhurst	0	7	22	2	0	0	0	0
Eskdalemuir	0	19	11	1	0	0	0	0	Bidston	0	3	22	6	0	0	0	0
Douglas	0	2	25	4	0	0	0	0	Valley	0	0	23	8	0	0	0	0
Cockle Park	0	17	11	3	0	0	0	0	Falmouth	0	0	10	21	0	0	0	0
Gorleston	0	8	17	6	0	0	0	0	Aldergrove	0	5	23	3	0	0	0	0
Cambridge	0	4	16	11	0	0	0	0	Armagh	0	2	22	7	0	0	0	0

TABLE XIII—SOLAR RADIATION AND ILLUMINATION, DECEMBER, 1966

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	36	9	0	27	15.6	31	23	3	0	27	13.0	31	38	9	0	27	17.7	31
Eskdalemuir	86	3	4	26	34.5	31	41	4	4	26	28.3	31	87	3	5	15	37.8	31
Cambridge	118	3	17	15	50.0	31	59	11	17	15	35.1	31	-	-	-	-	-	-
London (High Holborn) ..	114	4	11	15	42.8	31	56	11	10	15	32.7	31	122	4	13	15	46.7	31
Kew	107	4	14	15	47.3	31	59	26	14	15	36.1	31	116	4	17	15	51.7	31
Bracknell (Easthampstead) ..	115	4	17	16	51.2	31	66	30	18	1	37.6	31	123	4	22	16	57.0	31
Aberporth	104	6	11	9	50.8	31	69	7	13	9	39.7	31	-	-	-	-	-	-

TABLE III—ADDITIONS AND CORRECTIONS

YEAR	MONTH	STATION	Max. Terminal hr GMT Min. 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		Mean Temperatures (Mean of A & B)	Difference from Average °	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (inches)	Per cent of 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 °C	Gale	Daily Mean (hr.)	Per cent of Average °	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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Table III Annual Summary 1965, District 6a. Underline Falkirk 25.6 as highest maximum in place of Prestwick Airport.

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Monthly Parts Price 2s. 9d. net. Annual Summary 4s. 6d. net. Annual Subscription £2 3s. 4d. (inc. postage, introduction, summary).

Printed in England for H.M. Stationery Office by KeySwift Ltd., Edgware. Dd. 125625 K.12. 3/67. Gp. 1708. 72-7-66-12.

Monthly Weather Report

OF THE METEOROLOGICAL OFFICE

Including monthly and annual tables of wind based on the records of autographic instruments



Volume 83 Number 13

Published by HER MAJESTY'S STATIONERY OFFICE

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Annual Summary 1966

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REMARKS ON THE WEATHER OF THE YEAR

1966—Cold, dull and wet

Like 1965, 1966 was cold, dull and rather wet. This has been the characteristic of the weather in England and Wales of recent years, 1966 being the fifth successive year with temperatures below the average, the fourth successive year with less than average sunshine and the second with rainfall above the average. In England and Wales both temperature and sunshine were less than the average during January, April, July and November, and weather was unusually dull and wet during February, April, June, October and December; indeed sunshine was below the average during nine months of the year.

In England and Wales, in Scotland and in Northern Ireland, Spring began with temperature above the average and ended with it slightly below after being considerably below in April, and both the Summer and Autumn seasons began with temperature above average and ended below average.

A feature of the year was the very different weather experienced in northern and western Scotland on the one hand and in southern and eastern England on the other. This difference was particularly noticeable during July and August which were dull wet months over much of southern England but mainly dry and sunny in Scotland. Similar differences occurred during April and October, weather being generally fine and dry in northern and western Scotland but wet in southern England. Mean temperature in February was also markedly different in the north and south of Great Britain, for whereas over much of southern England it was more than 2°C above average, in Scotland it was below average.

Other features worthy of note include the following. The great variation in temperature during January, ranging over 20–25°C at many places in

southern England. A rather similar though less impressive variation of temperature occurred during February with cold easterly winds bringing wintry showers to most districts between the corresponding dates in both months. The dry weather in eastern and southern England with no measurable rain during the first three weeks of March contrasted with the weather in the north-west Highlands where there was twice the usual amount of rainfall. Sunshine provided the contrast in the weather between the north and south of the country in April when parts of southern England and the south Midlands had only half their usual amount whereas the Northern Isles of Scotland enjoyed three times their average. The fine warm weather at the end of April and the beginning of May, with afternoon temperatures about 10°C above average provided a welcome feature, as well as did the spells of almost unbroken sunshine during the last three days of May and the first three days of June. A feature of July was the dull cold weather in south-east England during the period 19th–21st contrasted with the sunny warmth of south-west Scotland where maximum temperatures were about 13°C higher. Some of the most spectacular storms of the year were experienced during August, falls of 3 inches or more being recorded on the 3rd, 4th, 13th, 20th, 21st and 29th. The most notable feature of September was the long dry period during the second half of the month, the last prolonged rain-free period of the year. The last five days of October were marked by heavy rain in the extreme east of Kent; Broadstairs measured 4½ inches during this period. November, a cold but rather dry month, was chiefly notable for the persistence of northerly winds, and during December one of the deepest depressions to cross the British Isles during the last 15 years brought severe gales with gusts of nearly 90kt on the 1st.

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Synoptic Features

Over the year as a whole weather was more frequently cyclonic in character than anticyclonic, an estimated 240 days against 125. April, May, June, October, November and December each had 23-25 cyclonic days, and were closely followed by February and August with 21 and 19 days respectively. Both January and July had 15 cyclonic days and the remaining two months March and September had an estimated 14 and 13 days respectively.

The main features of each month were as follows.

January, February and March

In January, apart from the first two days and some cyclonic activity in the north-west towards the end of the second week, weather was dominated by high pressure to the east and north of the British Isles until the 18th. The remainder of January and the first and last ten days of February were mainly cyclonic, but rising pressure to the north affected parts of Scotland early in the second week of February and weather became generally anticyclonic from about the 11th until the 18th. March weather was predominantly anticyclonic during the first three weeks except for cyclonic periods on the 2nd-3rd and 10th-12th; it was cyclonic from about the 23rd onwards.

April, May and June

Weather during April was mainly cyclonic in character except for short anticyclonic spells around mid-month and during the last week. The latter spell persisted into May, but otherwise weather was generally cyclonic from about the 2nd except for the 15th-16th when a ridge of high pressure extended north-eastwards from the Atlantic across the country to southern Scandinavia, and during the last few days of the month when an anticyclone covered most of the British Isles. The anticyclonic weather persisted during the first three days of June but otherwise weather was mainly cyclonic in character except on the 8th and during the last two days of the month when an anticyclone off our south-west coasts spread slowly north-eastwards.

July, August and September

For most of July weather was dominated by an anticyclone to the south-west of the British Isles; sometimes a ridge extended from this anticyclone across the country into Europe, at other times the anticyclone retreated slightly westwards so that troughs of low pressure moved around its eastern flank south-eastwards across the country. From the 23rd weather was more generally cyclonic in character, and this type of weather continued during the first two weeks of August. From about the 15th August weather was mainly anticyclonic apart from cyclonic spells on the 20th-21st and during the last three days of the month. Except for a short anticyclonic spell at the beginning of the second week, the first half of September was predominantly cyclonic and the second half anticyclonic.

October, November and December

Weather was mainly cyclonic in character during these last three months of the year, but there were anticyclone interludes in October on the 9th, 11th, 24th-25th and 28th-31st; in November on the 2nd-3rd, 9th-10th and 20th-21st and in December on about six days widely dispersed throughout the month.

General Weather

January, February and March

January was remarkable for its wide variation of temperature. The first week was changeable and mild with widespread rain on the 5th. Easterly winds from about the 10th to the 20th kept day temperatures over much of the country near freezing point and there was severe frost at night. The sea froze off part of the Kent coast. Snow showers were frequent in eastern districts and there were periods of more continuous snow on the 16th and 17th. A very mild spell began on 25th as winds from low latitudes brought progressively milder air over the British Isles; the 26th-30th was exceptionally mild over southern England with temperature reaching 13°C in places on the 29th.

February was dull with very mild and very cold spells, but unlike January, it was unusually wet. The very mild weather of late January continued for most of the first week of February with afternoon temperatures locally 5°C above the average. Cold easterly winds spread to Scotland on the 7th and by the 11th the wintry weather had extended to the whole country and continued in most districts until about the 19th. Snowfall was moderate to heavy at times in eastern districts, and lay 4-6 inches deep in parts of north-east England on the 14th. Temperature rose rapidly on the 19th as southerly winds replaced the easterlies. Heavy rain accompanied the onset of the milder weather and this, coupled with rapidly thawing snow, led to extensive flooding in the North and Midlands. The month ended with changeable very mild weather, thundery showers and sunny periods alternating with periods of more continuous rain.

March was a generally dry month except in the north-west. The 1st and 2nd were wet, but the remainder of the first week was mainly dry with sunny periods and scattered showers. Stormy weather on the 9th-10th with widespread rain and gales, was followed by snow showers in the north-west. Wintry showers dominated the weather during the next few days but an anticyclone spreading slowly eastwards over southern England brought a spell of mild, cloudy but mainly dry weather from the 14th to the 20th; it was temporarily broken by a belt of rain moving south-eastwards across the

country on the 17th. North-westerly winds brought cooler weather with squally showers for most of the remainder of the month, though the 26th and 27th were stormy days with longer periods of rain.

April, May and June

The first few days of April were sunny and cold with northerly winds. In southern and central England weather became milder and unsettled after the 4th, but in Scotland it remained cold throughout the first week. Temperatures fell sharply on the 11th as easterly winds became established over the whole country heralding about 10 days of wintry weather; snow showers were frequent in eastern districts on the 12th and 13th and most of the southern half of the country had more continuous snow on the 14th and 15th. Milder unsettled weather brought the cold spell to an end on the 21st. The last week of the month was mainly dry and sunny with steadily increasing temperatures, the 29th-30th being very warm for the time of year with temperatures reaching 22°C in parts of southern England on the 30th.

May was a changeable month with a warm start and sunny ending. The exceptionally warm dry weather at the end of April continued during the first two days of May with temperatures over much of the country about 10°C above average. On the 3rd a westerly airstream from the Atlantic brought cooler changeable weather until the 11th which, together with the 4th and 8th were days of widespread rain. Four or five days of warmer sunnier weather followed with 13-14 hours of sunshine over much of England and Wales on both the 15th and 16th. Weather remained fine in the south-east on the 17th, but rain over the rest of the country began a week of unsettled weather with periods of rain alternating with showers and sunny spells; the 23rd and 24th were particularly stormy. Subsequently an anticyclone became established over Britain bringing sunny weather to nearly all districts, and sunshine was almost unbroken over the greater part of England and Wales during the last three days.

June was dull and wet with frequent thunderstorms. The warm sunny weather at the end of May continued over most of England and Wales until the 3rd with more than 13 hours of sunshine daily in many western districts. Southern England remained fine and warm on the 4th but rain from the Atlantic spread to northern districts during the day and to most other parts of the country that night. The weather pattern changed on the 8th as a warm easterly airstream spread over the country and persisted for several days. The warm sunny weather was broken by widespread rain on the 12th and 13th, and three days later rain on the 16th and 17th heralded about 10 days of rather cool unsettled weather as a succession of disturbances moved across the British Isles. On the 24th rainfall was particularly heavy and prolonged in eastern Scotland with falls exceeding 2 inches in many places, and the 27th was stormy with widespread gales but an anticyclone moving north-eastwards from the Azores brought generally dry sunny weather to all districts during the last two days of the month.

July, August and September

July. The warm sunny weather at the end of June continued over most of England until July 4th, but Scotland was dull with occasional rain. Thereafter until about the 16th weather was changeable with showers or longer periods of rain as a series of troughs and depressions moved across the British Isles around the north-eastern flank of a large anticyclone established near the Azores. Thunderstorms were widespread on the 5th and both the 10th and 14th were very wet days. On the 17th an anticyclone spread north-eastwards across the British Isles to Scandinavia, and weather in northern districts became sunny and warm for about a week. This warm weather extended to the whole country on the 22nd, but on the 23rd the ridge of high pressure moved south-westwards and freshening westerly winds brought rain from the Atlantic to northern districts. The remainder of the month was generally unsettled.

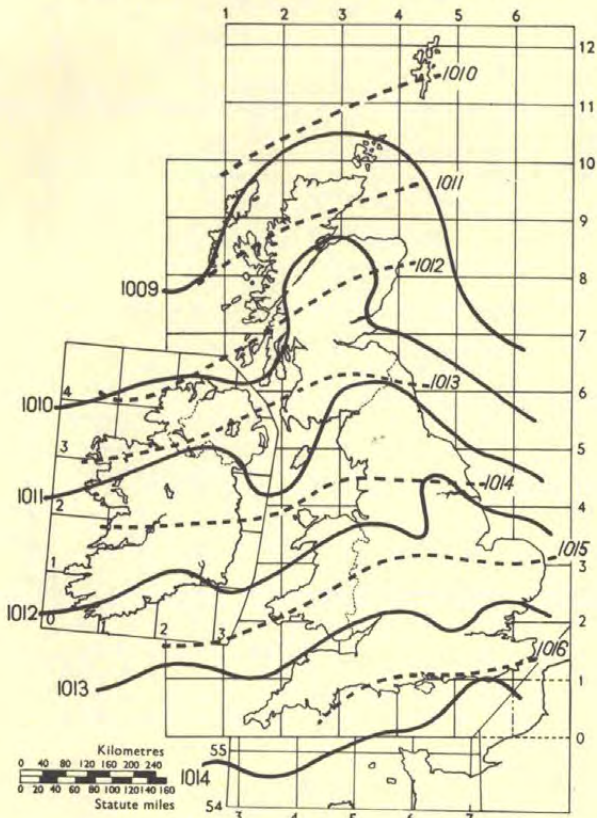
August. The unsettled weather at the end of July continued for most of the first two weeks of August with depressions moving across rather than to the north of the country. The 9th-13th was a particularly wet period in northern districts culminating in violent thunderstorms, torrential rain and extensive floods. Dry sunny weather spread over the whole country on the 14th and 15th as a ridge of high pressure developed to the west of the British Isles and spread slowly south-eastwards later becoming established over central England. Minor troughs brought rain to parts of Scotland by the 16th but sunshine in many parts of the Midlands and southern England exceeded 10 hours daily from the 14th to the 20th and afternoon temperatures increased progressively, reaching 28°C at some places on the 20th. The warm spell broke in violent thunderstorms on the evening of the 20th which continued throughout the 21st. A week of mainly dry but cool weather began on the 22nd ending with widespread thundery rain and thunderstorms on the 29th and 30th giving place to showery weather on the last day of the month.

September. The first six days of September were generally unsettled especially in the north. After widespread rain on the 1st, rain was heavy again in Scotland on the 3rd, and this heavy rain spread southwards on the 4th bringing widespread flooding to the Lake District. The 7th-10th was mainly sunny and dry although there was slight rain in southern England on the 8th, and fronts from the Atlantic brought increasing rain to Scotland on the 9th and 10th. The last four days of the second week were generally unsettled with widespread and at times heavy rain on the 11th and 14th. With an anticyclone centred over the British Isles most of the second half of the month was dry and quiet. Overnight fog cleared mostly by mid-morning at first, but after the 22nd it persisted all day in some places. The weather became unsettled again on the 28th and a small depression

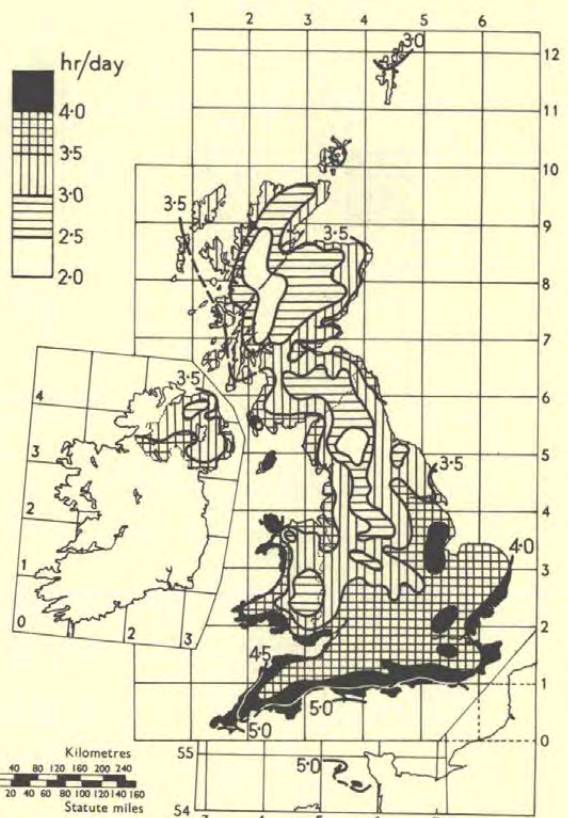
ANNUAL WEATHER CHARTS 1966

MEAN PRESSURE AT 9 G.M.T.

The dotted lines show the normal distribution of pressure in millibars based on 30 years observations 1931-1960

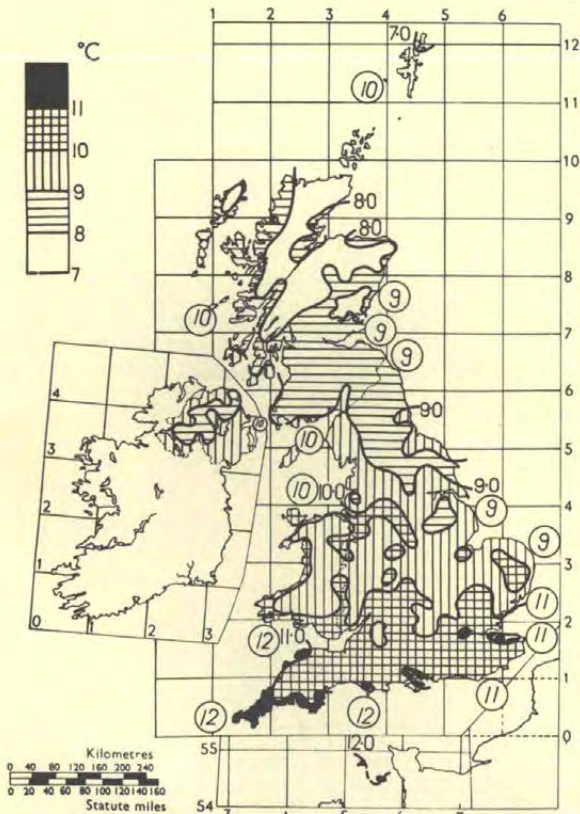


BRIGHT SUNSHINE

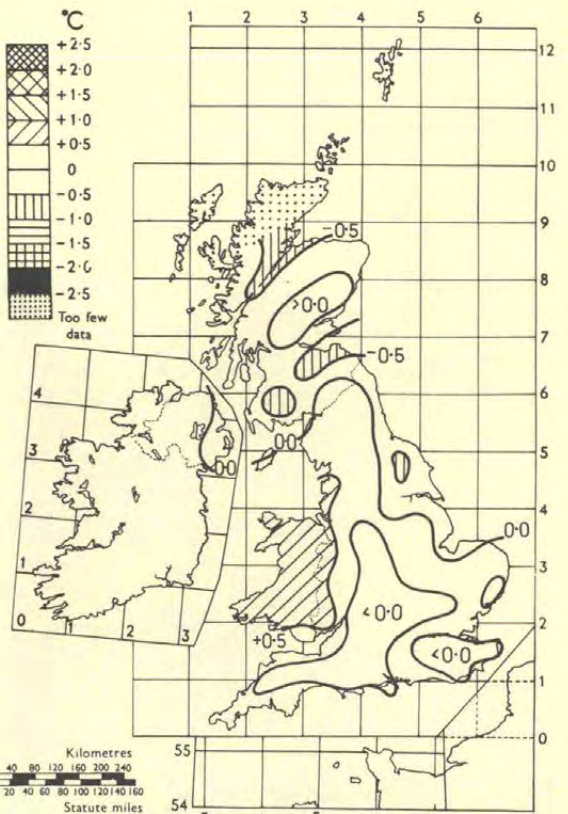


MEAN AIR TEMPERATURE

Reduced to sea level by a correction of 1°C. for 500 ft.
Sea temperatures are shown by figures in circles thus (10)



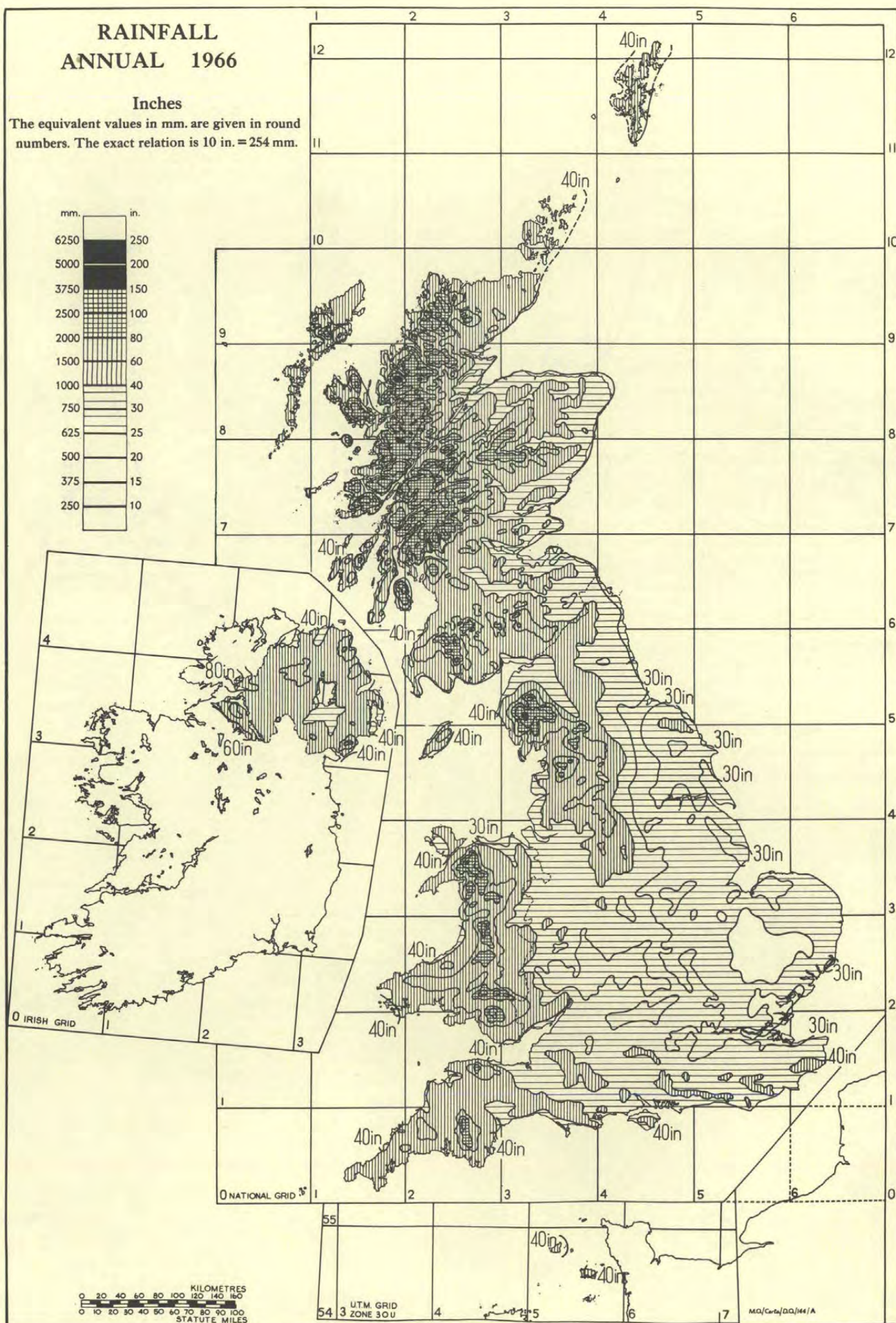
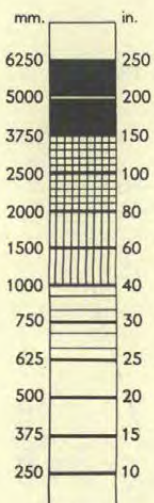
ANOMALY OF MEAN 1 ft. EARTH TEMPERATURE



RAINFALL ANNUAL 1966

Inches

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



moving slowly eastwards over northern France brought rain to south-east England during the last two days of the month.

October, November and December.

The dull unsettled weather at the end of September continued during the first week of October with heavy rain at times. Temperatures were somewhat above the average in southern England, but in northern England and in Scotland they were below the average until the 5th. The second week began quiet with fog night and morning in many areas, but there were also sunny periods which were prolonged on the 11th and 12th. The improvement was short-lived, however, for by the 13th unsettled weather returned to all districts, and continued with little break for about 10 days, with periods of widespread and locally heavy rain or squally thundery showers; gales were widespread on the 18th and 19th. Weather became colder on the 23rd as northerly winds from high latitudes spread over the country, and generally cold showery weather continued in most districts until the end of the month.

November was a generally cold month with winds frequently from a northerly quarter. The first week began with wintry showers in a fresh to strong north-easterly airstream, but after a day of heavy rain in southern England on the 4th, it ended dull and wet over most of the country, though weather was sunny and mild in south-east England on the 7th. The next few days were bright and cold with scattered showers and north-westerly winds, but after the 11th milder weather with a good deal of rain spread to most districts. Widespread gales on the 15th and 16th were followed by north-easterly winds and nearly a week of progressively falling temperatures with scattered showers and sunny periods in most districts, except in south-east England where there were periods of more continuous rain. A short milder period around the 26th was followed by further outbreaks of cold air from the north-west bringing frequent wintry showers to nearly all districts during the last few days of the month.

December was unsettled and wet generally, and rather mild in the south. The month opened stormy with severe gales and periods of heavy rain, but cold northerly winds following the rain brought a sharp fall of temperature and wintry showers to most districts on the 3rd. A renewal of heavy rain in the west the next day was the beginning of a period wet, rather mild weather with west to north-west winds which continued over most of the country until the 12th. Temperatures fell below average in most northern districts during the latter part of the period. In Scotland severe frost and freezing fog followed a day of light variable winds on the 13th. Winds backed towards the south on the 15th bringing a return of mild unsettled weather which lasted for more than a week. The 17th was stormy with exceptionally heavy rain in parts of Scotland, and northerly winds brought a temporary break in the mild weather on the 20th, but it continued generally rather mild in the south, with rain at times, until the 24th, though it was colder in Scotland with snow showers in a north-westerly airstream on the 23rd and 24th. Christmas Day was sunny and cold in most districts but the last week of the month was generally very wet and mild temperatures reaching 14°C locally in the south.

Pressure and Wind

Over the year as a whole mean pressure at 9 hr over the United Kingdom was more frequently below than above the average. In February, June, April and December it was below average everywhere; in January, April and August it was below average over all or the greater part of England and Wales but above average in parts of Scotland; in May it was below average except in southern England and south Wales. There was no month during which pressure was above average over the whole of the United Kingdom, but it was above average except in some eastern districts during July and November, and above average except in parts of north and east Scotland in March and September.

An indication of the general surface wind direction over the United Kingdom, has been given in the section on "General Weather" from which it may be seen that the greatest frequency of easterly winds were the first half of the year. Easterly winds dominated the weather around the second and third weeks of January, February, April, and, to a lesser extent, June. During the second half of the year winds were often very variable in direction especially during August, the latter half of September and the first half of October. Otherwise, apart from the first half of September when they were mainly between south and south-west, surface winds were frequently north of west, and indeed northerly winds characterised the last two weeks of October and most of November.

Gales were reported on a greater number of days during the year in England and Wales (127) than in Scotland (116); surface wind reached gale force in England and Wales on 19 days during February, 13-14 days in April, November and December, 10-11 days in January, March, May, September and October and on 8, 5 and 3 days during August, July and June respectively. In Scotland gales were reported on 19-21 days in January, March and December on 16 days in February, on 8, 10 and 11 days in May, September and November respectively and on 5 days or less during the remaining months of the year.

Temperature

Over the year as a whole temperature was generally below the 1931-60 average, the deficit being 0.2, 0.4 and 0.3°C in England and Wales, in Scotland and in Northern Ireland respectively. In England and Wales 1966 was the fifth successive year with temperatures below the average. It was below the average for six months of the year in England and Wales, three

in the first half and three in the second, but the deficit was greater during the second half of the year particularly during the summer months of July and August. In Scotland temperature was below average every month of the year except March, June and September.

January, February and March.

January. The outstanding feature of the month was the wide variation of temperature. After a mild start it became very cold from about the 10th to the 21st with day temperature below freezing point on some days. In contrast temperature rose quickly during the last week mean temperature in places being about 10°C above average around the 29th. Over the month as a whole temperature was below the average, more especially during the day, the greatest anomalies occurring in north-east England.

February. Temperatures were above average in England and Wales but below average in Scotland. A feature of the month was the high day temperatures, especially in south-east England, during the first seven or eight days and from the 19th until the end of the month, separated by about 10 days with maximum temperatures near or below freezing point in many places. Exceptionally low temperatures were recorded in east Scotland on the 15th and 16th.

March. Temperatures during March were above average both day and night in all districts; the excess was greatest during the day in eastern districts and greatest at night in the west. Mild periods occurred during the first and third weeks with day temperatures in many areas exceeding 12°C. The coldest period generally was during the last week but air frost was also reported at many places on the night of the 19th/20th.

April, May and June.

April. April temperatures were below the average especially during the day, the largest deficits being in north-east England. In Scotland it was the coldest April since 1922; frost was fairly widespread there during the first five days of the month, temperature falling to -6°C at a number of places on the 3rd. The coldest period, however, as in January and February was during the middle of the month. Temperatures during the last few days of the month were well above the average.

May. Taking the month as a whole mean temperatures were a little below the average during May. They followed a broadly similar pattern everywhere, a warm start to the month being followed by rather a sharp fall of temperature and then a mid-month peak.

