

METEOROLOGICAL OFFICE

THE  
MONTHLY  
WEATHER REPORT  
1962

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# THE MONTHLY WEATHER REPORT, 1962

## CONTENTS

INTRODUCTION AND NOTES ON THE TABLES .. .. .	iii-iv
CORRECTIONS TO MONTHLY WEATHER REPORTS .. .. .	vi-vii
CORRECTIONS TO ANNUAL SUMMARIES OF MONTHLY WEATHER REPORT .. .. .	viii
CHANGES IN STATION NAMES IN MONTHLY WEATHER REPORT 1963 .. .. .	viii
CHANGES IN THE LIST OF STATIONS, 1962 .. .. .	ix
MONTHLY WEATHER REPORTS, 1962 .. .. .	1-192
ANNUAL SUMMARY .. .. .	193-214



# INTRODUCTION

The *Monthly Weather Report* gives a résumé of observations from stations in the United Kingdom. Particulars of the methods adopted in taking the observations are given in the *Observer's Handbook*.

The isopleths on the maps of pressure in this volume have been extended over the Irish Republic from data kindly supplied by the Director of the Meteorological Service, Dublin.

## INFORMATION FOR PREVIOUS YEARS

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*. A brief history 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 to the *Monthly Weather Report* in 1956 is included in the Introduction to the 1955 volume.

## GENERAL ARRANGEMENT OF THE REPORT

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

a.—General remarks on the development of the weather over the British Isles under a brief heading descriptive of the special characteristics of the month.

b.—Table I.—Summaries by Districts, of air temperature, of earth temperature, of rainfall and of duration of bright sunshine, based on observations at the 'district value' stations.

c.—Table II.—Summary of autographic records of wind.

d.—A plate of four maps showing:

i. The monthly distribution of pressure, based on observations at selected stations at 9 h., together with the average distribution of pressure at 9 h. for the month over the period 1921–1950.

ii. The distribution of mean temperature at sea level over the land and in the coastal waters.

iii. The distribution of bright sunshine in hours per day.

iv. Anomalies of 1 foot earth temperatures.

e.—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.

f.—Table III, giving for individual stations, summaries of extreme and mean air temperature, of mean earth temperature at 1 foot and 4 feet, of rainfall and sunshine, and of weather observations. In the case of air temperature, rainfall and sunshine, differences from average or percentages of average are given when available.

g.—Table IV, giving 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.

Tables III and IV together include the items comprised in the international form of monthly climatological summary, the Form B of the Report of the International Meteorological Committee, 1874; and they give, in addition, information regarding the duration of bright sunshine, mean earth temperature at 1 foot and 4 feet (both from 1906), the number of observations of wind of force 4–5 and 6–7 on the Beaufort Scale (from 1937), of winds of force 1–3 (from 1923), the number of days of fog (from 1906), the number of observations of different degrees of visibility (from 1923), the number of days of air frost (from 1956), the number of days of ground frost (from 1908), and the pressure at mean sea level (from 1912).

h.—Table XIII.—Solar radiation and intensity of daylight at certain stations.

i.—Table VIII.—Monthly frequencies of maximum and minimum temperatures at 20 selected stations.

j.—Additions and corrections to Tables II, III and IV.

The Annual Summary of each volume of the *Monthly Weather Report* includes remarks, maps and tables as above for the year as a whole, and the following additional tables:

k.—Table V.—Highest and lowest maximum and minimum temperatures during the year at each station.

l.—Table VI.—Monthly frequencies of duration of bright sunshine at 20 selected stations.

m.—Table VII.—Frequency of rainfall between given limits during the year at 30 selected stations.

n.—Table IX.—The annual table corresponding to Table II in the monthly issues.

o.—Table X.—The number of hours during the year with gusts exceeding (a) 33 kt and (b) 47 kt at each anemograph station.

p.—Table XI.—Occasions of 'strong gales' during the year.

q.—Table XII.—Dates on which gusts of 48 kt or more occurred during the year.

## NOTES ON TABLES

### TABLE I. DISTRICT VALUES

The District Values of this table are computed from the statistics for selected individual stations set out in Table III.

¶§ The stations used for computing District Values of rainfall and temperature are shown in Table III by the sign ¶ and those used for computing District Values of sunshine by the sign §. A list of these stations and of the stations used in computing the District Values of earth temperature is given on page vi.



The differences from and percentages of average for air temperature, earth temperature, rainfall and sunshine are the means of the corresponding values for the selected stations. The highest and lowest air temperatures for the District may refer to any station in Table III.

TABLE II. SUMMARY OF AUTOGRAPHIC RECORDS OF WIND

About half the records used in the preparation of this table are made by pressure-tube anemographs, and at half the stations electrical cup recorders have been brought into use. The classification adopted for the 'Distribution of mean hourly values of wind speed' is based on the specification of 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 correspond to wind speeds (measured over an hour) equivalent to Force 8 and above (gales), Forces 6 and 7 (strong winds), Forces 4 and 5 (moderate breezes), Forces 2 and 3 (light breezes), Forces 1 and 0 (nearly calm). Some information as to the nature of 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.

The duration in each category is the number of 60-minute periods ended at exact hours G.M.T., in each of which the mean wind velocity was between the stated limits. The 'Highest Hourly Wind' similarly refers to the mean for a period of 60 minutes ended at an exact hour G.M.T. Under the heading 'Veer from N.' the direction from which the wind was blowing is stated, the entry for an east wind being 090°, that for a south wind 180°, and so on.

TABLE III. SUMMARY OF OBSERVATIONS AT TERMINAL HOURS

*Temperature.*—The terminal hours of observation are given for each station. When the terminal hours for maximum and minimum temperature are stated independently the temperatures refer to intervals of 24 hours. If the maximum thermometer is read at 9 h. the reading is credited to the previous day. When the terminal hours for maximum and minimum 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 reported and 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, so that the absolute maximum and minimum temperatures for the month are obtained.

The measurements of air temperature are made in louvered screens over short grass in the open, the bulbs of the thermometers being approximately 4 feet above ground. At *Kew Observatory*, the thermometers are 10 feet above ground in a louvered screen on the north wall.

Measurements of earth temperature are obtained from thermometers hung vertically in steel tubes sunk in the ground, the bulb of the thermometer being at the appropriate depth.

*Rainfall.*—The daily amounts are for the 24 hours beginning at 9 h. G.M.T. 'Rainfall' includes all forms of precipitation. The number of days of precipitation is counted with reference to the limit .01 inch or 0.2 mm., and also with reference to the limit .04 inch or 1 mm. The lower limit excludes 'Traces' of precipitation, very occasionally it is passed when the precipitation is only in the form of dew.

*Weather.*—The numbers of days of Precipitation, Snow or Sleet, Hail, Ice or Snow Pellets, etc., Thunder heard and Gale are counted irrespective of the hour at which the phenomena occur. Except for 'Precipitation' the day is the period midnight to midnight G.M.T.

For the purpose of this summary 'Hail', which includes Soft Hail, is defined as small balls or pieces of ice, with diameter from 5 mm. upwards, falling either separately or agglomerated into irregular lumps. 'Ice or Snow Pellets, etc.' include ice pellets and snow pellets up to 5 mm. in diameter and also ice grains and ice needles. 'Snow lying' refers to occasions when half or more of the ground representative of the station (see *Observer's Handbook*, 1956 ed., page 78) is covered with snow at 9 h. G.M.T. 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 at 9 h. G.M.T. Any variability of the observation hour may exercise an important effect upon the statistics of fog frequency. 'Gale' is a wind of Force 8 or upwards on the Beaufort scale. An 'air frost' is entered when the screen minimum temperature, read either at the terminal hour of 9 h. or 21 h., is 0°C. or less. From January 1, 1963, however, in order to bring the definition into line with the W.M.O. Specification for Climatological Atlases, 'air frost' will include only those occasions when the screen minimum temperature fell below 0.0°C.

*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% of the period when it is over 3° above the horizon.

TABLE IV. SUMMARY OF OBSERVATIONS AT FIXED HOURS

From January, 1945, the hours of observation were changed at certain stations from 0, 6, 12, 18 to 3, 9, 15, 21. From that date departures from the average pressure at 9 h. have been given.

*Mean Air Pressure* is expressed in millibars (1 millibar = 1,000 dynes per square centimetre = the pressure due to .0295300 inch of mercury at 0°C. and standard gravity 980.665 cm./sec.<sup>2</sup>). 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 given depend on the readings of the dry- and wet-bulb thermometers in louvered screens (see above). The observations are reduced by Hygrometric Tables, based on a formula of Regnault, issued by the Office and revised in 1961. At most stations the daily values of relative humidity and vapour pressure are found and the monthly means are computed therefrom. These stations are indicated by the letter 'H'. At the remaining stations the means of relative humidity and vapour pressure are derived from the monthly means of the dry-bulb and wet-bulb readings.

*Cloud Amount.*—The proportion of sky covered with cloud is estimated on the scale 0 to 8, the entry '0' being equivalent to clear sky, '8' to overcast. '9' refers to 'sky obscured or cloud amount cannot be estimated'.

*Visibility.*—The ranges, specified by international arrangement in metres, are given at the head of the table in yards and miles. Entries are underlined in the monthly tables and printed in italics in the Annual Summary, where there is no object within 10% of the correct distance defining the lower limit of the range.



*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.

#### TABLE XIII. SOLAR RADIATION AND INTENSITY OF DAYLIGHT

The instruments used for the radiation records are Moll-Gorczyński Solarimeters. M.O. pattern bimetallic actinographs may be used as standby instruments for recording total radiation. Illumination is measured by recording photometers of Kew Mk. II or Mk. III pattern.

If the records for any days are incomplete owing to instrumental or other faults the average daily value for complete days is taken, but if there are seven or more incomplete days during any month the record is not published. When it is possible that the maximum for the month occurred on an incomplete day then no value for the maximum is given.

From January 1, 1957, the radiation values are 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.

It has been decided to apply the non-linearity correction for the output of the cell in the daylight illuminometer directly to hourly values from January 1, 1963—previously monthly mean values of the non-linearity correction have been used. The errors in previous published values are small, maximum and minimum values being subject to systematic errors of up to 1% too low (in June) for the maximum and up to 3% too high in the case of the minimum (also in June).

#### 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 in 1933 was included in the Introduction for 1953. Throughout Ireland altitudes on maps and plans refer to a low water spring tide datum and such altitudes are reduced by 8 feet to relate them to a mean sea level surface similar to the Newlyn Datum as used in Great Britain.

#### 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 M.O. 635.

*Pressure (Table IV).*—The averages refer to 9 h. G.M.T. for period 1921–1950 and have been 'weighted' where necessary.

*Temperature and Sunshine (Table III).*—The averages refer to the period 1921–1950 and are given in the following publications:

- (1) Averages of Temperature for Great Britain and Northern Ireland, 1921–50 (M.O. 571).
- (2) Averages of Bright Sunshine for Great Britain and Northern Ireland, 1921–50 (M.O. 572).

*Earth Temperatures 1 foot and 4 feet.*—The averages cover the period 1921–50.

#### STANDARDS OF TIME

All time entries in the *Monthly Weather Report* are in Greenwich Mean Time. British Summer Time was in force from March 25 to October 28; during this period clocks were one hour in advance of Greenwich Mean Time. At all other times clocks referred to Greenwich Mean Time. Observations at all stations 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. Parts of a summary obtained in this way are shown in brackets thus—(11.3).

#### SEA TEMPERATURE

Mean temperatures of the seas round the British Isles for the months of the year 1962 are shown by figures within circles on the maps in the monthly issues of this Report. In general the values are derived from readings of ships under way, or from light vessels, certain of which send returns of sea temperature to the Meteorological Office.

#### ADDITIONAL RECORDS AVAILABLE FOR 1962

Some additional records for 1962 were received which are not summarised in the *Monthly Weather Report*. These include monthly climatological summaries for certain hours additional to those summarised in Table IV (usually 0 h., 6 h., 12 h. and 18 h. G.M.T.), and, for certain stations, hourly tabulations of wind force and direction, rainfall duration and amount and duration of sunshine. The records for Scottish stations are available at the Meteorological Office, Edinburgh; those for stations in England and Wales at the Meteorological Office, M.O.3, Bracknell, Berks., and those for stations in Northern Ireland at the Meteorological Office, Belfast.

#### LIST OF STATIONS

A complete list of the climatological stations in Tables III and IV and of the anemograph stations in Table II was published in 1958. Amendments to that list were published in 1959, 1960 and 1961, and further changes are given on page viii. The stations printed in italics send in monthly returns but the values do not appear in the Report.



In the tables of the *Monthly Weather Report* the stations are arranged according to Districts and Counties. In the list published in 1958 the alphabetical order is adopted, the latitude and longitude of each station being given. The National Grid References of stations are available if required.

Climatological returns are received from the following types of station:

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

Synoptic Stations.—The observations from these stations are primarily used in preparing synoptic charts for weather forecasting but climatological returns, in most cases for 0 h., 3 h., 6 h., 9 h., 12 h., 15 h., 18 h. and 21 h. G.M.T. and in certain cases for all hours, are also made. Synoptic stations are of two types:

a.—Manned by Meteorological Office personnel.

b.—Auxiliary Synoptic Stations manned by coastguards, lighthouse keepers or others whose occupations enable them to make meteorological observations at all hours.

Climatological Stations.—These stations contribute daily observations at 9 h. G.M.T., and at certain stations at 21 h. G.M.T. also, of temperature (wet- and dry-bulb), wind, amount of cloud and weather, with the daily maximum and minimum of temperature, the daily rainfall and remarks on the weather.

Observations of the range of visibility and records of sunshine are commonly made at these stations also.

Agricultural meteorological (Agro-met) Stations.—These are climatological stations participating in a scheme for the investigation of the relationship between weather and crops inaugurated by the Ministry of Agriculture, Fisheries and Food and the Department of Agriculture for Scotland in co-operation with the Meteorological Office.

Health Resort Stations.—These are climatological stations co-operating with the Meteorological Office under a Health Resort Scheme. They make additional observations at 6 p.m. Clock Time (and in some cases at 9 a.m. Clock Time in addition when that differs from 9 h. G.M.T.) which are reported to the Meteorological Office by telegram for communication to the newspaper press.

Anemograph Stations provide summaries which are published in Table II (Autographic Records of Wind) of the *Monthly Weather Report*.

#### DISTRICT VALUE STATIONS, 1962

The following are the stations, summaries from which are used for the computation of the district values of temperature, rainfall, earth temperature and sunshine given in Table I; except for rainfall in Northern Ireland which is based on the 11 stations published in *British Rainfall*.\*

TR, Temperature and Rainfall: E1, Earth Temperature at 1 foot: E4, Earth Temperature at 4 feet: S, Sunshine

Dist.	Station	Element	Dist.	Station	Element	Dist.	Station	Element
0	Fortrose .. ..	TR - - S	3	Cambridge ..	TR E1 E4 S	7	Bidston .. ..	TR - - S
	Lerwick .. ..	- - -		Gorleston ..	TR E1 E4 S		Nelson .. ..	- E1 E4 -
	Observatory ..	TR - - S		Rothamsted ..	TR E1 E4 S		Llandudno ..	TR - - S
	Onich .. ..	TR - - S		Shoeburyness ..	TR - - S		Manchester ..	- - -
	Stornoway ..	TR - - S		Sprowston ..	TR - - S		Airport .. ..	TR - - S
	Wick .. ..	TR - - S		Woburn .. ..	- E1 E4 -		Newton Rigg ..	TR - - S
							Stonyhurst ..	TR - - S
1	Craibstone ..	TR - - S	4	Birmingham ..	TR - - S		Wrexham .. ..	- E1 E4 -
	Dundee .. ..	TR - - S		Bradford .. ..	TR E1 E4 -	8	Bath .. ..	TR E1 E4 S
	Edinburgh ..	TR - - S		Buxton .. ..	- E1 E4 -		Cardiff .. ..	TR E1 E4 S
	Marchmont ..	TR - - S		Huddersfield ..	- - - S		Falmouth .. ..	TR - - S
	Nairn .. ..	TR - - S		Nottingham ..	TR - - S		Ilfracombe ..	- E1 E4 -
6	Dumfries .. ..	TR E1 E4 S		Oxford .. ..	TR E1 E4 S		Plymouth .. ..	- E1 E4 -
	Eskdalemuir ..	TR - - S		Raunds .. ..	- E1 E4 -		Llandrindod Wells	TR - - S
	Kilmarnock ..	- E1 E4 -		Ross-on-Wye ..	TR E1 E4 S		Swansea .. ..	- E1 E4 -
	Paisley .. ..	- E1 E4 -	5	East Malling ..	TR - - S		Teignmouth ..	TR - - S
	Renfrew .. ..	TR - - S		Hastings .. ..	TR E1 E4 S		NORTHERN	
	Rothsay .. ..	TR - - S		Kew Observatory	TR E1 E4 S		IRELAND	
	Stirling .. ..	- E1 E4 -		Margate .. ..	- E1 E4 -		Aldergrove ..	TR - - S
	Tiree .. ..	TR - - S		Porton .. ..	TR - - S		Armagh .. ..	TR - - S
2	Cockle Park ..	TR - - S		Southampton ..	TR - - S		Ballykelly ..	TR - - S
	Cranwell .. ..	TR - - S		Wisley .. ..	- E1 E4 -		Garvagh .. ..	TR - - S
	Durham .. ..	TR E1 E4 S					Hillsborough ..	- - - S
	Hull .. ..	- E1 E4 -						
	Scarborough ..	TR - - S						
	York .. ..	TR E1 E4 S						

#### EARTH TEMPERATURES, 1962

Owing to insufficient data having been received from Bolton in 1962 the earth temperature anomalies have been re-calculated for District 7 using Nelson and Wrexham. Amendments are given in the Table I corrections on page vii. In future Nelson will continue to replace Bolton for earth temperatures.

#### DISTRICT VALUE STATIONS, 1963

From January 1, 1963, Arbroath will replace Dundee for sunshine in District I.

\* Meteorological Office; British Rainfall, London.



# MONTHLY WEATHER REPORT, 1943, TABLE III

The absolute maximum temperature for Armagh should have been 82°F. It occurred on July 31 and constitutes the highest temperature for Northern Ireland in the year.

## MONTHLY WEATHER REPORT, 1961—CORRECTION TO TEXT

On page viii in the list of additions and alterations for 'Haslemere (Marley House)' read 'Haslemere (Marley Manor)'.

## MONTHLY WEATHER REPORT—TABLE I—CORRECTIONS

MONTH	DISTRICT	AIR TEMPERATURE					EARTH TEMPERATURE		RAINFALL		SUNSHINE
		Highest	Lowest	Difference from Average			At 1 ft. Difference from Average	At 4 ft. Difference from Average	Percentage of Average	No. of Days Difference from Average	Percentage of Average
				Max.	Min.	Mean					
1962		°C.	°C.	°C.	°C.	°C.	°C.	°C.	%		%
January ..	5. England, S.E.								126		
" ..	7. England, N.W. (and N. Wales)						-1.1	-0.9			
February ..	7. England, N.W. (and N. Wales)						+0.3	+0.4			
" ..	2. England, N.E.		-6.1								
" ..	4. Midland Counties			+0.5	+0.5	+0.4					
March ..	0. Scotland, N.		-15.4				-2.2	-0.7			
" ..	7. England, N.W. (and N. Wales)										
April ..	3. England, E.						-1.1	-1.1			91
" ..	7. England, N.W. (and N. Wales)						-0.5	-0.2			
May ..	7. England, N.W. (and N. Wales)						-1.2	-0.7			
June ..	7. England, N.W. (and N. Wales)										
July ..	9. N. Ireland						-1.5	-1.0			85
" ..	7. England, N.W. (and N. Wales)						-1.5	-0.9			
August ..	7. England, N.W. (and N. Wales)						-1.1	-0.5			
September	7. England, N.W. (and N. Wales)						+0.5	+0.3			
October ..	7. England, N.W. (and N. Wales)						-0.3	+0.5			
November	7. England, N.W. (and N. Wales)						-1.0	-0.3			
December	7. England, N.W. (and N. Wales)										

## MONTHLY WEATHER REPORTS, 1948-1961 AMENDMENTS TO DAYS OF GALE AT ALDERGROVE

	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
1948	—	—	—	—	—	—	—	—	—	—	—	1	1
1949	—	1	—	—	—	—	—	—	—	1	1	2	5
1950	—	—	—	1	—	—	—	—	1	—	—	—	2
1951	1	—	—	—	—	—	—	—	—	—	—	—	2
1952	2	—	—	—	—	—	—	—	—	—	1	1	4
1953	1	—	—	1	—	—	—	—	1	—	—	—	4
1954	2	—	—	—	1	—	—	—	2	—	—	3	8
1955	—	—	—	—	—	—	—	—	—	—	—	2	2
1956	1	1	—	—	—	—	—	—	1	—	—	1	5
1957	2	2	—	—	—	—	—	1	—	—	—	—	5
1958	2	—	—	—	—	—	—	—	—	—	—	2	4
1959	1	—	—	1	—	—	—	1	—	—	—	—	5
1960	—	—	—	1	—	1	—	—	—	1	1	1	4
1961	2	1	—	—	—	—	—	—	1	—	—	—	4

## MONTHLY WEATHER REPORT, 1961—CHANGE OF UNITS

From January, 1961, all temperatures and departures from average temperature are given in degrees Centigrade.



CORRECTIONS TO THE ANNUAL SUMMARIES OF THE MONTHLY WEATHER REPORTS, 1949 AND 1961

Table IX, 1949. Highest gust at Kingsway to read '61' knots.

Table IX, 1961. For Rannoch delete wind direction for highest hourly wind and substitute '—'.

Table XI, 1961. For Rannoch delete wind direction for September 16 and October 24 and substitute '—'.

MONTHLY WEATHER REPORT, 1963

In the 1963 report the following station names will be amended to bring them into line with the names used in *British Rainfall*.\*

FOR	READ	FOR	READ
<i>District 0</i>		<i>District 4—contd.</i>	
Kirkwall (Grimsetter)	Kirkwall	Birmingham	Edgbaston
Lairg (Achany)	Achany	Birmingham Airport	Elmdon
Garve (Blackbridge)	Blackbridge	Worcester (Redhill)	Worcester
Fort William (Camaghael)	Fort William	Pershere (Institute of Horticulture)	Pershere Institute of Horticulture
<i>District 1</i>		Bristol (Filton)	Filton
Banff (Coastguard)	Banff	Gloucester (Hempsted)	Hempsted
Dundee (Mylnefield)	Mylnefield		
Loch Rannoch (Dall)	Dall	<i>District 5</i>	
Loch Tay (Ardtalnaig)	Ardtalnaig	Westminster	St. James Pk.
Pitlochry (Faskally)	Faskally	Greenwich (Maritime Museum)	Greenwich
Dunfermline (Pitreavie)	Pitreavie	London (Gatwick Airport)	Gatwick
Edinburgh (Botanic Garden)	Edinburgh Royal Botanic Garden	Croydon (Waddon)	Waddon
Broughton	Stanhope Farm	Wingham (Elmstone)	Elmstone
Peebles (Glentress)	Glentress	Everton (Efford)	Everton
Selkirk (Bowhill)	Bowhill	Lacock (Lackham)	Lacock
Hawick (Wauchope)	Wauchope		
<i>District 6</i>		<i>District 7</i>	
Tarbert (Achaglachgach)	Achaglachgach	Liverpool Airport	Speke
Benmore (Forestry Sch.)	Benmore Forestry Sch.	Preston (Moor Pk.)	Preston
Benmore (Younger Bot. Gdn.)	Benmore Younger Bot. Gdn.	Manchester Weather Centre	Manchester W/Centre
Glasgow, Spr. Pk.	Glasgow Springburn	Northwich (Winnington)	Winnington
Coalburn (Midtown)	Coalburn	Manchester Airport	Ringway
Moniaive (Dalmacallan)	Dalmacallan	Holyhead (Valley)	Valley
Eskdalemuir	Eskdalemuir Obsy		
Carsphairn (Dundeugh)	Dundeugh	<i>District 8</i>	
Stranraer (Penwhirn)	Penwhirn	Hawkrigde (Liscombe)	Hawkrigde
<i>District 2</i>		Bath (City Boys' School)	Bath City Boys' School
Middleton St. Gge.	Middleton St. George	Hartland Pt.	Hartland Point
<i>District 3</i>		Plymouth (Mt. Batten)	Mount Batten
Clacton	Clacton-on-Sea	Plymouth (The Hoe)	Plymouth The Hoe
<i>District 4</i>		Exeter (Southam)	Exeter Southam
Huddersfield (Oakes)	Huddersfield, Oakes	Camborne (Rosewarne)	Rosewarne
Warsop (Gleadthorpe)	Warsop	<i>Northern Ireland</i>	
		Garvagh	Moneydig
		Newry	Newry Abbey
		Belfast (Stormont)	Stormont Castle
		Hollywood	Creightons Green



# MONTHLY WEATHER REPORT, 1962—LIST OF STATIONS MAKING RETURNS

The following changes should be made in the list published in the Introduction to the 1958 volume as amended by changes listed in the Introduction to Volumes 1959, 1960 and 1961.

## (1) Additions or alterations.

Station	County	Lat.	Long.	Authority
<i>Bracknell</i> .. .. .	Berkshire .. ..	51 24N	00 44W	Meteorological Office.
<i>Clatteringshaws</i> .. .. .	Kirkcudbright .. ..	55 05N	04 16W	South of Scotland Electricity Board.
<i>Coltishall</i> .. .. .	Norfolk .. ..	52 46N	01 21W	Meteorological Office.
<i>Cookstown</i> .. .. .	Tyrone .. ..	54 36N	06 45W	Principal, Loughry Agricultural College.
<i>Credenhill</i> .. .. .	Hereford .. ..	52 50N	02 46W	Flt. Lt. I. J. Thomas.
<i>Crossgar</i> .. .. .	Down .. ..	54 24N	05 45W	T. J. Macmillan, Esq.
<i>Crossmyloof</i> .. .. .	Lanark .. ..	55 50N	04 17W	Headmaster, Hutcheson's Boys' Grammar School.
<i>Dore</i> .. .. .	Yorkshire .. ..	53 19N	01 32W	S. J. Whitaker, Esq.
<i>Inveralmond</i> .. .. .	Perth .. ..	56 25N	03 28W	John Dewar & Sons Ltd.
<i>Lyme Regis</i> .. .. .	Dorset .. ..	50 56N	02 56W	Mrs. R. J. Woodroffe
<i>Navenby</i> .. .. .	Lincolnshire .. ..	53 66N	00 33W	J. K. Rothwell, Esq.
<i>Nottingham (Clifton)</i> .. .. .	Nottinghamshire .. ..	52 54N	01 11W	W. Middlebrook, Esq.
<i>Pickering</i> .. .. .	Yorkshire .. ..	54 15N	00 46W	John Randall, Esq.
<i>Pomeroy Forest</i> .. .. .	Tyrone .. ..	54 35N	06 54W	The Chief Forest Officer.
<i>Prestwick Airport</i> .. .. .	Ayrshire .. ..	55 30N	03 35W	Meteorological Office.
<i>Roscor</i> .. .. .	Fermanagh .. ..	54 26N	08 02W	T. McGorty, Esq.
<i>Thirsk</i> .. .. .	Yorkshire .. ..	54 13N	01 21W	W. F. Bird, Esq.
<i>Walton-on-Naze</i> .. .. .	Essex .. ..	51 51N	01 17E	Ministry of Transport.
<i>Whitchester</i> .. .. .	Berwick .. ..	55 49N	02 27W	S. E. Landale, Esq.
<i>Whitehilllocks</i> .. .. .	Angus .. ..	56 55N	02 54W	County Engineer.
<i>Winfrith</i> .. .. .	Dorset .. ..	50 40N	02 15W	U.K. Atomic Energy Authority.

## (2) Deletions.

Barrow-in-Furness, Bedford, Dalwhinnie, Haslemere, Logie Coldstone, Lundin Links, Midcalder, Milford Haven, Oban, Peebles, Ringwood, Ruscombe, Scalloway, Sedlescombe, Sheffield (Ecclesall), Tarfside.

## CHANGES IN THE NUMBER OF STATIONS PUBLISHED IN 1961

The following tables give (1) stations published during 1962 in addition to those published in the 1961 reports and (2) stations deleted in 1962 from the 1961 list of published stations.

### (1) Stations published in 1962 but not in 1961.

Ballingry, Ballypatrick Forest, Banff, Baronscourt Forest, Ceinws, Cheltenham, Chisledon, Clawton, Costa, Cumbernauld, Derrynoyd Forest, Fylingdales Moor, Garvagh Forest, Gloucester, Gorey Castle, Hamnavoe, Knockmany Forest, Knutsford, Lauder, Loch Rannoch, Loggerheads, Loughermore Forest, Lough Navar Forest, Newry, Poolewe, Pubble Forest, Somerset Forest, Stenness, Strachan, Threave, Trawsfynydd.

### (2) Stations published in 1961 but not in 1962.

Allendale Town, Bingley, Colmonell, Colwyn Bay, Droitwich, Felixstowe, Glenlivet, Goldington, Halkirk, Hawes, Killinghall, Langar, Leicester Towers, Lochranza, Parkmore Forest, Princetown, Ruabon, Tavistock, Walton-on-Naze, Wellingborough, Wheaton Aston, Wirksworth.







DUPLICATE

# Monthly Weather Report

## OF THE METEOROLOGICAL OFFICE

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

M.O. 722



3 8078 0006 6293 4

Volume 79 Number 1

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### January 1962 — *Changeable and mostly mild; sunny.*

The weather was predominantly westerly cyclonic in character but anti-cyclonic and cold for the first few days, and again for a short period towards the end of the month.

The year opened bright and cold with the depression, which had given widespread snow at the end of December, moving away to the Baltic. Snow lay 6-8 in. deep over most of the country and as much as 12 in. deep in a few places. During the next three or four days a ridge of high pressure extended from the region of the Azores over the British Isles and weather remained dry and very cold with fog patches, but also sunny periods. Night frosts were unusually severe. By dawn on the 1st, temperatures in many parts of England and Wales were below  $-12^{\circ}\text{C}$ , and over most of the country they remained below freezing point during the first two days of the month; the maximum at Pershore on the 1st was only  $-5^{\circ}\text{C}$ . Extensive fog formed during the evening of the 2nd and persisted throughout the 3rd and 4th in many industrial areas. However, milder air reached Scotland on the 4th leading to a general thaw the next day.

A stormy period began on the 6th as a deep depression approaching Iceland brought strong south-westerly winds to all parts of the British Isles with a rapid rise of temperature and widespread rain which effectively cleared the remaining snow. Temperatures in the south-west rose to  $12^{\circ}\text{C}$ . Strong to gale force winds continued for the next three days and gales became severe for a time in south-west Scotland on the 8th ahead of a trough which gave widespread rain, and, locally, heavy thundery rain and thunderstorms. After a temporary lull, the 11th was an exceptionally stormy day. A vigorous depression from the Atlantic, which deepened still further as it moved east across Scotland, was preceded by widespread and at times heavy rain on the night of the 10th/11th and was followed by squally showers of rain or hail with local thunder and severe north-westerly gales. Over many northern and western districts mean hourly wind speed at times exceeded 50 kt. The next day another depression moving on a similar track brought heavy falls of snow to parts of Scotland and northern England; in north and east Scotland there were drifts up to 5 ft. deep.

Sunny periods accompanied the passage of a weak ridge across the country on the 14th but on the 15th an intense depression moving northwards off the west of Scotland brought widespread rain and severe gales to the west and north. Over most of the country it was the wettest day of the month; parts of western Scotland had over 3 in. of rain and there was considerable flooding. The rough weather continued for another two days as a deep depression from the Atlantic moved eastwards across Scotland.

A quieter period followed with sunny spells alternating with belts of frontal rain, mainly slight. However a deepening depression moving north-east towards the Shetlands brought a return of heavy rain and gales to most districts on the 21st. The next day all areas had squally, thundery showers, with sleet or snow in the north. Warm front rain spread eastward across the country on the 23rd and rain was heavy in the north on the 24th as the main depression crossed Scotland.

On the 26th a ridge extended northward over Ireland from an anti-cyclone over the Bay of Biscay, and during the next few days the high pressure system moved northward to become centred over southern Scandinavia on the 29th. At first weather was cloudy and

mild in the south and south-west but brighter elsewhere with frost and fog at night. The fog persisted in many industrial areas throughout the 27th and 28th. It became colder on the 29th as an easterly airstream from Scandinavia extended over southern England. The anticyclone moved eastwards on the 30th and fronts associated with a depression approaching Scotland brought snow to most parts of the British Isles with falls of up to 3 in. locally.

**Pressure and Wind** — Mean pressure was below the average except in the extreme south-west, the deviation at 9 hr ranging from  $-8.4$  mb at Lerwick to  $+0.3$  mb at Scilly. Surface winds were mainly light and variable on the 1st-4th and 26th-29th, otherwise they were predominantly south-westerly. Wind reached gale force on 24 days in Scotland and on the 3rd, 7-17th, 19th-26th and 31st (21 days) in England and Wales. Gales were widespread on the 8th, and 11th/16th, and were particularly severe on the 11th and 16th. A gust of 82 kt was recorded at the Lizard on the 11th, one of 90 kt at Hartland Point on the 11th, and one of 89 kt at Stornoway on the 21st.

**Temperature** — Mean temperature was above the 1921-50 average in Great Britain  $+0.4^{\circ}\text{C}$  in England and Wales,  $+0.2^{\circ}\text{C}$  in Scotland and below the average  $-0.4^{\circ}\text{C}$  in Northern Ireland. Weather was cold at the beginning and towards the end of the month, but from the 6th to 26th day temperatures were mainly above average, especially in south-east England.

Extremes included: (England and Wales)  $14.4^{\circ}\text{C}$  at Bramham on the 24th,  $-21.1^{\circ}\text{C}$  at Corwen on the 2nd; (Scotland)  $13.6^{\circ}\text{C}$  at Huntly on the 31st,  $-16.1^{\circ}\text{C}$  at Carnwath on the 2nd; (Northern Ireland),  $12.8^{\circ}\text{C}$  at Armagh on the 30th and at Garvagh Forest on the 31st  $-11.1^{\circ}\text{C}$  at Knockmany Forest on the 2nd.

**Precipitation** — The general rainfall expressed as a percentage of the 1916-50 average was 112 for England and Wales, 123 for Scotland and 106 for Northern Ireland. Rainfall was 150 per cent of the average over some areas in south-west England, in Cumberland and over much of southern and western Scotland, including the Hebrides.

Thunder was heard in Scotland on 11 days and in England and Wales on the 8th, 10th-13th, 16th, 17th, 21st, and 22nd (9 days). Thunderstorms were fairly widespread on the 8th and during the night of the 21st/22nd.

Snow or sleet fell at one place or another in Scotland every day and was reported lying on 26 days. In England and Wales it fell fairly widely on the first four and last two days of the month; it lay 6-12 in. deep on the 1st and was still 2-3 in. deep in many places on the 4th.

**Sunshine** — The general sunshine expressed as a percentage of the 1921-50 average was 135 in England and Wales, 123 in Scotland and 114 in Northern Ireland. Sunshine was more than twice the average locally in the Midlands and in the London area, and it was around 150 per cent of the average over much of eastern England.

**Fog** — In Scotland fog was reported at one place or another on 19 days and in England and Wales on the 1st-8th, 10th-12th, 14th, 21st and 24th-31st (21 days). It was widespread on the 1st-4th and 27th-29th.

**Miscellaneous Phenomena** — The aurora was visible in Scotland on 11 nights. A minor tornado at Egremont, Cumberland, caused damage to houses on the night of the 16th/17th.

MWR dup



TABLE I—DISTRICT VALUES—

1962

(1908, revised 1928, 1941 and 1956)

DISTRICTS	AIR TEMPERATURE						EARTH TEMPERATURE		RAINFALL		SUNSHINE	
	Highest	Lowest	Difference from Average			At 1 ft. Difference from Average	At 4 ft. Difference from Average	Percentage of Average	No. of Days Difference from Average	Percentage of Average		
			Max.	Min.	Mean							
0 SCOTLAND, N.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	%		%		
Eastern	11.7	-9.4	0.0	+0.1	0.0	—	—	142	+4	104		
1 SCOTLAND, E.	13.6	-13.3	+0.4	+0.2	+0.3	—	—	108	+2	146		
2 ENGLAND, N.E.	12.8	-15.0	+0.8	0.0	+0.4	-0.5	-0.6	80	0	153		
3 ENGLAND, E.	13.3	-15.6	+0.7	+0.1	+0.3	-0.7	-1.0	105	0	138		
4 MIDLAND COUNTIES	14.4	-16.1	+0.7	0.0	+0.4	-0.9	-0.9	115	+2	156		
5 ENGLAND, S.E.	13.3	-17.2	+0.7	+0.5	+0.5	-0.2	0.6	121	+1	119		
Western												
6 SCOTLAND, W.	12.2	-16.1	+0.4	+0.1	+0.2	-0.8	-0.5	164	+3	119		
7 ENGLAND, N.W. (and N. Wales)	12.8	-21.1	+0.6	+0.1	+0.4	-0.9	-0.7	113	+1	144		
8 ENGLAND, S.W. (and S. Wales)	13.9	-16.7	+0.4	+0.1	+0.2	-0.8	-1.3	139	+3	99		
NORTHERN IRELAND	12.8	-11.1	+0.2	-0.9	-0.4	-	-	106	+1	114		

TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND—

1962

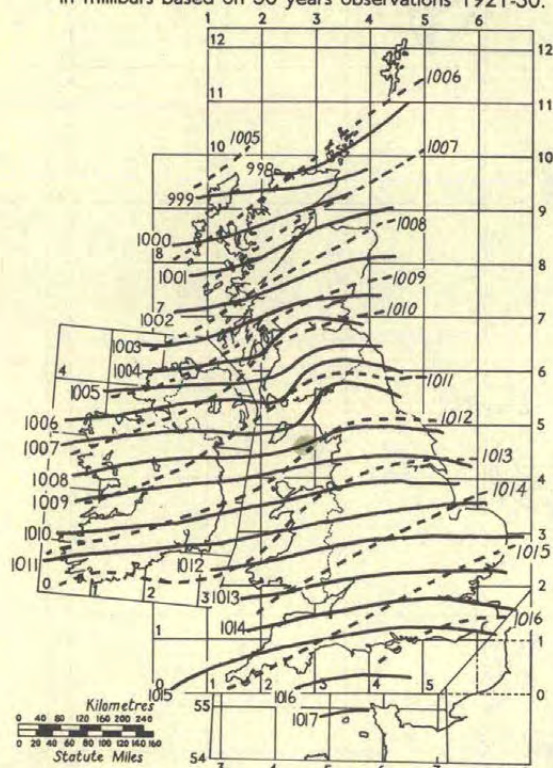
(1914)

DISTRICT, COUNTY AND PLACE			Height of Vane			Distribution of Mean Hourly Values of Wind Speed								Mean Hourly Wind Speed	Highest Velocities						
			Above Mean Sea Level	Above Ground	Effective Height	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			
						Dates of Occurrence	Duration	No. of days	Duration	Duration	Duration	Duration	Veer from N.		Speed	Hour ended at	Speed	Day and Time			
			ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	knots	°	knots	day hr.	knots	day	h.m.		
SCOTLAND																					
0	Zetland	Lerwick	303	32	32	4, 5, 7-9, 11	50	25	214	288	152	40	0	17.9	250	44	11	21	74	8	0415
	Orkney	Kirkwall (Grimsetter)	134	50	33																
	Caithness	Dounreay	110	39	30	8, 11, 15	16	20	157	431	113	0	27	17.0	140	48	15	18	69	15	1705
	Ross & Cromarty	Stornoway (Coastguard)	120	40	36	4-8, 11, 15-22	124	27	278	295	34	13	0	23.6	210	61	21	21	89	21	2010
	Inverness	Duirinish	125	65	55	15, 21, 22, 30	30	20	181	279	180	72	2	15.6	230	44	22	02	71	22	0025
1	Moray	Benbecula	89	51	35	15, 21-23, 30, 31	41	22	226	314	137	26	0	18.1	230	50	21	19	80	21	1855
	Aberdeen	Lossiemouth	10	80	6																
	Angus	Dyce	225	40	40	15	2	13	52	329	227	134	0	11.0	170	35	15	21	50	15	1650
	Perth	Bell Rock Lighthouse	128	131	124																
	Fife	Rannoch	1006	56	57																
	Midlothian	Leuchars	78	40	40	9, 17	7	16	79	318	281	59	0	12.7	230	44	17	14	71	17	1345
	Argyll	Edinburgh	485	39	23	15, 17	9	19	124	351	138	65	57	15.1	190	41	15	21	66	17	1235
6a	Bute	Tiree	89	60	47	8-11, 13, 15-19	95	28	296	232	86	35	0	21.4	160	46	15	13	69	31	2045
	Renfrew	Millport	50	34	34	9, 15, 17, 19	7	18	127	315	138	151	6	13.7	220	38	17	10	68	9	0310
	Renfrew	Paisley	188	81	31																
	Ayr	Renfrew	71	41	39	15, 17	8	13	70	284	195	187	0	10.5	210	41	17	11	67	17	1015
	Dumfries	Prestwick Airport	35	33	33		0	13	91	373	178	102	0	12.5	210	33	17	11	56	11	1240
	Wigtown	Esksdalemuir	825	50	35	12, 15	7	15	66	283	178	206	4	10.2	200	38	15	20	62	11	1310
		West Freugh	83	33	33	8, 11-13, 15, 17	23	17	113	305	184	119	0	13.2	300	44	11	12	67	12	1250
ENGLAND AND WALES																					
6b	Isle of Man	Point of Ayre	70	40	35	8, 11-13, 15, 17	18	16	171	315	189	51	0	15.6	290	40	12	14	62	15	1805
		Ronaldsway	119	64	39	8, 9, 11, 12, 15	51	24	263	251	154	25	0	19.2	210	47	17	07	69	17	0410
2	Durham	Durham	389	53	33	15	1	9	62	288	251	133	9	10.9	180	34	15	24	62	15	2313
	Lincoln	South Shields	73	57	44	-	0	6	18	262	402	62	0	9.7	290	28	12	19	49	11	1445
	Suffolk	Cranwell	288	47	47	11	3	15	110	385	197	49	0	14.2	240	35	11	13	54	11	1505
3	Norfolk	Gorleston	45	33	33	*															
	Suffolk	Mildenhall	98	83	60	11	2	8	33	308	244	157	0	10.1	280	36	11	14	59	11	1255
	Bedford	Cardington	226	133	133	11, 12, 15, 16, 21, 22	36	20	178	304	133	93	0	16.1	240	51	11	13	75	11	1215
	Hertford	Rothamsted	461	41	33	-	0	1	5	192	430	117	0	7.7	240	25	11	10	54	11	0920
	Essex	Stanstead Abbots	138	41	40	‡															
		Coryton	66	57	48	-	0	4	23	283	371	67	0	10.1	220	30	11	12	58	11	1140
		Shoeburyness	118	106	91	8, 11, 12, 15, 16, 31	31	16	137	345	212	19	0	15.8	210	55	11	09	75	11	0845
4	Yorks, W.R.	Sheffield	533	83	35	-	0	3	6	263	271	204	0	8.1	270	25	11	13	56	11	1245
	Warwick	Birmingham (Edgbaston)	643	118	73	-	0	7	26	297	376	45	0	10.4	280	30	11	12	63	11	1135
	Stafford	Keele	706	50	40	-	0	6	21	236	338	149	0	9.0	190	29	16	01	53	16	0140
	Gloucester	Avonmouth	92	61	33	*															
5	London	Kingsway	208	143	41	-	0	2	11	279	401	53	0	9.6	210	27	11	09	61	11	0930
	Middlesex	London (Heathrow) Airport	115	33	33	11	2	9	39	233	310	120	0	9.6	200	36	11	08	58	11	0745
		Hampton	139	101	100	11	3	9	51	288	264	138	0	10.4	220	36	11	08	65	11	1110
	Surrey	Kew Observatory	92	75	50	11	1	5	22	245	341	135	0	9.3	200	34	11	08	59	11	0740
		London (Gatwick) Airport	232	38	33	11	5	9	61	258	247	173	0	9.9	230	37	11	09	70	11	0805
	Kent	Isle of Grain	48	40	33	*															
		Dungeness	70	50	33																
		Dover	68	38	62	11, 12	4	13	97	357	231	55	0	13.2	240	35	11	12	65	11	1145
	Sussex	Thorney Island	75	65	42	-	0	9	38	261	275	170	0	9.5	210	32	11	08	64	11	0720
	Hampshire	Calshot	50	41	33	11, 16	6	11	80	332	287	39	0	12.4	190	38	16	04	56	11	0540
		S. Farnborough	318	69	35	11	2	5	21	302	242	177	0	9.3	230	35	11	12	64	11	1035
	Berkshire	Abingdon	295	40	40	11	1	8	39	278	191	235	0	9.3	220	36	11	09	62	11	0850
	Wiltshire	Larkhill	491	51	36	11	5	7	29	267	342	101	0	10.0	260	36	11	10	66	11	0550
		Porton	406	44	44	11	5	8	51	239	314	135	0	10.2	210	38	11	07	63	11	0645
7a	Cumberland	Carlisle	137	42	42	17	2	12	64	295	196	187	0	10.1	200	35	17	10	59	17	1830
		Sellafield	83	39	35	-	0	10	51	300	264	108	21	10.8	280	30	12	15	49	8	1605
		Spadeadam	959	51	40	8, 15, 17	7	10	65	323	216	133	0	11.6	220	36	17	11	58	17	1035
	Westmorland	Moor House	1960	50	45	11, 12, 15-17	33	23	211	280	99	85	36	17.1	280	41	11	17	65	11	1340
	Lancashire	Southport	59	41	33																
		Liverpool Airport	84	41	33	12, 15	4	15	92	320	303	25	0	12.8	260	36	12	13	55	12	1200
	Cheshire	Bidston Observatory	262	64	39	11-13	12	11	94	290	227	99	22	-	260	40	12	14	76	12	1330
		Manchester Airport	261	33	33	-	0	11	66	287	257	134	0	10.6	270	33	11	13	58	12	1355
7b	Anglesey	Holyhead (Valley)	76	50	40	8, 10-12, 15, 17	32	19	179	299	89	145	0	15.4	260	43	11	10	63	11	1025
8a	Cardigan	Aberporth	483	41	41	11, 12, 15, 22	31	22	205	331	108	69	0	16.8	280	42	11	10	68	11	0345
	Pembroke	Milford Haven	246	50	35	‡															
	Glamorgan	Port Talbot	91	40	35	11	5	10	68	290	283	98	0	10.0	280	46	11	10	72	11	0910
		Rhoose	257	37	32	11	5	9	38	286	367	48	0	10.8	260	43	11	10	66	11	0740
8b	Devon	Plymouth	191	88	65	8, 11, 15, 16	15	15	72	255	328	74	0	11.8	-	45	16	01	59	11	0510
	Cornwall	St. Mary's, Scilly	230	65	57																
		The Lizard	315	75	60	8, 10-12, 15	79	21	205	306	122	15	17	19.7	240	58	11	06	82	11	0520
NORTHERN IRELAND																					
	Londonderry	Ballykelly	52	50	35	17	2	15	85	368	131	158	0	11.9	230	35	17	08	60	17	0725
	Antrim	Aldergrove	281	65	55	15, 17	8	14	84	398	157	97	0	13.1	220	38	17	07	62	17	0705
		Nutts Corner	344	31	31	-	-	-	-	-	-	-	-	-	220	32	17	08	55	17	0620
CHANNEL ISLES																					
		Jersey Airport	359	86	50	9-12, 16, 21, 22	24	16	155	422	127	16	0	16.6	240	44	11	08	70	11	0825

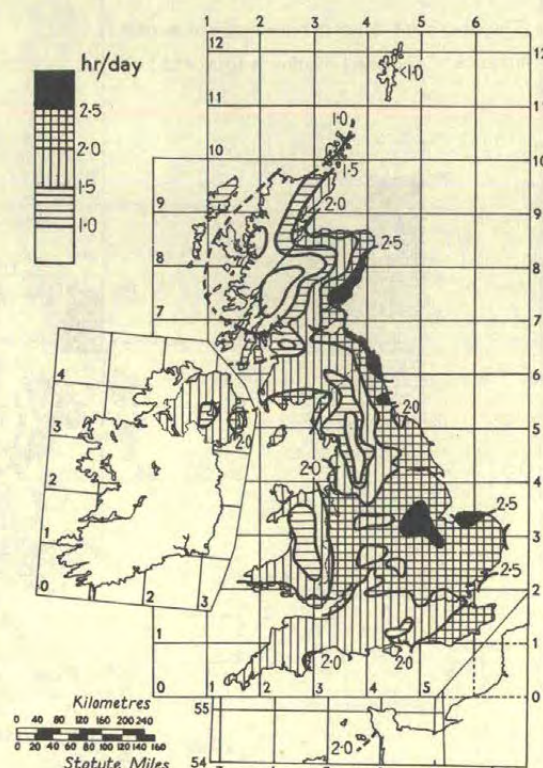


## MEAN PRESSURE AT 9 G.M.T.

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

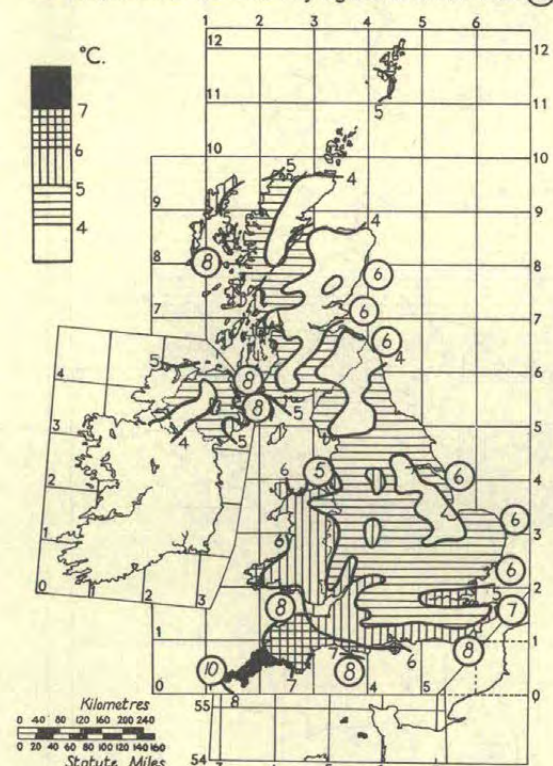


## BRIGHT SUNSHINE

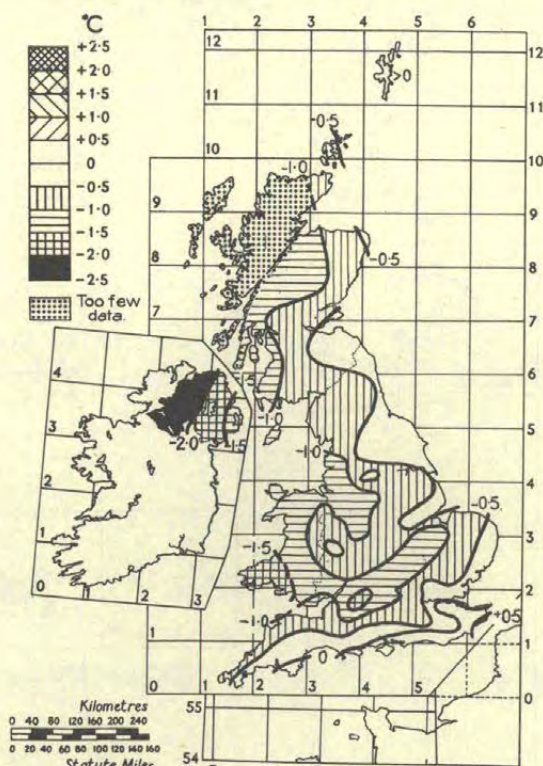


## MEAN AIR TEMPERATURE

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

JANUARY 1962

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

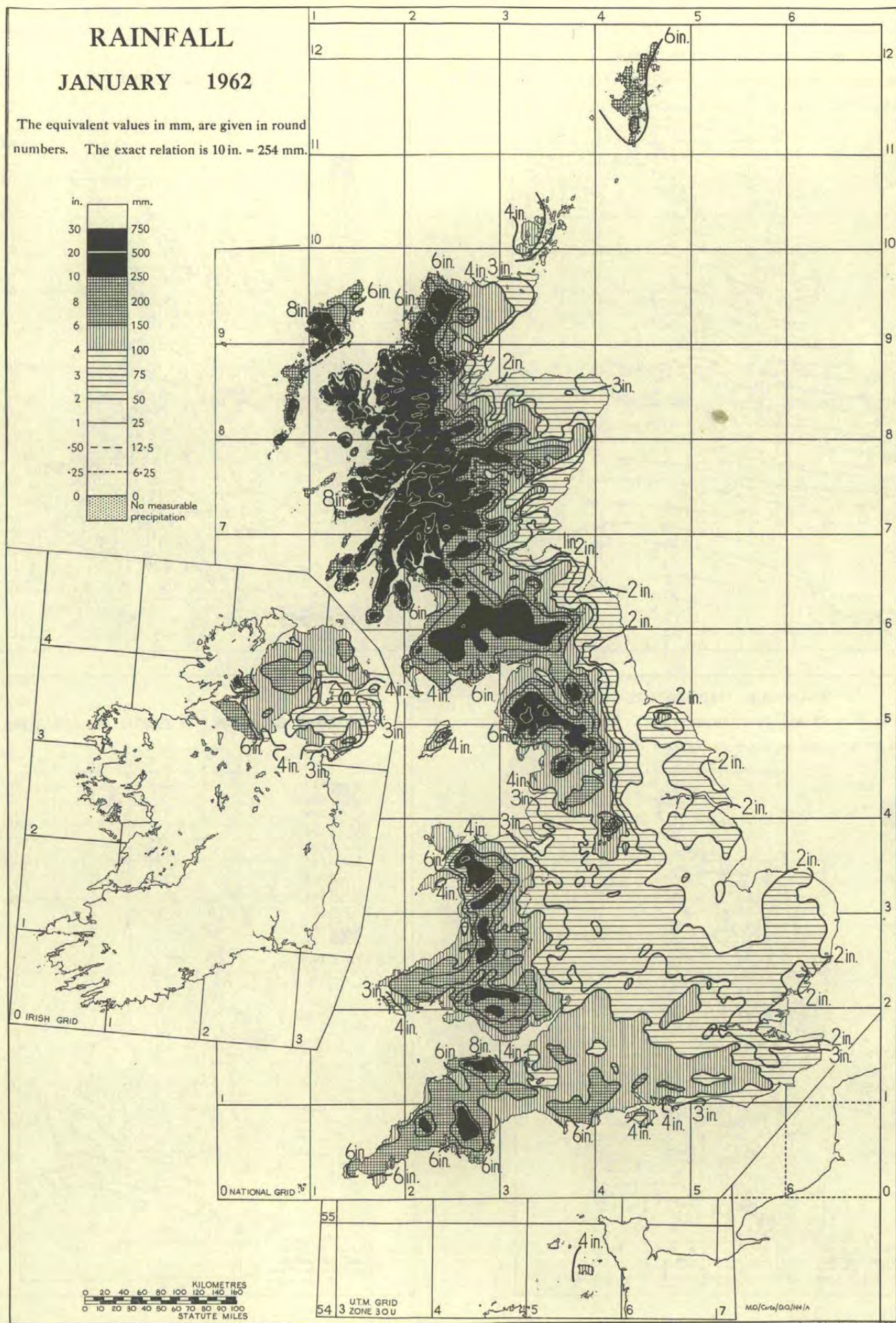
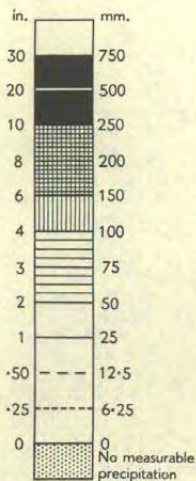




TABLE III — SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER JANUARY 1962

DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)		WEATHER										BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
			Means of		Difference from Average	Highest Maximum and Lowest Minimum				Total Fall			Percentage of Average	Most in a day		Number of days																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
			A Max.	B Min.		Maximum	Date	Minimum	Date		Amount	Date		Precip'n	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. O.C.	Gale	Daily Mean			Percentage of Average																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
			°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.		-0.1in. (0.2mm.) or more	-0.4in. (1.0mm.) or more										hr	%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
0 SCOTLAND, N.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											



TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER JANUARY 1962

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation		Height of Station above Mean Sea Level		AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)				WEATHER Number of days										BRIGHT SUNSHINE			
						Means of		Difference from Average		Highest Maximum and Lowest Minimum						Total Fall		Percentage of Average		Most in a day		Precip'n			Snow lying at 9h. Hail Ice or snow pellets etc. Thunder heard Fog at 9h. Air Frost Grass min. O'C. Gale							Daily Mean Percentage of Average	
Max. Min.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	1 ft.	4 ft.	in.	%	in.	Date	-0.1in. (0.2mm.) or more	-0.4in. (1.0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. O'C.	Gale	Daily Mean	Percentage of Average			
G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.	Date	-0.1in. (0.2mm.) or more	-0.4in. (1.0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. O'C.	Gale	Daily Mean	Percentage of Average			
1 SCOTLAND, E.—cont.																																	
Midlothian	Balerno ...	9 9	700	5.8	-0.1	2.9	-	9.4	25.31	-7.8	2	-	-	3.96	-	.55	9	22	21	-	0	-	-	-	-	15	29	-	2.11	-			
	Midcalder ...	9 9	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	Turnhouse ...	21-9	114	6.2	0.9	3.5	-	11.4	31	-10.0	2	-	-	2.42	100	.39	8	19	16	3	4	1	2	0	2	9	22	5	1.94	-			
	Edinburgh— East Craigs ...	9 9	200	6.6	0.8	3.7	-	11.1	31	-8.9	2	-	-	2.41	-	.47	8	20	17	4	4	0	0	0	2	9	23	2	2.12	- S			
	Davidson's Mains ...	9 9	200	6.4	0.9	3.7	-	11.1	31	-6.7	2	1.9	-	2.43	-	.34	8	23	16	2	5	0	0	0	1	10	23	3	1.96	-			
	Penicuik ...	9 9	620	5.6	0.2	2.9	-	9.4	25	-9.4	2	1.4	-	4.68	-	.72	8	21	19	5	7	1	0	0	1	11	30	1	-	-			
	Bush House ...	9 9	605	6.1	0.2	3.1	-	10.0	25	-7.8	2	1.4	3.2	4.54	-	.68	8	22	21	3	5	0	0	0	0	10	27	1	-	-			
	Edinburgh— Blackford Hill¶§	9 9	441	6.7	1.5	4.1	+0.4	11.1	31	-3.3	1	-	-	2.41	98	.36	8	21	15	1	4	0	0	0	1	5	18	0	2.33	138			
	Liberton ...	9 9	200	7.4	1.0	4.2	-	11.1	25.31	-6.7	2	-	-	2.57	-	.43	8	21	17	0	4	0	0	0	0	9	13	0	2.48	-			
E. Lothian	Botanic Garden ...	9 9	74	6.9	0.7	3.8	-	11.7	31	-6.7	2	2.2	-	2.30	-	.46	8	21	16	1	4	0	0	0	2	12	24	2	1.86	-			
	Haddington ...	9 9	162	7.0	0.1	3.5	-	11.7	31	-11.7	2	-	-	1.90	-	.43	8	19	11	0	5	0	0	0	1	11	24	2	1.94	-			
	North Berwick ...	9 9	51	7.3	1.4	4.3	+0.7	12.2	31	-4.4	2	-	-	1.31	62	.30	5	21	9	1	3	0	0	0	1	5	-	2	2.06	163			
	Dunbar ...	9 9	75	7.4	1.6	4.5	-	12.2	31	-5.0	4	-	-	1.67	-	.39	8	17	10	0	4	0	0	0	0	6	13	0	2.59	-			
Berwick	Lauder ...	9 9	790	5.6	-1.0	2.3	-	10.0	25	-8.9	3	-	-	4.41	-	.72	15	24	18	3	9	0	0	0	2	18	28	3	2.36	-			
	Marchmont ¶§	9 9	498	5.8	-0.1	2.9	+0.2	8.9	25.31	-5.0	4	-	-	2.84	99	.61	15	21	19	3	5	0	0	0	1	14	-	5	2.09	160S			
	St. Abb's Head ...	9 9	245	5.9	2.4	4.1	-	10.9	25	0.0	3	-	-	1.89	-	.32	8	17	11	0	0	0	0	0	0	1	10	2	-	-			
Peebles	Broughton ...	9 9	741	5.8	-0.1	2.9	-	10.0	25	-12.8	2	-	-	9.10	-	1.99	15	22	22	8	5	3	0	0	1	11	26	0	-	-			
	Blyth Bridge ...	9 9	830	5.4	-0.1	2.7	-	9.4	25	-10.6	2	-	-	5.72	-	.93	15	23	17	10	5	0	0	0	2	11	26	1	1.72	-			
	West Linton ...	9 9	800	5.6	-0.2	2.7	-	8.9	25.31	-8.9	2	0.6	3.4	5.19	-	.87	8	23	18	9	7	0	0	0	2	13	17	1	-	-			
	Peebles ...	9 9	645	6.3	0.4	3.3	-	10.6	25	(-8.3)	2	-	-	6.06	-	1.50	15	24	18	6	5	0	0	0	1	11	28	1	1.30	- S			
	Peebles (Glenfress) ...	9 9	580	6.3	-0.4	2.9	-	11.7	31	-12.2	2	-	-	6.77	-	1.58	15	21	19	6	4	1	0	0	2	14	-	1	-	-			
Selkirk	Selkirk (Bowhill) ...	9 9	600	5.7	-0.8	2.5	-	10.0	25	-7.8	2	-	-	6.37	-	1.32	15	22	20	5	9	1	0	0	2	19	-	6	-	-			
Roxburgh	Hawick (Wauchope) ...	9 9	560	6.2	-0.8	2.7	-	10.0	27	-13.3	2	-	-	7.18	-	1.93	15	21	18	-	8	-	-	-	0	14	-	-	-	-			
	Sourhope ...	9 9	900	5.3	-0.3	2.5	-	8.9	25.31	-9.4	1	-	-	3.52	-	.66	15	22	18	4	7	1	0	1	0	17	27	1	1.82	-			
6a SCOTLAND, W.																																	
Argyll	Tiree ... ¶§	21-9	29	7.6	3.8	5.7	+0.1	10.0	31	0.1	1	-	-	8.27	174	.94	13	28	26	2	1	4	13	1	0	0	10	15	1.02	89			
	Rhuvaal ...	21-9	65	7.8	3.8	5.8	-	10.9	31	0.6	2	-	-	10.67	-	1.12	10	27	26	2	0	5	0	0	0	0	2	6	-	-			
	Colonsay ...	9 9	87	7.9	2.3	5.1	-	10.0	15,30,31	-3.9	2	-	-	8.96	155	.91	13	31	26	5	-	5	0	1	3	4	-	13	-	-			
	Campbeltown ...	9 9	10	8.6	3.3	5.9	-	12.2	24,25,31	-0.6	2	1.7	2.8	5.31	-	.42	11	25	21	-	0	-	-	-	-	4	-	-	1.49	-			
	Tarbert (Achaglachgach) ...	9 9	40	7.4	1.2	4.3	-	10.0	30,31	-5.6	2	-	-	13.81	-	1.41	11	30	26	3	0	3	0	3	0	1	25	0	-	-			
	Oban ...	9 9	229	6.9	2.5	4.7	-	9.4	30	-3.3	1	-	-	12.94	209	1.59	30	30	29	2	2	4	0	1	0	3	13	0	0.74	78 S			
	Lephlmore ...	9 9	30	6.9	1.7	4.3	-	10.0	6,31	-3.9	2	-	-	13.05	-	2.08	15	31	27	0	0	6	0	1	2	6	18	0	0.55	- S			
	Glenbranter ...	9 9	120	6.1	0.1	3.1	-0.3	10.0	30,31	-7.2	2	-	-	19.69	173	3.29	15	26	25	-	5	-	-	-	4	13	26	-	-	-			
	Benmore (Forestry Sch.) ...	9 9	46	7.2	0.4	3.8	-	11.1	30,31	-6.7	29	2.3	3.4	18.09	163	2.43	15	27	25	2	1	1	0	0	3	12	19	0	-	-			
	Benmore (Younger Bot. Gdn.) ...	9 9	40	6.9	0.9	3.9	-	11.1	30,31	-6.1	1	-	-	18.01	-	2.33	15	29	25	4	1	0	5	0	4	10	22	0	-	-			
Bute	Rothsay ¶§	9 9	150	7.2	2.2	4.7	+0.2	11.1	30,31	-2.8	1	3.3	4.4	10.92	182	1.20	15	29	25	2	0	4	0	0	2	4	16	9	1.10	96			
	Millport ...	9 9	16	7.8	2.4	5.1	-	11.1	30	-1.7	1	-	-	8.85	177	.90	22	26	24	5	0	2	0	0	2	6	-	9	-	-			
Dunbarton	Helensburgh ...	9 9	293	6.4	0.7	3.5	+0.1	9.4	30,31	-4.4	1,4	-	-	9.33	142	.97	30	25	24	1	0	0	1	0	2	16	-	1	-	-			
	Cumnernauld ...	9 9	310	5.3	-0.4	2.5	-	10.0	31	-11.7	2	-	-	7.11	-	1.08	15	26	21	4	5	0	0	1	4	15	27	1	-	-			
Stirling	Stirling ...	9 9	151	5.9	0.7	3.3	-0.1	10.6	31	-7.2	4	-	5.3	7.74	170	1.50	15	24	21	4	5	0	1	0	1	4	10	20	1	1.54	-		
	Falkirk ...	9 9	100	6.9	0.4	3.7	-	10.6	31	-7.2	2	-	-	5.13	-	-	-	-	-	-	4	-	-	-	-	10	-	-	-	-			
Renfrew	Greenock ...	9 9	200	7.0	1.8	4.4	+0.2	11.1	30,31	(-4.4)	29	-	-	13.34	170	1.55	30	26	25	0	3	1	0	1	5	6	17	0	-	- S			
	Paisley ...	9 9	106	6.7	1.6	4.1	+0.1	10.0	25,30,31	-6.1	2	3.1	6.1	8.66	166	1.29	15	25	24	1	4	4	0	0	7	6	18	3	1.22	131			
	Barrahead ...	9 9	97	6.8	0.9	3.9	-	10.0	5,30,31	-9.4	2	-	-	9.10	-	1.42	15	26	22	2	3	5	0	1	5	7	16	1	-	-			
Lanark	Renfrew ... ¶§	21-9	26	6.1	1.6	3.9	+0.3	10.4	31	-9.1	2	-	-	6.67	143	1.12	15	25	22	3	4	7	0	1	5	8	14	3	1.34	135			
	Thorntonhall ...	9 9	453	6.3	0.4	3.3	-	10.0	31	-8.9	2	-	-	8.86	-	1.41	15	26	23	2	4	2	0	0	-	9	27	0	-	-			
	Glasgow, Spr. Pk. ...	9 9	351	5.8	0.7	3.3	-	9.4	25,31	-7.8	2	-	-	6.58	156	1.23	15	27	21	2	5	2	0	0	5	9	23	3	1.11	-			
	Coatbridge ...	9 9	256	6.4	0.8	3.6	-	10.6	31	-9.4	2	-	-	5.16	-	.99	15	24	18	3	2	1	0	0	1	9	-	1	-	-			
	Coalburn (Midtown) ...	9 9	707	5.6	-0.7	2.5	-	9.2	25,31	-13.2	2	1.9	-	8.47	-	1.43	15	25	22	9	3	2	1	0	1	3	27	4	1.47	-			
	Lowther Hill ...	-	2377	2.1	-2.0	0.1	-	5.0	6,8,31	-10.3	1	-	-	-	-	-	-	-	-	13	-	2	0	0	24	30	-	12	0.75	-			
	Leadhills ...	9 9	1270	4.4	-0.3	2.1	-	7.8	25,31	-11.1	2	-	-	11.11	-	3.23	15	22	19	7	9	3	0	0	2	14	20	3	-	-			
	Carnwath ...	9 9	706	5.5	-0.7	2.4	-	8.9	25,30,31	-16.1	2	-	-	5.31	-	.84	15	23	20	6	5	1	0	0	2	15	29	5	-	-			
Ayr	Turnberry ...	9 9	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	Largs ...	9 9	20	7.7	2.1	4.9	-	11.1	6,30	-5.0	1	-	-	9.51	-	1.33	11	24	22	-	1	-	-	-	2	7	17	-	1.21	-			
	Barr ...	9 9	400	6.4	0.0	3.2	-	9.4	25,31	-15.0	2	-																					



TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER JANUARY 1962

DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)		WEATHER										BRIGHT SUNSHINE														
			Means of		Mean Temperature of Air and Soil	Difference from Average	Highest Maximum and Lowest Minimum				Temperature		Total Fall	Percentage of Average	Most in a day	Precip'n				Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. O.C. or less	Gale	Daily Mean	Percentage of Average									
			A Max.	B Min.			Maximum	Date	Minimum	Date	1 ft.	4 ft.				-0.1in.(0.2mm.) or more	-0.01in.(1.0mm.) or more	Snow or Sleet	Snow lying at 9h.												Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. O.C. or less	Gale	Daily Mean	Percentage of Average
G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.															hr	%										
2 ENGLAND, N.E.—cont.																																							
Northumberland cont.	Haydon Bridge ...	99	270	6.8	-0.7	3.1	-	10.6	24,25,31	-15.0	1	2.4	5.3	3.19	-	.54	10	22	16	0	5	0	0	1	2	13	23	1	1.79	-	S								
	Berwick-on-Tweed ...	99	76	6.8	0.8	3.8	0.0	11.1	31	-10.0	1	-	-	1.75	86	.26	5,12	18	12	3	4	0	0	0	0	7	27	2	2.74	163	-								
	Ponteland ...	99	220	6.7	-0.2	3.3	-	10.6	24,25,31	-12.2	1	-	-	1.50	-	.25	22	18	10	2	7	0	2	2	1	11	26	4	-	-	-								
	Cockle Park ...	99	326	6.4	0.6	3.5	+0.4	10.6	31	-5.6	1	2.4	-	1.90	68	.28	10	22	13	2	5	0	0	1	0	7	26	0	2.38	147	-								
Durham	Acklington ...	21-9	138	6.2	0.8	3.5	-	10.9	31	-5.6	2	-	-	1.52	-	.24	10	18	13	4	5	1	0	1	0	11	21	6	2.95	-	-								
	Tynemouth ...	21-9	95	6.3	2.3	4.3	-0.1	11.0	31	-4.0	2	-	-	1.49	64	.28	30	17	9	1	3	0	0	1	0	6	21	8	2.31	-	-								
	Chopwellwood ...	99	446	6.6	0.6	3.6	+0.7	10.0	24,25,31	-5.0	2	-	-	2.39	92	.32	10	19	10	2	8	0	0	1	0	11	29	1	-	-	-								
	Ushaw College ...	99	594	6.2	0.4	3.3	+0.4	10.0	24,31	-7.2	1	-	-	2.50	94	.51	8	16	15	3	7	0	0	0	5	11	-	3	-	-	-								
Durham	Houghall ...	99	123	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
	Durham ...	99	336	6.9	0.7	3.8	+0.6	11.1	25	-7.2	1	2.5	5.1	1.91	82	.27	30	17	12	-	8	-	-	-	-	9	26	-	2.53	164	-								
	Gateshead ...	99	509	6.2	1.2	3.7	-	10.0	24,25,31	-7.2	1	-	-	1.82	-	.31	23	15	9	-	4	-	-	-	2	8	14	-	2.70	-	-								
	Middleton St. Gge.	21-9	115	6.6	1.2	3.9	-	12.0	31	-9.4	2	-	-	1.17	-	.24	30	14	8	1	5	0	0	0	1	7	25	1	2.18	-	-								
Yorks., N. Riding	West Hartlepool ...	99	30	7.3	1.6	4.5	-	11.7	24	-5.0	2	-	-	1.19	-	.24	10	18	9	1	3	0	0	0	5	6	14	1	1.71	-	-								
	Dishforth ...	21-9	105	6.9	1.6	4.3	-	12.6	24	-7.2	2	-	-	2.08	86	.50	10	14	11	2	3	0	1	1	2	6	18	0	2.42	-	-								
	York ...	99	57	7.3	1.4	4.3	+0.5	12.8	24	-6.1	1,2	2.8	4.9	1.74	74	.38	30	19	13	1	5	0	0	0	2	7	-	0	1.74	158	-								
	Ampleforth ...	99	313	6.4	0.8	3.6	+0.5	10.6	24	-3.9	1	-	-	1.91	66	.33	30	19	12	-	-	-	-	-	1	9	26	-	-	-	-								
Yorks., E. Riding	Redcar ...	99	25	7.7	1.6	4.7	-	12.2	24	-4.4	2	-	-	1.30	62	.24	1	16	9	-	5	-	-	-	-	1	5	-	-	1.79	-	-							
	Whitby ...	99	135	7.3	1.5	4.4	-	11.1	24	-3.3	2	-	-	2.26	89	.46	10	17	14	1	0	0	0	0	1	7	-	0	2.30	-	-								
	Scarborough ...	99	118	7.2	2.1	4.7	+0.3	11.7	24	-1.7	1	-	-	2.20	87	.40	1	17	15	2	3	0	0	0	1	6	11	2	1.95	143	S								
	Silpho Moor ...	99	665	5.9	0.5	3.2	-	10.6	24	-4.4	1	2.4	-	2.96	-	.61	10	19	15	0	7	0	0	0	5	10	25	0	2.27	-	-								
Yorks., E. Riding	Fylingdales Moor ...	99	805	4.8	-0.3	2.3	-	8.9	24,25	-7.2	1	-	-	3.02	-	.64	10	17	14	3	6	0	0	0	5	19	-	3	-	-	-								
	High Mowthorpe ...	99	574	6.0	0.2	3.1	-	11.1	24	-6.7	1,2	2.3	-	2.77	-	.73	10	21	16	3	5	1	0	0	4	11	27	6	2.30	-	-								
	Hull ...	99	8	7.2	1.6	4.4	+0.3	12.2	24	-5.0	3	3.2	5.6	2.28	97	.42	30	19	14	1	3	0	0	0	1	7	19	1	2.10	196	-								
	Leconfield ...	21-9	24	6.7	1.5	4.1	-	12.7	24	-8.3	3	-	-	2.29	-	.39	30	18	15	4	4	0	0	0	1	9	9	1	2.26	-	-								
Lincoln	Filey ...	99	122	6.7	0.7	3.7	-	11.7	24	-4.4	29	-	-	2.60	-	.44	1	18	15	0	4	0	0	0	2	11	17	0	2.24	-	-								
	Bridlington ...	99	157	6.7	0.8	3.7	-	12.2	24	-5.0	1	-	-	2.66	-	.48	1,30	17	14	2	3	0	0	0	3	10	18	8	2.40	-	-								
	Spurn Head ...	21-9	29	6.1	2.6	4.3	+0.2	11.7	24	-2.2	1	-	-	1.86	-	.38	21	16	11	3	3	0	0	0	1	4	-	7	2.10	134	-								
	Gainsborough ...	99	110	7.0	-0.1	3.5	-	12.8	24,25	-8.3	3	-	-	2.08	-	.38	30	19	14	2	6	0	0	0	1	14	-	0	-	-	-								
Lincoln	Waddington ...	21-9	224	6.4	1.6	4.0	-	11.9	24	-5.9	2	-	-	1.71	-	.43	30	14	11	3	5	1	0	0	5	7	9	3	2.52	-	-								
	Lincoln ...	99	22	7.1	-0.2	3.5	-	12.8	24	-11.7	1,2	2.9	4.6	2.05	-	.49	30	16	12	1	6	0	0	0	6	10	25	6	2.21	-	-								
	Cranwell ...	99	205	6.8	0.1	3.5	+0.1	12.2	24	-6.3	3	3.4	5.7	1.82	87	.42	30	16	11	2	5	0	0	0	5	13	15	7	2.63	155	-								
	Cleethorpes ...	99	23	7.4	1.2	4.3	+0.5	12.8	24	-3.3	1,2	-	-	1.82	83	.38	22	11	10	-	3	-	-	-	2	10	27	-	2.50	160	-								
Lincoln	Manby ...	21-9	55	6.4	1.3	3.9	-	12.2	24	-6.7	2	-	-	2.00	-	.43	21	16	12	4	3	2	0	0	1	11	18	2	2.31	-	-								
	Skegness ...	99	15	7.1	1.4	4.3	+0.7	12.8	24	-6.7	3	-	-	1.59	76	.44	21	18	13	5	4	0	4	0	1	7	18	3	2.32	137	-								
3 ENGLAND, E.																																							
Norfolk	Terrington ...	99	13	6.7	0.6	3.7	-	12.2	24	-8.3	3	3.3	-	1.32	73	.18	30	13	12	2	5	0	0	0	4	11	22	0	2.32	-	-								
	St. Clement ...	99	13	6.7	0.6	3.7	-	12.2	24	-8.3	3	3.3	-	1.32	73	.18	30	13	12	2	5	0	0	0	4	11	22	0	2.32	-	-								
	Marham ...	21-9	76	6.6	0.7	3.7	-	12.6	24	-10.1	3	-	-	1.60	-	.24	9	15	11	3	5	0	1	0	4	14	16	1	-	-	-								
	Santon Downham ...	99	80	7.5	-0.6	3.5	-	12.2	24	-12.8	3	3.5	4.9	2.34	-	.36	30	18	13	-	7	-	-	-	2	-	-	-	-	-	-								
Suffolk	West Raynham ...	21-9	250	6.2	1.2	3.7	-	11.6	24	-5.6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
	Cromer ...	99	178	7.4	1.7	4.5	+0.4	12.2	24	-3.3	1	-	-	2.29	102	.36	21	18	15	-	2	-	-	-	0	6	15	-	2.55	143	-								
	Sprowston ...	99	93	7.3	1.0	4.1	+0.4	12.2	24	-6.1	30	4.2	-	2.04	88	.26	21	19	16	2	4	0	0	0	2	10	17	1	2.26	140	S								
	Burlingham ...	99	89	7.1	1.4	4.3	-	11.7	24	-5.0	2	-	-	1.66	73	.23	10	19	14	3	4	0	1	0	2	8	16	4	2.38	-	-								
Suffolk	Gorleston ...	21-9	12	6.9	2.5	4.7	+0.3	12.0	24	-4.2	1	4.4	6.4	1.68	76	.24	21	19	12	3	4	0	0	0	2	6	13	7	2.44	140	-								
	Mildenhall ...	21-9	15	7.0	1.6	4.3	-	12.5	24	-9.7	3	-	-	1.85	97	.29	21	16	11	3	6	0	1	0	3	8	15	1	2.35	-	-								
	East Bergholt ...	99	14	7.6	0.5	4.1	-	12.2	24	-9.4	1	-	-	2.06	-	.41	21	17	10	2	5	0	0	0	1	14	23	0	-	-	-								
	Wattisham ...	21-9	292	5.9	1.0	3.5	-	11.4	24	-9.2	1	-	-	2.02	-	.33	9	21	13	2	6	1	0	0	4	11	1												



TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER JANUARY 1962

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation		AIR TEMPERATURE IN DEGREES CELSIUS										EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)			WEATHER Number of days												BRIGHT SUNSHINE	
		Max.	Min.	Means of		Mean Temperature Mean of A and B	Difference from Average	Highest Maximum and Lowest Minimum				1 ft. 4 ft.		Total Fall	Per-centage of Average	Most in a day	Precip'n		Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. O C or less	Gale	Daily Mean	Per-centage of Average			
				A	B			Maximum	Date	Minimum	Date						-0.1 in. (0.2 mm.) or more	-0.01 in. (1 mm.) or more														
				°C.	°C.			°C.	°C.	°C.	°C.						°C.	°C.												in.	%	in.
G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.													hr	%				
4 MIDLAND COUNTIES—cont.																																
Yorks.	Ilkley	9 9	315	6.8	0.9	3.9	+0.7	11.1	24	-6.7	2	-	-	4.05	101	.48	10	19	19	2	4	0	2	0	1	9	-	0	1.14	97		
W. Riding—	Sheffield	9 9	429	7.3	2.1	4.7	+0.7	12.2	24	-3.3	2	2.4	5.2	3.58	118	.52	11	20	17	1	5	0	0	0	-	6	24	0	2.16	183		
cont.	Wakefield	9 9	121	7.6	0.9	4.3	+0.6	13.3	24	-6.7	2	3.2	5.4	1.60	63	.21	13	19	12	1	5	0	1	1	6	7	20	4	-	-		
	Pontefract	9 9	255	7.1	1.4	4.3	+0.7	12.8	24	-5.0	2,29	-	-	1.59	74	.30	30	19	13	0	5	0	0	0	7	7	12	0	-	-		
	Bramham	9 9	177	7.0	0.7	3.9	-	14.4	24	-7.2	2	-	-	2.24	-	.37	30	21	13	1	5	1	0	1	2	8	21	0	2.03	-		
	Cawood	9 9	20	7.1	0.6	3.9	-	12.8	24	-10.0	2	2.3	4.3	1.67	72	.28	30	16	14	0	4	0	0	0	1	10	20	0	1.94	-		
	Askham Bryan	9 9	110	7.2	0.7	3.9	-	12.8	24	-7.2	2,3	-	-	1.90	77	.36	30	18	14	1	5	0	0	0	3	10	26	0	2.04	-		
Derby	Buxton	9 9	1007	5.2	0.1	2.7	+0.4	9.4	24	-8.3	3	1.8	3.5	5.84	106	.80	11	24	19	3	6	1	1	0	6	11	18	0	-	-		
	Chapel en le Frith	9 9	732	6.1	-0.2	2.9	-	10.6	24	-12.2	2	-	-	5.03	-	.62	11	22	18	3	5	0	2	1	4	12	28	2	-	-		
	Mackworth	9 9	293	6.9	0.3	3.6	-	11.1	24	-10.0	3	-	-	2.29	-	.42	21	19	13	1	5	0	0	0	5	9	23	1	-	-		
	Belper	9 9	203	7.4	0.9	4.3	+0.6	12.2	24	-5.0	4	-	-	2.66	94	.48	21	15	14	0	0	0	0	0	12	-	0	-	-	-		
	Derby	9 9	159	7.7	1.2	4.5	-	12.2	24	-11.7	3	-	-	1.62	-	.34	21	18	11	1	4	0	0	0	5	8	23	0	1.73	-		
	Morley	9 9	350	6.7	0.6	3.7	-	11.1	24	-7.2	3,4	-	-	2.53	-	.47	21	16	13	1	5	0	0	0	-	10	27	1	2.28	- S		
	Chesterfield	9 9	298	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Nottingham	Sutton Bonington	9 9	157	-	0.4	-	-	-	-	-13.3	3	3.2	5.0	2.07	95	.27	30	15	12	1	5	0	0	0	4	9	17	3	2.32	176		
	Watnall	21-9	385	6.7	1.3	4.0	-	11.5	24	-7.1	3	-	-	2.68	100	.40	21	19	13	3	6	0	0	0	6	7	18	0	2.34	- S		
	Mansfield	9 9	362	6.7	1.4	4.1	+0.8	11.1	24	-5.6	3	2.6	-	3.01	113	.43	30	21	15	0	7	0	0	0	6	9	16	0	-	-		
	Nottingham	9 9	192	7.5	0.9	4.2	+0.3	11.7	24	-8.9	3	2.2	3.8	2.11	92	.35	30	17	10	0	5	0	0	0	7	9	12	0	1.82	146		
	Warsop (Gleadthorpe)	9 9	150	6.9	0.0	3.5	-	12.2	24	-11.7	3	-	-	2.14	100	.36	30	19	14	3	6	0	0	0	4	12	23	0	2.26	-		
	Finningley	21-9	34	7.1	1.6	4.3	-	13.2	24	-7.9	3	-	-	1.78	-	.29	30	17	13	2	5	0	1	0	5	8	15	0	2.31	- S		
Leicester	Newtown Linford	9 9	392	6.7	0.2	3.5	-	11.7	24	-10.6	3	-	-	2.31	-	.40	30	19	14	0	7	0	1	0	5	9	22	0	2.51	-		
	Caldecott	9 9	175	7.4	0.3	3.9	-	12.2	24	-13.9	3	-	-	1.99	-	.38	30	13	12	-	5	-	-	-	3	11	26	-	2.19	-		
Northampton	Raunds	9 9	193	7.0	0.1	3.5	-	12.2	24	-12.8	3	2.5	6.1	2.40	116	.35	30	17	14	-	5	-	-	-	3	10	18	-	-	-		
	Wittering	21-9	212	6.7	1.6	4.1	-	12.1	24	-7.2	1	-	-	1.65	-	.31	30	12	12	3	5	1	1	0	3	8	18	3	2.77	-		
Warwick	Birmingham K.E.S.	9 9	450	6.9	1.4	4.1	-	11.1	24,26	-7.8	3	-	-	2.21	-	.40	15	16	14	0	5	0	0	0	1	9	-	0	-	-		
	Birmingham	21-9	536	6.4	2.2	4.3	+0.5	11.3	24	-5.9	3	4.7	6.9	2.84	95	.45	15	20	14	1	6	1	0	0	3	6	9	1	2.09	157		
	Luddington	9 9	138	7.3	0.4	3.9	-	11.7	21,24	-13.9	3	-	-	2.23	104	.27	21	18	12	0	5	0	0	0	4	9	17	1	2.06	-		
	Stratford on Avon	9 9	160	7.2	0.2	3.7	-	12.2	24	-14.4	2	3.1	-	2.25	-	.30	21	19	13	2	6	0	0	2	3	13	25	2	2.29	-		
	Birmingham Airport	21-9	319	6.6	1.3	3.9	-	12.2	24	-16.0	3	-	-	2.54	101	.44	15	19	12	2	7	0	0	0	5	7	9	2	1.94	-		
	Shipston on Stour	9 9	365	7.0	0.1	3.5	-	11.7	24	-14.4	3	3.5	-	2.83	-	.50	15	17	13	3	6	1	0	0	4	10	22	-	2.42	- S		
	Wellesbourne	9 9	153	7.0	0.0	3.5	-	12.2	24	-16.1	2	2.8	4.5	2.05	89	.27	9	16	12	0	5	0	0	0	5	9	20	1	2.02	-		
	Moreton Morrell	9 9	280	7.2	0.8	4.0	-	11.7	24	-12.2	3	-	-	2.21	-	.32	9,15	19	11	2	7	0	0	0	6	8	25	6	1.93	- S		
	Coventry	9 9	338	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Rugby	9 9	385	6.4	0.4	3.4	-	11.1	24	-12.2	3	2.2	5.1	2.63	-	.29	9	19	13	1	7	0	2	0	-	10	21	4	-	-		
Oxford	Oxford	9 9	208	7.5	1.6	4.5	+0.3	12.8	24	-10.0	2	3.1	4.9	3.73	158	.67	21	18	14	2	7	0	2	0	6	8	23	1	2.26	133		
Buckingham	Aylesbury	9 9	316	7.2	1.0	4.1	-	12.2	24	-11.7	1	-	-	3.35	-	.62	21	19	16	3	6	1	0	0	5	9	19	1	2.18	-		
Stafford	Keele	9 9	587	6.6	0.6	3.6	-	11.1	24	-7.8	2	2.3	5.0	2.55	86	.40	20	17	15	3	5	0	1	0	5	10	24	0	2.16	-		
	Oaken	9 9	409	6.7	0.4	3.5	+0.2	11.1	24	-8.3	2,3	3.0	-	2.74	-	.42	21	19	13	-	-	-	-	-	-	9	26	-	-	-		
	Stone	9 9	350	6.8	0.1	3.5	-	11.7	24	-8.3	2,3,4	-	-	2.81	-	.42	21	17	14	1	5	0	0	0	4	9	27	0	1.79	- S		
	Penkridge	9 9	330	6.5	0.1	3.3	-	11.7	24	-11.7	2,3	-	-	2.54	-	.60	7	15	15	0	5	0	0	0	5	10	25	2	-	-		
	Onecote	9 9	1350	4.6	-0.6	2.0	-	8.9	24	-7.8	1	1.2	4.1	3.34	-	.43	21	15	15	0	4	0	0	0	9	22	-	0	1.98	-		
Shropshire	Oswestry	9 9	570	7.3	1.5	4.4	-	11.1	20,24	-7.8	2	-	-	3.92	-	.51	10	19	16	3	6	3	0	1	1	7	25	0	2.15	-		
	Church Stretton	-	582	-	-	-	-	-	-	-	-	-	-	3.74	105	.45	10	23	17	-	-	-	-	-	-	-	-	-	-	-		
	Shrewsbury	9 9	184	7.7	1.3	4.5	-	12.8	24	-12.8	2	3.9	6.3	2.57	108	.48	15	19	14	0	6	3	0	0	5	7	17	6	2.32	-		
	Shawbury	21-9	235	7.0	1.2	4.1	-	12.2	24	-14.6	2	-	-	2.61	107	.43	16	18	12	2	6	1	0	0	4	10	19	0	2.16	- S		
	Newport	9 9	211	6.9	0.1	3.5	-	12.2	24	-12.2	2	-	-	2.50	106	.38	21	20	14	3	6	5	0	0	3	10	27	4	2.00	- S		
Worcester	Malvern	9 9	203	7.7	1.9	4.8	+0.7																									



TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER JANUARY 1962

DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)		WEATHER												BRIGHT SUNSHINE				
			Means of		Mean Temperature Mean of A and B	Difference from Average	Highest Maximum and Lowest Minimum				Earth Temperature		Total Fall	Per-centage of Average	Most in a day		Precip'n			Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. °C. or less	Gale	Daily Mean	Per-centage of Average	
			A	B			Maximum	Date	Minimum	Date	1 ft.	4 ft.			Amount	Date	-0.1in. (0.2mm.) or more	-0.1in. (1.6mm.) or more	0.1in. (2.5mm.) or more												
			Max.	Min.			Max.	Date	Min.	Date	1 ft.	4 ft.			Amount	Date	in.	%	in.												in.
G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.														hr	%		
5 ENGLAND, S.E.—cont.																															
	Surrey —cont.																														
Mickleham ...	9 9	179	7.6	0.3	3.9	-	12.8	26	-12.2	2	-	-	4.13	135	.81	21	18	15	2	7	0	0	0	2	13	23	1	-	-	-	
Kew Observatory §§	21-9	18	7.4	3.3	5.3	+0.5	12.3	26	-7.0	1	4.3	6.4	2.82	107	.81	21	18	15	3	4	0	0	0	2	6	16	1	2.13	154	-	
London (Gatwick) §	21-9	192	7.2	0.9	4.1	-	12.6	26	-13.4	1	-	-	4.14	-	.94	21	19	15	1	6	1	0	0	2	16	17	5	1.93	-	-	
Airport	9 9	220	8.0	1.9	4.9	+0.4	12.8	24, 26	-5.6	1, 2	-	-	3.58	139	.75	21	17	15	-	-	-	-	-	-	8	-	-	-	-	-	
Croydon (Waddon)	9 9	474	6.9	1.8	4.3	+0.6	11.7	26	-6.1	1	-	-	4.02	149	.80	10	21	14	-	-	-	-	-	3	7	-	-	-	-	-	
Kent																															
Bromley ...	9 9	213	7.9	2.0	4.9	+0.6	12.8	26	-7.8	3	-	-	3.20	142	.60	21	18	16	-	5	-	-	-	-	4	9	-	-	-	-	
Swanley ...	9 9	177	7.8	1.6	4.7	-	12.8	26	-9.4	2	4.6	-	2.73	-	.55	21	17	15	2	6	0	0	0	1	9	14	1	1.81	-	-	
Dartford ...	9 9	17	8.3	1.7	5.0	-	12.8	26	-9.4	2	-	-	2.31	118	.47	21	16	14	2	6	0	0	1	0	9	-	-	-	-	-	
Tunbridge Wells	9 9	351	7.2	0.2	3.7	+0.1	11.7	26	-11.7	1	3.4	4.9	4.25	141	.84	21	19	16	1	4	0	0	0	2	14	18	2	2.12	121	-	
Goudhurst ...	9 9	280	7.5	1.2	4.3	-	12.8	26	-7.2	30	-	-	3.85	113	.74	10	19	16	1	6	1	0	0	1	11	18	1	-	-	-	
East Malling §§	9 9	122	8.1	1.1	4.6	+0.8	12.8	26	-11.7	1	-	5.5	2.44	98	.61	21	18	13	2	6	0	0	0	2	12	20	1	2.11	140	-	
Benenden ...	9 9	195	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Gillingham ...	9 9	14	8.3	2.4	5.3	-	13.3	26	-5.0	1, 30	-	-	1.99	-	.56	21	13	10	2	4	0	0	0	3	8	-	0	2.02	-	-	
Sittingbourne ...	9 9	224	7.4	1.7	4.7	-	12.8	26	-7.8	2	4.4	6.2	2.66	-	.80	21	15	10	1	5	0	0	0	2	9	17	2	2.44	-	-	
Isle of Grain ...	9 9	9	8.2	3.2	5.7	-	12.8	26	-6.1	1	-	-	.96	-	.26	21	11	7	1	3	0	0	0	0	5	11	0	2.01	-	-	
Faversham ...	9 9	157	7.5	2.0	4.7	-	12.8	26	-6.7	1, 2	4.8	5.8	2.54	-	.50	21	15	13	1	4	0	0	0	2	7	19	1	2.31	-	-	
Dungeness ...	21-9	10	7.6	2.9	5.3	-	10.0	10, 21, 24	-7.5	2	-	-	2.22	114	.51	21	18	12	1	2	0	0	0	3	7	-	6	-	-	-	
Wye ...	9 9	185	7.6	1.6	4.6	+0.9	12.8	26	-7.8	1	-	-	3.03	101	.41	11	19	13	1	3	0	1	0	2	8	19	4	2.22	131	-	
Whitstable ...	9 9	9	7.9	2.6	5.3	-	11.7	19, 20, 26	-5.6	30	-	-	1.86	96	.33	21	14	9	0	3	0	0	0	0	6	-	1	2.15	-	-	
Folkestone ...	9 9	128	7.8	2.8	5.3	-	12.8	26	-5.6	1	-	-	2.58	101	.49	31	20	12	1	3	0	0	1	1	7	16	1	2.40	-	-	
Wingham (Elmstone)	9 9	28	7.8	1.2	4.5	-	12.8	26	-8.9	1	-	-	2.26	-	.40	21	15	10	-	3	-	-	-	1	10	13	-	-	-	-	
Herne Bay ...	9 9	21	8.0	3.0	5.5	-	12.2	19	-5.6	1	-	-	1.70	82	.35	21	16	9	1	4	0	0	0	1	6	-	0	2.07	-	-	
Dover ...	9 9	19	7.9	3.2	5.5	+0.7	12.8	26	-5.0	1	5.7	7.2	2.95	106	.45	31	19	13	1	3	0	0	0	1	5	8	0	2.12	-	-	
Dover R.M.S. ...	9 9	402	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Deal ...	21-9	18	7.7	4.1	5.9	-	13.0	26	-4.0	1	-	-	2.79	-	.65	21	16	9	0	3	0	0	0	3	5	6	0	-	-	-	
Manston ...	21-9	145	7.4	2.4	4.7	-	12.1	26	-7.5	1	-	-	1.51	-	.24	21	14	7	1	3	0	1	0	3	8	13	4	-	-	-	
Ramsgate ...	9 9	80	8.1	3.2	5.7	-	12.2	19, 26	-5.0	1	-	-	1.98	98	.38	21	16	10	1	3	0	0	0	3	5	-	-	2.23	125	-	
Margate ...	9 9	51	7.8	3.2	5.5	+0.5	11.7	19	-5.0	1	5.1	7.1	1.82	98	.31	31	15	11	1	2	0	0	0	3	4	10	2	2.14	122	-	
Sussex																															
Thorney Island	21-9	10	7.5	3.1	5.3	-	11.4	26	-9.2	1	-	-	3.58	120	.67	10	19	15	1	3	0	2	0	1	7	14	2	1.59	-	-	
Bognor Regis ...	9 9	24	7.5	3.2	5.3	+0.3	10.0	19, 23, 26	-6.7	1	-	7.2	3.00	95	.60	10	20	15	1	3	0	0	0	0	0	6	14	1	2.06	96	-
Littlehampton ...	9 9	15	7.8	2.3	5.1	+0.3	10.6	19, 20, 26	-7.8	1	-	6.3	3.19	106	.70	10	19	16	1	1	0	0	0	0	0	9	-	1	1.87	87	-
Rustington ...	9 9	10	7.8	1.4	4.6	-	11.1	26	-11.7	1	-	6.1	2.94	-	.64	10	19	15	-	3	-	-	-	0	12	20	-	1.75	-	-	
Worthing ...	9 9	25	7.6	2.8	5.2	+0.3	10.6	18	-7.8	1	4.9	6.9	3.24	110	.67	10	20	15	1	3	0	1	0	0	7	19	1	2.08	96	-	
Brighton ...	9 9	32	7.7	3.3	5.5	-	10.6	25	-6.1	1	-	6.8	3.38	120	.63	10	18	14	1	4	0	0	0	4	7	13	7	1.98	-	-	
East Grinstead ...	9 9	400	7.5	0.8	4.1	-	12.2	26	-11.1	3	3.7	-	4.29	-	.81	21	17	14	2	7	0	0	0	0	13	17	2	-	-	-	
Seaford ...	9 9	45	7.6	3.2	5.4	-	10.0	10, 19, 24	-7.2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	3	7	-	2.02	-	-		
Eastbourne ...	9 9	23	7.8	3.4	5.6	+0.4	11.1	20	-6.1	1	5.8	8.4	3.53	109	.58	10	18	16	1	-	0	0	0	0	6	13	4	2.38	120	-	
Eastbourne (C/guard)	21-9	17	7.7	3.5	5.6	-	11.0	20	-6.5	1	-	-	3.59	-	.61	10	18	16	1	3	0	0	0	0	7	11	3	-	-	-	
Bexhill ...	9 9	12	8.0	2.8	5.4	+0.6	10.6	19, 23, 26	-8.3	1	5.9	-	3.67	129	.67	10	18	17	1	3	0	0	0	3	7	13	1	2.32	-	-	
Sedlescombe ...	9 9	188	7.4	1.7	4.5	-	11.1	26	-8.3	1	-	-	4.38	-	.77	10	19	16	1	4	2	0	1	2	9	20	3	-	-	-	
Bodiam ...	9 9	73	8.1	1.1	4.6	-	12.2	26	-11.7	1	4.6	6.7	4.60	-	.91	10	18	16	-	4	-	-	-	2	12	20	-	2.26	-	-	
Hastings ... §§	9 9	149	7.6	3.1	5.3	+0.4	11.1	26	-5.6	1	4.6	6.8	3.11	109	.53	10	20	16	1	3	0	0	0	3	16	14	4	2.37	117	-	
Berkshire																															



TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER JANUARY 1962

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)		WEATHER Number of days										BRIGHT SUNSHINE				
				Means of		Difference from Average	Highest Maximum and Lowest Minimum				Total Fall			Per-centage of Average	Most in a day	Precip'n		Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. O.C. or less	Gale	Daily Mean	Per-centage of Average		
				A	B		Maximum	Date	Minimum	Date	1 ft.	4 ft.	Amount	Date	-0.1in. (0.2mm.) or more	-0.1in. (1.0mm.) or more														
				Max. Min.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.											hr	%		
7a ENGLAND, N.W.																														
Cumberland	Sellafield ...	99 43	6.9	2.2	4.5	-	8.9	20	-8.3	2	-	-	5.70	134	.82	15	23	21	-	3	-	-	-	0	7	14	-	2.01	-	
	Carlisle ...	21-9 86	6.4	1.5	3.9	-	10.4	24	-12.8	2	-	-	4.76	-	.50	15, 20	21	19	4	4	2	4	1	2	8	14	1	2.05	-	
	Newton Rigg	99 560	6.5	-0.1	3.2	+0.3	10.6	25	-13.9	2	1.7	-	6.51	165	.95	15	23	19	-	4	-	-	-	0	8	24	4	-	-	
	Spadeadam ...	99 900	4.9	-0.5	2.2	-	8.3	25, 31	-12.8	1	1.4	3.2	7.18	-	1.19	30	23	19	8	4	1	4	1	4	14	26	4	1.38	-	
Westmorland	Ambleside ...	99 151	6.7	0.3	3.5	-	9.4	25, 31	-12.8	1	-	-	12.82	139	1.76	15	23	22	0	5	2	1	1	0	11	-	0	1.12	-	
	Great Dun Fell ...	- 2780	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.56	-	
	Moor House ...	99 1825	2.9	-2.2	0.3	-	6.7	25	-13.3	1, 2	0.6	-	15.80	-	1.77	10	24	23	12	17	1	0	1	6	27	28	11	1.06	-	
	Barrow-in-Furness	99 55	6.8	1.9	4.3	-	9.4	24	-7.8	2	4.0	-	4.93	-	.80	30	21	19	-	3	-	-	-	6	7	-	-	-	-	
Lancashire	Squires Gate ...	21-9 33	6.4	2.0	4.2	-	10.4	24	-11.5	2	-	-	3.28	103	.40	15	20	13	1	4	1	1	0	5	6	12	8	2.04	-	
	Urswick ...	99 130	6.9	0.4	3.7	-	9.4	24	-13.3	1	-	-	5.68	-	1.24	30	19	18	0	5	0	0	0	4	8	-	4	-	-	
	Poulton-le-Fylde	99 38	7.2	0.9	4.1	-	11.1	24, 25	-11.1	1, 2	-	-	4.22	-	.54	30	23	19	0	5	0	0	0	1	6	-	2	-	-	
	Grizedale ...	99 300	6.7	0.0	3.3	-	9.4	23, 24, 25	-13.3	1	2.7	-	11.92	-	1.67	15	21	20	0	6	0	1	1	0	11	29	1	-	-	
	Liverpool Airport	21-9 80	7.2	2.7	4.9	-	11.6	23	-7.8	2	-	-	2.72	96	.61	20	19	16	3	5	0	1	0	6	6	9	3	1.86	-	
	Kirkham ...	99 78	7.2	1.2	4.2	-	11.1	24	-11.7	2	-	-	4.09	114	.57	15	20	19	1	4	2	0	0	2	6	17	0	1.96	-	
	Garstang ...	99 68	6.9	1.0	3.9	-	10.6	24	-10.0	2	-	-	5.29	-	.82	30	22	20	-	3	-	-	-	1	9	18	-	1.84	-	
	Morecambe ...	99 24	7.2	1.8	4.5	+0.4	10.6	6	-6.7	1, 2	-	-	5.27	137	.98	30	21	18	0	4	0	0	0	1	7	-	0	1.52	105	
	Preston (Moor Pk.)	99 108	7.3	1.6	4.5	-	11.1	24	-10.6	2	-	-	4.10	108	.45	15	20	19	4	2	0	6	3	6	13	2	-	-	-	
	Bolton ...	99 352	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Darwen ...	99 724	5.7	0.6	3.1	0.0	9.4	24	-6.1	1, 2	-	4.0	6.48	112	.59	13	26	23	1	4	0	0	0	0	12	-	0	-	-	
	Stonyhurst	99 377	6.4	0.7	3.5	+0.1	10.0	24	-10.6	2	-	-	5.68	115	.88	13	21	20	-	5	-	-	-	2	7	10	-	1.45	116	
	Manchester Weather Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.33	-	
	Helmshore ...	99 854	5.4	0.7	3.1	-	8.9	24, 25	-6.7	1	2.5	-	7.93	-	1.06	13	23	20	-	6	-	-	-	5	10	22	-	1.52	-	
	Manchester (Smokeless Zone)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.96	-
Cheshire	Burnley ...	99 655	6.1	0.4	3.3	-	10.0	24	-10.0	2	3.5	(5.4)	5.91	-	.85	13	22	18	1	5	2	0	0	2	9	26	0	1.26	-	
	Nelson ...	99 540	6.1	0.6	3.3	-	10.0	24	-11.1	1, 2	2.2	4.7	5.57	119	.92	13	22	20	-	5	-	-	-	4	7	12	-	0.57	-	
	Rochdale ...	99 362	6.6	0.5	3.5	-	11.1	24	-12.2	2	-	-	5.07	-	.64	13	23	20	0	5	0	0	1	6	10	19	3	0.72	-	
	West Kirby Park	99 25	2.2	-	-	-	-	-	-7.8	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	2.10	-	
	Bidston Obs'y.	99 198	7.5	2.9	5.2	+0.8	11.7	24	-3.3	1	-	-	2.14	84	.36	20	19	16	-	-	-	-	-	4	5	7	-	2.26	141	
	Northwich (Winnington)	99 65	7.6	1.7	4.7	-	11.7	24	-10.6	2	-	-	2.40	82	.40	15	18	15	0	3	0	0	0	6	7	17	7	-	-	
	Knutsford ...	99 212	7.0	0.6	3.8	-	12.2	24	-10.6	2	2.3	4.5	3.08	-	.39	20	19	17	-	4	-	-	-	3	9	29	-	-	-	
	Manchester Airport	21-9 248	6.6	1.8	4.2	+0.5	11.7	24	-10.0	2	-	-	2.63	88	.36	20	20	16	1	3	0	0	0	5	7	13	0	2.03	201	
Macclesfield ...	99 500	6.3	0.9	3.6	+0.4	10.6	24	-8.9	2	-	-	3.33	99	.50	21	18	17	3	5	2	0	0	5	7	-	7	-	-	-	
7b NORTH WALES																														
Flint	Rhyl ...	99 31	8.3	2.3	5.3	0.0	11.7	10, 24	-9.4	2	-	-	3.05	121	.47	15	20	14	3	5	0	2	0	1	6	9	5	1.92	114	
	Prestatyn ...	99 12	8.6	2.8	5.7	-	11.7	10, 23, 25	-7.2	2	-	-	2.45	90	.36	15	19	18	0	4	0	0	0	0	5	-	1	-	-	-
Anglesey	Hawarden Bridge	99 17	8.2	0.8	4.5	0.0	12.2	24	-12.8	2	-	-	1.86	77	.29	20	17	14	1	4	0	1	0	2	10	-	1	-	-	-
	Holyhead (Valley)	21-9 26	7.6	3.8	5.7	-0.4	10.2	24	-8.2	2	-	-	4.20	117	.64	15	20	16	1	4	3	0	1	1	5	6	5	2.06	116	
Denbigh	Alwen ...	99 1100	6.0	-0.9	2.5	-	9.4	10, 23	-16.7	3	-	-	7.98	-	1.39	15	23	18	-	-	-	-	-	14	20	-	-	-	-	
	Ruthin ...	99 248	7.8	1.0	4.4	-	11.7	24	-12.2	2	-	-	3.78	-	.56	10	18	15	-	6	-	-	-	0	8	-	-	-	-	
Caernarvon	Loggerheads ...	99 690	6.8	-0.2	3.3	-	10.6	10, 24, 25	-15.0	2	2.2	4.3	3.09	-	.45	10	19	15	6	6	0	1	0	1	10	17	5	-	-	-
	Bwlchgwyn ...	99 1267	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Wrexham ...	99 275	7.9	1.4	4.7	-	12.8	24	-11.7	3	2.8	4.7	3.35	-	.88	15	18	15	2	5	0	1	1	4	6	28	0	-	-	-
	Bardsey Island ...	21-9 60	8.2	3.5	5.9	-	10.5	6, 7	-1.5	2	-	-	4.23	-	.65	15	19	17	-	-	-	-	-	0	2	2	-	-	-	-
	Botwnnog ...	99 112	8.4	3.1	5.7	-	10.6	7, 24, 28	-7.8	2	4.5	6.2	4.73	-	.66	15	20	20	1	4	0	4	2	1	4	8	4	2.39	-	
	Bryn Adda ...	99 275	-	2.5	-	-	-	-	-5.6	1, 2	-	-	6.15	-	.75	15	21	20	1	5	0	2	2	0	5	15	5	1.59	-	
Merioneth	Cwm Dyli ...	99 324	7.7	2.1	4.9	-	11.1	25	-11.7	2, 3	4.5	-	17.31	-	1.85	15	24	21	-	5	-	-	-	0	5	13	-	-	-	-
	Aber ...	99 60	9.1	3.3	6.2	+0.1	12.8	10	-5.0	1	-	-	6.59	151	1.33	15	21	18	2	5	2	0	1	1	5	9	2	0.83	83 S	
	Llandudno	99 13	8.7	3.3	6.0	+0.1	12.8	10	-10.6	2	-	-	3.27	111	.45	15	19	17	4	4	4	0	1	0	3	-	5	1.98	119	
	Llyn Stwlun ...	99 1656	4.4	0.2	2.3	-	7.8	10	-6.1	1	-	-	13.82	-	1.69	31	23	20	-	8	-	-	-	17	20	-	-	-	-	
	Trawsfynydd ...	99 611	7.5	1.9	4.7	-	11.1	10	-8.9	2	-	-	10.73	-	1.48	15	19	19	-	5	-	-	-	0	6	11	-	-	-	-
	Blaenau Ffestiniog	99 750	7.1	2.6	4.9	-	10.0	10	-6.7	1	-	-	11.54	-	1.25	31	23	19	3	6	0	1	1	2	4	-	0	0.86	-	
Montgomery	Corwen ...	99 473	7.4	-0.7	3.3	-	11.1	10, 21, 23	-21.1	2	-	-	6.82	-	1.66	15	24	19	4	5	1	0	0	10	25					



TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER JANUARY 1962

DISTRICT, COUNTY AND PLACE			Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)		WEATHER										BRIGHT SUNSHINE				
					Means of				Highest Maximum and Lowest Minimum						Total Fall		Percentage of Average		Most in a day		Precip'n		Number of days								
					A Max.	B Min.	Mean of A and B	Difference from Average	Maximum	Date	Minimum	Date	1 ft.	4 ft.	Total Fall	Percentage of Average	Amount	Date	0.01 in. (0.2mm.) or more	0.04 in. (1.0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Gross min. °C. or less	Gale	Daily Mean	Percentage of Average
8b ENGLAND, S.W.			G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.											hr	%			
Somerset	Hawkrig (Liscombe)	99	1030	6.6	1.4	4.0	-	9.4	10,19,27	-6.7	1	-	9.57	-	1.04	18	29	25	-	0	-	-	-	2	10	18	-	-			
	Cannington	99	95	8.6	2.7	5.7	-	12.2	20,24	-6.7	1	4.8	4.11	142	.70	9	24	17	0	0	0	4	1	0	6	15	5	1.91			
	Weston-s-Mare	99	28	7.8	2.4	5.1	-	11.1	24	-6.7	1,2	-	4.60	152	.73	9	25	18	0	3	3	0	1	9	6	-	3	2.04			
	Long Ashton	99	162	8.2	1.8	5.0	+0.3	12.8	9	-11.1	1	4.7	5.14	149	.72	9	24	16	0	4	0	1	1	4	7	18	2	1.86			
	Bath (City)	99	162	7.2	1.5	4.3	-	11.1	20,23,24	-8.3	1	-	5.15	-	.70	21	18	17	1	3	0	0	0	3	10	-	1	-			
Dorset	Boys' School	99	388	7.2	1.5	4.3	-	11.1	20,23,24	-8.3	1	-	5.15	-	.70	21	18	17	1	3	0	0	0	3	10	-	1	-			
	Bath	99	67	7.9	1.7	4.8	0.0	12.8	24	-11.7	1	3.4	5.21	175	.75	21	22	16	0	3	1	0	0	3	9	19	0	1.59			
	Portland Bill	21-9	35	8.2	5.5	6.9	+0.3	10.4	11,24	-1.8	1	-	4.06	140	.77	21	18	18	1	1	0	0	0	0	3	-	10	-			
	Weymouth	99	16	8.7	4.3	6.5	+0.6	11.7	7,25,26	-3.3	2,3	-	5.08	159	1.39	21	21	18	-	1	-	-	-	1	4	-	-	1.89			
	Shaftesbury	99	680	6.6	0.9	3.7	-0.1	10.0	10,23,26	-7.2	2	-	4.55	132	.59	15	22	18	-	6	-	-	-	6	12	-	-	93			
Devon	Swanage	99	37	9.0	3.8	6.4	-	12.2	26	-4.4	1	7.7	5.12	-	.77	21	19	18	0	-	0	0	0	2	5	6	4	1.54			
	Poole	99	18	-	-	-	-	-	-	-7.2	1	-	5.52	-	.90	21	(20)	17	-	-	-	-	-	-	-	-	-	-	-		
	Clayton	99	412	8.5	2.3	5.4	-	11.1	7,20,24	-10.0	2	-	7.47	-	.90	9	23	22	0	0	5	0	1	1	5	-	5	-	-		
	Hartland Pt.	21-9	298	8.0	5.2	6.6	-	11.0	15	-1.4	1	-	3.82	-	.51	9	21	21	0	0	7	0	3	5	2	3	12	1.58			
	Plymouth (Mt. Batten)	21-9	87	9.0	4.8	6.9	+0.3	11.5	27	-4.4	1	-	5.81	134	.73	21	23	18	2	2	6	1	1	0	4	7	6	1.83			
Cornwall	Plymouth (The Hoe)	99	119	9.4	4.4	6.9	+0.5	12.2	15,27	-2.8	1,2	6.2	7.9	5.28	123	.66	10,21	25	19	1	1	3	0	1	0	4	-	4	1.83		
	Chivenor	21-9	20	8.8	4.4	6.6	-	12.3	24	-5.5	3	-	4.48	-	.82	9	25	18	0	0	3	2	1	2	3	10	5	1.81			
	Ilfracombe	99	25	9.1	4.7	6.9	+0.2	11.7	10,20,24	-1.7	2	5.3	7.4	5.86	143	.63	10	24	21	0	0	0	2	1	0	4	5	2	1.44		
	Totnes	99	120	9.3	2.5	5.9	-	13.9	27	-6.7	1,2	6.2	8.1	8.47	151	1.36	10	24	20	1	3	2	3	0	0	7	14	4	1.71		
	Slapton	99	104	9.0	4.1	6.5	-	11.7	7	-3.3	1	-	6.94	-	1.05	21	23	18	1	0	0	0	1	0	4	6	2	-	-		
Somerset	Newton Abbot	99	272	9.2	3.1	6.1	+0.6	13.3	26,27	-4.4	2	-	6.50	138	1.05	10	20	16	2	0	0	3	0	5	17	4	1.96	103			
	Paignton	99	8	9.6	3.4	6.5	-	13.3	27	-5.0	1	-	5.93	131	.96	10	21	17	1	3	0	0	0	0	4	10	1	1.78	96		
	Torquay	99	26	9.6	4.2	6.9	+0.6	13.3	27	-3.3	1	7.5	5.46	133	.92	21	21	15	1	2	1	2	0	0	4	12	6	2.01	104		
	Teignmouth	99	20	9.6	4.6	7.1	+0.6	13.3	27	-2.8	1,2	-	4.32	114	.69	21	21	14	1	0	0	2	0	0	3	7	4	1.87	95		
	Starcross	99	29	9.4	3.4	6.4	-	13.3	26	-5.0	2	5.1	4.54	-	.76	21	20	17	0	0	0	1	0	1	4	16	2	1.96	-		
Devon	Exeter (Southam)	99	160	9.1	2.5	5.8	-	12.8	24,26,27	-5.0	1	-	4.75	-	.90	15	19	17	0	0	1	0	0	3	7	-	-	-	-		
	Exmouth	99	195	8.8	3.5	6.1	+0.4	13.9	26	-4.4	1	-	4.10	115	.68	21	19	16	0	0	1	1	1	0	5	-	4	1.92	101		
	Exeter	21-9	106	8.7	3.6	6.1	-	12.9	24	-5.3	2	-	3.58	95	.58	15	19	15	2	0	0	4	2	0	6	14	3	1.86	-		
	Sidmouth	99	25	9.2	3.4	6.3	+0.5	12.8	6,24,26	-3.3	1	-	3.51	-	.46	11	19	17	-	0	-	-	-	0	5	11	-	2.05	-		
	St. Mary's, Scilly	21-9	158	9.9	6.8	8.3	+0.4	11.8	24	1.6	1	-	4.91	138	.70	10	23	20	0	0	0	5	0	1	0	-	12	1.87	97		
Cornwall	Penzance	99	62	10.0	5.1	7.5	0.0	12.2	24	-4.4	1	-	7.04	141	.89	15	24	22	1	4	8	0	1	0	3	9	5	1.95	105		
	Gulval	99	50	10.1	5.3	7.7	+0.6	12.2	24,27	-2.8	1	-	-	-	-	-	-	-	-	-	-	-	-	0	3	-	-	1.82	100		
	Culdrose	99	268	9.3	4.2	6.7	-	12.2	8	-3.9	2	-	5.55	-	.66	10	23	21	1	3	5	0	1	1	4	8	13	1.75	-		
	Camborne (Rosewarne)	99	250	9.3	4.8	7.1	-	11.7	24	-3.3	1	6.2	7.5	6.47	-	.90	15	25	22	1	1	9	0	3	0	4	6	2	1.75	-	
	Lizard	99	240	9.2	4.9	7.1	-	11.0	11,24	-1.6	2	-	4.60	116	.58	10	22	18	1	-	0	2	2	-	3	-	14	1.72	-		
Devon	Falmouth	99	167	9.7	4.6	7.1	+0.2	12.8	27	-2.8	1,2	-	8.06	155	1.13	10	24	21	0	2	1	2	1	0	4	7	2	1.81	96		
	Newquay	99	176	9.3	4.3	6.8	+0.2	11.7	10,23,24	-5.6	1	-	5.90	155	.86	9	23	20	0	-	0	7	4	-	4	-	4	1.55	85		
	St. Mawgan	21-9	337	8.7	4.6	6.7	-	11.7	24	-5.4	1	-	5.55	-	.78	9	23	21	1	1	6	0	2	2	3	5	6	1.60	-		
	St. Austell	99	310	9.2	4.4	6.8	-	12.2	27	-2.8	1	-	7.87	140	.96	9	26	23	1	2	0	2	0	0	4	-	1	-	-	-	
	Fowey	99	51	9.8	4.3	7.1	+0.3	12.8	27	-2.8	1	-	6.96	-	.77	20	24	21	0	1	0	4	2	-	4	-	2	-	-	-	
Devon	Bude	99	50	9.3	3.9	6.6	+0.3	12.2	24	-6.7	2	4.6	5.28	143	.81	9	24	22	-	0	-	-	-	-	4	-	-	1.84	101		
	Ellbridge	99	190	9.3	3.0	6.1	-	12.2	27	-5.0	1	-	6.90	-	.90	21	25	21	1	0	6	0	2	0	5	13	3	1.96	-	-	
NORTHERN IRELAND																															
Londonderry	Loughmore Forest	99	572	6.3	0.0	3.1	-	10.0	31	-10.6	2	-	4.62	-	.59	15	26	20	2	1	0	0	0	1	16	22	0	-	-		
	Eglinton	99	38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Ballykelly	21-9	3	7.4	-2.3	4.9	-0.2	11.8	31	-6.8	3	-	3.65	107	.72	15	24	19	4	3	9	0	8	0	7	14	2	1.72	115		
	Derrynoyd Forest	99	292	6.7	0.3	3.5	-	10.6	30,31	-6.1	2	-	5.81	-	.75	15	28	23	2	4	0	0	0	0	13	25	0	-	-		
	Somerset Forest	99	142	7.6	0.8	4.2	-	11.7	31	-6.1	1	-	4.62	-	.57	15	24	20	0	0	3	0	0	0	10	23	0	-	-		
Antrim	Garvagh Forest	99	292	7.2	0.8	4.0	-	12.8	31	-6.7	1	-	5.99	-	1.02	15	25	22	5	2	3	0	0	1	11	26	0	-	-		
	Garvagh	99	121	7.1	0.4	3.7	-0.3	11.7	30,31	-8.3	1	2.9	4.58	110	.																



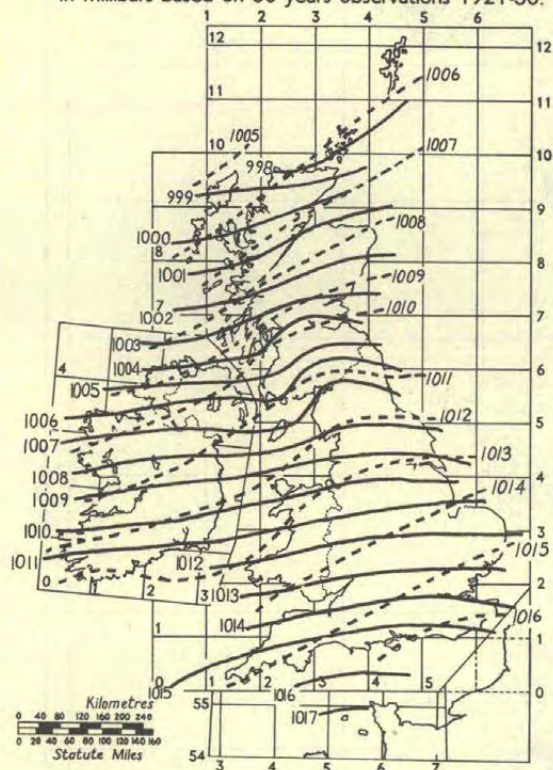
TABLE IV—SUMMARY OF OBSERVATIONS AT FIXED HOURS JANUARY 1962

DISTRICT, COUNTY AND PLACE		Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (OKTAS)		VISIBILITY										WIND, NUMBER OF OBSERVATIONS																						
				At Mean Sea Level	Difference from Average	Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	Mean Amount	No. of Observations					NUMBER OF OBSERVATIONS					FORCE (0-12)						DIRECTION																	
											0	1	2	3	4	5	6	7	8	9	0-44 yd.	45-210 yd.	220-430 yd.	440-1,000 yd.	1,100-2,100 yd.	2,200-4,300 yd.	3-6 mi.	7-12 mi.	13-24 mi.	25 mi. or over	Beaufort Force						N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
																															8 or more	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000												

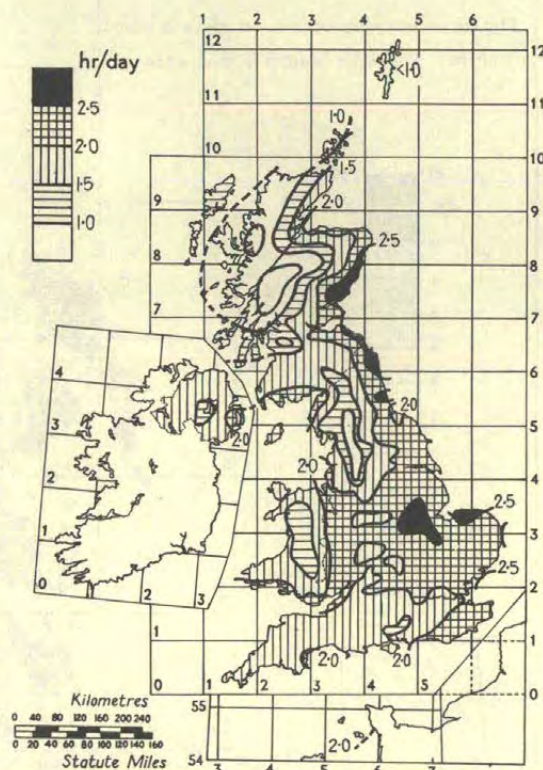


## MEAN PRESSURE AT 9 G.M.T.

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

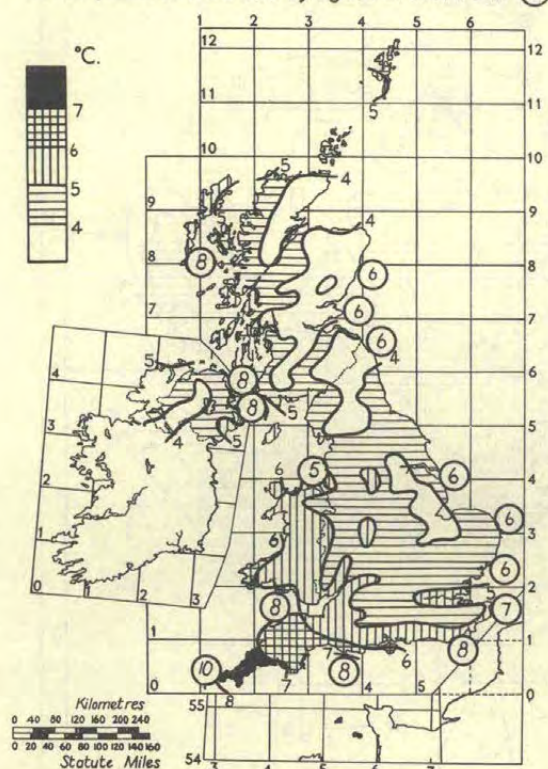


## BRIGHT SUNSHINE

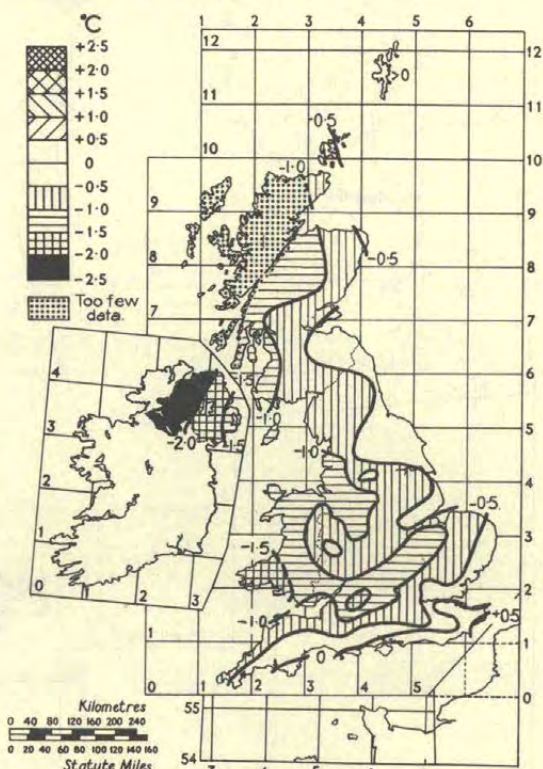


## MEAN AIR TEMPERATURE

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

JANUARY 1962

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

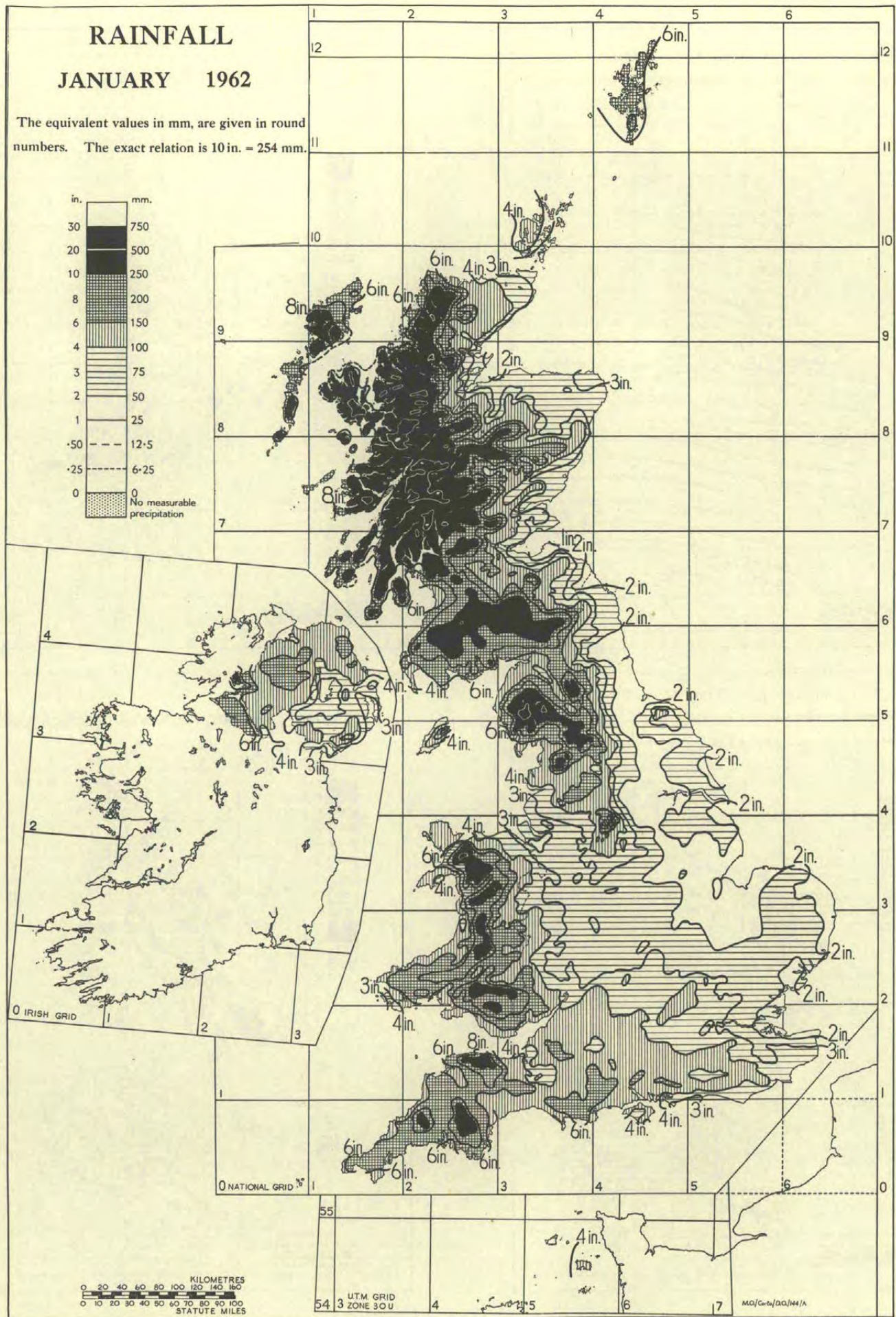
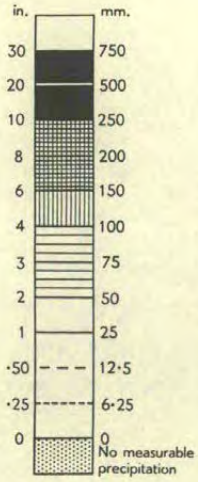




TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS JANUARY 1962

[illegible]



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

1962

DISTRICT, COUNTY AND PLACE	Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (OKTAS)					VISIBILITY							WIND, NUMBER OF OBSERVATIONS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
			At Mean Sea Level	Difference from Average	Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	Mean Amount	No. of Observations					NUMBER OF OBSERVATIONS							FORCE (0-12)					DIRECTION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
										0	1	2	3	4	5	6	7	8	9	0-44 yd.	45-210 yd.	220-430 yd.	440-1,090 yd.	1,100-2,190 yd.	2,200-4,390 yd.	3-6 mi.	7-12 mi.	13-24 mi.	25 mi. or over	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 JANUARY 1962

DISTRICT, COUNTY AND PLACE			Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (OKTAS)		VISIBILITY												WIND, NUMBER OF OBSERVATIONS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS JANUARY 1962

DISTRICT, COUNTY AND PLACE		Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (OKTAS)					VISIBILITY							WIND, NUMBER OF OBSERVATIONS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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TABLE XIII—SOLAR RADIATION AND INTENSITY OF DAYLIGHT, JANUARY

1962

STATION	TOTAL RADIATION ON A HORIZONTAL SURFACE mw. hr./cm <sup>2</sup>						DIFFUSE RADIATION ON A HORIZONTAL SURFACE mw. hr./cm <sup>2</sup>						INTEGRATED ILLUMINATION OF A HORIZONTAL SURFACE kilo lux-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 ... ..	57	26	5	29	25.2	31	45	28	5	29	21.3	31						
Eskdalemuir ... ..	137	28	4	5	46.2	31	54	23	4	5	29.0	31	160	27	6	5	51.2	31
Cambridge ... ..	136	29	24	3,31	73.6	31	89	29	24	3,31	48.2	31	-	-	-	-	-	-
Kingsway ... ..	126	18	16	31	62.9	31	78	30	16	31	43.9	30	136	18	20	31	65.3	31
Kew ... ..	130	14	14	4	66.6	31	75	30	14	4	43.3	31	133	14	22	4	72.1	31
Aberporth ... ..	135	29	23	15	71.4	31	80	22	23	15	51.7	31	-	-	-	-	-	-

TABLE VIII—NUMBER OF DAYS IN JANUARY 1962 WITH MAXIMUM AND MINIMUM TEMPERATURES between given limits.

STATION	MAXIMUM TEMPERATURE °C.										STATION	MAXIMUM TEMPERATURE °C.									
	0° or less	0° to 5°	5° to 10°	10° to 15°	15° to 20°	20° to 25°	25° to 30°	Above 30°	0° or less	0° to 5°		0° or less	0° to 5°	5° to 10°	10° to 15°	15° to 20°	20° to 25°	25° to 30°	Above 30°	0° or less	0° to 5°
Lerwick ... ..	0	10	21	0	0	0	0	0	0	0	1	27	3	0	0	0	0	0	0	0	0
Stornoway ... ..	0	5	26	0	0	0	0	0	0	0	6	20	5	0	0	0	0	0	0	2	4
Craibstone ... ..	0	10	20	1	0	0	0	0	0	1	8	22	0	0	0	0	0	0	0	1	5
Rothsay ... ..	0	4	25	2	0	0	0	0	0	0	4	25	2	0	0	0	0	0	0	2	5
Renfrew ... ..	1	5	24	1	0	0	0	0	0	2	5	20	4	0	0	0	0	0	0	1	2
Eskdalemuir ... ..	1	14	16	0	0	0	0	0	0	1	4	19	1	0	0	0	0	0	0	5	23
Douglas ... ..	0	3	27	1	0	0	0	0	0	0	5	21	5	0	0	0	0	0	0	0	2
Cockle Park ... ..	0	10	20	1	0	0	0	0	0	1	6	24	0	0	0	0	0	0	0	4	12
Gorleston ... ..	1	6	19	5	0	0	0	0	0	0	6	19	6	0	0	0	0	0	0	3	6
Cambridge ... ..	1	6	18	6	0	0	0	0	0	2	3	15	3	0	0	0	0	0	0	3	8
Birmingham ... ..	2	5	23	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4
Kew Observatory ... ..	1	7	16	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3
Hastings ... ..	1	5	24	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5
Southampton ... ..	1	4	14	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5
Stonyhurst ... ..	0	9	22	0	0	0	0	0	0	0	1	2	4	22	2	0	0	0	0	0	0
Bidston Observatory ... ..	0	6	20	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	23
Holyhead (Valley) ... ..	0	4	26	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
Falmouth ... ..	0	4	12	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	12
Aldergrove ... ..	0	11	19	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6
Armagh ... ..	0	5	20	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	8

TABLE IV—ADDITIONS AND CORRECTIONS

MONTH	STATION	Hour of Observation Height of Barometer above Mean Sea Level		MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (OKTAS)		VISIBILITY						WIND, NUMBER OF OBSERVATIONS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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DUPLICATE

# Monthly Weather Report

## OF THE METEOROLOGICAL OFFICE

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

M.O. 722



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Volume 79 Number 2

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### February 1962 — Stormy periods; mostly rather dry; cold later.

Pressure was relatively high to the south-west of the British Isles until the 17th, with depressions from the Atlantic moving east over or to the north of Scotland, but during the next four days the anticyclone moved across southern England to Scandinavia. Thereafter until the end of the month the British Isles was under the influence of a cold easterly airstream which persisted even when the main centre of high pressure moved first to Iceland and later to Greenland.

The month opened with a north-westerly airstream which gave scattered snow showers in the north, but in the south weather was generally fine and sunny. Warm front rain, mainly slight, spread across the country on the 2nd, but on the 3rd a deep depression near Iceland brought widespread and at times heavy rain with hill and coast fog and with snow and gales in the north. A gust of 71 kt was recorded in the Hebrides. The next day was also dull and wet with heavy rain locally as the deepening depression moved east across Scotland. A following ridge gave a generally sunny day on the 5th but the 6th was dull with considerable rain in the north as a pronounced trough crossed the country and this was followed by a day of frequent showers as a polar low moved south-east from west Scotland to the North Sea.

Winds soon backed to the west again behind a ridge which crossed south-west England and the next three days were generally cloudy and mild with slight occasional rain.

An exceptionally stormy period began on the 11th as a very deep depression moved rapidly from Iceland towards southern Norway bringing severe gales to the whole of the northern half of the British Isles and heavy rain to most districts. A gust of 106 kt was recorded at Lowther Hill, Lanarkshire, and there was a fall of nearly  $4\frac{1}{2}$  in. of rain at Kinlochewe with a number of places in Scotland reporting falls in excess of 3 in. The stormy weather continued for another three days. On the 12th there was widespread rain, heavy at times with snow and thunder in the north with gales, severe in the north, veering to the north-west; a gust of 98 kt was recorded at Stornoway. There were frequent snow showers on the 13th and 14th with the north to north-west gales slowly moderating. Milder westerly winds with occasional rain returned the next day but the 16th was another exceptionally stormy day with a very intense depression near southern Scandinavia giving unusually severe gales in central and northern districts. A gust of 103 kt was recorded at Lowther Hill. There was much structural and tile damage on the eastern side of the Pennines and especially at Sheffield where about two-thirds of the houses suffered damage of one sort or another.

The next day was rather cold in a moderating north-westerly airstream but milder air spread in from the Atlantic on the 18th as the anticyclone to the south-west of the British Isles began to move eastwards. Two quiet rather dull days followed and on the 21st the anticyclone became centred over Scandinavia bringing easterly winds to southern England.

A cold easterly airstream was well established over the whole of the country by the 22nd and the next two or three days were generally cloudy in the east with scattered snow showers, but in the north and west there were good sunny periods. The easterly winds freshened on the 26th and 27th reaching gale force along the south coast and snow showers became frequent and prolonged with drifting in the east, but in the west they were only scattered; snow lay up to 4 in. deep in parts of Lincolnshire and 6 in. deep at Moor House where there were

drifts of 7 feet. A depression over northern France gave snow at Scilly and in the Channel Islands, a comparatively rare event; it lay 2 in. deep in Scilly and Guernsey on the morning of the 28th and 10 in. deep in Jersey.

**Pressure and Wind** — Mean pressure was above the average everywhere, the deviation at 9 hr ranging from 5.7 mb at Lerwick to 11.1 mb at Scilly. Surface winds were generally between west and north-west until the 5th, south westerly on the 6th, mainly northerly on the 7th and 8th and between west and south-west on the 9th-11th, becoming generally north-westerly on the 12th-17th, south-westerly or variable on the 18th-20th and easterly from the 21st until the end of the month. Wind reached gale force on 20 days in Scotland and on the 3rd, 4th, 6th-8th, 10th-17th and 22nd-28th (20 days) in England and Wales. Gales were widespread on the 11th, 12th, 15th and 16th and unusually severe on the 11th and 16th.

**Temperature** — Mean temperature was above the 1921-50 average, the excess being 0.3°C in England and Wales, 0.4°C in Scotland and 0.5°C in Northern Ireland. Temperature was generally above the average during the first three weeks of the month (except around the 15th) but below the average during the last week.

Extremes included: (England and Wales) 15.0°C at Cockle Park on the 20th, -7.2°C at Spadeadam on the 15th; (Scotland) 15.0°C at Stonehaven on the 9th, -9.2°C at Glenmore Lodge on the 24th; (Northern Ireland) 12.2°C at Kilkeel on the 4th, Ely Lodge on the 11th and Tollymore Park on the 14th, and at Newry on the 4th, 9th and 11th, -5.6°C at Garvagh on the 24th.

**Precipitation** — The general rainfall expressed as a percentage of the 1916-1950 average was 52 over England and Wales, 112 over Scotland and 75 over Northern Ireland. In England and Wales rainfall was less than 25 per cent of the average over central and southern England and the Midlands and above 150 per cent of the average locally in Cumberland. In Scotland rain was more than 175 per cent of the average in Ross and Cromarty and in north-west Inverness-shire, and less than 50 per cent of the average locally in eastern coastal districts.

Thunder was heard in Scotland on 11 days and in England and Wales on the 4th, 7th, 13th and 14th.

Snow or sleet fell at one place or another in Scotland on 24 days and snow was reported lying on 17 days. In England and Wales it fell on the 1st-3rd, 5th, 7th, 11th-16th and 23rd-28th (17 days). It was widespread on the 13th-15th and 23rd-28th, and lay up to 4 in. deep in eastern England on the 27th and 28th, and 10 in. deep in Jersey, ground being snow covered on the 13th-15th and 25th-28th over most of the country.

**Sunshine** — The general sunshine expressed as a percentage of the 1921-50 average was 111 in England and Wales, 112 in Scotland and 100 in Northern Ireland. In general sunshine showed a greater excess over the average in western and central districts than in the east, ranging in England from 152 per cent at Huddersfield to 74 per cent at Tunbridge Wells.

**Fog** — In Scotland fog was reported from one place or another on 16 days. In England and Wales it occurred on the 3rd, 6th, 9th, 10th, 15th, 16th, 18th-23rd and 25th-28th; it was widespread on the 3rd.

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

MWR dup



TABLE I—DISTRICT VALUES— FEBRUARY

1962

(1908, revised 1928, 1941 and 1956)

DISTRICTS	AIR TEMPERATURE					EARTH TEMPERATURE		RAINFALL		SUN-SHINE
	Highest	Lowest	Difference from Average			At 1 ft. Difference from Average	At 4 ft. Difference from Average	Percentage of Average	No. of Days Difference from Average	Percentage of Average
			Max.	Min.	Mean					
0 SCOTLAND, N.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	%		%
Eastern	12.8	-9.2	+0.3	-0.2	+0.1	—	—	150	+1	106
1 SCOTLAND, E.	15.0	-8.3	+0.9	+0.1	+0.5	—	—	65	0	107
2 ENGLAND, N.E.	15.0	-5.0	+0.8	+0.3	+0.6	+0.4	0.0	47	-2	116
3 ENGLAND, E.	14.3	-6.7	0.0	+0.2	+0.1	+0.1	-0.2	57	-3	101
4 MIDLAND COUNTIES	14.4	-6.7	+0.2	+0.6	+0.3	+0.3	+0.2	44	-4	118
5 ENGLAND, S.E.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	%		%
Western	13.9	-6.7	0.0	+0.2	+0.1	+0.1	+0.3	33	-5	109
6 SCOTLAND, W.	13.9	-7.6	+0.5	+0.5	+0.6	+0.7	+0.2	90	0	124
7 ENGLAND, N.W. (and N. Wales)	13.3	-7.2	+0.3	+0.7	+0.5	+0.6	+0.8	85	+1	116
8 ENGLAND, S.W. (and S. Wales)	13.9	-6.1	-0.2	+0.2	0.0	+0.6	+0.2	36	-5	103
NORTHERN IRELAND	12.2	-5.6	+0.5	+0.5	+0.5	—	—	75	-3	100

TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— FEBRUARY, 1962

(1914)

DISTRICT, COUNTY AND PLACE				Height of Vane		Distribution of Mean Hourly Values of Wind Speed								Mean Hourly Wind Speed	Highest Velocities														
				Above Mean Sea Level	Above Ground	Effective Height	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										
																Dates of Occurrence		Duration	No. of days	Duration	Duration	Duration	Duration	Veer from N.	Speed	Hour ended at	Speed	Day and Time	
																ft.	ft.											ft.	hr.
SCOTLAND																													
0	Zetland	Lerwick	303	32	32	3, 15, 16	20	20	209	259	117	67	0	16.7	260	44	16 01	80	16	0315									
	Orkney	Kirkwall (Grimsetter)	134	50	33	12, 15, 16	35	15	162	246	147	82	0	15.9	290	48	16 02	95	16	0815									
	Caithness	Dounreay	110	39	30	12, 15, 16	25	17	144	268	179	51	5	15.1	320	52	16 08	82	16	1100									
	Ross & Cromarty	Stornoway (Coastguard)	120	40	36	01-07, 09-17	130	20	236	215	41	50	0	23.8	280	59	12 07	98	12	0635									
	Cromarty	Duirinish	125	65	55	3, 6, 11, 12	53	18	144	268	173	34	0	16.6	260	53	11 23	81	16	0005									
	Inverness	Benbecula	69	51	35	3, 7, 10-12	54	17	164	274	137	43	0	17.8	300	48	16 10	82	16	0225									
1	Moray	Lossiemouth	100	80	66	3, 7, 12, 14-16	39	19	135	226	144	99	29	15.5	270	51	16 10	84	16	0545									
	Aberdeen	Dyce	225	40	40	12, 16	9	11	53	251	255	104	0	11.2	290	41	12 11	66	12	1045									
	Angus	Bell Rock Lighthouse	128	131	124	3, 7-9, 11-16, 26	91	23	257	242	71	11	0	22.5	260	52	16 02	72	16	1145									
	Porth	Rannoch	1006	56	57	"																							
	Fife	Leuchars	78	40	40	11, 12, 15, 16	26	16	104	338	159	45	0	15.2	270	46	16 04	74	12	0405									
	Midlothian	Edinburgh	485	39	23	11, 12, 15, 16	17	10	61	364	192	32	6	14.1	230	37	16 01	71	16	1025									
6a	Argyll	Tiree	89	60	47	1, 3, 5, 7	72	18	196	316	67	21	0	20.7	300	50	16 11	87	16	1250									
	Bute	Millport	50	34	34	11, 15, 26, 27	12	12	55	317	175	76	37	13.1	(260)	43	11 18	(65)	11	(1850)									
	Renfrew	Paisley	188	81	31	"	0	4	41	318	239	74	0	11.1	240	31	11 19	77	16	1015									
	Ayr	Renfrew	71	41	39	11, 12, 16	13	8	63	350	200	46	0	13.0	290	37	16 06	71	16	0635									
	Dumfries	Prestwick Airport	35	33	33	12, 15, 16	7	10	67	350	201	47	0	13.3	290	36	16 12	61	16	1820									
	Wigtown	Eskdalemuir	825	50	35	16	5	10	70	322	212	63	0	12.4	290	38	16 13	73	15	1825									
	Wigtown	West Freugh	83	33	33	12, 16	17	12	57	335	199	40	24	13.2	310	40	16 16	67	16	1420									
ENGLAND AND WALES																													
6b	Isle of Man	Point of Ayre	70	40	35	11, 12, 13, 16	14	17	170	363	117	8	0	17.5	310	40	16 16	64	16	1500									
		Ronaldsway	119	64	39	6, 11, 12, 16	28	22	307	252	75	10	0	20.1	260	39	16 01	63	16	2005									
2	Durham	Durham	389	53	33	11, 12, 16	12	9	68	333	186	73	0	13.4	250	43	11 24	73	16	1245									
		South Shields	73	57	44	8, 11, 12, 16	7	16	122	321	193	29	0	14.4	260	37	12 01	74	16	0515									
	Lincoln	Cranwell	288	47	47	12, 16	6	14	122	360	165	19	0	15.2	280	36	12 14	64	16	1440									
3	Norfolk	Gorleston	45	33	33	"																							
	Suffolk	Mildenhall	98	83	60	"	0	7	47	322	253	50	0	11.7	310	33	16 13	57	16	1225									
	Bedford	Cardington	226	133	133	4, 5, 11, 12, 16	30	21	176	343	106	17	0	18.0	260	51	12 13	74	12	1330									
	Hertford	Rothamsted	461	41	33	"	0	3	11	338	256	67	0	10.1	260	25	12 10	52	12	0940									
		Stanstead Abbots	138	41	40	"	0	3	14	306	275	77	0	9.8	230	24	12 07	48	12	0640									
	Essex	Croyton	66	57	48	"	0	6	44	375	220	33	0	13.0	260	27	12 08	54	13	0855									
		Shoeburyness	118	106	91	12, 16, 25	5	21	283	240	133	11	0	18.5	050	35	25 14	61	12	1030									
4	Yorks., W.R.	Sheffield	533	83	35	16	7	4	22	385	245	13	0	11.9	280	40	16 07	84	16	0610									
	Warwick	Birmingham (Edgbaston)	643	118	73	"	0	6	38	411	217	6	0	13.0	260	31	16 07	56	12	0345									
	Stafford	Keele	706	50	40	"	0	4	24	338	256	54	0	11.0	300	29	16 11	58	16	0830									
	Gloucester	Avonmouth	92	61	33	12, 15, 16	9	15	102	344	136	64	17	14.5	280	37	16 13	54	16	1205									
5	London	Kingsway	208	143	41	"	0	2	8	358	273	33	0	10.8	240	26	12 12	54	12	1055									
	Middlesex	London (Heathrow) Airport	115	33	33	"	0	4	23	373	179	97	0	11.4	250	32	12 11	55	12	1025									
		Hampton	139	101	100	"	0	5	34	382	198	58	0	12.2	250	32	12 12	62	12	1335									
	Surrey	Kew Observatory	92	75	50	"	0	5	16	380	203	73	0	11.5	250	24	12 12	58	12	1150									
		London (Gatwick) Airport	232	38	33	"	0	7	42	359	186	85	0	11.7	250	31	12 13	58	12	1450									
	Kent	Isle of Grain	48	40	33	"	0	12	144	265	179	67	17	13.9	280	31	12 07	52	12	1105									
		Dungeness	70	50	33	"	0																						
		Dover	68	38	62	"	0	16	165	277	179	51	0	14.7	060	32	23 09	50	12	1005									
	Sussex	Thorney Island	75	65	42	"	0	4	19	321	216	116	0	10.4	250	29	12 12	50	12	1025									
	Hampshire	Calshot	50	41	33	"	0	11	56	412	151	53	0	13.1	300	29	16 13	47	16	1320									
		S. Farnborough	318	69	35	12	3	3	29	282	263	95	0	10.4	250	36	12 10	59	12	1335									
	Berkshire	Abingdon	295	40	40	"	0	8	38	387	132	115	0	12.1	250	32	12 12	50	12	1100									
	Wiltshire	Larkhill	491	51	36	"	0	9	70	318	218	66	0	12.4	270	32	12 14	59	12	1310									
		Porton	406	44	44	"	0	6	56	311	178	127	0	11.5	270	31	16 10	54	16	0905									
7a	Cumberland	Carlisle	137	42	42	"	0	8	51	337	220	64	0	11.7	230	32	11 18	59	11	0900									
		Sellafield	83	39	35	"	0	8	30	270	296	73	3	10.5	"	30	12 01	48	16	1310									
		Spadeadam	959	51	40	8, 11, 12, 16	8	18	112	387	131	24	10	15.5	(360)	37	8 01	(60)	16	(0110)									
	Westmorland	Moor House	1960	50	45	6, 10-12, 15, 16	50	22	234	253	84	51	0	19.5	280	49	12 07	76	12	0630									
	Lancashire	Southport	59	41	33	11, 12, 16	29	14	93	298	139	65	48	15.1	270	41	16 04	62	12	0235									
		Liverpool Airport	84	41	33	12, 16	2	12	75	394	191	10	0	14.0	260	34	12 05	61	16	0455									
	Cheshire	Bidston Observatory	262	64	39	11, 12, 16	18	12	104	327	172	41	10	"	260	40	16 03	78	12	0400									
		Manchester Airport	261	33	33	12, 16	3	7	48	397	197	27	0	13.0	250	34	16 04	56	16	0925									
7b	Anglesey	Holyhead (Valley)	76	50	40	11, 12	7	15	136	355	138	36	0	16.1	230	37	12 01	62	6	2330									
8a	Cardigan	Aberporth	483	41	41	4, 8, 11-13, 16	27	20	229	308	96	12	0	19.1	250	42	12 12	62	12	1200									
	Pembroke	Milford Haven	246	50	35	"																							
	Glamorgan	Port Talbot	91	40	35	"	0	12	79	337	158	98	0	13.3	290	32	12 04	52	12	0340									
		Rhoose	257	37	32	12	5	12	78	362	189	38	0	13.7	270	40	12 11	59	12	1035									
8b	Devon	Plymouth	191	88	65	"	0	12	59	344	162	107	0	11.8	"	31	12 16	50	12	1455									
	Cornwall	St. Mary's, Scilly	230	65	57	7, 8, 12, 13, 16, 27	41	23	302	212	99	18	0	20.6	270	42	13 03	59	13	0300									
		The Lizard	315	75	60	7, 8, 12, 13, 16	35	21	279	194	134	30	0	19.3	290	43	12 18	56	12	1805									
NORTHERN IRELAND																													
	Londonderry	Ballykelly	52	50	35	11, 12, 15, 16	18	14	86	301	207	60	0	13.6	250	38	12 02	65	16	1205									
	Antrim	Aldergrove	281	65	55	12, 15, 16	5	11	100	357	184	26	0	14.0	270	36	12 03	62	12	0125									
		Nutts Corner	344	31	31	"	"	"	"	"	"	"	"	"	300	31	16 11	55	16	1625									
CHANNEL ISLES																													
		Jersey Airport	359	86	50	12, 13, 16	11	16	162	355	115	29	0	16.8	280	40	13 03	56	13	0505									

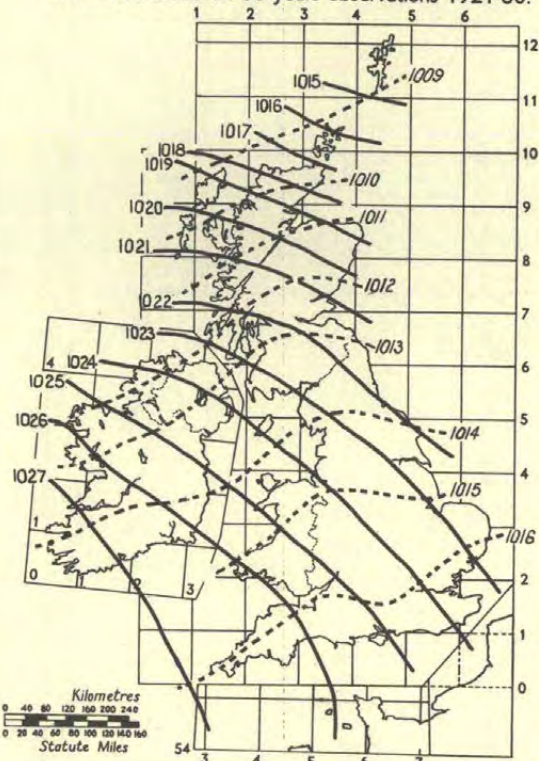


# MONTHLY WEATHER CHARTS

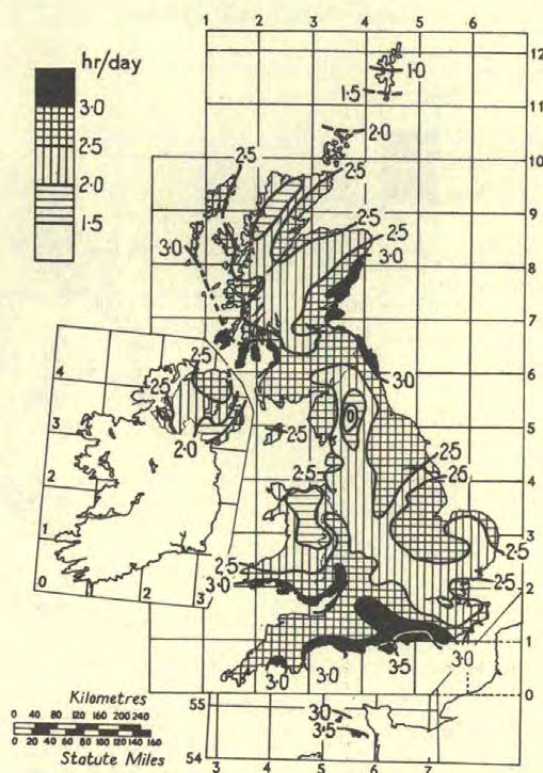
## FEBRUARY 1962

### 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.

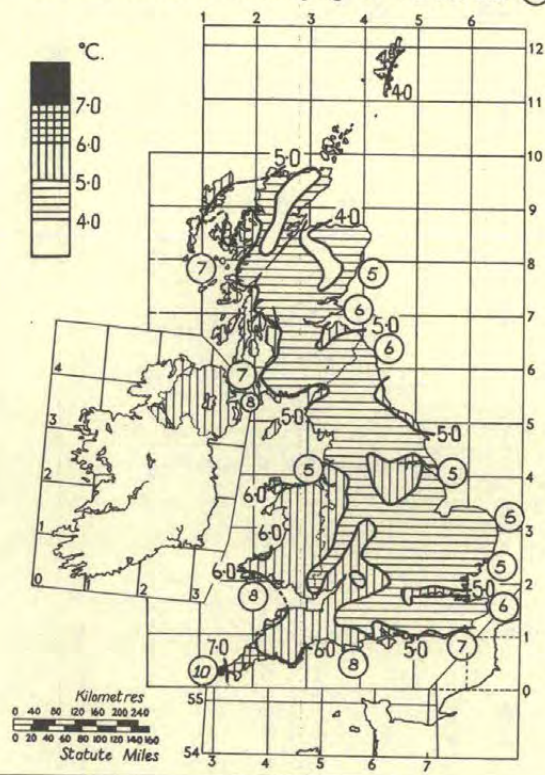


### BRIGHT SUNSHINE

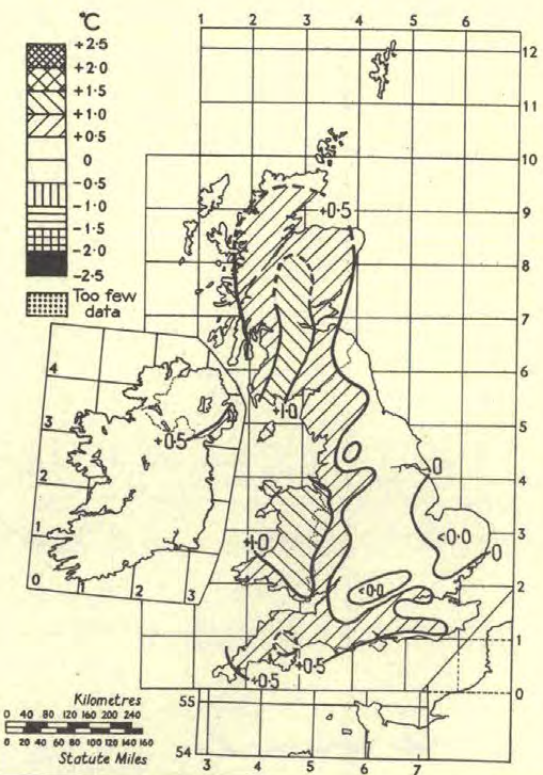


### MEAN AIR TEMPERATURE

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

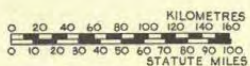
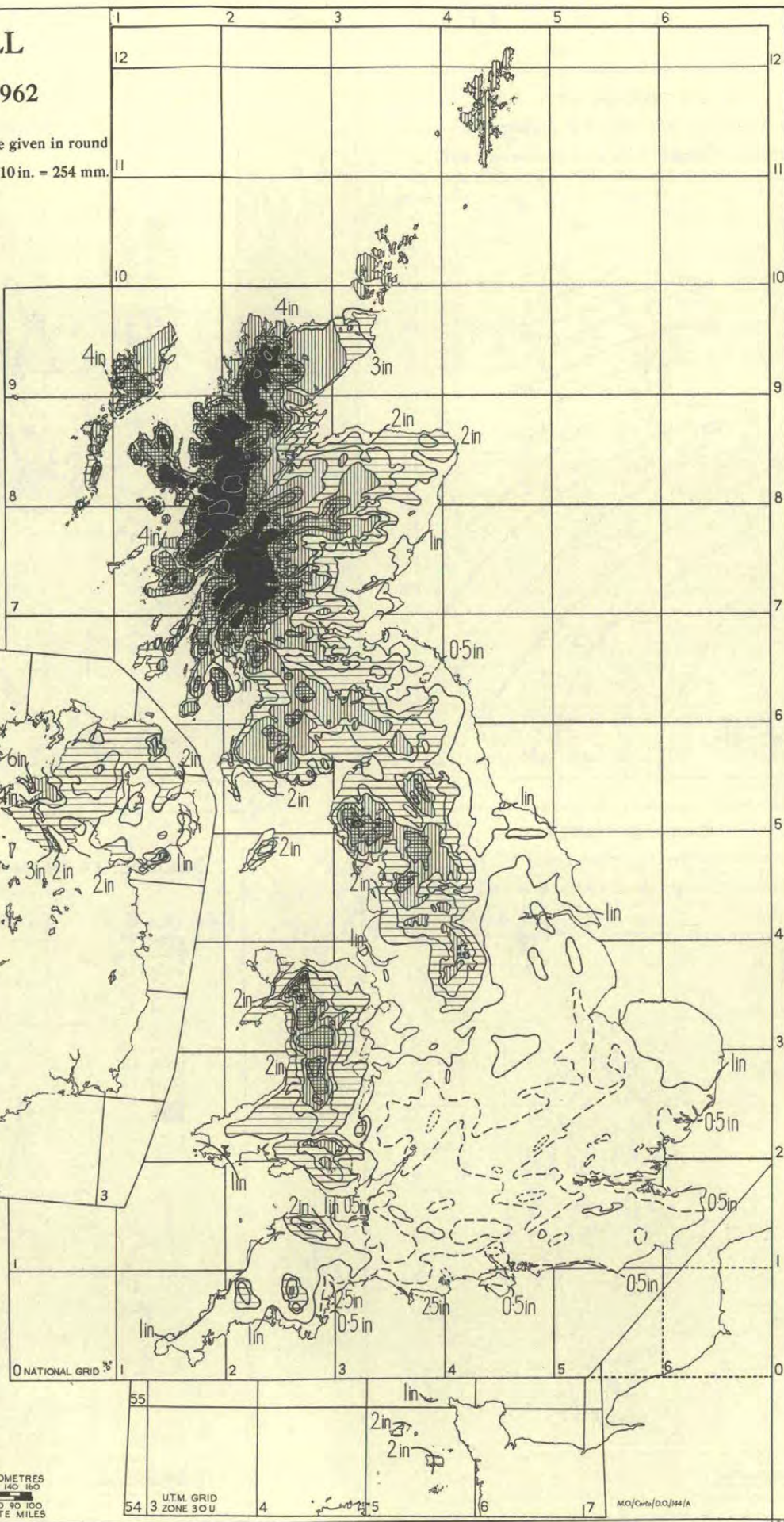
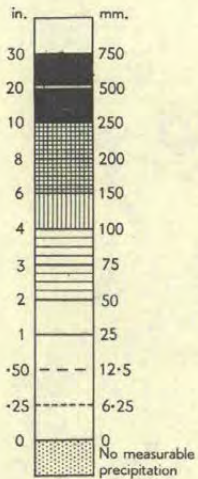




# RAINFALL

FEBRUARY 1962

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



MO/Carto/DQ/44/A



TABLE III — SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER FEBRUARY, 1962