June. Temperature during June was above the average especially at night, although frost was fairly widespread on the 1st. Day temperatures during the first half of the month were also well above the average and exceeded 27°C at a number of places on the 9th, but during the second half of the month they were about or a little below normal.

July, August and September.

July. Except in Devon mean day temperatures did not reach the July average, the deficit being greatest in eastern England. The first half of the month was rather cold, and day temperatures were below the average during the last week, but they were well above the average towards the end of the third week particularly in Scotland where temperature reached 27°C at a number of places.

August. Mean monthly temperatures were again below average both day and night, the deficit during the day being greatest in north-east England and eastern Scotland. Day temperatures were mostly below average except during the third week, as in July, when afternoon temperatures exceeded 27°C at several places around the 20th. Nights were mild around the 11th, especially in south-east England but the nights of the 15th and 24th were cold.

September. Mean temperature during September was above the average, the excess being greatest by day in south-east England, and by night in north-east England and eastern Scotland. The coolest days occurred during the third week, and in northern districts the mildest period was towards the end of this week. Air frost was recorded locally on the 9th, 16th, 22nd and 26th.

October, November and December.

October. Mean temperature in east and south-east England was above the average during October, elsewhere in England and Wales it was generally near the average. In Scotland and Northern Ireland it was below the average. The coldest periods occurred during the first and fourth weeks; on the 6th and 28th air temperature fell to -6°C in parts of Scotland.

November. In November mean temperature was generally below the average, but there were short interludes around the second and last weeks when it was near or above the average; one of these, on the 7th-8th, was mainly confined to south-east England, but others on the 11th-15th and 26th-28th were more general.

December. Mean temperatures in December were below the average over Scotland and north-east England, but generally above average elsewhere in the United Kingdom. The 5th-12th, 15th-20th and 27th-30th were rather mild periods, and there was a brief cold spell in most districts around Christmas Eve.

The following table gives in degrees Centigrade the monthly and annual deviation from the 1931-60 average temperature in (a) England and Wales, (b) Scotland and (c) Northern Ireland.

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Year
a	-0.7	+1.7	+0.7	-1.1	-0.1	+0.8	-1.1	-1.1	+0.3	+0.2	-1.3	+0.5	-0.2
b	-0.4	-0.4	+0.8	-2.0	-0.3	+0.7	-1.0	-1.3	+0.4	-0.6	-1.5	-0.8	-0.4
c	-0.3	+0.7	+1.1	-1.5	-0.2	+0.9	-0.7	-1.2	+0.5	-0.9	-1.7	+0.1	-0.3

Precipitation

1966 was a rather wet year, rainfall over England and Wales and also over Northern Ireland being 113 per cent of the 1916-50 average; in Northern Ireland it was the third wettest year of the century (1954 and 1929 having been wetter). In Scotland rainfall was 105 per cent of the average. The period February to June was the wettest such period since comparable records began in 1869 for Scotland and in 1900 for Northern Ireland.

January, February and March.

January rainfall was below the average over the whole country except for small areas in south-west England north-east Kent, the eastern Highlands of Scotland and the Northern Isles. It was less than half the average over parts of the south Midlands, East Anglia, north-west England, north and west Wales and over most of Scotland. In most areas the driest period was from about the 11th to the 17th, and there was measureable rain on only a little more than half the days in the month.

February. As in January the cold period, extending from about the 11th to the 17th was mainly dry, but unlike January, February as a whole was very wet except in northern Scotland. Before and after the dry spell, rainfall was heavy, and many parts of eastern, central and southern England had more than twice their normal February rainfall. It was the wettest February in York since 1871. In Scotland rainfall was below the average in Inverness-shire, and north and west of the Great Glen, but in Northern Ireland parts of Co. Down had more than 350 per cent of their average rainfall.

March was very wet in Scotland and very dry in England and Wales. Rainfall was less than 25 per cent of the average over parts of north-east England, Oxfordshire, Northamptonshire and the Home Counties, but more than twice the average over much of north-west Scotland; more than 300 per cent of the average occurred locally on Ben Attow. Apart from some light rain in southern districts, the first week was mainly dry, and after a showery period on the 11th-13th the third week was also dry and rather warm though more than 2 inches of rain fell in Ross and Cromarty on the 5th and 6th.

April, May and June

April. In contrast to March, April rainfall was considerably above the average in England and Wales but below average in Scotland. It was less than 25 per cent of the average in parts of Sutherland and Caithness, but more than twice the average over whole of south-west England. The first ten days were generally rather wet and in parts of southern England rain fell continuously for about 72 hours towards the end of the third week, but there was little during the last five days of the month.

May. May rainfall was above the average, the excess being greater in Scotland and Northern Ireland than in England and Wales. It was less than half the average locally in the Thames Estuary and in the coastal regions of the North Riding of Yorkshire, but more than twice the average in south-west Ross and Cromarty, the western point of Argyll and the Northern Isles of Scotland. A rather wet period on the 3rd-12th was followed by ten days of mainly dry weather in East Anglia and south-east England, and after another unsettled spell with heavy rain and gales in the north on the 22nd and 23rd, the month ended, as in April, with five or six days of dry weather.

June. June rainfall was above the average except for slight deficits in parts of south Devon, Dorset, Wiltshire, Gloucester and Hereford. It was more than twice the average in many western counties, in Lincolnshire and the North Riding of Yorkshire, along the Sussex coast and in Kent. In Scotland parts of Perthshire had four times the average; at Perth it was the wettest June since 1860. Some of the heaviest rain of the month occurred on the 22nd and 23rd, areas most affected being south-east England, the Midlands, East Anglia, Northern Ireland and Scotland; falls exceeding two and even three inches were recorded. Local falls of 4 inches were recorded in North Wales on the 26th. The last three days of the month were dry.

July, August and September

July. July rainfall was close to the average over England and Wales but little more than half the average over Northern Ireland. In England and Wales rainfall was mainly above average east and south of a line from Swanage to Llandudno to Scarborough except for Shropshire and a belt extending from Oxfordshire through Nottinghamshire to Derbyshire and northwards. It was more than twice the average locally in Lincolnshire and over most of Kent. Except in south-east England weather was mainly dry for a week from the 17th after about 11 days of changeable weather with occasional rain.

August. Over the month as a whole rainfall was above average in England and Wales but below over Northern Ireland and western Scotland. It was more than twice the average in parts of Yorkshire, the Midlands and

central southern England but less than half the average in coastal areas of Cardigan, in the extreme north of Antrim and over Scotland west of an approximate line from Bute northwards to Eddrachellis Bay (Sutherland). The first half of the month was unsettled with prolonged periods of rain, heavy at times. Rain was very heavy in the north on the 13th with falls of 3 and even 4 inches at some places. Weather was dry over most of England and Wales for several days from the 14th, but the fine weather broke in violent thunderstorms on the 20th when a number of places recorded falls of 3 inches. Another week of mainly dry weather began on the 22nd but the 29th was a very wet day with falls of up to 4 inches.

September. September was mainly dry after an unsettled start. In Scotland rainfall was mostly above the average south of a line from Colonsay to Onich to Sourhope but less than half the average over much of Aberdeen and Angus. In England and Wales it was mostly below the average except in parts of Cumberland and locally in the West Riding of Yorkshire, Derbyshire and Buckinghamshire. It was less than 25 per cent of the average locally in some coastal areas of the North Riding of Yorkshire and in eastern Kent. Heavy rain on the 3rd and 4th led to widespread flooding in the Lake District, but the 7th-11th was mainly dry as also was most of the second half of the month.

October, November and December

October was a generally wet month except in parts of Scotland, north-west England and north Wales. Rainfall was more than twice the average in many southern counties of England from Cornwall to Kent. In parts of Dorset more than one-fifth of the annual average fell during the ten days 13th-22nd, and more than two inches were recorded in parts of southern Hampshire and Dorset on the 22nd leading to extensive flooding. Heavy showers in the extreme east of Kent during the last five days of the month gave a total of nearly 4½ inches for this period at Broadstairs, and brought the total October rainfall in the area to 380 per cent of the average.

November was a generally dry month except in northern Scotland and in eastern England. In Scotland, although rainfall was more than twice the average in parts of Inverness-shire it was mainly below the average south of a line from Dyce to Fort William. In England and Wales it was mainly below the average except in a belt extending northwards from the Somerset-Wiltshire border to Cheshire, in north Wales, and over parts of Yorkshire, Lincolnshire, Norfolk, Suffolk and Kent. The most notable rainfall of the month occurred on the 4th when more than 2 inches was recorded over a wide area from Herefordshire to Dorset.

It was the wettest **December** since 1929 over Scotland and Northern Ireland generally, but rainfall was less than the average over the greater part of the southern counties of England from west Sussex to South Devon, and over a large area of north-east England from mid-Lincolnshire to Durham. The 16th and 17th were particularly wet days in northern and western Scotland; at Glen Etive, Argyllshire, a fall of more than 10 inches was recorded during these two days - the amount recorded on the 17th, 7.84 inches, is the second highest daily rainfall for Scotland.

The following table gives the revised monthly and annual general rainfall amounts expressed as a percentage 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
a	61	184	67	174	113	154	93	127	66	143	87	122	113
b	51	122	140	79	129	177	65	99	89	90	105	154	105
c	64	200	140	139	130	167	53	69	82	111	101	148	113

Thunder was heard more frequently in England and Wales than in Scotland over the year as a whole, and also during every month except January, May and December. Thunder was most frequent during the summer months both in England and Wales (44 days) and in Scotland (27 days). In the AUTUMN it was about twice as frequent in England and Wales as in Scotland (31 days against 16) but in the Spring thunder was very much more frequent in Scotland than in England and Wales (21 days against 13).

Snow

January. - Snow and sleet fell mainly during the 10th-21st but the Northern Isles of Scotland reported falls during the first and last weeks of the month.

On the 10th rain spreading in from the Atlantic turned to snow in south Wales and southern central England. The snow continued until dawn the following morning and ground was snow-covered in a 50 mile-wide belt from Hereford to Sussex. It was 15 inches deep at Tredegar, 6 inches at Colerne (near Bath), 4-6 inches deep in the Salisbury Plain area and 4 inches deep as far east as Long Sutton. Snow showers continued for several days in an easterly airstream, especially in eastern England, and by the 15th level snow had accumulated to a foot deep in parts of Kent. Alderney reported an unusual fall of 8 inches on the 15th, and on the 16th a belt of more continuous snow spread from northern Germany to east and south-east England, but this slowly died out on the 17th.

On the 18th snow, associated with a disturbance forming off Cornwall, spread into south-west England, and by the 20th a vigorous depression moved eastwards along the Channel bringing severe gales in the south while sleet and snow spread across southern England during the morning, turning

to freezing rain later in the day. Level snow was 5-10 inches deep over much of southern England on the 20th, but most of it had dispersed by the 22nd.

February. - As in January, snowfall in February was mainly during the middle of the month.

After nearly a week of mild weather a belt of snow moved south over the north of Scotland on the 6th followed by strong easterly winds with temperatures near freezing point. By the evening of the 7th the cold easterlies had spread southwards to northern England and there were periods of snow in the east and rain in the west. A small depression moving eastwards along the Channel coast gave considerable snow in the Midlands, east and south-east England on the 10th. By the 11th the cold easterly winds had extended to the whole country and they continued until the 18th. Snow fell in most districts and was moderate to heavy at times in the eastern half of the country. By the 14th it lay 4-6 inches deep in many parts of north-east England and 12 inches deep around Ushaw. A depression approaching Cornwall brought rain to southern England on the 18th and substantial falls of snow further north, but the snow soon turned to rain.

March. - Snow fell widely in Scotland on the 10th in a north-westerly airstream, and as the wind veered northerly on the 11th, scattered snow showers reached the Midlands and East Anglia, but the snow did not lie in England.

Snow was fairly widespread in England and Wales on the 24th-26th in a north-westerly airstream and lay an inch deep at a number of places on the 25th. A belt of sleet and snow moved across the country on the 26th and behind this winds again veered to the north-west bringing snow showers to northern districts on the 27th and as far south as Bournemouth on the 28th. Snow lay 3 inches deep at Buxton on the 26th and 2 inches deep at Halesowen on the 29th. There were light falls of snow in Scotland on the 30th and 31st.

April. - Moderate to heavy falls of snow in north Wales and northern England during the first two days of the month accumulated to about a foot deep on high ground with drifts up to 5 feet and more. Occasional snow and sleet continued in eastern England on the 2nd but only a few isolated places reported snow on the 3rd. Easterly winds brought scattered snow showers to the east coast on the 4th ahead of more general rain and snow on the 5th which continued well into the following night.

After a spell of rather milder weather temperature fell sharply on the 11th as easterly winds became established over the country heralding about 10 days of wintry showers. They were mainly confined to the eastern half of the country on the 12th and 13th but on the 14th rain from the Atlantic spread into the south-west and turned to snow over most of the rest of the southern half of the country. The snow continued in most places for about 48 hours covering the ground in many places to a depth of 4-6 inches, but it moved slowly northwards giving place to rain as temperatures, which had been near freezing point in many southern districts, slowly increased. Snow showers continued in Scotland for another three or four days but the cold spell finally came to an end on the 21st with freshening southerly winds.

May. - Snow or sleet fell on the higher peaks of the Cairngorms on six days during the month. Elsewhere snow was reported on 2-3 days in the north-west Highlands and on 1-2 days in the Northern Isles, the Lammermuir Hills and the Cheviots. It lay for 3-4 days in parts of the Cairngorms.

June. - In parts of the Cairngorms snow was reported down to 3000ft. until the 11th, down to 3500ft. until the 15th and down to 4000ft. until the 26th. There were large fields (but not 50% cover) down to 2500ft. until the 15th and on higher slopes after the 26th.

Patches were observed on the peaks around Ben Nevis throughout the month.

July. - In parts of the Cairngorms snow patches (but less than 50% cover) were observed down to 3000ft. throughout the month.

August. - In parts of the Cairngorms small patches were still visible at 4000ft. and large snow fields were still seen (but not 50% cover).

September. - No reports of snow were received during the month.

October. - In October snow was reported as falling on 9 days in the Cairngorms and on about 2 days in the Southern Uplands, the Isle of Man and Dartmoor; it covered the higher peaks of the Cairngorms and the Southern Uplands.

November. - Snow fell on 18 different days during November; on 16 in the Cairngorms and the Southern Uplands, and on about 5 in the northern Pennines, the Peak District, north Wales, Dartmoor and the Chilterns. Ground was snow-covered for two or three days in northern England and for about a week in Scotland towards the end of the month.

December. - Snow was reported in Scotland on most days of the month, and melting snow contributed to severe flooding on the 16th and 17th. In England and Wales it was observed on 18 days during the month, on about 10 in the Pennines, 5-6 along the east coast and 3-4 over the higher ground in Wales and on Dartmoor. Snow-cover was widespread in southern England on the 4th and during the third week in northern districts.

Sunshine

1966 was a rather dull year, sunshine being only 89 per cent of the average in England and Wales and 92 per cent of the average in Scotland and Northern Ireland.

January and February were dull months in all parts of the United Kingdom, but Spring began and ended with sunshine slightly above the average although weather was very dull mid-season. Summer began with a dull June and although sunshine did not exceed the average during the other two summer months in England and Wales, weather was brighter in Scotland and Northern Ireland. Autumn began with sunshine slightly above the average in England and Wales and ended with it slightly below. In Scotland and Northern Ireland, however, the reverse was the case, as Autumn began rather dull but ended with rather a sunny month.

January, February and March

January sunshine was below the average nearly everywhere especially near the east coast though a few isolated places in the west recorded more than their usual amount. Scarborough had 25 days without sunshine and it was the dulllest January at Kinloss since records began there in 1907 while many places in south and east Scotland had their dulllest January for 20 years.

February was also a very dull month; deficits were greatest in south-east England and western Scotland. Places as far apart as Llety-even-hen and Eskdalemuir had only 30 per cent of their average. Prolonged spells of sunshine were comparatively few but the 11th and 12th were fine sunny days and it was generally sunny on the 23rd-26th except in the vicinity of the south coast.

March. - After two very dull months, March sunshine was above the average the greatest excess being in eastern Scotland. Paisley had its sunniest March since 1910. It was rather dull in parts of north-west England and north Wales where at Aber sunshine was only 61 per cent of the average. The 3rd-9th was generally sunny over southern England, and the 18th-20th were sunny days with more than 10 hours of sunshine daily at many places.

April, May and June

April was a dull month except in the Northern Isles where Kirkwall had nearly three times its average sunshine and Lerwick its sunniest April since records began there in 1922. In England and Wales sunshine was mostly between 50 and 70 per cent of the average and ranged from 46 per cent at Cannington to 82 per cent at Scilly. The first four days and the last week were sunny in most districts.

May sunshine was generally above the average except in the extreme north of Scotland where it was below average north and east of a line from Elgin to Loch Long to Cape Wrath. Elsewhere it was mainly above the average especially in the Midlands and south-west England. May began with two sunny days and ended with a week of brilliant sunshine - during the last three days sunshine was almost unbroken over the greater part of England and Wales.

June. - In south-east England sunshine was close to normal but other districts had a dull June, the deficit being greatest in eastern Scotland and the central Lowlands where large areas had only half their normal quota. In England and Wales sunshine was above average at a few places along the south coast, otherwise it was mainly below the average; percentages ranged from 48 at Greenwich to 114 at Bognor Regis. At Ross-on-Wye it was the fourth successive June with below average sunshine. The first three and last three days were sunny and there were sunny spells around the 9th and 15th.

July, August and September

July. - Sunshine was below the average generally except in some western districts of Great Britain; it was above average in northern and in some eastern districts of Scotland and over Northern Ireland. Many places in south and east Scotland however had their dulllest July for more than 20 years. Weather was generally sunny during the first four days of the month and for about a week beginning the 17th; in south-east England, however, weather was rather dull on the 22nd, 23rd and 25th.

August. - A feature of the month was the sunny weather in northern and western Scotland where excesses of more than 70 hours were recorded in Tiree and Shetland. Over most of England and Wales, amounts were mainly within 20 per cent of average. Weather was generally fine and sunny on the 14th and 15th and although rain spread to parts of Scotland on the 16th most of England and Wales remained sunny until the 20th, and there were several days of sunny weather ending on the 29th.

September. - Sunshine was a little above average in England and Wales but below average in Scotland. In some western districts in Scotland there were deficits of as much as 50 hours although in some border areas sunshine was close to the average. It was above average over much of the southern half of England and Wales. The 7th-10th were mainly sunny though there was increasing cloud in the north, and most parts of the country were again sunny, particularly in southern England, from the 15th to the 24th though morning fog was slow to clear towards the end of this period.

October, November and December

October was a dull month except in northern Ireland, where sunshine

was 123 per cent of the average, and in western districts of Britain. In south-west Scotland and near the Firth of Clyde excesses of 20 hours were recorded. In parts of south-west England sunshine exceeded 120 per cent of the average, but in many eastern districts it was less than 70 per cent. The London area had its dullest October for 20 years.

November was a brighter month than October but sunshine was again mainly below the average except in western districts. In parts of southern and western Scotland excesses of around 25 hours were recorded. In Northern Ireland sunshine was generally above the average but local percentages ranged from 124 at Castle Archdale Forest to 85 at Bessbrook. In south-west England sunshine exceeded 150 per cent of the average in many places, but over much of east and south-east England it was only 70 to 80 per cent of the average.

December sunshine was very variable in different parts of the country. In Scotland, apart from a few isolated places, sunshine was above average over southern and eastern districts with excesses of 20 hours in places. In England and Wales sunshine was generally below average in the east and south-east, but in parts of the Midlands and the north-east it was considerably above the average, being about double the average at Huddersfield and also at Tynemouth where it was the sunniest December since records began there in 1936.

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
a	67	57	107	59	115	85	92	100	105	85	95	99	89
b	63	66	105	90	104	62	120	106	78	95	107	108	92
c	61	58	101	61	107	69	115	102	95	123	113	94	92

The sunniest stations in each month were as follows:- January, Bryn Adda 73.0 hr; February, Poolewe 87.1 hr; March, The Lizard 182.5 hr; April, Hamnavoe 207.8 hr; May, Torquay 288.3 hr; June, Shanklin 280.9 hr; July, Gulval 255.1 hr; August, Guernsey L'Ancrese 268.4 hr; September, Guernsey L'Ancrese 229.4 hr; October, The Lizard 143.3 hr; November, Plymouth Hoe 100.9 hr; December, Berwick-on-Tweed 78.7 hr.

The 10 sunniest places over the year as a whole in ranking order were:-

No	Station	Hours	No	Station	Hours
1	Guernsey L'Ancrese	1865.8	6	Torquay	1781.8
2	The Lizard	1841.5	7	Jersey, Gorey Castle	1776.2
3	Jersey, St. Helier	1811.8	8	Weymouth	1775.8
4	Jersey Airport	1790.8	9	Guernsey Airport	1775.4
5	Shanklin	1790.7	10	Scilly	1765.0

The 3 sunniest stations in Scotland, Northern Ireland and Wales were:-

Scotland			Northern Ireland			Wales		
1	West Freugh	1539.9	1	Kilkeel	1400.0	1	Dale Fort	1734.4
2	Tiree	1408.0	2	Loughgall	1296.4	2	Botwnnog	1565.6
3	Dunbar	1393.1	3	Bessbrook	1280.2	3	Valley	1561.1

Fog

Fog at 9 hr. was more frequent in England and Wales than in Scotland. In England and Wales it occurred at one place or another every morning during January, on 25 mornings during October, on 20-22 mornings in February, March, April and December, on 18-19 mornings in September and November, 13-15 mornings in June, July and August but on only 2 mornings in May. In Scotland it was reported on 30 mornings in January, 20-22 mornings in February and June, 12-14 mornings in March, September and October, 6-9 mornings in August, November and December and on less than 5 mornings in April, May and July.

January, February and March

In **January** fog was widespread and persistent in many areas on the 21st and 24th; in **February** it was widespread in Scotland during the third week; in **March** it was widespread in the Midlands on the 14th, 16th and 20th.

April, May and June

In **April** fog at 9 hr. was widespread on the 8th, but there was little fog in England and Wales during **May**. In **June** fog occurred mainly during the first two weeks and was very persistent in north-east coastal areas during the second week.

July, August and September

In **July** reports of fog were fewer than average, it was reported at few places during the first day or two and also during the period 8th-12th. Fog was widespread during **August** in central and southern England on the 11th, 16th-18th and 26th. In **September** it was never widespread in Scotland but was widespread on the 20th-22nd, 24th and 25th in England and Wales.

October, November and December

In **October** fog persisted throughout the day over much of the Midlands and south-east England on the 8th and 9th. Morning fog was less frequent than usual in **November** but persisted throughout the 7th and 9th over the Midlands. On the other hand **December** was a foggy month; at some places overnight fog was reported on as many as 13 mornings.

Miscellaneous Phenomena

Reports of aurora displays were confined almost entirely to Scotland, but a display was seen from Guernsey on the night of October 27th/28th. The aurora was seen most frequently during the autumn (on 8, 12 and 10 nights during September, October and November respectively). In the winter it was seen on 11 nights, and during both the spring and summer it was reported on 8 nights.

TABLE I - DISTRICT VALUES FOR THE YEAR 1966

DISTRICTS	Air Temperature					Earth Temp.		Rain Days	Rainfall	Sunshine
	* Highest Max.	* Lowest Min.	Max.	Min.	Mean	Mean 1ft.	Mean 4ft.			
	Difference from Average						% of Av.			
0 SCOTLAND, N.	25.0	- 6.7	-0.6	-0.6	-0.5	-	-	-3	113	90
1 SCOTLAND, E.	26.1	-10.0	-0.8	-0.3	-0.5	-0.2	-0.3	+15	115	87
2 ENGLAND, N.E.	25.9	-12.2	-0.7	-0.1	-0.4	0.0	-0.2	+22	118	88
3 ENGLAND, E.	27.2	-13.9	-0.3	+0.2	-0.1	+0.1	-0.1	+29	112	88
4 MIDLANDS	26.7	- 9.4	-0.5	+0.2	-0.1	+0.1	0.0	+15	116	94
5 ENGLAND, S.E.	28.9	-15.6	0.0	+0.4	+0.2	0.0	-0.1	+18	117	89
6 SCOTLAND, W.	25.0	-10.7	-0.7	-0.3	-0.5	-0.1	-0.3	-7	95	94
7 ENGLAND, N.W. and N. Wales.	25.4	- 6.7	-0.5	+0.3	-0.1	-0.1	0.0	+5	112	97
8 ENGLAND, S.W. and S. Wales.	26.7	- 8.9	-0.2	+0.3	+0.1	+0.3	0.0	+13	106	95
N. IRELAND	23.9	- 8.3	-0.4	-0.2	-0.3	-	-	+11	113	93
SCOTLAND	26.1	-10.7	-0.7	-0.4	-0.5	-	-	+2	105	90
ENG. and WALES	28.9	-15.6	-0.4	+0.2	-0.1	-	-	+17	113	92

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

TABLE II - SUMMARY OF AUTOGRAPHIC RECORDS OF WIND - THE YEAR 1966

The summary showing the duration of wind speed between stated limits and extreme speeds at anemograph stations, will be found at Table IX, in the Wind Section.

TABLE III - Summary of Daily Observations

ANNUAL 1966

DISTRICT, COUNTY AND PLACE			Max. Terminal hr. GMT Min.	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		Mean Temperatures (Mean of A & B)	Difference from Average	Highest Max. & Lowest Min				Total fall (inches)	Per cent of Average	Most in a Day Amount (inches)	Date	Precip'n 0.1 in (0.2mm) or more 0.4 in (1.0mm) 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	Gale	Daily Mean (hr.)	Per cent of Average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
					A Max.	B Min.			Maximum	Minimum																			0.1 in (0.2mm) or more	0.4 in (1.0mm) 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	Gale	Daily Mean (hr.)	Per cent of Average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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TABLE III (continued) - Summary of Daily Observations

ANNUAL 1966

DISTRICT, COUNTY AND PLACE		Max. Min.	Terminal hr. 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		Mean temperatures (Mean of A & B)	Difference from Average θ	Highest max & lowest min.				Total fall (inches)	Per cent of Average θ	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	Gale			Daily Mean (hr.)	Per cent of Average θ	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
					A Max.	B Min.			Maximum	Minimum					Amount (inches)	Date																-0.1 in (0.2mm) or more	-0.04 in (1.0mm) or more																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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TABLE III (continued) - Summary of Daily Observations

ANNUAL 1966

DISTRICT, COUNTY AND PLACE		Max. Temp. hr. 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		Mean Temperatures (Mean of A & B)	Difference from Average °	Highest max & Lowest min				Total fall (inches)	Per cent of 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 90°C	Gale	Daily Mean (hr.)	Per cent of Average °	Exposure.		
				A Max.	B Min.			Maximum	Minimum																			Amount (inches)	Date	0.01 in (0.2mm) or more	0.01 in (1.0mm) or more
				1ft. 4ft.																									
2 ENGLAND, N.E.																													
Northumberland	Kielder Castle ...	99	660	10.5	3.1	6.8	-	23.3	-10.6	-	-	53.08	110	1.51	3 Sept.	261	187	36	34	0	4	5	77	103	177	0	-	-	
	Haydon Bridge ...	99	258	11.9	4.5	8.2	-	24.4	-9.4	8.9	9.0	32.23	-	1.34	3 Oct	209	150	36	23	0	0	1	13	69	110	3	-	-	
Durham	Corbridge ...	99	160	11.9	4.7	8.3	-	23.9	-10.0	-	-	29.42	-	1.20	3 Oct	190	136	24	23	3	6	4	17	58	104	2	-	-	
	Berwick-on-Tweed ...	99	76	10.8	5.6	8.2	-0.4	22.2	-8.9	-	-	26.34	113	1.94	13 Aug	199	125	25	10	17	1	5	9	30	84	7	3.77	96	
	Cockle Park ...	99	326	11.0	4.7	7.9	-0.3	23.9	-7.2	8.1	-	36.28	126	3.78	13 Aug	229	165	-	-	-	-	-	60	89	-	3.38	90		
	Acklington ...	21-9	138	11.2	5.2	8.2	-	24.1	-6.6	-	-	29.24	111	3.63	13 Aug	192	134	48	19	8	23	6	14	41	85	11	3.73	8	
	Tynemouth ...	21-9	95	10.9	6.7	8.8	-0.4	25.0	-5.6	-	-	29.01	109	1.27	9 Apr	197	135	31	10	8	4	6	9	25	60	17	3.33	92	
	Seahouses ...	21-9	37	-	5.9	-	-	-6.3	-	-	-	28.26	-	2.22	13 Aug	187	129	31	5	4	3	4	17	28	80	16	3.66	-	
	Chopwellwood ...	99	446	11.4	4.8	8.1	-0.5	25.0	-6.1	-	-	34.55	119	1.64	3 Oct	216	152	-	31	-	-	-	10	61	146	-	-	8	
	Ushaw College ...	99	594	11.2	4.5	7.9	-0.5	23.9	-6.7	-	-	33.69	115	1.05	11 May	206	153	38	32	0	2	8	50	61	-	7	-	-	
	Houghall ...	99	123	12.1	4.4	8.3	-0.3	25.6	-11.1	-	-	31.09	112	1.06	3 Oct	207	141	18	25	3	13	4	11	56	133	1	3.29	93	
	Durham	Durham ...	99	336	11.9	4.7	8.3	-0.4	25.6	-7.2	9.1	9.2	30.04	114	1.09	3 Oct	212	144	-	28	-	-	-	-	54	128	-	3.08	84
Yorks., N. Riding	Gateshead ...	99	509	-	-	-	-	-	-	-	-	30.34	121	1.88	13 Aug	190	135	-	-	-	-	-	-	-	-	-	-	3.54	-
	West Hartlepool ...	99	30	12.1	6.4	9.3	-	25.0	-7.2	-	-	29.73	121	1.20	3 Oct	197	132	22	14	5	3	5	16	23	-	10	3.23	-	
	Thirsk ...	99	111	12.3	5.0	8.7	-	26.1	-10.0	-	-	28.84	-	1.08	21 Aug	200	130	28	13	1	3	11	15	54	111	7	-	-	
	Leeming ...	99	105	12.1	5.7	8.9	-	26.2	-9.5	-	-	27.46	-	1.15	3 Oct	191	130	43	21	1	18	12	18	43	89	4	3.46	-	
	York (Heslington) ...	99	66	12.3	5.6	8.9	-	24.4	-6.7	9.2	-	28.70	-	1.24	7 Feb	195	134	-	13	-	-	-	27	47	-	-	3.20	-	
	Ampleforth ...	99	313	-	5.1	-	-	-8.3	-	-	-	33.72	112	1.21	7 Feb	195	158	21	-	1	4	2	25	48	-	4	-	-	8
	Redcar ...	99	25	12.3	6.3	9.3	-	25.6	-6.7	-	-	28.06	117	1.17	21 Aug	210	133	-	7	-	-	-	2	22	-	-	3.10	-	
	Pickering ...	99	143	12.2	4.6	8.3	-	25.7	-8.3	-	-	29.65	-	1.21	7 Feb	219	147	31	21	0	8	15	8	66	115	0	-	-	
	Whitby ...	99	135	-	6.0	-	-	-5.6	-	-	-	31.49	120	1.10	3 Oct	193	149	-	-	-	-	-	-	24	-	-	-	-	-
	Scarborough ...	99	118	11.9	6.5	9.2	-0.6	23.3	-3.3	9.9	10.0	30.46	119	.90	21 Aug	195	143	18	6	0	2	5	17	14	51	9	3.25	85	8
Yorks., E. Riding	Silpho Moor ...	99	665	11.0	4.5	7.7	-	24.4	-6.7	7.8	-	44.57	132	1.68	7 Feb	269	183	24	31	4	2	6	57	66	130	1	3.24	-	
	Whitby C'Guard ...	21-9	207	11.1	6.3	8.7	-	25.5	-5.4	-	-	26.23	-	1.00	9 Apr	185	123	25	10	1	4	9	18	24	47	30	-	-	-
	High Mowthorpe ...	99	574	11.0	4.9	7.9	-	25.0	-7.8	8.5	-	34.43	112	1.29	7 Feb	213	152	-	29	-	-	-	30	66	110	-	3.21	-	
	Hull ...	99	8	12.9	6.5	9.7	-0.2	25.6	-4.4	9.5	9.1	30.96	122	1.23	7 Feb	192	139	25	9	1	5	14	19	30	72	4	3.40	92	
	Leconfield ...	21-9	24	12.3	6.0	9.1	-	24.6	-9.4	-	-	30.60	-	1.21	7 Feb	188	132	42	9	3	22	20	15	33	98	2	3.44	-	
	Filey ...	99	122	11.4	5.5	8.5	-	22.2	-6.1	-	-	29.00	108	1.08	7 Feb	188	133	14	14	7	14	8	10	37	70	0	-	-	-
	Bridlington ...	99	157	11.5	5.4	8.5	-	22.2	-6.7	-	-	33.76	123	1.20	22 June	213	147	21	9	1	10	8	13	33	67	24	3.54	-	
	Kilnsea ...	21-9	40	11.6	6.4	9.0	-	23.8	-3.0	-	-	25.69	-	1.19	22 June	191	142	25	2	3	6	10	15	22	-	45	-	-	-
	Waddington ...	21-9	224	12.3	5.9	9.1	-0.3	25.7	-10.2	-	-	25.51	-	1.10	22 June	191	130	41	14	1	15	20	23	43	80	2	3.81	-	
	Lincoln	Lincoln ...	99	22	12.8	4.8	8.8	-	26.1	-8.9	9.7	9.5	27.69	117	1.40	22 June	198	133	17	14	0	0	7	15	66	112	9	3.58	-
Suffolk	Cranwell ...	99	205	12.6	5.4	9.0	-0.4	25.9	-12.2	9.7	9.7	25.91	110	1.06	22 June	193	138	28	13	6	7	10	23	46	96	2	3.63	89	
	Brigg ...	99	10	12.7	5.0	8.9	-	25.0	-10.0	-	-	29.82	-	1.24	7 Feb	194	142	19	15	3	3	18	29	57	109	6	-	-	
	Caistor ...	99	100	12.7	5.0	8.9	-	26.1	-8.9	-	-	28.95	-	0.42	27 Jan	200	140	-	-	-	-	-	52	-	-	-	-	-	
	Cleethorpes ...	99	23	-	6.4	-	-	-3.3	-	-	-	27.08	116	1.91	22 June	183	132	-	3	-	-	-	11	32	-	-	3.58	87	
	Manby ...	21-9	55	12.6	6.0	9.3	-	25.6	-6.3	-	-	28.99	127	1.98	22 June	184	132	32	8	4	23	21	15	40	74	1	3.73	-	
	Skegness ...	99	15	-	6.1	-	-	-2.8	-	-	-	30.61	137	1.66	22 June	182	141	-	-	-	-	-	34	30	-	-	3.88	93	
	3 ENGLAND, E.																												
	Norfolk	Terrington St. Cl. ...	99	13	13.1	5.6	9.3	-	26.1	-7.8	9.9	-	27.10	133	2.11	22 June	199	129	12	11	1	0	5	18	48	96	0	3.67	-
		Santon Downham ...	99	80	13.6	4.2	8.9	-	28.3	-11.7	9.8	9.5	26.83	102	.74	16 Nov	219	153	-	-	-	-	-	-	75	153	-	3.60	-
		West Raynham ...	21-9	250	12.4	5.8	9.1	-0.2	25.1	-12.2	-	-	34.29	121	1.24	30 Aug	204	148	38	15	6	17	23	22	51	88	2	3.80	-
Cromer ...		99	178	12.4	6.4	9.4	-0.4	26.7	-3.9	-	-	26.23	98	.70	16 Nov	188	141	-	-	-	-	4	20	78	-	3.71	87		
Sproston ...		99	93	13.0	5.7	9.3	-0.3	26.1	-13.9	9.9	-	26.15	103	.73	16 Nov	206	147	15	11	6	6	10	-	48	91	5	3.46	83	
Coltishall ...		21-9	55	12.9	6.2	9.5	-	26.4	-10.8	-	-	25.63	-	.74	15 July	196	148	33	9	12	15	19	19	36	92	1	-	-	
Burlingham ...		99	89	13.0	6.2	9.6	-	25.6	-9.4	-	-	25.12	101	.74	15 July	187	142	19	-	5	9	10	-	38	-	0	3.77	-	
Gorleston ...		21-9	12	12.4	7.5	9.9	+0.1	25.0	-3.8	11.0	10.6	27.10	113	.79	10 Oct	200	142	23	6	6	0	13	15	16	31	7	3.85	88	
Mildenhall ...		21-9	15	13.6	6.3	9.9	-0.1	27.6	-9.1	-	-	23.50	109	1.26	29 Aug	185	118	22	9	8	11	12	14	39	89	2	3.82	90	
Suffolk		Broom's Barn ...	99	246	13.1	5.8	9.5	-	26.7	-11.1	-	-	22.20	-	.81	30 Aug	195	133	12	8	5	10	13	20	43	62	10	3.81	-
Cambridge	East Bergholt ...	99	14	14.1	5.5	9.8	-	27.8	-9.4	-	-	25.28	107	1.15	19 July	184	139	-	8	-	-	-	-	47	95	-	-	-	-
	Wattisham ...	21-9	292	12.7	5.8	9.3	-	25.8	-7.9	-	-	23.86	-	.81	18 Oct	195	131	26	10	3	13	14	19	49	83	2	-	-	-
	Lowestoft ...	99	82	12.9	6.6	9.7	0.0	25.0	-3.9	-	-	27.96	118	.98	3 Oct	199	136	21	8	9	6	15	14	30	51				

TABLE III (continued) - Summary of Daily Observations

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DISTRICT, COUNTY AND PLACE		Max. Terminal hr GMT Min. of Observation.	Height of Station above MSL (feet)	AIR TEMPERATURE IN DEGREES CELSIUS						MEAN EARTH TEMPERATURES °C		RAINFALL (Terminal hour 9GMT)			WEATHER Number of Days										BRIGHT SUNSHINE					
				Means of		Mean Temperatures (Mean of A & B)	Difference from Average	Highest max & Lowest min.				Total fall (inches)	Per cent of Average	Amount (inches)	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	Gale	Daily Mean (hr.)	Per cent of Average	Exposure.	
				A Max.	B Min.			Maximum	Minimum							-0.1 in (0.2mm) or more	-0.4 in (1.0mm) or more													
				1 ft. 4 ft.																										
4 MIDLAND COUNTIES																														
Yorks.	Slaidburn	9.9	629	11.1	4.9	8.0	-	23.3	-6.7	-	-	63.66	-	2.05	19 Dec	234	185	25	21	0	6	1	21	56	104	0	3.26	-	-	
W. Riding	Huddersfield	9.9	325	12.4	6.0	9.2	+0.1	26.7	-7.8	9.0	-	38.34	-	1.45	1 Apr	211	153	-	-	-	-	-	-	37	85	-	3.07	99	-	
"	Oakes	21-9	772	11.2	5.3	8.3	-0.5	26.3	-6.8	8.6	8.4	48.38	129	1.88	1 Apr	254	175	41	34	0	18	21	39	53	102	21	3.08	91	-	
	Bradford	9.9	439	11.6	5.7	8.7	-0.2	25.0	-6.1	9.0	9.1	43.73	130	2.11	20 Aug	224	164	37	26	14	19	16	37	48	91	9	-	-	S	
	Ilkley	9.9	315	12.2	5.5	8.9	0.0	26.1	-7.2	-	-	44.09	117	1.40	20 Aug	201	160	27	16	2	1	13	25	50	-	3	3.38	97	-	
	Sheffield	9.9	429	12.3	6.2	9.3	-0.3	25.6	-6.7	9.3	9.6	38.11	124	1.50	1 Apr	189	152	32	-	1	3	11	-	38	88	0	2.99	88	-	
	Pontefract	9.9	255	12.2	5.7	8.9	-0.3	24.4	-7.2	-	-	27.19	114	1.11	7 Feb	193	133	28	15	2	0	11	38	52	64	1	-	-	-	
	Bramham	9.9	177	12.1	5.0	8.5	-	25.0	-10.6	-	-	31.32	118	1.08	7 Feb	196	134	32	15	1	0	16	30	54	104	5	3.25	-	-	
	Cawood	9.9	20	12.6	5.3	8.9	-	25.6	-7.8	9.2	9.4	28.40	115	1.26	7 Feb	181	130	16	10	1	0	6	14	48	97	7	3.60	-	-	
	Askham Bryan	9.9	110	12.3	5.4	8.9	-	25.0	-7.2	-	-	30.07	116	1.17	7 Feb	203	141	18	11	2	0	9	27	57	99	1	3.30	92	-	
Derby	Buxton	9.9	1007	10.3	4.8	7.5	-0.3	23.3	-8.3	8.3	8.4	61.04	126	1.55	14 Sept	226	189	33	31	1	2	2	70	59	74	11	-	-	-	
	Derby	9.9	159	13.0	6.2	9.6	-	26.1	-7.2	-	-	33.03	-	1.44	13 Oct	194	145	21	7	3	1	10	22	34	81	2	3.58	-	-	
	Morley	9.9	350	12.3	5.6	8.9	-	26.1	-8.3	-	-	35.08	119	1.50	13 Oct	196	151	25	15	6	2	9	-	45	115	13	3.30	-	-	
Nottingham	Sutton Bonington	9.9	157	-	5.3	-	-	26.7	-10.0	9.7	9.9	29.25	127	1.34	21 Aug	192	137	22	13	2	1	13	17	44	130	3	3.57	98	-	
	Watnall	21-9	385	12.4	5.7	9.1	-0.2	27.4	-8.8	-	-	36.47	134	1.19	20 June	210	144	41	18	8	19	17	48	51	94	0	3.14	86	-	
	Nottingham T.C.*	9.9	159	13.0	5.9	9.5	-	26.1	-8.3	-	-	28.90	-	1.03	21 Aug	187	144	-	-	-	-	-	44	46	82	-	-	-	-	
	Mansfield	9.9	362	12.3	5.8	9.1	-0.2	25.6	-10.0	9.6	-	33.92	123	-89	21 Aug	180	145	26	16	2	0	1	27	35	-	0	-	-	-	
	Nottingham	9.9	192	12.9	6.2	9.6	-0.2	26.1	-6.7	9.4	9.6	28.32	117	-85	7 Feb	174	140	16	12	0	2	8	13	26	68	0	3.23	96	-	
	Warsop	9.9	150	13.0	4.6	8.8	-	27.8	-10.6	-	-	28.95	125	-97	20 Aug	187	135	-	9	-	-	-	32	71	150	-	-	3.42	-	
	Finningley	21-9	34	13.1	6.2	9.7	0.0	26.7	-8.9	-	-	30.28	-	-95	15 June	188	132	31	7	0	11	14	24	32	62	0	3.37	-	-	
Leicester	Newtown Linford	9.9	392	12.4	5.0	8.7	-	25.6	-8.9	-	-	31.35	-	1.05	13 Oct	201	148	21	17	2	8	18	25	50	105	1	3.26	-	-	
	Caldecott	9.9	175	13.5	4.4	8.9	-	27.2	-10.0	-	-	24.76	-	1.51	21 Aug	171	113	-	13	-	-	-	42	73	98	-	3.45	-	-	
Northampton	Bugbrooke Mills	9.9	228	13.1	4.7	8.9	-	26.1	-10.6	9.5	-	27.88	-	1.34	29 Aug	173	132	-	10	-	-	-	17	59	-	-	3.58	-	-	
	Raunds	9.9	193	13.3	5.3	9.3	-	26.7	-10.6	10.2	9.9	28.44	125	1.34	22 June	188	128	24	14	5	0	9	29	53	96	3	3.40	-	-	
Warwick	Birmingham K. E. S.**	9.9	450	12.6	6.0	9.3	-	26.1	-8.9	-	-	36.13	-	1.48	10 June	199	144	27	11	2	6	8	25	36	-	4	-	-	-	
	Edgbaston	21-9	536	12.1	6.7	9.4	-0.2	25.9	-8.7	8.8	9.1	35.08	114	1.19	10 June	205	152	43	19	15	11	12	19	27	71	0	3.25	92	-	
	Luddington	9.9	138	13.3	5.5	9.4	-	26.7	-8.9	-	-	27.57	117	1.12	29 Aug	189	130	22	9	3	0	9	16	50	109	4	3.83	-	-	
	Stratford on Avon	9.9	160	13.7	5.1	9.4	-	28.3	-8.3	-	-	29.62	124	1.45	29 Aug	190	140	13	12	2	0	6	11	56	106	3	3.56	-	-	
	Elmdon	21-9	319	12.7	5.6	9.1	-0.1	26.2	-9.8	-	-	32.65	122	2.36	29 Aug	194	136	35	14	7	8	14	17	51	96	6	3.30	-	-	
	Shipston on Stour	9.9	365	12.9	5.7	9.3	-	26.1	-10.0	9.7	-	27.94	-	1.59	29 Aug	197	131	18	13	6	0	10	19	48	119	-	3.66	-	-	
	Wellbourne	9.9	153	-	-	-	-	26.7	-	-	-	26.01	104	1.20	29 Aug	194	129	-	-	-	-	-	-	-	-	-	-	-	-	
	Moreton Morrell	9.9	280	13.1	-	-	-	27.8	-9.4	-	-	26.49	-	1.19	29 Aug	184	133	17	13	2	3	6	16	-	112	4	3.57	-	-	
	Rugby	9.9	385	12.7	5.5	9.1	-0.2	25.6	-8.3	9.7	-	31.06	-	1.61	29 Aug	194	139	-	14	-	-	-	-	47	85	-	-	-	-	
Oxford	Oxford	9.9	208	13.5	6.6	10.1	0.0	26.7	-9.4	10.4	10.5	29.53	115	1.36	29 Aug	181	128	3	11	3	1	10	17	28	74	0	3.89	95	-	
Buckingham	Medmenham	9.9	98	13.9	4.6	9.3	-	26.7	-8.9	-	-	31.83	-	1.38	22 June	185	132	-	-	-	-	-	-	63	165	-	-	-	-	
	Grendon Underwood	9.9	220	13.4	4.7	9.1	-	26.7	-11.1	10.2	10.3	30.33	-	1.76	29 Aug	182	131	10	8	0	0	0	-	65	117	0	3.63	-	-	
	Aylesbury	9.9	316	13.1	5.4	9.3	-	26.7	-11.7	-	-	26.65	103	1.25	22 June	150	127	17	9	8	5	11	27	49	111	8	3.57	-	-	
	Bletchley	9.9	281	13.6	5.7	9.7	-	27.8	-10.0	-	-	29.67	-	1.38	29 Aug	192	117	16	8	1	15	11	17	41	-	0	-	-	-	
Stafford	Keele	9.9	587	11.6	5.5	8.5	-	24.4	-7.2	9.0	8.9	37.25	118	1.06	20 Aug	220	163	30	11	3	9	16	16	47	91	2	3.12	-	-	
	Oaken	9.9	409	12.6	5.3	8.9	-	26.1	-8.9	9.3	-	37.31	-	1.04	8 May	188	158	-	-	-	-	-	-	61	-	-	-	-	-	
	Stone	9.9	350	12.3	4.9	8.6	-	26.1	-7.2	-	-	35.25	-	1.16	22 June	212	158	15	11	1	2	2	36	57	136	3	3.22	-	-	
	Penkridge	9.9	330	12.5	-	-	-	25.6	-8.3	-	-	33.63	-	-92	22 June	207	149	-	15	-	-	-	-	14	-	-	-	-	-	
	Onecote	9.9	1350	9.4	3.9	6.7	-	22.8	-9.4	7.3	7.5	52.82	-	1.19	22 June	244	211	45	44	15	1	16	85	80	118	17	2.94	-	-	
Shropshire	Oswestry	9.9	570	12.0	5.7	8.9	-	24.4	-8.3	-	-	37.91	-	1.53	14 Oct	204	168	-	18	-	-	-	19	34	102	-	3.52	-	-	
	Church Stretton	-	582	-	-	-	-	-	-	-	-	40.05	114	1.07	8 May	215	172	-	-	-	-	-	-	-	-	-	-	3.22	-	-
	Shrewsbury	9.9	184	13.0	6.1	9.6	-0.1	26.1	-7.8	10.7	11.4	32.17	125	1.22	17 June	197	155	21	8	6	7	9	19	35	82	4	3.34	90	-	
	Shawbury	21-9	235	12.5	5.7	9.1	-0.3	25.1	-8.0	-	-	32.74	126	1.89	17 June	200	147	32	13	1	25	11	18	38	94	6				

TABLE III (continued) - Summary of Daily Observations

ANNUAL 1966

DISTRICT, COUNTY AND PLACE		Terminal hr. 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		Mean Temperatures (Mean of A & B)	Difference of Average °	Highest max & Lowest min				Total fall (inches)	Per cent of 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	Gale	Daily Mean (hr.)	Per cent Average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
				A Max.	B Min.			Maximum	Minimum					Amount (inches)	Date																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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5 ENGLAND, S. E. —cont.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			</

TABLE III (continued) - Summary of Daily Observations

ANNUAL 1966

DISTRICT, COUNTY AND PLACE		Max. Min.	Terminal hr. GMT of Observation	AIR TEMPERATURE IN DEGREES CELSIUS						MEAN EARTH TEMPERATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days										BRIGHT SUNSHINE				
				Means of		Mean Temperatures (Mean of A & B)	Difference from Average φ	Highest Max & Lowest min				Total fall (inches)	Per cent of Average φ	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.	Gale	Daily Mean (hr.)	Per cent of Average φ	Exposure		
				A Max.	B Min.			Maximum	Minimum					Amount (inches)	Date														-0.1in (0.2mm) or more	-0.4in (1.0mm) or more
7a ENGLAND, N.W.—cont.																														
Lancashire	Grizedale ...	99	300	-	-	-	-	23.9	-7.8	9.4	-	-	85.64	-	2.45	19 Dec	225	184	20	9	2	1	2	10	-	-	0	-	-	
-cont.	Kirkham ...	99	78	12.4	5.8	9.1	-	23.9	-5.6	-	-	39.61	105	1.30	26 June	199	164	18	5	2	8	8	6	41	-	0	3.87	-	-	
	Garstang ...	99	68	12.3	5.9	9.1	-	23.9	-6.1	-	-	38.15	101	1.05	26 June	194	158	-	7	-	-	-	-	33	72	-	3.55	-	-	
	Morecambe ...	99	24	12.2	6.9	9.5	-0.2	23.9	-4.4	-	-	43.05	112	1.80	3 Oct	203	157	8	4	3	0	0	4	21	-	2	3.80	94	-	
	Penketh ...	99	50	13.0	-	-	-	24.4	-6.1	9.8	9.7	39.57	-	1.20	20 Aug	201	171	11	1	5	4	11	29	37	100	0	3.44	-	-	
	Preston ...	99	108	12.4	6.3	9.3	-	24.5	-5.0	-	-	44.37	112	1.52	3 Oct	215	168	19	3	0	22	14	32	38	73	7	-	-	-	
	Manchester W/Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.95	-	
	Helmshore ...	99	854	10.6	5.1	7.9	-	23.3	-7.2	8.4	-	66.14	109	1.96	7 Feb	233	192	-	35	-	-	-	-	32	55	-	-	2.99	-	
	Burnley ...	99	655	11.3	5.2	8.3	-	23.3	-8.3	8.5	8.4	51.44	-	1.55	19 Dec	256	187	24	23	5	3	10	32	55	105	13	3.02	-	-	
	Nelson ...	99	540	11.2	5.5	8.3	-	25.7	-6.2	8.8	8.7	50.21	113	1.58	3 Oct	219	178	-	26	-	-	-	14	49	-	-	2.76	-	-	
Cheshire	Rochdale ...	99	362	12.1	5.4	8.7	-	25.0	-6.1	-	-	53.12	118	1.94	7 Feb	217	180	14	10	7	0	12	24	47	85	4	-	-	8	
	West Kirby Park	99	25	13.0	6.8	9.9	-	25.0	-6.7	-	-	32.73	-	1.11	10 Apr	197	151	-	-	-	-	-	20	47	-	-	3.76	-	-	
	Bidston ...	99	198	12.1	7.3	9.7	+0.1	23.9	-6.1	-	-	31.40	108	1.09	1 Apr	192	151	-	-	-	-	-	16	26	-	-	3.80	97	-	
	Ness Gardens ...	99	180	12.6	6.2	9.4	-	23.9	-7.2	-	-	33.43	-	1.17	1 Apr	190	156	-	-	-	-	-	28	111	-	-	-	-	-	
	Winnington ...	99	65	13.3	6.8	10.1	-	26.7	-6.1	-	-	35.73	118	1.40	1 Apr	203	152	20	1	3	9	2	14	17	62	14	-	-	-	
	Knutsford ...	99	212	13.1	5.8	9.5	-	27.4	-6.3	9.8	10.2	36.62	111	1.04	1 Apr	196	162	-	3	-	-	-	37	100	-	-	-	-	-	
	Ringway ...	99	248	12.4	6.5	9.5	+0.1	25.4	-6.7	-	-	39.02	124	1.24	5 July	199	151	33	5	8	12	15	10	32	56	5	3.41	99	-	
	Macclesfield ...	99	500	12.0	5.7	8.9	-0.1	23.9	-6.7	-	-	40.26	111	1.62	26 June	225	169	36	16	11	3	11	5	38	-	8	-	-	-	
7b NORTH WALES																														
Flint	Rhyl ...	99	31	12.7	7.1	9.9	-0.2	23.9	-6.1	-	-	27.24	102	1.22	9 Dec	185	137	13	2	5	8	6	7	19	-	12	3.77	93	-	
	Prestatyn ...	99	12	12.8	7.2	10.0	-	23.9	-6.1	-	-	29.71	104	1.14	1 Apr	182	140	15	0	7	1	4	1	15	-	7	-	-	-	
	Hawarden Bridge	99	17	13.2	6.6	9.9	-0.1	25.0	-6.7	-	-	31.90	116	1.10	9 Dec	198	153	19	5	2	9	14	8	23	-	8	-	-	-	
Anglesey	Valley ...	99	33	12.6	7.6	10.1	-0.1	22.1	-5.8	-	-	36.23	108	.95	11 Aug	203	145	13	0	19	2	5	1	13	30	33	4.28	98	-	
Denbigh	Colwyn Bay ...	99	118	12.7	7.5	10.1	-0.2	21.7	-5.6	10.5	-	23.01	78	1.64	3 Oct	192	128	14	4	8	4	1	0	18	-	4	3.84	94	8	
	Alwen ...	99	1100	10.5	3.8	7.1	-	22.8	-9.4	-	-	52.33	105	1.82	1 Dec	246	208	-	-	-	-	-	84	134	-	-	-	-	-	
	Ruthin ...	99	248	12.5	5.5	9.0	-	24.4	-8.9	-	-	30.02	-	1.22	1 Apr	196	151	-	11	-	-	-	1	45	-	-	3.40	-	-	
	Loggerheads ...	99	690	11.4	5.1	8.3	-	24.0	-10.6	8.7	9.0	42.25	-	1.51	9 Dec	222	173	34	30	8	11	9	32	48	68	11	-	-	-	
	Bwlchwynn ...	99	1267	10.0	4.3	7.1	-	23.3	-10.0	-	-	52.64	122	1.69	1 Dec	236	197	22	35	5	1	4	47	60	103	2	-	-	-	
	Wrexham ...	99	275	-	-	-	-	-	-	9.5	-	36.02	118	1.31	9 Dec	202	169	16	-	2	2	8	28	-	0	-	-	-	-	
Caernarvon	Bardsey Island	21-9	61	12.1	8.8	10.5	-	20.4	-2.2	-	-	37.68	-	1.02	19 Apr	184	155	-	0	-	-	-	5	3	21	-	-	-	-	
	Botwnnog ...	99	112	12.6	7.1	9.9	-	21.7	-5.0	11.2	11.0	44.54	-	1.06	9 Dec	209	160	8	0	5	13	8	3	13	59	12	4.29	-	-	
	Bryn Adda ...	99	275	12.8	6.9	9.9	-	22.2	-6.1	-	-	48.35	103	1.92	1 Apr	209	172	9	1	12	3	6	0	15	-	15	3.96	-	-	
	Cwm Dyli ...	99	324	-	-	-	-	-	-	-	-	34.55	96	4.06	26 June	270	231	-	-	-	-	-	-	-	-	-	-	-	-	
	Aber ...	99	60	13.2	7.5	10.3	-0.1	22.2	-4.4	-	-	44.11	106	1.62	1 Apr	223	164	11	1	12	0	6	0	12	52	8	3.22	85	8	
Merioneth	Corwen ...	99	473	12.3	4.5	8.4	-	24.4	-8.3	-	-	41.32	97	1.61	1 Dec	219	176	29	12	2	7	7	-	65	120	5	-	-	8	
Montgomery	Ceiriws ...	99	200	-	-	-	-	-	-	-	-	84.29	-	3.26	26 June	241	210	-	-	-	-	-	2	-	-	-	-	-	-	
	Lake Vyrnwy ...	99	995	10.6	4.8	7.7	-	22.8	-8.9	8.5	-	70.41	108	2.27	9 Dec	246	198	32	32	9	2	5	20	43	143	4	-	-	-	
8a SOUTH WALES																														
Cardigan	Aberporth ...	21-9	436	12.0	7.4	9.7	-0.1	23.2	-5.6	-	-	38.06	93	1.35	31 July	201	150	13	2	20	2	12	5	14	41	22	4.03	-	-	
	Aberystwyth Frongoch	99	452	12.2	6.4	9.3	-0.3	23.3	-6.7	-	-	39.41	95	1.34	19 Oct	233	169	-	3	-	-	-	13	26	59	-	-	-	8	
	Gogerddan ...	99	103	13.0	6.3	9.7	-	24.4	-7.8	-	-	35.60	88	1.15	3 Oct	217	157	7	2	3	0	4	0	26	79	5	3.85	-	-	
	Swyddffynnon ...	99	540	12.2	5.5	8.9	-	23.3	-8.9	-	-	51.88	101	2.18	12 Dec	218	178	-	7	-	-	-	3	39	108	-	3.49	-	-	
	Trawscod ...	99	200	-	5.8	-	-	23.9	-9.4	10.5	-	46.01	97	1.45	26 June	213	176	-	2	-	-	-	4	35	113	-	3.47	-	8	
	Llety-evan-hen ...	99	950	10.9	5.7	8.3	-	22.2	-7.8	-	-	55.94	99	2.41	26 June	230	197	9	2	16	0	4	17	38	90	21	3.44	95	-	
	Cwmystwyth ...	99	989	11.0	4.9	7.9	-	22.2	-11.7	-	-	69.36	-	3.10	9 Dec	198	188	-	18	-	-	-	61	123	-	-	-	-	8	
Pembroke	Dale Fort ...	99	109	13.0	8.1	10.5	-	21.1	-3.9	11.3	-	38.04	-	1.50	12 Aug	180	148	3	0	4	1	4	2	11	30	22	4.75	-	-	
	Milford Haven C.B.*	21-9	122	12.7	8.0	10.3	-	22.0	-5.0	-	-	44.47	-	1.37	12 Aug	203	159	4	2	1	0	6	3	16	40	23	-	-	-	
	Brawdy ...	99	360	12.2	6.9	9.5	-	21.7	-5.6	-	-	49.49	108	2.84	31 July	201	170	8	11	6	3	7	18	21	37	21	4.01	-	-	
	Orielton ...	99	200	12.9	7.0	9.9	-	22.8	-6.1	10.6	-	48.91	-	1.63	19 Oct	218	167	-	-	-	-	-	22	-	-	-	-	-	-	
Cardiff	Cardiff ...	99	50	13.5	6.0	9.7	-	24.4	-8.9	11.2	-	56.45	-	1.49	19 Oct	216	175	9	-	9	0	5	3	42	96	14	4.26	-	-	
Radnor	Llandrindod Wells	99	772	12.3	5.1	8.7	0.0	26.7	-8.9	9.2	-	43.64	107	1.02	8 May	221	172	15	16	0	0	7	6	51	-	0	2.75	78	-	
Brecknock	Llwynon ...	99	860	11.8	4.9	8.3	-	25.0	-10.0	-	-	75.82	-	2.10	9 Dec	252	206	22</												