DISTRICT, COUNTY AND PLACE	Max. Min.	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)		WEATHER												BRIGHT SUNSHINE					
				Means of		Difference from Average	Highest Maximum and Lowest Minimum				Most in a day					Precip'n				Number of days													
				A Max.	B Min.		Mean Temperature of A and B	Maximum	Date	Minimum	Date	Amount	Date	-0.01 in. (0.2mm.) or more	-0.01 in. (0.2mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. O.C. or less	Gale	Daily Mean	Percentage of Average							
				°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.													hr	%					
0 SCOTLAND, N.																																	
Zetland				9 9	70	6.7	2.1	4.4	-	8.9	9,10	-2.2	14	-	-	4.94	-	.70	11	22	20	7	1	3	2	1	0	3	-	11	1.38	-	
				21-9	289	5.2	1.5	3.3	0.0	8.3	9	-2.8	13	-	-	4.57	138	.72	15	22	20	16	6	3	13	3	0	11	18	9	1.08	66	
				9 9	78	6.9	1.4	4.1	-	9.4	9,10	-2.2	13	4.3	-	4.55	117	.75	11	22	19	15	4	11	0	0	0	7	-	13	0.91	-	
Orkney				9 9	48	6.7	3.8	5.3	-	10.5	19	-0.5	14	-	-	5.33	-	.95	11	24	20	7	1	7	0	0	0	2	15	8	-	-	
				9 9	75	6.8	1.6	4.2	-	9.4	6,9,22	-1.7	14	4.1	-	4.94	-	.71	11,15	24	20	8	2	1	7	1	0	7	15	10	1.95	-	
				9 9	115	6.9	1.7	4.3	-	10.0	21	-1.1	14	-	-	4.58	-	.80	11	22	19	11	2	8	1	0	0	3	12	6	2.12	-	
Caithness				21-9	84	6.3	1.5	3.9	-	10.6	15	-1.8	16	-	-	4.53	144	.72	11	22	20	15	1	11	0	2	0	7	13	8	2.19	-	
				9 9	70	7.4	-	-	-	11.1	15,21	-	-	-	-	4.40	-	.65	11	23	18	2	2	0	6	1	0	1	21	6	-	-	
				21-9	119	6.2	1.5	3.9	0.0	11.1	19	-1.5	14	-	-	2.54	127	.74	11	21	16	13	4	1	10	1	0	10	15	5	2.76	108	
Sutherland				21-9	367	6.3	3.1	4.7	-	9.5	21	0.0	5,10,17	-	-	4.97	152	1.07	11	21	20	5	0	8	0	0	3	5	8	7	-	-	
				9 9	240	6.9	0.1	3.5	-	11.1	19	-7.8	24	2.6	3.8	5.51	-	1.85	11	24	18	13	10	11	0	0	1	14	23	3	-	-	
				9 9	120	6.9	0.6	3.7	-	11.1	15,21	-3.9	24	-	-	3.73	116	.78	11	20	18	13	2	2	9	2	0	1	8	-	3	2.02	- S
Ross & Cromarty				21-9	11	7.4	1.9	4.7	0.0	10.8	11	-3.4	23	-	-	4.61	172	1.24	11	20	18	11	2	2	9	2	0	9	12	7	2.45	121	
				9 9	2	8.7	3.1	5.9	-	12.2	6,19	-0.6	14,24	-	-	6.66	-	.96	6	19	16	-	-	-	-	-	-	-	-	-	-	-	
				9 9	20	8.1	2.0	5.1	-	11.7	20	-1.1	23,28	-	-	7.85	-	1.81	6	17	17	3	-	3	0	1	0	7	24	8	2.29	-	
				9 9	220	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
				9 9	76	8.8	0.9	4.9	-	12.2	9,18,22	-4.4	24	4.4	-	12.31	-	4.40	11	22	19	7	2	5	0	5	0	11	21	2	1.68	- S	
				9 9	690	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
				9 9	15	7.3	1.7	4.5	+0.1	11.1	9,15	-2.2	24	-	-	2.29	135	.67	11	17	11	9	2	0	0	0	0	6	-	3	2.62	105	
				21-9	80	6.7	1.5	4.1	-	12.0	9	-1.5	24	-	-	1.55	-	.30	16	15	11	11	0	0	0	0	0	8	-	2	-	-	
Inverness				21-9	19	7.5	2.7	5.1	-	10.6	9	-3.3	22	-	-	4.18	139	.90	11	20	15	9	1	7	3	1	0	5	14	11	2.63	-	
				9 9	15	8.3	2.4	5.3	-	12.2	20	-3.3	24	4.8	6.2	7.99	-	1.41	11	18	18	5	0	0	8	1	0	5	17	8	-	-	
				9 9	220	7.2	1.1	4.1	-	10.6	20,21	-2.2	14	-	-	8.31	-	1.81	11	19	18	10	4	3	9	2	0	10	19	8	2.53	-	
				9 9	294	7.1	1.9	4.5	-	10.0	21	-1.7	14	-	-	4.56	116	.90	11	19	18	6	1	11	0	1	0	3	18	9	2.31	-	
				9 9	48	7.8	1.7	4.7	+0.2	11.1	11	-3.9	14	-	-	12.31	178	3.86	11	20	19	8	2	4	0	0	1	10	18	3	2.47	131 S	
				9 9	27	8.1	0.9	4.5	-	12.2	11	-5.0	24	3.9	4.6	6.47	-	1.93	11	19	18	7	3	0	4	0	0	9	19	3	2.09	- S	
				9 9	70	7.6	0.6	4.1	+0.4	11.1	11,15	-5.6	24	-	-	5.37	-	1.78	11	20	17	5	4	0	1	0	0	10	-	3	2.42	- S	
				9 9	350	7.4	-0.9	3.3	-	12.2	9	-8.9	24	-	-	6.49	163	2.19	11	18	17	5	9	1	0	0	0	15	23	4	-	-	
				18-9	1176	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
				9 9	13	8.2	0.9	4.5	-	12.8	9,15	-4.4	24	-	-	1.69	-	.59	11	12	9	4	5	1	0	0	0	11	19	2	3.06	-	
				9 9	1000	6.0	1.6	3.8	-	10.0	9,20	-7.2	24	2.6	-	3.63	-	1.28	11	18	16	-	-	-	-	-	-	-	-	-	-	-	
				9 9	1120	5.7	-2.3	1.7	-	10.0	20	-9.2	24	-	-	3.74	-	.91	11	15	15	15	15	1	0	0	0	26	27	2	2.13	- S	
1 SCOTLAND, E.																																	
Nairn				9 9	20	7.7	0.3	4.0	0.0	12.8	9	-6.1	24	-	-	1.64	109	.33	12	20	10	7	7	1	0	0	0	13	23	3	2.80	111	
Moray				9 9	720	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
				9 9	155	7.7	0.2	3.9	-	12.8	20	-4.4	24,26	3.4	4.3	1.52	106	.40	12	14	9	10	7	2	0	0	0	17	24	0	2.57	-	
				21-9	15	7.2	0.6	3.9	-	12.2	9	-6.4	24	3.8	-	1.67	-	.33	12,16	16	10	16	5	0	9	1	0	13	21	3	2.47	-	
				9 9	92	8.3	0.9	4.6	-	12.8	9	-3.3	24	-	-	2.05	-	.49	11	14	11	6	2	0	0	0	0	13	21	3	2.87	-	
				9 9	21	7.7	0.3	4.0	-	12.2	9	-6.1	24	-	-	1.77	-	.53	11	14	10	12	2	7	1	0	0	15	21	6	-	-	
Banff				9 9	104	7.9	0.2	4.1	+0.2	12.2	9	-3.3	24	-	-	1.87	102	.66	11	15	10	9	4	1	0	0	0	18	-	3	2.43	97	
Aberdeen				9 9	80	7.4	1.9	4.7	-	12.2	19	-1.1	23	-	-	2.62	-	.92	11	19	17	9	2	3	0	0	1	5	-	4	1.76	-	
				9 9	1113	5.4	-1.2	2.1	+0.7	10.0	20	-7.8	23	-	-	3.45	128	1.10	11	21	15	-	14	-	-	-	2	20	27	-	1.83	- S	
				9 9	927	5.6	-1.4	2.1	+0.5	10.6	9,15	-8.3	23	-	-	3.44	156	1.06	11	21	16	13	13	0	0	0	0	23	27	1	-	-	
				9 9	608	7.0	-1.4	2.8	+0.4	12.2	15	-7.2	23	-	-	1.54	-	.44	11	15	10	-	6	-	-	-	-	23	-	-	-	-	
				9 9	405	6.9	0.3	3.6	-	12.1	9	-6.0	5	-	-	3.06	-	.77	11	17	13	7	5	0	3	0	0	13	23	1	-	-	
				9 9	218	7.7	0.7	4.2	-	11.7	20	-3.3	23	-	-	2.66	-	.60	11,12	16	14	-	0	-	-	-	-	12	27	-	2.36	- S	
				9 9	300	7.1	0.9	4.0	+0.8	13.9	9																						



DISTRICT, COUNTY AND PLACE		Temperal Hours of Observation		AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)				WEATHER Number of days										BRIGHT SUNSHINE									
				Means of		Difference from Average	Highest Maximum and Lowest Minimum				Total Fall			Per-centage of Average	Most in a day	Precip'n			Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. °C. or less	Gale	Daily Mean	Per-centage of Average									
							A Max.	B Min.	Mean Temperature	Maximum						Date	Minimum	Date											1 ft.	4 ft.	in.	%	in.	Date	-0.1in. (0.2mm.) or more	-0.4in. (1.0mm.) or more	
		Max. Min.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.											hr	%										
1 SCOTLAND, E.—cont.																																					
Midlothian	Balerno ...	9 9	700	6.0	-0.1	2.9	-	10.0	20	-5.0	22	-	-	1.96	-	.49	11	11	10	-	3	-	-	-	-	17	24	-	2.27	-							
	Midcalder ...	9 9	400																																		
	Turnhouse ...	21-9	114	7.1	1.4	4.3	-	12.0	6	-4.9	22	-	-	1.29	78	.28	11	11	8	8	2	1	2	0	0	7	19	4	2.38	-							
	Edinburgh—																																				
	East Craigs ...	9 9	200	7.3	1.2	4.3	-	11.7	6	-3.9	22	-	-	1.34	-	.38	11	11	8	6	3	0	0	0	0	1	9	21	4	2.57	-						
	Davidson's Mains ...	9 9	200	7.2	1.6	4.4	-	11.1	6,11,20	-2.8	22	3.4	-	1.33	-	.33	11	12	10	5	3	3	1	0	0	1	8	20	2	2.62	-						
	Penicuik ...	9 9	620	6.2	0.5	3.3	-	9.4	6,15,21	-4.4	22	3.2	-	2.68	-	1.07	11	13	11	7	4	0	0	0	0	1	3	24	2	2.44	-						
	Bush House ...	9 9	605	6.4	0.6	3.5	-	10.6	11,20	-4.4	22	3.1	3.8	1.95	-	.76	11	13	10	5	3	0	0	0	0	14	21	3	-	-							
	Edinburgh—																																				
E. Lothian	Blackford Hill¶§	9 9	441	7.0	1.3	4.1	+0.3	11.1	20	-1.7	14,22,27	-	-	.95	57	.19	28	11	8	4	3	0	0	0	0	8	17	4	2.52	94							
	Liberton ...	9 9	200	7.7	1.2	4.5	-	12.2	20	-5.6	23	-	-	1.55	-	.30	11	11	11	5	3	0	0	0	0	1	15	0	2.80	-							
	Botanic Garden ...	9 9	74	7.6	1.6	4.6	-	11.7	6,20	-3.3	22	3.8	-	1.17	-	.27	11	12	8	3	1	0	3	0	0	1	8	20	0	2.45	-						
	Haddington ...	9 9	162	7.7	1.6	4.7	-	11.7	20	-4.4	22	-	-	.68	-	.19	11	13	7	6	2	0	0	0	0	7	17	4	2.66	-							
Berwick	North Berwick ...	9 9	51	7.9	2.2	5.1	+1.2	12.2	9,20	-1.7	22	-	-	.71	48	.20	11	14	8	3	0	0	0	0	0	1	5	-	4	2.37	98						
	Dunbar ...	9 9	75	7.8	2.3	5.1	-	11.7	6,11,15	-2.2	22	-	-	.41	-	.09	11	10	5	5	0	0	0	0	0	5	12	0	3.42	-							
	Lauder ...	9 9	600	6.7	0.3	3.5	-	11.1	9,20	-6.1	22	-	-	2.02	-	.75	11	14	9	8	3	0	0	0	0	1	15	22	4	2.58	-						
	Marchmont ¶§	9 9	498	6.5	0.3	3.4	+0.4	12.2	20	-3.3	22	-	-	1.02	47	.19	11	17	9	5	4	0	0	0	0	16	-	5	2.40	117							
Peebles	St. Abb's Head ...	9 9	245	6.3	3.0	4.7	-	11.8	9	-0.3	26	-	-	.41	-	.08	8	9	6	5	0	0	0	0	0	1	7	10	-	-	-						
	Broughton ...	9 9	741	6.5	0.2	3.3	-	10.6	21	-6.7	22	-	-	3.31	-	1.34	11	19	13	14	6	0	1	0	0	14	23	0	-	-							
	Blyth Bridge ...	9 9	830	6.0	0.1	3.1	-	11.1	20	-3.9	14	-	-	2.76	-	1.21	11	18	11	12	8	0	1	0	0	18	22	3	2.61	-							
	West Linton ...	9 9	800	6.1	-0.2	2.9	-	11.1	20	-4.4	22	2.2	3.6	3.26	-	1.33	11	21	13	8	6	0	0	0	0	19	22	0	-	-							
Selkirk	Peebles ...	9 9	645	7.1	0.4	3.7	-	11.1	20	-4.4	22	-	-	2.21	-	.89	11	14	9	8	5	0	0	0	0	14	22	4	2.01	-							
	Peebles (Glenfress) ...	9 9	580	7.2	0.5	3.9	-	12.8	20	-4.4	22	-	-	2.14	-	1.06	11	16	10	9	4	0	1	0	0	12	-	3	-	-							
	Selkirk (Bowhill) ...	9 9	600	6.6	0.1	3.3	-	10.6	9,20	-7.2	22	-	-	1.89	-	.65	11	18	11	9	3	0	1	1	0	13	-	4	-	-							
	Roxburgh	Hawick (Wauchope) ...	9 9	560	6.6	-0.3	3.1	-	11.7	20	-6.1	22	-	-	1.55	-	.50	11	13	9	-	4	-	-	1	18	-	-	-	-							
	Sourhope ...	9 9	900	5.8	0.0	2.9	-	11.1	20	-5.0	15	-	-	1.36	-	.30	26	15	9	6	5	0	1	0	2	16	21	3	2.60	-							
6a SCOTLAND, W.																																					
Argyll	Tiree ... ¶§	21-9	29	7.7	3.3	5.5	+0.2	10.4	11	-1.1	28	-	-	2.63	84	.50	11	17	15	6	1	4	6	1	0	3	10	10	2.99	128							
	Rhuvaal ...	21-9	85	7.6	3.9	5.7	-	11.2	6,20	0.9	14	-	-	3.92	-	1.09	11	19	17	3	0	3	0	0	0	0	1	8	-	-	-						
	Colonsay ...	9 9	87	8.1	2.6	5.3	-	11.7	20	-0.6	14,24	-	-	3.50	88	.66	11	20	18	6	-	8	0	0	4	3	-	5	-	-							
	Campbeltown ...	9 9	10	8.5	3.3	5.9	-	12.2	20	-1.7	27	-	-	2.36	-	.45	11	16	14	-	0	-	-	-	-	3	-	3.06	-								
	Tarbert(Achaglagach)¶	9 9	40	8.2	1.9	5.1	-	11.1	6,20	-1.7	26	-	-	6.34	-	1.06	11	18	17	7	0	6	0	0	0	6	23	0	-	-							
	Oban ...	9 9	229	7.6	2.4	5.0	-	11.1	15,21	-1.1	24,25	-	-	6.59	153	1.96	11	20	19	7	0	2	0	0	0	5	14	1	2.26	113							
	Lephinmore ...	9 9	30	7.5	2.2	4.9	-	11.1	9	-1.1	14	-	-	6.56	-	1.44	11	18	14	4	0	7	0	2	0	7	17	2	2.32	-							
	Glenbranter ...	9 9	120	7.2	0.9	4.1	+0.4	10.6	6	-2.2	14,22,26	-	-	10.82	138	3.21	11	20	16	-	1	-	-	-	1	13	22	-	-	-							
	Benmore(ForestrySch.)¶	9 9	46	7.9	1.5	4.7	-	11.7	20	-2.8	22	4.1	4.6	8.55	115	2.35	11	20	17	6	0	4	0	1	1	7	21	2	-	-							
Bute	Benmore																																				
	(Younger Bot. Gdn.)¶	9 9	40	7.9	2.1	5.0	-	12.2	20	-2.2	22	-	-	8.54	-	2.42	11	20	17	9	2	1	3	1	2	6	19	2	-	-							
	Rothsay ¶§	9 9	150	7.4	2.3	4.9	+0.5	11.1	6,20	-1.1	14	4.3	4.9	4.77	117	1.33	11	20	17	4	0	2	0	0	0	5	12	9	2.60	128							
	Millport ...	9 9	16	7.7	2.6	5.1	-	11.1	11	0.0	4,14,27	-	-	3.36	104	.46	11	19	16	7	0	3	0	0	0	3	-	10	-	-							
	Dunbarton	Helensburgh ...	9 9	293	6.8	1.4	4.1	+0.4	11.1	20	-2.2	14	-	-	5.28	115	1.85	11	21	18	0	0	0	2	0	0	10	-	2	-	-						
	Cumbarnauld ...	9 9	310	6.4	0.8	3.6	-	10.8	20	-2.8	14	-	-	3.95	-	1.26	11	21	16	10	4	0	0	0	0	13	19	4	-	-							
	Stirling ...	9 9	151	7.3	2.2	4.7	+0.6	12.8	20	-1.7	22	3.8	4.9	2.57	90	1.39	11	14	10	5	1	0	0	0	1	5	17	2	2.62	-							
	Falkirk ...	9 9	100	7.5	1.4	4.5	-	11.7	20	-2.8	22	-	-	1.96	-	-	-	-	-	-	-	-	-	-	10	-	-	-	-								
	Renfrew	Greenock ...	9 9	200	7.3	2.1	4.7	+0.4	11.1	6,15	-0.6	14	-	-	6.18	121	2.58	11	21	14	5	2	2	0	0	0	5	18	3	2.20	-						
Lanark	Paisley ...	9 9	106	7.2	2.4	4.8	+0.4	12.8	20	-1.1	14	4.7	6.4	4.07	117	1.62	11	21	14	6	3	3	0	0	3	4	16	3	2.29	124							
	Barrhead ...	9 9	97	7.4	1.4	4.4	-	11.7	20	-3.3	22	-	-	4.23	-	1.41	11	22	16	7	1	3	0	0	1	9	15	2	-	-							
	Renfrew ... ¶§	21-9	28	7.2	2.2	4.7	+0.6	12.0	20	-2.6	21	-	-	2.68	84	.82	11	18	14	14	1	3	0	0	2	5	16	3	2.39	126							
	Thorntonhall ...	9 9	453	6.6	1.0	3.8	-	10.6	20	-3.9	22	-	-	3.83	-	1.24	11	21	13	4	3	0	0	1	-	11	22	0	-	-							
	Glasgow, Spr. Pk. ...	9 9	351	6.3	1.2	3.7	-	10.6	20	-1.7	14,22,26	-	-	3.55	124	1.08	11	22	16	10	3	0	0	0	0	1	10	18	4	2.21	-						
	Coatbridge ...	9 9	256																																		
	Coalburn (Midtown) ...	9 9	707	6.1	-0.3	2.9	-	11.2	21	-7.6	22	3.3	-	5.40	-	2.57	11	22	14	13	7	0	0	0	0	14	23	3	2.47	-							
	Lowther Hill ...		2377	1.5	-2.9	-0.7	-	7.0	11	-7.5	26	-	-	-	-	-	-	-	-	-	-	-	-	-	16	25	-	17	1.03	-							
	Leadhills ...	9 9	1270	5.1	-0.9	2.1	-	10.6	20	-7.2	14	-	-	4.52	-	1.73	11	21	15	15	10	0	0	0	0	0	19	21	4	-	-						
Ayr	Carnwath ...	9 9	706	6.3	-0.1	3.1	-	11.7	21	-4.4	22	-	-	2.19	-	.79	11	19	12	10	6	1	0	0	0	0	17	26	4	-	-						
	Turnberry ...	9 9	25																																		
	Largs ...	9 9	20	8.1	2.3	5.2	-	11.1	6,20	-1.1	14																										



TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER FEBRUARY 1962

DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS										EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)		WEATHER Number of days												BRIGHT SUNSHINE				
			Means of		Difference from Average	Highest Maximum and Lowest Minimum				1 ft.	4 ft.	Total Fall	Percentage of Average	Most in a day		Precip'n		Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. O°C or less	Gale	Daily Mean	Percentage of Average					
			A Max.	B Min.		Mean of A and B	Maximum	Date	Minimum					Date	Amount	Date	0.1in. (0.2mm.) or more												0.1in. (1.0mm.) or more				
G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.													hr	%						
2 ENGLAND, N.E.—cont.																																	
Northumbria cont.	Haydon Bridge ...	9 9	270	7.3	1.0	4.1	-	11.7	6,7	-3.3	15	4.2	5.4	1.39	-	.22	26	19	13	4	3	0	0	0	0	1	13	23	4	2.33	-	5	
	Berwick-on-Tweed ...	9 9	76	7.4	1.8	4.6	+0.5	12.2	9,11	-2.8	22	-	-	.51	34	.09	28	14	7	6	1	0	5	0	0	0	8	19	5	3.06	-	117	
Durham	Ponteland ...	9 9	220	7.1	1.1	4.1	-	12.8	20	-2.8	22	-	-	.90	-	.25	26	9	7	3	0	1	0	1	0	1	10	19	7	-	-	-	
	Cockle Park ...	9 9	326	7.1	1.1	4.1	+0.8	15.0	20	-2.2	15,26,2	3.4	-	.71	37	.15	26	12	7	5	4	0	0	0	0	1	9	22	3	2.71	-	112	
	Acklington ...	21-9	138	7.2	1.7	4.5	-	11.7	20	-3.3	22	-	-	.52	-	.09	7	14	7	6	3	4	1	0	0	9	18	6	3.15	-	-		
	Tynemouth ...	21-9	95	7.1	3.1	5.1	+0.5	12.0	6,11	-1.1	26	-	-	.76	46	.14	25,26	13	7	7	0	2	0	0	0	5	15	8	2.53	-	-		
	Chopwellwood ...	9 9	446	7.4	1.1	4.3	+1.1	11.7	20	-3.3	15	-	-	1.23	62	.41	25	13	7	4	4	0	0	0	0	10	23	3	-	-	-		
	Ushaw College ...	9 9	594	6.6	0.8	3.7	+0.5	11.7	11,20	-3.3	26	-	-	1.33	64	.30	25	13	9	5	3	0	0	0	0	3	12	-	4	-	-	-	
	Houghall ...	9 9	123	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Durham ...	9 9	336	7.5	1.2	4.3	+0.8	13.9	20	-3.3	22	3.6	5.1	.81	46	.15	25	14	8	-	4	-	-	-	-	8	23	-	2.55	-	110		
	Gateshead ...	9 9	509	6.8	1.6	4.2	-	11.7	11,20	-2.2	26	-	-	.87	-	.19	25	13	7	-	4	-	-	-	-	0	7	17	-	2.88	-	-	
	Middleton St. Gge. ...	21-9	115	7.6	1.6	4.6	-	13.4	20	-3.1	22,26	-	-	.75	-	.15	25	13	6	6	3	0	1	0	1	9	21	1	2.99	-	-	-	
Yorks., N. Riding	West Hartlepool ...	9 9	30	8.0	2.2	5.1	-	12.8	9	-1.7	15,26	-	-	.93	-	.23	26	14	6	6	3	0	0	0	0	0	6	12	2	2.50	-	-	
	Dishforth ...	21-9	105	7.5	2.0	4.7	-	12.5	9	-2.8	26	-	-	.82	47	.20	26	12	7	6	3	0	1	0	1	0	10	15	2	2.91	-	-	
	York ...	9 9	57	7.8	1.8	4.8	+0.6	12.2	10	-2.2	26	3.8	5.3	.71	42	.22	26	14	8	5	3	1	1	0	0	8	-	3	2.46	-	124		
	Ampleforth ...	9 9	313	6.9	1.0	3.9	+0.5	11.1	9,15	-2.8	26	-	-	1.04	49	.28	26	13	10	8	-	0	3	0	1	10	23	5	2.54	-	5		
	Redcar ...	9 9	25	2.1	-	-	-	12.8	10	-1.7	15,22,27	-	-	.93	60	.18	27	15	9	-	2	-	-	-	-	0	7	-	-	-	-	-	
	Whitby ...	9 9	135	7.7	1.9	4.8	-	12.8	9	-2.2	26	-	-	.94	49	.13	15	15	11	7	4	0	1	0	0	10	-	4	2.43	-	-	-	
	Scarborough ...	9 9	118	7.8	2.2	5.0	+0.2	12.8	10	-1.7	26	-	-	1.09	61	.17	26	15	11	8	3	0	0	0	0	5	10	5	2.66	-	119		
	Silpho Moor ...	9 9	665	6.1	0.2	3.1	-	11.1	6,10	-3.3	15,26	2.9	-	1.52	-	.27	26	18	13	7	2	0	0	0	0	2	17	23	4	2.71	-	-	
	Fylingdales Moor ...	9 9	805	5.6	-0.5	2.5	-	10.0	9,10	-4.4	15	-	-	3.05	-	.80	15	18	11	9	7	3	1	0	2	18	-	4	-	-	-	-	
	Yorks., E. Riding	High Mowthorpe ...	9 9	574	6.0	0.2	3.1	-	10.6	10,20	-3.9	15,26	3.0	-	1.16	-	.17	26,27	12	11	8	4	0	0	0	0	1	16	25	3	2.57	-	-
Lincoln	Hull ...	9 9	8	8.2	1.8	5.0	+0.5	12.2	6,11	-2.2	15,26	4.1	5.6	.84	46	.26	25	11	8	7	3	0	0	0	0	6	17	1	2.50	-	125		
	Leconfield ...	21-9	24	7.4	2.1	4.7	-	12.4	11	-2.7	26	-	-	.80	-	.14	24	13	8	9	4	0	6	0	0	8	12	2	2.82	-	-	-	
	Filey ...	9 9	122	7.2	1.6	4.4	-	11.7	10	-2.2	26	-	-	1.12	-	.16	26,27	14	9	7	5	4	0	1	7	12	3	2.74	-	-	-		
	Bridlington ...	9 9	157	7.4	1.0	4.2	-	11.7	6,10	-2.2	15,26	-	-	1.20	-	.28	26	12	11	8	4	0	4	0	1	8	18	7	3.04	-	-		
	Spurn Head ...	21-9	29	6.6	2.7	4.7	+0.4	11.9	11	-2.0	26	-	-	.53	-	.15	6	10	5	7	1	0	4	0	1	4	-	7	2.25	-	91		
	Gainsborough ...	9 9	110	7.9	0.4	4.1	-	12.2	6,10,12	-4.4	28	-	-	1.01	-	.22	27	14	11	5	2	0	0	0	0	2	9	-	1	-	-	-	
	Waddington ...	21-9	224	6.9	1.9	4.4	-	12.1	11	-3.5	26	-	-	.59	-	.13	15	10	4	8	4	0	0	1	1	8	14	0	2.54	-	-	-	
	Lincoln ...	9 9	22	7.9	0.7	4.3	-	13.3	11	-3.9	9	3.8	4.8	.77	-	.14	15	12	8	4	3	0	0	0	2	10	22	4	2.71	-	-	-	
	Cranwell ...	9 9	205	7.4	1.1	4.3	+0.5	12.1	10	-4.4	26	4.3	6.2	.80	48	.29	7	11	7	7	3	0	2	0	0	10	16	3	2.77	-	113		
	Cleethorpes ...	9 9	23	7.5	1.7	4.6	+0.4	12.8	11	-2.2	26	-	-	.67	38	.11	7	11	7	-	2	-	-	-	-	1	8	20	-	2.47	-	102	
Manby ...	21-9	55	7.0	1.8	4.4	-	12.4	12	-2.3	26	-	-	.83	-	.15	25	14	9	8	3	4	2	0	1	8	16	3	2.73	-	-	-		
Skegness ...	9 9	15	7.5	1.6	4.5	+0.5	12.8	10	-2.2	15,26	-	-	.77	50	.12	7,14	12	8	6	2	1	7	0	0	6	16	7	2.50	-	101			
3 ENGLAND, E.																																	
Norfolk	Terrington	9 9	13	7.4	0.9	4.1	-	13.3	11	-3.3	26	3.9	-	.52	39	.17	7	11	5	3	3	0	0	0	0	1	12	20	0	2.54	-	-	
	St. Clement ...	21-9	76	6.9	1.6	4.3	-	13.3	12	-4.8	26	-	-	.93	-	.18	14	13	9	8	5	0	0	0	0	0	10	17	2	-	-	-	
Suffolk	Santon Downham ...	9 9	80	7.7	-0.7	3.5	-	13.9	12	-6.7	9	4.1	4.9	.99	-	.18	15	14	7	-	3	-	-	-	-	0	18	23	-	-	-	-	
	West Raynham ...	21-9	250	6.2	1.4	3.8	-	12.0	12	-5.3	26	-	-	1.44	-	.27	14	15	10	8	4	2	3	0	-	0	12	17	2	2.31	-	-	
	Cromer ...	9 9	178	6.9	1.1	4.0	-0.3	12.2	10,11,12	-3.3	26,27	-	-	1.72	102	.44	12	14	10	-	2	-	-	-	-	0	10	19	-	2.57	-	98	
	Sprowston ...	9 9	93	7.0	0.9	3.9	0.0	12.8	12	-3.9	27	4.3	-	1.36	79	.28	12	12	8	6	5	1	2	1	1	10	21	2	2.24	-	91	5	
	Burlingham ...	9 9	89	6.8	1.1	3.9	-	12.8	12	-2.8	26,27	-	-	1.09	66	.33	12	11	7	3	2	2	1	0	1	0	19	6	2.64	-	-	-	
	Gorleston ...	21-9	12	6.7	2.2	4.5	+0.1	13.2	12	-2.0	26	4.4	6.1	1.23	77	.25	12	14	9	8	4	1	2	1	1	6	15	3	2.59	-	103		
	Mildenhall ...	21-9	15	7.2	2.0	4.6	-	13.6	12	-3.3	26	-	-	.58	41	.13	7	9	5	9	2	0	2	0	1	9	17	1	2.85	-	-	-	
	East Bergholt ...	9 9	14	7.4	0.8	4.1	-	13.3	15	-3.3	9,26	-	-	.46	-	.18	12	8	4	6	2	0	1	0	1	16	23	0	-	-	-	-	
	Wattisham ...	21-9	292	5.9	1.1	3.5	-	12.6	12	-4.4	26	-	-	.64	-	.17	12	13	6	8	5	0	2	0	2	2	11	19	2	-	-	-	-
	Lowestoft ...	9 9	82	7.2	1.2	4.2	+0.1	12.8	12	-2.2	26,27	3.9	5.4	1.19	77	.28	12	11	6	7	2	0	2	0	0	0	11	17	2	2.62	-	99	
Cambridge	Boxworth ...	9 9	157	7.5	0.8	4.1	-	13.3	12	-3.9	26	-	-	.41	29	.14	12	7	4	4													



TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER FEBRUARY 1962

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation		Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)			WEATHER Number of days										BRIGHT SUNSHINE			
		Max.	Min.		Means of		Difference from Average	Highest Maximum and Lowest Minimum				1 ft.	4 ft.	Total Fall	Per-centage of Average	Most in a day	Precip'n		Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. O C or less	Gale	Daily Mean	Per-centage of Average		
					A	B		Maximum	Date	Minimum	Date						0 in. (0.2mm.) or more	0.01 in. (1.4mm.) or more													
					Max.	Min.																								Mean Temperature of A and B	Maximum
		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.												hr	%			
4 MIDLAND COUNTIES—cont.																															
Yorks.	Ilkley ...	9 9	315	6.8	1.3	4.1	+0.8	10.6	4	-3.9	26	-	-	2.40	73	.82	11	17	10	7	3	0	0	0	8	-	3	2.56	141		
W. Riding—	Sheffield ...	9 9	429	7.0	1.8	4.4	+0.4	12.2	10	-3.3	26	-	-	2.27	95	.54	11	13	11	9	4	0	0	0	8	-	3	2.45	135		
cont.	Wakefield ...	9 9	121	7.6	1.6	4.6	+0.5	11.7	6, 11	-2.8	26	4.2	5.6	.97	46	.27	25	11	7	4	3	0	0	0	1	8	20	3	-	-	
	Pontefract ...	9 9	255	7.2	1.4	4.3	+0.6	11.7	11	-3.3	26	-	-	.78	42	.17	25	13	9	7	4	0	0	0	2	11	13	2	-	-	
	Bramham ...	9 9	177	7.2	0.9	4.1	-	11.7	10	-2.8	22, 26	-	-	.98	-	.34	26	13	7	5	4	0	0	0	0	10	13	2	2.92	-	
	Cawood ...	9 9	20	7.4	0.9	4.1	-	12.2	11	-3.3	22	3.7	4.8	.55	33	.15	26	8	7	4	4	0	0	0	0	12	19	4	2.73	-	
	Askham Bryan ...	9 9	110	7.7	1.3	4.5	-	12.2	10	-2.8	22	-	-	.68	38	.28	26	10	7	4	3	0	0	0	0	9	19	2	2.71	-	
Derby	Buxton ...	9 9	1007	4.8	0.3	2.5	+0.2	9.4	10	-4.4	26	3.1	4.0	4.85	122	1.01	4	22	16	4	4	0	1	0	4	15	16	1	-	-	
	Chapel en le Frith ...	9 9	732	5.9	0.3	3.1	-	10.6	10	-6.7	15	-	-	3.11	-	.83	4	19	13	8	3	1	0	0	1	13	20	2	-	-	
	Mackworth ...	9 9	293	7.2	1.0	4.1	-	12.8	10	-3.9	15	-	-	.83	-	.26	4	10	6	5	3	0	1	0	1	10	18	2	-	-	
	Belper ...	9 9	203	7.6	0.9	4.3	+0.6	12.8	10, 11	-3.3	26	-	-	1.09	51	.39	4	9	4	3	2	0	0	0	-	12	-	0	-	-	
	Derby ...	9 9	159	7.9	1.7	4.8	-	12.8	10	-2.8	15, 26	-	-	.73	-	.18	4	13	5	5	2	0	0	0	0	8	18	2	2.39	-	
	Morley ...	9 9	350	6.8	1.0	3.9	-	12.2	10	-3.3	15, 26	-	-	.97	-	.34	4	13	5	5	3	0	0	0	-	11	20	2	2.47	- S	
	Chesterfield ...	9 9	298	7.6	0.9	4.2	-	12.8	10	-3.9	26	-	-	1.32	-	.39	11	12	9	6	4	0	0	0	3	10	-	1	-	-	
Nottingham	Sutton Bonington ...	9 9	157	7.4	1.1	4.3	+0.5	12.2	10, 12	-5.6	27	4.3	5.5	.65	39	.19	4	11	6	5	2	5	0	0	0	12	15	2	2.25	107	
	Watnall ...	21-9	385	6.8	1.7	4.3	-	12.2	10	-3.6	26	-	-	.89	44	.26	4	11	7	6	4	0	5	0	1	11	18	1	2.15	-	
	Mansfield ...	9 9	362	7.2	1.3	4.3	+0.7	11.7	10, 12	-3.9	26	3.5	-	.95	47	.18	4	13	8	4	3	0	0	0	3	10	14	0	-	-	
	Nottingham ...	9 9	192																												
	Warsop (Gleadthorpe) ...	9 9	150	7.6	0.8	4.2	-	12.2	10	-3.9	22, 26	-	-	.55	32	.12	25	14	5	5	3	0	2	0	3	10	19	2	2.61	-	
	Finningley ...	21-9	34	7.7	2.6	5.1	-	14.1	10	-2.6	26	-	-	.59	-	.22	25	10	5	7	3	0	2	0	1	8	13	3	2.69	- S	
Leicester	Newtown Linford ...	9 9	392	7.1	0.4	3.7	-	12.8	10, 12	-3.9	26	-	-	1.17	-	.31	4	13	8	6	4	0	1	0	0	1	13	16	0	2.61	-
	Caldecott ...	9 9	175	7.6	0.1	3.9	-	13.9	12	-5.0	15	-	-	.64	-	.20	4	8	5	-	2	-	-	-	-	0	15	20	-	2.66	-
Northampton	Raunds ...	9 9	193	7.4	0.7	4.1	-	13.9	12	-4.4	26	3.9	6.1	.51	34	.13	4	12	6	3	1	0	0	0	0	1	10	17	2	-	-
	Wittering ...	21-9	212	7.0	1.8	4.4	-	13.2	12	-3.9	26	-	-	.59	-	.19	4	9	5	7	2	0	6	0	0	8	18	2	2.95	-	
Warwick	Birmingham K.E.S. ...	9 9	450	7.0	1.4	4.2	-	12.8	12	-3.9	26	-	-	.82	-	.24	12	10	5	8	4	0	0	0	0	11	-	0	-	-	
	Birmingham ...	21-9	536	6.4	2.4	4.4	+0.4	12.3	12	-3.6	26	5.3	6.9	1.03	47	.33	12	10	6	6	3	2	0	0	0	1	10	13	2	2.18	109
	Luddington ...	9 9	138	7.8	1.1	4.5	-	12.8	12	-4.4	15	-	-	.29	19	.06	4, 12	9	3	4	1	0	2	0	0	0	11	16	2	2.52	-
	Stratford on Avon ...	9 9	160	7.7	0.6	4.1	-	12.8	10, 12	-5.0	15	4.7	-	.43	-	.12	12	6	5	6	2	0	0	0	0	0	13	24	1	2.55	-
	Birmingham Airport* ...	21-9	319	7.0	1.9	4.5	-	12.8	12	-3.8	26	-	-	.74	39	.25	12	9	6	6	2	0	2	0	1	9	12	2	2.33	-	
	Shipston on Stour ...	9 9	365	7.3	0.2	3.7	-	12.2	12	-4.4	26, 27, 28	4.6	-	.36	-	.11	12	9	4	4	1	0	0	0	1	13	19	-	2.80	- S	
	Wellesbourne ...	9 9	153	7.6	1.0	4.3	-	12.8	12	-3.9	15	4.1	5.4	.49	29	.14	12	6	6	4	1	0	1	0	0	12	19	5	2.49	-	
	Moreton Morrell ...	9 9	280	7.5	1.2	4.3	-	12.2	12	-3.9	15, 26, 28	-	-	.62	-	.16	12	10	5	6	1	0	0	0	0	11	21	5	2.35	-	
	Coventry ...	9 9	338																												
	Rugby ...	9 9	385	7.0	0.9	3.9	-	12.8	12	-3.9	26	3.7	6.0	1.03	-	.25	7	13	7	5	4	0	0	0	-	12	17	0	-	-	
Oxford	Oxford ...	9 9	208	7.4	1.6	4.5	0.0	11.7	10, 12, 16	-2.8	26, 27	4.2	5.8	.40	22	.10	12	9	5	4	1	0	0	0	0	11	18	0	2.52	102	
Buckingham	Aylesbury ...	9 9	316	7.0	0.8	3.9	-	11.7	10, 12, 16	-3.9	15, 26	-	-	.24	-	.06	4, 12	7	3	7	1	0	1	0	2	14	21	1	2.27	-	
Stafford	Keele ...	9 9	587	6.5	1.1	3.8	-	12.2	10	-3.3	26, 27	3.7	5.2	1.62	72	.74	12	16	7	7	2	0	1	0	0	11	17	0	2.19	-	
	Oaken ...	9 9	409	7.3	0.7	4.0	+0.5	12.2	10	-4.4	15	4.2	-	1.01	-	.43	12	9	5	-	-	-	-	-	-	12	23	-	-	-	
	Stone ...	9 9	350	7.1	1.1	4.1	-	12.2	10, 11	-4.4	15	-	-	1.48	-	.70	12	12	7	3	2	0	0	0	0	9	22	1	2.29	- S	
	Penkridge ...	9 9	330	6.7	0.7	3.7	-	11.1	3, 13, 12	-4.4	15	-	-	1.20	-	.46	12	12	9	0	0	0	0	0	0	13	21	4	-	-	
	Onecote ...	9 9	1350	4.0	-1.1	1.5	-	8.3	10, 11	-5.6	15, 26	2.3	4.0	.88	-	.88	12								2	20	25	1	2.20	-	
Shropshire	Oswestry ...	9 9	570	7.2	1.0	4.1	-	11.7	10	-3.3	26, 27	-	-	1.38	-	.54	12	9	6	4	2	2	0	0	0	0	9	17	0	2.52	-
	Church Stretton ...	-	582											1.10	42	.27	12	11	7	-	-	-	-	-	-	-	-	-	-	-	
	Shrewsbury ...	9 9	184	7.8	2.3	5.1	-	12.8	10	-2.2	15, 22, 27	5.6	7.3	.94	55	.19	12	15	8	4	2	0	5	0	1	7	15	3	2.37	-	
	Shawbury ...	21-9	235	7.5	2.0	4.7	-	13.2	10	-3.3	15, 22	-	-	1.01	58	.39	12	12	5	5	2	1	3	0	0	11	16	3	2.58	- S	
	Newport ...	9 9	211	7.5	1.1	4.3	-	12.8	10	-4.4	15	-	-	.94	54	.43	12	10	5	6	2	0	0	0	0	8	21	4			



TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER FEBRUARY, 1962

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation		Height of Station above Mean Sea Level		AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)				WEATHER (Number of days)										BRIGHT SUNSHINE											
						Means of		Difference from Average	Highest Maximum and Lowest Minimum				Total Fall			Per-centage of Average	Most in a day	Precip'n				Snow or Sleet	Snow lying at 9h.	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. O.C. or less	Gale	Daily Mean	Per-centage of Average										
																		A Max.	B Min.	Mean Temperature of A and B	Maximum											Date	Minimum	Date	1 ft.	4 ft.	in.	%	in.	0.1 in. (0.2 mm.) or more	0.4 in. (1.0 mm.) or more
G.M.T.		ft.		°C.		°C.		°C.		°C.		°C.		°C.		in.		%		in.		%		in.		%		in.		%		in.		%							
5 ENGLAND, S.E.—cont.																																									
Surrey																																									
—cont.																																									
Mickleham ...		99	179	7.5	0.7	4.1	-	12.8	18	-5.0	15	-	.57	25	.17	12	9	5	3	4	0	0	0	0	0	16	20	1	-	-	-	-	-								
Kew Observatory §§		21-9	18	7.3	3.3	5.3	+0.4	12.3	12	-3.2	26	4.5	7.0	.63	41	.37	12	8	3	5	2	0	1	0	0	4	14	0	2.43	113	-	-	-								
London (Gatwick) §§		21-9	192	7.1	1.8	4.5	-	12.9	12	-4.5	9	-	.65	-	.22	12	9	5	5	3	4	0	2	0	0	11	16	1	2.69	-	-	-	-								
Airport		99	220	7.4	1.3	4.3	-0.4	12.2	12	-3.9	26, 27	-	.58	29	.34	12	10	4	-	-	-	-	-	-	-	12	-	-	-	-	-	-	-								
Croydon (Waddon)		99	474	6.6	1.3	3.9	0.0	11.7	12	-4.4	26, 27	-	.94	45	.47	12	11	6	-	-	-	-	-	-	3	12	-	-	-	-	-	-									
Bromley ...		99	213	7.4	1.7	4.5	0.0	12.8	12	-3.3	26, 27	-	.70	40	.38	12	10	6	-	-	-	-	-	-	3	9	-	-	-	-	-	-									
Swanley ...		99	177	7.4	1.4	4.4	-	12.2	12	-3.9	26	4.9	.52	-	.35	12	8	2	4	2	0	1	0	1	10	17	0	1.68	-	-	-	-									
Dartford ...		99	17	7.8	1.3	4.5	-	12.8	12	-3.3	26	-	.58	38	.34	12	7	3	4	2	0	0	0	0	0	13	-	0	-	-	-	-									
Tunbridge Wells		99	351	6.8	0.1	3.5	-0.3	12.8	12	-4.4	9, 15, 26	3.8	5.5	.61	27	.25	12	11	4	5	1	0	1	0	2	18	16	0	2.42	94	-	-									
Goudhurst ...		99	280	7.1	0.8	3.9	-	12.2	12, 15	-4.4	26	-	.61	25	.25	12	9	5	4	2	1	1	0	0	0	15	19	0	-	-	-	-									
East Malling §§		99	122	7.3	1.3	4.3	+0.1	12.8	12	-3.9	26	-	.66	35	.37	12	11	4	6	2	0	0	0	0	2	13	19	0	2.28	97	-	-									
Benenden ...		99	195	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
Gillingham ...		99	14	7.7	1.9	4.8	-	13.3	12	-2.8	26, 27	-	.37	-	.21	12	8	2	4	0	0	0	0	0	1	11	-	0	1.83	-	-	-	-								
Sittingbourne ...		99	224	7.1	1.2	4.1	-	12.2	12	-3.9	26, 27	4.4	6.4	.50	-	.24	12	9	3	5	1	0	0	0	1	13	20	2	2.77	-	-	-	-								
Isle of Grain ...		99	9	7.6	2.4	5.0	-	12.8	12	-2.8	26	-	.33	-	.21	12	4	2	3	2	0	0	0	0	1	6	14	0	2.30	-	-	-	-								
Faversham ...		99	157	6.9	1.4	4.1	-	12.8	12	-3.9	26	4.8	6.2	.38	-	.18	12	9	3	5	1	2	1	1	0	11	19	0	2.32	-	-	-	-								
Dungeness ...		21-9	10	7.1	1.2	4.1	-	11.1	16	-3.1	28	-	.70	42	.41	12	9	5	3	0	0	0	0	0	1	14	-	4	-	-	-	-									
Wye ...		99	185	6.9	1.1	4.0	-0.1	12.8	12	-3.9	26	-	.69	31	.32	12	12	5	5	2	1	0	0	0	4	15	19	0	2.64	100	-	-	-								
Whitstable ...		99	9	7.1	1.8	4.5	-	12.2	12	-3.3	26, 27	-	.52	39	.35	12	9	2	4	2	0	0	0	0	0	4	-	0	2.28	-	-	-	-								
Folkestone ...		99	128	6.9	2.2	4.5	-	12.2	16	-3.3	26, 27	-	.75	41	.42	12	11	4	7	1	0	0	0	0	1	8	15	0	3.07	-	-	-	-								
Wingham (Elmstone)		99	28	7.3	1.2	4.3	-	12.8	12	-3.3	26, 27	-	.66	-	.35	12	14	3	-	-	-	-	-	-	-	8	13	-	-	-	-	-	-								
Herne Bay ...		99	21	7.1	2.7	4.9	-	12.8	12	-2.8	26, 27	-	.49	34	.34	12	8	1	3	1	0	0	0	0	0	3	-	0	2.35	-	-	-	-								
Dover ...		99	19	7.2	2.5	4.9	+0.1	12.8	16	-2.8	27	5.5	7.1	.73	35	.29	12	10	6	6	0	0	0	0	0	6	10	1	2.80	-	-	-	-								
Dover R.M.S. ...		99	402	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
Deal ...		21-9	18	7.1	3.3	4.2	-	13.5	5	-2.1	26	-	.51	-	.30	9	9	2	4	0	0	0	0	0	1	6	11	0	-	-	-	-	-								
Manston ...		21-9	145	6.7	2.3	4.5	-	12.7	12	-3.6	26	-	.48	-	.36	12	7	1	6	0	0	1	0	0	0	7	17	0	-	-	-	-	-								
Ramsgate ...		99	80	7.3	2.6	4.9	-	12.8	12	-2.8	26, 27	-	.55	37	.35	12	8	3	6	1	0	1	0	0	0	4	-	-	2.77	99	-	-	-								
Margate ...		99	51	6.8	2.8	4.8	-0.3	12.2	12	-2.8	26	4.9	7.1	.41	30	.30	12	7	1	2	0	0	2	0	0	3	12	3	2.51	89	-	-	-								
Thorney Island		21-9	10	7.7	2.6	5.1	-	13.2	18	-3.8	26	-	.57	28	.24	6	6	4	2	1	0	0	0	0	0	7	16	1	3.68	-	-	-	-								
Bognor Regis ...		99	24	7.6	2.0	4.8	-0.1	12.2	16, 18	-2.2	26, 27	-	7.6	.47	21	.31	12	6	3	2	0	0	0	0	0	2	7	18	1	3.85	132	-	-								
Littlehampton ...		99	15	7.7	1.8	4.7	-0.1	12.8	18	-2.8	26	-	6.8	.54	26	.30	12	7	4	1	1	0	0	0	0	9	-	1	3.69	126	-	-	-								
Rustington ...		99	10	7.7	1.4	4.5	-	12.8	18	-2.8	26	-	6.5	.44	-	.22	12	8	3	-	0	-	-	-	0	8	22	-	3.49	-	-	-	-								
Worthing ...		99	25	7.6	2.1	4.9	0.0	12.8	16	-2.8	26	5.1	7.2	.46	23	.19	12	8	3	3	0	0	0	0	0	7	20	0	4.02	137	-	-	-								
Brighton ...		99	32	7.5	2.4	4.9	-	12.2	16	-2.8	26, 27	-	7.3	.45	23	.18	12	7	4	3	0	0	0	0	0	3	6	18	0	3.50	-	-	-								
East Grinstead ...		99	400	7.3	0.8	4.1	-	12.8	12	-3.9	26, 27	4.7	-	.79	-	.26	10	7	4	1	0	0	0	0	0	13	18	3	-	-	-	-	-								
Seaford ...		99	45	7.1	1.2	4.1	-	11.7	16	-4.4	26, 27	-	-	-	-	-	-	-	-	-	-	-	-	-	1	14	-	-	3.20	-	-	-	-								
Eastbourne ...		99	23	7.3	2.4	4.9	-0.2	11.7	18	-2.8	26	5.7	8.3	.73	33	.40	12	8	5	3	-	0	0	0	0	1	6	15	1	3.11	108	-	-								
Eastbourne (C/guard)		21-9	17	7.4	2.7	5.1	-	12.7	18	-4.4	26	-	.75	-	.46	12	10	5	4	1	0	0	0	0	0	8	17	4	-	-	-	-	-								
Bexhill ...		99	12	7.3	1.8	4.5	-0.3	11.7	16	-3.9	26	5.8	-	.88	45	.54	12	8	6	3	2	0	0	0	0	9	17	1	(2.79)	-	-	-	-								
Sedlescombe ...		99	188	7.0	0.9	3.9	-	12.2	18	-4.4	27	-	.68	-	.30	12	10	6	3	2	1	0	0	0	0	13	21	1	-	-	-	-	-								
Bodiam ...		99	73	7.3	0.8	4.1	-	12.2	12, 18	-3.9	26, 27	4.8	6.8	.48	-	.20	12	8	4	-	1	-	-	-	0	16	22	-	2.51	-	-	-	-								
Hastings ... §§		99	149	7.1</																																					



TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER FEBRUARY 1962

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)			WEATHER Number of days										BRIGHT SUNSHINE				
				Means of		Difference from Average	Highest Maximum and Lowest Minimum			Total Fall	Percentage of Average			Most in a day		Precip'n	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. O.C. or less	Gale	Daily Mean	Percentage of Average				
				A	B		Maximum	Date	Minimum			Date	1 ft.	4 ft.	Amount													Date	0.1 in. (0.2mm.) or more	0.01 in. (0.1mm.) or more	
				Max. Min.	Max. Min.	Max. Min.	Max. Min.	Max. Min.	Max. Min.	Max. Min.	Max. Min.	Max. Min.	Max. Min.	Max. Min.	Max. Min.	Max. Min.	Max. Min.	Max. Min.	Max. Min.	Max. Min.	Max. Min.	Max. Min.	Max. Min.	Max. Min.	Max. Min.	Max. Min.	Max. Min.	Max. Min.	Max. Min.		
7a ENGLAND, N.W.																															
Cumberland	Sellafield ...	9 9	43	7.2	2.3	4.7	-	9.4	11, 15	-2.2	15	-	-	2.81	103	.61	11	16	16	-	0	-	-	-	-	1	7	15	-	2.85	-
	Carlisle ...	21-9	86	7.3	2.2	4.7	-	10.7	6	-2.1	15	-	-	1.78	-	.59	11	13	10	9	3	0	3	0	1	10	14	0	2.67	-	
	Newton Rigg	9 9	560	6.7	0.5	3.6	+0.4	11.1	11	-5.0	24	3.2	-	2.22	91	.82	11	16	12	-	3	-	-	-	0	13	20	-	3.00	135	
Westmorland	Spadeadam ...	9 9	900	4.8	-0.3	2.3	-	8.3	20	-7.2	15	2.4	38	4.57	-	1.79	11	22	15	13	4	2	3	0	5	18	21	4	2.24	-	
	Ambleside ...	9 9	151	7.3	1.8	4.5	-	10.6	4	-2.8	15, 22	-	-	8.17	135	3.96	11	19	16	4	3	0	0	0	0	6	-	1	2.00	-	
	Great Dun Fell ...	-	2780	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Lancashire	Moor House ...	9 9	1825	2.7	-2.6	0.1	-	7.2	11	-6.7	15	1.5	-	(5.61)	-	1.26	11	22	(10)	-	11	-	-	-	4	24	26	-	-	-	
	Barrow-in-Furness ...	9 9	55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	2	-	-	-	-	-	
	Squires Gate ...	21-9	33	6.7	2.9	4.8	-	9.7	6	-2.0	26	-	-	1.59	73	.39	4	17	9	4	2	1	1	0	1	8	11	3	2.35	-	
Cheshire	Urswick ...	9 9	130	7.3	1.7	4.5	-	8.9	4, 15, 21	-2.2	15, 26	-	-	2.92	-	.58	15	18	12	4	2	0	0	0	4	8	-	5	-	-	
	Poulton-le-Fylde ...	9 9	38	6.9	2.2	4.5	-	10.0	6	-1.7	26	-	-	1.93	-	.42	11	15	11	3	0	0	0	0	0	6	-	1	-	-	
	Grizedale ...	9 9	300	6.8	1.0	3.9	-	9.4	4, 11, 15	-3.9	15, 22	4.0	-	6.89	-	2.55	11	18	14	3	3	0	0	0	2	12	20	1	-	-	
	Liverpool Airport ...	21-9	80	7.7	3.4	5.5	-	13.1	10	-2.3	26	-	-	1.47	72	.40	12	13	10	5	2	0	3	0	1	8	10	2	2.24	-	
	Kirkham ...	9 9	78	7.2	2.2	4.7	-	10.0	6	-2.8	15	-	-	2.10	86	.45	11	16	11	5	1	1	1	0	1	6	15	0	2.54	-	
	Garstang ...	9 9	68	7.2	1.8	4.5	-	10.0	4	-3.3	15	-	-	2.48	-	.67	11	16	12	-	2	-	-	-	1	8	17	-	2.51	-	
	Morecambe ...	9 9	24	6.9	2.1	4.5	+0.3	9.4	8, 9	-1.1	14, 26	-	-	2.87	113	.77	11	18	11	1	0	0	0	0	0	6	-	0	2.52	110	
	Preston (Moor Pk.) ...	9 9	108	7.1	2.2	4.7	-	10.6	4, 5, 6	-2.8	15	-	-	2.59	97	.48	4	18	10	5	1	1	0	0	1	2	7	13	2	-	-
	Bolton ...	9 9	352	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Darwen ...	9 9	724	5.7	0.4	3.1	+0.1	9.4	4, 20	-3.3	26	3.5	4.4	4.73	111	1.06	4	20	15	5	3	0	0	0	0	13	-	0	-	-	
	Stonyhurst	9 9	377	6.6	1.6	4.1	+0.5	10.0	4	-2.8	26	-	-	4.29	118	1.17	11	20	14	-	3	-	-	-	3	9	15	-	2.54	131	
	Manchester Weather Centre ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Helmshore ...	9 9	854	5.3	0.4	2.9	-	9.4	4	-3.9	26, 27	3.6	-	5.93	-	1.30	11	21	15	-	4	-	-	-	-	2	13	17	-	2.04	-	
Manchester (Smokeless Zone) ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Burnley ...	9 9	655	5.7	0.8	3.3	-	9.4	4, 6	-4.4	15	4.1	5.6	3.66	-	1.09	11	16	14	4	4	0	0	0	0	1	11	20	1	1.57	-	
Nelson ...	9 9	540	5.8	1.2	3.5	-	10.0	4	-3.3	26	3.4	5.1	3.78	105	1.28	11	19	15	-	3	-	-	-	-	1	9	18	-	2.06	-	
Rochdale ...	9 9	362	6.6	1.2	3.9	-	11.1	11	-3.3	15	-	-	3.20	-	.76	11	17	14	3	3	0	0	0	0	1	9	16	4	2.14	-	
West Kirby Park ...	-	9 9	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Bidston Obs'y. ...	9 9	198	7.2	3.1	5.1	+0.7	12.2	4, 11	-2.2	26	-	-	.98	51	.27	12	12	7	-	-	-	-	-	1	3	7	-	2.36	103	
	Northwich (Winnington) ...	9 9	65	8.2	2.7	5.5	-	12.8	10	-1.7	15	-	-	1.42	67	.48	12	14	7	3	2	0	2	0	0	6	13	4	-	-	
Knutsford ...	9 9	212	7.5	1.6	4.5	-	12.8	10	-3.3	15	4.1	5.2	1.65	-	.46	12	14	10	-	3	-	-	-	-	0	8	-	-	-		
Manchester Airport ...	21-9	248	6.9	2.4	4.7	+0.5	11.1	6, 10	-3.6	15	-	-	1.91	81	.43	12	15	11	5	2	0	2	0	0	7	13	2	2.26	129		
Macclesfield ...	9 9	500	6.3	1.3	3.8	+0.4	11.1	10	-3.9	15	-	-	2.27	83	.55	4	17	9	6	3	0	2	0	0	0	9	-	2	-	-	
7b NORTH WALES																															
Flint	Rhyl ...	9 9	31	8.1	3.2	5.7	+0.5	13.3	11	-1.1	15, 26, 27	-	-	1.22	66	.57	12	12	9	3	2	0	4	0	1	5	8	3	1.88	78	
	Prestatyn ...	9 9	12	8.3	3.2	5.7	-	13.3	11	-1.1	22, 26, 27	-	-	1.46	74	.74	12	11	8	5	0	0	0	0	1	8	-	0	-	-	
	Hawarden Bridge ...	9 9	17	8.4	2.9	5.7	+0.9	13.3	11	-2.2	22	-	-	1.06	54	.54	12	13	5	4	2	0	3	0	1	8	-	2	-	-	
Anglesey	Holyhead (Valley) ...	21-9	26	7.8	4.0	5.9	+0.1	11.0	12	-2.1	26	-	-	1.59	69	.40	4	18	10	5	2	2	0	0	0	3	8	2	2.72	103	
	Alwen ...	9 9	1100	5.3	-0.3	2.5	-	9.4	3	-6.1	15	-	-	3.29	-	1.13	12	18	10	-	-	-	-	-	-	14	18	-	-	-	
	Ruthin ...	9 9	248	7.7	2.2	4.9	-	12.8	6	-3.9	15	-	-	1.30	-	.50	12	10	8	-	0	-	-	-	0	8	-	-	-	-	
Denbigh	Loggerheads ...	9 9	690	6.4	0.8	3.6	-	10.6	10, 15	-5.6	22	4.1	5.4	1.84	-	.81	12	16	10	6	3	0	0	0	2	12	14	4	-	-	
	Bwlchgwyn ...	9 9	1267	4.7	0.0	2.3	-	8.9	10	-5.0	26, 27	3.7	-	2.35	-	.70	12	18	10	3	3	0	2	0	1	15	21	2	-	-	
	Wrexham ...	9 9	275	8.0	2.2	5.1	-	12.8	6	-3.9	22	4.7	5.6	1.32	-	.66	12	13	6	5	0	0	0	0	1	7	19	0	-	-	
Caernarvon	Bardsey Island ...	21-9	60	7.5	3.2	5.3	-	10.5	12	-0.6	25	-	-	.74	-	.26	12	9	7	-	-	-	-	-	0	6	7	-	-	-	
	Botwnnog ...	9 9	112	8.1	3.3	5.7	-	11.7	10	-2.2	26	5.9	7.1	1.36	-	.26	12	17	10	4	0	0	2	0	1	5	10	3	2.36	-	
	Bryn Adda ...	9 9	275	7.2	2.9	5.1	-	10.0	4	-1.1	15, 26, 27	-	-	2.35	-	.50	12	16	12	3	0	1	2	0	0	6	12	0	2.17	-	
Merioneth	Cwm Dyli ...	9 9	324	7.2	2.8	5.0	-	11.1	4	-2.2	26	5.3	-	9.67	-	2.20	12	21	16	-	3	-	-	-	1	6	12	-	-	-	
	Aber ...	9 9	60	8.3	3.3	5.8	+0.1	12.2	4	-1.7	27	-	-	2.23	71	.49	11	17	8	4	0	3	0	0	0	4	13	1	1.46	73	
	Llandudno ...	9 9	13	7.9	4.1	6.0	+0.4	11.7	4, 6, 11	-0.5	15, 27	-	-	1.85	85	.44	12	14	11	4	0	3	0	0	0	3	-	2	2.03	83	
Montgomery	Llyn Stwlwn ...	9 9	1656	3.4	-0.5	1.5	-	7.2	3, 12	-5.6	26, 27	-	-	8.49	-	1.75	4	20	17	-	3	-	-	-	-	17	20	-	-	-	
	Trawsfynydd ...	9 9	611	6.5	1.8	4.1	-	9.4	3, 4	-2.8	15, 26, 27	-	-	4.91	-	1.20	12	17	17	-	3	-	-	-	1	10	14	-	-	-	
	Blaenau Ffestiniog ...	9 9	750	6.1	2.3	4.2	-	9.4	4, 12	-2.2	26, 27	-	-	8.08	-	1.91	4	19	16	4	3	1	0	0	3	10	-	0	1.99	-	
Pembroke	Corwen ...	9 9	473	7.5	0.9	4.2	-	11.7	6	-4.4	15	-	-	2.88	-	.58	12														



TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER FEBRUARY 1962

DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)		WEATHER Number of days										BRIGHT SUNSHINE						
			Means of		Mean Temperature Mean of A and B	Difference from Average	Highest Maximum and Lowest Minimum				1 ft.	4 ft.	Total Fall	Percentage of Average	Most in a day	Precip'n		Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min (°C. or less)	Gale	Daily Mean	Percentage of Average			
			A	B			Maximum	Date	Minimum	Date						0.1 in. (2.5 mm.) or more	0.1 in. (2.5 mm.) or more														
			Max.	Min.			Max.	Date	Min.	Date						Amount	Date														
G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.														hr	%				
8b ENGLAND, S.W.																															
Somerset	Hawkrigg (Liscombe)	9 9	1030	5.6	0.8	3.2	-	8.9	3, 6, 16	-4.4	26, 27	-	-	4.18	-	1.41	12	19	10	-	2	-	-	-	0	12	19	-	-	-	
	Cannington	9 9	95	8.0	2.6	5.3	-	12.2	10, 16	-3.3	26	5.9	-	.34	16	.10	6	7	6	0	0	0	0	0	0	3	2.75	-	-		
	Weston-s.-Mare	9 9	28	7.4	2.7	5.1	-	10.6	6, 19	-2.2	26, 27	-	-	.68	32	.22	12	8	5	1	0	0	0	0	1	5	-	3	2.90	117	
	Long Ashton	9 9	162	7.7	2.1	4.9	+0.1	11.7	11, 18	-2.8	15, 26	5.5	-	.49	15	.16	4	7	4	6	0	0	0	0	1	9	14	0	3.02	126	
Dorset	Bath (City)	9 9	388	7.2	1.6	4.4	-	11.1	18	-3.9	26	-	-	.44	-	.12	4, 6	8	4	1	1	0	0	0	1	10	-	0	-	-	
	Boys' School	9 9	67	7.9	1.9	4.9	0.0	12.2	18	-3.3	15	5.0	6.4	.51	22	.14	4	8	4	2	0	0	2	0	10	16	0	2.63	107		
	Bath	9 9	35	7.5	4.4	5.9	-0.1	10.3	12	-3.0	26	-	-	.22	11	.10	4	6	3	4	0	0	0	0	0	3	-	4	-	-	
	Portland Bill	21-9	16	8.7	2.2	5.5	-0.3	13.3	18	-2.8	26	-	-	.27	12	.07	2	8	4	-	2	-	-	-	0	5	-	3.32	119		
Devon	Weymouth	9 9	680	6.7	0.2	3.5	-0.4	11.7	19	-6.1	26	-	-	.79	32	.27	7	8	6	-	0	-	-	-	2	12	-	-	-	-	
	Shaftesbury	9 9	37	8.6	2.7	5.7	-	13.3	18	-2.8	27	-	8.2	.29	-	.08	12	7	4	3	-	0	0	0	0	5	6	9	3.04	-	
	Swanage	9 9	18	8.7	1.9	5.3	-	13.9	18	-3.3	9, 15, 26	-	-	.24	-	.08	12	8	2	2	0	0	0	0	10	-	0	3.08	-		
	Poole	9 9	412	7.3	1.8	4.5	-	11.1	19	-4.4	27	-	-	1.71	-	.44	12	17	8	4	3	0	0	1	2	12	-	2	-	-	
Cornwall	Hartland Pt.	21-9	298	6.9	4.3	5.6	-	9.9	11	-1.3	26	-	-	.83	-	.22	2	9	6	3	0	1	0	0	1	3	6	11	2.54	-	
	Plymouth (Mt. Batten)	21-9	87	8.0	3.6	5.8	-0.4	11.4	10	-2.9	27	-	-	.62	20	.25	4	8	5	5	1	0	3	0	1	6	9	1	3.04	113	
	Plymouth (The Hoe)	9 9	119	8.4	3.3	5.9	-0.3	12.8	19	-2.2	26, 27	6.8	8.5	.57	19	.20	4	8	5	4	1	0	0	0	2	4	-	3	3.07	112	
	Chivener	21-9	20	8.1	4.2	6.1	-	12.7	19	-2.1	26	-	-	1.01	-	.24	2	13	5	5	2	2	1	0	1	3	11	1	2.99	-	
Somerset	Ifracombe	9 9	25	7.8	4.1	5.9	-0.4	11.1	6	-2.2	26, 27	6.8	8.7	1.10	41	.27	4	9	6	3	1	0	1	0	0	2	6	0	2.65	109	
	Totnes	9 9	120	8.5	2.1	5.3	-	12.8	18	-3.3	26	6.7	8.2	1.05	27	.26	4	10	7	5	2	0	0	0	0	7	17	1	2.79	-	
	Slapton	9 9	104	8.3	3.0	5.7	-	12.2	10, 11	-1.7	15, 26, 27	-	-	.77	-	.29	4	8	6	5	0	0	0	0	4	10	0	-	-	-	
	Newton Abbot	9 9	272	8.3	2.4	5.3	0.0	13.3	3	-3.3	26, 27	-	-	.63	20	.16	12	9	5	2	2	0	0	0	0	9	13	0	2.96	110	
Devon	Paignton	9 9	8	8.8	3.0	5.9	-	12.8	3, 10	-1.7	15, 26, 27	-	-	.46	15	.11	6	8	5	4	2	0	1	0	0	5	13	0	2.70	103	
	Torquay	9 9	26	8.7	3.3	6.0	-0.2	12.8	3, 6	-1.7	15, 27	-	8.1	.34	12	.09	7	8	4	4	2	0	0	0	0	5	8	1	3.20	117	
	Teignmouth	9 9	20	8.8	3.8	6.3	+0.1	12.8	3, 10	-2.2	26	-	-	.21	8	.07	12	8	1	4	1	0	0	0	0	4	5	1	2.85	104	
	Starcross	9 9	29	8.6	2.9	5.7	-	13.3	3, 6	-2.2	26	6.1	-	.30	-	.07	6, 28	6	4	5	2	0	0	0	0	5	12	2	3.56	-	
Cornwall	Exeter (Southam)	9 9	160	8.3	2.1	5.2	-	12.8	3, 18, 19	-3.3	26	-	-	.38	-	.13	12	7	4	2	2	0	0	0	3	10	-	1	-	-	
	Exmouth	9 9	195	8.1	2.6	5.3	-0.1	12.8	3	-3.3	26	-	-	.57	23	.20	26	8	4	5	2	0	0	0	1	9	-	1	3.09	114	
	Exeter	21-9	106	8.1	3.2	5.7	-	12.7	3	-3.2	15	-	-	.41	15	.11	12	7	4	5	1	0	1	0	0	6	13	3	2.91	-	
	Sidmouth	9 9	25	8.6	3.1	5.9	+0.2	12.8	3, 12	-2.2	15, 26, 28	-	-	.30	-	.09	7	5	5	-	2	-	-	-	1	6	10	-	3.23	-	
Somerset	St. Mary's, Scilly	21-9	158	8.7	6.0	7.3	-0.3	12.2	6	0.0	26, 27	-	-	1.34	49	.57	27	13	7	2	2	2	0	0	0	2	-	12	2.30	83	
	Penzance	9 9	62	9.1	4.6	6.9	-0.4	12.8	18	-1.7	26, 27	-	-	1.40	40	.30	4	14	10	2	2	0	1	0	0	3	8	1	3.05	111	
	Gulval	9 9	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Culdrose	9 9	268	7.9	3.2	5.5	-	11.1	5, 16	-3.3	26	-	-	1.62	-	.27	4	13	11	5	2	2	0	0	3	3	9	3	2.78	-	
Devon	Camborne (Rosewarne)	9 9	250	7.9	4.0	5.9	-	11.7	19	-2.8	26, 27	6.7	8.2	1.36	-	.31	27	15	9	5	2	3	0	0	0	4	9	4	2.72	-	
	Lizard	9 9	240	8.3	4.4	6.3	-	11.6	19	-2.0	27	-	-	1.80	63	.67	27	14	8	2	-	0	0	0	-	2	-	9	2.74	-	
	Falmouth	9 9	167	8.3	4.2	6.3	-0.4	12.8	18	-2.2	26, 27	-	-	1.48	40	.31	4	13	11	2	2	0	0	0	0	3	7	3	2.44	93	
	Newquay	9 9	176	8.1	4.2	6.1	-0.2	11.7	19	-2.2	26, 27, 28	-	-	1.07	40	.21	4	15	8	3	-	0	2	0	-	4	-	1	2.84	106	
Cornwall	St. Mawgan	21-9	337	7.7	3.6	5.7	-	11.1	6	-3.1	26	-	-	1.00	-	.21	4	14	8	5	2	1	0	0	1	6	8	1	3.17	-	
	St. Austell	9 9	310	8.1	3.2	5.7	-	11.7	6, 16, 18	-2.8	26	-	-	1.83	45	.37	4	16	12	4	2	0	3	0	0	6	-	2	-	-	
	Fowey	9 9	51	8.8	3.8	6.3	-0.3	12.2	17	-2.2	26	-	-	1.28	-	.31	4	15	10	5	2	0	0	0	1	3	-	1	-	-	
	Bude	9 9	50	8.2	3.4	5.8	-0.1	11.1	6, 19	-3.3	27	5.7	-	1.00	40	.29	6	10	5	-	3	-	-	-	4	-	-	2.58	94		
Somerset	Ellbridge	9 9	190	8.2	2.2	5.2	-	11.7	6, 19	-2.8	26	-	-	.94	-	.24	4	12	7	2	1	1	0	0	1	8	15	3	3.17	-	
	NORTHERN IRELAND																														
	Londonderry	Loughmore Forest	9 9	572	7.1	1.0	4.1	-	11.7	20	-5.0	24	-	-	2.51	-	.50	11	15	13	4	1	2	0	0	1	9	18	3	-	-
		Eglinton	9 9	38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ballykelly		21-9	3	8.2	3.6	5.9	+0.6	11.9	11	-4.2	24	-	-	1.42	60	.51	11	15	6	7	1	8	0	0	0	4	11	10	2.47	94	
Derrynoyd Forest		9 9	292	7.9	1.7	4.8	-	11.1	6, 11, 15	-2.2	24	-	-	3.61	-	1.10	11	21	17	4	2	0	0	0	0	8	18	0	-	-	
Antrim	Somerset Forest	9 9	142	8.3	2.2	5.3	-	11.7	11	-5.0	24	-	-	2.20	-	.67	11	15	13	0	2	0	0	0	1	7	16	0	-	-	
	Garvagh Forest	9 9	292	7.9	1.7	4.8	-	11.1	6, 11, 19	-5.0	24	-	-	3.02	-	1.08	11	18	13	9	4	1	0	0	0	9	21	0	-	-	
	Garvagh	9 9	121	8.3	2.1	5.2	+0.8	11.7	11	-5.6	24	-	-	2.35	83	.75	11	19	10	10	1	3	5	1	0	6	17	1	-	-	
	Portrush	-	18	-	-	-	-	-	-	-	-	-	-	2.15	-	.55	11	19	15	-	-	-	-	-	-	-	-	-	2.66	-	
Down	Aldergrove	21-9	217	7.4	2.3	4.9	+0.3	11.2	12, 20	-3.0	14	-	-	1.16	49	.26	11	15	9	9	1	2	1	0	0	7	15	4	2.47	115	
	Nutts Corner	21-9	338	7.1	2.6	4.9	-	11.2	20	-3.																					



TABLE IV—SUMMARY OF OBSERVATIONS AT FIXED HOURS FEBRUARY 1962

[illegible]



TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS FEBRUARY 1962

DISTRICT, COUNTY AND PLACE		Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (OKTAS)					VISIBILITY							WIND, NUMBER OF OBSERVATIONS																					
				At Mean Sea Level	Difference from Average	Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	Mean Amount	No. of Observations					NUMBER OF OBSERVATIONS							FORCE (0-12)				DIRECTION																
											0	1	3	6	9	0-44 yd.	45-210 yd.	220-430 yd.	440-1,000 yd.	1,100-2,100 yd.	2,200-4,300 yd.	3-6 mi.	7-12 mi.	13-24 mi.	25 mi. or over	Beaufort Force				N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.						
																										Speed in knots																	
																										8 or more	6, 4, 1 to 3	5 3	Calms														
																										33 to 30	21 to 10	0	0														
2 ENGLAND, N.E.																																											
Northumbria	Acklington	H	3	151	1020.6	-	3.8	0.9	6.9	85	5.6	2	2	6	7	11	0	0	0	0	0	0	0	0	0	2	7	11	7	2	6	13	6	1	1	3	3	0	1	8	10	5	4
		H	9	151	1021.5	-	3.9	1.0	6.8	83	5.7	1	2	8	11	6	0	0	0	0	0	0	0	0	2	2	9	10	5	0	0	7	16	5	0	0	4	2	1	2	10	5	4
		H	15	151	1021.0	-	5.9	1.6	7.1	76	5.8	0	3	7	10	7	1	0	0	0	0	0	0	0	3	5	12	7	1	1	8	14	5	0	2	5	3	1	0	8	6	3	
		H	21	151	1021.6	-	4.1	1.0	6.9	83	5.4	2	4	5	6	11	0	0	0	0	0	0	0	0	3	5	17	3	1	7	14	6	0	1	4	3	1	1	3	14	1	1	
	Tynemouth	H	3	130	1020.9	-	4.7	1.3	7.0	80	5.4	6	1	3	5	13	0	0	0	0	0	0	0	0	3	7	7	0	4	6	9	8	1	1	0	7	0	0	2	16	1	1	
		H	9	130	1021.7	+8.3	4.5	1.3	6.7	79	6.0	2	0	8	7	11	0	0	0	0	0	0	0	3	16	6	3	0	0	7	14	6	1	0	1	6	0	1	4	11	4		
		H	15	130	1021.5	-	6.1	2.0	6.7	70	6.1	0	2	8	8	10	0	0	0	0	0	0	0	1	8	16	3	0	3	5	16	4	0	3	2	7	0	2	1	12	1	1	
		H	21	130	1021.9	-	5.0	1.5	6.8	76	5.5	4	2	4	8	10	0	0	0	0	0	0	0	0	1	7	16	4	0	1	7	15	4	1	2	1	6	1	0	3	12	2	2
Durham	Middleton St. George	H	3	118	1021.6	-	3.6	0.9	6.5	81	4.5	4	6	3	9	6	0	0	0	0	0	0	1	1	1	2	20	3	0	0	4	11	12	1	1	5	2	0	2	7	8	2	2
		H	9	118	1022.5	-	3.8	1.1	6.7	82	5.9	0	3	4	13	7	1	0	0	0	0	0	1	3	11	7	1	0	5	12	10	1	1	4	3	0	3	6	6	4	4		
		H	15	118	1022.1	-	6.2	2.0	6.7	70	5.8	0	2	8	12	6	0	0	0	0	0	0	1	2	4	11	6	4	0	4	19	5	0	2	5	4	0	2	3	8	4	4	
		H	21	118	1022.6	-	4.3	1.3	6.6	78	4.8	4	6	1	12	5	0	0	0	0	0	0	0	6	16	3	0	0	3	11	14	0	3	4	3	0	2	4	10	2	2		
Yorks., N. Riding	Dishforth ...	H	3	131	1022.0	-	3.5	0.9	6.5	82	4.9	6	3	3	7	8	1	0	0	0	0	0	2	6	5	5	8	1	2	10	15	0	4	2	4	0	3	13	0	0			
		H	9	131	1022.8	-	3.9	1.3	6.5	79	6.4	0	3	3	15	7	0	0	0	0	0	0	4	5	8	6	4	1	2	10	15	0	2	2	5	0	1	6	8	4			
		H	15	131	1022.2	-	6.1	2.1	6.7	70	6.1	0	2	6	17	3	0	0	0	0	0	0	2	5	7	10	4	0	4	17	6	1	2	2	6	0	1	4	5	7			
		H	21	131	1022.8	-	4.2	1.3	6.7	78	5.0	4	5	3	8	8	0	0	0	0	0	0	12	2	7	7	0	0	3	10	14	1	2	6	2	0	2	3	9	3			
Yorks., E. Riding	Leconfield	H	3	28	1021.7	-	3.9	1.2	6.7	82	4.8	5	4	4	5	10	0	0	0	0	0	0	0	10	5	10	2	0	5	11	12	0	1	1	7	0	0	5	11	3	3		
		H	9	28	1022.5	-	3.9	1.1	6.7	82	6.1	0	4	2	15	7	0	0	0	0	0	0	2	11	8	4	1	1	2	12	13	0	1	1	7	0	0	5	9	5			
		H	15	28	1022.1	-	6.2	2.0	6.8	71	6.1	0	2	4	19	3	0	0	0	0	0	0	2	11	7	6	2	0	4	19	5	0	2	2	7	0	1	3	8	5			
		H	21	28	1022.7	-	4.1	1.1	6.8	82	5.5	3	3	3	10	8	1	0	0	0	0	0	1	2	10	9	5	0	0	3	12	13	0	2	1	8	0	0	3	11	3		
	Spurn Head	H	3	54	1021.4	-	4.3	1.2	6.9	81	4.5	8	2	4	4	10	0	0	0	0	0	0	0	1	4	20	3	0	0	11	10	7	0	1	1	7	0	1	5	9	4		
		H	9	54	1022.0	+7.7	4.1	1.0	6.9	83	6.0	1	2	4	14	7	0	0	0	0	0	0	0	1	4	20	3	0	0	7	12	6	0	1	1	7	0	0	6	7	6		
		H	15	54	1021.9	-	5.5	1.6	7.0	78	6.3	1	2	2	13	10	0	0	0	0	0	0	0	1	4	21	2	0	0	8	14	4	0	4	0	8	0	1	5	6	4		
		H	21	54	1022.2	-	4.6	1.1	7.0	81	4.8	5	1	9	4	9	0	0	0	0	0	0	0	1	1	26	0	0	0	7	13	7	0	1	1	7	0	0	4	10	5		
Lincoln	Waddington	H	3	227	1022.7	-	3.3	1.0	6.6	84	5.4	5	2	3	6	11	1	0	0	0	0	0	1	3	7	8	7	1	0	2	13	13	0	1	6	1	0	4	6	7	3		
		H	9	227	1023.3	-	3.5	1.0	6.7	83	5.7	0	7	2	9	10	0	0	0	0	0	0	1	3	6	7	6	2	0	3	13	12	0	2	6	1	0	3	8	5	3		
		H	15	227	1022.6	-	5.7	1.7	7.0	75	6.0	0	2	5	17	4	0	0	0	0	0	0	1	2	9	8	5	3	0	3	19	5	1	1	8	0	0	1	8	6	3		
		H	21	227	1023.4	-	3.7	1.0	6.9	84	5.4	5	2	1	13	7	0	0	0	0	0	0	2	14	6	3	1	0	0	2	11	14	1	0	8	0	0	2	7	6	4		
	Manby ...	H	3	47	1022.1	-	3.4	1.2	6.5	81	4.9	5	5	3	3	12	0	0	0	0	0	0	1	0	2	8	12	4	1	0	2	17	9	0	1	1	7	0	2	5	8	4	
		H	9	47	1022.7	-	3.8	1.1	6.6	81	6.0	0	4	4	11	8	1	0	0	0	0	0	1	3	8	7	6	2	1	2	21	4	0	1	1	7	0	0	5	8	6		
		H	15	47	1022.2	-	5.7	1.8	6.8	73	6.1	0	5	1	14	8	0	0	0	0	0	0	1	2	10	10	3	2	0	4	19	5	0	2	2	6	0	1	5	6	6		
		H	21	47	1022.7	-	3.7	1.1	6.6	81	4.4	4	7	4	4	9	0	0	0	0	0	0	0	0	0	0	2	12	10	4	0	0	3	14	10	1	0	3	5	0	1	4	9
3 ENGLAND, E.																																											
Norfolk	Marham	H	3	89	1022.8	-	3.7	1.0	6.9	84	4.9	6	0	2	5	13	2	0	0	0	0	1	1	3	9	10	3	0	0	5	13	8	2	1	4	3	0	4	2	9	3		
		H	9	89	1023.2	-	3.5	1.0	6.8	84	5.9	1	3	5	13	6	0	0	0	0	0	0	0	0	2	4	10	7	1	0	4	14	9	1	5	2	2	0	2	7	5	4	
		H	15	89	1022.7	-	5.6	1.5	7.1	77	6.5	0	3	2	12	11	0	0	0	0	0	0	0	1	2	7	7	11	0	0	3	20	5	0	5	6	2	0	3	6	3	3	
		H	21	89	1023.1	-	4.0	1.0	6.9	83	5.5	2	6	3	3	14	0	0	0	0	0	0	0	0	3	15	7	3	0	0	3	17	8	0	1	7	1	0	4	5	6	4	
	West Raynham	H	3	263	1022.1	-	2.9	0.7	6.7	87	5.7	4	3	2	2	16	1	0	0	0	0	0	0	1	3	6	16	1	0	1	3	15	9	0	0	3	5	0	1	5	8	6	
		H	9	263	1022.7	-	3.0	0.9	6.5	84	6.4	1	3	0	13	10	1	0	0	0	0	0	1	1	3	6	9	8	0	0	7	12	9	0	1	4	4	0	0	7	8	4	
		H	15	263	1022.2	-	4.6	1.3	6.8	79	6.2	0	5	2	10	10	1	0	0	0	0	0	0	2	3	6	12	4	1	0	5	20	3	0	4	4	0	0	8	5	3		
		H	21	263	1022.7	-	3.2	0.8	6.7	85	5.7	3	4	2	4	15	0	0	0	0	0	0	0	0	1	3	8	14	2	0	0	3	16	8	1	0	6	3	0	2	4	8	4



TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS FEBRUARY 1962

DISTRICT, COUNTY AND PLACE	Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (OKTAS)					VISIBILITY										WIND, NUMBER OF OBSERVATIONS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
			At Mean Sea Level	Difference from Average	Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	Mean Amount	NO. OF OBSERVATIONS					NUMBER OF OBSERVATIONS										FORCE (0-12)				DIRECTION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
										0	1	2	3	4	5	6	7	8	9	0-44 yd.	45-210 yd.	220-430 yd.	440-1,090 yd.	1,100-2,190 yd.	2,200-4,390 yd.	3-6 mi.	7-12 mi.	13-24 mi.	25 mi. or over	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 FEBRUARY 1962

DISTRICT, COUNTY AND PLACE		Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (OKTAS)		VISIBILITY										WIND, NUMBER OF OBSERVATIONS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
				At Mean Sea Level	Difference from Average	Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	Mean Amount	No. of Observations					NUMBER OF OBSERVATIONS					FORCE (0-12)				DIRECTION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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STATION	TOTAL RADIATION ON A HORIZONTAL SURFACE mw. hr./cm <sup>2</sup>						DIFFUSE RADIATION ON A HORIZONTAL SURFACE mw. hr./cm <sup>2</sup>						INTEGRATED ILLUMINATION OF A HORIZONTAL SURFACE kilo lux-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	26	12	6	63.6	28	97	28	12	6	52.3	28	175	26	17	3	72.4	28
Eskdalemuir ... ..	227	22	37	15	125.9	28	170	28	37	3, 15	82.8	28	237	22	43	3	136.9	28
Cambridge ... ..	261	22	47	12	123.7	28	136	26	45	12	83.1	28	-	-	-	-	-	-
Kingsway ... ..	208	24	29	12	110.2	28	114	11	27	12	77.6	28	213	24	32	12	114.3	28
Kew ... ..	194	24	31	20	106.2	28	112	11	30	20	73.3	28	208	24	33	20	113.5	28
Aberporth ... ..	276	22	34	4	129.9	28	149	26	34	4	89.2	28	-	-	-	-	-	-

TABLE VIII—NUMBER OF DAYS IN FEBRUARY 1962 WITH MAXIMUM AND MINIMUM TEMPERATURES between given limits.

STATION	MAXIMUM TEMPERATURE °C.										STATION	MAXIMUM TEMPERATURE °C.									
	0° or less	0.1° to 5.0°	5.1° to 10.0°	10.1° to 15.0°	15.1° to 20.0°	20.1° to 25.0°	25.1° to 30.0°	Above 30.0°	-15.0° or less	-14.9° to -10.0°		0° or less	0.1° to 5.0°	5.1° to 10.0°	10.1° to 15.0°	15.1° to 20.0°	20.1° to 25.0°	25.1° to 30.0°	Above 30.0°	-15.0° or less	-14.9° to -10.0°
Lerwick ... ..	1	13	14	0	0	0	0	0	0	0	Birmingham ... ..	1	10	14	3	0	0	0	0	0	0
Stornoway ... ..	0	5	16	5	0	0	0	0	0	0	Kew Observatory ... ..	1	6	14	7	0	0	0	0	0	0
Craibstone ... ..	0	10	11	7	0	0	0	0	0	0	Hastings ... ..	1	6	19	2	0	0	0	0	0	0
Rothsay ... ..	0	7	17	4	0	0	0	0	0	0	Southampton ... ..	0	5	10	13	0	0	0	0	0	0
Renfrew ... ..	0	5	17	6	0	0	0	0	0	0	Stonyhurst ... ..	0	7	21	0	0	0	0	0	0	0
Eskdalemuir ... ..	1	9	17	1	0	0	0	0	0	0	Bidston Observatory ... ..	0	7	16	5	0	0	0	0	0	0
Douglas ... ..	0	5	21	2	0	0	0	0	0	0	Holyhead (Valley) ... ..	0	5	22	1	0	0	0	0	0	0
Cockle Park ... ..	0	9	18	1	0	0	0	0	0	0	Falmouth ... ..	0	6	12	10	0	0	0	0	0	0
Gorleston ... ..	0	8	16	4	0	0	0	0	0	0	Aldergrove ... ..	0	6	19	3	0	0	0	0	0	0
Cambridge ... ..	0	6	13	9	0	0	0	0	0	0	Armagh ... ..	0	5	17	6	0	0	0	0	0	0

TABLE III—ADDITIONS AND CORRECTIONS

MONTH	STATION	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)				WEATHER Number of days										BRIGHT SUNSHINE				
				Means of		Mean Temperature Mean of A and B	Difference from Average	Highest Maximum and Lowest Minimum						Total Fall	Per-centage of Average	Most in a day		Precip'n		Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. 0°C. or less	Gale	Daily Mean	Per-centage of Average		
				A	B			Maximum	Date	Minimum	Date	Amount	Date			-0.1in. (0.2mm.) or more	-0.4in. (1.0mm.) or more															
				Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	1 ft.	4 ft.	in.	%	in.												hr.	%	
1961		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.																
January	USK	9 9	70																	0												
"	GUERNSEY	21 9	340	8.0	4.8	6.4														0												
"	STRATFORD ON AVON	9 9	160																													
"	WOOR HOUSE	9 9	1840																													
February	WESTMINSTER	9 9	27																													
"	BALLYKELLY	21 9	3																													
"	HERNE BAY	9 9	21				7.3																									
March	BELFAST (STORMONT)	9 9	200																													
"	WINCHESTER	9 9	124																													
"	WESTMINSTER	9 9	27																													
April	WINCHESTER	9 9	124											.15	10																	
"	HERNE BAY	9 9	21				11.5																									
"	ST. NAWGAN	21 9	337																													
May	SIDMOUTH	9 9	25																													
"	ONECOTE	9 9	1350																													
"	WHITSTABLE	9 9	9																													
"	LLYN STWLAN	9 9	1656																													
"	RONALDSWAY	21 9	55																													
"	HERNE BAY	9 9	21				12.7																									
"	POINT OF AYRE	21 9	30	14.6	7.6	11.1	-	19.4	12	5.2	19.21	-	-	.97	48	.49	5	9	4	0	0	0	0	0	0	0	0	-	0	6.94	-	
June	LLYN STWLAN	9 9	1656																													
"	WHERTON ASTON	9 9	365																													
"	CWMYSTWYTH	9 9	989																													
"	GATWICK	21 9	192																													
"	POINT OF AYRE	21 9	30	18.2	9.9	14.1	-	22.9	30	4.5	21	-	-	1.61	84	.33	26	12	9	0	0	0	0	0	0	0	0	0	-	0	8.23	-
July	LLYN STWLAN	9 9	656																													
"	CWMYSTWYTH	9 9	989																													
"	GATWICK	21 9	192																													
"	POINT OF AYRE	21 9	30	17.6	11.2	14.4	-	21.9	30	6.4	22	-	-	2.15	99	.48	25	18	11	0	0	0	0	0	0	0	0	0	-	2	4.61	-
"	COATBRIDGE	9 9	256	17.3	9.7	13.5	-	20.6	19	5.0	15	-	-	3.06	-	1.41	12	11	8	0	0	0	0	0	0	0	0	0	-	0	-	4
August	DARWEN	9 9	724	17.5	9.7	13.6	-1.2	25.6	29	4.4	31																					
"	LAIRG	9 9	240	17.0	8.3	12.7	-	25.6	29	2.8	12	14.1	12.1	3.43	-	.84	3	26	20	0	0	1	0	0	1	0	7	0	-	-	-	
"	HILLSBOROUGH	9 9	388																													
"	LAKE VYRNWY	9 9	995																													
"	CWM DYLI	9 9	324																													
"	HERNE BAY	9 9	21				17.7																									
"	BUDE	9 9	50																													
"	ROSS-ON-WYE	21 9	223																													
November	COVENTRY	9 9	338		8.7	3.1	5.9	-0.5	14.4			7.8	10.3	1.94	75	.50	10	13	10	0	-	0	0	0	1	7	-	0	1.91	123		



DUPLICATE



# Monthly Weather Report

## OF THE METEOROLOGICAL OFFICE

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

Volume 79 Number 3

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March 1962 — *Unusually Cold.*

Weather until the 25th was predominantly anticyclonic in character with high pressure over Greenland during the first two weeks and thereafter in the region of Iceland, maintaining, apart from temporary interruptions, a generally cold northerly airstream over the British Isles. The last six days of the month were milder and cyclonic with depressions from the Atlantic crossing the country.

On the 1st a cold front associated with a shallow depression in the North Sea brought considerable snowfall to Scotland, and snow spread to much of England and Wales the following day as the front moved south; it became slow-moving along the English Channel on the 3rd giving heavy falls in parts of southern England. There were long sunny periods in the west but snow showers continued behind the front in the north and east with moderate falls in places. On the 3rd and 4th snow lay up to 4 in. deep in parts of England, Wales and the Channel Islands, and up to 2 ft deep in the Cairngorms. Winds fell light on the 5th and during that and the following night there was air-frost in most parts of the country with temperatures as low as  $-12^{\circ}\text{C}$  locally in Scotland. Fog developed widely on the morning of the 6th becoming dense in places.

On the 7th a ridge extended from the Greenland anticyclone to another anticyclone over Germany, but a depression moving northward off the west of Ireland brought rain, sleet and snow into south-west England and south-easterly gales to most of southern England and to Wales. Gales became severe in the south-west and these coupled with the high seas caused serious damage to sea walls and disastrous flooding. Rain was heavy locally, many places in Devon and Cornwall recording more than an inch in 24 hours. Milder weather, with rain and sleet spread from the south-west slowly north across the country reaching most areas, except northern Scotland, during the next two days. On the 10th and 11th, however, cold north-easterly winds spread back over the whole country as a ridge of high pressure extended southward from the Greenland anticyclone over the British Isles; rain was widespread on the 10th and there was sleet and snow in many places on the 11th. The next three days were generally fine and sunny apart from scattered snow showers; weather remained cold with widespread frost at night.

On the 15th a depression formed off the west of Ireland and winds again backed to south-east in western districts where there was some frontal rain, sleet or snow, the rain being heavy at times in Cornwall and west Devon. In the east, however, the weather remained bright and cold. The rain in the west quickly died out the next day as pressure rose, and the 16th and 17th were generally fine sunny days. The ridge of high pressure over the North Sea moved westwards to cover the British Isles on the 18th, re-establishing north-easterly winds which brought a return of snow showers to East Anglia. The next three days were also bright and cold with light wintry showers.

A depression from the Atlantic moved south-east across Scotland late on the 25th and associated fronts brought widespread rain, the first rain for some time in many places; it was heavy at times and preceded by snow in the north. The depression marked a change in the general weather pattern and the beginning of a milder westerly regime. North-westerly winds with occasional thundery showers became

general on the 26th and 27th, but rain again became widespread and locally heavy on the 28th and 29th as another depression from the Atlantic moved across the British Isles. Showery weather followed the depression during the last two days of the month.

**Pressure and Wind** — Mean pressure was generally below the average except in the extreme west of Scotland, the deviation at 9 hr ranging from  $+1.4$  mb at Stornoway to  $-4.2$  mb at Shoeburyness. Surface winds were predominantly from between north and north-east until the 24th apart from periods of south-easterly winds on the 6th-9th and 15th-17th, these periods being preceded and followed by days of rather variable winds. From the 25th until the end of the month winds were mainly between south-west and west. Winds reached gale force, mainly during the second and last weeks, on 12 days in Scotland and on the 6th-8th, 19th, 25th, 26th, 28th and 31st (8 days) in England and Wales. Gales were widespread on the 7th and severe in south-west England where a gust of 81 kt was recorded at Scilly.

**Temperature** — Mean temperature was considerably below the 1921-50 average, the deficit being  $3.1^{\circ}\text{C}$  in England and Wales,  $2.7^{\circ}\text{C}$  in Scotland and  $3.0^{\circ}\text{C}$  in Northern Ireland. At many places it was the coldest March this century and at Ross-on-Wye it was the coldest since 1883.

Extremes included: (England and Wales)  $15.6^{\circ}\text{C}$  at Hoddesdon on the 29th,  $-15.0^{\circ}\text{C}$  at Alwen on the 6th and at Kielder Castle on the 7th; (Scotland)  $12.8^{\circ}\text{C}$  at Onich on the 20th,  $-17.2^{\circ}\text{C}$  at Grantown-on-Spey on the 6th; (Northern Ireland)  $12.8^{\circ}\text{C}$  at Armagh on the 26th,  $-11.7^{\circ}\text{C}$  at Newry on the 4th.

**Precipitation** — The general precipitation expressed as a percentage of the 1916-50 average was 81 over England and Wales, 72 over Scotland and 88 over Northern Ireland. Rainfall was greater than the average in Essex and parts of Kent, in Cornwall and parts of Devon, and in parts of South Wales and northern Scotland; it was more than twice the average in west Aberdeenshire.

Thunder was heard in Scotland on 3 days and in England and Wales on the 26th, 27th, 29th and 31st; on the 31st thunderstorms were widespread.

Snow or sleet was reported falling at one place or another in Scotland every day of the month, the ground being snow-covered on 29 days; snow lay 2 feet deep in the Cairngorms during the first week. In England and Wales it fell every day somewhere or other except on the 9th and 10th. During the first week snow lay up to 4 in. deep in many parts of central and northern England and in the extreme south-west.

**Sunshine** — The general sunshine expressed as a percentage of the 1921-50 average was 105 over England and Wales, 107 over Scotland and 111 over Northern Ireland. Sunshine was slightly below average in eastern and southern England but as much as 20 per cent above average in the north-west.

**Fog** — Morning fog was reported on 18 days in Scotland; in England and Wales it occurred at one place or another on the 1st-12th, 15th, 17th, 18th, 20th, 22nd, 28th-30th (20 days).

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

MWR dup



TABLE I—DISTRICT VALUES— MARCH 1962 (1908, revised 1928, 1941 and 1956)

DISTRICTS	AIR TEMPERATURE					EARTH TEMPERATURE		RAINFALL		SUN-SHINE
	Highest	Lowest	Difference from Average			At 1 ft. Difference from Average	At 4 ft. Difference from Average	Per-centage of Average	No. of Days Difference from Average	Per-centage of Average
			Max.	Min.	Mean					
0 SCOTLAND, N.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	%		%
Eastern	12.8	-13.8	-2.5	-2.7	-2.6	—	—	104	0	110
1 SCOTLAND, E.	10.6	-17.2	-3.2	-2.2	-2.7	—	—	69	0	102
2 ENGLAND, N.E.	15.0	-15.0	-3.2	-3.0	-3.1	-1.9	-0.7	72	+2	110
3 ENGLAND, E.	15.6	-12.2	-3.4	-2.9	-3.1	-2.1	-1.0	101	+3	88
4 MIDLAND COUNTIES	15.0	-12.8	-3.2	-3.3	-3.2	-2.0	-0.8	65	-2	110
5 ENGLAND, S.E.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	%		%
Western	15.0	-11.1	-3.2	-2.7	-2.9	-2.1	-0.7	81	-3	98
6 SCOTLAND, W.	12.2	-14.4	-2.5	-2.8	-2.7	-1.7	-0.5	60	-5	110
7 ENGLAND, N.W. (and N. Wales)	13.9	-15.0	-3.2	-3.1	-3.1	-1.9	-0.5	66	-3	121
8 ENGLAND, S.W. (and S. Wales)	14.4	-10.0	-3.1	-3.3	-3.2	-2.0	-1.0	98	-2	100
NORTHERN IRELAND	12.8	-11.7	-2.5	-3.4	-3.0	-	-	88	-2	111

TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— MARCH 1962 (1914)

DISTRICT, COUNTY AND PLACE			Height of Vane			Distribution of Mean Hourly Values of Wind Speed										Mean Hourly Wind Speed	Highest Velocities				
			Above Mean Sea Level	Above Ground	Effective Height	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				
						Dates of Occurrence	Duration	No. of days	Duration	Duration	Duration	Duration	Duration	Veer from N.	Speed		Hour ended at	Speed	Day and Time		
																				ft.	ft.
SCOTLAND																					
0	Zetland	Lerwick	304	33	33	1,30,31	11	9	68	325	262	78	0	11.9	250	38	31 16	54	30 0550		
	Orkney	Kirkwall (Grimsetter)	134	50	33	1,30,31	6	12	76	316	265	81	0	11.8	280	36	30 14	57	31 2355		
	Caithness	Dounreay	110	39	30	-	0	8	47	249	379	66	3	10.4	320	30	27 24	50	31 1105		
	Ross & Cromarty	Stornoway (Coastguard)	120	40	36	2,25	8	13	137	371	146	82	0	14.7	010	42	2 22	56	25 0555		
	Gromarty	Duirinish	125	65	55	-	0	5	17	172	366	189	0	7.5	150	31	25 11	47	25 1035		
	Inverness	Benbecula	69	51	35	-	0	9	40	289	286	129	0	10.0	260	29	31 24	49	31 1615		
1	Moray	Lossiemouth	100	80	66	1,2	5	8	56	313	215	147	8	11.1	350	39	1 24	53	1 2305		
	Aberdeen	Dyce	225	40	40	-	0	2	9	239	329	167	0	8.2	330	26	27 16	39	27 1520		
	Angus	Bell Rock Lighthouse	128	131	124	2,8	9	17	111	427	141	56	0	15.0	130	40	8 09	50	8 0830		
	Perth	Rannoch	1006	56	57	-	0	6	25	189	344	186	0	8.0	110	27	8 11	44	8 1045		
	Fife	Leuchars	78	40	40	-	0	2	18	207	423	96	0	8.5	130	27	8 11	41	8 1125		
	Midlothian	Edinburgh	485	39	23	-	0	1	8	193	382	112	49	8.5	180	33	25 15	45	25 1325		
6a	Argyll	Tiree	89	60	47	2,7,8	14	14	164	336	159	71	0	15.3	010	40	2 24	59	31 1525		
	Bute	Millport	50	34	34	-	0	7	50	146	303	245	0	7.9	-	33	11 09	45	7 2315		
	Renfrew	Paisley	188	81	31	-	0	0	0	106	306	332	0	5.0	180	19	25 13	41	25 1830		
		Renfrew	71	41	39	-	0	0	0	170	373	201	0	6.8	200	19	25 13	39	31 0115		
	Ayr	Prestwick Airport	35	33	33	-	0	3	10	188	335	211	0	7.4	100	25	7 23	42	31 2245		
	Dumfries	Eskdalemuir	825	50	35	-	0	2	7	96	300	341	0	5.2	200	28	25 11	39	8 0245		
	Wigtown	West Freugh	83	33	33	-	0	7	66	188	299	191	0	9.3	130	32	7 23	51	7 2230		
ENGLAND and WALES																					
6b	Isle of Man	Point of Ayre	70	40	35	7	2	6	49	263	278	83	69	11.0	120	35	7 23	48	7 2235		
		Ronaldsway	119	64	39	7,8,25	22	9	79	310	298	35	0	13.4	120	45	8 03	60	8 0115		
2	Durham	Durham	389	53	33	-	0	1	3	201	384	156	0	7.8	190	24	25 16	45	25 1540		
		South Shields	73	57	44	-	0	2	14	253	354	123	0	8.8	130	28	8 07	44	8 0540		
	Lincoln	Cranwell	288	47	47	-	0	5	16	232	426	70	0	9.5	120	25	8 04	42	31 1535		
3	Norfolk	Gorleston	45	33	33	0	0	0	0	104	434	206	0	5.9	250	20	31 19	39	31 1925		
	Suffolk	Mildenhall	98	83	60	-	0	1	4	107	398	235	0	6.3	150	23	8 07	45	8 0645		
	Bedford	Cardington	226	133	133	-	0	8	54	296	307	87	0	10.8	110	30	7 24	55	31 1640		
	Hertford	Rothamsted	461	41	33	-	0	0	0	122	471	151	0	6.7	120	17	7 24	38	31 1700		
		Stanstead Abbots	138	41	40	-	0	0	0	104	434	206	0	5.9	250	20	31 19	39	31 1925		
	Essex	Coryton	66	57	48	-	0	0	0	137	524	83	0	7.4	270	20	26 16	50	26 1555		
		Shoeburyness	118	106	91	7,8	9	7	34	327	347	27	0	11.2	100	39	7 24	54	31 1915		
4	Yorks, W.R.	Sheffield	533	83	35	-	0	0	0	135	484	125	0	7.3	300	16	26 10	37	26 1020		
	Warwick	Birmingham (Edgbaston)	643	118	73	-	0	0	0	131	547	66	0	7.6	250	20	31 15	37	31 1450		
	Stafford	Keele	706	50	40	-	0	0	0	80	440	224	0	5.9	120	20	7 24	43	7 2345		
	Gloucester	Avonmouth	92	61	33	-	0	5	11	195	241	258	39	7.3	250	30	31 16	48	31 1555		
5	London	Kingsway	206	143	41	-	0	1	1	104	512	127	0	7.1	240	22	31 19	47	31 1840		
	Middlesex	London (Heathrow) Airport	115	33	33	-	0	2	4	219	401	120	0	8.1	250	25	31 19	38	31 1810		
		Hampton	139	101	100	-	0	1	1	166	437	140	0	7.4	250	22	31 19	40	31 1815		
	Surrey	Kew Observatory	92	75	50	-	0	0	0	192	409	143	0	7.7	190	19	7 20	38	7 1910		
		London (Gatwick) Airport	232	38	33	-	0	1	3	145	392	204	0	6.9	120	25	7 22	42	7 2135		
	Kent	Isle of Grain	48	40	33	-	0	1	1	204	385	154	0	7.9	110	23	7 23	42	26 1610		
		Dungeness	70	50	33	-	0	0	0	-	-	-	-	-	-	-	-	-	-		
		Dover	68	38	62	-	0	2	5	211	443	85	0	8.5	100	26	7 23	39	31 1310		
	Sussex	Thorney Island	75	65	42	-	0	1	2	184	398	160	0	7.5	090	24	7 20	43	7 1850		
	Hampshire	Calshot	50	41	33	7	4	3	28	323	328	61	0	10.8	130	36	7 20	47	7 1815		
		S. Farnborough	318	69	35	-	0	1	1	112	431	200	0	6.4	250	23	31 16	39	8 0300		
	Berkshire	Abingdon	295	40	40	-	0	2	11	193	307	233	0	7.2	110	25	7 15	41	7 1440		
	Wiltshire	Larkhill	491	51	36	-	0	1	5	181	414	144	0	7.6	110	26	7 20	44	7 1940		
		Porton	406	44	44	-	0	2	23	153	384	184	0	7.8	110	28	7 21	43	7 1235		
7a	Cumberiand	Carlisle	137	42	42	-	0	1	1	146	314	283	0	5.8	120	23	8 08	43	8 0715		
		Sellafield	83	39	35	-	0	4	20	126	445	153	0	7.4	100	27	8 01	40	8 0020		
		Spadeadam	959	51	40	-	0	3	20	190	320	214	0	7.6	090	30	8 01	44	7 2350		
	Westmorland	Moor House	1960	50	45	7,8,25	13	7	37	171	185	338	0	7.5	130	37	8 03	52	25 1130		
	Lancashire	Southport	59	41	33	-	0	5	22	277	268	177	0	8.9	250	29	26 04	41	7 2015		
		Liverpool Airport	84	41	33	-	0	6	25	245	436	38	0	9.6	120	30	7 23	44	7 2230		
	Cheshire	Bidston Observatory	262	64	39	-	0	3	25	199	314	171	35	-	120	28	8 06	56	7 2205		
		Manchester Airport	261	33	33	-	0	2	9	176	389	170	0	7.5	110	25	8 03	43	8 0135		
7b	Anglesey	Holyhead (Valley)	76	50	40	25	3	5	18	206	280	237	0	7.8	220	35	25 13	48	25 1355		
8a	Cardigan	Aberporth	483	41	41	7,8,28	8	8	79	289	287	81	0	11.8	130	44	7 20	71	7 1930		
	Pembroke	Milford Haven	246	50	35	-	0	0	0	-	-	-	-	-	-	-	-	-	-		
	Glamorgan	Port Talbot	91	40	35	7	2	4	45	262	349	86	0	10.4	120	35	7 15	59	7 1445		
		Rhoose	257	37	32	-	0	5	34	249	423	38	0	9.9	120	30	7 14	47	7 1400		
8b	Devon	Plymouth	191	88	65	7	10	6	25	226	320	163	0	8.9	-	39	7 12	60	7 1325		
	Cornwall	St. Mary's, Scilly	230	65	57	7	20	14	119	367	161	77	0	14.8	120	43	7 09	73	7 0820		
		The Lizard	315	75	60	6,7	24	15	110	257	258	91	4	13.3	130	53	7 12	81	7 1240		
NORTHERN IRELAND																					
	Londonderry	Ballykelly	52	50	35	-	0	6	43	171	275	255	0	7.6	120	32	7 23	49	7 2210		
	Antrim	Aldergrove	281	65	55	-	0	5	26	211	313	194	0	8.3	120	30	7 21	47	7 2030		
		Nutts Corner	344	31	31	-	-	-	-	-	-	-	-	-	120	28	7 23	44	7 2200		
CHANNEL ISLES																					
		Jersey Airport	359	86	50	-	0	11	54	409	247	34	0	12.5	110	33	7 18	51	7 1655		

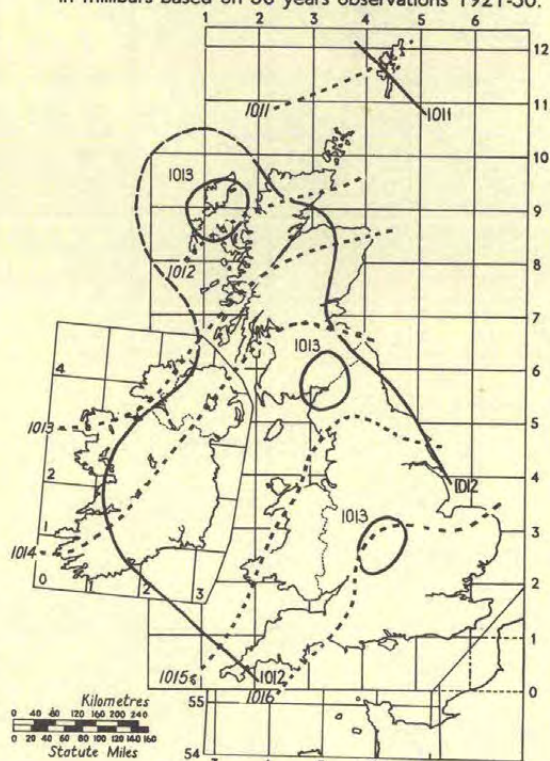


# MONTHLY WEATHER CHARTS

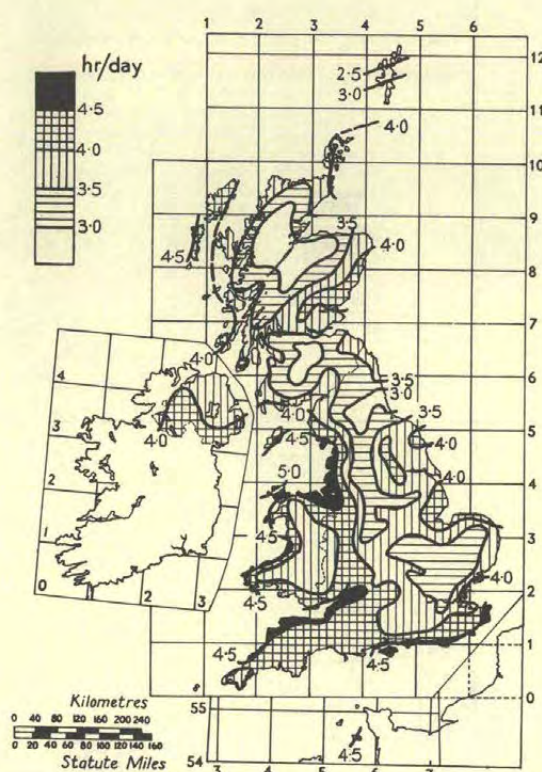
## MARCH 1962

### 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.

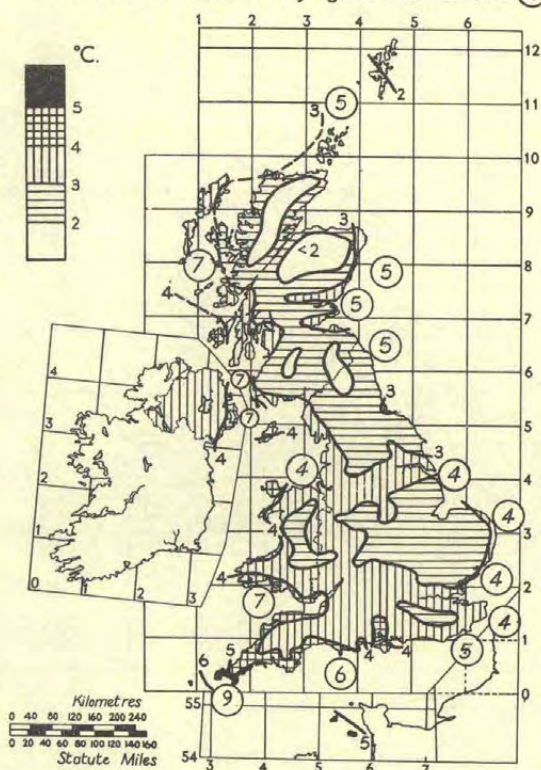


### BRIGHT SUNSHINE

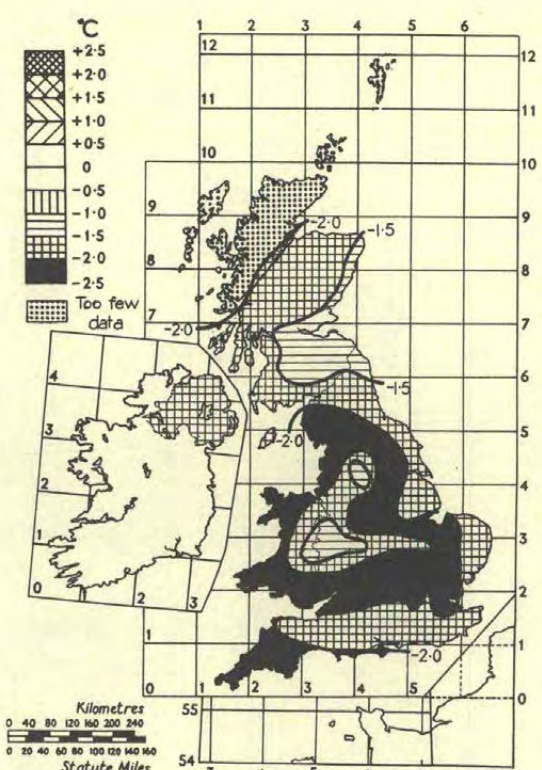


### MEAN AIR TEMPERATURE

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

MARCH 1962

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

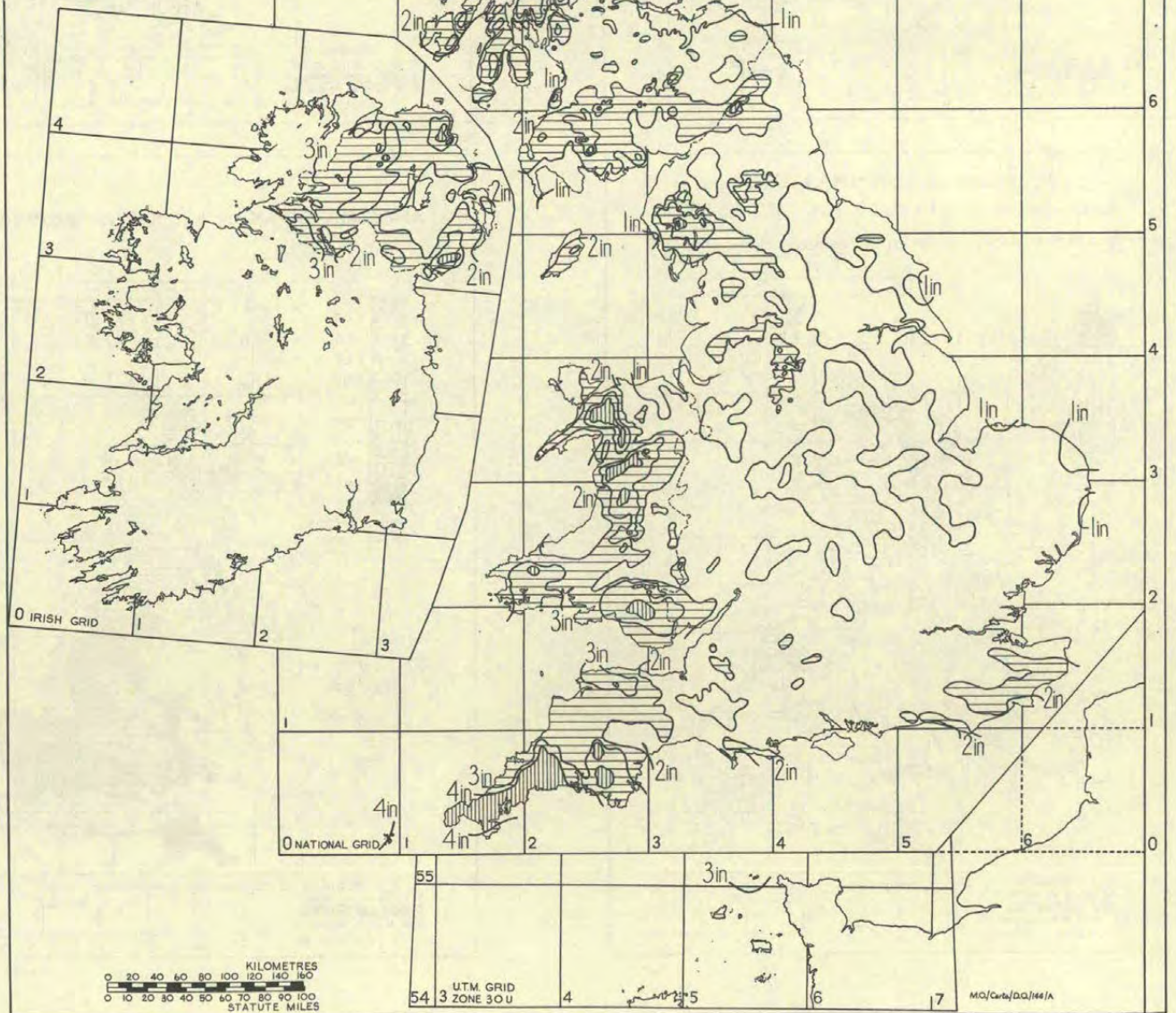
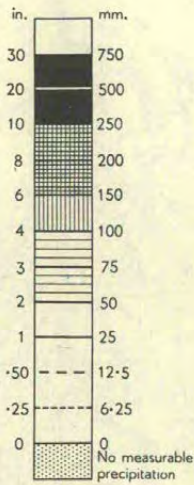