TABLE III (continued) - Summary of Daily Observations

ANNUAL 1966

DISTRICT, COUNTY AND PLACE		Max. Min.	Terminal hr. GMT of Observation	AIR TEMPERATURE IN DEGREES CELSIUS						MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of days										BRIGHT SUNSHINE			
				Means of		Mean Temperatures (Mean of A & B)	Difference of Average °	Highest Max & Lowest Min				Total fall (inches)	Per Cent of 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 in 24 hr below 0°C	Gale	Daily Mean (hr.)	Per cent of average ‡	Exposure
				A Max.	B Min.			Maximum	Minimum					Amount (inches)	Date	01 in (0.2mm) or more	04 in (1.0mm) or more												
8b ENGLAND, S.W.—cont.																													
Devon	Hartland Point ...	21-9	298	12.2	8.7	10.5	-	20.7	-3.6	-	-	35.00	96	1.15	1 Jan	198	161	6	0	9	7	5	4	13	15	57	4.75	107	
	Mount Batten ...	21-9	87	13.5	8.3	10.9	+0.1	25.5	-4.8	-	-	45.16	119	1.95	22 Oct	208	154	10	0	6	9	3	4	10	47	13	4.57	100	
	Plymouth, The Hoe €	9 9	119	14.0	8.1	11.1	+0.1	26.1	-4.4	11.7	11.6	42.65	113	1.89	22 Oct	211	154	1	0	0	0	2	6	7	58	17	4.55	99	
	Tavistock ...	9 9	457	13.7	6.5	10.1	0.0	26.7	-6.1	-	-	56.86	-	1.50	24 Feb	236	187	9	-	17	0	8	5	21	107	3	-	-	
	Chivener ...	21-9	20	13.9	7.8	10.9	-0.2	24.4	-4.6	-	-	35.40	99	-	10 Aug	198	152	9	1	6	12	9	3	10	40	10	4.26	-	
	Ilfracombe ... €	9 9	25	13.3	9.2	11.3	+0.2	23.9	-1.7	11.9	-	42.82	112	1.13	23 Dec	197	168	2	0	4	0	2	0	7	14	7	4.21	95	
	Princetown ...	9 9	1359	-	-	-	-	-	-	-	-	96.82	110	2.80	24 Feb	236	214	-	-	-	-	-	-	-	-	-	-	-	
	Totnes ...	9 9	120	14.3	6.5	10.4	-	26.1	-5.8	11.5	11.3	53.10	113	1.83	22 Oct	211	162	11	0	4	8	7	2	23	84	9	-	-	
	Slapton ...	9 9	104	14.0	7.8	10.9	-	24.4	-3.9	-	-	50.07	-	1.84	6 Aug	193	154	-	-	-	-	-	-	4	46	45	-	-	
	Newton Abbot ...	9 9	272	14.1	7.0	10.5	+0.1	26.1	-5.0	-	-	45.51	115	1.43	1 Oct	185	154	5	2	0	0	3	12	20	-	5	4.46	102	
	Paignton ...	9 9	8	14.6	7.8	11.2	-	26.1	-4.4	-	-	44.34	115	1.93	22 Oct	188	149	6	0	2	1	2	1	10	-	11	4.74	104	
	Torquay ...	9 9	26	14.4	8.1	11.3	+0.4	26.8	-3.9	-	12.0	41.68	119	1.88	22 Oct	180	138	4	1	4	0	3	4	6	18	15	4.88	102	
	Teignmouth ...	9 9	20	14.2	8.3	11.3	+0.2	26.7	-4.4	-	-	35.98	108	1.46	22 Oct	183	130	4	0	3	0	3	24	4	11	4	4.63	99	
	Starcross ...	9 9	29	14.2	7.2	10.7	-	26.1	-5.0	11.2	-	36.66	108	1.36	10 Jan	185	140	-	0	-	-	-	13	16	65	-	4.73	-	
	Exmouth ...	9 9	195	13.7	7.4	10.5	+0.3	26.1	-5.0	-	-	34.21	103	1.36	10 Jan	185	133	7	0	1	0	6	10	15	-	4	4.67	102	
Exeter ...	21-9	106	14.1	7.0	10.5	-	26.8	-5.5	-	-	36.01	108	2.24	10 Jan	180	133	11	1	5	1	10	13	22	66	9	4.01	-		
Cornwall	Scilly ...	21-9	158	13.8	9.9	11.9	+0.4	21.8	-2.6	-	-	41.03	125	1.55	8 June	207	151	1	0	1	2	0	6	2	7	-	4.84	101	
	Penzance ...	9 9	62	14.3	8.6	11.5	0.0	23.9	-4.4	-	-	55.32	133	2.17	14 Oct	232	179	1	0	7	2	4	2	6	-	32	4.79	102	
	Gulval ...	9 9	50	14.1	8.8	11.5	+0.3	23.9	-3.9	-	-	52.77	133	1.99	14 Oct	230	168	-	0	-	-	-	5	16	-	4.74	103		
	Culdrose ...	9 9	268	13.4	7.8	10.6	-	23.9	-5.0	-	-	45.70	129	1.92	14 Oct	210	161	2	0	7	6	3	13	8	47	15	4.67	-	
	Rosewarne ...	9 9	250	13.4	8.4	10.9	-	22.2	-5.0	11.3	11.5	53.21	140	2.37	14 Oct	235	178	5	0	20	0	3	2	7	39	25	4.56	-	
	Lizard ...	9 9	240	13.5	8.6	11.1	0.0	23.9	-3.8	-	-	40.79	124	1.33	14 Apr	222	158	2	0	3	1	3	-	3	-	45	5.05	-	
	Falmouth ...	9 9	167	-	8.0	-	-	24.4	-3.9	-	-	49.91	115	1.76	22 Oct	205	174	0	0	1	1	1	2	5	-	6	4.35	94	
	Newquay ...	9 9	176	13.6	8.5	11.1	+0.4	22.2	-5.0	-	-	37.56	110	1.25	22 Oct	202	157	1	-	7	3	1	-	9	-	9	4.58	101	
	St. Mawgan ...	21-9	337	13.3	8.2	10.7	-	23.1	-5.4	-	-	41.59	109	1.37	14 Oct	219	157	3	0	5	13	7	5	10	25	10	4.49	-	
	St. Austell ...	9 9	310	13.8	-	-	-	25.0	-3.9	-	-	53.15	110	1.70	14 Oct	228	182	0	0	4	0	1	43	-	-	0	-	-	
	Bude ...	9 9	50	13.6	7.9	10.7	+0.1	24.4	-5.6	9.9	-	35.86	105	1.22	17 June	210	164	-	-	-	-	-	-	21	-	-	-	-	
	Ellbridge ...	9 9	190	-	6.8	-	-	27.2	-5.0	-	-	48.46	118	1.69	22 Oct	221	167	3	1	12	0	7	5	16	-	14	4.37	97	
	9 NORTHERN IRELAND																												
	Londonderry	Loughmore Forest	9 9	570	11.2	4.6	7.9	-	22.2	-7.2	-	-	50.10	-	1.10	23 June	260	215	15	7	2	0	0	2	51	102	2	-	-
		Ballykelly	21-9	6	12.2	6.4	9.3	-0.1	21.7	-5.5	10.1	10.0	35.25	95	1.54	23 June	230	177	28	2	18	13	7	0	31	74	19	3.35	91
Derrynoyd Forest		9 9	290	12.0	5.2	8.6	-	23.9	-5.6	-	-	57.87	-	1.40	12 Oct	257	201	20	16	4	6	0	7	36	94	1	-	-	
Somerset Forest		9 9	140	12.0	5.5	8.7	-	22.2	-5.6	-	-	40.92	-	.98	9 June	232	185	18	2	6	0	4	7	31	61	2	-	-	
Garvagh Forest ...		9 9	290	11.8	5.0	8.4	-	22.8	-5.0	-	-	50.58	-	1.21	23 June	249	204	22	6	16	0	6	1	49	99	3	-	-	
Moneydig ...		21-9	112	12.0	5.4	8.7	-0.3	23.1	-6.8	10.0	-	43.52	103	1.03	23 June	245	182	39	5	27	4	8	3	39	90	11	-	-	
Portrush ...		-	30	-	-	-	-	-	-	-	-	42.11	116	1.07	23 June	231	201	-	-	-	-	-	-	-	-	-	3.41	-	
Ballymoney ...		9 9	180	12.0	5.7	8.9	-	22.0	-5.0	-	-	40.66	-	1.42	20 June	230	189	13	-	2	5	4	2	29	-	2	-	-	
Lisnafillan ...		9 9	124	12.0	4.7	8.3	-	21.1	-7.2	-	-	43.86	-	1.35	9 June	241	201	9	4	1	1	1	26	53	90	1	3.47	-	
Aldergrove		21-9	225	11.8	5.8	8.8	-0.3	22.8	-6.2	9.6	9.6	42.18	110	1.56	9 June	225	174	37	3	14	0	6	1	35	81	5	3.13	89	
Greenmount ...		9 9	105	12.2	5.6	8.9	-	23.3	-6.7	9.8	-	39.05	-	1.60	9 June	228	170	9	4	0	0	0	-	34	85	-	-	-	
Altnahinch ...		9 9	742	10.2	4.9	7.5	-	21.7	-6.7	-	-	65.68	-	1.32	4 Nov	265	222	30	35	8	1	5	36	48	94	25	2.79	-	
Parkmore Forest		9 9	770	10.1	4.4	7.3	-	22.2	-7.2	8.2	-	76.50	-	1.65	9 Apr	266	222	29	32	6	0	4	18	55	104	46	-	-	
Black Mountain ...		21-9	969	9.9	4.7	7.3	-	22.6	-6.0	-	-	51.78	-	1.51	9 June	239	179	30	-	6	2	1	91	66	-	17	-	-	
Lowtown ...		9 9	890	10.1	4.4	7.3	-	22.2	-5.6	8.1	-	66.90	-	2.07	3 Oct	252	208	28	24	7	0	9	44	60	98	2	3.23	-	
Ballypatrick Forest	9 9	500	10.7	5.0	7.9	-	20.6	-5.6	-	-	56.88	-	1.40	19 Feb	245	200	29	17	16	0	3	5	38	67	9	3.27	-		
Newtonabbey ...	9 9	105	12.3	6.7	9.5	-	25.6	-3.3	10.1	-	47.81	-	2.28	9 June	233	166	35	2	17	3	4	3	11	59	16	3.45	-		
Down	Larne ...	9 9	140	12.5	5.6	9.1	-	25.0	-3.3	-	-	52.47	123	1.87	9 June	242	200	16	4	8	1	4	2	18	-	7	-	-	
	Kilroot ...	9 9	71	12.0	5.5	8.7	-	22.8	-5.0	-	-	41.28	-	1.36	9 June	211	165	15	1	0	1	0	5	24	78	4	-	-	
	Hillsborough	9 9	379	11.6	5.6	8.6	-0.2	23.9	-5.6	9.2	-	42.81	121	1.92	9 June	225	176	15	10	0	0	3	3	34	86	10	3.06	86	
	Kilkeel ...	21-9	58	12.0	6.9	9.5	-	25.0	-3.0	-	-	40.16	-	1.69	9 June	239	161	12	2	6	1	3	2	12	42	17	3.84	-	
	Tollymore Park	9 9	249	12.4	-	-	-	24.5	-	-	-	62.45	115	3.75	9 June	216	173	15	2	0	2	1	8	-	63	2	-	-	
	Rosetta ...	9 9	80	12.6	6.0	9.3	-	24.4	-5.0	-	-	44.04	-	1.84	9 June	232	175	18	3	2	3	1	13	24	-	2	-	-	
	Stormont Castle	9 9	185	12.2	6.0	9.1	-	23.9	-3.3	9.7	9.7	45.46	123	1.85	9 June	223	169	25	5	4	12	7	22	22	92	0	3.31	-	
	Crossgar ...	9 9	119	12.4	6.2	9.3	-	23.3	-4.4	-	-	42.82	-	1.58	9 June	241	157	10	3	5	2	4	15	23	95	12	-	-	
	Creighton's Green	9 9	391	11.3	5.8	8.5	-	22.2	-4.4	-	-	46.71	-	1.87	9 June	234	163	32	11	9	0	4	4	25	66	3	-	-	
	Reagh Island ...	9 9	40	12.4	6.6	9.5	-	23.3	-3.9	-	-	35.65	-	1.50	4 Nov	208	146	-	-	-	-	-	-	1	11	59	3	3.47	-
	Helen's Bay ...	9 9	142	11.9	6.6	9.3	-	22.8	-2.2	-	-	42.06	-	1.70	9 June	217	159	25	3	1	17	9	3	12	60	11	-	-	
	Killough ...	21-9	50	11.4	6.5	8.9	-	23.0	-4.4	-	-	43.00	-	1.51	9 June	220	164	23	1	8	0	4	4	10	40	67	-	-	
	Ballyhalbert ...	-	10	-	-	-	-	-	-	-	-	-	-	-	-	-													

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[illegible]

TABLE IV (continued) - Summary of Observations at Fixed Hours

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DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (ft.)			Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY			CLOUD AMOUNT (Oktas)					VISIBILITY (Yards and Miles)							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					0-44yds.	45-210yds.	220-430yds.	440-1,090yds.	1,100-2,190yds.	2,200-4,390yds.	3-6 mi.	7-12 mi.	13-24 mi.	25 or over mi.	Beaufort Force					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	
											1-2	3-5	6-7	8	9											Speed in knots													
																										34 or more	22-33	11-21	1-10	0									
Number of Observations																																							
2 ENGLAND, N. E.			3	1010-6	-	6-6	0-7	9-1	89	5-6	34	45	48	93	135	10	0	6	5	9	15	37	47	106	101	39	3	16	116	196	34	36	17	31	16	39	65	96	31
				15	1010-7	-2-3	8-4	1-3	9-5	83	6-2	5	34	60	159	97	10	0	1	1	9	14	40	60	86	83	68	1	24	146	183	11	41	25	39	26	45	89	24
Northumberland Ackington 151ft.			15	1010-3	-	10-0	1-9	9-7	76	6-2	1	30	67	168	96	3	0	1	1	3	14	37	54	74	85	66	4	36	163	159	3	39	46	43	45	40	58	73	18
				21	1011-0	-	7-5	0-9	9-5	87	5-4	18	70	52	101	118	6	0	6	1	3	15	52	58	124	85	21	1	18	106	208	32	30	19	31	23	46	77	80
Tynemouth 130ft.			9	1011-3	-2-1	8-5	1-3	9-5	83	6-2	5	27	80	111	137	5	0	2	3	4	27	55	105	102	60	7	1	36	178	132	18	47	8	43	25	61	35	113	15
				15	1010-9	-	10-1	1-8	9-8	78	6-1	4	23	84	124	125	5	0	4	1	4	21	45	84	115	81	10	1	39	198	118	9	55	27	47	41	50	28	101
Seahouses 41ft.			21	1011-2	-	8-7	1-3	9-7	83	5-5	42	34	64	87	130	8	2	6	2	2	10	49	106	155	33	0	4	33	147	159	22	37	19	36	28	57	40	116	12
				3	1010-6	-	8-5	1-5	9-3	80	6-0	1	47	66	116	126	9	1	5	2	9	11	25	83	87	99	43	1	12	118	207	27	47	13	38	34	55	31	102
Yorks, N. Riding Leeming 109ft.			15	1010-3	-	9-8	1-9	9-5	76	5-9	0	41	79	137	105	3	0	2	2	5	19	23	80	86	81	67	4	22	103	222	14	53	21	55	26	61	25	90	20
				21	1010-9	-	8-3	1-4	9-1	80	5-3	10	75	79	73	120	8	0	3	2	5	9	23	76	113	124	10	1	14	89	224	37	34	22	25	29	57	41	102
Whitby Coastguard 218ft			3	1011-4	-	7-2	0-9	9-1	86	5-5	31	55	45	82	141	11	0	10	6	16	25	44	68	82	67	47	0	8	84	193	80	45	12	13	26	67	29	65	28
				9	1011-5	-	8-7	1-4	9-6	82	6-2	4	40	54	143	117	7	0	7	5	6	22	52	76	60	64	73	0	11	123	190	41	53	19	20	18	85	36	60
Yorks, E. Riding Leconfield 28ft			15	1011-0	-	11-2	2-6	9-8	71	6-1	4	29	74	153	101	4	0	3	2	10	9	24	85	75	69	88	0	17	170	160	18	39	45	16	29	60	33	88	37
				21	1011-8	-	8-4	1-3	9-6	83	5-5	17	65	55	107	111	10	0	8	4	8	19	47	80	59	84	56	0	8	83	227	47	53	21	10	25	66	31	78
Kilnsea 51ft.			9	1011-3	-	8-6	1-1	9-8	85	6-2	4	38	51	149	110	13	4	7	2	5	9	19	87	154	76	2	4	51	151	157	9	24	21	40	24	77	59	60	51
				15	1011-0	-	10-0	1-6	10-2	81	6-2	3	36	60	143	112	11	4	6	2	4	5	17	90	150	78	9	6	41	181	125	12	31	29	49	44	51	44	65
Lincoln Waddington 227ft.			3	1011-7	-2-1	7-1	0-7	9-5	89	5-5	32	53	50	80	136	14	0	9	11	15	20	58	100	76	44	32	0	7	170	193	55	29	26	26	19	44	60	72	34
				9	1011-9	-	9-1	1-3	10-0	83	6-2	6	35	52	148	118	6	0	5	3	7	19	32	125	81	52	41	0	13	170	154	28	36	26	26	27	60	56	78
Manby 47ft.			15	1011-4	-	11-2	2-2	10-2	75	6-3	3	30	55	155	121	1	0	2	0	4	12	32	87	111	51	66	0	14	193	148	10	41	33	43	26	56	52	90	14
				21	1012-2	-	8-3	1-0	9-9	86	5-3	25	69	50	96	123	2	0	1	6	9	22	47	113	96	49	22	0	10	114	198	43	24	24	25	28	35	47	53
Norfolk West Raynham 263ft.			3	1011-8	-	8-0	0-7	10-0	88	5-6	41	22	80	63	151	8	2	7	2	6	3	7	77	260	1	0	8	67	157	113	20	27	19	42	18	52	55	91	41
				9	1012-0	-2-2	8-9	1-1	10-2	86	6-3	11	16	71	109	150	8	1	5	4	5	7	21	115	206	1	0	8	78	154	107	18	33	28	39	22	48	50	95
Suffolk Mildenhall 39ft.			21	1012-3	-	8-8	0-9	10-3	87	5-5	39	25	87	63	147	4	1	4	1	3	5	14	83	252	2	0	15	67	145	111	27	23	25	43	24	61	37	92	33
				3	1012-2	-	7-1	0-6	9-5	90	5-2	46	56	50	61	140	12	0	9	8	12	24	51	118	94	41	8	0	6	116	233	10	42	30	34	24	51	91	55
Bedford Cardington 96ft.			9	1012-3	-2-5	8-9	1-3	10-0	84	6-2	9	39	46	129	133	9	0	8	5	10	19	43	114	86	99	11	0	6	168	181	10	46	34	28	23	48	85	62	29
				15	1011-7	-	11-3	2-3	10-3	75	6-1	5	37	57	155	107	4	0	3	1	9	12	22	101	88	69	30	0	7	181	173	4	63	34	29	21	41	73	75
Essex Stansted 334ft.			21	1012-6	-	8-3	1-0	9-9	87	5-3	23	68	56	85	123	10	0	5	7	7	17	37	121	123	39	9	0	7	104	244	10	38	32	42	28	59	70	61	25
				3	1011-7	-	7-3	0-6	9-7	91	5-5	49	37	40	84	150	5	1	6	0	6	20	52	144	74	51	11	0	8	122	199	36	32	23	27	17	44	59	88
Hertford Bovingdon 517ft.			9	1012-0	-2-5	9-4	1-3	10-4	84	6-3	8	30	50	148	119	10	0	2	4	9	16	25	132	106	50	21	0	8	173	169	15	33	27	29	26	47	66	86	36
				15	1011-5	-	11-4	2-0	10-8	77	6-3	4	28	50	168	109	6	0	1	3	0	8	19	118	111	82	23	0	11	187	162	5	34	36	42	25	48	57	88
Nottingham Watnall 390ft			21	1012-3	-	8-2	0-8	10-1	89	5-2	32	70	46	98	112	7	0	6	2	4	11	31	160	98	45	8	0	9	114	211	31	22	27	25	34	60	48	86	32
				3	1012-2	-	7-0	0-5	9-7	93	5-4	53	42	43	73	146	8	0	7	5	15	25	55	133	110	14	1	0	13	152	184	16	29	42	23	28	47	90	61
Wattisham 299ft.			9	1012-5	-2-2	9-1	1-1	10-5	87	6-3	8	32	54	132	131	8	0	8	4	10	12	41	94	130	54	12	0	19	199	140	7	35	43	27	31	46	86	73	17
				15	1011-9	-	11-3	2-0	10-7	78	6-3	3	30	48	173	109	2	0	1	1	0	9	33	68	164	76	12	0	13	200	120	4	44	39	28	26	41	78	80
Aldeburgh 30ft.			21	1012-7	-	8-2	0-8	10-1	89	5-4	32	56	51	93	128	5	0	5	0	14	17	30	130	129	38	2	0	16	151	178	20	29	43	30	38	60	59	69	17
				3	1011-9	-	7-7	0-8	9-7	88	5-4	54	49	25	83	145	9	0	10	6	15	16	54	109	131	24	0	0	8	109	190	58	30	35	25	16	44	80	58
Gorleston 26ft.			9	1012-3	-	9-8	1-5	10-3	81	6-5	8	28	36	149	138	6	0	5	7	7	13	39	90	129	60	15	0	8	167	164	26	35	35	29	21	45	84	64	26
				15	1011-8	-	11-8	2-5	10-3	73	6-5	6	22	39	170	128	0	0	0	0	5	6	26	79	149	84	16	0	10	195	152	8	47	46	39	19	47	67	65
Suffolk Mildenhall 39ft.			21	1013-0	-	8-8	1-1	10-0	85	5-5	33	49	52	97	120	4	0	6	2	9	20	44	112	135	35	2	0	5	114	205	41	35	42	35	29	45	71	55	12
				3	1012-1	-	8-7	0-8	10-5	89	5-1	80	24	40	89	128	4	0	3	1	6	6	15	201	133	0	0	2	23	144	173	13	36	27	24	15	61	64	91
Bedford Cardington 96ft.			9	1012-3	-2-7	9-5	1-1	10-6	86	6-1	17	25	50	152	109	12	1	6	6	2	9	20	211	110	0	0	1	36	184	140	4	44	34	23	23	64	66	73	34
				15	1012-0	-	10-7	1-6	10-9	81	6-3	13	16	50	171	112	3	0	2	3	4	6	18	204	128	0	0	0	148	209	102	5	47	41	29	26	80		

TABLE IV (continued) - Summary of Observations at Fixed Hours

ANNUAL 1966

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (ft.)		Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Yards and Miles)							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	0-44 yds	45-210 yds	220-430 yds.	440-1,090 yds.	1,100-2,190 yds.	2,200-4,390 yds.	3-6 mi.	7-12 mi.	13-24mi	25 or over mi.	Beaufort Force					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
																										8 or more	6, 7	4, 5	1-3	Calm								
																										34 or more	22-33	11-21	1-10	0								
Number of Observations																																						
4 MIDLAND COUNTIES — cont.		3	1011.9	-	7.4	0.7	9.5	89	5.1	70	38	38	74	135	10	2	5	4	20	17	65	130	83	34	5	0	4	71	227	63	41	17	21	26	57	32	70	38
Finningley		9	1012.1	-2.3	9.4	1.4	10.1	82	6.2	12	28	55	133	132	5	0	2	2	17	26	38	120	116	39	5	0	6	123	208	28	51	21	25	29	62	43	63	43
46ft.		15	1011.6	-	11.9	2.5	10.4	72	6.1	10	28	66	150	107	4	0	3	2	4	12	29	100	150	50	15	0	13	163	172	17	46	28	36	30	48	38	93	23
Warwick		21	1012.3	-	8.9	1.2	10.0	84	5.1	40	52	55	106	108	4	0	3	8	12	14	56	164	85	22	1	0	11	90	220	44	37	18	32	26	52	35	91	33
Edgbaston		9	1012.7	-2.5	8.7	1.2	9.8	85	6.1	9	36	56	119	138	7	0	6	3	11	42	47	119	86	44	7	0	6	92	263	4	36	19	48	32	71	53	62	40
542ft.		15	1012.1	-	11.3	2.4	9.9	73	5.9	8	26	82	152	97	0	0	0	1	5	17	40	103	83	68	48	0	6	149	210	0	39	13	41	26	60	66	86	4
Elmdon		21	1013.0	-	9.2	1.4	9.9	82	5.3	26	58	64	93	121	3	0	2	2	9	23	37	126	127	33	6	0	7	94	259	5	38	25	37	27	59	53	78	43
362ft.		3	1012.6	-	7.1	0.8	9.3	89	5.6	33	48	38	104	127	15	0	6	8	19	26	58	118	108	21	1	0	8	82	206	69	29	21	23	30	51	71	42	29
Shropshire		9	1012.6	-	8.9	1.3	9.9	84	6.5	6	31	38	142	137	11	0	1	5	11	25	81	122	112	8	0	0	6	142	192	25	32	29	33	32	62	61	60	31
Shawbury		15	1012.1	-	11.6	2.8	9.7	70	6.3	4	23	63	165	109	1	0	0	1	2	14	48	127	132	35	6	1	21	173	164	6	32	28	36	32	51	74	63	43
249ft.		21	1013.0	-	8.8	1.4	9.7	83	5.4	22	67	45	115	112	4	0	3	3	9	45	78	148	74	5	0	0	8	89	223	45	27	30	28	29	49	59	55	43
Worcester		3	1012.2	-	7.1	0.6	9.5	91	5.9	19	47	46	95	150	8	1	6	3	17	15	55	59	73	118	18	0	5	83	216	61	38	8	41	19	52	57	72	17
Persnore		9	1012.3	-	9.0	1.2	10.1	85	6.4	5	24	48	171	111	6	0	4	5	9	8	39	78	90	99	33	0	8	127	202	28	40	9	44	33	52	55	75	29
Hereford		15	1011.9	-	11.6	2.4	10.3	73	6.2	5	22	68	175	94	1	0	0	1	2	8	16	81	82	108	67	0	20	160	175	10	49	12	44	28	46	38	93	45
Ross-on-Wye		21	1012.7	-	8.5	1.0	10.0	86	5.7	14	48	65	132	104	2	0	2	1	6	20	47	71	72	105	41	1	5	76	245	38	52	10	40	26	35	61	70	33
Worcester		3	1012.7	-	7.6	0.8	9.8	90	5.6	45	41	36	87	147	9	3	5	2	6	14	47	109	79	68	32	0	10	105	171	79	29	27	34	15	41	89	36	15
Persnore		9	1012.8	-	9.6	1.3	10.4	84	6.3	7	41	31	139	146	1	0	2	1	12	14	32	99	100	70	35	1	18	149	164	33	40	16	51	16	43	81	69	16
117ft.		15	1012.2	-	12.5	2.6	10.6	72	6.1	6	34	61	152	112	0	0	0	0	1	6	31	70	98	79	80	1	28	195	129	12	36	29	46	13	37	75	77	40
Hereford		21	1012.8	-	9.3	1.2	10.3	84	5.4	32	60	42	98	129	4	0	3	1	6	10	35	91	86	83	50	0	11	111	190	53	31	22	47	18	36	83	53	22
Ross-on-Wye		9	1012.6	-2.7	9.7	1.4	10.3	83	6.2	8	47	38	112	153	7	0	8	6	2	6	27	130	40	127	19	0	3	70	279	13	38	34	42	11	49	99	68	11
226ft.		15	1012.1	-	12.4	2.7	10.3	71	6.0	5	38	77	123	121	1	0	0	2	1	2	17	102	40	169	32	0	6	86	271	2	34	46	40	10	33	91	85	24
Gloucester		21	1012.9	-	9.4	1.3	10.3	83	5.3	24	77	45	85	130	4	0	4	2	2	10	25	113	43	141	25	0	2	46	288	29	27	37	36	17	37	108	66	8
Filton		3	1013.0	-	8.2	0.7	10.3	90	5.2	62	37	47	76	139	4	0	3	2	3	26	44	126	137	23	1	0	8	81	207	69	37	33	25	17	45	70	59	10
197ft.		9	1013.2	-2.5	9.9	1.2	10.8	85	6.1	10	37	57	114	143	4	0	4	2	10	11	47	97	123	60	11	0	10	127	203	25	36	44	33	21	49	78	60	19
Gloucester		15	1012.7	-	12.3	2.3	11.0	75	5.8	8	38	77	142	100	0	0	0	0	2	6	25	74	119	93	46	0	24	146	180	15	39	38	23	20	39	91	82	18
79ft.		21	1013.4	-	9.6	1.1	10.6	85	5.3	40	47	68	82	125	3	1	3	0	0	17	47	118	135	34	10	0	8	92	229	36	34	39	19	24	37	93	64	19
Gloucester		3	1013.0	-	8.4	0.8	10.2	89	5.5	46	42	79	148	8	0	7	1	6	25	41	144	93	44	4	0	1	71	223	70	37	34	18	14	68	91	24	9	
197ft.		9	1013.2	-	10.1	1.5	10.5	82	6.3	10	32	44	139	137	3	0	2	2	13	15	52	100	97	54	30	0	2	111	214	38	40	35	14	21	59	99	35	24
79ft.		15	1012.7	-	13.0	2.9	10.9	71	6.2	5	26	62	175	97	0	0	0	0	3	7	39	80	93	78	65	0	4	136	213	12	49	41	23	19	53	96	46	26
Little Rissington		21	1013.5	-	10.0	1.4	10.6	82	5.3	31	69	51	94	126	3	1	0	0	4	21	56	115	90	46	31	0	3	70	243	49	32	41	13	27	60	99	30	14
751ft.		3	1012.8	-	7.0	0.5	9.6	92	5.4	45	51	39	55	143	32	4	25	12	8	32	38	110	79	41	16	1	7	107	227	23	39	37	31	15	30	82	72	36
197ft.		9	1012.9	-2.5	8.4	1.0	9.9	87	6.3	9	35	40	122	133	26	1	24	11	8	11	32	89	81	76	32	0	13	145	186	21	41	32	41	16	37	77	73	27
751ft.		15	1012.3	-	10.9	2.3	10.1	76	6.3	4	29	57	148	121	6	0	4	3	3	10	27	77	95	79	67	0	22	170	160	13	35	42	30	10	39	65	86	41
197ft.		21	1013.2	-	8.3	1.0	9.9	87	5.0	42	64	49	87	110	13	0	15	4	8	10	34	94	105	66	29	0	12	106	226	21	42	43	33	19	28	56	91	32
5 ENGLAND, S. E.																																						
Greater London		3	1012.9	-	8.3	0.8	10.2	89	5.1	45	58	43	89	124	6	0	4	5	7	17	55	106	103	65	3	0	5	92	221	47	41	36	23	14	52	66	69	17
Heathrow		9	1013.1	-	10.1	1.5	10.5	82	6.1	10	44	48	126	130	7	1	5	2	7	25	45	93	114	58	15	1	6	146	196	16	41	36	32	17	61	65	72	25
86ft.		15	1012.5	-	13.1	3.0	10.5	69	6.0	9	30	73	147	105	1	0	1	1	2	8	22	71	134	82	44	1	13	185	159	7	45	32	31	16	45	65	89	35
Kew		21	1013.2	-	10.2	1.5	10.5	81	5.1	38	65	62	80	118	2	0	1	4	13	42	111	128	61	4	0	2	2	117	232	14	41	29	40	25	53	65	79	19
34ft.		9	1013.3	-2.4	10.6	1.8	10.3	78	6.1	15	36	42	132	133	7	0	5	3	7	21	35	110	84	71	29	0	4	104	237	20	46	26	43	14	54	78	59	25
Surrey		15	1012.6	-	13.2	3.1	10.2	66	6.2	9	24	64	153	113	2	0	0	1	4	9	14	103	81	95	58	0	2	143	211	9	46	23	37	18	39	81	72	40
46ft.		21	1013.4	-	10.5	1.7	10.3	79	5.0	48	64	40	104	108	1	0	3	0	5	7	27	114	115	74	20	0	0	64	276	25	36	25	46	21	42	91	58	21
Gatwick		3	1013.3	-	7.2	0.5	9.9	93	5.5	41	48	45	79	137	15	1	28	10	21																			

TABLE IV - Summary of Observations at Fixed Hours

ANNUAL 1966

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (ft.)		Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Yards and Miles)										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	0-44 yds.	45-210 yds.	220-430 yds.	440-1,090 yds.	1,100-2,190 yds.	2,200-4,390 yds.	3-6 mi.	7-12 mi.	13-24 mi.	25 or over mi.	Beaufort Force						N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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TABLE V WARMEST DAY AND NIGHT AND COLDEST DAY AND NIGHT IN THE YEAR 1966 AT EACH STATION

DISTRICT AND PLACE	WARMEST				COLDEST				DISTRICT AND PLACE	WARMEST				COLDEST			
	DAY		NIGHT		DAY		NIGHT			DAY		NIGHT		DAY		NIGHT	
	Highest Maximum and date		Highest Minimum and date		Lowest Maximum and date		Lowest Minimum and date			Highest Maximum and date		Highest Minimum and date		Lowest Maximum and date		Lowest Minimum and date	
0 SCOTLAND, N. Hannavoe	June 12, 13	19.4	June 14, 15, 16, 17 Aug. 10	12.2	Feb. 13	0.6	Feb. 14, Apr. 2	- 3.3	1 SCOTLAND, E. Haddington	May 31	23.3	Aug. 17	15.0	Feb. 9	0.0	Feb. 15	-10.6
Lerwick	June 13	19.0	Aug. 10	12.0	Jan. 18	-1.2	Feb. 10	- 5.7	Dunbar	July 8, 22	21.7	Aug. 17	16.1	Jan. 17, Feb. 9	1.1	Feb. 15	- 5.6
Baltasound	June 11	20.6	July 19	11.7	Jan. 18	-1.1	Jan. 4	- 8.3	Mertoun	May 1, 31, July 21	23.9	Aug. 17	13.9	Jan. 18	-1.1	Jan. 18	-10.6
Sule Skerry	—	—	Aug. 30	12.6	Feb. 10	2.3	Apr. 1	- 2.2	Lauder	July 21	23.3	July 23, Aug. 17 Sept. 4, 12	12.8	Jan. 18	-2.8	Feb. 15	-12.8
Stenness	June 12, 13, 17	19.4	Aug. 17, 30 Sept. 2, 20	12.2	Feb. 10	1.1	Feb. 15, 16	- 6.7	Marchmont	May 1	23.3	—	—	Feb. 9, 10	-1.1	Jan. 19, Feb. 15	- 7.8
Evie	June 15	19.4	May 1	13.3	Feb. 10	1.1	Feb. 10	- 3.9	Whitcheater	May 1	22.2	June 16	13.3	Feb. 8, 9, 10, 11	-1.7	Feb. 15	-10.6
Kirkwall	June 17	19.0	Sept. 6	12.8	Feb. 13	1.2	Feb. 11	- 4.2	St. Abb's Head	Aug. 19	21.4	Aug. 18	14.5	Dec. 25	-0.5	Jan. 19	- 5.0
Dounreay	June 17, 18	21.1	Sept. 6	13.3	Jan. 16, Feb. 10	0.6	—	—	Stanhope Farm	—	—	Aug. 18	13.3	Jan. 18	-1.7	Jan. 18	-11.1
Wick	Aug. 18	19.7	Sept. 4, 6	12.5	Feb. 10	1.2	Feb. 14	- 6.2	Blyth Bridge	July 21	23.9	Aug. 17	13.9	Feb. 10	-1.7	Jan. 18	-10.0
Cape Wrath	Aug. 26	19.9	June 16	13.7	Feb. 10	0.2	Feb. 10, Mar. 25	- 3.5	West Linton	July 21	24.4	Aug. 17	13.9	Feb. 10	-1.7	Jan. 18	-10.6
Achnary	July 21	22.8	June 16, July 8, 20	12.8	Feb. 15	-2.2	—	—	Glenfress	July 21	24.4	Aug. 17	15.0	Feb. 10	-1.1	Jan. 18	-11.7
Strathay	June 11, 12	22.2	June 14, 16, Sept. 20	12.2	Jan. 19	-0.6	Feb. 11	-12.8	Bowhill	May 31, July 21	24.4	Aug. 18	14.4	Jan. 18	-1.7	Jan. 19	-10.0
Stornoway	June 12	19.9	June 14	13.3	Dec. 24	0.6	Feb. 15	- 6.4	Wauchope	July 22	25.0	July 23, Aug. 12, 17, 18	13.3	Jan. 18, Feb. 9	-0.6	Feb. 15	-12.2
Balmacara	June 12	25.0	June 12, 13, 14, Aug. 29, 31, Sept. 21	12.8	Jan. 13, 19	1.7	Jan. 17	- 5.6	Sourhope	May 1, July 22	23.9	Aug. 18	13.3	Feb. 9, 10	-2.2	Jan. 15, Dec. 25	- 8.3
Poolewe	June 12	24.4	June 13, 18	15.0	Jan. 19	0.6	Feb. 11, 15	- 7.2	6a SCOTLAND, W. Threave	June 11	19.6	Aug. 29, 30	13.6	Jan. 19	1.5	Jan. 16, 17	- 3.5
Rudh Re	June 12	24.5	June 13	13.1	Feb. 14	1.2	Feb. 11	- 6.2	Rhuvaal	June 11	20.0	Sept. 20	14.0	Jan. 19	1.2	Jan. 18	- 1.8
Inverpoll	June 11	23.9	June 13, 16	15.0	Feb. 9, 11	1.1	Feb. 13, 15	- 6.7	Colonsay	June 11	22.2	Aug. 17, 30, Sept. 20	13.3	Feb. 11	1.7	Jan. 18	- 5.6
Achnashellach	June 12, July 21	23.9	July 20	13.3	Jan. 19	-0.6	Feb. 15	- 9.4	Craighouse	July 21	24.4	Aug. 29	13.9	Jan. 17, 18	0.0	Jan. 17	- 3.9
Kinlochewe	June 11	24.4	June 13, 14, 16, Aug. 17	13.9	Jan. 19	-0.6	Feb. 15	- 7.8	Machrihanish	June 11	23.1	June 12	14.2	Jan. 19	1.1	Jan. 15	- 5.9
Fortrose	July 21	25.0	Sept. 4, 20	13.9	Jan. 19, Feb. 14, Dec. 24	0.6	Feb. 15	(- 5.6)	Campbeltown	July 21	22.2	Aug. 19	13.3	Feb. 14	1.1	Jan. 18	- 3.9
Tarbatness	May 1 July 8	21.0	June 17	15.5	Feb. 15	0.0	Feb. 15	- 7.5	Polloch	June 11	25.6	June 16	14.4	Jan. 13, 17	-0.6	Jan. 18	- 9.4
Benbecula	June 12	24.3	June 14, July 19	13.4	Jan. 20	1.3	Jan. 17	- 5.0	Achaglachgach	July 21	24.4	June 11, 12, 13, Aug. 17, 30	13.3	Jan. 18	1.1	Jan. 17, 18	- 6.7
Isle of Rhum	June 12	25.0	June 16, Aug. 17, 18	13.3	Jan. 16, 17	1.1	Jan. 17, 18	- 6.1	Lepinmore	July 20	26.1	June 12	15.0	Feb. 11	0.6	Jan. 18, 19	- 5.6
Prabost	June 12	23.9	June 13	13.3	Dec. 24	0.6	Feb. 14	- 5.0	Glenbranter	July 21	25.0	June 12	14.4	Jan. 18	-0.6	Jan. 18, 19	- 7.8
Duntulm	June 12	23.3	June 16	13.3	Feb. 11	1.1	Feb. 14	- 5.6	Benmore Y. B. G.	—	—	Aug. 30	14.4	Jan. 18, Feb. 11	0.0	Jan. 18, 19	- 6.7
Onich	June 11	24.4	June 13	15.0	Jan. 16	-0.6	Jan. 15, 17, 19, Dec. 14	- 8.7	Kildonan	July 21	23.7	July 21	13.5	Jan. 19	0.7	Jan. 15, 18	- 2.5
Fort William	July 21	26.7	Aug. 31	14.4	Jan. 13, 17, 18	-0.6	Jan. 18	- 8.9	Brodie Castle	July 21	26.1	Aug. 17	15.0	Jan. 18, 19	1.7	Jan. 18	- 3.9
Fort Augustus	July 21	25.6	June 16, Sept. 20	13.9	Jan. 13	-1.1	Jan. 17	- 8.3	Rothsay	July 21	25.0	Aug. 17	13.9	Jan. 18, 19	0.6	Jan. 18	- 6.1
Cannich	July 19, 21	24.4	June 16, Sept. 20	12.8	Feb. 15	-3.9	Feb. 15, 16	-14.4	Millport	July 21	25.6	June 13, 17, July 8, 23, Aug. 12, 17, 18, 29, 30	13.3	Jan. 19	1.1	Jan. 19, 20	- 2.2
Inverness	May 31, July 21	23.9	June 18, Sept. 6, 20	13.9	Jan. 13, 16, Feb. 14, 15, Dec. 24	0.6	Feb. 15, 16	- 8.3	Finnart	July 20, 21	25.0	June 30	14.4	Jan. 18	0.0	Jan. 19	- 4.4
Coire Cas Shieling	May 31, July 21	20.0	June 16, Aug. 17, 19	10.6	—	—	—	—	Helensburgh	July 21	27.2	June 15, 16, 30, July 8, 23, Aug. 17, Sept. 20	12.8	Jan. 18, 19	-1.7	Jan. 18	- 6.1
Cairngorm	May 31	17.8	June 12, 13	9.4	—	—	—	—	Sloy	July 21	27.0	Sept. 20	15.1	Jan. 19	0.7	Jan. 18	- 6.0
Achnagoichan	July 21	24.4	June 16	13.3	Jan. 14, 17, Dec. 24	-1.7	Feb. 15, 16	-12.8	Cumbar-nauld	July 21	26.7	June 16, Aug. 17	13.9	Jan. 18, 19	-1.1	Jan. 18, 19	- 8.9
Glenmore Lodge	May 31	23.5	June 16	14.3	Feb. 11	-2.2	Feb. 15	-14.5	Earl's Hill	July 21	24.1	Aug. 17	12.8	Jan. 19	-3.2	Dec. 25	- 7.5
1 SCOTLAND, E. Nairn	—	—	—	—	Jan. 19	0.0	Feb. 15	-12.2	Stirling	July 21	27.2	July 8	14.4	Jan. 18	-1.1	Jan. 18	- 7.2
Forres	July 21	23.3	June 16	13.9	Jan. 19	-0.6	Feb. 15	-10.0	Falkirk	July 21	27.2	Aug. 17	14.4	Jan. 18	-1.1	Feb. 15	-14.4
Kinloss	July 6, 21	23.2	June 16	14.5	Feb. 10	-0.1	Feb. 15	-10.2	Greenock	July 21	25.6	Aug. 17, Sept. 20	13.9	Jan. 18, 19	-0.6	Dec. 25	- 5.0
Elgin	June 17	24.4	June 16	15.0	Feb. 10, 15	0.0	Feb. 15, 16	- 8.9	Paisley	July 21	27.8	Aug. 17	15.0	Jan. 18, 19	-0.6	Jan. 18	- 5.6
Lossiemouth	July 8	22.8	June 16	13.9	Jan. 19, Feb. 10	0.6	Feb. 16	-11.7	Barrhead	July 21	26.7	Aug. 17	14.4	Jan. 18, 19	-0.6	Jan. 18	- 7.8
Gordon Castle	May 1, June 16	23.3	June 16, Aug. 17, Sept. 6, 20	13.9	Feb. 10	-0.6	Feb. 11	- 7.2	Abbotsinch	July 21	27.1	Aug. 17	14.5	Jan. 18	-2.3	Jan. 18	- 8.4
Glenlivet	—	—	—	—	Jan. 16	-2.1	Feb. 15	-14.7	Crossmyloof	July 21	28.9	Aug. 17	14.4	Jan. 18	-0.6	Jan. 18	- 7.8
Banff	June 16	22.2	Sept. 20	13.9	Jan. 19, Feb. 10, 11, 13	0.6	Feb. 15	- 8.3	Thorntonhall	July 21	26.1	Aug. 17	14.3	Jan. 18, 19	-1.1	Feb. 15	- 7.8
Braemar	July 21	24.4	June 16	12.8	Feb. 15	-6.7	Feb. 15	-20.0	Glasgow, Springburn	July 21	26.7	Aug. 17	14.4	Jan. 18, 19	-1.1	Jan. 18	- 7.2
Balmoral	May 31	24.4	July 8	12.8	Feb. 15	-3.3	Feb. 15	-18.3	Coatbridge	July 21	28.3	Aug. 17	14.4	Jan. 18, Dec. 24	0.0	Jan. 18, 19 Feb. 15	- 6.7
Dinnet	July 22	24.4	Sept. 6	13.3	Feb. 10, 11	-1.1	Feb. 15	-16.7	Salsburgh	July 21	25.4	June 16	12.0	Feb. 14	-2.0	Feb. 15, 16	- 8.3
Fyvie Castle	—	—	—	—	Feb. 10	0.0	Feb. 16	-12.2	Lowther Hill	July 21	21.0	June 13	10.0	Jan. 19, Feb. 10, 14	-5.0	Jan. 20	-10.0
Craibstone	July 8, 21	22.2	Sept. 6	13.3	Feb. 14	-1.1	Feb. 15	- 9.4	Leadhills	July 21	23.3	June 13, Aug. 12, 18	12.8	Feb. 9, 10	-2.2	Jan. 15, Feb. 14	-10.0
Dyce	July 21	22.9	Sept. 6	14.0	Feb. 14	-0.5	Feb. 15	-13.6	Lanark	July 21	27.2	Aug. 18	13.9	Jan. 19, Feb. 11	-0.6	Jan. 18, 19	- 7.8
Aberdeen	July 21	23.3	Sept. 6	13.3	Feb. 14, 15	-0.6	Feb. 16	-12.2	Carnwath	July 21	25.0	Aug. 17	13.3	Feb. 11	-1.1	Dec. 25	-13.3
Udny	July 21	21.7	Sept. 6	12.2	Feb. 10, Dec. 24	-0.6	Feb. 15	-10.6	Camps Reservoir	July 21	23.3	Aug. 18	12.8	Feb. 11, 14	-1.7	Jan. 18	-10.6
Rattray Head	Aug. 17	19.3	Sept. 21	13.1	Feb. 10	-0.5	Feb. 15	- 5.5	Largs	July 20, 21	26.1	June 13, Aug. 30, Sept. 12	13.9	Jan. 18, 19	(0.6)	—	—
Fettercairn	July 21	23.9	Aug. 30, Sept. 6	12.2	Feb. 11	(-1.1)	Feb. 15, 16	- 8.9	Barr	June 11	25.0	—	—	Jan. 19	0.		

TABLE V (cont.) WARMEST DAY AND NIGHT AND COLDEST DAY AND NIGHT IN THE YEAR 1966 AT EACH STATION

DISTRICT AND PLACE	WARMEST				COLDEST				DISTRICT AND PLACE	WARMEST				COLDEST			
	DAY		NIGHT		DAY		NIGHT			DAY		NIGHT		DAY		NIGHT	
	Highest Maximum and date		Highest Minimum and date		Lowest Maximum and date		Lowest Minimum and date			Highest Maximum and date		Highest Minimum and date		Lowest Maximum and date		Lowest Minimum and date	
2 ENGLAND N.E. cont.		°C		°C		°C		°C	4 MIDLAND COUNTIES cont.		°C		°C		°C		°C
Leeming	July 22	26.2	Sept 4	16.0	Jan. 19	-2.4	Jan. 20	- 9.5	Raunds	June 15, Aug. 18, 19	26.7	Aug. 12	16.7	Jan. 19	-2.2	Jan. 19	-10.6
York (Heslington)	May 2, July 22	24.4	July 13	15.6	Jan. 14	-0.9	Jan. 19	- 6.7	Birmingham K.E.S.	Aug. 19	26.1	Aug. 19	16.1	Jan. 19	-2.8	Jan. 19	- 8.9
Ampleforth	Aug. 19	24.4	Sept 12	15.6	Jan. 18	-1.1	Jan. 19	- 8.3	Edgbaston	Aug. 19	25.9	Aug. 12	16.3	Jan. 19	-3.4	Jan. 19	- 8.7
Redcar	Aug. 19	25.6	Sept 11	16.1	Jan. 18	0.6	Jan. 19	- 6.7	Luddington	June 9, Aug. 19	26.7	Aug. 12	17.2	Jan. 19	-1.7	Jan. 19	- 8.9
Pickering	Aug. 19	25.7	Sept 11	15.3	Jan. 18	-1.1	Jan. 19	- 8.3	Stratford-on-Avon	Aug. 19	28.3	Aug. 12	17.2	Jan. 19	-1.7	Jan. 15, 19	- 8.3
Whitby	Aug. 19	25.6	Aug. 12, Sept 11	15.6	Jan. 18	0.0	Dec. 26	- 5.6	Elmdon	Aug. 19	26.2	Aug. 12	16.4	Jan. 19	-3.1	Jan. 19	- 9.8
Scarborough	July 12	23.3	Aug. 18	15.6	Jan. 18, Feb. 9, 10	0.6	Jan. 18	- 3.3	Shipston-on-Stour	June 9, Aug. 19	26.1	Aug. 13	15.6	Jan. 19	-2.8	Jan. 19	-10.0
Silpho Moor	Aug. 19	24.4	Aug. 12, 18	13.9	Feb. 10	0.0	Feb. 18	- 6.7	Wellesbourne	Aug. 19	26.7	Aug. 12	16.7	Jan. 19	-1.7	Jan. 19	- 8.9
Whitby C'Guard	Aug. 19	25.5	Aug. 12, Sept 11	15.7	Jan. 18	-0.1	Dec. 26	- 5.4	Moreton Morrell	July 23	27.8	Aug. 12	16.1	Jan. 19	-2.2	Jan. 19	- 9.4
High Mowthorpe	Aug. 19	25.0	Sept 11	14.4	Jan. 18, Feb. 9, 10	-1.1	Jan. 19	- 7.8	Rugby	June 9, Aug. 19	25.6	Aug. 12, 13	15.6	Jan. 19	-1.7	Jan. 19	- 8.3
Hull	Aug. 17	25.6	Sept 6	16.1	Jan. 15, Feb. 9	0.6	Jan. 19	- 4.4	Oxford	June 9, Aug. 18	26.7	Aug. 12	17.2	Jan. 19	-2.2	Jan. 19	- 9.4
Leconfield	Aug. 19	24.6	Aug. 12	17.2	Jan. 15	0.0	Jan. 19	- 9.4	Medmenham	Aug. 20	26.7	Aug. 12	16.7	Jan. 19	-1.7	Jan. 19	- 8.9
Filey	Aug. 17	22.2	Aug. 12, Sept. 6	15.6	Jan. 18	-0.6	Jan. 18	- 6.1	Grendon Underwood	Aug. 9	26.7	Aug. 12	16.7	Jan. 19	-1.7	Jan. 18, 19	-11.1
Bridlington	June 3	22.2	Sept. 4, 6	14.4	Jan. 18, Feb. 9	0.0	Jan. 18	- 6.7	Aylesbury	Aug. 20	26.7	Aug. 12	16.6	Jan. 19	-2.8	Jan. 19	-11.7
Kilnsea	June 3	23.8	Aug. 12	16.0	Dec. 14	0.2	Mar. 25, 29	- 3.0	Bletchley	June 9	27.8	Sept. 6	16.1	Jan. 19	-1.7	Jan. 19	-10.0
Waddington	Aug. 18	25.7	Aug. 12	16.8	Jan. 19	-2.0	Jan. 19	-10.2	Keele	Aug. 19	24.4	June 9, Sept. 4, 12	14.4	Jan. 19	-2.2	Jan. 19	- 7.2
Lincoln	Aug. 18	26.1	Sept. 4, 6, 12	15.0	Jan. 19	-0.6	Jan. 15	- 8.9	Onken	Aug. 19	26.1	Sept. 4	15.0	Jan. 19	-2.2	Jan. 19, 20	- 8.9
Cranwell	Aug. 18	25.9	Sept 6	14.8	Jan. 19	-1.8	Jan. 19	-12.2	Stone	Aug. 18	26.1	Sept. 4	15.0	Jan. 19	-2.2	Jan. 19	- 7.2
Brigg	May 2, June 1, Aug. 17	25.0	Sept 6	15.0	Jan. 19	0.0	Jan. 19	-10.0	Penkridge	Aug. 19	25.6	July 9, Sept. 4	15.6	Jan. 19	-1.7	Jan. 19	- 8.3
Caistor	Aug. 17	26.1	Aug. 12, Sept 6, 12	14.4	Jan. 15, 18, 19, Feb. 9	0.6	Jan. 15	- 8.9	Onecote	Aug. 19	22.8	Sept 12	13.3	Jan. 19	-4.4	Jan. 19	- 9.4
Binbrook	Aug. 17	25.1	Aug. 12	16.3	—	—	—	—	Oswestry	Aug. 19	24.4	July 24	15.6	Jan. 19	-2.8	Jan. 19, 20	- 8.3
Cleethorpes	Aug. 17	25.6	Sept 6	15.6	—	—	Dec. 26	- 3.3	Shrewsbury	Aug. 19	26.1	Sept. 4	15.6	Jan. 19	-1.7	Jan. 19, 20	- 7.8
Manby	Aug. 17	25.6	Aug. 12	16.8	Feb. 9	0.3	Jan. 19	- 6.3	Shawbury	Aug. 19	25.1	Aug. 12	17.0	Jan. 19	-2.8	Jan. 19	- 8.0
Skegness	June 4, July 23	24.4	Sept. 6, 12	15.6	—	—	Dec. 26	- 2.8	Newport	Aug. 19	26.1	Sept. 4	15.6	Jan. 19	-1.7	Jan. 19	- 8.3
3 ENGLAND, E.									Malvern	Aug. 19	26.7	Aug. 19	16.7	Jan. 19	-2.2	Jan. 19, 20	- 8.3
Terrington St. Clement	May 2, Aug. 18	26.1	Aug. 13	16.1	Jan. 18, 19	-0.6	Jan. 19	- 7.8	Worcester	June 9, Aug. 19, 20	26.7	Aug. 12, 19, Sept. 4	15.6	Jan. 19	-2.2	Jan. 19, 20	- 8.9
Marham	June 11	27.3	Aug. 12	16.6	—	—	—	—	Pershore (Inst. of H.)	June 9, Aug. 19	27.2	Aug. 12	17.2	Jan. 19	-1.7	Jan. 19	- 8.3
Saanton Downham	June 11	28.3	Sept 6	16.1	Jan. 18, 19	-0.6	Jan. 19	-11.7	Pershore	June 9	27.3	Aug. 12	17.2	Jan. 19	-2.4	Jan. 19	- 8.5
West Raynham	May 2	25.1	Aug. 12	16.7	Jan. 18, 19	-0.9	Jan. 19	-12.2	Halesowen	Aug. 19	26.1	Aug. 12	15.6	Jan. 19	-2.8	Jan. 19	- 9.4
Cromer	Aug. 17	26.7	Aug. 13	15.6	Jan. 14, Feb. 9	0.0	Jan. 19, Dec. 26, 27	- 3.9	Lyonshall	Aug. 19	26.7	Sept. 4	15.6	Jan. 19	-2.8	Jan. 19	- 7.8
Sprouton	May 2, Aug. 13	26.1	Aug. 12, Sept 6	16.1	Jan. 14	-0.6	Jan. 19	-13.9	Ross-on-Wye	June 9	26.6	Aug. 12	17.2	Jan. 19	-1.9	Jan. 15	- 7.2
Coltishall	June 11	26.4	Aug. 12	17.4	Jan. 18	-0.4	Jan. 19	-10.8	Preston Wynne	Aug. 18	26.1	Aug. 12, 19, Sept. 4	15.6	Jan. 19	-2.2	Jan. 20	- 7.8
Burlingham	May 2	25.6	Aug. 12	16.1	Jan. 14, 18	-0.6	Jan. 19	- 9.4	Avonmouth	June 9, Aug. 20	25.6	Aug. 12, Sept 6	16.7	Jan. 19	-2.2	Jan. 15, 19, 20	- 6.1
Gorleston	June 4	25.0	Aug. 12	17.4	Jan. 18	-0.1	Dec. 15	- 3.8	Filton	June 9	26.2	Aug. 12	16.5	Jan. 19	-2.6	Jan. 15	- 8.5
Mildenhall	Aug. 20	27.6	Aug. 12	17.8	Jan. 19	-0.9	Jan. 19	- 9.1	Hempsted	June 9	27.8	Aug. 12	17.2	Jan. 19	-1.7	Jan. 15	- 7.2
Broom's Barn	June 11	26.7	Aug. 12	16.7	Jan. 18	-1.7	Jan. 19	-11.1	Gloucester	Aug. 19	27.8	Aug. 12	17.8	Jan. 19	-1.7	Jan. 15	- 8.0
East Bergholt	June 10	27.8	Aug. 12	16.1	Jan. 18	-1.1	Jan. 19	- 9.4	Cheltenham	Aug. 19, 20	26.7	Aug. 12	17.2	Jan. 19	-2.2	Jan. 15, 19	- 7.2
Wattisham	June 11	25.8	Aug. 12	16.6	Jan. 18	-2.1	Jan. 19	- 7.9	Cirencester	June 9	26.7	Aug. 12	16.1	Jan. 19	-2.2	Jan. 19	- 8.3
Lowestoft	June 4	25.0	Aug. 12	16.1	Jan. 18	0.0	Dec. 26	- 3.9	Little Rissington	June 9	26.0	Aug. 12	15.8	Jan. 19	-4.3	Jan. 19	-10.2
Boxworth	Aug. 20	26.1	Aug. 12	17.2	Jan. 18, 19	-1.7	Jan. 19	-11.1	5 ENGLAND, S.E.								
Cambridge B.G.	June 10, Aug. 20	27.2	Aug. 12	17.8	Jan. 18, 19	-1.1	Jan. 19	-11.7	Kensington Palace	June 10	27.8	Aug. 12	17.2	Jan. 19	-2.2	Jan. 19, 20	- 6.7
Cambridge N.I.A.B	May 2, June 15, Aug. 20	26.7	Aug. 12	17.2	Jan. 18, 19	-1.1	Jan. 19	-10.6	Hampstead	—	—	Aug. 12	16.1	Jan. 19	-2.8	Jan. 19	- 7.8
Monkswood	June 9, 15, Aug. 18, 19, 20	25.6	Aug. 12, Sept 6	16.1	Jan. 19	-1.7	Jan. 19	-10.6	St. James Park	June 10, 15, Aug. 20	27.2	Aug. 12	17.8	Jan. 19	-1.7	Jan. 19	- 6.1
Woburn	Aug. 20	26.1	Aug. 13, Sept 6	15.6	Jan. 19	-2.2	Jan. 19	-13.9	Camden Square	Aug. 20	28.9	Aug. 12	17.2	Jan. 19	-2.2	Jan. 19	- 6.7
Luton	Aug. 19	26.4	June 12, July 2	16.0	Jan. 19	-2.6	Jan. 19	-11.4	Greenwich	—	—	Aug. 12	17.2	Jan. 19	-2.8	Jan. 19	- 6.7
Silsoe	Aug. 20	27.2	Aug. 12	16.7	Jan. 18	-2.2	Jan. 19	-11.7	Heathrow	June 10	28.3	Aug. 12	17.5	Jan. 19	-2.0	Jan. 19	- 6.8
Cardington	Aug. 20	28.9	Aug. 12	17.6	Jan. 19	-2.0	Jan. 19	-11.7	Hampton	June 10	27.8	Aug. 12	17.2	Jan. 19	-2.2	Jan. 19	- 7.8
Bovingdon	Aug. 20	25.9	Aug. 12	16.4	Jan. 19	-2.3	Jan. 19	-10.1	Southgate	June 10, Aug. 20	27.2	Aug. 12	16.7	Jan. 19	-1.1	Jan. 19	- 8.3
Aldenhall School	Aug. 20	27.2	Aug. 12	16.1	Jan. 19	-2.2	Jan. 19	- 9.4	Kew	June 10	27.2	Aug. 12	17.8	Jan. 19	-2.2	Jan. 19	- 6.1
Garston	June 9, 10, 15, Aug. 20	26.1	Aug. 12	16.7	Jan. 18, 19	-1.7	Jan. 19	-10.0	Waddon	June 9, 10	26.1	Aug. 12	17.2	Jan. 19	-3.3	Jan. 19	- 9.4
Rothamsted	June 9, 10, Aug. 20	26.1	Aug. 12	16.1	Jan. 18, 19	-2.8	Jan. 19	-11.1	Addington	June 10	26.7	Aug. 12	16.7	Jan. 19	-3.9	Jan. 19	-10.0
St. Albans	Aug. 20	26.7	Aug. 12	16.7	Jan. 19	-2.2	Jan. 19	-10.6	Bromley	June 15	26.7	Aug. 12	17.2	Jan. 19	-2.8	Jan. 19	- 8.3
Letchworth	Aug. 20	27.2	Aug. 12	17.8	Jan. 19	-1.7	Jan. 19	-11.7	Gatwick	June 10	28.2	Aug. 12	16.6	Jan. 19	-3.3	Jan. 15	-11.9
Stanstead Abbots	—	—	Aug. 12	17.2	Jan. 19	-1.7	Jan. 19	-10.0	Wisley	June 9, 10	27.2						

TABLE V (cont.) - WARMEST DAY AND NIGHT AND COLDEST DAY AND NIGHT IN THE YEAR 1966 AT EACH STATION

DISTRICT AND PLACE	WARMEST				COLDEST				DISTRICT AND PLACE	WARMEST				COLDEST			
	DAY		NIGHT		DAY		NIGHT			DAY		NIGHT		DAY		NIGHT	
	Highest Maximum and date		Highest Minimum and date		Lowest Maximum and date		Lowest Minimum and date			Highest Maximum and Date		Highest Minimum and Date		Lowest Maximum and Date		Lowest Minimum and Date	
5 ENGLAND S.E. cont.									5a SOUTH WALES cont.								
		°C		°C		°C		°C			°C		°C		°C		°C
Bracknell	June 9	27.0	Aug 12	16.8	Jan 19	-2.1	Jan 19	-8.2	Tredegar	Aug.18,19	24.4	Aug.12,21	15.0	Jan.19	-3.9	Jan.15	-9.4
Bournemouth	June 9,10	26.1	Aug 12	16.3	Jan 15	-0.6	Jan 15,16	-6.1	Newport	July 22	26.1	Aug.19	18.9	Jan.19	-2.2	Jan.15	-7.2
Hurn	June 10	26.6	Sept 4	16.6	Jan 15	-0.9	Jan 15	-6.9	Usk	July 22, Aug 18	27.2	—	—	Jan.19	-2.2	Jan.15	-12.2
Christchurch	June 9,10	25.6	June10,Aug12,31 Sept 4,6	16.1	Jan 15	-0.6	Jan 15,16	-6.1	Crumbland	Aug.19	25.0	Aug.19	15.6	Jan.19	-3.9	Jan.19,20	-7.8
Everton	June 9,10	25.6	Aug 12	16.7	Jan 15	-0.6	Jan 15	-6.1	8b ENGLAND, S.W.								
Southampton	June 9	28.9	June10,Aug12	16.7	Jan15,19	0.0	Jan15,16,19	-5.6	Hawkridge	Aug.19,20	23.3	Sept.3	14.4	Jan.14,19	-2.8	Jan.15,19,20	-6.1
Leckford	June9,Aug20	27.2	Sept 4	16.1	Jan 19	-2.2	Jan 15,19	-8.9	Cannington	Aug.19	24.4	Aug 12, Sept.4	16.1	Jan.19	-1.1	Jan.15	-6.7
Winchester	June9,Aug18, 19, 20	27.2	Aug 12	16.7	Jan 19	-1.7	Jan 19	-11.7	Weston-super-Mare	May 1 June 11,15 Jly21,Aug20,28	22.8	Aug.12	17.2	Jan.19	-1.7	Jan.15	-7.2
Martyr Worthy	June 9	28.3	Aug 12	16.1	Jan 19	-2.2	Jan 19	-8.9	Yeovilton	Aug.19	26.4	Aug.12	16.2	Jan.15	-0.7	Jan.15	-7.3
Southsea	June 9	27.2	June 10	17.8	Jan 18	-0.6	Jan 15,16	-4.4	Rodney Stoke	Aug.19	26.1	June 10,11 Aug 12	15.6	Jan.19	-1.7	Jan.15,19,20	-5.6
Hayling Island	June 9	27.2	June10,Aug12	17.2	Jan 18	-1.1	Jan 15,19	-5.0	Long Ashton	June 9	26.7	Aug.12	16.1	Jan.19	-2.8	Jan.15	-8.9
Long Sutton	June 9	26.7	Aug 12	15.6	Jan 19	-3.3	Jan 19	-11.1	Wincanton	Aug.19	26.7	Aug.12	15.6	Jan.19	-1.7	Jan.15	-7.8
Alice Holt Lodge	June 9	27.2	Aug 12	16.7	Jan 19	-3.3	Jan 19	-11.1	Bath C.B.S.	June 9	26.7	Aug.12,13	16.1	Jan.19	-2.8	Jan.15,19	-7.2
South Farnborough	June 9,10	27.6	Aug 12	16.8	Jan 19	-2.7	Jan 15	-9.1	Portland Bill	July 22	25.2	Sept.8	14.6	Jan.15	-0.3	Jan.15	-4.4
St. Catherine's Point	June 10	24.0	Sept 8	16.5	Jan 15	0.0	Jan 15	-4.7	Weymouth	July 22	26.7	Aug.12	16.1	Jan.15	0.6	Jan.15	-4.4
Ventnor	June 9,10	23.3	June10,Sept8	16.1	Jan13,14,15	-0.6	Jan 15,16	-5.1	Winfrith	July 22	26.1	Aug.12, Sept 4,6	16.1	Jan.15	0.0	Jan.15,16	-6.1
Shanklin	Aug 20	24.4	Aug 12	16.7	Jan 15	-0.6	Jan 15	-6.1	Shaftesbury	June 9	26.7	Aug.12	16.1	Jan.14	-2.2	Jan.19,20	-7.8
Sandown	Aug 19	23.3	Aug 12, Sept 4	16.7	Jan 14,15	0.6	Jan 15	-3.9	Swanage	Jly23,Aug18,20	23.3	Aug.29, Sept.4	16.1	Jan.15	0.0	Jan.15	-5.0
Ryde	Aug 19,20	25.0	Aug 12	17.2	Jan 14,15,18	0.6	Jan 15	-4.4	Poole	June 10	26.7	Aug.12, Sept.4	16.7	Jan.15	-0.6	Jan.15	-5.6
Lacock	June 9	27.2	Aug 12	16.7	Jan 14	-0.6	Jan 15	-11.7	Hartland Point	May 1	20.7	Sept.4	16.1	Jan.15	-0.1	Jan.15	-3.6
West Lavington	June 9	27.8	June 11, Aug12 Sept 4	15.6	Jan 19	-3.3	Jan 15	-10.0	Mount Batten	June 10,July 21	25.5	Sept.4	16.3	Jan.15	0.2	Jan.15	-4.8
									Plymouth Hoe	June 10	26.1	Sept.4	16.1	Jan.16,20	2.2	Jan.15	-4.4
Lyneham	June 9	27.5	Aug 12	15.8	Jan 19	-3.6	Jan 19	-8.9	Tavistock	Aug.19	26.7	Sept 4	15.6	Jan.15	0.6	Jan.16	-6.1
Chiseldon	June9,Aug18	26.7	Aug 12	15.6	Jan 19	-2.8	Jan 15	-10.6	Chivenor	July 21	24.4	Aug.12, Sept 4	16.5	Jan.20	0.6	Jan.15	-4.6
Larkhill	June9,Aug20	26.8	June 11	16.0	Jan 19	-3.2	Jan 15	-8.3	Ilfracombe	May 1	23.9	Aug.12	17.2	Jan.19,20	1.1	Jan.19,20	-1.7
Boscombe Down	June 9	27.7	June 10	16.2	Jan 19	-3.7	Jan 20	-9.0	Princetown	—	—	—	—	Jan.14,15	-2.8	Jan.15	-7.2
Upavon	June 9	26.9	Aug 12	15.8	Jan 19	-4.5	Jan 19	-8.7	Totnes	July 22, Aug 30	26.1	Sept.4, 8	16.1	Jan.15	0.0	Jan.16	-5.6
Porton	June 9	28.2	Aug 12	15.7	Jan 19	-2.8	Jan 19	-8.9	Slapton	June 10, Jly. 22	24.4	July 21,Sept.6, 8	16.1	Jan.15	0.0	Jan.15,16	-3.9
7a ENGLAND, NW									Newton Abbot	July 22	26.1	Sept.4, 6	16.1	Jan.11,14,20	0.6	Jan.15,16	-5.0
Sellafield	-	-	June 12	16.7	-	-	-	-	Paignton	July 22	26.1	Sept.4, 6, 8	16.7	Jan.15	0.0	Jan.15	-4.4
Carlisle	July 21	24.3	Aug 12	15.0	Jan 19	-0.4	Jan 15	-5.8	Torquay	July 22	26.8	Sept.8	16.6	Jan.15	0.1	Jan.15,16	-3.9
Newton Rigg	July 21	23.9	Aug 17, Sept 6	14.4	Jan 19	-0.6	Jan15,19,Dec25	-6.1	Teignmouth	July 22	26.7	Aug.12	16.7	Jan.15	0.6	Jan.15	-4.4
Spadeadam	May 1	22.8	Aug 12, 18	13.3	Jan 19	-1.7	Jan 19	-8.9	Starcross	July 22	26.1	Sept.4, 6	16.7	Jan.15	0.0	Jan.15	-5.0
Ambleside	July 22	25.0	June 12	15.6	Jan 18,19	0.6	Jan 19	-8.3	Exmouth	July 22	26.1	Sept.4, 6	16.1	Jan.15	-0.6	Jan.15	-5.0
Great Dun Fell	May 1	17.8	Aug 19	11.2	Jan 19	-7.6	Jan 19	-10.0	Exeter	Aug.20	26.8	July 20	16.7	Jan.15	-0.9	Jan.15	-5.5
Moor House	—	—	—	—	—	—	—	—	Scilly	Aug.20	21.8	Aug12, Sept.4	15.7	Jan.15	1.2	Jan.15	-2.6
Squirrels Gate	July 21	24.8	July 20	15.9	Jan.19	-0.7	Jan.19	-6.2	Penzance	Aug.19	23.9	Aug12, Sept.4, 7	16.1	Jan.15	1.1	Jan.16	-4.4
Urswick	July 19,21,22	25.6	June11,12,Sept11	15.0	Jan.18,19	0.6	Jan.15	-5.6	Gulval	Aug.19	23.9	Aug 12, 29,Sept 7	16.1	Jan.14,15	1.7	Jan.15	-3.9
Southport	July 21	24.4	Aug.21, Sept.11	15.0	Jan.14,19	0.6	Jan.19	-6.1	Culdrose	June10,Aug19	23.9	Sept.4	15.6	Jan.15	0.0	Jan.15,16	-5.0
Poulton-le-Fylde	July 21	24.4	July 20	15.6	Jan 18	-1.1	Jan.19	-5.0	Rosewarne	Aug.20	22.2	Aug 12, Sept.4	16.1	Jan.15	-0.6	Jan.16	-3.0
Grizedale	July 19,21	23.9	June12, Sept.11	13.9	Jan.18,19	0.0	Jan.19	-7.8	Lizard	June 10	23.9	Sept.4, 7	15.0	Jan.15	-1.0	Jan.15	-5.8
Kirkham	May 1, June15	23.9	Sept.4, 11	15.0	Jan.19	0.0	Jan.19	-5.6	Falmouth	June10, Aug19	24.4	Aug.12	15.6	Jan.15	0.0	Jan.15	-3.9
									Newquay	June 11	22.2	Aug.12	16.7	Jan.15	0.6	Jan.16	-5.0
Garstang	July 21	23.9	June 11	15.6	Jan.14	-0.6	Jan.17	-6.1	St. Mawgan	June 10	23.1	Aug.12	16.0	Jan.15	-0.8	Jan.16	-5.4
Morecambe	May 1, June10 11, July 21	23.9	June10,11, July20, Aug.18, Sept.11	15.6	Jan.19	0.6	Jan.19,20	-4.4	St. Austell	Aug.19	25.0	—	—	Jan.15	0.0	Jan.15,16	-3.9
									Fowey	July 21	25.6	Sept.4	16.1	Jan.15	0.0	Jan.15	-4.4
Penketh	May 1, June 9	24.4	—	—	Jan.19	-0.6	Jan.19	-6.1	Bude	June 10	24.4	June 11, Aug.12	16.7	Jan.15	0.6	Jan.16	-5.6
Preston	June 10	24.5	July 20, Sept.11	15.6	Jan.19	0.0	Jan.19	-5.0	Ellbridge	July 21	27.2	Aug12, Sept.4	15.6	Jan.15	0.0	Jan.15,16	-5.0
Stonyhurst	July 21	23.4	July 10,20, Aug19, Sept.11	15.0	Jan.19, Feb10	-0.6	Jan.19	-6.1	9 NORTH IRELAND								
									Loughmore Forest	June 11	22.2	June 12	13.9	Jan.19	-0.6	Jan.15,24	-7.2
Helmshore	Aug.19	23.3	Aug.19	14.4	Jan.19	-2.2	Jan.19	-7.2	Ballykelly	Sept.1	21.7	Sept.10	14.4	Jan.19	1.1	Jan.15, Nov23	-5.5
Burnley	May 1, Aug19	23.3	Sept.11	14.4	Jan.19	-1.1	Jan.15	-8.3	Derrynoyd Forest	July 21	23.9	Aug.17	15.0	Jan.19	0.0	Jan.15	-5.6
Nelson	May 2	25.7	Sept.11,12	14.4	Jan.19	-1.1	Jan.15	-6.2	Somerset Forest	May30,June11	22.2	Aug.17	14.5	Jan.19	0.6	Jan.24	-5.6
Rochdale	Aug.19	25.0	July 20, Aug.19, Sept.6,11,12	14.4	Jan14,19, Feb.10	0.0	Jan.19	-6.1	Garvagh Forest	June 11	22.8	Aug.17	14.5	Jan.19	0.0	Jan.16, Nov23	-5.0
West Kirby Park	June 10	25.0	July 20, Sept.11	16.1	Jan.19	-1.1	Jan.19,20	-6.7	Moneydig	June 11	23.1	Aug.17	14.9	Jan.19	0.4	Jan.24	-6.8
Bidston	May 1, June10	23.9	Sept.11	16.1	Jan.19	-1.1	Jan.19	-6.1	Ballymoney	June 11	22.0	June 12	13.9	Jan.19	0.6	Jan.15,16,25	-5.0
Ness Gardens	June 10	23.9	Sept.4,11	15.0	Jan.19	-1.7	Jan.19,20,21	-7.2									
Winnington	Aug.19	26.7	Sept.4	16.1	Jan.19	-0.6	Jan.19	-6.1	Lisnafillan	May 30,31	21.1	Aug.17	13.9	Jan.19	0.6	Jan.15	-7.2
Knutsford	Aug.19	27.4	Sept.4	15.5	Jan.19	-1.0	Jan.19	-6.3									
Ringway	Aug.19	25.4	Aug.12	16.8	Jan.19	-2.0	Jan.19	-6.7	Aldergrove								

TABLE VI - MONTHLY FREQUENCIES of sunshine for twenty stations:-
 Number of days in each month of 1966 on which the DURATION OF SUNSHINE was:-
 (i) Nil (ii) 3 hr or less (iii) more than 3 hr but less than 6 hr.
 (iv) between 6 and 9 hr (v) more than 9hr.

STATION	JANUARY					FEBRUARY					MARCH					APRIL					MAY					JUNE				
	Sunless	0-1-3-0hr	3-1-6-0hr	6-1-9-0hr	9-0hr	Sunless	0-1-3-0hr	3-1-6-0hr	6-1-9-0hr	9-0hr	Sunless	0-1-3-0hr	3-1-6-0hr	6-1-9-0hr	9-0hr	Sunless	0-1-3-0hr	3-1-6-0hr	6-1-9-0hr	9-0hr	Sunless	0-1-3-0hr	3-1-6-0hr	6-1-9-0hr	9-0hr	Sunless	0-1-3-0hr	3-1-6-0hr	6-1-9-0hr	9-0hr
Lerwick	19	10	2	0	0	9	10	7	2	0	7	12	7	5	0	1	4	7	9	9	6	9	3	2	11	8	7	9	0	6
Stornoway	18	8	4	1	0	9	8	7	4	0	5	11	13	2	0	4	7	4	6	9	1	8	5	11	6	6	9	5	5	5
Craibstone	22	4	4	1	0	9	14	2	3	0	2	10	9	10	0	7	7	8	6	2	9	5	4	11	5	13	6	3	3	3
Rothsay	19	8	4	0	0	17	10	1	0	0	10	8	6	6	1	11	4	6	6	3	9	3	3	6	10	9	6	7	3	5
Renfrew/Abbotsinch	20	6	5	0	0	13	12	3	0	0	1	11	8	10	1	11	7	2	7	3	2	9	6	2	12	4	17	3	4	2
Eskdalemuir	17	12	1	1	0	15	11	2	0	0	4	13	6	7	1	11	8	4	2	5	3	7	7	3	11	3	12	9	4	2
Douglas	17	11	2	1	0	14	9	5	0	0	2	8	12	7	2	11	6	5	3	5	0	5	10	2	14	4	7	6	7	6
Cockle Park	23	4	3	1	0	11	10	6	1	0	4	11	8	5	3	12	4	7	4	3	2	9	5	4	11	4	10	8	5	3
Gorleston	17	9	4	1	0	12	10	4	2	0	5	10	6	9	1	13	6	3	5	3	1	6	8	6	10	0	8	8	5	9
Cambridge (N. I. A. B.)	20	6	5	0	0	10	13	3	1	1	5	10	9	4	3	12	10	2	2	4	2	10	7	1	11	0	6	10	9	5
Edgbaston	19	8	4	0	0	12	11	4	1	0	7	10	6	7	1	13	8	4	2	3	3	7	3	6	12	0	11	9	6	4
Kew	15	11	5	0	0	12	13	2	1	0	1	13	8	7	2	13	7	4	3	3	0	8	8	3	12	0	6	9	6	9
Hastings	13	15	3	0	0	13	11	3	1	0	3	9	9	6	4	8	12	4	1	5	0	10	5	5	11	1	4	4	9	12
Southampton	16	9	5	1	0	13	10	4	1	0	6	9	7	4	5	10	10	5	2	3	2	5	4	8	12	0	3	8	8	11
Stonyhurst	16	10	5	0	0	14	10	3	1	0	7	12	7	5	0	11	8	5	2	4	0	11	3	9	8	2	10	9	5	4
Bidston	15	12	3	1	0	9	9	7	3	0	4	10	9	5	3	11	6	3	6	4	1	8	6	5	11	1	11	4	6	8
Valley	13	9	5	4	0	6	14	6	2	0	3	11	7	8	2	9	6	5	5	5	1	5	6	3	16	4	8	5	4	9
Falmouth	20	9	1	1	0	16	5	4	3	0	5	6	5	10	5	10	9	3	2	6	1	4	4	9	13	2	8	7	3	10
Aldergrove	22	5	4	0	0	12	11	5	0	0	6	10	5	0	0	11	9	5	0	5	0	8	6	9	8	5	11	8	4	2
Armagh	15	13	1	2	0	11	12	4	1	0	1	10	12	8	0	14	5	5	1	5	0	8	5	9	9	2	9	7	9	3

TABLE VI (continued)

STATION	JULY					AUGUST					SEPTEMBER					OCTOBER					NOVEMBER					DECEMBER				
	Sunless	0-1-3-0hr	3-1-6-0hr	6-1-9-0hr	9-0hr	Sunless	0-1-3-0hr	3-1-6-0hr	6-1-9-0hr	9-0hr	Sunless	0-1-3-0hr	3-1-6-0hr	6-1-9-0hr	9-0hr	Sunless	0-1-3-0hr	3-1-6-0hr	6-1-9-0hr	9-0hr	Sunless	0-1-3-0hr	3-1-6-0hr	6-1-9-0hr	9-0hr	Sunless	0-1-3-0hr	3-1-6-0hr	6-1-9-0hr	9-0hr
Lerwick	3	11	5	9	3	3	8	6	2	12	14	4	7	3	2	8	15	6	2	0	8	20	2	0	0	11	19	1	0	0
Stornoway	2	10	12	3	4	4	9	5	4	9	8	9	9	4	0	2	17	11	1	0	7	14	9	0	0	14	15	2	0	0
Craibstone	2	9	7	8	5	7	10	5	6	3	7	9	6	6	2	10	9	7	4	1	6	18	5	1	0	7	15	9	0	0
Rothsay	5	6	6	5	9	5	9	4	5	8	18	3	7	1	1	12	6	7	6	0	18	5	7	0	0	17	9	5	0	0
Abbotsinch	1	8	5	9	8	4	9	8	2	8	7	10	7	3	3	5	14	8	4	0	8	13	7	2	0	15	11	5	0	0
Eskdalemuir	2	9	6	7	7	7	11	8	2	3	7	8	10	2	3	5	13	10	3	0	6	13	9	2	0	11	14	6	0	0
Douglas	1	4	7	7	12	6	3	8	6	8	4	11	7	6	2	4	13	10	4	0	6	12	11	1	0	12	11	8	0	0
Cockle Park	2	7	9	6	7	11	8	2	4	6	6	10	5	6	3	9	10	9	3	0	4	16	8	2	0	7	10	12	2	0
Gorleston	2	9	5	10	5	1	6	7	5	12	2	7	8	8	5	9	10	9	3	0	11	13	4	2	0	13	12	6	0	0
Cambridge (N. I. A. B.)	2	10	9	5	5	2	8	6	6	9	1	6	13	7	3	6	14	8	3	0	8	16	6	0	0	12	14	5	0	0
Edgbaston	1	14	8	5	3	3	10	5	5	8	2	9	10	4	5	6	11	10	4	0	11	13	5	1	0	12	15	4	0	0
Kew	1	9	8	8	5	1	7	9	3	11	2	6	8	11	3	9	12	4	5	1	7	14	8	1	0	12	15	4	0	0
Hastings	3	8	4	7	9	0	5	6	10	10	3	3	6	9	9	6	12	8	5	0	11	11	5	3	0	11	14	6	0	0
Southampton	2	11	5	5	8	1	9	7	6	8	2	8	4	12	4	5	11	11	4	0	9	12	7	2	0	9	18	4	0	0
Stonyhurst	2	10	5	6	8	6	8	4	8	5	4	11	7	5	3	10	11	6	4	0	-	-	-	-	-	13	13	4	1	0
Bidston	1	9	4	11	6	2	10	4	6	9	2	9	9	6	4	5	10	11	5	0	8	15	6	1	0	13	12	6	0	0
Valley	1	8	2	10	10	2	9	3	8	9	2	8	7	10	3	3	12	11	5	0	9	12	8	1	0	14	10	6	1	0
Falmouth	2	5	5	10	9	3	6	5	3	14	2	9	9	4	6	4	8	10	7	2	6	12	8	4	0	13	11	7	0	0
Aldergrove	3	10	7	5	6	4	11	8	1	7	5	14	6	4	1	4	12	9	6	0	7	12	11	0	0	16	10	5	0	0
Armagh	0	11	8	7	5	5	11	6	3	6	3	12	6	7	2	4	10	11	6	0	7	13	8	2	0	12	12	7	0	0

TABLE VII - Number of days in 1966 with Rainfall between given limits

STATION	STATION								STATION	STATION							
	0 in 0-0.1 mm	.01 - .04 in 0.2 - 1.0 mm	.05 - .20 in 1.1 - 5.0 mm	.21 - .40 in 5.1 - 10.0 mm	.41 - .60 in 10.1 - 15.0 mm	.61 - .80 in 15.1 - 20.0 mm	.81 - 1.01 in 20.1 - 25.1 mm	1.01 in 25.1 mm		0 in 0-0.1 mm	.01 - .04 in 0.2 - 1.0 mm	.05 - .20 in 1.1 - 5.0 mm	.21 - .40 in 5.1 - 10.0 mm	.41 - .60 in 10.1 - 15.0 mm	.61 - .80 in 15.1 - 20.0 mm	.81 - 1.01 in 20.1 - 25.1 mm	1.01 in 25.1 mm
Lerwick	100	78	116	35	22	9	2	3	Shoeburyness	190	59	72	30	11	2	0	1
Stornoway	126	55	106	48	21	8	1	0	Edgbaston	159	56	88	40	10	9	1	2
Fort William	138	49	78	46	29	12	6	7	Ross-on-Wye	188	47	80	35	8	5	1	1
Nairn	-	-	-	-	-	-	-	-	Kew	209	40	69	32	5	8	0	2
Craibstone	133	91	86	36	7	6	1	5	Hastings	176	50	85	38	9	3	1	3
Leuchars	177	62	82	20	13	7	2	2	Southampton	165	69	72	35	14	4	3	3
Rothsay	133	46	103	41	23	4	10	5	Moor House	93	61	91	52	26	13	12	17
Renfrew/Abbotsinch	163	50	88	35	17	7	2	3	Stonyhurst	-	-	-	-	-	-	-	-
Eskdalemuir	133	59	74	48	17	19	7	8	Bidston	173	52	89	31	10	6	3	1
Douglas	164	38	88	34	19	11	6	5	Valley	160	63	73	36	21	6	6	0
Cockle Park	135	74	105	31	14	1	2	3	Llandrindod Wells	144	61	89	39	18	6	6	2
Scarborough	170	60	87	33	7	5	3	0	Long Ashton	171	55	83	31	20	3	0	2
Cranwell	172	62	90	30	7	1	2	1	Falmouth	159	41	83	48	13	12	4	5
Gorleston	165	60	97	31	9	3	0	0	Aldergrove	140	58	95	42	17	9	3	1
Cambridge	193	62	77	21	7	3	0	2	Armagh	120	79	101	35	18	6	2	4

TABLE VIII- NUMBER OF DAYS IN 1966 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	1	77	131	139	17	0	0	0	0	0	2	54	125	150	34	0	Edgbaston	4	47	89	90	103	31	1	0	0	0	2	24	108	135	93	3
Stornoway	0	40	122	130	73	0	0	0	0	0	4	41	132	126	62	0	Kew	2	23	72	98	105	56	9	0	0	0	1	14	73	155	108	14
Craibstone	4	81	87	111	74	8	0	0	0	0	3	63	141	127	31	0	Hastings	4	17	116	76	132	19	1	0	0	0	0	23	102	112	116	12
Rothsay	0	53	111	106	92	3	0	0	0	0	1	31	125	140	68	0	Southampton	2	17	59	111	109	62	5	0	0	0	4	21	104	135	93	8
Renfrew/Abbotsinch	2	45	96	103	108	11	0	0	0	0	6	53	120	116	70	0	Stonyhurst	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Eskdalemuir	8	70	104	82	88	13	0	0	0	1	11	68	136	111	38	0	Bidston	1	36	101	103	113	11	0	0	0	2	19	106	127	110	1	
Douglas	0	37	127	108	87	6	0	0	0	0	0	16	129	131	89	0	Valley	0	16	108	107	119	15	0	0	0	1	11	72	174	105	2	
Cockle Park	1	71	87	102	96	8	0	0	0	0	3	62	139	116	45	0	Falmouth	-	-	-	-	-	-	-	-	0	0	6	74	177	107	1	
Gorleston	1	45	88	87	117	27	0	0	0	0	0	22	107	114	114	8	Aldergrove	0	44	98	96	119	8	0	0	0	1	34	123	127	80	0	
Cambridge	2	33	72	92	106	51	9	0	0	1	3	49	116	113	81	2	Armagh	0	36	78	109	123	19	0	0	0	2	33	124	138	68	0	

TABLE IX- SUMMARY OF AUTOGRAPHIC RECORDS OF WIND.

Distribution of Winds at stated speeds at Anemograph Stations, and Maximum Speeds for the Year 1966

DISTRICT AND STATION		Distribution of Mean Hourly Values of Wind Speed								Mean Hourly Wind Speed in knots	Highest Velocities										
		34 knots or more			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		No. of Days	Duration in Hours					Veer from N	Speed in knots	Hour ended at			Veer from N	Speed in knots	Day and Time			
			1966	Ave.		Month	Day	hr	Month				Day	h. m.							
SCOTLAND																					
0	SCOTLAND	29	131	232	158	1379	3842	2940	468	0	13-8	320	52	December	23	16	300	87	December	23	1440
	Lerwick	20	114	75	126	993	3959	3070	624	0	12-8	270	47	December	23	10	250	79	September	6	1140
	Kirkwall	32	168	-	167	1275	4545	2055	599	118	14-5	320	49	November	30	06	320	70	November	30	0530
	Dounreay	5	8	-	40	165	2160	2714	3518	195	6-9	260	37	December	17	24	250	63	September	6	1315
	Shin	35	237	235	161	1340	3656	2216	1311	0	13-5	240	50	September	6	09	240	73	September	6	0805
	Stornoway (C' Guard)	13	45	-	81	601	2794	3419	1449	452	10-0	330	44	November	16	04	330	70	December	23	0920
	Duirinish	25	170	177	124	987	4449	2600	554	0	13-7	360	51	December	2	01	360	77	November	16	0155
	Benbecula	0	0	-	12	41	1654	3575	3371	119	6-1	230	32	September	6	06	090	53	December	2	0055
	Fort Augustus (N.S.H.E.B.)	9	46	-	87	538	3407	3857	912	0	10-8	250	43	September	6	12	270	69	February	2	0710
1	Kinloss	8	31	-	73	431	2851	3981	1403	63	9-5	310	42	November	30	15	280	70	September	6	0555
	Lossiemouth	4	14	6	60	288	3369	3509	1580	0	9-6	310	36	May	23	08	300	66	December	18	0435
	Dyce	45	260	294	229	2256	4204	1537	503	0	16-9	300	46	November	30	16	310	68	December	23	1115
	Bell Rock	0	0	-	8	28	945	3808	3904	75	4-9	260	30	November	16	15	300	66	November	30	1230
	Tummel Bridge	6	8	13	87	597	3748	3699	708	0	11-4	240	36	September	6	03	240	55	November	30	1555
	Leuchars	2	12	-	53	282	3279	3754	1433	0	9-5	260	40	September	30	16	310	68	September	6	0700
	Turnhouse	57	357	136	193	1974	3903	1572	954	0	15-8	320	55	December	6	03	240	55	September	6	1215
6a	Tiree	0	0	0-5	17	68	1673	4211	2808	0	6-5	350	32	September	17	20	240	55	December	17	1935
	Paisley	66	389	-	219	2047	3989	2059	276	0	16-9	300	66	September	6	04	250	78	September	6	1310
	Lowther Hill	7	24	-	108	583	3426	2645	2044	38	10-2	320	40	November	16	02	330	59	November	30	1250
	Hunterston	7	28	9	82	478	3666	3391	1197	0	10-6	290	38	May	23	03	290	63	May	23	0500
	Prestwick	2	8	22	50	265	2200	3012	3275	0	7-0	290	42	December	2	05	250	61	November	15	1845
	Eskdalemuir	7	34	-	90	533	3630	3818	663	82	11-1	340	49	May	23	03	290	63	November	15	2145
	November 30	7	34	-	90	533	3630	3818	663	82	11-1	340	49	November	30	13	300	63	November	15	2145
ENGLAND AND WALES																					
6b	Ronaldsway	36	272	-	150	1460	3250	2857	921	0	13-8	320	52	December	2	06	310	85	November	30	1735
	Point of Ayre	11	62	57	123	1105	4365	2425	795	8	13-3	330	50	December	2	06	330	77	December	2	0305
2	Durham	1	1	5	34	236	2747	3771	1874	131	8-5	280	38	December	2	06	330	77	December	2	0450
	South Shields	1	2	13	50	352	3062	3935	1409	0	9-5	360	36	December	18	04	320	66	December	30	1550
	Cranwell	2	4	4	48	276	3477	3807	1073	123	10-1	250	39	August	14	02	310	55	November	30	1550
	Manby	0	0	-	32	168	3627	3970	995	0	9-8	250	31	March	27	12	250	58	May	23	0155
3	Mildenhall	1	6	3	27	127	2103	4537	1987	0	7-7	260	39	March	27	12	250	48	March	27	1130
	Bedford	1	4	-	40	232	3321	4266	910	27	9-8	250	37	March	27	12	250	48	March	27	1120
	Cardington	7	38	23	90	656	4118	3101	815	32	11-8	250	44	March	27	13	250	58	March	27	1215
	Garston	0	0	-	6	23	1069	5796	1872	0	6-3	290	31	March	27	13	250	58	March	27	1230
	Rothamsted	0	0	0	2	6	1021	5298	2435	0	6-1	270	25	March	27	14	230	74	December	1	1410
	Stansted	0	0	-	40	184	3406	4150	985	35	9-7	250	33	December	2	10	270	52	March	27	1255
	Coryton	0	0	0	16	74	2424	5029	1026	207	8-4	230	28	March	27	13	250	53	March	27	0655
	Shoeburyness	0	0	-	40	184	3406	4150	985	35	9-7	250	33	March	27	15	250	56	March	27	1335
	Sheffield	21	81	29	142	1003	5131	2210	310	25	14-1	200	45	March	27	15	260	58	March	27	1335
4	Edgbaston	0	0	-	7	13	573	2764	5355	55	3-6	310	25	March	27	15	260	58	March	27	1335
	Elmdon	0	0	0-7	22	104	2537	5640	479	0	9-1	270	30	December	1	15	210	69	December	2	0235
	Keele	4	5	-	47	223	3013	4414	1105	0	9-4	260	35	December	23	14	240	55	January	2	2045
	Pershore	0	0	0	13	65	1823	4537	2335	0	7-1	320	32	March	27	12	270	56	March	27	1140
	London W/Centre	2	9	-	68	313	3363	3590	1485	0	9-7	270	39	March	27	12	260	63	March	27	1040
	Heathrow	0	0	0	33	160	4487	3692	421	0	11-0	270	33	November	16	15	280	63	November	16	0245
	Hampton	1	2	0-8	30	113	3085	4636	924	0	9-2	260	34	December	2	15	300	65	December	1	1245
	Kew	1	2	0-2	26	103	2336	4609	1710	0	8-0	-	34	March	27	13	270	57	December	1	1245
	Gatwick	0	0	0-1	10	40	2235	4844	1641	0	7-7	260	26	March	27	14	-	59	March	27	1500
	Isle of Grain	1	4	2	23	109	1950	4685	2012	0	7-5	270	37	March	27	12	260	53	March	27	1035
	Thorney Island	0	0	2	28	159	2534	3648	2287	132	8-0	220	31	March	27	13	270	70	March	27	1230
	Abingdon	2	3	0-6	50	256	2978	3734	1789	0	9-0	200	36	November	30	05	220	58	December	2	0230
	Hurn	0	0	0-1	19	80	2520	4239	1921	0	7-9	250	31	December	1	14	230	59	December	2	0110
	Calshot	0	0	2	31	172	2965	4197	1426	0	9-0	290	33	March	27	13	240	52	December	2	0600
	S.Farnborough	2	4	16	57	332	3568	3920	936	0	10-2	210	38	December	2	06	290	59	March	27	0845
	Boscombe Down	1	6	4	40	192	2819	4373	1370	0	8-9	250	39	December	1	14	270	52	December	2	0600
	Porton	3	22	5	69	420	3939	3581	798	0	10-9	280	44	March	27	12	260	60	March	27	1255
7a	Sellafield	1	6	3	52	275	3692	3642	1113	32	10-2	260	38	March	27	14	260	62	March	27	1450
	Carlisle	4	6	11	47	286	3091	4138	1196	43	9-5	280	35	March	27	15	280	66	March	27	1415
	Carlisle	1	2	-	48	259	3558	3578	1363	0	9-8	240	40	November	15	24	300	56	March	27	1520

TABLE IX (cont.) - SUMMARY OF AUTOGRAPHIC RECORDS OF WIND
Distribution of Winds at stated speeds at Anemograph Stations and Maximum Speeds for the Year 1966.

DISTRICT AND STATION		Distribution of Mean Hourly Values of Wind Speed									Mean Hourly Wind Speed in knots	Highest Velocities																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
		34 Knots or more			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		No. of Days	Duration in Hours						Veer from N	Speed in knots	Hour ended at			Veer from N	Speed in knots	Day and Time																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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TABLE X - MONTHLY FREQUENCIES OF GUSTS
Number of hours in each month of 1966 with Gusts exceeding (a) 33 kt. and (b) 47 kt.

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 Lerwick	164	44	284	78	92	38	21	25	158	73	197	296	1470	24	2	44	7	10	0	0	0	25	15	29	59	215
Kirkwall	99	23	169	37	32	8	13	10	120	57	169	223	960	0	0	42	1	10	0	0	0	16	5	33	65	172
Dounreay	129	[26]	[202]	[106]	92	2	11	3	75	[71]	129	194	*	16	[5]	[54]	11	10	0	0	0	15	[0]	36	36	*
Shin	15	6	68	36	36	1	[1]	1	[51]	3	87	87	*	1	0	9	0	1	0	0	0	15	0	6	18	50
Stornoway	87	85	193	40	20	16	2	17	77	28	151	310	1026	5	11	17	2	2	0	0	0	26	1	24	106	194
Duirinish	46	52	140	53	52	9	10	13	[6]	5	142	[102]	*	5	12	14	1	7	0	0	0	[1]	0	51	[12]	*
Benbecula	77	33	132	64	60	9	2	6	73	34	212	313	1015	8	2	13	0	8	2	0	0	17	1	76	86	213
Fort Augustus	14	27	14	24	12	3	2	0	20	2	6	29	153	0	3	0	0	0	0	0	0	5	0	0	0	8
1 Kinloss	13	9	104	33	33	1	9	1	41	20	115	112	491	0	1	6	2	2	0	0	0	10	0	16	23	60
Lossiemouth	42	30	165	60	48	0	6	5	65	40	184	177	822	1	1	24	2	10	0	0	0	14	1	58	38	149
Dyce	29	6	79	18	19	3	0	13	21	11	76	70	345	0	0	2	0	8	0	0	0	6	0	14	2	32
Bell Rock	138	132	148	65	30	8	5	41	53	66	240	217	1143	2	1	14	0	4	0	0	0	10	9	44	19	103
Rannoch	[6]	72	[74]	[51]	32	[7]	0	3	36	6	[86]	[51]	*	[2]	5	5	[1]	3	0	0	0	13	0	[6]	[6]	*
Tunnel Bridge	4	2	18	0	14	3	0	0	17	0	19	43	120	0	0	0	0	1	0	0	0	11	0	0	2	14
Leuchars	51	83	88	24	17	1	3	6	22	5	52	81	433	2	0	10	2	3	0	0	0	9	0	5	2	33
Turnhouse	38	55	61	12	29	10	4	9	45	3	47	86	399	1	3	7	2	1	3	0	1	14	0	5	14	51
Edinburgh (B. H.)	109	141	210	40	73	29	18	33	[90]	[9]	139	177	*	26	39	22	4	9	4	0	6	30	0	23	53	216
6a Tiree	219	209	248	154	109	20	17	20	87	110	280	371	1844	40	24	69	16	19	1	0	1	19	7	98	127	421
Millport	60	68	29	(111)	+	+	+	+	+	+	+	+	\$	4	11	4	15	+	+	+	+	+	+	+	+	\$
Cumbar-nauld	32	50	[56]	51	(22)	[11]	7	8	[27]	2	[60]	[59]	*	3	1	[3]	0	[0]	[3]	0	1	14	0	23	[7]	*
Paisley	24	53	60	14	20	7	2	8	34	0	60	82	364	3	0	5	0	4	1	0	0	1	0	24	7	45
Abbotsinch +	18	52	28	19	27	8	1	11	43	2	69	101	379	1	0	1	0	6	0	0	1	3	0	15	11	38
Lowther Hill	173	[242]	272	189	130	(58)	14	70	(107)	95	[173]	180	*	47	43	45	8	20	11	0	6	23	1	55	57	316
Hunterston	31	45	61	111	27	14	2	13	33	8	102	131	578	0	3	6	0	0	0	0	0	4	0	27	17	57
Prestwick	84	66	88	71	42	15	2	10	33	4	87	99	601	8	1	11	2	10	2	0	1	0	0	26	16	77
Chapelcross	20	59	58	17	21	12	0	+	+	[1]	41	36	\$	0	0	0	0	2	0	0	+	+	0	3	0	\$
Eskdalemuir	32	59	94	8	43	19	0	16	43	16	116	124	570	1	0	7	0	7	3	0	0	12	0	29	18	77
West Freugh	[82]	77	101	[74]	58	16	7	18	[27]	26	131	152	*	2	1	18	0	10	1	0	0	3	0	48	23	106
6b Ronaldsway	244	269	162	209	73	4	4	11	42	41	146	183	1388	48	18	23	14	18	0	0	0	1	1	35	30	188
Point of Ayre	95	95	98	25	32	4	0	22	27	34	133	[63]	*	1	1	7	0	5	0	0	0	5	1	32	[21]	*
2 Durham	23	66	88	11	33	39	4	34	31	0	79	104	512	0	2	9	0	15	6	0	5	0	0	14	7	58
South Shields	22	29	35	0	18	7	0	13	14	6	68	37	249	0	0	2	0	4	2	0	1	0	0	1	3	13
Cranwell	[6]	[39]	31	[2]	28	2	1	10	17	0	40	43	*	0	1	4	0	1	0	0	0	0	0	0	1	7
Manby	4	27	20	0	22	3	0	2	2	0	35	19	134	0	0	1	0	0	0	0	0	0	0	0	0	1
3 Gorleston	66	[36]	[33]	18	21	3	5	*	*	27	54	16	*	0	0	0	0	0	0	0	*	*	0	0	0	*
Mildenhall	16	51	49	5	34	5	1	19	33	2	38	36	289	1	1	10	0	1	0	0	0	0	0	2	2	17
Bedford	9	41	43	2	21	6	5	6	22	6	53	45	259	0	1	9	0	0	0	0	0	0	0	6	4	20
Cardington	28	74	71	1	43	12	18	20	44	7	63	103	484	0	1	14	0	4	0	0	0	0	0	8	11	38
Garston	12	18	28	1	7	0	0	0	0	0	36	31	133	0	0	3	0	1	0	0	0	0	0	0	1	5
Rothamsted	12	17	29	0	8	0	2	2	5	1	34	45	155	0	0	3	0	0	0	0	0	0	0	0	1	4
Stansted	11	24	47	0	17	2	6	3	3	0	41	31	185	0	0	6	0	1	0	0	0	0	0	0	2	9
Coryton	[42]	38	59	10	[47]	14	8	12	20	2	56	[56]	*	0	0	10	0	2	0	0	0	0	0	[50]	[19]	*
Shoburyness	79	112	[96]	[21]	72	[26]	22	[26]	50	33	90	112	*	3	9	10	0	3	0	1	0	0	0	24	18	69
4 Sheffield	4	14	31	0	19	[7]	0	3	10	0	66	75	*	0	4	0	0	3	1	0	0	0	0	6	2	16
Edgbaston	17	23	41	0	17	5	0	5	16	2	37	57	220	1	0	7	0	0	0	0	0	0	0	3	2	13
Elmdon	11	31	58	1	48	17	10	18	34	7	55	55	345	1	0	13	0	5	0	0	0	1	0	14	13	47
Amersham	6	(18)	*	5	22	2	19	6	20	7	55	79	*	0	0	*	0	0	0	0	0	0	0	3	16	*
Keele	55	47	63	23	18	9	1	4	18	1	63	97	399	0	2	9	0	1	0	0	0	0	0	11	18	41
Pershore	28	46	50	2	27	4	4	16	19	5	37	74	312	1	3	9	0	0	0	0	0	0	0	2	12	27
5 London W/Centre	37	56	43	6	36	4	18	14	20	1	33	38	306	0	1	9	0	1	0	0	0	0	0	0	1	12
Heathrow	10	28	30	0	14	0	1	2	3	2	20	33	143	0	0	8	0	0	0	0	0	0	0	1	2	11
Hampton	26	40	39	1	24	1	6	11	13	3	44	45	253	1	0	9	0	0	0	0	1	0	0	2	7	20
Kew	28	48	39	2	26	8	8	15	18	10	39	52	293	0	0	5	0	0	0	0	0	0	0	2	5	12
Gatwick	13	54	26	1	24	0	0	9	12	8	31	22	200	0	1	9	0	0	0	0	0	0	0	2	1	13
Isle of Grain	38	50	40	5	19	0	2	10	22	1	47	[50]	*	1	0	9	0	0	0	0	0	0	0	1	6	17
Dover	[46]	52	[57]	19	41	19	52	77	53	92	238	[45]	*	3	0	10	0	1	0	0	5	3	4	40	[24]	*
Thorney Island	31	17	32	2	26	7	6	14	24	37	49	62	307	1	0	5	0	0	0	0	0	0	2	2	3	13

TABLE X (cont.) - Number of hours in each month of 1966 with Gusts Exceeding (a) 33 kt. and (b) 47 kt.

District and Station		Number of Hours exceeding 33 kt.												Number of Hours exceeding 47 kt.													
		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
	Abingdon	[11]	15	22	0	8	1	0	0	1	1	18	47	*	1	0	7	0	0	0	0	0	0	0	0	2	10
	Hurn	19	47	38	1	24	0	2	10	10	20	28	34	233	3	0	5	0	0	0	0	0	0	0	0	7	15
	Calshot	32	36	24	0	20	0	1	9	11	17	27	12	189	0	1	4	0	0	0	0	0	0	1	0	3	9
	S. Farnborough	28	51	38	2	26	4	0	4	14	2	40	70	279	0	0	9	0	0	0	0	0	0	1	3	13	3
	Larkhill	φ	φ	φ	φ	φ	φ	φ	φ	φ	φ	23	93	§	φ	φ	φ	φ	φ	φ	φ	φ	φ	1	7	§	
	Boscombe Down	29	60	45	1	25	4	3	9	17	16	37	95	341	0	1	15	0	0	0	0	0	0	3	12	31	
	Porton	14	44	26	0	11	0	0	7	6	5	20	42	175	0	2	9	0	0	0	0	0	0	0	0	3	14
7a	Sellafield	35	11	29	17	19	1	0	3	15	5	78	70	283	0	0	2	0	1	0	0	0	1	0	9	4	17
	Carlisle	30	61	48	9	20	2	0	17	32	0	36	63	318	2	0	2	0	0	0	0	0	0	2	8	14	
	Spadeadam	65	77	[74]	59	35	17	1	37	[38]	23	82	93	*	1	4	4	0	7	1	0	13	[2]	1	6	28	*
	Great Dun Fell	209	250	[209]	188	130	93	64	85	172	116	238	204	*	45	61	[47]	14	28	17	1	10	50	2	45	58	*
	Moor House	[130]	[122]	245	[114]	92	48	10	58	127	28	137	[204]	*	[15]	12	34	12	22	10	0	1	28	0	12	[37]	*
	Squires Gate	55	85	109	40	39	34	20	27	73	12	117	162	773	1	6	15	0	19	0	0	1	6	0	44	37	129
	Southport	[23]	13	81	7	30	16	12	14	45	1	[97]	125	*	1	2	9	0	18	0	0	2	5	0	35	20	92
	Fleetwood	57	[44]	109	12	33	27	6	8	54	6	109	126	*	1	4	9	0	16	0	0	0	4	0	41	30	105
	Speke	49	56	101	4	45	28	4	17	44	9	80	126	563	0	5	18	0	16	0	0	0	4	0	31	25	99
	Manchester W/Centre	57	66	82	54	36	22	10	23	50	15	65	112	592	1	5	16	0	15	0	0	0	2	0	19	19	77
	Bidston	86	99	152	40	50	30	16	15	62	14	142	194	*	7	9	36	0	20	0	0	2	7	0	49	50	180
	Ringway	31	26	42	3	28	6	2	2	13	0	41	52	246	0	1	3	0	0	0	0	0	0	0	4	10	18
7b	Valley	109	119	106	70	91	20	2	33	76	35	141	202	1004	5	3	13	2	4	0	0	0	4	0	46	39	116
8a	Aberporth	[137]	177	124	97	94	23	[4]	10	46	27	136	234	*	[16]	15	28	3	4	0	0	0	0	0	44	49	*
	Milford Haven C.B.	87	87	37	58	29	4	2	7	43	46	90	176	666	2	2	5	2	0	0	1	0	2	5	14	45	78
	Brawdy	175	191	113	131	78	14	18	14	65	89	170	251	1309	17	11	22	10	0	0	1	0	4	9	57	59	190
	Port Talbot	86	59	50	59	31	7	9	10	32	13	68	104	528	2	0	15	5	0	0	0	0	0	0	4	20	46
	Rhoose	82	49	78	31	50	18	13	20	45	7	48	148	589	1	1	17	0	3	0	0	0	0	0	10	28	60
8b	Portland Bill	254	255	160	158	134	53	(80)	96	158	158	191	332	(2029)	91	40	37	15	17	0	(2)	(11)	25	36	70	106	(450)
	Mount Batten	88	106	58	47	40	1	4	18	15	50	53	120	600	9	9	13	0	1	0	0	0	0	1	6	20	59
	Scilly	233	214	88	89	150	15	13	33	38	130	153	251	1407	49	21	20	8	1	0	0	0	1	13	27	64	204
	Lizard	232	224	98	[101]	149	[11]	14	[27]	56	73	116	(284)	*	55	27	25	[8]	1	0	0	0	1	15	36	74	*
9	Ballykelly	95	102	122	108	54	6	2	26	49	22	125	141	852	3	7	14	4	2	0	0	4	4	0	31	39	108
	Aldergrove	55	19	48	26	24	0	0	14	15	3	51	33	288	0	0	3	0	1	0	0	0	0	6	12	22	22
	Kilkeel	95	34	68	103	41	6	4	6	32	[34]	127	[76]	*	4	1	7	0	4	0	0	0	0	4	12	25	57
	Carrigans	101	111	[72]	74	34	6	0	17	25	[2]	72	86	*	6	5	16	0	3	0	0	0	0	15	19	14	14
	Castle Archdale F.	43	49	83	39	[26]	1	2	11	28	8	72	87	*	1	8	10	0	[2]	0	0	0	0	16	18	*	*
	Guernsey	73	55	[59]	13	26	5	0	5	28	75	114	215	*	17	0	11	0	0	0	0	0	2	11	30	71	71
	Jersey	78	60	108	27	61	14	5	7	27	69	128	210	794	24	3	28	0	0	0	0	0	0	4	31	65	155

* Defective record

φ Anemograph dismantled for re-erection

§ Incomplete record

† Anemograph out of order

‡ Data for Renfrew published here until May 1966.

TABLE XI-OCCASIONS OF 'STRONG GALES' IN 1966
Occasions on which the Maximum Hourly Mean Wind was 41 Knots or more

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	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				Hour ended at	Direction	Speed	Time	Direction	Speed	
0 Lerwick	Mar. 7	21	260	43	2040	270	62	19-21	Bell Rock (cont)	May 23	07	290	43	0645	300	54	05-13
	Sept. 6	13	240	49	1305	240	70	07-24		Sept. 6	15	260	42	1415	280	56	04-19
	Nov. 30	11	060	45	1015	050	68	09-15		Oct. 27	09	010	42	0830	010	56	01-04, 06-16, 18
Kirkwall	Dec. 18	02	250	42	0155	260	67	01-05	Rannoch Edinburgh, Blackford Hill	Nov. 1	18	030	42	1710	030	55	07-09, 12-24
	Dec. 23	16	320	52	1440	300	87	01, 02, 04, 14-16, 19-21		Nov. 16	16	350	41	1405	350	56	02-09, 11-19, 21, 22, 24
	Dec. 24	19	330	45	1825	330	73	15-21		Nov. 30	16	300	14	1555	310	68	02, 07-20
	Mar. 31	09	300	46	0810	300	67	06-10		Sept. 6	03	250	41	0125	250	57	01-14
	May 23	06	340	45	0520	350	64	04-13		Jan. 5	14	180	41	1300	180	73	12, 14-16
	Sept. 6	13	250	58	1140	250	79	08-22		Sept. 6	14	240	42	1320	240	68	09-15
	Nov. 15	14	330	41	1625	330	62	06, 12-24		Dec. 17	30	230	43	1925	230	72	07-12, 18-24
	Dec. 1	24	050	41	2330	050	63	23, 24		Feb. 25	20	170	41	1850	160	62	09-11, 18-24
	Dec. 2	01	040	43	0315	040	64	01-07		Mar. 27	15	340	43	1705	340	60	13-18, 20
	Dec. 17	24	250	42	2325	250	62	22, 24		May 22	24	300	44	2310	300	64	20-24
Dounreay	Dec. 18	01	260	41	1040	270	71	01-08, 11	6a Tiree	May 23	01	300	43	0020	300	62	01-06
	Dec. 23	10	270	47	1220	310	76	02, 04-18		Nov. 15	24	310	48	1450	250	78	14-24
	Jan. 28	14	130	41	1310	130	55	12-17		Nov. 16	01	310	45	0020	310	71	01-24
	Mar. 21	11	290	42	1055	290	66	10-16		Nov. 30	10	310	41	0930	310	58	01-03, 07-17
	Mar. 23	19	330	44	1835	330	63	06-08, 12, 13, 17-20, 23		Dec. 1	20	360	52	2210	350	75	06-09, 18-24
	Mar. 31	06	280	44	0555	280	65	03-10		Dec. 2	04	320	55	0130	330	78	01-20
	May 23	07	330	46	0610	330	66	03-13		Dec. 9	06	290	42	0440	290	67	01-12
	Sept. 6	10	250	46	1355	250	67	08-22		Feb. 8	07	060	41	0605	050	58	01-10
	Nov. 30	06	320	49	0530	320	70	02, 04-13		Apr. 9	16	060	41	1240	060	55	01, 02, 06-20
	Dec. 18	11	280	42	1045	280	64	03-06, 09, 11-15, 18-20		Cumbernauld	Sept. 6	04	220	41	0305	220	60	03-09
Stornoway	Dec. 23	11	280	48	1045	280	69	01, 03, 06, 08-19	Abbotsinch	Nov. 30	14	290	41	1450	290	64	13-18
	Jan. 5	13	190	42	1220	220	58	07, 08, 10-14	Lowther Hill	Jan. 2	101 102	290	49	0055	280	67	01-04
	Feb. 25	24	180	44	2350	180	56	21-24	Jan. 5	10	200	43	0835	200	62	05, 07-11	
	Feb. 26	02	190	46	0015	190	62	01-11, 14	Jan. 10	09	130	45	0515	140	61	05-11, 13-24	
	Mar. 7	14	200	43	1350	220	54	10-16	Jan. 11	06	090	42	0605	090	53	01-07	
	Mar. 23	13	310	45	1245	310	57	05, 09-14	Feb. 8	16	100	53	1635	090	57	05-24	
	Sept. 6	09	240	50	0805	240	73	01-16	Mar. 10	15	280	50	1405	270	67	08-21	
	Dec. 2	02	360	43	0140	360	59	01-13	Mar. 23	16	300	51	1415	300	73	02, 10-22	
	Dec. 7	18	210	41	1755	210	54	16-19	Mar. 27	21	320	45	0005	270	68	01-03, 14-16, 18-22	
	Dec. 16	24	220	43	2310	210	61	22-24	Apr. 27	07	180	44	0700	190	64	01-14, 17	
Duirinish	Dec. 17	22	230	45	2145	230	62	01-12, 14-24	Eskdalemuir West Freugh	May 22	24	310	50	2345	310	75	20, 23, 24
	Dec. 18	01	270	42	0255	270	64	01-06, 09-13		May 23	03	330	66	0500	320	86	01-15
	Dec. 23	10	280	47	0920	280	73	06-16		June 27	18	320	47	1545	330	65	13-24
	Nov. 16	04	330	44	0155	330	70	01-14, 16		Sept. 6	11	280	45	0210	250	61	01-04, 07-20
	Dec. 2	03	350	42	0135	350	65	02-05		Nov. 15	23	320	58	2155	320	85	11-24
	Nov. 15	19	300	49	1920	310	71	07, 09, 12-24		Nov. 16	02	340	56	0110	340	80	01-15, 22-24
	Nov. 16	01	330	45	0605	320	70	01-16		Nov. 30	16	310	54	1525	310	72	01-03, 05, 11-22
	Nov. 30	11	330	43	0930	320	58	01, 02, 06-16		Dec. 18	04	320	48	0030	270	69	01-15
	Dec. 1	24	010	50	2350	010	74	08, 09, 15-24		Dec. 23	13	340	45	1520	350	65	01, 05-19
	Dec. 2	01	360	51	0055	360	77	01-16		Nov. 30	18	290	42	1735	290	65	13-19
1 Kinloss	Dec. 9	03	290	41	0115	290	67	01-10	6b Ronaldsway	Nov. 15	24	320	41	2340	320	67	22-24
	Dec. 23	09	280	44	0715	270	69	01-03, 05-13		Dec. 2	06	340	49	0305	340	78	02-17
	Mar. 23	15	270	41	1410	270	62	14, 15		Jan. 10	23	110	45	2220	110	60	01-24
	Sept. 6	12	250	43	1145	250	63	10-17		Jan. 11	04	100	45	0245	100	56	01-13
	Nov. 30	15	310	42	1235	300	68	05, 07, 09-16		Feb. 23	10	240	41	0945	240	59	09-13
	Mar. 23	15	260	41	2140	290	53	12-15, 17, 18, 21, 22		Feb. 26	03	210	41	1310	210	74	01-09

TABLE XI (cont.) - OCCASIONS OF 'STRONG GALES' IN 1966
 Occasions on which the Maximum Hourly Mean Wind was 41 Knots or more

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	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				Hour ended at	Direction	Speed	Time	Direction	Speed	
Ronaldsway (cont.)	Mar. 27	08	240	47	0715	250	76	01,02,04-11,17-20	Aberporth (cont.)	Nov. 15	21	290	41	2030	290	63	18-24
	May 22	22	280	41	1600	250	61	15-18,21-24		Nov. 16	06	310	44	1440	330	65	01-24
	May 23	03	280	41	0355	270	61	01-05		Dec. 1	18	250	41	1945	240	64	10,11,13-24
	Dec. 1	16	220	44	1530	220	65	07-09,13-18		Dec. 2	03	300	53	0200	300	75	01-15,17
Point of Ayre	Dec. 2	06	320	52	0420	310	85	03-17,19	Milford Haven C.B.	Dec. 12	15	290	41	1445	290	55	13-20
	Nov. 16	04	320	44	0045	300	65	01-15,18		Dec. 1	20	250	45	2000	270	72	06-10,13-16,18-21
3 Cardington	Dec. 2	06	330	50	0450	330	77	03-13,15-19	Brawdy	Mar. 27	13	280	42	1250	280	65	07-18
	Mar. 27	14	250	44	1400	260	66	04-08,10-17,21		Nov. 16	04	310	42	0105	350	69	01-24
Shoeburyness	Dec. 1	15	200	45	1355	200	59	12-16,24	Port Talbot	Dec. 1	20	260	44	1640	270	55	08-21,24
	Dec. 2	03	210	41	0235	210	69	01-03,10,11		Dec. 2	02	310	52	0140	310	78	01-17
5 Dover	Dec. 1	15	190	48	1255	210	69	01,02,09-17,20,22-24	Rhoose	Mar. 27	12	280	41	1100	280	60	05,06,08-18
	Dec. 2	04	220	50	0110	240	77	01-09		Dec. 2	03	310	42	0300	310	69	02-11
Boscombe Down	Mar. 27	15	280	44	1415	280	66	08,10-19	8b Portland Bill	Mar. 27	14	270	41	0610	280	66	05-07,09-16
	Jan. 1	24	240	53	2350	240	65	18-24		Dec. 2	04	300	41	0330	300	64	02-07,09,10
7a Great Dun Fell	Jan. 2	01	240	46	0005	240	62	01-04	8b Portland Bill	Jan. 1	02	220	52	0145	230	67	01-24
	Jan. 10	21	090	42	2045	090	51	18-24		Jan. 2	08	280	64	0730	280	89	01-24
	Jan. 11	08	080	43	0900	080	52	01-11,13,14,16,17		Jan. 10	16	100	49	1540	100	59	07-24
	Jan. 12	17	070	42	1625	070	50	09,10,13-19		Jan. 11	04	080	50	0420	070	58	01-14,16-19
	Jan. 29	20	220	41	1910	210	67	11,12,19-24		Jan. 19	18	090	51	1725	090	61	05-24
	Jan. 30	05	220	59	0415	210	76	01-17		Jan. 20	01	090	47	0105	090	57	01-12
	Feb. 25	24	210	51	2340	210	67	10-24		Feb. 5	15	230	45	1415	230	55	06,08-21
	Feb. 26	01	210	49	0725	210	69	01-08,10-20,22		Feb. 8	19	250	41	1810	250	50	03,04,06-08,18-21,23,24
	Feb. 27	13	220	51	1115	220	62	02-23		Feb. 22	09	230	43	0520	170	56	05-14,16-18,20-24
	Mar. 2	04	220	48	0330	220	60	02-10		Feb. 25	11	180	46	1225	200	63	01-15,20-22
	Mar. 7	16	210	47	1615	210	59	03-23		Feb. 26	13	210	45	1210	220	61	04-08,10-19,21,22
	Mar. 10	12	250	42	2105	250	60	08-24		Mar. 11	21	290	42	2025	290	60	21-24
	Mar. 11	01	250	42	0040	250	54	01-06		Mar. 24	22	300	43	1820	320	59	02,05-24
	Mar. 23	11	250	44	1050	260	66	06,08-13		Mar. 27	08	260	51	0735	270	70	01-24
	Apr. 27	15	210	50	1435	210	62	04,06-17		Apr. 13	24	070	44	2335	070	52	19-24
	May 22	17	210	47	1830	250	64	01,02,05,12-24		Apr. 14	09	080	53	0920	080	63	01-23
	May 23	04	250	58	0345	250	78	01-15		May 19	15	200	42	1410	200	53	13-17
	June 4	15	220	47	1355	220	59	08-19,23,24		May 22	17	250	41	1310	240	51	12-14,16-24
	June 27	20	270	42	1950	270	64	14-22		June 27	04	230	41	1105	240	47	02-09,11-17
	Aug. 9	23	220	43	2225	220	56	22-24		Aug. 3	11	220	44	1015	220	54	02-15
	Aug. 14	02	030	43	0125	030	56	01,02		Aug. 9	21	190	41	2010	190	52	14,15,17-24
	Sept. 3	23	220	47	2245	220	58	21-24		Sept. 2	08	230	42	0320	220	59	01-16
	Sept. 4	02	220	50	0830	210	64	01-09,15-18,23		Sept. 4	11	200	49	1050	200	63	06-14
	Sept. 5	24	240	48	2355	240	60	10-12,16-24		Sept. 14	23	230	44	2255	240	57	15-24
	Sept. 6	07	250	57	0555	250	75	01-20		Sept. 15	03	230	45	0325	260	61	01-07,09
	Sept. 14	11	220	45	1010	230	57	08-16		Oct. 17	24	160	52	2345	180	70	19-24
	Nov. 1	20	050	51	2200	040	65	16-24		Oct. 18	04	180	42	1725	180	69	01-19,24
	Nov. 6	06	040	47	0525	040	58	01-13		Oct. 19	04	240	46	0825	230	57	01,03-18
	Nov. 17	24	030	46	2255	030	56	10-14,22-24		Oct. 22	22	230	47	2210	280	61	19-22
	Nov. 18	01	030	45	0025	030	56	01-03,07-10,13,15		Nov. 2	04	060	46	0350	060	57	01-06
	Nov. 29	22	230	48	2125	230	66	21-24		Nov. 4	17	170	45	1830	170	57	14-20
	Dec. 1	17	200	43	1610	200	60	09-11,15-19		Nov. 15	14	270	46	1705	310	74	10-24
	Dec. 17	20	240	56	2000	240	74	04-24		Nov. 16	07	310	52	1340	330	72	01-24
	Dec. 18	13	260	49	1235	260	67	02-16,18,20,21		Nov. 17	01	330	41	0120	330	55	01-03,06-08
	Dec. 23	08	260	46	0310	260	66	01-10		Nov. 30	06	260	50	0530	260	62	01-17,20-24
	Dec. 29	02	210	41	0115	210	51	01-04		Dec. 1	13	250	58	1335	290	76	01,03,07-24
Moor House	Mar. 23	12	280	42	1135	280	66	09-14		Dec. 2	05	300	58	0015	260	81	01-24
	May 23	09	290	46	0825	290	70	01-12,14		Dec. 9	22	270	48	2145	260	59	03,07,08,10,16,18-24
	Sept. 6	06	250	50	0500	250	67	01-18		Dec. 10	06	270	48	0540	270	56	01-18
	Dec. 17	21	250	42	2030	250	60	9,21-23		Dec. 12	21	290	52	1940	290	67	11-24
Squires Gate	Dec. 23	08	260	45	0740	260	63	2-15		Dec. 13	01	300	46	0010	300	60	01-10
	Feb. 23	13	250	44	1315	250	65	10-15		Dec. 18	05	260	45	0500	270	57	01-13
	Mar. 27	10	260	47	1010	270	68	01-03,06-12,20		Dec. 24	11	270	43	0910	270	51	05-16
	May 22	18	260	47	1740	260	62	14-24		Dec. 29	20	270	46	1755	280	57	02-10,13-24
	Sept. 15	07	290	42	0640	290	61	05-09		Dec. 31	10	260	45	0915	260	53	01,03-12
	Nov. 16	02	300	41	0220	310	68	01-16		Jan. 2	04	250	41	0320	250	68	02-07
	Dec. 1	19	230	52	1845	230	76	15-21	Mount Batten	Feb. 25	07	190	41	0830</			

TABLE XII - DATES OF GUSTS OF 'WHOLE GALE' FORCE

Dates on which gusts of 48 knots or more occurred in 1966.

For an anemograph 33ft. above ground in the open the limit corresponds with that of Force 10 (whole gale) on the Beaufort Scale.
Up to 1916 fuller details were given in this table. 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 Lerwick	Jan. 1, 5, 9, 28, 30. Feb. 25. Mar. 7, 10, 19-24, 26, 27, 29, 31. Apr. 1, 22, 29. May 22, 23. Sept. 5-7, 16, 19. Oct. 26, 27. Nov. 1, 5, 6, 27, 28, 30. Dec. 1, 2, 6-8, 15, 17, 18, 22-24.	4 Cont. -	
Kirkwall	Mar. 7, 10, 17, 20, 21, 23-25, 27-29, 31. Apr. 1. May 23. Sept. 4, 6. Oct. 6, 26, 27, 31. Nov. 1, 14-16, 27, 29, 30. Dec. 1, 2, 6, 8, 9, 15, 17, 18, 22-24.	Keele	Feb. 5, 27. Mar. 27. May 22. Nov. 15, 16, 30. Dec. 1, 2, 18.
Dounreay	Jan. 5, 8-10, 28. Feb. 2. Mar. 7, 10, 11, 17, 21-25, 27-31. Apr. 1, 22, 27, 29. May 23. Sept. 6. Nov. 14, 16, 17, 30. Dec. 2, 9, 17, 18, 22, 23.	Pershore	Jan. 1. Feb. 26. Mar. 27. Nov. 15, 30. Dec. 1, 2, 9.
Shin	Jan. 5, Mar. 10, 11, 21, 23. May 23. Sept. 6. Nov. 16, 30. Dec. 9, 17, 18, 22, 23.	5 London W/Centre	Feb. 26. Mar. 27. May 22. Dec. 2.
Stornoway	Jan. 5. Feb. 25, 26. Mar. 2, 7, 10, 11, 22, 23. Apr. 29. May 13, 22. Sept. 4-6, 14. Oct. 26. Nov. 15, 16, 30. Dec. 1, 2, 5, 7-10, 15-18, 22, 23, 25-27.	Heathrow	Mar. 24, 27. Nov. 16. Dec. 2.
Duirinish	Jan. 5, 29. Feb. 25-27. Mar. 2, 7, 10, 23, 24, 27. Apr. 29. May 22, 23. Sept. 14. Nov. 14-16. 27-30. Dec. 1, 2, 9, 17.	Hampton	Jan. 1. Mar. 27. July 29. Nov. 15, 16. Dec. 1, 2.
Benbecula	Jan. 4, 5, Feb. 25. Mar. 10, 23, 27. May 22, 23. June 27. Sept. 5, 6. Oct. 31. Nov. 14-16. 27-30. Dec. 1-3, 6, 8, 9, 14-18, 22, 23, 26.	Kew	Mar. 27. Nov. 15, 16. Dec. 1, 2.
Fort Augustus	Feb. 2, 25. Sept. 6.	Gatwick	Feb. 26. Mar. 27. Nov. 16. Dec. 2.
1 Kinloss	Feb. 2. Mar. 10, 23. Apr. 27. May 23. Sept. 5, 6. Nov. 16, 30. Dec. 1, 2, 9, 18, 23.	Isle of Grain	Jan. 2. Mar. 27. Nov. 30. Dec. 1, 2.
Lossiemouth	Jan. 30. Feb. 2. Mar. 10, 21, 23-25, 27, 29. Apr. 27. May 23. Sept. 5, 6. Oct. 31. Nov. 1, 15-17, 28-30. Dec. 1, 2, 8, 9, 18, 23.	Dover	Jan. 2. Mar. 27. May 22. Aug. 1, 3. Sept. 2, 4. Oct. 19, 22, 23. Nov. 5, 15-17, 29, 30. Dec. 1, 2.
Dyce	Mar. 23. May 23. Sept. 6. Nov. 16, 30. Dec. 23.	Thorney Island	Jan. 2. Mar. 11, 27. Oct. 18. Nov. 15, 30. Dec. 1, 2.
Bell Rock	Jan. 30. Feb. 2. Mar. 10, 23, 26, 27. May 23. Sept. 6. Oct. 5, 6, 26, 27. Nov. 1, 15-17, 27, 30. Dec. 1, 2, 8, 17, 18, 23.	Abingdon	Jan. 1. Mar. 27. Dec. 1, 2.
Rannoch	Jan. 30. Feb. 25, 26. Mar. 10. Apr. 27. May 23. Sept. 5, 6. Nov. 15-17, 27, 30. Dec. 9, 10, 23. May 23. Sept. 6. Dec. 23.	Hurn	Jan. 2. Mar. 27. Dec. 1, 2.
Tunnel Bridge	Jan. 28, 30. Mar. 10, 23, 26. Apr. 27, 29. May 23. Sept. 6. Nov. 16, 30. Dec. 17.	Calshot	Feb. 26. Mar. 27. Oct. 16. Dec. 1, 2.
Leuchars	Jan. 1. Feb. 26, 27. Mar. 10, 23, 26. Apr. 27. May 23. June 27. Aug. 10. Sept. 6. Nov. 15, 30. Dec. 8, 17, 18, 23.	S. Farnborough	Mar. 27. Nov. 15. Dec. 1, 2.
Turnhouse	Jan. 1, 2, 5, 6, 28, 30. Feb. 23, 25-27. Mar. 1, 2, 10, 23, 26. Apr. 27, 29. May 13, 23. June 27. Aug. 10. Sept. 6. Nov. 15, 30. Dec. 1, 2, 5, 10-12, 28-30. Feb. 2, 4, 5, 25-28. Mar. 2, 3, 7, 10, 11, 17, 23. Apr. 22, 27, 29. May 22, 23. June 4, 27. Aug. 10. Sept. 3-6, 14, 15. Nov. 15, 16, 27, 29, 30. Dec. 1, 2, 12, 24.	Porton	Feb. 25, 26. Mar. 27. Dec. 1, 2.
Edinburgh (B.H.)	Jan. 1, 2, 5, 10, 11, 25, 29, 30. Feb. 2, 4, 9, 25-27. Mar. 10-12, 23, 24, 26-28. Apr. 5, 10, 27. May 4, 10, 13, 22, 23. June 27. Aug. 10. Sept. 5, 6, 15. Oct. 26, 31. Nov. 1, 14-17, 27-30. Dec. 1-3, 6, 8-11, 14, 15, 17, 18, 22-24, 26, 31.	7a Sellafeld	Mar. 27. May 22. Sept. 15. Nov. 15, 16, 30. Dec. 1, 2, 8.
6a Tiree	Jan. 1, 2, 10, 30. Feb. 8, 19. Mar. 10, 23. Apr. 6, 9. Anemograph out of order, May-December.	Carlisle	Jan. 30. Feb. 27. Nov. 30. Dec. 17, 18.
Millport	Jan. 1, 30. Feb. 27. Mar. 10, 23. June 27. Aug. 10. Sept. 5, 6. Nov. 15, 30. Dec. 8, 23.	Spadeadam	Jan. 30. Feb. 26, 27. Mar. 26, 27. May 23. June 27. Aug. 10, 13, 14. Sept. 6. Oct. 27. Nov. 15, 29, 30. Dec. 2, 8, 17, 18.
Cumbernauld	Jan. 1, 10, 30. Mar. 10, 23. May 23. June 27. Sept. 5. Nov. 15, 16, 29, 30. Dec. 2, 9, 18, 23.	Great Dun Fell	Jan. 1, 2, 5, 10-12, 28-30. Feb. 2, 4, 5, 25-28. Mar. 2, 3, 7, 10, 11, 17, 23. Apr. 22, 27, 29. May 22, 23. June 4, 27. July 19. Aug. 9-11, 13, 14. Sept. 3-6, 12, 14, 15. Oct. 6, 27. Nov. 1, 6, 15-18, 27, 29, 30. Dec. 1, 7, 8, 17-19, 23, 29.
Paisley	Jan. 30. Mar. 23. May 22, 23. Aug. 10. Sept. 5, 6. Nov. 15-17, 30. Dec. 2, 8, 9, 18, 23.	Moor House	Jan. 5, 10, 11, 30. Feb. 25-28. Mar. 2, 6, 7, 10, 11, 23, 27. Apr. 26, 27, 29. May 22, 23. June 4, 27. Aug. 10. Sept. 3-6, 14, 15. Nov. 15, 16, 27, 29, 30. Dec. 1, 5, 8, 9, 17, 18, 23.
Abbotsinch †	Jan. 1, 2, 5, 10, 11, 28-30. Feb. 2, 4, 8, 25-28. Mar. 7, 10, 17, 21-23, 26, 27, 30. Apr. 14, 22, 26, 27. May 13, 19, 22, 23. June 27. Aug. 10, 13. Sept. 4-6, 14, 15. Oct. 18. Nov. 1, 5, 6, 15, 16, 28-30. Dec. 1, 8, 17-19, 22, 23.	Squires Gate	Jan. 10. Feb. 23. Mar. 11, 26, 27. May 22, 23. Aug. 13. Sept. 14, 15. Nov. 15, 16, 29, 30. Dec. 1, 2, 8, 9, 17, 18.
Lowther Hill	Feb. 8. Mar. 10, 23, 26, 27. Sept. 5, 6. Nov. 15, 16, 29, 30. Dec. 2, 8, 18, 23.	Southport	Jan. 1. Feb. 23. Mar. 11, 27. May 22, 23. Aug. 13, 14. Sept. 14, 15. Nov. 15, 16, 29, 30. Dec. 1, 2, 8, 24.
Hunterston	Jan. 1, 5, 10. Feb. 25. Mar. 11, 23, 26, 27. Apr. 27. May 22, 23. June 27. Aug. 10. Nov. 15, 16, 30. Dec. 2, 8, 9, 23.	Fleetwood	Jan. 29. Feb. 23. Mar. 11, 23, 27. May 22, 23. Sept. 15. Nov. 15, 16, 29, 30. Dec. 1, 2, 8, 9, 24.
Prestwick	May 23. Anemograph out of order, August-September. Nov. 15, 16.	Speke	Feb. 23-25, 27. Mar. 11, 23, 24, 27, 28. May 22, 23. Sept. 14, 15. Nov. 15, 16, 30. Dec. 1-3, 8, 17, 18.
Chapelcross	Jan. 30. Mar. 23. May 23. June 27. Sept. 5, 6. Nov. 15, 16, 30. Dec. 1, 2, 9, 10, 17, 18, 23.	Manchester W/Centre	Jan. 10. Feb. 23, 24, 27. Mar. 11, 23, 27. May 22, 23. Sept. 6, 14. Nov. 15, 16, 30. Dec. 1, 2, 8, 18, 23.
Esksdalemuir	Jan. 1. Feb. 26. Mar. 11, 23, 24, 27. May 22, 23. June 27. Sept. 15. Nov. 1, 15-17, 28-30. Dec. 2, 8, 9, 23.	Bidston	Jan. 1, 10. Feb. 5, 22, 23, 26, 27. Mar. 10, 11, 23, 24, 27. May 22, 23. Aug. 13. Sept. 4, 13, 15. Nov. 15, 16, 28, 30. Dec. 1, 2, 8, 9, 18-20, 23, 24, 29.
West Freugh	Jan. 10. Feb. 25. Mar. 11, 27. May 22, 23. Sept. 14, 15. Oct. 3. Nov. 15, 16, 30.	Ringway	Feb. 26. Mar. 27. Nov. 16. Dec. 1, 2.
6b Ronaldsday	Jan. 1, 10, 11, 25, 30. Feb. 23, 25, 26. Mar. 11, 12, 26, 27. Apr. 4, 5, 14-16. May 9, 22, 23. Sept. 15. Oct. 18. Nov. 4, 15-17, 29, 30. Dec. 1, 2.	7b Valley	Jan. 1, 30. Feb. 2, 5, 26. Mar. 26, 27. Apr. 27. May 11, 22. Sept. 4. Nov. 15-17, 29, 30. Dec. 1, 2, 8, 9, 29.
Point of Ayre	Jan. 10. Feb. 25. Mar. 11, 27. May 22, 23. Sept. 14, 15. Oct. 3. Nov. 15, 16, 30.	8a Aberporth	Jan. 1, 2, 4, 5, 10, 25, 28. Feb. 2, 4, 5, 8, 22, 24-27. Mar. 11, 24, 25, 27. Apr. 4, 15. May 22. Nov. 15-17, 30. Dec. 1-3, 9, 10, 12, 18, 19, 29.
2 Durham	Feb. 26, 27. Mar. 10, 23. May 22, 23. June 27. Aug. 10. Nov. 1, 15, 16, 30. Dec. 8, 18, 23.	Milford Haven C.B.	Jan. 1, 10. Feb. 26. Mar. 27. Apr. 13, 14. July 31. Sept. 4. Oct. 17, 18. Nov. 15-17, 29, 30. Dec. 1, 2, 12, 29, 31.
South Shields	Mar. 10, 23. May 23. June 27. Aug. 14. Nov. 30. Dec. 18.	Brawdy	Jan. 1, 2, 10, 19, 25. Feb. 15, 25-27. Mar. 11, 24, 27. Apr. 4, 5, 14, 20. July 31. Sept. 4. Oct. 18, 27. Nov. 1, 15-17, 29, 30. Dec. 1, 2, 9, 10, 12, 13, 29.
Cranwell	Feb. 26. Mar. 27. May 22. Dec. 1.	Port Talbot	Jan. 10. Mar. 11, 24, 27. Apr. 13, 14. Nov. 15-17. Dec. 1, 2, 12.
Manby	Mar. 27.	Rhoose	Jan. 2. Feb. 22. Mar. 24, 27. May 22. Nov. 15, 16. Dec. 1, 2, 9, 12, 20.
3 Gorleston	Defective record, August - September. Nil.	8b Portland Bill	Jan. 1, 2, 10, 11, 19, 20. Feb. 4, 5, 8, 21, 22, 25, 26. Mar. 11, 12, 23-25, 27, 28. Apr. 13, 14. May 4-6, 8, 19, 22. July 31. Aug. 2, 3, 9. Sept. 2, 4, 13-15. Oct. 17-19, 22. Nov. 2, 4, 6, 15-17, 29, 30. Dec. 1-3, 8-10, 12, 13, 18, 20, 24, 29, 31.
Mildenhall	Jan. 1. Feb. 26. Mar. 27. May 5. Nov. 16, 30. Dec. 1, 2.	Mount Batten	Jan. 1, 2. Feb. 25, 26. Mar. 24, 27. May 5. Oct. 18. Nov. 16, 17. Dec. 1, 2, 12.
Bedford	Feb. 26. Mar. 27. Nov. 15, 16, 30. Dec. 1, 2, 29.	Scilly	Jan. 1, 2, 19, 26. Feb. 10, 19, 22, 25, 26. Mar. 24, 27. Apr. 13, 14. May 22. Sept. 4. Oct. 17-19, 27. Nov. 2, 15-17. Dec. 1, 2, 10, 12, 13, 29.
Cardington	Feb. 22. Mar. 23, 24, 27. May 5, 22. Nov. 15, 16, 30. Dec. 1, 2, 18.	Lizard	Jan. 1, 2, 19, 20, 26. Feb. 4, 5, 19, 22-26. Mar. 24, 26, 27. Apr. 13, 14. May 5. Sept. 4. Oct. 17-19. Nov. 15-17, 30. Dec. 1, 2, 9, 10, 12, 13, 24, 29.
Garston	Mar. 27. May 22. Dec. 2.	9 Ballykelly	Jan. 1, 5, 25. Feb. 25. Mar. 10, 11, 23, 24, 26-28. Apr. 26, 27. May 22. Aug. 9, 10. Sept. 6, 15. Nov. 15, 16, 28-30. Dec. 1, 2, 8, 9, 17, 18, 23.
Rothamsted	Mar. 27. Dec. 2.	Aldergrove	Mar. 27. May 22. Nov. 15, 16. Dec. 1, 2, 8.
Stansted	Mar. 24, 27. May 22. Dec. 1, 2.	Kilkeel	Jan. 10, 25. Feb. 23. Mar. 27. May 22. Oct. 3. Nov. 5, 15, 16. Dec. 1, 2.
Coryton	Mar. 27, 28. May 22. Nov. 16, 17, 30. Dec. 2.	Carrigans	Jan. 1, 10, 11, 25. Feb. 25. Mar. 11, 26, 27. May 22. Nov. 15, 16, 30. Dec. 1, 2, 8, 9, 18.
Shoeburyness	Jan. 2. Feb. 22, 26. Mar. 27. May 5, 22. July 30. Nov. 15-17, 30. Dec. 1, 2, 8, 29.	Castle Archdale F.	Jan. 30. Feb. 23, 25. Mar. 10, 26, 27. May 22. Nov. 15, 16, 29, 30. Dec. 1, 2, 8, 17.
4 Sheffield	Feb. 23. May 22, 23. June 27. Nov. 15-17, 30. Dec. 23.	Guernsey	Jan. 1, 2. Mar. 11, 25, 27. Oct. 17. Nov. 16, 17. Dec. 1, 2, 9, 10, 12, 13.
Edgbaston	Jan. 2. Mar. 24, 27. Nov. 16, 30. Dec. 2.	Jersey	Jan. 1, 2. Feb. 24, 26. Mar. 24-28. Oct. 17, 18. Nov. 15-17. Dec. 1, 2, 8-10, 12, 13, 29.
Eimdon	Jan. 2. Mar. 24, 27, 28. May 5, 22, 23. Sept. 15. Nov. 15, 16, 30. Dec. 1, 2.		
Amersham	Defective record, March. Nov. 16, 30. Dec. 1, 2, 10, 18.		

† Data for Renfrew published here until May, 1966.

TABLE XIII - SOLAR RADIATION AND ILLUMINATION FOR THE YEAR 1966

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	756	11 June	0	27 Dec	218.9	365	396	16 June	0	27 Dec	135.1	365	887	11 June	0	27 Dec	252.1	365
Esksdalemuir	884	28 May	4	26 Dec	218.9	365	393	1 July	4	26 Dec	133.2	365	1148	28 May	5	15 Dec	268.1	365
Cambridge	839	29 May	17	15 Dec	258.8	365	415	6 June	17	15 Dec	153.8	365	-	-	-	-	-	-
London (High Holborn)	842	29 May	6	20 Jan	232.9	365	335	6 June	6	20 Jan	136.0	365	934	30 May	6	20 Jan	267.2	365
Kew	859	29 May	11	20 Jan	244.6	365	367	29 May	11	20 Jan	144.3	365	973	30 May	12	20 Jan	284.7	365
Bracknell	822	30 May	15	20 Jan	253.6	361	372	6 June	15	20 Jan	149.8	361	899	30 May	17	22 Jan	284.2	361
(Easthampstead)																		
Aberporth	892	29 June	11	9 Dec	289.2	365	424	7 July	13	9 Dec	159.7	365	-	-	-	-	-	-

TABLE XIII - SOLAR RADIATION AND ILLUMINATION - ADDITIONS AND CORRECTIONS

STATION Year and Month		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																			
1965	Jan.		25																
	Mar.													454		31		217·8	
	Apr.													651		41		367·9	
	May													783		71		372·0	
	June						402							928		99		476·8	
	July													908		220		542·3	
	Aug.													732		70		368·5	
	Sept.													497		37		243·7	
	Nov.													88		14		48·1	
	Dec.													48				21·0	
	Year													928				242·2	
Kew																			
	June	788	28																
	Year	788	28 June																
Eskdalemuir																			
	Jan.													170	31	8	10	65·0	31
	Feb.													272	26	44	5	116·3	28
	Mar.													576	31	47	7	239·5	31
1966	Jan.													90	19	7	5	38·5	31
	Feb.													216	17	19	4	88·8	28
	Mar.													562	28	45	7	249·1	31
	Apr.													768	30	49	8	327·1	30
	May													1148	28	140	11	594·9	31
Aberporth																			
	Sept.	578	6	126	18	370·2	30	269	5	99	25	175·7	30	-	-	-	-	-	-

TABLE I - ADDITIONS AND CORRECTIONS

1965	December	District 3. % Sunshine 115
		England and Wales % Sunshine 130
1966	June	Data under columns headed "Rain Days" and "Rainfall" should be reversed.

TABLE III - ADDITIONS AND CORRECTIONS

[illegible]

TABLE III - ADDITIONS AND CORRECTIONS (continued)

YEAR	MONTH	STATION	Max. Terminal hr. GMT Min. 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		Mean Temperatures (Mean of A & B)	Difference from Average °	Highest Max. and Lowest Min.						Total fall (inches)	Per cent of Average °	Most in a day		Preciph		Snow or Sleet	Snow lying at 9 hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost+	Grass min below 0°C	Gale	Daily Mean (hr)	Per cent of Average °	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
					A Max.	B Min.			Maximum	Date	Minimum	Date	Amount (inches)	Date			·01in (0.2mm) or more	·04in (1.0mm) or more																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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TABLE III CORRECTIONS - continued

YEAR	STATION	WEATHER Number of days with Air Frost +						YEAR	STATION	WEATHER Number of days with Air Frost +					
		Jan.	Feb.	Mar.	Apr.	Nov.	Dec.			Jan.	Feb.	Mar.	Apr.	Nov.	Dec.
1966	Ballykelly		1	3			1	1966	Kilkeel	3		3			2
	Aldergrove		4			7	2		Killough					1	2
	Moneydig	14	2	3	6	11	2		Glenanne			2	4		4
	Black Mountain	16	13						Carrigans	9	4		6	8	

District 0. 1966 Feb. Lowest minimum was at Glenmore Lodge -14.5°C on the 5th (not Cannich -14.4°C on the 15th and 16th)

TABLE IV - ADDITIONS AND CORRECTIONS

YEAR	MONTH	STATION	Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Yards and Miles)								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	0-44 yds.	45-210 yds.	220-430 yds.	440-1,000 yds.	1,100-2,190 yds.	2,200-4,390 yds.	3-6 mi.	7-12 mi.	13-24 mi.	25 or over mi.	Beaufort Force					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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TABLE VIII - CORRECTIONS

STATION	MAXIMUM 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
Lerwick							
1966 June					5		
Craibstone							
Aug.	0	0	0	17	12	2	0
Abbotsinch							
Aug.	0	0	0	3	27	1	0

TABLE IX - CORRECTIONS

Annual Summary 1965. Page 214. Isle of Grain. Under column Highest Gust, Speed, insert bracket (between 151

INTRODUCTION 1966 - CORRECTIONS

Hamnavoe - Authority Mr. H.S. Barclay
Southampton - Authority Met. Office

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