TABLE III—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER MARCH 1962

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)			WEATHER Number of days										BRIGHT SUNSHINE				
				Means of		Mean Temperature of A and B	Difference from Average	Highest Maximum and Lowest Minimum						Total Fall	Per-centage of Average	Most in a day		Precip'n		Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. O°C or less	Gale	Daily Mean	Per-centage of Average	
				A Max.	B Min.			Maximum	Date	Minimum	Date	1 ft.	4 ft.			Amount	Date	40 in. (0.2mm.) or more	40 in. (1.0mm.) or more												
				Max. Min.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.											hr	%	
0 SCOTLAND, N.																															
Zetland	Hamnavoe ...	9 9	70	4.9	0.6	2.7	-	7.2	27	-3.3	6.15	-	-	4.34	-	1.22	29	25	19	15	11	1	0	0	0	12	-	5	3.27	-	
	Lerwick Obs'y. §	21-9	269	3.6	-0.6	1.5	-2.4	6.2	21	-7.2	6	-	-	3.94	128	1.31	29	26	21	22	12	2	14	0	0	15	21	4	3.09	105	
	Baltasound ...	9 9	78	3.8	-0.4	1.7	-	7.2	24	-5.0	5	3.1	-	4.76	129	.85	29	30	21	21	17	11	0	0	0	20	-	1	2.18	-	
Orkney	Sule Skerry ...	9 9	48	5.1	2.1	3.6	-	8.0	21	-1.5	14	-	-	2.14	-	.29	29	24	15	11	6	1	0	0	0	10	20	2	-	-	
	Stenness ...	9 9	75	4.9	-0.6	2.1	-	7.8	21,24	-6.7	16	2.9	-	3.57	-	.71	29	26	17	15	14	0	5	0	1	14	23	4	3.60	-	
	Costa ...	9 9	115	5.1	0.2	2.7	-	8.3	21	-6.1	6	-	-	3.91	-	.71	29	25	22	14	12	10	1	0	0	13	19	2	4.14	-	
Calthness	Kirkwall (Grimsetter)	21-9	84	4.7	0.4	2.5	-	7.5	21	-4.7	15	-	-	3.45	129	.75	29	23	19	22	9	15	2	1	0	13	21	2	3.99	-	
	Dounreay ...	9 9	70	4.9	-0.7	2.1	-	8.3	25	-8.9	16	-	-	3.01	-	.42	5	21	18	7	9	0	4	0	0	15	22	0	-	-	
Sutherland	Wick ... §	21-9	119	4.7	-0.9	1.9	-2.9	7.2	24,28	-8.5	15	-	-	2.94	162	.47	29	24	21	14	11	0	11	0	2	14	24	3	4.06	114	
	Cape Wrath ...	21-9	367	4.0	1.4	2.7	-	7.0	18,25	-2.0	3	-	-	2.67	92	.45	30	21	18	15	8	1	0	0	0	13	16	0	-	-	
	Laig (Achany) ...	9 9	240																												
	Strathly ...	9 9	120	4.7	-1.4	1.7	-	9.4	25	-9.4	5	-	-	2.96	106	.56	30	23	17	14	14	2	10	0	0	18	-	0	3.45	-	
Ross & Cromarty	Stormoway §	21-9	11	5.7	-0.1	2.8	-2.8	9.3	25	-8.4	6	-	-	2.76	121	.70	2	22	14	14	10	5	8	1	0	15	20	0	4.02	119	
	Balmacara ...	9 9	2	5.8	0.5	3.1	-	9.4	23,26	-4.4	4,15	-	-	1.11	-	.25	29	23	9	-	7	-	-	-	-	15	-	-	-	-	
	Poolewe ...	9 9	20	5.8	-0.4	2.7	-	9.4	21	-5.6	3,4	-	-	3.29	-	(.50)	31	19	15	10	-	0	0	0	0	15	26	0	3.44	-	
	Achnashellach ...	9 9	220	-	-	-	-	-	-	-	-	-	-	2.38	43	.36	-	19	15	-	-	-	-	-	-	-	-	-	-	-	
	Kinlochewe ...	9 9	76	5.8	-2.1	1.9	-	9.4	20	-10.0	4	3.2	-	3.68	-	.87	13	18	16	13	16	0	0	1	0	20	28	0	2.54	-	
	Garve (Blackbridge)	9 9	690	4.2	-4.1	0.1	-	7.2	19,20,26	-15.0	8	-	-	1.74	-	.53	31	16	8	-	-	-	-	-	0	25	30	-	3.02	-	
	Fortrose ... §	9 9	15	5.1	0.8	2.9	-2.3	7.8	30	-3.3	3	-	-	.98	66	.24	31	17	8	11	1	1	0	0	0	11	-	0	3.25	91	
	Tarbatness ...	21-9	60	5.0	0.4	2.7	-	8.0	24	-4.5	15	-	-	.79	-	.19	29	14	6	9	3	0	0	0	0	11	-	0	-	-	
Inverness	Benbecula ...	21-9	19	6.0	0.5	3.3	-	9.3	26	-5.7	4	-	-	1.69	67	.40	24	15	9	10	5	0	8	0	1	13	19	0	4.58	-	
	Isle of Rhum ...	9 9	15	6.4	0.2	3.3	-	10.0	19,20,26	-5.6	4	3.7	5.6	3.92	-	1.77	24	15	7	9	0	1	0	0	13	21	1	-	-	-	
	Prabost ...	9 9	220	5.1	-0.3	2.4	-	10.0	25	-6.1	5	-	-	3.16	-	1.04	24	21	11	10	13	0	13	0	0	14	25	0	3.83	-	
	Duntulm ...	9 9	294	4.9	0.6	2.7	-	7.8	19	-3.3	5,6	-	-	2.48	77	.61	24	17	15	10	5	1	0	0	0	14	22	0	3.58	-	
	Onich ... §	9 9	48	6.6	-1.0	2.8	-2.8	12.8	20	-6.7	6,15	-	-	2.28	42	.63	25	8	7	7	1	0	0	0	0	14	27	0	3.65	122	5
	Fort William (Camaghael)	9 9	27	6.5	-1.7	2.4	-	10.0	20	-8.3	15	2.4	3.5	2.36	-	.59	25	10	9	8	2	0	3	0	0	13	22	0	3.36	-	5
	Fort Augustus ...	9 9	70	5.7	-1.4	2.1	-3.0	8.9	16	-7.8	15	-	-	1.88	-	.57	31	16	10	8	4	0	1	0	0	16	-	0	2.61	-	
	Cannich ...	9 9	350	5.6	-3.7	0.9	-	8.9	19	-11.1	15,16	-	-	1.75	59	.37	31	14	12	6	9	0	0	0	0	25	30	0	-	-	
	Dalwhinnie ...	18-9	1176	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Inverness ...	9 9	13	6.0	-0.2	2.9	-	8.9	28	-5.0	16	-	-	1.09	-	.25	29	14	10	0	1	0	0	0	0	17	20	0	2.88	-	
	Achnagoichan ...	9 9	1000	2.9	-3.1	0.1	-	7.8	16	-11.1	15	14	-	2.79	-	.44	29	20	15	-	-	-	-	-	24	-	-	-	-	-	
	Glenmore Lodge	9 9	1120	2.7	-4.1	-0.7	-	6.4	17,18,25	-13.8	15	-	-	5.10	-	.95	3	21	15	20	29	3	0	0	0	27	31	0	1.62	-	
1 SCOTLAND, E.																															
Nairn	Nairn ... §	9 9	20	5.2	-0.6	2.3	-3.0	9.4	25	-7.8	6	-	-	1.15	83	.17	29	20	10	7	8	1	0	0	0	17	22	0	3.24	90	
Moray	Grantown-on-Spey	9 9	720	3.6	-4.4	0.4	-	8.3	16	-17.2	6	-	-	3.41	-	.83	3	21	16	-	26	-	-	-	1	25	31	-	-	-	
	Forres ...	9 9	155	4.7	-1.4	1.7	-	10.0	25	-8.9	15	2.4	3.7	2.09	157	.71	4	23	12	10	19	3	1	0	0	19	26	0	2.99	-	
	Kinloss ...	21-9	15	5.3	-1.2	2.1	-	9.5	25	-10.7	6	2.9	-	2.26	-	.79	4	19	13	16	12	0	10	0	0	18	23	0	3.00	-	
	Elgin ...	9 9	92	5.1	-0.7	2.2	-	8.9	25,28	-7.8	6	-	-	3.05	-	.75	3	22	16	9	15	0	0	0	0	15	21	0	3.04	-	
	Lossiemouth ...	9 9	21	5.4	-1.3	2.1	-	9.4	25	-12.8	6	-	-	2.49	-	.44	3,4	19	13	14	10	10	0	0	1	17	24	1	-	-	
	Gordon Castle ...	9 9	104	5.4	-1.6	1.9	-3.4	8.9	28	-11.1	7	-	-	3.09	183	.42	1	22	18	11	12	5	0	0	-	21	-	0	3.01	84	5
Banff	Banff (Coastguard)	9 9	80	5.0	0.4	2.7	-	8.3	17,28	-5.6	16	-	-	3.18	-	.63	29	22	17	11	6	4	0	0	0	12	-	0	3.24	-	
Aberdeen	Braemar ...	9 9	1113	3.3	-4.1	-0.4	-3.3	6.7	19,20	-16.7	6	-	-	1.95	87	.66	1	18	8	-	20	-	-	-	-	28	31	-	2.68	-	5
	Balmoral ...	9 9	927	3.2	-3.8	-0.3	-3.4	6.7	17,28	-15.6	6	-	-	2.33	114	.67	1	21	15	12	25	0	0	0	-	25	30	0	-	-	
	Logie Coldstone	9 9	608	4.2	-2.7	0.7	-3.2	8.3	28	-15.0	6	-	-	1.99	-	.57	2	20	10	-	17	-	-	-	-	24	-	-	-	-	
	Huntly ...	9 9	405	4.5	1.8	-	-	8.6	28	-11.4	6	-	-	3.02	-	.48	29	22	18	12	13	10	0	0	0	16	28	0	-	-	
	Fy																														



TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER MARCH 1962

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)		WEATHER Number of days										BRIGHT SUNSHINE				
				Means of		Difference from Average	Highest Maximum and Lowest Minimum				Total Fall			Per-centage of Average	Most in a day	Precip'n		Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. °C. or less	Gale	Daily Mean	Per-centage of Average		
				A Max.	B Min.		Mean Temperature Mean of A and B	Maximum	Date	Minimum		Date	-0.1in. (0.2mm.) or more			-0.4in. (1.0mm.) or more														
																	°C.												°C.	°C.
1 SCOTLAND, E.—cont.		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.											hr	%				
Midlothian	Balerno ...	9 9	700	4.7	-2.7	1.0	-	8.3	17	-10.6	3	-	-	.96	-	.25	25	7	6	-	17	-	-	-	23	29	-	3.02	-	
	Midcalder ...	9 9	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Turnhouse ...	21-9	114	6.1	-1.2	2.5	-	8.9	30	-7.8	3	-	-	.59	38	.21	25	12	3	6	1	0	1	0	18	24	0	3.46	-	
	Edinburgh—																													
	East Craigs ...	9 9	200	5.8	-0.8	2.5	-	8.9	26,31	-6.7	3,15	-	-	.63	-	.22	25	11	4	7	0	0	0	1	16	23	0	3.55	-	
	Davidson's Mains ...	9 9	200	5.9	-0.7	2.6	-	8.9	30	-6.1	3,15	2.4	-	.69	-	.19	25	11	5	2	1	0	1	0	15	28	0	3.39	-	
	Penicuik ...	9 9	620	4.8	-2.3	1.3	-	8.9	17,26	-9.4	7	2.3	-	1.26	-	.30	25	15	8	10	11	1	2	0	23	30	0	3.15	-	
	Bush House ...	9 9	605	4.6	-1.7	1.5	-	8.3	30	-10.0	3	1.8	3.1	1.08	-	.37	25	15	6	2	9	0	1	0	19	24	0	-	-	
	Edinburgh—																													
	Blackford Hill §	9 9	441	5.3	-0.3	2.5	-2.7	8.9	30	-5.0	3	-	-	.55	34	.21	29	13	2	3	1	0	0	0	15	21	0	3.10	84	
E. Lothian	Liberton ...	9 9	200	5.7	-0.9	2.4	-	8.9	26,30	-6.9	15	-	-	1.16	-	.20	19,29	15	10	2	2	0	0	0	0	20	24	0	3.31	-
	Botanic Garden ...	9 9	74	5.8	-0.6	2.6	-	8.9	26,30	-6.1	15	2.8	-	.56	-	.18	25	8	5	2	0	1	1	0	3	14	23	0	3.45	-
	Haddington ...	9 9	162	5.8	-0.6	2.6	-	10.0	17	-8.9	6	-	-	.74	-	.16	4	13	7	5	3	5	2	0	1	14	21	0	3.41	-
	North Berwick ...	9 9	51	6.2	0.3	3.3	-2.1	10.0	30	-4.4	15	-	-	.66	41	.13	25	13	6	3	3	0	0	0	14	-	0	3.22	92	
	Dunbar ...	9 9	75	5.4	0.4	2.9	-	8.9	30	-4.4	6	-	-	.78	-	.18	5	14	10	7	1	0	0	0	12	22	0	4.08	-	
	Lauder ...	9 9	600	4.7	-3.1	0.8	-	8.3	17,27,30	-15.0	7	-	-	1.43	-	.30	25	15	11	15	12	0	0	2	22	29	0	3.84	-	
	Marchmont §	9 9	498	4.9	-1.4	1.7	-3.0	8.9	17,30	-7.8	7	-	-	1.23	58	.19	28	15	11	7	9	0	0	0	18	-	0	3.46	106 S	
	St. Abb's Head ...	9 9	245	4.2	1.3	2.7	-	7.4	30	-2.0	16	-	-	1.00	-	.24	26	14	7	10	1	5	0	0	11	14	1	-	-	
	Broughton ...	9 9	741	4.8	-3.3	0.7	-	8.9	29	-13.9	3	-	-	1.24	-	.43	25	15	9	12	11	0	1	0	23	31	0	-	-	
	Blyth Bridge ...	9 9	830	4.2	-2.6	0.8	-	7.2	17,26,29	-12.2	3	-	-	1.01	-	.30	25	14	9	20	10	0	1	1	22	30	0	2.85	-	
Peebles	West Linton ...	9 9	800	4.4	-2.7	0.9	-	8.3	17	-13.3	3	1.1	3.1	1.57	-	.37	25	17	12	8	11	0	0	0	22	24	0	-	-	
	Peebles ...	9 9	645	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Peebles (Glentress) ...	9 9	580	5.2	-3.1	1.1	-	8.9	17	-14.4	3	-	-	1.25	-	.25	25	11	9	8	9	0	1	0	22	-	1	-	-	
	Selkirk Selkirk (Bowhill) ...	9 9	600	3.8	-3.1	0.3	-	8.9	17,27,30	-12.8	7	-	-	1.44	-	.33	25	16	10	10	20	0	0	4	22	-	0	-	-	
	Roxburgh Hawick (Wauchope) ...	9 9	560	5.1	-3.2	0.9	-	9.4	17	-13.9	3	-	-	1.26	-	.52	25	12	9	-	16	-	-	1	24	-	-	-	-	
	Sourhope ...	9 9	900	3.8	-2.7	0.5	-	8.3	30	-11.7	3	-	-	2.66	-	.63	3	20	16	11	23	1	0	2	24	30	0	2.97	-	
	6a SCOTLAND, W.																													
	Argyll Tiree ... §	21-9	29	6.3	1.1	3.7	-2.5	10.3	26	-4.5	5	-	-	2.09	80	.52	28	14	10	10	2	3	4	0	0	12	16	3	4.17	112
	Rhuvaal ...	21-9	65	6.1	2.1	4.1	-	10.6	20	-1.8	5	-	-	2.05	-	.56	29	12	7	4	1	2	0	0	0	7	11	1	-	-
	Colonsay ...	9 9	87	6.8	0.8	3.8	-	12.2	20	-3.9	4,15	-	-	2.47	79	.71	28	13	9	4	-	4	0	0	2	11	-	-	-	-
Campbeltown ...	9 9	10	6.7	-0.4	3.1	-	11.1	20	-4.4	4,5,6	-	-	1.69	-	.45	25	9	7	-	-	-	-	-	19	-	-	3.12	-		
Tarbert (Achaglachgach) ...	9 9	40	6.8	-1.8	2.5	-	12.2	20	-7.2	4,5,6	-	-	2.10	-	.56	28	11	10	5	0	1	0	0	0	21	24	0	-	-	
Oban ...	9 9	229	6.2	-0.3	2.9	-	11.1	20	-5.0	3	-	-	2.69	85	.70	25	11	9	3	0	0	0	0	0	15	25	0	3.63	115	
Lephinmore ...	9 9	30	6.5	-0.6	2.9	-	10.6	20	-5.0	6,15	-	-	3.34	-	1.27	25	10	7	5	1	1	0	0	1	13	22	0	3.15	- S	
Glenbranter ...	9 9	120	6.6	-2.2	2.2	-3.0	11.1	20	-8.3	15	-	-	2.90	47	1.00	25	10	8	-	-	-	-	-	0	19	-	-	-	-	
Benmore (Forestry Sch.) ...	9 9	46	6.9	-1.8	2.5	-	11.1	26	-8.3	15	2.4	3.8	3.37	56	.91	28	11	9	6	2	0	0	0	5	19	29	0	-	-	
Benmore (Younger Bot. Gdn.) ...	9 9	40	6.6	-1.3	2.7	-	10.6	26	-7.2	15	-	-	3.25	-	.89	28	12	9	8	2	1	1	0	0	15	27	0	-	-	
Bute Rothsay ... §	9 9	150	6.2	0.3	3.3	-2.4	9.4	22,26	-3.3	3,4,14	2.8	4.1	1.93	58	.41	28	14	8	3	0	0	0	0	3	12	24	0	3.59	111	
Millport ...	9 9	16	6.7	0.9	3.8	-	10.0	26	-3.3	3	-	-	1.27	46	.27	25	9	8	3	0	1	0	0	0	11	-	5	-	-	
Dunbarton Helensburgh ...	9 9	283	6.6	-1.3	2.7	-2.5	10.6	26	-6.7	3	-	-	1.79	49	.55	28	9	9	0	0	0	2	0	0	16	-	0	-	-	
Cumbemauld ...	9 9	310	6.1	-2.3	1.9	-	10.0	26	-10.0	3	-	-	1.33	-	.41	25	11	5	5	8	1	0	0	4	22	28	0	-	-	
Stirling Stirling ...	9 9	151	5.7	-0.8	2.5	-3.1	8.9	27	-6.1	15	2.9	4.6	1.11	48	.31	29	9	6	2	2	0	1	0	3	14	24	0	3.93	-	
Falkirk ...	9 9	100	6.6	-1.0	2.8	-	9.4	26,30	-6.7	15	-	-	.90	-	.43	25	5	4	-	-	-	-	-	19	-	-	-	-	-	
Renfrew Greenock ...	9 9	200	6.2	0.0	3.1	-2.6	10.0	20	-3.9	3,7,15	-	-	2.58	64	.76	25	9	9	9	2	0	1	0	3	14	24	0	3.71	-	
Paisley ...	9 9	106	7.5	0.0	3.7	-2.2	11.1	26	(-5.6)	3	3.7	5.9	1.51	54	.43	25	10	7	4	1	0	0	0	9	14	24	0	3.38	115	
Barrhead ...	9 9	97	6.4	-1.2	2.6	-	10.6	26,27	-7.8	3	-	-	1.39	-	.47	25	8	8	6	0	0	0	0	0	14	21	0	-	-	
Renfrew ... §	21-9	26	6.8	-0.6	3.1	-2.4	10.4	26	-7.4	3	-	-	1.16	46	.31	25	8	7	8	0	1	1	0	3	14	19	0	3.33	111	
Lanark Thorntonhall ...	9 9	453	5.3	-1.7	1.8	-	10.0	26	-10.0	3	-	-	1.42	-	.5															



TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER MARCH 1962

DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)		WEATHER										BRIGHT SUNSHINE						
			Means of		Mean Temperature Mean of A and B	Difference from Average	Highest Maximum and Lowest Minimum						Total Fall	Percentage of Average	Most in a day	Precip'n	Number of days										Daily Mean	Percentage of Average			
			A	B			Maximum	Date	Minimum	Date	Amount	Date					0.01 in. (0.2 mm.) or more	0.01 in. (1.0 mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. O.C. or less			Gale		
			Max. Min.	ft.			°C.	°C.	°C.	°C.	°C.	°C.					1 ft.	4 ft.	in.	%	in.										
2 ENGLAND, N.E.—cont.																															
Northumberland cont.	Haydon Bridge ...	9 9	270	5.7	-2.7	1.5	-	10.0	27	-11.1	3	-	4.6	1.44	-	.29	25	18	10	4	9	0	0	0	3	22	26	0	3.21	-	
	Berwick-on-Tweed ...	9 9	76	5.6	-0.5	2.5	-2.8	9.4	30	-11.7	7	-	-	1.17	77	.18	3	15	9	7	4	0	0	0	0	11	23	0	3.53	93	
	Ponteland ...	9 9	220	5.6	-2.3	1.7	-	10.0	27	-8.9	7	-	-	1.51	-	.36	25	22	11	6	5	0	2	0	0	23	28	0	-	-	
	Cockle Park ...	9 9	328	5.1	-1.6	1.7	-3.1	8.3	17, 19	-8.3	7	2.2	-	1.42	78	.32	25	17	9	8	11	0	0	0	1	21	23	0	3.65	105	
	Acklington ...	21-9	138	5.4	-1.5	1.9	-	9.2	31	-10.3	7	-	-	1.72	-	.50	8	13	8	12	6	5	3	0	0	18	24	0	3.53	-	
	Tynemouth ...	21-9	95	5.0	0.2	2.6	-3.3	8.4	29	-4.5	3	-	-	1.34	87	.23	4	19	10	11	5	6	0	0	2	14	20	1	2.90	-	
	Chopwellwood ...	9 9	446	5.3	-2.0	1.7	-3.2	9.4	26, 27	-7.2	3, 4, 7	-	-	1.26	69	.18	8	22	12	7	9	0	0	0	2	19	30	0	-	-	
	Ushaw College ...	9 9	594	4.9	-1.8	1.5	-3.5	8.9	19, 26, 27	-6.1	3, 7	-	-	1.07	55	.16	8	18	11	6	10	0	0	0	5	23	-	0	-	-	
	Houghall ...	9 9	123	6.3	-2.9	1.7	-3.6	10.6	26	-14.4	6	-	-	1.06	62	.19	4	20	10	7	2	0	1	0	3	22	29	0	3.23	100	
	Durham	9 9	336	5.7	-1.8	1.9	-3.3	10.0	19, 26, 27	-9.4	7, 8	2.7	4.6	1.07	65	.16	4	20	11	-	12	-	-	-	-	2	19	22	-	3.34	100
Yorks., N. Riding	Gateshead ...	9 9	509	4.8	-0.9	1.9	-	8.3	27	-5.0	3	-	-	1.25	-	.19	10	15	12	-	4	-	-	-	2	19	22	-	2.93	-	
	Middleton St. Gge. ...	21-9	115	5.9	-1.2	2.3	-	10.8	27	-7.9	7	-	-	.65	-	.13	2	15	7	10	6	2	5	0	2	16	24	0	3.62	-	
	West Hartlepool ...	9 9	30	6.2	-0.1	3.1	-	10.0	29, 30	-7.8	6	-	-	1.38	-	.63	4	17	10	8	8	0	1	0	3	15	17	0	2.80	-	
	Dishforth ...	21-9	105	6.2	-1.0	2.6	-	11.2	27	-5.9	15	-	-	.87	58	.20	8	13	7	13	2	2	3	0	3	17	23	0	4.14	-	
	York ...	9 9	57	6.6	-0.7	2.9	-3.1	11.1	29	-5.0	15	3.0	4.6	.84	59	.18	28	18	7	9	3	1	0	0	3	18	-	0	3.75	116	
	Ampleforth ...	9 9	313	5.5	-1.3	2.1	-3.1	9.4	19, 26, 27	-6.7	6	-	-	1.11	61	.18	28	17	10	11	-	0	3	1	3	21	26	0	-	-	
	Redcar ...	9 9	25	6.1	-0.4	2.9	-	10.6	29	-5.6	6	-	-	1.11	82	.28	5	18	10	-	3	-	-	-	1	17	-	-	3.61	-	
	Whitby ...	9 9	135	5.7	-0.5	2.6	-	9.4	29	-5.6	6	-	-	1.52	93	.25	26	19	15	10	6	0	0	0	2	19	-	1	3.37	-	
	Scarborough ...	9 9	118	6.5	0.6	3.5	-2.8	10.0	26, 30, 31	-3.9	6	-	-	1.36	89	.20	4	16	13	9	3	0	0	0	2	12	21	1	4.23	122	
	Silpho Moor ...	9 9	665	3.9	-1.6	1.1	-	7.8	26	-6.1	7	2.1	-	1.81	-	.38	25	22	14	7	11	1	0	0	0	3	23	26	0	3.92	-
Yorks., E. Riding	Fylingdales Moor ...	9 9	805	3.5	-2.3	0.6	-	7.8	29, 30, 31	-6.7	4	-	-	2.29	-	.50	25	19	14	12	14	0	3	0	5	27	-	0	-	-	
High Mowthorpe ...	9 9	574	4.4	-2.0	1.2	-	8.3	26, 29	-7.2	4	1.8	-	1.32	-	.27	25	19	11	10	12	2	2	0	0	3	25	29	0	4.07	-	
Hull ...	9 9	8	6.6	-0.4	3.1	-3.0	11.1	29	-4.4	18	3.3	5.1	.94	63	.14	25	16	9	5	2	0	0	0	0	16	24	0	3.38	108		
Leconfield ...	21-9	24	6.4	-0.7	2.9	-	11.4	29	-7.4	7	-	-	.93	-	.19	25	14	9	15	2	0	6	1	4	18	23	0	3.95	-		
Filey ...	9 9	122	5.3	-0.5	2.4	-	8.9	26, 31	-6.7	6	-	-	1.09	-	.21	2	18	9	7	3	1	8	0	1	16	20	0	4.41	-		
Bridlington ...	9 9	157	5.5	-0.5	2.5	-	9.4	30	-5.6	14	-	-	1.39	-	.20	25	21	13	10	3	0	6	0	0	19	22	1	4.68	-		
Spurn Head ...	21-9	29	5.6	1.1	3.3	-2.4	9.6	31	-2.4	6	-	-	1.19	-	.37	4	11	8	13	3	0	1	0	4	12	-	2	3.89	103		
Lincoln	Gainsborough ...	9 9	110	6.6	-0.9	2.9	-	12.2	29	-5.6	4	-	-	.93	-	.11	28, 31	15	11	3	2	0	0	0	0	4	20	-	0	-	
Waddington ...	21-9	224	6.0	-1.2	2.4	-	12.9	29	-7.4	7	-	-	1.09	-	.36	2	14	7	16	7	0	2	0	0	7	22	23	0	3.90	-	
Lincoln ...	9 9	22	6.8	-2.3	2.3	-	15.0	29	-11.1	4	2.8	3.9	1.10	-	.35	2	18	7	5	7	0	0	0	0	6	24	30	0	3.41	-	
Cranwell ...	9 9	205	6.3	-1.8	2.3	-3.3	12.8	29	-6.5	4	3.3	5.6	.97	67	.24	29	12	7	14	2	1	1	0	0	6	23	27	0	3.92	105	
Cleethorpes ...	9 9	23	6.2	-0.3	2.9	-3.0	11.7	29	-6.7	7	-	-	.68	46	.15	25	6	6	-	0	-	-	-	-	5	18	-	-	3.85	99	
Manby ...	21-9	55	6.0	-1.6	2.2	-	12.2	29	-10.2	7	-	-	1.42	-	.27	2	15	10	16	7	2	5	0	0	3	22	24	0	4.20	-	
Skegness ...	9 9	15	5.9	-0.4	2.7	-2.9	11.1	29	-6.7	7	-	-	1.16	89	.32	2	15	9	12	3	1	3	0	0	1	17	22	0	4.10	118	
3 ENGLAND, E.																															
Norfolk	Terrington ...	9 9	13	6.4	-1.3	2.5	-	12.2	29	-7.2	17	3.0	-	1.01	86	.23	29	14	9	5	3	0	0	0	0	3	21	26	0	4.06	-
	St. Clement ...	21-9	76	6.3	-0.8	2.7	-	12.6	29	-6.6	25	-	-	1.11	-	.22	29	16	9	18	2	5	2	0	2	21	22	0	-	-	
	Marham ...	9 9	80	6.9	-4.0	1.5	-	12.8	29	-12.2	17	3.0	4.3	1.22	-	.24	25	15	9	-	1	-	-	-	-	0	25	27	-	-	-
	Santon Downham ...	21-9	250	5.7	-1.1	2.3	-	11.3	29	-5.1	6	-	-	1.43	-	.25	29	16	8	15	2	3	4	1	2	24	26	0	3.65	-	
	West Raynham ...	9 9	178	5.4	0.1	2.7	-3.4	10.0	29	-3.3	7	-	-	1.15	79	.24	29	19	7	-	4	-	-	-	-	0	14	25	-	4.38	102
	Cromer ...	9 9	93	5.8	-1.1	2.3	-3.4	11.7	29	-6.7	15, 17	3.5	-	1.17	76	.26	29	18	12	12	4	1	5	1	0	20	26	0	3.26	77	
	Burlingham ...	9 9	89	5.7	-0.4	2.7	-	11.1	29	-5.0	15, 17	-	-	.96	67	.20	29	16	10	12	4	1	5	2	2	18	23	0	3.66	-	
	Gorleston ...	21-9	12	5.7	0.7	3.2	-2.5	11.0	29	-3.3	15	4.1	5.6	1.12	83	.20	29	20	9	10	3	5	0	0	0	1	15	20	1	3.93	93
	Mildenhall ...	21-9	15	6.8	-1.2	2.8	-	13.9	29	-7.4	17	-	-	1.29	103	.28	29	12	9	11	2	0	8	0	0	1	21	25	0	3.50	-
	East Bergholt ...	9 9	14	6.8	-1.6	2.6	-	14.4	29	-11.1	6	-	-	1.80	-	.57	10	16	11	9	1	0	1	1	1	22	27	0	-	-	
Wattisham ...	21-9	292	5.5	-1.4	2.1	-	13.9	29	-6.4	15	-	-	1.47	-	.39	10	16	8	16	3	2	3	1	4	23	26	0	-	-		
Lowestoft ...	9 9	82	6.1	-0.2	2.9	-2.7	10.6	29	-4.4	15	3.6	4.7	1.33	101	.26	29	19	13	13	4	1	0	0	0	3	18	21	0	3.82	87	
Cambridge	Boxworth ...	9 9	157	6.7	-1.8	2.5	-	14.4	29	-8.3	17	-	-	1.04	80	.29	28	12	6	8	1	0	0	0	0	1	22	27	0	3.33	-
Cambridge Bot. Gdn.	9 9	41	6.9	-1.9	2.5	-3.6	15.0	29	-8.3	17	3.6	5.1	1.29	99	.37	29	12	8	8	2	0	0	0	0	1	19	26	-	-	-	
Cambridge N.I.A.B.s	9 9	85	6.8	-1.4	2.7	-	14.4	29	-8.3	17	-	-	1.04	79	.31	28	8	6	11	2											



TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER MARCH 1962

DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)		WEATHER										BRIGHT SUNSHINE					
			Means of		Difference from Average	Highest Maximum and Lowest Minimum				Precip'n					Number of days															
			A Max.	B Min.		Maximum	Date	Minimum	Date	1 ft.	4 ft.	Total Fall	Percentage of Average	Amount	Date	0.1in. (0.2mm.) or more	0.01in. (1.4mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. O C or less	Gale	Daily Mean	Percentage of Average		
			G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.													hr	%	
4 MIDLAND COUNTIES—cont.																														
Yorks.,	Ilkley ...	9 9	315	6.0	-1.4	2.3	-2.8	10.6	27, 29	-6.7	7, 15	-	-	1.28	54	.29	28	10	8	8	3	0	0	0	3	19	-	0	3.55	113
W. Riding—	Sheffield ...	9 9	429	6.0	-0.7	2.7	-3.1	14.4	29	-4.4	15, 18	3.2	4.6	1.09	55	.30	28	13	8	13	5	0	0	0	-	17	29	0	3.76	129
cont.	Wakefield ...	9 9	121	6.8	-1.2	2.8	-3.1	13.3	29	-6.1	18	2.9	4.7	.96	56	.25	28	11	8	8	2	1	1	0	9	20	27	0	-	-
	Pontefract ...	9 9	255	6.2	-0.9	2.7	-2.8	12.8	29	-4.4	4, 18	-	-	.64	46	.20	28	12	5	11	4	0	3	0	8	21	24	0	-	-
	Bramham ...	9 9	177	5.9	-1.7	2.1	-	11, 7	29	-6.1	7, 18	-	-	1.13	-	.34	31	16	7	3	2	0	0	0	3	22	-	0	3.93	-
	Cawood ...	9 9	20	6.5	-1.5	2.5	-	12.2	29	-6.1	7, 15	2.6	4.1	.79	55	.22	31	10	6	4	3	0	1	0	3	21	25	0	4.01	-
Derby	Askham Bryan ...	9 9	110	6.4	-1.3	2.5	-	11, 7	29	-5.6	15	-	-	.91	60	.23	31	13	6	4	2	0	1	0	3	21	26	0	3.80	-
	Buxton ...	9 9	1007	3.7	-2.6	1.1	-2.9	7.2	20, 27	-10.0	4	1.6	3.1	2.08	72	.66	25	14	9	11	9	0	0	0	7	27	28	0	-	-
	Chapel en le Frith	9 9	732	5.4	-2.4	1.5	-	12.2	29	-8.9	5	-	-	1.39	-	.41	25	12	7	10	3	0	0	0	2	25	30	0	-	-
	Mackworth ...	9 9	293	6.3	-1.8	2.3	-	13.3	29	-7.2	15	-	-	.88	-	.31	28	9	6	9	1	0	2	0	5	22	27	0	-	-
	Belper ...	9 9	203	6.8	-1.9	2.5	-3.1	11, 7	29	-7.2	15	-	-	1.21	67	.39	28	10	6	6	1	0	0	0	0	22	-	0	-	-
	Derby ...	9 9	159	6.9	-1.3	2.8	-	13.9	29	-6.1	15, 17	-	-	.59	-	.22	28	13	3	2	1	0	0	0	6	22	25	0	3.53	-
	Morley ...	9 9	350	6.2	-1.5	2.3	-	12.2	29	-6.7	15	-	-	.87	-	.31	28	10	6	10	2	0	0	0	-	22	27	0	3.69	- \$
	Chesterfield ...	9 9	298	6.5	-1.9	2.3	-	13.9	29	-6.7	18	-	-	1.17	-	.26	28	13	9	8	6	0	0	0	0	12	24	-	0	-
Nottingham	Sutton Bonington	9 9	157	6.3	-1.7	2.3	-3.4	12.8	29	-7.8	4, 5	2.9	4.4	1.12	79	.39	2	9	6	6	5	3	0	4	4	21	25	0	3.17	92
	Watnall ...	21-9	385	6.2	-1.4	2.4	-	13.7	29	-5.2	4	-	-	1.20	70	.31	28	10	6	16	2	0	3	0	5	21	25	0	3.62	-
	Mansfield ...	9 9	362	6.0	-1.0	2.5	-3.1	13.3	29	-5.0	4, 15, 18	2.8	-	1.44	82	.29	28	13	8	8	0	0	0	3	21	26	0	-	-	
	Nottingham %	9 9	192	6.8	-0.6	3.0	-3.1	13.9	29	-5.0	15	2.4	3.5	1.00	68	.26	28	9	7	6	6	0	0	0	4	17	25	0	3.55	114)
	Warsop (Gleadthorpe)	9 9	150	6.2	-2.1	2.1	-	12.2	27	-8.3	17, 18	-	-	.93	63	.25	28	16	7	9	3	0	2	0	4	21	26	0	3.44	-
	Finningley ...	21-9	34	7.0	-0.4	3.3	-	14.4	29	-5.2	17	-	-	.85	-	.16	10	10	7	9	2	0	1	1	4	16	23	0	4.23	- \$
Leicester	Newtown Linford	9 9	392	6.3	-2.1	2.1	-	12.2	29	-7.8	18	-	-	1.13	-	.33	2	12	7	11	5	0	2	1	4	23	26	0	3.85	-
	Caldecott ...	9 9	175	6.9	-3.1	1.9	-	13.3	29	-10.0	17, 18	-	-	1.01	-	.38	28	9	7	-	2	-	-	-	1	27	27	-	3.14	-
Northampton	Raunds ...	9 9	193	6.8	-2.5	2.1	-	14.4	29	-10.0	17	3.2	5.6	.96	67	.34	28	12	7	12	0	0	2	1	4	25	27	0	-	-
	Wittering ...	21-9	212	6.4	-1.5	2.9	-	12.9	29	-6.3	17	-	-	1.14	-	.25	28	14	8	19	2	0	4	1	4	21	25	0	3.82	-
Warwick	Birmingham K.E.S.	9 9	450	5.9	-1.3	2.3	-	12.2	29	-5.6	4, 5, 15	-	-	.85	-	.20	10	12	8	17	0	0	0	0	2	20	-	0	-	-
	Birmingham %	21-9	536	5.9	-0.5	2.7	-3.2	12.1	29	-5.7	4	3.9	6.1	.94	50	.29	10	12	4	15	4	1	0	0	4	19	24	0	3.54	111
	Luddington ...	9 9	138	7.3	-2.3	2.5	-	13.3	9	-8.9	15	-	-	.94	65	.31	28	9	7	10	1	0	2	0	1	21	25	0	3.75	-
	Stratford on Avon	9 9	160	7.4	-2.6	2.4	-	13.9	29	-9.4	5, 15	3.5	-	1.07	-	.34	28	9	7	12	1	1	2	0	2	22	26	0	3.79	-
	Birmingham Airport*	21-9	319	6.6	-2.0	2.3	-	12.6	29	-8.2	4	-	-	1.16	69	.35	28	13	6	14	3	1	2	1	4	21	24	0	3.88	-
	Shipston on Stour	9 9	365	6.6	-2.0	2.3	-	13.3	29	-6.7	15	2.9	-	1.03	-	.39	28	10	6	12	4	0	4	0	4	25	27	-	4.26	-
	Wellesbourne ...	9 9	153	6.9	-2.2	2.3	-	12.8	9, 29	-7.8	5, 15, 18	2.7	4.3	.95	60	.37	28	8	6	8	1	0	0	0	3	23	26	0	3.50	-
	Moreton Morrell...	9 9	280	6.9	-1.9	2.5	-	15.0	27	-7.2	4, 6	-	-	1.06	-	.38	28	12	6	7	1	0	0	0	3	21	29	1	3.60	-
	Coventry...	9 9	338	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Rugby ...	9 9	385	6.6	1.8	4.2	-	12.8	29	-7.2	16	2.9	5.2	1.10	-	.28	28	13	8	-	2	-	-	-	-	20	25	-	-	-
Oxford	Oxford ... %	9 9	208	7.3	-0.7	3.3	-3.1	15.0	29	-6.1	17	3.4	5.0	1.27	76	.65	28	12	6	10	1	1	1	1	2	19	25	0	4.07	103
Buckingham	Aylesbury ...	9 9	316	6.9	-1.9	2.5	-	13.9	29	-7.8	6, 17	-	-	1.40	-	.81	28	10	6	14	1	1	1	1	4	23	28	0	3.56	-
Stafford	Keele ...	9 9	587	5.5	-1.5	2.0	-	12.2	29	-7.8	5	2.4	4.5	1.58	85	.72	2	13	6	13	7	0	1	1	5	23	28	0	4.22	-
	Oaken ...	9 9	409	6.9	-2.5	2.2	-3.2	12.8	29	-7.8	4	2.6	-	.86	-	.29	10	9	6	-	-	-	-	-	-	22	29	-	-	-
	Stone ...	9 9	350	6.2	-2.5	1.9	-	13.3	29	-12.8	4	-	-	1.07	-	.34	2	8	5	7	7	0	1	0	5	23	27	0	3.75	-
	Penkridge ...	9 9	330	6.3	-2.2	2.1	-	11, 7	29	-8.3	4	-	-	.97	-	.29	28	10	8	1	0	0	2	0	2	24	31	0	-	-
	Onecote ...	9 9	1350	3.2	-3.1	0.1	-	10.0	29	-7.2	3	0.7	3.3	2.26	-	.50	28	8	8	6	10	0	0	0	5	28	30	0	3.46	-
Shropshire	Oswestry ...	9 9	570	5.8	-1.1	2.3	-	10.6	29, 30	-4.4	4	-	-	1.77	-	.85	10	10	9	13	1	1	0	0	0	22	28	0	4.29	- \$
	Church Stretton	-	582	-	-	-	-	-	-	-	-	-	-	1.83	78	.82	10	14	9	-	-	-	-	-	-	-	-	-	3.69	- \$
	Shrewsbury ...	9 9	184	6.9	-1.6	2.7	-	13.3	29	-11.1	4	4.4	6.8	1.50	93	.79	10	13	5	12	3	2	7	0	3	23	26	1	4.00	-
	Shawbury ...	21-9	235	6.6	-2.0	2.3	-	13.3	29	-8.1	5	-	-	1.01	62	.46	10	7	4	13	3	1	4	0	2	23	24	0	4.34	-
	Newport ...	9 9	211	6.7	-2.2	2.3	-	13.3	29	-8.3	4	-	-	.94	57	.28	28	11	6	12	3	1	2	1	0	23	28	1	3.76	- \$
Worcester	Malvern ...	9 9	203	7.2	-0.4	3.4	-3.0	13.3	6	-5.6	6																			



TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER MARCH 1962

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation		Height of Station above Mean Sea Level		AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)		WEATHER Number of days										BRIGHT SUNSHINE								
						Means of				Highest Maximum and Lowest Minimum						Total Fall	Per-cent- age of Average	Most in a day		Precip'n		Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.			Air Frost	Grass min. 0°C. or less	Gale	Daily Mean	Per-cent- age of Average		
						A Max.	B Min.	Mean Temperature Mean of A and B	Difference from Average	Maximum	Date	Minimum	Date					1 ft.	4 ft.	Amount	Date														-0.1in. (0.2mm.) or more	-0.01in. (1.0mm.) or more
G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.													hr	%								
5	ENGLAND, S.E.—cont.																																			
	Surrey —cont.																																			
	Mickleham ...	9 9	179	6.8	-1.9	2.5	-	14.4	29	-7.8	15	-	-	1.45	77	.55	28	11	7	8	4	1	1	0	1	24	25	1	-	-						
	Kew Observatory §	21-9	18	6.7	0.9	3.8	-2.9	13.2	29	-4.9	17	3.5	5.9	1.35	92	.67	28	7	6	10	1	0	0	0	1	13	21	0	3.64	100						
	London (Gatwick) §																																			
	Airport	21-9	192	6.9	-1.9	2.5	-	13.9	29	-9.2	15	-	-	1.55	-	.62	28	12	7	10	2	1	0	0	1	22	24	0	3.60	-						
Kent	Croydon (Waddon)	9 9	220	6.9	-0.6	3.1	-3.4	13.9	29	-6.1	15, 17	-	-	1.44	85	.55	28	9	7	-	-	-	-	-	-	19	-	-	-	-						
	Addington ...	9 9	474	6.1	-0.7	2.7	-3.1	12.8	29	-5.0	6	-	-	1.54	87	.51	28	13	8	-	-	-	-	-	0	22	-	-	-	-						
	Bromley ...	9 9	213	6.9	-0.3	3.3	-3.2	13.9	29	-6.1	17	-	-	1.52	94	.46	28	12	10	-	1	-	-	-	-	20	-	-	-	-						
	Swanley ...	9 9	177	6.9	-1.1	2.9	-	13.9	29	-7.8	17	3.8	-	1.62	-	.50	10	12	8	7	2	0	0	0	1	21	25	0	3.14	-						
	Dartford ...	9 9	17	7.2	-0.8	3.2	-	14.4	29	-7.2	17	-	-	1.37	99	.48	28	11	7	7	2	0	0	1	1	18	-	0	-	-						
	Tunbridge Wells	9 9	351	6.3	-2.2	2.1	-3.7	13.3	29	-7.8	6, 15	3.3	4.8	1.84	93	.65	28	13	8	13	3	1	1	0	4	25	25	0	4.23	101						
	Goudhurst ...	9 9	280	6.5	-1.8	2.3	-	12.2	29	-7.8	6, 17	-	-	2.28	109	.63	28	15	9	7	5	0	0	0	0	22	25	0	-	-						
	East Malling §	9 9	122	6.9	-1.0	2.9	-3.0	14.4	29	-7.2	17	-	5.0	1.72	105	.58	28	9	8	10	3	0	0	0	1	20	25	0	4.06	103						
	Benenden ...	9 9	195																																	
	Gillingham ...	9 9	14	7.0	-0.2	3.4	-	14.4	29	-6.1	17	-	-	1.48	-	.40	28	11	10	1	1	0	0	0	1	16	-	0	3.66	-						
	Sittingbourne ...	9 9	224	6.7	-0.7	3.0	-	14.4	29	-6.7	6, 17	3.4	5.3	2.11	-	.61	10	13	10	8	1	0	1	1	1	23	25	0	4.06	-						
	Isle of Grain ...	9 9	9	7.0	0.8	3.9	-	13.9	29	-3.9	15	-	-	1.51	-	.35	10	11	9	-	1	-	-	-	0	13	22	-	3.86	-						
	Faversham ...	9 9	157	6.0	-0.6	2.7	-	13.3	29	-7.8	6	3.7	5.1	1.94	-	.41	10	13	11	7	3	0	4	1	1	18	25	0	3.86	-						
	Dungeness ...	21-9	10	6.3	-0.4	2.9	-	11.0	27	-6.5	6	-	-	1.89	125	.45	28	15	9	8	1	1	0	0	1	17	-	0	-	-						
	Wye ...	9 9	185	6.4	-0.5	2.9	-3.0	12.8	29	-6.7	6	-	-	1.83	95	.53	28	14	10	9	1	0	0	1	1	19	25	0	4.16	96						
	Whitstable ...	9 9	9	6.2	0.2	3.2	-	13.9	29	-7.2	17	-	-	1.63	122	.34	10	15	11	3	1	0	1	1	0	15	-	0	3.90	-						
	Folkstone ...	9 9	128	6.4	1.1	3.7	-	10.6	27	-2.8	15	-	7.3	2.17	139	.71	28	17	11	9	2	1	3	1	3	11	-	0	4.53	-						
	Wingham (Elmstone)	9 9	28	6.8	-0.8	3.0	-	15.0	29	-7.2	17	-	-	1.76	-	.35	28	17	13	-	0	-	-	-	-	19	21	-	-	-						
	Herne Bay ...	9 9	21	6.7	1.1	3.9	-	14.4	29	-4.4	17	-	-	1.59	113	.38	10	12	9	7	1	0	1	1	0	10	-	0	4.16	-						
	Dover ...	9 9	19	6.1	1.2	3.7	-2.6	10.0	9, 27	-2.8	6	4.9	6.6	2.45	136	.71	28	18	12	11	0	1	1	2	1	11	18	0	4.46	- 5						
Dover R.M.S. ...	9 9	402																																		
Deal ...	21-9	18	6.0	1.7	3.9	-	13.4	29	-3.6	15	-	-	1.77	-	.39	28	18	10	8	1	1	0	2	1	7	11	1	-	-							
Manston ...	21-9	145	6.2	0.3	3.3	-	14.2	29	-4.4	25	-	-	1.46	-	.30	28	17	9	10	1	2	4	0	0	17	22	0	-	-							
Ramsgate ...	9 9	80	6.2	1.4	3.8	-	13.9	29	-3.9	25	-	-	1.68	128	.40	28	11	10	9	0	1	0	1	1	9	-	0	4.57	102							
Margate ...	9 9	51	5.7	1.7	3.7	-2.9	13.9	29	-1.7	6	4.1	6.1	1.49	122	.37	28	12	10	0	0	1	1	1	0	9	19	0	4.65	101							
Thorney Island	21-9	10	7.0	0.1	3.5	-	13.0	29	-5.0	6, 15	-	-	1.51	87	.53	28	10	8	0	0	0	0	0	0	17	23	0	4.32	-							
Bognor Regis ...	9 9	24	6.6	0.6	3.6	-2.8	12.2	27	-3.3	5	-	6.8	1.64	86	.49	28	10	8	3	0	0	0	0	1	13	20	0	4.10	10							
Littlehampton ...	9 9	15	7.1	0.2	3.7	-2.6	13.3	27	-3.9	18	-	5.9	1.67	92	.51	28	11	8	2	1	0	0	0	1	16	-	0	4.60	99							
Rustington ...	9 9	10	6.9	-0.1	3.4	-	12.2	27	-5.0	15	-	5.4	1.69	-	.57	28	11	9	-	1	-	-	-	2	18	23	-	4.04	-							
Worthing ...	9 9	25	6.7	0.8	3.7	-2.9	12.2	27	-2.8	5, 15	4.3	6.2	1.53	89	.52	28	10	7	6	1	1	0	0	1	12	22	1	4.51	95							
Brighton ...	9 9	32	6.6	1.1	3.9	-	12.2	27	-3.9	15	-	6.5	1.72	99	.51	28	9	7	5	0	1	0	0	4	10	23	0	4.51	-							
East Grinstead ...	9 9	400		-2.0		-			-11.1	17	4.0	-							7	2	0	0	0	0	0	25	27	0	-	-						
Seaford ...	9 9	45	6.6	0.0	3.3	-	11.7	27	-5.0	6, 25	-	-												2	20	-	0	4.47	-							
Eastbourne ...	9 9	23	6.4	1.0	3.7	-2.8	11.1	27	-3.3	6, 15	5.1	7.6	1.96	99	.55	28	12	7	5	-	1	0	0	2	13	18	1	4.81	102							
Eastbourne (C/guard)	21-9	17	6.7	0.3	3.5	-	11.5	27	-4.3	15	-	-	2.04	-	.58	28	12	8	3	1	1	0	0	1	17	20	1	-	-							
Bexhill ...	9 9	12	6.4	0.6	3.5	-2.8	11.1	27	-4.4	15	5.2	-	1.86	104	.50	28	11	9	6	1	0	0	0	2	14	25	0	4.57	-							
Sedlescombe ...	9 9	188	6.7	-1.0	2.9	-	12.8	9	-5.6	5, 15, 17	-	-	2.56	-	.23	28	16	11	12	5	1	0	0	0	22	25	0	-	-							
Bodiam ...	9 9	73	7.0	-1.2	2.9	-	12.8	9	-8.3	6	3.9	5.9	2.25	-	.63	28	12	9	-	4	-	-	-	1	20	25	-	4.26	-							
Hastings ... §	9 9	149	6.2	0.7	3.5	-2.9	10.6	27	-2.8	6, 18	4.3	6.5	1.77	98	.52	28	14	9	10	1	0	3	0	3	13	24	0	4.59	99							
Letcombe Regis	9 9	350	7.1	-2.2	2.5	-	13.3	29	-8.3	15, 18	-	-	1.21	-	.51	28	7	7	0	0	0	0	0	2	19	-	1	-	-							
Abingdon ...	21-9	10	7.4	-1.2	3.1	-	14.5	29	-7.4	15	-	-	1.21	79	.62	28	9	6	12	1	1	3	1	2	21	24	0	4.03	-							
Compton ...	9 9	339	6.8	-2.3	2.3	-	13.3	29	-8.3	15, 17	3.7																									



TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER MARCH 1962

DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)				WEATHER Number of days										BRIGHT SUNSHINE			
			Means of		Difference from Average	Highest Maximum and Lowest Minimum				Total Fall			Per-centage of Average	Most in a day		Precip'n			Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. O.C. or less	Gale	Daily Mean	Per-centage of Average	
			A	B		Maximum	Date	Minimum	Date	1 ft.	4 ft.	Amount		Date	-0.1in (0.2mm.) or more	-0.4in (1.0mm.) or more														
			Max.	Min.		Max.	Min.	Mean Temperature	Mean of A and B	Maximum	Date	Minimum		Date	in.	%	in.													
7a ENGLAND, N.W.																														
Cumberland	Sellafield ...	9 9	43	6.8	-0.4	3.2	-	10.0	10.20	-5.6	13	-	-	1.31	49	.46	25	7	6	-	0	-	-	-	0	19	25	-	4.27	-
	Carlisle ...	21-9	88	6.3	-1.3	2.5	-	10.1	27	-7.1	6	-	-	1.03	-	.32	25	11	8	7	0	2	1	0	1	18	23	0	3.27	-
Westmorland	Newton Rigg ¶§	9 9	560	5.3	-2.1	1.6	-3.2	8.9	27	-8.3	15	1.9	-	.92	42	.29	25	14	8	-	1	-	-	-	0	22	29	-	3.44	100
	Spadeadam ...	9 9	900	3.9	-3.6	0.1	-	8.3	27	-11.1	3	0.9	2.7	1.86	-	.79	25	18	9	15	10	0	6	0	1	26	30	0	3.41	-
Lancashire	Ambleside ...	9 9	151	6.6	-1.6	2.5	-	10.6	19	-7.8	6	-	-	2.71	58	1.31	25	11	8	6	1	1	1	0	0	20	-	0	3.65	-
	Great Dun Fell ...	-	2780	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	30	31	-	2.35	-
Cheshire	Moor House ...	9 9	1825	1.1	-6.0	-2.5	-	5.0	9	-14.4	7	0.7	-	2.33	-	.76	25	23	15	-	25	-	-	-	3	30	31	-	(3.06)	-
	Barrow-in-Furness	9 9	55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	-	-	-	-	-
Westmorland	Squires Gate ...	21-9	33	6.6	-1.0	2.8	-	9.8	29	-6.8	6	-	-	1.53	81	.36	28	14	10	7	1	0	1	0	2	17	23	3	4.85	-
	Urswick ...	9 9	130	7.3	-1.5	2.9	-	10.6	20, 27	-6.7	3, 4	-	-	1.89	-	.58	28	11	9	3	1	0	0	0	4	22	-	0	-	-
Lancashire	Poulton-le-Fylde	9 9	38	6.8	-1.0	2.9	-	10.6	20, 29	-8.9	3	-	-	1.48	-	.38	28	12	9	5	1	0	0	0	4	18	-	0	-	-
	Grizedale ...	9 9	300	6.1	-3.3	1.4	-	10.0	19, 27	-9.4	13	2.6	-	2.97	-	1.04	25	9	8	4	4	0	0	0	1	27	30	0	-	-
Lancashire	Liverpool Airport	21-9	80	6.6	0.1	3.3	-	12.6	29	-4.7	4	-	-	1.32	75	.44	28	9	7	10	3	0	5	0	2	15	22	0	4.20	-
	Kirkham ...	9 9	78	6.7	-1.2	2.7	-	11.1	29	-6.7	3, 4, 5	-	-	1.54	74	.37	25	11	7	5	1	2	0	0	1	19	25	0	4.63	-
Lancashire	Garstang ...	9 9	68	6.8	-1.1	2.9	-	11.1	27	-6.7	3	-	-	1.56	-	.45	25	9	7	-	1	-	-	-	1	21	25	-	4.58	-
	Morecambe ...	9 9	24	6.3	-0.1	3.1	-2.7	9.4	10	-3.9	3, 6, 15	-	-	1.68	79	.64	25	9	7	2	1	0	0	0	0	14	-	0	4.68	122
Lancashire	Preston (Moor Pk.)	9 9	108	6.7	-1.0	2.9	-	12.2	29	-7.2	4	-	-	1.49	68	.40	25	11	8	9	1	0	3	0	5	16	23	0	-	-
	Bolton ...	9 9	352	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lancashire	Darwen ...	9 9	724	4.9	-1.7	1.6	-3.3	10.0	29	-7.2	4	2.3	3.6	2.53	78	.58	28	12	11	8	9	0	0	0	0	25	-	0	-	-
	Stonyhurst ¶§	9 9	377	6.1	-1.6	2.3	-3.0	10.6	29	-7.2	4	-	-	1.66	63	.39	25	10	9	-	2	-	-	-	2	22	26	-	3.88	117
Lancashire	Manchester	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Weather Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lancashire	Helmshore ...	9 9	854	4.7	-1.8	1.5	-	10.0	29	-7.8	4	2.5	-	2.71	-	.83	25	12	7	-	7	-	-	-	4	24	27	-	3.78	-
	Manchester	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lancashire	(Smokeless Zone)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Burnley ...	9 9	655	5.1	-2.5	1.3	-	10.0	29	-10.0	4	2.7	4.7	1.64	-	.38	31	11	10	6	5	1	0	0	0	24	26	0	2.62	-
Cheshire	Nelson ...	9 9	540	4.9	-1.7	1.6	-	10.6	29	-9.4	4	2.0	4.2	1.58	66	.39	28	14	7	-	8	-	-	-	4	21	27	-	3.15	-
	Rochdale ...	9 9	362	5.7	-1.4	2.1	-	12.2	29	-6.7	4, 5	-	-	2.12	-	.76	25	13	9	6	1	0	0	0	4	21	26	0	3.28	-
Cheshire	West Kirby Park	9 9	25	6.9	-	-	-	11.1	9	-6.1	4	-	-	-	-	.37	28	-	-	-	-	-	-	-	-	23	-	-	5.02	-
	Bidston Obs'y. ¶§	9 9	198	5.7	0.6	3.1	-2.9	11.7	29	-3.3	4	-	-	1.08	66	.39	28	11	7	-	-	-	-	-	3	13	24	-	4.74	128
Cheshire	Northwich (Winnington)	9 9	65	7.3	-0.6	3.3	-	13.9	29	-10.6	4	-	-	1.31	74	.33	28	11	7	9	4	1	0	0	2	16	23	1	-	-
	Knutsford ...	9 9	212	6.8	-1.5	2.7	-	13.3	29	-11.7	4	2.8	4.5	1.61	-	.66	2	11	9	-	4	-	-	-	2	23	-	-	-	-
Cheshire	Manchester Airport ¶§	21-9	248	6.0	-0.7	2.7	-3.2	12.4	29	-9.7	4	-	-	1.67	94	.39	25	11	8	9	4	0	3	0	1	18	23	0	3.99	133
	Macclesfield ...	9 9	500	5.8	-1.3	2.3	-3.1	12.2	29	-8.9	4	-	-	1.52	74	.46	25	10	8	13	7	1	1	0	3	23	-	2	-	-
7b NORTH WALES																														
Flint	Rhyl ...	9 9	31	6.6	-0.3	3.1	-3.5	11.7	29	-5.6	4	-	-	.87	52	.22	28	12	7	4	0	1	4	0	0	19	22	0	5.00	128
	Prestatyn ...	9 9	12	6.8	-0.2	3.3	-	12.8	29	-5.6	4, 18	-	-	.82	46	.31	28	10	6	5	0	1	0	0	0	20	-	0	-	-
Anglesey	Hawarden Bridge	9 9	17	6.9	-0.6	3.1	-3.1	12.8	29	-6.1	6	-	-	.94	55	.28	28	12	7	6	2	0	6	0	3	20	-	0	-	-
	Holyhead (Valley)	21-9	26	7.2	0.8	4.0	-2.8	12.4	10	-3.4	3	-	-	1.85	89	.49	25	16	8	9	2	0	2	0	1	12	20	1	5.05	125
Denbigh	Alwen ...	9 9	1100	4.4	-5.2	-0.4	-	8.9	9	-15.0	6	-	-	2.06	-	.53	25	16	13	-	-	-	-	-	-	27	30	-	-	-
	Ruthin ...	9 9	248	6.4	-1.5	2.5	-	11.7	9, 29	-7.8	4	-	-	(.81)	-	.18	25	(13)	(8)	-	2	-	-	-	0	23	-	-	-	-
Denbigh	Loggerheads ...	9 9	690	5.4	-3.2	1.1	-	12.2	9	-10.6	4	2.6	4.4	1.00	-	.22	10, 28	14	7	14	5	0	0	0	0	25	25	0	-	-
	Bwlchwyn ...	9 9	1267	4.3	-2.9	0.7	-	8.9	9	-6.7	6	2.1	-	1.50	-	.31	10	13	10	-	6	0	0	0	2	27	29	0	-	-
Caernarvon	Wrexham ...	9 9	275	6.6	-0.9	2.9	-	13.3	29	-5.6	4, 6	2.9	4.7	1.06	-	.36	10	11	7	10	2	0	1	0	3	23	26	0	-	-
	Bardsey Island ...	21-9	60	6.5	1.9	4.2	-	10.0	26	-3.3	4	-	-	2.07	-	.74	15	11	10	-	-	-	-	-	0	5	8	-	-	-
Caernarvon	Botwnnog ...	9 9	112	7.0	0.3	3.7	-	11.1	26	-4.4	4	4.4	6.2	2.14	-	.61	25	15	10	8	2	0	3	1	1	15	23	0	4.46	-
	Bryn Adda ...	9 9	275	6.9	0.2	3.5	-	11.7	10	-3.9	6	-	-	2.04	-	.72	25	13	9	8	0	1	4	0	0	16	25	0	4.33	-
Caernarvon	Cwm Dyli ...	9 9	324	6.6	-0.9	2.9	-	11.1	10	-7.2	6	3.7	-	4.85	-	2.25	25	16	13	-	5	-	-	-	0	22	26	-	-	-
	Aber ...	9 9	60	6.9	0.6	3.7	-3.3	12.8	29	-3.3	6	-	-	2.12	83	.88	25	14	8	11	2	1	1	0	0	14	22	3	3.78	123
Merioneth	Llandudno ¶§	9 9	13	6.4	0.6	3.5	-3.4	11.7	29	-5.0	4	-	-	1.24	67	.29	28	13	8	2	3	0	0	0	0	12	-	0	4.94	125
	Llyn Stwlan ...	9 9	1656	2.3	-2.6	-0.1	-	7.2	9	-6.7	6	-	-	4.54	-	1.40	25	18	15	-	14	-	-	-	-	28	30	-	-	-
Merioneth	Trawsfynydd ...	9 9	611	6.2	-1.7	2.3	-	10.0	9	-7.2	4	-	-	2.91	-	.96	25	13	12	-	1	-	-	-	0	23	29	-	-	-
	Blaenau Ffestiniog	9 9																												



TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER MARCH 1962

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)		WEATHER										BRIGHT SUNSHINE					
				Means of		Difference from Average	Highest Maximum and Lowest Minimum				Total Fall			Per-cent- age of Average	Most in a day		Precip'n			Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. °C. or less	Gale	Daily Mean	Per-cent- age of Average	
				A	B		Maximum	Date	Minimum	Date	1 ft.	4 ft.	in.	%	in.	Date	-0.01 in. (0.2mm.) or more	-0.01 in. (1.6mm.) or more													
				Max. Min.	ft.		°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.	Date	-0.01 in. (0.2mm.) or more												-0.01 in. (1.6mm.) or more
ENGLAND, S.W.																															
Somerset	Hawkrigg (Liscombe)	99	1030	4.9	-1.4	1.7	-	10.6	9,29	-6.7	6	-	-	3.08	-	1.23	28	15	10	-	3	-	-	-	2	24	26	-	-		
	Cannington	99	95	7.7	-0.3	3.7	-	12.8	9	-6.7	6	4.7	-	1.10	58	.42	28	11	7	0	0	0	0	0	0	20	22	0	4.50	-	
	Weston-a-Mare	99	28	7.5	0.2	3.9	-	13.9	9	-5.6	6	-	-	1.78	90	.92	28	8	6	3	0	1	0	0	0	1	16	-	0	4.51	115
	Long Ashton	99	162	7.5	-0.8	3.3	-3.1	12.9	9	-6.7	6	4.1	-	1.54	69	.74	28	9	6	11	0	0	0	0	0	18	22	0	4.47	113	
	Bath (City Boys' School)	99	388	7.3	-0.7	3.3	-	13.9	29	-5.0	5	-	-	1.30	-	.55	28	9	9	2	1	0	0	0	0	21	-	0	-	-	
Dorset	Bath	99	67	7.8	-1.0	3.4	-3.3	14.4	9,29	-7.8	6	4.2	5.7	1.47	73	.64	28	10	8	9	0	1	0	0	0	20	23	0	4.41	110	
	Portland Bill	21-9	35	6.7	2.3	4.5	-2.2	10.0	27,30	-2.2	5	-	-	1.36	76	.61	28	7	6	4	0	0	1	0	1	8	-	2	-	-	
	Weymouth	99	16	7.8	0.8	4.3	-2.8	12.8	26,27	-5.0	6	-	-	1.58	78	.69	28	9	7	-	0	-	-	-	1	14	-	-	4.34	95	
	Shaftesbury	99	680	6.3	-2.6	1.9	-3.8	12.2	9	-6.7	17	-	-	1.08	50	.47	28	8	7	-	0	-	-	-	3	27	-	-	-	-	
	Swanage	99	37	7.1	0.7	3.9	-	12.2	27	-4.4	6	-	7.6	1.66	-	.63	28	9	7	2	-	1	0	0	3	12	15	2	4.38	-	
Devon	Poole	99	18	8.6	-0.6	4.0	-	14.4	27	-7.2	6	-	-	1.24	-	.52	28	9	8	4	0	1	0	0	1	18	-	0	4.21	-	
	Clayton	99	412																												
	Hartland Pt.	21-9	298	6.2	2.2	4.2	-	14.0	9	-1.6	4	-	-	2.35	-	.65	28	12	9	7	1	0	1	0	1	6	16	2	4.60	-	
	Plymouth (Mt. Batten)	21-9	87	7.0	1.2	4.1	-3.2	11.2	27	-4.7	6	-	-	4.31	158	1.14	7	13	8	9	1	1	1	0	1	14	21	0	4.23	97	
	Plymouth (The Hoe)	99	119	7.8	1.2	4.5	-3.1	12.8	26	-3.9	5,6	4.9	7.1	4.07	149	1.08	7	12	9	3	1	1	0	0	2	11	21	3	4.24	96	
Cornwall	Chivenor	21-9	20	7.8	1.3	4.5	-	14.1	9	-4.3	5	-	-	2.29	-	1.07	28	11	7	9	0	1	0	0	0	12	20	1	4.93	-	
	Ilfracombe	99	25	7.1	2.2	4.7	-2.9	14.4	9	-2.8	4	5.4	7.7	2.75	113	1.01	28	11	8	2	0	0	0	0	0	7	16	0	4.80	112	
	Totnes	99	120	7.8	-0.5	3.7	-	13.3	29	-7.8	6	4.9	7.1	3.80	109	.95	7	11	9	7	2	0	1	0	1	19	22	0	4.03	-	
	Slapton	99	104	7.1	1.6	4.3	-	12.2	26,29	-3.3	5	-	-	3.88	-	.94	7	11	10	4	4	1	0	0	0	11	17	0	-	-	
	Newton Abbot	99	272	7.3	0.3	3.8	-2.9	13.3	29	-4.4	5	-	-	3.09	107	.86	7	11	8	3	2	0	0	0	1	17	22	0	4.28	99	
Wiltshire	Paignton	99	8	7.9	1.2	4.5	-	13.9	29	-4.4	6	-	-	2.75	95	.84	7	10	7	2	1	1	0	0	0	12	20	0	4.08	96	
	Torquay	99	26	7.6	1.7	4.7	-2.6	12.8	26,29	-3.3	6	-	6.8	2.67	102	.81	7	11	8	3	1	1	0	0	0	9	16	1	4.57	103	
	Teignmouth	99	20	7.4	1.8	4.6	-2.8	12.8	29	-3.3	6	-	-	2.33	93	.61	28	10	7	2	0	0	0	0	0	10	16	1	4.13	94	
	Starcross	99	29	7.5	0.3	3.9	-	13.9	29	-5.0	5	4.7	-	2.07	-	.59	7	9	6	1	0	0	1	0	0	17	21	1	4.32	-	
	Exeter (Southam)	99	160	7.4	-0.4	3.5	-	13.3	29	-6.7	6	-	-	1.89	-	.50	28	10	7	1	0	1	0	0	4	20	-	0	-	-	
Wiltshire	Exmouth	99	195																												
	Exeter	21-9	106	7.3	0.3	3.8	-	12.7	29	-6.4	6	-	-	1.74	74	.57	7	9	6	8	0	0	3	0	0	15	22	1	4.11	-	
	Sidmouth	99	25	(7.7)	0.6	(4.1)	(-2.7)	12.8	27	-5.0	6	-	-	2.11	-	.70	28	6	6	-	0	-	-	0	0	15	18	-	4.37	-	
	St. Mary's, Scilly	21-9	158	8.0	4.2	6.1	-2.3	12.4	29	-2.3	5	-	-	4.21	167	.86	15	18	14	6	2	1	3	0	0	2	-	1	4.25	97	
	Penzance	99	62	8.1	2.4	5.3	-3.0	12.8	29	-3.9	6	-	-	5.29	167	1.09	15	21	15	6	2	3	0	0	0	7	21	1	3.99	93	
Wiltshire	Gulval	99	50	7.9	2.3	5.1	-2.7	12.2	29	-2.8	4,5,6	-	-	4.85	-	.99	28	19	16	-	6	-	-	-	0	6	-	-	3.92	90	
	Culdrose	99	268	6.9	1.2	4.1	-	11.1	11	-3.9	5	-	-	4.03	-	1.01	7	19	14	8	2	2	0	-	0	12	17	1	3.78	-	
	Camborne (Rosewarne)	99	250	7.1	1.7	4.4	-	12.2	29	-3.9	4,5	4.8	6.4	4.26	-	.99	7	20	15	8	3	2	4	0	0	11	21	1	3.95	-	
	Lizard	99	240	7.7	1.9	4.8	-	11.0	9	-2.2	5	-	-	3.50	145	.85	7	18	13	2	-	0	1	0	-	11	-	2	3.96	-	
	Falmouth	99	167	7.3	2.1	4.7	-3.1	11.7	29	-2.8	5,6	-	-	4.72	149	1.20	7	17	14	2	2	0	1	0	0	7	18	1	3.57	84	
Wiltshire	Newquay	99	176	7.1	1.3	4.2	-3.2	11.7	29	-4.4	5	-	-	2.81	122	.64	15	16	8	6	-	0	2	0	-	12	-	1	4.08	92	
	St. Mawgan	21-9	337	6.7	1.3	4.0	-	11.4	29	-4.8	5	-	-	2.82	-	.59	15	15	11	9	2	3	0	0	1	14	18	1	4.57	-	
	St. Austell	99	310	7.3	1.0	4.1	-	12.2	29	-3.3	5	-	-	5.96	170	1.53	7	19	13	3	3	0	1	0	0	15	-	1	-	-	
	Fowey	99	51	8.1	1.7	4.9	-2.8	12.2	27	-3.3	5	-	-	4.02	-	1.02	7	14	11	5	2	0	1	0	1	9	-	1	-	-	
	Bude	99	50	7.3	0.6	3.9	-3.3	11.7	9	-6.1	5	3.8	-	2.22	103	.52	15	16	10	-	3	-	-	-	13	-	-	4.50	101		
<b>Wiltshire</b>	Ellbridge	99	190	7.4	0.1	3.7	-	11.7	29	-6.1	14	-	-	3.67	-	1.02	15	16	11	7	1	0	0	0	1	19	22	1	4.10	-	
NORTHERN IRELAND																															
Londonderry	Loughmore Forest	99	572	5.9	-1.6	2.1	-	10.0	26	-10.0	6	-	-	2.32	-	.48	9	17	15	5	3	1	0	0	4	21	27	2	-	-	
	Eglinton	99	38																												
	Ballykelly	21-9	3	6.8	0.0	3.4	-3.0	11.3	25,26	-7.9	4	-	-	1.67	82	.25	28	16	11	12	2	2	1	0	1	14	21	0	3.87	107	
	Derrynoyd Forest	99	292	6.6	-1.1	2.7	-	12.2	20	-7.2	6	-	-	2.86	-	.90	25	17	14	8	5	2	0	0	2	19	24	0	-	-	
	Somerset Forest	99	142	6.7	-0.6	3.1	-	10.6	25	-8.3	3	-	-	2.65	-	.39	28	16	14	10	6	4	0	0	1	19	24	0	-	-	
Antrim	Garvagh Forest	99	292	6.2	-1.1	2.5	-	11.1	25,26	-7.2	4,6	-	-	2.95	-	.71	28	18	16	9	3	2	0	0	2	20	28	0	-	-	
	Garvagh	99	121	6.7	-1.2	2.7	-3.0	11.7	25	-9.4	4	-	-	2.44	93	.59	28	19	11	14	4	1	4	0	4	19	25	0	-	-	
	Portrush	-	18																												
	Aldergrove	21-9	217	6.6	-1.3	2.7	-3.2	11.9	20	-8.9	4	-	-	1.21	60	.29	28	11	7	14	0	1	0	0	3	19	22	0	3.81	-	
	Nutts Corner	21-9	338	6.3	-1.0	2.7	-	11.2	20	-8.4	4	-	-	1.53	66	.43	25	16	8	12	4	1	0	0	2	18	24	0	-	-	
Down	Ballypatrick Forest	99	472	5.3	-1.4	1.9	-	9.4	20	-7.8	3																				



TABLE IV—SUMMARY OF OBSERVATIONS AT FIXED HOURS      MARCH      1962

[illegible]



TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS MARCH 1962

DISTRICT, COUNTY AND PLACE		Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE		TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (OKTAS)		VISIBILITY							WIND, NUMBER OF OBSERVATIONS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
				At Mean Sea Level	Difference from Average	Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	Mean Amount	No. of Observations					NUMBER OF OBSERVATIONS							FORCE (0-12)				DIRECTION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
											0	1	2	3	4	5	6	7	8	9	0-44 yd.	45-210 yd.	220-430 yd.	440-1,000 yd.	1,000-2,100 yd.	2,200-4,300 yd.	3-6 mi.	7-12 mi.	13-24 mi.	25 mi. or over	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 MARCH 1962

DISTRICT, COUNTY AND PLACE	Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (OKTAS)					VISIBILITY							WIND, NUMBER OF OBSERVATIONS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
			At Mean Sea Level	Difference from Average	Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	No. of Observations					NUMBER OF OBSERVATIONS							FORCE (0-12)					DIRECTION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
									Mean Amount	0	1	2	3	4	5	6	7	8	9	0-44 yd.	45-210 yd.	220-430 yd.	440-1,090 yd.	1,100-2,190 yd.	2,200-4,390 yd.	3-4 mi.	7-12 mi.	13-24 mi.	25 mi. or over	Beaufort Force					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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G.M.T.	ft.	mb.	mb.	°C.	°C.	mb.	%	0	1	2	3	4	5	6	7	8	9	0-44 yd.	45-210 yd.	220-430 yd.	440-1,090 yd.	1,100-2,190 yd.	2,200-4,390 yd.	3-4 mi.	7-12 mi.	13-24 mi.	25 mi. or over	34 or more	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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Lancashire	Squires Gate	H	3	35	1012.5	-	1.0	0.7	5.8	86	4.5	8	4	3	3	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	13	12	3	4	5	6	5	0	1	4	3	4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
			9	35	1012.5	-	2.6	1.1	6.0	80	5.0	3	5	6	8	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	16	12	1	3	5	6	7	1	1	3	4	4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
			15	35	1011.6	-	5.6	2.0	6.4	69	5.6	1	4	5	13	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	18	10	0	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3



TABLE XIII—SOLAR RADIATION AND INTENSITY OF DAYLIGHT,

MARCH

1962

STATION	TOTAL RADIATION ON A HORIZONTAL SURFACE mw. hr./cm <sup>2</sup>						DIFFUSE RADIATION ON A HORIZONTAL SURFACE mw. hr./cm <sup>2</sup>						INTEGRATED ILLUMINATION OF A HORIZONTAL SURFACE kilo lux-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 ... ..	400	28	46	30	188.9	31	177	23	46	30	119.1	31	415	28	65	30	206.3	31
Eskdalemuir ... ..	383	14	62	29	232.4	31	231	31	61	29	140.4	31	415	30	84	25	263.0	29
Cambridge ... ..	415	31	88	10	218.0	31	234	25	79	1	140.0	31	-	-	-	-	-	-
Kingsway ... ..	359	31	35	10	206.4	30	213	25	35	10	139.4	29	363	31	38	10	212.4	30
Kew ... ..	371	16	59	10	220.5	31	221	25	59	10	140.4	31	445	24	73	10	235.8	31
Aberporth ... ..	528	30	35	11	277.5	31	256	17	35	11	145.6	31	-	-	-	-	-	-

TABLE VIII—NUMBER OF DAYS IN MARCH 1962 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°	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°	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	24	7	0	0	0	0	0	0	0	3	12	16	0	0	0	Birmingham ... ..	0	14	15	2	0	0	0	0	0	0	1	18	12	0	0	0
Stornoway ... ..	0	10	21	0	0	0	0	0	0	0	5	9	15	2	0	0	Kew Observatory ... ..	0	8	19	4	0	0	0	0	0	0	0	13	14	4	0	0
Craibstone ... ..	0	19	12	0	0	0	0	0	0	0	4	11	16	0	0	0	Hastings ... ..	0	10	20	1	0	0	0	0	0	0	0	13	16	2	0	0
Rothsay ... ..	0	10	21	0	0	0	0	0	0	0	0	12	19	0	0	0	Southampton ... ..	0	4	21	6	0	0	0	0	0	0	0	15	13	3	0	0
Renfrew ... ..	0	9	20	2	0	0	0	0	0	0	4	8	19	0	0	0	Stonyhurst ... ..	0	13	17	1	0	0	0	0	0	0	5	17	9	0	0	
Eskdalemuir ... ..	1	15	15	0	0	0	0	0	0	0	3	7	11	10	0	0	Bidston Observatory ... ..	0	13	17	1	0	0	0	0	0	0	0	13	18	0	0	0
Douglas ... ..	0	11	20	0	0	0	0	0	0	0	0	11	20	0	0	0	Holyhead (Valley) ... ..	0	3	25	3	0	0	0	0	0	0	0	12	15	4	0	0
Cockle Park ... ..	0	17	14	0	0	0	0	0	0	0	5	16	10	0	0	0	Falmouth ... ..	0	5	23	3	0	0	0	0	0	0	0	8	19	4	0	0
Gorleston ... ..	0	13	17	1	0	0	0	0	0	0	0	15	15	1	0	0	Aldergrove ... ..	0	8	19	4	0	0	0	0	0	0	6	10	15	0	0	0
Cambridge ... ..	0	8	18	5	0	0	0	0	0	0	9	10	11	1	0	0	Armagh ... ..	0	5	22	4	0	0	0	0	0	0	4	14	13	0	0	0

TABLE III—ADDITIONS AND CORRECTIONS

MONTH	STATION	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)		WEATHER Number of days										BRIGHT SUNSHINE				
				Means of		Mean Temperature Mean of A and B	Difference from Average	Highest Maximum and Lowest Minimum						Total Fall	Percentage of Average	Most in a day		Precip'n		Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. °C. or less	Gale	Daily Mean	Percentage of Average
				A Max.	B Min.			Maximum	Date	Minimum	Date	Amount	Date			-0.1in. (0.2mm.) or more	-0.04in. (1.0mm.) or more													
				Max. Min.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	1 ft.	4 ft.	in.	%	in.											hr	%
1960 ANNUAL 1961	Langer	21 9	106	56.10																										
July	West Lavington	9 9	305											1.20																
September	Blairgowrie	9 9	230																								3.23			
"	Blyth Bridge	9 9	830																								3.43			
"	Sourhope	9 9	900																								3.98			
"	Lepthmore	9 9	30																								2.76			
"	Paisley	9 9	106																								3.61	95		
"	Turnberry	9 9	25																								3.58			
"	Prabost	9 9	220																								3.60			
"	Wacclesfield	9 9	500																											
"	Squires Gate	21 9	33															13												
"	Cambridge N.I.A.B.	9 9	85																								5.89	102		
"	Coventry	9 9	338																								4.14	100		
October	Aberdeen	9 9	170	12.3	6.6	9.5	-	16.7	14	0.0	30	-	-	3.32	97	.55	19.22	16	12	0	0	0	0	1	0	1	5	4	2.97	-
"	Lundin Links	9 9	40	13.4	7.6	10.5	-	17.2	7	1.7	30	-	-	3.09	-	.77	20	21	18	0	-	0	0	0	0	0	-	0	-	-
"	Coatbridge	9 9	256	13.1	6.8	9.9	-	18.3	1	2.2	30	-	-	4.07	-	.70	16	23	19	0	0	0	0	0	0	0	-	0	-	-
"	Eglington	9 9	46	13.2	6.7	9.9	-	17.2	13	3.3	4.25	-	-	4.54	-	(.70)	16	21	20	0	0	0	0	0	0	4	0	-	-	
"	Coventry	9 9	338	14.3	6.7	10.5	+0.3	19.4	2	-1.7	30	11.8	12.9	2.64	108	.59	19	22	13	0	-	0	0	1	3	2	-	1	3.71	127.5
"	Whitstable	9 9	9																									4.11		
"	Southgate	9 9	221																									3.70		
"	Croydon (Waddon)	9 9	220			7.6																								
"	Addington	9 9	474			8.0	11.1	+0.8																						
November	Garve	9 9	690	6.7	0.6	3.7	-	11.1	1	(-6.1)	22	-	-	4.80	-	.69	28	19	15	-	7	-	-	-	0	16	19	-	-	
"	Lundin Links	9 9	40	8.8	3.3	6.1	-	13.3	1	-1.7	28	-	-	1.16	-	.16	24	15	11	0	-	0	0	0	0	3	-	0	-	-
"	Coatbridge	9 9	256													3.46														
"	Dover	9 9	19											9.4	12.1															
"	Croydon (Waddon)	9 9	220													2.50	84													
"	Castle Douglas	9 9	196																											
"	Chesterfield	9 9	298	8.1	1.3	4.7	-	13.9	1	-4.4	10	-	-	1.44	-	.42	29	11	10	0	0	0	0	0	13	8	-	0	-	-
"	Belton	9 9	352	8.6	3.2	5.9	-0.2	13.3	1	-2.2	26.28	7.2	9.2	3.16	-	1.34	29	13	10	0	0	0	0	0	6	8	16	0	1.90	-
December	Stirling	9 9	151													2.3														
"	Prestwick Airport	21 9	30			0.1	2.6																							
"	Lundin Links	9 9	40	5.2	-0.5	2.3	-	11.7	12	-6.1	31	-	-	2.42	-	.73	10	11	8	5	-	0	0	0	3	18	-	0	1.48	-
"	Lyonshall	9 9	510													3.56	-	.71	29	12	11									
"	Corwen	9 9	473													4.26	-	.86	4	16	16									
"	Dunbar	9 9	75																											
"	Ryde	9 9	15																											
"	Belper	9 9	203	4.7	1.2	2.9	+1.2	13.9	10	-6.7	7.29																	2.46	134	

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# Monthly Weather Report

## OF THE METEOROLOGICAL OFFICE

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

Volume 79 Number 4

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### April 1962 — *Rather cold, exceptionally sunny in north-west Scotland.*

The first eleven days of April were mainly cyclonic with depressions moving across or to the north of the British Isles, but on the 12th-16th the country came under the influence of an anticyclone moving from Iceland to southern Scandinavia. Thereafter, weak troughs maintained generally cyclonic conditions until the 22nd when anticyclonic conditions were again restored, the anticyclone being centred to the north of Scotland for much of the last week.

The stormy weather of late March continued well into April. Rain was widespread and locally heavy on the 2nd, 4th and 7th but there were bright periods and showers, with hail and thunder at times, during the remaining days of the first week. On the 2nd, which was the wettest day of the month with rainfall in excess of 1 in. in many western districts, several places in north-west England reported more than 2 in. Winds reached gale force, and snow or sleet fell somewhere or other every day during the week.

Showers with scattered thunderstorms on the 8th gave way to warm-front rain which spread from the north-west to the Midlands on the 9th; southern England remained fine, however, as pressure rose ahead of an anticyclone moving east towards the Bay of Biscay. On the 10th the frontal system of a depression to the north of Scotland brought rain to all districts as it moved across the country.

The weather pattern changed slowly on the 12th as the upper air flow in the eastern Atlantic became more meridional and a block to the normal westerly flow formed over Europe. An anticyclone became established off the north-east of Scotland and north-easterly winds spread over the British Isles; the 13th and 14th were cool sunny days with over 12 hours of sunshine in most western districts. On the 15th the anticyclone moved to southern Scandinavia and winds over the British Isles freshened and veered further towards the east. In the east, weather became cloudy and colder with day temperatures only reaching 5°C, but in the west, sunshine was almost uninterrupted with 13 hr in parts of western Scotland and the Hebrides.

A shallow depression moved from France to the southern North Sea and by the evening of the 16th rain from the continent had spread to most of the British Isles; it continued throughout the following day as a trough of low pressure moved west over England. Behind the trough warmer southerlies replaced the easterlies in south-east England; day temperature rose to 16°C at Herne Bay, 10°C higher than in the north of England.

The 18th-21st was very changeable. Rain was widespread on the 18th as a depression from France moved north-east to the Midlands and a second formed at the mouth of the English Channel. On the 19th winds became southerly and weather milder with sporadic outbreaks of rain as a depression formed off western Scotland. On the 21st, Easter Saturday, a trough of low pressure moved slowly east across the country giving widespread rain which was often heavy; afternoon temperature reached 20°C in places.

The weather pattern changed again on the 22nd as a developing anticyclone from the Bay of Biscay moved north; weather was warm and sunny over much of the country on Easter Sunday and Monday, and for the next three or four days, but extensive sea fog formed in the English Channel and Irish Sea; 23°C was recorded at Southampton on the 26th whereas in the persistent fog on the channel coast temperatures reached only 7°C.

On the 27th the anticyclone became centred to the north-west

of Scotland and north-easterly winds were re-established over the British Isles quickly dispersing the sea fog and bringing rather cold cloudy weather to eastern districts during the last few days of the month; in western and northern districts, however, it was mostly sunny.

**Pressure and Wind** — Mean pressure was generally above the average, the excess at 9 hr ranging from 1.3 mb at Gorleston to 3.1 mb at Stornoway. Surface winds were mainly between west and north-west until the 11th becoming between east and north-east until the 18th and thereafter variable over most of the country until the end of the month, although easterly winds predominated in southern England. Winds reached gale force in Scotland on 9 days and in England and Wales on the 1st-8th, 15th and 16th (10 days). Gales were widespread on the 2nd and 8th. Gusts exceeded 60 kt at Kirkwall on the 1st, at Jersey and Aberporth on the 5th and at the Lizard on the 8th.

**Temperature** — Mean temperatures were generally below the 1921-50 average, the deficit being 0.6°C in England and Wales, 0.5°C in Scotland and 0.3°C in Northern Ireland. Day temperatures were below average except on the 20th-26th in England and during the last ten days of the month in Scotland.

Extremes included: (England and Wales) 22.8°C at Southampton on the 26th, -7.8°C at Alwen on the 14th; (Scotland) 21.1°C at Paisley on the 26th, -7.8°C at Balmoral on the 14th, at Logie Coldstone on the 14th and 15th and at Achnagoican on the 15th; (Northern Ireland) 20.0°C at Lislap Forest on the 30th, -3.9°C at Pubble Forest and Aldergrove on the 13th and Garvagh Forest on the 16th.

**Precipitation** — The general precipitation expressed as a percentage of the 1916-50 average was 113 over England and Wales, (where it ranged from 75 per cent of the average in Hampshire and Somerset to more than 175 per cent in parts of Central Wales and north-west England), 89 over Scotland (where it ranged from less than 50 per cent of the average in parts of Inverness-shire and Perthshire to more than twice the average locally in Roxburgh), and 81 over Northern Ireland.

Thunder was heard on 7 days in Scotland and on the 1st, 3rd-6th, 8th, 9th and 19th-21st (10 days) in England and Wales. Thunderstorms were widespread on the 3rd and 8th.

Snow and sleet was reported from one place or another on 14 days in Scotland with snow lying on 11 days. In England and Wales it fell on the 1st-10th and 14th-17th (14 days); it lay 1-2 in. deep in parts of the Midlands and northern England on the 1st and 1 in. locally in northern England on the 4th.

**Sunshine** — In Scotland sunshine was above the average everywhere and many records were set up. At Stornoway the amount measured was 230 hr, the highest April total since records began in 1880. In England it was rather dull in the east and south-east; amounts ranged from 73 per cent of the average at Hastings to 136 per cent at Manchester Airport.

**Fog** — Early morning fog was observed at 9 hr on 12 days in Scotland and 15 days in England and Wales; it occurred most widely on the 19th-25th. There was extensive sea fog in the Irish Sea and English Channel on the 22nd-26th.

**Miscellaneous Phenomena** — The aurora was visible in Scotland on 16 nights.



TABLE I—DISTRICT VALUES— APRIL 1962 (1908, revised 1928, 1941 and 1956)

DISTRICTS	AIR TEMPERATURE					EARTH TEMPERATURE		RAINFALL		SUN-SHINE
	Highest	Lowest	Difference from Average			At 1 ft. Difference from Average	At 4 ft. Difference from Average	Per-centage of Average	No. of Days Difference from Average	Per-centage of Average
			Max.	Min.	Mean					
	°C.	°C.	°C.	°C.	°C.	°C.	°C.	%	%	%
0 SCOTLAND, N. Eastern	20.6	-7.8	-0.1	-1.1	-0.6	—	—	81	-5	148
1 SCOTLAND, E.	20.6	-7.8	-0.4	-0.7	-0.5	—	—	102	-2	128
2 ENGLAND, N.E.	20.6	-6.7	-0.9	-0.5	-0.7	-0.8	-1.0	115	0	111
3 ENGLAND, E.	21.7	-5.6	-1.1	-0.1	-0.6	-1.0	-1.2	86	0	92
4 MIDLAND COUNTIES	21.1	-5.0	-0.9	-0.1	-0.5	-0.7	-0.9	112	0	105

DISTRICTS	AIR TEMPERATURE					EARTH TEMPERATURE		RAINFALL		SUN-SHINE
	Highest	Lowest	Difference from Average			At 1 ft. Difference from Average	At 4 ft. Difference from Average	Per-centage of Average	No. of Days Difference from Average	Per-centage of Average
			Max.	Min.	Mean					
	°C.	°C.	°C.	°C.	°C.	°C.	°C.	%	%	%
5 ENGLAND, S.E. Western	22.8	-2.8	-0.9	0.0	-0.5	-0.9	-0.9	79	0	90
6 SCOTLAND, W.	21.1	-7.2	+0.3	-0.7	-0.2	-0.6	-1.1	104	-2	146
7 ENGLAND, N.W. (and N. Wales)	21.1	-7.8	-0.6	-0.4	-0.5	-1.0	-0.7	133	0	120
8 ENGLAND, S.W. (and S. Wales)	22.8	-3.3	-0.9	-0.6	-0.7	-0.5	-1.0	114	0	104
NORTHERN IRELAND	20.0	-3.9	+0.5	-1.0	-0.3	-	-	81	-4	143

TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— APRIL 1962 (1914)

DISTRICT, COUNTY AND PLACE		Height of Vane			Distribution of Mean Hourly Values of Wind Speed								Mean Hourly Wind Speed	Highest Velocities							
		Above Mean Sea Level	Above Ground	Effective Height	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				
					Dates of Occurrence	Duration	No. of days	Duration	Duration	Duration	Duration	Duration		Veer from N.	Speed	Hour ended at	Speed	Day and Time			
		ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	knots	°	knots	day hr.	knots	day	h.m.			
SCOTLAND																					
0	Zetland	Lerwick	304	33	33	-	0	7	30	306	291	93	0	10.3	020	30	3	05	42	3	0310
	Orkney	Kirkwall (Grimsetter)	134	50	33	1	3	10	53	350	243	71	0	12.0	230	38	1	02	60	1	0120
	Caithness	Dounreay	110	39	30	-	0	10	38	305	371	0	6	11.1	(160	29	20	14)	50	(1	0825)
	Ross & Cromarty	Stornoway (Coastguard)	120	40	36	1-3, 6, 11	12	14	101	334	161	112	0	13.6	290	36	1	05	58	1	0440
	Inverness	Benbecula	125	65	55	-	0	6	39	299	286	95	1	10.4	260	33	1	04	52	1	0310
1	Moray	Lossiemouth	69	51	35	1	3	9	51	252	287	127	0	10.3	270	35	1	02	55	1	0245
	Aberdeen	Dyce	100	80	66	-	0	10	52	247	226	195	0	9.3	270	32	1	13	57	11	1435
	Angus	Bell Rock Lighthouse	225	40	40	1	1	6	26	243	276	174	0	8.8	270	34	1	10	49	1	1040
	Perth	Rannoch	128	131	124	1	10	18	149	352	164	45	0	15.5	260	43	1	11	56	1	1155
	Fife	Leuchars	1006	56	57	1	4	10	52	295	244	125	0	10.6	260	36	1	08	54	1	0745
	Midlothian	Edinburgh	78	40	40	1	3	4	28	282	300	107	0	10.1	260	36	1	10	55	1	0920
6a	Argyll	Tiree	485	39	23	-	0	4	18	230	298	130	44	9.0	(180	30	2	19)	(47	1	0735)
	Bute	Millport	89	60	47	1	8	15	107	352	174	79	0	13.6	280	37	1	07	58	1	0635
	Renfrew	Paisley	50	34	34	-	0	6	28	235	253	204	0	8.8	050	33	18	12	46	1	1400
	Renfrew	Renfrew	188	81	31	-	0	1	2	170	326	222	0	6.9	160	23	2	18	47	2	1830
	Ayr	Prestwick Airport	71	41	39	-	0	5	19	266	339	96	0	9.4	220	28	2	19	50	2	1845
	Dumfries	Eskdalemuir	35	33	33	-	0	4	18	272	341	89	0	9.6	060	28	17	09	46	1	1315
	Wigtown	West Freugh	825	50	35	-	0	3	10	174	348	188	0	7.4	200	27	2	12	49	1	1420
			83	33	33	-	0	5	35	212	335	138	0	8.8	310	27	5	15	43	1	1500
ENGLAND AND WALES																					
6b	Isle of Man	Point of Ayre	70	40	35	2, 17	7	12	97	328	228	60	0	13.3	210	38	2	18	52	17	0745
		Ronaldsway	119	64	39	-	0	2	20	262	286	152	0	9.0	250	30	1	11	54	1	0925
2	Durham	Durham	389	53	33	-	0	1	8	311	278	123	0	9.5	270	24	1	11	46	1	0950
		South Shields	73	57	44	-	0	1	8	311	278	123	0	9.5	270	24	1	11	46	1	0950
	Lincoln	Cranwell	288	47	47	-	0	6	46	284	285	83	22	10.9	200	30	3	03	46	3	0035
3	Norfolk	Gorleston	45	33	33	1	0	6	29	228	331	132	0	9.0	240	25	2	16	46	2	1550
	Suffolk	Mildenhall	98	83	60	-	0	6	117	351	184	42	0	15.0	210	39	2	23	56	2	1720
	Bedford	Cardington	226	133	133	1-3, 8, 15	26	12	1	255	386	78	0	8.7	050	22	15	14	40	15	1310
	Hertford	Rothamsted	461	41	33	-	0	1	1	255	386	78	0	8.7	050	22	15	14	40	15	1310
		Stanstead Abbots	138	41	40	-	0	0	0	217	392	111	0	8.2	250	21	7	15	41	2	1910
	Essex	Coryton	66	57	48	-	0	1	2	274	374	70	0	9.7	260	22	8	12	47	3	0015
		Shoeburyness	118	106	91	2, 3, 15	14	12	101	337	246	22	0	13.7	200	40	3	05	54	3	0450
4	Yorks., W.R.	Sheffield	533	83	35	-	0	0	0	196	409	115	0	8.1	270	20	1	13	46	2	1905
	Warwick	Birmingham (Edgbaston)	643	118	73	-	0	2	4	248	426	42	0	9.5	260	23	7	13	43	7	1235
	Stafford	Keele	706	50	40	-	0	0	0	142	338	240	0	6.4	240	20	7	16	41	1	1440
	Gloucester	Avonmouth	92	61	33	-	0	9	87	214	241	141	37	10.9	240	33	8	14	49	8	1445
5	London	Kingsway	206	143	41	-	0	2	5	237	421	57	0	9.2	200	24	3	01	52	2	2245
	Middlesex	London (Heathrow) Airport	115	33	33	-	0	7	44	321	336	19	0	11.5	210	30	2	23	44	2	2325
		Hampton	139	101	100	-	0	5	26	287	334	73	0	10.2	230	28	2	14	51	3	0540
	Surrey	Kew Observatory	92	75	50	-	0	2	14	296	325	85	0	9.7	220	25	2	21	47	2	2005
		London (Gatwick) Airport	232	38	33	-	0	4	33	228	336	123	0	9.4	220	32	2	23	53	2	2235
	Kent	Isle of Grain	48	40	33	-	0	7	50	269	318	83	0	10.7	040	30	15	10	52	3	0105
		Dungeness	70	50	33	-	0	7	50	269	318	83	0	10.7	040	30	15	10	52	3	0105
	Sussex	Dover	68	38	62	-	0	6	46	222	333	119	0	9.3	190	29	3	01	47	2	2040
	Hampshire	Thorney Island	75	65	42	-	0	6	46	222	333	119	0	9.3	190	29	3	01	47	2	2040
		Calshot	50	41	33	2, 3	2	6	36	343	295	44	0	11.7	220	34	2	23	46	2	2205
		S. Farnborough	318	69	35	-	0	4	22	215	384	99	0	9.0	260	27	8	15	48	8	1500
	Berkshire	Abingdon	295	40	40	-	0	6	36	263	258	163	0	9.6	210	26	2	22	42	2	1625
	Wiltshire	Larkhill	491	51	36	-	0	7	39	220	335	126	0	9.3	030	30	15	16	53	8	1415
		Porton	406	44	44	-	0	7	44	220	311	145	0	9.6	210	32	2	21	48	3	0155
7a	Cumberland	Carlisle	137	42	42	-	0	4	24	287	183	226	0	8.7	210	32	2	18	48	2	1730
		Sellafield	83	39	35	-	0	2	8	136	380	180	16	7.1	180	25	2	18	35	2	1750
		Spadeadam	959	51	40	-	0	9	43	263	337	77	0	10.3	050	27	16	16	46	11	0855
	Westmorland	Moor House	1960	50	45	1	1	11	70	246	161	218	24	9.9	270	37	1	10	51	1	0930
	Lancashire	Southport	59	41	33	1	1	8	63	280	277	92	7	11.3	290	34	1	04	51	1	0150
		Liverpool Airport	84	41	33	-	0	4	34	291	340	55	0	10.7	220	27	2	17	43	1	1210
	Cheshire	Bidston Observatory	262	64	39	-	0	5	24	233	337	126	0	9.0	210	26	2	15	38	2	1945
		Manchester Airport	261	33	33	-	0	5	24	233	337	126	0	9.0	210	26	2	15	38	2	1945
7b	Anglesey	Holyhead (Valley)	76	50	40	2	7	9	59	237	227	190	0	9.9	200	37	2	18	50	2	1645
8a	Cardigan	Aberporth	483	41	41	5	5	10	111	226	209	169	0	11.4	310	39	5	04	64	5	0405
	Pembroke	Milford Haven	246	50	35	5, 8	6	7	45	194	267	182	26	9.5	340	35	5	05	58	5	0545
	Glamorgan	Port Talbot	91	40	35	-	0	8	44	233	310	133	0	10.1	310	30	5	12	53	8	1455
		Rhose	257	37	32	4, 5	2	10	94	279	305	40	0	12.3	310	34	5	06	55	5	0445
8b	Devon	Plymouth	191	88	65	3	1	6	57	224	291	147	0	9.4	-	34	3	01	50	5	0150
	Cornwall	St. Mary's, Scilly	230	65	57	4, 5, 8	44	12	145	284	198	49	0	15.5	300	45	4	21	68	4	2025
		The Lizard	315	75	60	2-5, 8	42	12	98	269	210	95	6	11.3	290	42	8	15	61	8	1530
NORTHERN IRELAND																					
	Londonderry	Ballykelly	52	50	35	-	0	5	20	237	265	198	0	8.1	270	25	1	16	46	1	1550
	Antrim	Aldergrove	281	65	55	-	0	3	19	277	299	125	0	9.4	060	31	17	13	48	17	1230
		Nutts Corner	344	31	31	-	-	-	-	-	-	-	-	070	32	17	12	40	17	1225	
CHANNEL ISLES																					
		Jersey Airport	359	86	50	4, 5, 8	25	8	72	444	160	19	0	15.2	290	43	5	06	62	5	0505

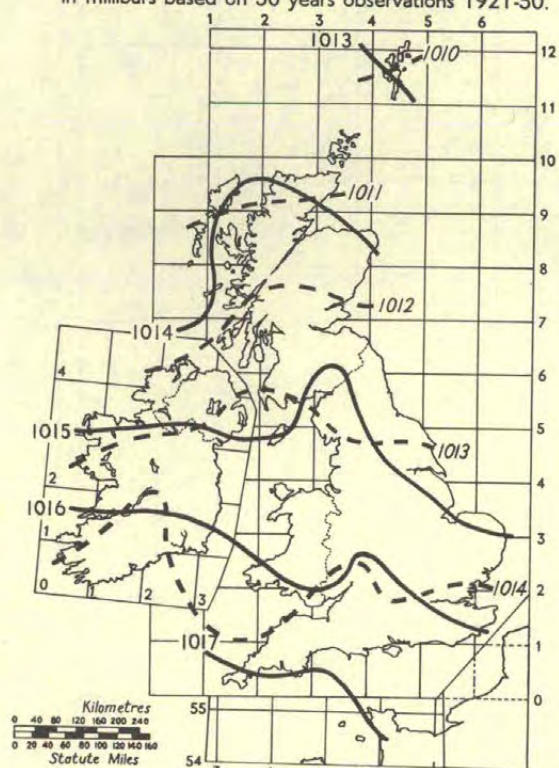


# MONTHLY WEATHER CHARTS

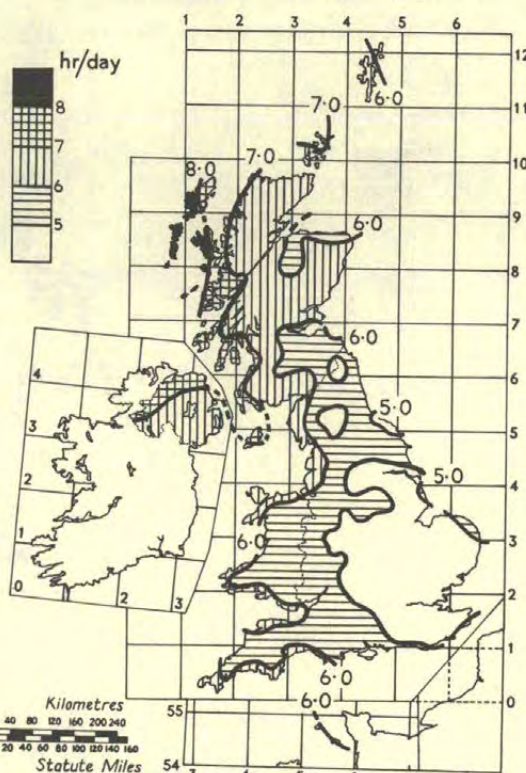
APRIL 1962

## 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.

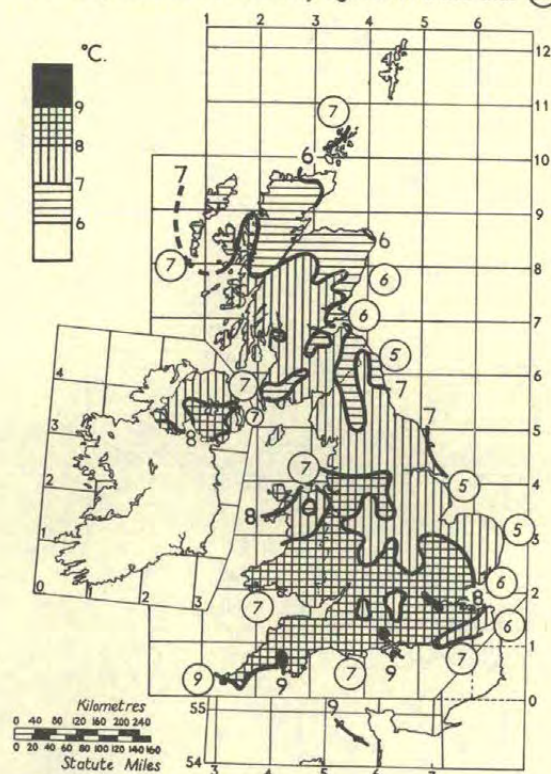


## BRIGHT SUNSHINE

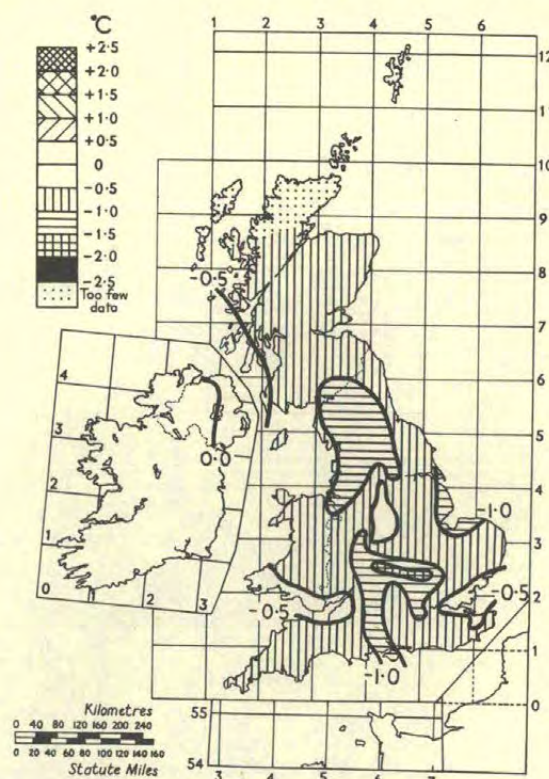


## MEAN AIR TEMPERATURE

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 1962

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

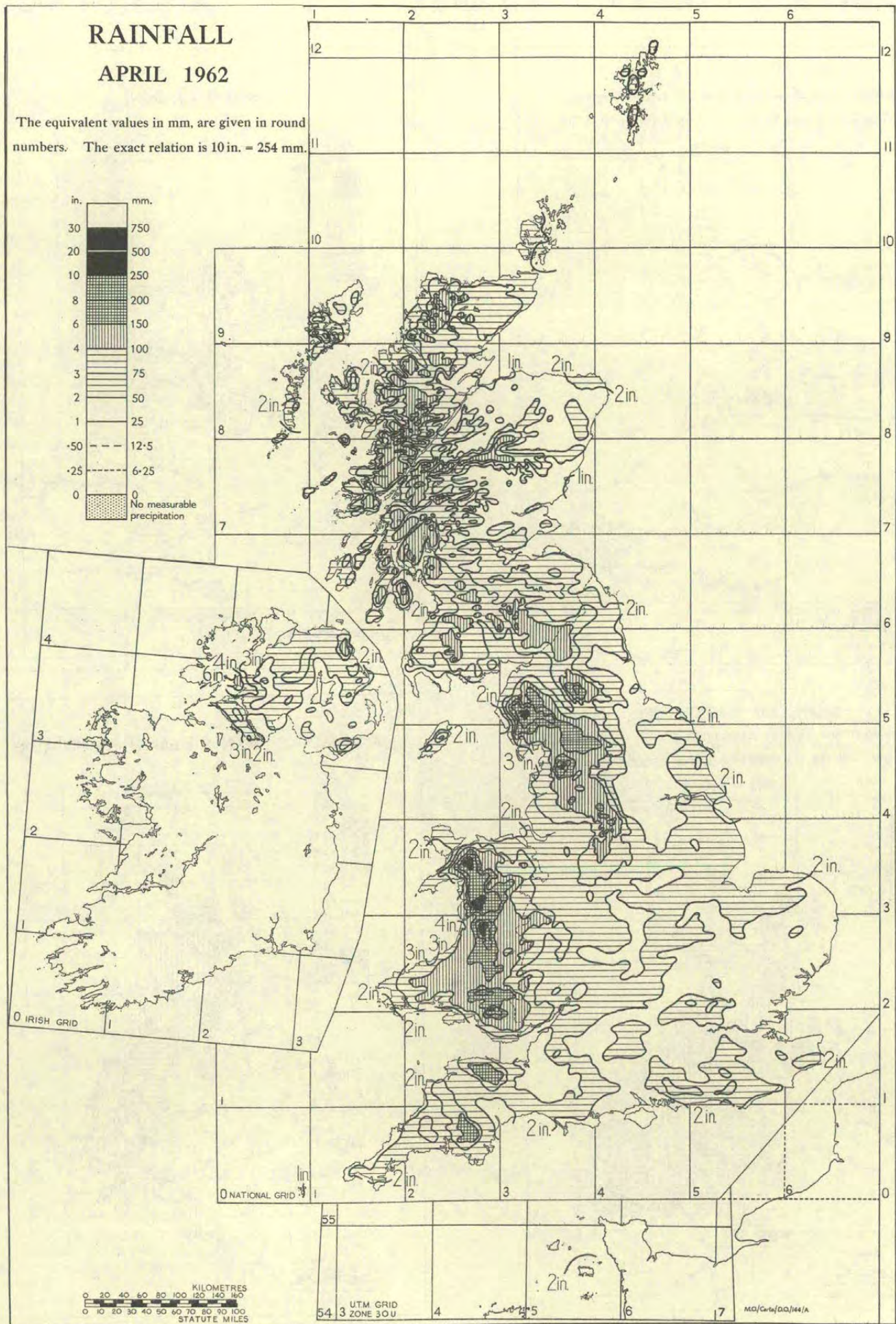
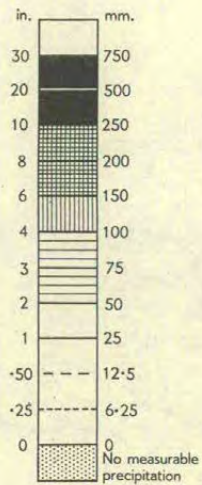




TABLE III — SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER APRIL 1962

DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)		WEATHER										BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
			Means of		Difference from Average	Highest Maximum and Lowest Minimum				Total Fall			Per-centage of Average	Most in a day	Precip'n	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. 0°C or less	Gale	Daily Mean	Per-centage of Average																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
			A Max.	B Min.		Maximum	Date	Minimum	Date		1 ft.	4 ft.															in.	%	in.	0.1 in. (0.2 mm.) or more	0.1 in. (1.0 mm.) or more	Amount	Date																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
			G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.	in.	%	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.



TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER APRIL 1962

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)			WEATHER Number of days										BRIGHT SUNSHINE		
				Means of		Difference from Average	Highest Maximum and Lowest Minimum			Total Fall	Per-centage of Average			Most in a day	Precip'n			Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. O°C.	Gale	Daily Mean	Per-centage of Average		
				A Max.	B Min.		Maximum	Date	Minimum			Date	1 ft.		4 ft.	Amount	Date											-0.1in. (0.2mm.) or more	-0.4in. (1.0mm.) or more
				Max.	Min.	G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.									hr	%	
1 SCOTLAND, E.—cont.																													
Midlothian	Balerno ...	99	700	9.8	1.2	5.5	-	17.8	24	-5.6	14	-	3.01	-	.55	2	14	12	-	1	-	-	-	-	10	16	-	5.65	-
	Midcalder ...	99	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Turnhouse ...	21-9	114	11.0	2.5	6.7	-	19.4	23	-3.8	14	-	2.10	132	.37	3.8	16	9	4	0	0	3	1	0	7	16	1	5.43	-
	Edinburgh—																												
	East Craigs ...	99	200	10.9	2.8	6.9	-	18.3	23,25	-3.3	14	-	2.19	-	.37	2	18	8	4	0	1	0	2	2	5	13	0	5.99	-
	Davidson's Mains ...	99	200	10.8	2.9	6.9	-	18.3	23,25	-1.7	14,15	6.1	2.35	-	.46	2	15	9	3	0	0	2	1	0	6	16	0	5.79	-
	Penicuik ...	99	620	10.4	1.6	6.0	-	18.9	24,25	-4.4	14	6.1	3.25	-	.82	2	16	12	3	1	0	0	1	1	9	20	0	5.90	-
	Bush House ...	99	605	9.7	1.8	5.7	-	17.8	23,25	-3.3	14,15	5.5	3.15	-	.80	2	18	13	5	0	0	0	2	6	18	0	5.58	-	
	Edinburgh—																												
	Blackford Hill¶§	99	441	10.5	3.1	6.8	-0.1	18.9	25	-1.1	1	-	2.36	146	.56	2	15	9	3	0	0	0	0	2	4	14	0	5.40	117
	Liberton ...	99	200	11.2	1.7	6.5	-	18.3	23	-2.8	15	-	1.93	-	.40	2	14	7	0	0	0	0	0	8	14	0	6.00	-	
	Botanic Garden ...	99	74	10.7	2.9	6.8	-	18.3	25	-1.7	13,14	6.3	2.23	-	.37	2	14	10	1	0	0	0	1	1	6	16	0	5.90	-
E. Lothian	Haddington ...	99	162	10.7	2.7	6.7	-	19.4	25	-2.8	14,15	-	2.10	-	.40	2	16	12	2	0	0	0	1	1	6	13	0	5.86	-
	North Berwick ...	99	51	10.3	3.4	6.9	-0.5	16.7	25	0.0	2,4	-	1.95	134	.51	2	15	9	0	0	0	0	1	0	2	-	0	5.41	112
	Dunbar ...	99	75	9.6	3.7	6.7	-	15.0	25	0.0	1	-	1.64	-	.48	21	10	8	1	0	0	0	0	0	1	9	0	6.62	-
	Lauder ...	99	600	9.8	1.4	5.6	-	18.3	25	-3.3	14	-	2.85	-	.62	2	14	11	5	3	0	0	2	2	10	22	0	5.57	-
Berwick	Marchmont ¶§	99	498	9.8	2.0	5.9	-0.7	18.3	25	-1.1	1,4,15	-	2.40	128	.54	2	16	10	5	0	0	0	0	8	-	0	5.50	124	
	St. Abb's Head ...	99	245	7.9	4.0	5.9	-	15.3	25	-1.0	1	-	1.70	-	.42	6	12	10	2	0	0	0	0	3	4	1	-	-	-
Peebles	Broughton ...	99	741	10.4	0.9	5.7	-	17.8	25,26	-6.1	14	-	3.48	-	1.02	2	15	13	5	3	3	0	0	1	10	23	0	-	-
	Blyth Bridge ...	99	830	9.6	1.3	5.5	-	17.2	25,26	-4.4	14	-	2.84	-	.83	2	14	14	10	3	0	0	1	1	11	21	0	5.34	-
	West Linton ...	99	800	9.7	0.9	5.3	-	17.8	23	-5.0	14	4.9	3.26	-	.78	2	17	14	4	1	0	0	1	13	17	0	-	-	-
	Peebles ...	99	645	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Peebles (Glentress) ...	99	580	10.4	1.3	5.9	-	18.3	25,26	-5.6	14	-	2.58	-	.51	2	16	13	5	2	2	0	2	11	-	0	-	-	-
	Selkirk (Bowhill) ...	99	600	10.2	1.4	5.8	-	18.9	25	-5.0	14	-	2.50	-	.56	2	16	11	5	1	0	0	2	3	9	-	0	-	-
Roxburgh	Hawick (Wauchope) ...	99	560	10.4	1.0	5.7	-	18.3	25	-5.6	14,15	-	2.81	-	.86	2	16	14	-	1	-	-	-	1	10	-	-	-	-
	Sourhope ...	99	900	9.2	1.7	5.5	-	17.2	25	-2.8	1,13,14	-	2.77	-	.51	21	16	13	3	2	0	0	0	0	10	19	0	4.70	-
6a SCOTLAND, W.																													
Argyll	Tiree ... ¶§	21-9	29	10.5	3.6	7.1	-0.5	14.8	29	-0.8	4	-	2.08	80	.54	2	16	9	3	0	0	4	0	0	2	16	1	8.45	144
	Rhuvaal ...	21-9	65	10.4	4.6	7.5	-	18.0	25	1.5	1	-	3.14	-	.93	2	13	10	3	0	1	0	0	0	1	0	-	-	-
	Colonsay ...	99	87	11.3	4.0	7.7	-	16.7	25	0.0	2	-	2.68	88	.69	6	15	13	2	-	2	0	0	0	1	-	0	-	-
	Campbeltown ...	99	10	11.4	3.1	7.3	-	16.7	26,29,30	0.0	13,16	-	2.88	-	.63	4	14	11	-	0	-	-	-	2	-	-	7.24	-	
	Tarbert (Achaglachgach)¶§	99	40	12.1	2.1	7.1	-	17.2	23,25,28	-2.2	13	-	3.73	-	1.07	6	15	12	3	0	0	0	0	0	6	19	0	-	-
	Oban ...	99	229	-	-	-	-	-	-	-	-	-	2.49	75	.83	2	14	11	-	-	-	-	-	-	-	-	-	-	-
	Lephinmore ...	99	30	12.0	3.3	7.7	-	20.0	25,26	-0.6	13	-	4.05	-	1.24	2	12	11	4	0	2	0	1	1	2	15	0	6.43	-
	Glenbranter ...	99	120	12.1	1.7	6.9	-0.3	19.4	29	-5.6	13	-	4.66	78	1.85	2	14	13	-	-	-	-	-	0	10	16	-	-	-
	Benmore (Forestry Sch.)¶§	99	46	12.1	1.6	6.9	-	19.4	26	-3.9	14	6.5	5.32	95	1.55	2	14	13	2	2	0	0	0	0	12	23	0	-	-
	Benmore (Younger Bot. Gdn.)	99	40	12.4	2.8	7.6	-	19.4	29	-2.2	14	-	5.43	-	1.58	2	17	13	4	1	0	0	1	0	5	21	0	-	-
Bute	Rothsay ¶§	99	150	11.1	3.8	7.5	+0.1	16.7	23,26,29	-0.6	1	6.4	5.6	3.68	112	1.05	2	16	11	1	0	1	0	0	1	12	1	7.15	151
	Millport ...	99	16	11.0	4.2	7.6	-	16.7	28	0.0	1	-	2.96	113	.96	6	14	11	1	0	2	0	0	0	1	-	3	-	-
Dunbarton	Helensburgh ...	99	293	11.6	2.6	7.1	-0.1	18.3	30	-1.7	14	-	3.19	98	.99	2	17	13	1	0	0	0	0	0	9	-	0	-	-
	Cumbernauld ...	99	310	11.5	1.5	6.5	-	19.4	26,30	-3.3	14,15	-	2.49	-	.61	2	13	11	5	0	0	0	0	1	11	14	0	-	-
Stirling	Stirling ...	99	151	11.3	3.3	7.3	-0.4	20.6	26	-1.1	14	7.6	5.3	1.64	76	.58	2	12	7	4	0	0	0	0	4	15	0	6.72	-
	Falkirk ...	99	100	12.2	2.6	7.4	-	19.4	23	-2.2	14	-	2.25	-	-	15	12	-	-	-	-	-	-	5	-	-	-	-	-
Renfrew	Greenock ...	99	200	11.7	3.6	7.7	+0.1	18.3	25,26,30	-0.6	1	-	4.14	117	1.64	2	11	11	3	1	0	1	0	1	1	19	0	6.91	-
	Paisley ...	99	106	12.8	3.2	8.0	0.0	21.1	26	-1.7	13	7.1	6.7	2.85	115	.91	2	15	11	1	1	1	0	4	4	16	0	6.57	146
	Barrhead ...	99	97	11.8	2.3	7.1	-	18.3	26	-3.3	13,14	-	2.92	-	.86	2	14	11	1	0	0	0	0	5	17	0	-	-	-
	Renfrew ... ¶§	21-9	26	12.2	2.9	7.5	+0.1	20.0	26	-2.9	14	-	2.29	99	.65	2	13	9	5	0	2	0	0	0	4	16	0	6.83	153
Lanark	Thorntonhall ...	99	453	10.8	2.0	6.4	-	17.8	26	-3.3	14	-	3.22	-	1.19	2	15	12	2	2	0	0	0	6	24	0	-	-	-
	Glasgow, Spr. Pk. ...	99	351	11.8	2.6	7.2	-	19.4	26	-1.7	14	-	2.02	87	.55	6	13	10	6	1	1	0	0	0	7	17	0	6.37	-
	Coatbridge ...	99	256	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Coalburn (Midtown) ...	99	707	10.1	0.4	5.3	-	17.2	25,26	-7.2	14	5.9	3.54	-	1.11	2	15	13	6	2	0	0	0						



TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER APRIL 1962

DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)		WEATHER (Number of days)										BRIGHT SUNSHINE						
			Means of		Difference from Average	Highest Maximum and Lowest Minimum					Total Fall	Per-cent- age of Average	Most in a day		Precip'n -0.1in.(0.2mm) or more -0.1in.(1.0mm) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost or less	Gale	Daily Mean	Per-cent- age of Average						
			A	B		Maximum	Date	Minimum	Date	1 ft.			4 ft.	Amount												Date					
			Max.	Min.		Mean of A and B	Maximum	Date	Minimum	Date			1 ft.	4 ft.												Amount	Date				
2 ENGLAND, N.E.—cont.																															
North-berland cont.	Haydon Bridge ...	9 9	270	10.8	1.3	6.1	-	18.3	26	-3.3	14	-	5.7	2.08	-	.63	2	16	11	0	0	0	0	0	1	12	20	0	5.62	-	
	Berwick-on-Tweed ...	9 9	76	9.4	3.7	6.5	-0.5	17.8	25	0.0	1	-	-	1.68	124	.44	2	14	8	1	0	0	0	0	1	1	17	1	5.82	116	
	Ponteland ...	9 9	220	10.5	2.3	6.4	-	17.8	24, 25	-1.1	15	-	-	1.82	-	.53	21	15	10	3	0	0	1	1	2	8	18	1	-	-	
	Cockle Park ...	9 9	326	9.7	2.4	6.1	-0.6	15.6	25	-1.7	14	5.6	-	2.21	115	.65	21	15	10	2	0	0	1	1	1	5	18	0	5.56	119	
	Acklington ...	21-9	138	9.7	2.6	6.1	-	15.0	25	-0.8	14	-	-	1.83	-	.67	21	13	8	2	0	2	0	1	1	6	14	1	5.67	-	
	Tynemouth ...	21-9	95	8.8	4.2	6.5	-1.0	14.0	22, 25	0.8	1	-	-	1.53	94	.64	21	10	8	2	0	0	0	0	1	0	8	0	5.31	-	
	Chopwellwood ...	9 9	446	11.3	2.3	6.8	-0.2	17.8	24	-1.7	14	-	-	1.96	105	.65	21	15	10	3	1	0	2	1	0	8	22	0	-	-	
	Ushaw College ...	9 9	594	9.9	2.6	6.3	-0.8	17.2	25	-1.7	1	-	-	2.12	113	.90	21	14	10	2	1	0	0	1	6	5	-	0	-	-	
	Houghall ...	9 9	123	11.3	1.8	6.5	-0.9	18.9	25	-4.4	13	-	-	1.51	85	.44	8	13	10	4	0	0	0	0	0	6	16	0	5.30	119	
	Durham ...	9 9	336	11.3	2.7	7.0	-0.2	19.4	25	-0.6	1	6.4	5.6	2.08	122	.77	21	14	9	-	1	-	-	-	3	13	-	5.39	119		
Yorks., N. Riding	Gateshead ...	9 9	509	9.9	3.3	6.6	-	16.7	24	0.0	1, 6, 13	-	-	1.38	-	.29	4	13	9	-	0	-	-	-	1	3	-	-	5.20	-	
	Middleton St. Gge. ...	21-9	115	11.1	3.2	7.1	-	20.1	25	-0.9	13	-	-	1.63	-	.39	21	15	10	3	1	0	1	1	3	12	0	5.19	-		
	West Hartlepool ...	9 9	30	10.6	4.3	7.5	-	15.6	22	1.1	1	-	-	1.60	-	.56	21	12	10	1	0	1	0	0	0	5	1	5.06	-		
	Dishforth ...	21-9	105	11.2	3.5	7.3	-	20.6	25	-0.8	14	-	-	1.67	101	.57	21	13	9	3	0	0	1	0	0	2	8	0	5.57	-	
	York ...	9 9	57	11.5	3.9	7.7	-0.6	20.0	25	0.0	1, 14	6.9	6.2	1.47	86	.51	21	12	9	1	0	2	0	0	0	2	-	0	5.11	112	
	Ampleforth ...	9 9	313	10.5	3.1	6.8	-0.6	18.9	25	-0.6	1	-	-	2.34	118	.70	21	16	10	3	-	0	1	0	0	1	15	2	-	-	
	Redcar ...	9 9	25	10.6	4.1	7.3	-	15.0	22	1.1	1, 6, 13	-	-	1.39	97	.36	21	15	8	-	0	-	-	-	0	0	-	-	4.94	-	
	Whitby ...	9 9	135	10.2	3.9	7.1	-	15.6	25	1.1	4, 28	-	-	1.51	94	.31	4	15	9	0	0	0	1	1	0	0	-	0	4.75	-	
	Scarborough ...	9 9	118	10.2	4.2	7.2	-1.1	14.4	7, 22	0.6	1	-	-	2.10	119	.64	21	13	10	2	0	0	0	0	0	0	1	0	5.15	105	
	Silpho Moor ...	9 9	665	9.4	2.4	5.9	-	17.2	25	-1.1	1	5.0	-	2.64	-	.76	21	16	11	3	0	0	0	0	5	7	15	0	4.69	-	
Fylingdales Moor ...	9 9	805	-	-	-	-	-	-	-	-	-	-	2.92	-	.79	21	14	12	-	-	-	-	-	-	-	-	-	-	-	-	
Yorks., E. Riding	High Mowthorpe ...	9 9	574	9.7	2.4	6.1	-	17.8	25	-1.1	1	5.5	-	2.44	-	.76	21	15	11	2	0	0	0	1	1	6	14	0	5.31	-	
	Hull ...	9 9	8	11.1	4.1	7.6	-0.9	18.9	25	0.6	1	7.0	5.8	2.06	113	.65	21	13	9	1	0	0	0	1	0	0	8	0	4.66	102	
	Leconfield ...	21-9	24	10.9	3.6	7.3	-	19.7	25	0.1	4	-	-	2.28	-	.67	21	13	10	2	0	0	3	1	0	0	9	1	5.47	-	
	Filey ...	9 9	122	9.7	3.5	6.6	-	17.2	25	-0.6	4	-	-	1.80	-	.62	21	13	8	0	0	0	1	0	0	2	8	1	5.11	-	
	Bridlington ...	9 9	157	9.6	3.2	6.4	-	14.4	22	0.0	1, 4, 13	-	-	2.23	-	.75	21	14	10	1	0	0	1	0	1	3	9	2	5.17	-	
	Spurn Head ...	21-9	29	9.2	4.6	6.9	-1.0	14.2	26	1.1	1	-	-	1.81	-	.50	21	10	9	0	0	0	0	1	1	0	-	0	-	4.48	86
	Gainsborough ...	9 9	110	11.8	2.9	7.3	-	19.4	25	-0.6	13	-	-	2.41	-	.62	16	18	10	1	0	0	0	0	0	2	-	0	-	-	
	Waddington ...	21-9	224	11.0	3.5	7.3	-	19.3	26	-0.8	14	-	-	2.31	-	.66	16	13	9	1	0	1	2	0	0	1	9	0	5.01	-	
	Lincoln ...	9 9	22	11.7	2.4	7.1	-	19.4	26	-3.9	13, 14	6.4	5.6	2.16	-	.52	16	15	9	0	0	1	0	1	0	7	19	0	4.75	-	
	Cranwell ...	9 9	205	11.2	3.2	7.2	-0.8	19.4	26	-1.1	14	7.3	7.8	2.20	132	.65	16	16	9	1	0	1	0	0	0	1	13	0	4.90	98	
Cleethorpes ...	9 9	23	10.9	3.8	7.3	-0.9	15.6	22, 25, 26	0.6	1, 4	-	-	1.76	104	.47	21	9	8	-	0	-	-	-	0	0	7	-	4.54	88		
Manby ...	21-9	55	10.8	3.2	7.0	-	18.6	26	-1.6	4	-	-	2.11	-	.65	16	11	8	2	0	1	0	0	0	2	7	0	4.96	-		
Skegness ...	9 9	15	10.7	3.9	7.3	-0.6	20.0	26	-0.6	4	-	-	2.15	134	.70	16	12	8	0	0	1	1	0	1	0	2	7	0	4.63	88	
3 ENGLAND, E.																															
Norfolk	Terrington ...	9 9	13	11.3	3.8	7.5	-	20.0	26	0.0	4, 13	6.9	-	2.16	145	.56	21	14	11	0	0	0	0	2	0	2	12	0	4.56	-	
	St. Clement ...	9 9	13	11.3	3.8	7.5	-	20.0	26	0.0	4, 13	6.9	-	2.16	145	.56	21	14	11	0	0	0	0	2	0	2	12	0	4.56	-	
	Marham ...	21-9	76	11.5	4.0	7.7	-	20.0	26	-0.7	4	-	-	1.97	-	.42	16	15	10	0	0	0	0	1	0	1	6	0	-	-	
	Santon Downham ...	9 9	80	12.4	2.1	7.3	-	21.7	26	-5.6	13	6.6	5.8	1.90	-	.39	16	13	9	-	0	-	-	-	0	10	15	-	-	-	
	West Raynham ...	21-9	250	10.7	3.7	7.2	-	19.1	26	0.0	1	-	-	2.35	-	.59	16	15	9	0	0	2	0	1	0	1	9	0	4.56	-	
	Cromer ...	9 9	178	10.4	3.9	7.1	-1.1	18.3	26	0.6	1	-	-	2.23	130	.81	16	13	9	-	0	-	-	-	0	0	7	-	5.40	102	
	Sproston ...	9 9	93	11.1	3.8	7.5	-0.7	20.0	26	-0.6	13	6.9	-	1.66	92	.55	16	13	9	0	0	0	1	1	0	1	10	0	4.77	91	
	Burlingham ...	9 9	89	10.7	4.1	7.4	-	19.4	26	0.6	1	-	-	1.32	75	.56	16	13	7	1	0	0	1	1	0	0	7	2	5.08	-	
	Gorleston ...	21-9	12	10.1	4.7	7.4	-0.7	17.6	26	1.1	1	7.9	7.2	1.51	90	.54	16	15	9	1	0	0	1	1	0	4	0	5.14	96		
	Mildenhall ...	21-9	15	12.0	4.3	8.1	-	20.6	26	-1.1	13	-	-	1.87	109	.33	16	14	9	0	0	2	1	1	0	2	7	0	4.78	-	
Suffolk	East Bergholt ...	9 9	14	12.3	4.0	8.1	-	20.6	26	-1.1	13	-	-	1.41	-	.31	4	14	10	0	0	0	1	0	0	1	13	0	-	-	
	Wattisham ...	21-9	292	11.2	3.5	7.3	-	19.6	26	-0.3	14	-	-	1.28	-	.40	4	14	10	1	0	0	0	1	0	2	9	0	-	-	
	Lowestoft ...	9 9	82	10.4	4.1	7.3	-0.8	19.4	26	0.6	1, 13	7.7	6.8	1.59	95	.41	16	15	10	0	0	0	0	1	1	0	5	0	4.86	87	
	Boxworth ...	9 9	157	11.8	3.7	7.7	-	20.0	26	0.0	4, 13, 14	-	-	1.43	85	.48	21	14	8	0	0	0	0	1	0	3	14	0	4.70	-	
	Cambridge Bot. Gdn. ...	9 9	41	12.3	3.9	8.1	-0.5	21.1	26	-1.1	4	8.0	7.1	1.32	75	.45	21	11	9	0	0	0	0	2	3	14	-	-	-	-	
	Cambridge N.I.A.B. ...	9 9	85	12.3	4.1	8.2	-	21.1	26	-0.6	13	-	-	1.52	88	.50	21	13	9	0	0	0	0	1							



TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER APRIL 1962

DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)				WEATHER Number of days										BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
			Means of		Difference from Average	Highest Maximum and Lowest Minimum				1 ft.	4 ft.	Total Fall	Per-centage of Average	Most in a day		Precip'n		Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. O C or less	Gale	Daily Mean	Per-centage of Average																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
			A	B		Maximum	Date	Minimum	Date					Amount	Date	<0.1 in (0.2mm.) or more	<0.1 in (1.6mm.) or more																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER APRIL 1962

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)		WEATHER										BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
				Means of		Difference from Average	Highest Maximum and Lowest Minimum				Total Fall			Percentage of Average	Most in a day		Precip'n				Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. °C. or less	Gale	Daily Mean	Percentage of Average																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
				A	B		Maximum	Date	Minimum	Date	1 ft.	4 ft.	Amount		Date	0.01 in. (0.2mm.) or more	0.01 in. (0.2mm.) or more																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER APRIL 1962

DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)				WEATHER Number of days										BRIGHT SUNSHINE				
			Means of		Mean Temperature of A and B	Difference from Average	Highest Maximum and Lowest Minimum		EARTH TEMPERATURE		Total Fall	Percentage of Average	Most in a day		Precip'n (0.2mm or more (0.1mm or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. 0°C or less	Gale	Daily Mean	Percentage of Average					
			A Max.	B Min.			Maximum	Date	Minimum	Date			1 ft.	4 ft.													Amount	Date			
			°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.											hr	%				
7a ENGLAND, N.W.																															
Cumberland	Sellafield...	9 9	43	10.6	3.7	7.1	-	15.0	23	-1.1	14, 15	-	-	1.92	79	.38	6	15	11	-	0	-	-	-	4	3	11	-	6.66	-	
	Carlisle...	21-9	86	11.4	2.8	7.1	-	18.0	23	-2.5	14	-	-	2.63	-	.83	2	13	11	1	0	3	4	2	0	6	11	0	6.02	-	
	Newton Rigg §§	9 9	580	10.7	2.4	6.5	-0.4	15.7	24, 25	-3.3	14	5.9	-	2.41	117	.75	2	16	12	-	-	-	-	-	0	6	17	-	4.91	108	
	Spadeadam...	9 9	900	9.3	0.8	5.1	-	16.1	25	-5.0	14	4.5	4.2	4.92	-	2.17	2	16	12	8	0	2	1	1	2	11	13	0	5.17	-	
Westmorland	Ambleside...	9 9	151	11.5	2.7	7.1	-	18.9	25	-2.2	14	-	-	6.90	172	2.50	2	16	15	3	0	2	0	1	0	5	-	0	5.62	-	
	Great Dun Fell...	-	2780																												
	Moor House...	9 9	1825	7.0	-0.7	3.1	-	14.4	24, 25	-5.6	13	2.8	-	7.34	-	2.53	2	17	15	-	6	-	-	-	3	20	25	-	4.82	-	
	Barrow-in-Furness	9 9	55	11.1	4.2	7.7	-	16.1	23, 24	0.0	14	-	-	2.13	-	.42	2	13	12	-	0	-	-	-	3	1	0	-	-	-	
Lancashire	Squires Gate...	21-9	33	10.9	3.1	7.0	-	17.7	23	-1.5	29	-	-	2.44	133	.72	2	13	10	0	0	1	0	0	0	4	11	2	6.79	-	
	Urswick...	9 9	130	11.4	2.9	7.1	-	17.2	23, 25	-1.7	14	-	-	2.83	-	.51	7	15	11	1	0	0	0	0	0	4	6	-	3	-	
	Poulton-le-Fylde	9 9	38	11.3	3.3	7.3	-	17.8	23, 24	-1.7	13, 14	-	-	3.04	-	.70	2	14	11	0	0	0	0	0	0	3	-	0	-	-	
	Grizedale...	9 9	300	11.2	(0.5)	(5.9)	-	17.2	25	(+5.0)	14	6.1	-	6.30	-	2.20	2	14	14	2	0	0	0	0	0	13	20	0	-	-	
	Liverpool Airport	21-9	80	11.5	4.6	8.1	-	19.4	25	0.1	14	-	-	2.14	125	.51	21	14	9	1	0	1	0	0	0	3	0	3	0	5.86	-
	Kirkham...	9 9	78	11.2	3.4	7.3	-	17.2	23, 24, 25	-2.2	14	-	-	3.41	168	1.09	2	15	11	0	0	1	0	0	0	3	12	0	6.17	-	
	Garstang...	9 9	68	11.1	3.6	7.3	-	17.2	23	-1.1	13	-	-	3.53	-	1.27	2	14	10	-	-	-	-	-	1	3	10	-	6.05	-	
	Morecambe...	9 9	24	10.9	4.6	7.7	-0.4	17.8	23	1.1	1, 14	-	-	3.40	165	1.06	2	14	11	0	0	0	0	0	0	0	-	0	6.12	112	
	Preston (Moor Pk.)	9 9	108	11.2	3.9	7.5	-	18.3	25	-1.1	14	-	-	3.42	155	1.03	2	15	12	1	0	1	1	0	1	1	8	0	-	-	
	Bolton...	9 9	352																												
	Darwen...	9 9	724	9.4	2.7	6.1	-1.0	17.2	25	-0.6	1, 14	6.1	5.2	5.29	165	1.80	2	16	15	1	1	1	1	0	3	-	0	-	-	-	
	Stonyhurst §§	9 9	377	10.8	3.3	7.1	-0.3	17.8	24, 25	0.0	1, 14	-	-	4.66	174	1.59	2	15	11	-	0	-	-	-	2	2	8	-	6.00	128	
Manchester	Weather Centre	-	-																												
	Helmshore...	9 9	854	9.4	2.8	6.1	-	17.8	25	-1.1	1, 14	6.0	-	6.04	-	1.64	2	16	12	-	1	-	-	-	2	2	13	-	5.54	-	
	Manchester (Smokeless Zone)	-	-																												
	Burnley...	9 9	655	10.1	2.4	6.3	-	17.2	24, 25	-3.3	14	5.8	-	3.97	-	1.15	2	16	12	0	0	0	0	0	0	4	18	0	-	-	
Cheshire	Nelson...	9 9	540	9.9	3.1	6.5	-	17.8	25	-1.1	14	6.1	5.2	4.00	149	1.15	6	15	13	-	1	-	-	-	0	3	14	-	5.15	-	
	Rochdale...	9 9	362	10.6	3.3	6.9	-	18.9	25	-0.6	14	-	-	4.40	-	1.11	2	16	13	1	0	0	0	0	0	2	3	0	5.26	-	
	West Kirby Park	9 9	25																												
	Bidston Obs'y. §§	9 9	198	10.7	4.7	7.7	-0.5	16.7	23	0.6	1	-	-	2.23	132	.41	4	12	11	-	-	-	-	-	1	0	3	-	6.04	114	
	Northwich(Winnington)	9 9	65	12.2	4.5	8.3	-	21.1	25	-0.6	13, 14	-	-	2.33	125	.69	4	14	12	1	0	0	1	0	0	2	8	0	-	-	
	Knutsford...	9 9	212	11.9	3.5	7.7	-	20.6	25	-1.7	14	7.0	6.0	2.59	-	.60	4	16	13	-	-	-	-	-	0	2	-	-	-	-	
	Manchester Airport §§	21-9	248	11.2	4.0	7.6	-0.5	19.6	25	-0.2	1	-	-	2.28	121	.44	7	16	9	1	0	0	2	1	0	2	5	0	5.80	136	
	Macclesfield...	9 9	500	11.0	3.6	7.3	-0.3	20.0	25	-0.6	14	-	-	2.65	109	.47	7	16	14	2	0	1	1	0	0	1	-	0	-	-	
7b NORTH WALES																															
Flint	Rhyl...	9 9	31	11.2	4.3	7.7	-0.8	17.8	23	-1.1	14	-	-	1.75	111	.32	16	14	12	0	0	2	1	0	0	1	2	1	6.47	121	
	Prestatyn...	9 9	12	11.2	4.0	7.6	-	17.8	23	-1.7	14	-	-	1.66	98	.26	16	14	13	0	0	2	0	0	0	2	-	0	6.18	-	
	Hawarden Bridge	9 9	17	12.2	4.1	8.1	-0.6	18.9	25	-2.2	14	-	-	2.13	121	.47	21	15	11	0	0	0	0	0	1	1	-	1	-	-	
	Holyhead (Valley)	21-9	26	10.9	4.7	7.8	-0.6	16.6	28	-0.2	13	-	-	1.44	76	.43	2	15	10	1	0	0	0	0	0	1	5	1	6.89	119	
Anglesey	Alwen...	9 9	1100	9.4	-0.3	4.5	-	15.6	24, 26, 28	-7.8	14	-	-	4.49	-	1.69	2	16	13	-	-	-	-	-	-	17	19	-	-	-	
	Ruthin...	9 9	248	11.4	3.0	7.2	-	19.4	25	-3.3	14	-	-	2.62	-	.74	2	13	13	-	-	-	-	-	0	3	-	-	-	-	
	Loggerheads...	9 9	690	10.3	2.2	6.3	-	18.9	25	-5.0	14	5.9	5.7	2.87	-	.57	15	15	12	1	0	3	0	0	2	6	14	0	-	-	
	Bwlchgwyn...	9 9	1267																												
Caernarvon	Wrexham...	9 9	275	11.8	3.5	7.7	-	18.3	25	-1.7	14	6.7	6.1	2.66	-	.57	21	14	10	0	0	0	0	0	0	2	18	0	-	-	
	Bardsey Island...	21-9	60	10.0	5.0	7.5	-	15.0	23	2.6	15	-	-	2.40	-	.69	2	14	14	-	-	-	-	-	0	0	1	-	-	-	
	Botwnnog...	9 9	112	11.6	4.4	8.0	-	17.2	23, 25	1.1	14	8.6	7.5	2.66	-	.67	2	15	14	0	0	0	0	0	0	0	6	1	6.69	-	
	Bryn Adda...	9 9	275	11.0	4.4	7.7	-	17.8	23, 25	0.6	14	-	-	2.75	-	1.12	2	15	12	0	0	0	1	0	0	0	13	0	6.27	-	
	Cwm Dyli...	9 9	324	-	3.8	-	-	-	-	-1.1	14	6.7	-	10.31	-	4.03	2	17	16	-	-	-	-	-	-	0	1	9	-	-	
	Aber...	9 9	60	11.2	4.8	8.0	-0.6	16.7	23	1.1	13	-	-	3.15	135	1.53	2	15	14	0	0	0	0	0	0	0	12	2	5.93	116	
	Llandudno §§	9 9	13	10.7	5.1	7.9	-0.8	18.3	23	-0.6	14	-	-	2.01	119	.70	2	15	11	0	0	2	0	0	0	2	-	1	6.28	114	
	Llyn Stwlan...	9 9	1656	7.3	1.6	4.5	-	13.9	28	-2.8	6	-	-	8.09	-	2.71	2	17	17	-	2	-	-	-	-	9	18	-	-	-	
Merioneth	Trawsfynydd...	9 9	611	-										8.70	-	4.13	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Blaenau Ffestiniog	9 9	750	10.3	3.9	7.1	-	17.8	25	0.0	14	-	-	8.55	-	2.60	2	17	17	3	0	0	1	0	1	-	0	4.05	-	5	
	Corwen...	9 9	473	11.0	1.3	6.1	-	18.9	25	-4.4	14	-	-	4.36	-	1.45	2	17	13	1	0	0	0	0	-	10	20	0	-	-	
	Ceinws...	9 9	200	11.8	2.7	7.3	-	19.4																							



TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER APRIL 1962

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation		Height of Station above Mean Sea Level		AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)			WEATHER										BRIGHT SUNSHINE								
						Means of		Difference from Average		Highest Maximum and Lowest Minimum						Total Fall		Per-centage of Average		Most in a day		Precip'n		Number of days										Daily Mean		Per-centage of Average	
Max.	Min.	A	B	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	1 ft.	4 ft.	in.	%	in.	40in. (0.2mm.) or more	40in. (1.0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. 0°C. or less	Gale	hr	%								
G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.																					
8b ENGLAND, S.W.																																					
Somerset	Hawkridge (Liscombe)	9 9	1030	9.5	3.1	6.3	-	17.8	26	-1.1	14	-	-	4.35	-	.94	7	16	14	-	0	-	-	-	2	2	13	-	-	-							
	Cannington	9 9	95	12.7	4.8	8.7	-	20.6	25	0.6	14	8.4	-	1.64	84	.34	4	14	11	0	0	0	0	0	0	11	0	5.98	-								
	Weston-a-Mare	9 9	28	11.9	4.9	8.4	-	17.8	23	1.1	14	-	-	1.51	74	.35	7	13	8	0	0	0	0	1	0	8	1	5.98	112								
	Long Ashton	9 9	162	12.4	4.5	8.5	-0.3	20.0	25.26	1.7	14.28	8.3	-	2.01	89	.54	7	14	7	0	0	1	2	1	0	0	16	0	5.81	109							
	Bath (City Boys' School)	9 9	388	12.6	4.0	8.3	-	20.6	26	-0.6	14	-	-	1.71	-	.34	4	13	9	0	0	0	1	0	2	-	0	-	-								
Dorset	Bath	9 9	67	12.8	4.7	8.7	-0.4	20.6	25.26	1.1	13.30	8.9	7.6	1.83	87	.38	4	15	10	0	0	1	0	1	0	0	9	1	5.62	107							
	Portland Bill	21-9	35	9.8	6.1	7.9	-0.7	16.2	26	2.4	14	-	-	1.33	85	.26	4	11	8	0	0	0	0	0	0	0	8	-	-								
	Weymouth	9 9	16	12.7	5.7	9.2	0.0	21.1	26	1.7	14	-	-	1.91	106	.46	19	13	9	0	0	-	0	0	0	-	6.04	100									
	Shaftesbury	9 9	680	11.0	2.3	6.7	-1.3	20.0	26	-1.1	14.16	-	-	2.37	111	.69	3	13	11	-	0	-	-	0	6	-	-	-	-								
	Swanage	9 9	37	11.9	5.2	8.5	-	18.3	26	1.7	14	8.3	-	1.55	-	.34	4	11	9	0	0	0	0	1	0	1	3	5.91	-								
Devon	Poole	9 9	18	13.2	3.9	8.5	-	22.8	26	0.6	4.14.23	-	-	1.48	-	.38	4	12	7	0	0	0	0	0	0	0	0	5.72	-								
	Clayton	9 9	412																																		
	Hartland Pt.	21-9	298	9.7	5.8	7.7	-	15.6	23	3.0	15	-	-	2.26	-	.31	20	14	10	0	0	2	0	2	0	0	7	6.03	-								
	Plymouth (Mt. Batten)	21-9	87	11.7	5.6	8.7	-0.4	19.2	26	0.8	18	-	-	2.15	98	.51	20	13	9	0	0	0	3	1	0	5	1	6.34	108								
	Plymouth (The Hoe)	9 9	119	12.2	6.1	9.1	-0.4	20.0	26	1.1	18	9.1	8.5	1.99	91	.60	20	13	9	0	0	0	0	0	0	6	4	6.39	108								
Cornwall	Chivenor	21-9	20	12.7	5.1	8.9	-	20.4	25	1.4	18	-	-	2.26	-	.52	20	12	10	0	0	1	0	0	0	5	3	6.27	-								
	Ilfracombe	9 9	25	10.9	6.2	8.5	-0.7	16.7	23	3.3	18	9.4	9.2	2.59	113	.53	4	15	12	0	0	0	0	0	0	2	1	6.06	108								
	Totnes	9 9	120	12.3	3.9	8.1	-	21.7	26	-1.7	18	8.4	7.8	2.90	98	.76	2	15	13	0	0	0	0	0	0	3	16	2	5.82	-							
	Slapton	9 9	104	11.3	5.1	8.2	-	18.9	26	1.7	1	-	-	2.42	-	.46	20	14	11	0	0	0	0	0	0	2	0	-	-								
	Newton Abbot	9 9	272	11.9	4.4	8.1	-0.7	20.6	26	-1.1	18	-	-	2.49	100	.58	2	17	13	0	0	0	0	0	0	1	7	0	5.93	104							
	Paignton	9 9	8	12.1	5.2	8.7	-	18.9	26	1.7	18	-	-	2.16	86	.47	2	15	11	0	0	0	2	0	0	3	0	6.23	106								
	Torquay	9 9	26	11.7	5.7	8.7	-0.6	20.6	26	1.1	18	-	8.7	2.10	93	.43	2	15	12	0	0	1	0	0	0	3	5	6.47	108								
	Teignmouth	9 9	20	11.5	5.7	8.6	-0.8	18.9	26	1.1	18	-	-	1.93	91	.44	20	17	12	0	0	0	1	0	0	1	3	5.86	98								
	Starcross	9 9	29	11.9	4.6	8.3	-	20.6	26	0.6	23	8.7	-	1.97	-	.45	12	15	14	0	0	1	1	1	0	11	4	6.06	-								
	Exeter (Southam)	9 9	160	12.2	4.1	8.1	-	20.6	26	0.0	18	-	-	(1.60)	-	.31	20	13	(12)	0	0	1	0	1	2	1	0	-	-								
	Exmouth	9 9	195	11.5	4.7	8.1	-0.6	20.6	26	1.1	14	-	-	1.83	82	.44	20	15	13	0	0	0	2	1	0	0	2	6.03	113								
	Exeter	21-9	106	12.6	4.4	8.5	-	21.0	26	0.2	23	-	-	1.30	61	.32	20	13	11	0	0	0	1	0	1	14	3	5.99	-								
	Sidmouth	9 9	25	11.6	4.9	8.3	-0.5	18.9	26	0.0	14	-	-	1.55	-	.48	20	12	10	0	0	-	0	-	0	1	1	-	6.26	-							
	St. Mary's, Scilly	21-9	188	11.3	6.6	8.9	-0.5	14.8	26	3.0	15	-	-	1.09	52	.40	2	14	6	0	0	0	1	0	4	0	7	6.34	102								
	Penzance	9 9	62	12.1	5.6	8.9	-0.9	18.9	26	1.7	30	-	-	2.13	85	.50	2	13	12	0	0	1	0	0	0	0	7	3	6.19	104							
	Guilval	9 9	50	11.8	5.7	8.7	-0.7	18.3	26	1.7	15	-	-	2.02	-	.53	2	13	10	0	0	1	0	0	0	0	-	6.31	104								
	Culdrose	9 9	268	10.9	4.8	7.9	-	20.0	26	1.1	15	-	-	2.01	-	.52	18	11	9	0	0	0	1	0	1	6	5	6.22	-								
	Camborne (Rosewarne)	9 9	250	11.2	5.3	8.3	-	17.2	25	0.0	15	8.5	8.1	1.79	-	.51	2	11	8	0	0	3	0	1	1	6	3	6.15	-								
	Lizard	9 9	240	11.0	5.9	8.5	-	20.2	26	3.0	15.16	-	-	1.82	91	.59	18	13	10	0	0	0	0	0	0	-	5	6.22	-								
	Falmouth	9 9	167	11.0	5.5	8.3	-1.0	20.0	26	1.7	15	-	-	2.67	102	.66	20	11	8	0	0	0	0	0	0	6	0	5.85	99								
	Newquay	9 9	176	11.4	5.3	8.3	-0.7	17.8	25	0.6	15	-	-	1.56	80	.47	2	11	7	0	0	0	0	0	0	6	0	5.88	100								
	St. Mawgan	21-9	337	11.4	5.1	8.3	-	19.1	25	0.7	15	-	-	1.81	-	.38	2	12	9	0	0	1	0	1	0	3	4	5.96	-								
	St. Austell	9 9	310	11.7	4.8	8.3	-	19.4	26	0.0	15	-	-	2.45	84	.89	20	13	9	0	0	0	1	0	1	1	2	-	-								
	Fowey	9 9	51	12.2	5.7	8.9	-0.6	18.3	25	1.1	18	-	-	2.22	-	.79	20	12	10	0	0	0	1	0	0	0	2	-	-								
	Bude	9 9	50	11.9	5.1	8.5	-0.4	17.8	27	2.2	14.30	7.8	-	1.75	90	.42	2	14	8	0	0	-	-	-	0	-	-	5.78	98								
	Ellbridge	9 9	190	12.4	4.4	8.4	-	21.1	26	-0.5	18	-	-	2.55	-	.62	20	15	11	0	0	2	0	0	0	2	6	1	6.40	-							
NORTHERN IRELAND																																					
Londonderry	Loughmore Forest	9 9	572	11.4	1.3	6.3	-	18.3	25.27	-3.3	13	-	-	2.76	-	.55	6	16	13	1	1	0	0	0	1	10	20	0	-								
	Eglinton	9 9	38																																		
	Ballykelly	21-9	3	12.1	3.3	7.7	-0.4	19.0	25	-2.8	16	-	-	1.92	86	.60	6	16	9	3	0	4	0	0	1	5	16	0	7.50	155							
	Derrynoyd Forest	9 9	292	12.2	2.1	7.1	-	19.4	30	-2.8	16	-	-	2.61	-	.55	6	13	12	2	1	0	0	0	0	9	21	0	-								
	Somerset Forest	9 9	142	12.2	2.4	7.3	-	19.4	25	-2.2	16	-	-	3.02	-	1.06	6	12	11	2	0	1	0	0	1	6	21	0	-								
Antrim	Garvagh Forest	9 9	292	11.9	2.1	7.0	-	19.4	25	-3.9	16	-	-	2.51	-	.56	6	14	12	3	0	1	0	0	1	9	21	0	-								
	Garvagh	9 9	121	12.2	2.2	7.2	-0.4	19.4	30	-3.3	16	7.6	-	2.13	80	.53	6	15	10	4	2	6	0	0	2	9	22	0	-								
	Portrush	9 9	18																																		
	Aldergrove	21-9	217	11.9	2.4	7.1	-0.5	18.1	25	-3.9	13	-	-	1.57	72	.31	6	14	8	3	0	2	0	0	1	6	15	0	7.74	-							
	Nutts Corner	21-9	338	11.7	2.9	7.3	-	18.3	25	-2.0	13	-	-	2.35	96	.46	6	15	12	4	0	3	0	0	1	4	16	0	-								
Down	Ballypatrick Forest	9 9	472																																		



DISTRICT, COUNTY AND PLACE		Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (OKTAS)					VISIBILITY										WIND, NUMBER OF OBSERVATIONS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
				At Mean Sea Level	Difference from Average	Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	No. of Observations					NUMBER OF OBSERVATIONS					FORCE (0-12)					DIRECTION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
										Mean Amount	0	1	2	3	4	5	6	7	8	9	0-44 yd.	45-210 yd.	220-430 yd.	440-1,000 yd.	1,100-2,100 yd.	2,200-4,300 yd.	3-6 mi.	7-12 mi.	13-24 mi.	25 mi. or over	Beaufort Force					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
																															0	1	2	3	4									5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
		G.M.T.	ft.	mb.	mb.	°C.	°C.	mb.	%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	



TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS APRIL 1962

[illegible]



TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS APRIL 1962

DISTRICT, COUNTY AND PLACE	Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (OKTAS)					VISIBILITY							WIND, NUMBER OF OBSERVATIONS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
			At Mean Sea Level	Difference from Average	Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	Mean Amount	No. of Observations					NUMBER OF OBSERVATIONS							FORCE (0-12)				DIRECTION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
										0	1	2	3	4	5	6	7	8	9	0-44 yd.	45-210 yd.	210-480 yd.	440-1,090 yd.	1,090-2,190 yd.	2,190-4,390 yd.	3-6 mi.	7-12 mi.	13-24 mi.	25 mi. or over	Beaufort Force				N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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		G.M.T.	ft.	mb.	mb.	°C.	°C.	mb.	%						0-44 yd.	45-210 yd.	210-480 yd.	440-1,090 yd.	1,090-2,190 yd.	2,190-4,390 yd.	3-6 mi.	7-12 mi.	13-24 mi.	25 mi. or over	34 or more	29 to 33	24 to 28	19 to 23	14 to 18	0	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
4 MIDLAND COUNTIES—cont.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			



TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS APRIL 1962

[illegible]

H See Notes on Tables in the Introduction.



TABLE XIII—SOLAR RADIATION AND INTENSITY OF DAYLIGHT, APRIL 1962

STATION	TOTAL RADIATION ON A HORIZONTAL SURFACE mw. hr./cm <sup>2</sup>						DIFFUSE RADIATION ON A HORIZONTAL SURFACE mw. hr./cm <sup>2</sup>						INTEGRATED ILLUMINATION OF A HORIZONTAL SURFACE kilo lux-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 ... ..	643	28	104	22	370.1	30	290	29	103	22	177.2	30	720	28	130	22	409.9	30
Eskdalemuir ... ..	736	29	78	2	384.4	30	246	30	77	2	183.7	30	828	29	108	2	436.1	30
Cambridge ... ..																		
Kingsway ... ..	601	25	38	16	293.1	30	285	24	35	16	175.1	28	638	25	51	16	302.9	29
Kew ... ..	588	22	45	16	312.0	30	278	10	39	16	178.6	30	639	22	53	16	337.8	30
Aberporth ... ..	687	29	82	2	396.0	30	327	12	82	2	193.0	30	-	-	-	-	-	-

TABLE VIII—NUMBER OF DAYS IN APRIL 1962 WITH MAXIMUM AND MINIMUM TEMPERATURES BETWEEN GIVEN LIMITS.

STATION	MAXIMUM TEMPERATURE °C.										STATION	MINIMUM TEMPERATURE °C.									
	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° 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	4	23	3	0	0	0	0	0	0	Birmingham ... ..	0	1	13	11	5	0	0	0	0	0
Stornoway ... ..	0	1	14	15	0	0	0	0	0	0	Kew Observatory ... ..	0	0	6	19	4	1	0	0	0	0
Craibstone ... ..	0	3	18	8	1	0	0	0	0	0	Hastings ... ..	0	0	11	18	1	0	0	0	0	0
Rothsay ... ..	0	2	15	6	7	0	0	0	0	0	Southampton ... ..	0	0	3	21	5	1	0	0	0	0
Renfrew ... ..	0	1	7	13	9	0	0	0	0	0	Stonyhurst ... ..	0	0	17	9	4	0	0	0	0	0
Eskdalemuir ... ..	0	1	19	3	7	0	0	0	0	0	Bidston Observatory ... ..	0	0	17	10	3	0	0	0	0	0
Douglas ... ..	0	0	21	7	2	0	0	0	0	0	Holyhead (Valley) ... ..	0	0	17	10	3	0	0	0	0	0
Cockle Park ... ..	0	0	17	12	1	0	0	0	0	0	Falmouth ... ..	0	0	13	15	2	0	0	0	0	0
Gorleston ... ..	0	0	16	13	1	0	0	0	0	0	Aldergrove ... ..	0	0	11	13	6	0	0	0	0	0
Cambridge ... ..	0	1	7	17	4	1	0	0	0	0	Armagh ... ..	0	0	5	18	7	0	0	0	0	0

TABLE III—ADDITIONS AND CORRECTIONS

MONTH	STATION	Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level ft.	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)				WEATHER Number of days										BRIGHT SUNSHINE	
				Means of		Mean Temperature Mean of A and B	Difference from Average	Highest Maximum and Lowest Minimum						Total Fall	Per- centage of Average	Most in a day		Precip'n		Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. °C. or less	Gale	Daily Mean
				A Max.	B Min.			Maximum	Date	Minimum	Date	1 ft.	4 ft.			Amount	Date	-0.1in (0.2mm.) or more	-0.01in (1.0mm.) or more										
				°C.	°C.	°C.	°C.	°C.		°C.		°C.		°C.	°C.	in.	%	in.											hr.
1959		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.		°C.																			
January	Kinloss	21-9	15																								1.66		
February	"	21-9	15																								4.36		
March	"	21-9	15																								3.65		
April	"	21-9	15																								4.08		
May	"	21-9	15																								5.31		
June	"	21-9	15																								6.31		
July	"	21-9	15																								4.37		
August	"	21-9	15																								4.49		
September	"	21-9	15																								4.80		
October	"	21-9	15																								4.05		
November	"	21-9	15																								2.21		
December	"	21-9	15																								1.33		
Annual	"	21-9	15																								3.88		
1960																											1.51		
January	"	21-9	15																								3.62		
February	"	21-9	15																								3.06		
March	"	21-9	15																								3.78		
April	"	21-9	15																								6.20		
May	"	21-9	15																								5.79		
June	"	21-9	15																								5.31		
July	"	21-9	15																								3.85		
August	"	21-9	15																								4.64		
September	"	21-9	15																								1.06		
October	"	21-9	15																								2.04		
November	"	21-9	15																								2.14		
December	"	21-9	15																								3.58		
Annual	"	21-9	15																										
February	Scilly	21-9	158											4.48	165														
1961																													
December	Barrow-in-Furness	9-9	55											3.69															
1962																													
January	Fettercairn	9-9	580													.71	12	20	14										
"	Balerno	9-9	700													.55	8												
"	Hawick (Wauchope)	9-9	580															22	19										
"	Fyvie Castle	9-9	218													1.35	12	13	10										
"	Achangelochan	9-9	1000											5.88		1.65													
"	Strathly	9-9	120																										
"	Stanstead Abbots	9-9	97																										
"	Gannich	9-9	350											4.9	5.9														
"	Forres	9-9	155																										
																1.70													
														1.99	108	.65	12	19	11										

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# Monthly Weather Report

## OF THE METEOROLOGICAL OFFICE

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

Volume 79 Number 5

Published by HER MAJESTY'S STATIONERY OFFICE

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### May 1962 — *Cool; rather dull in the South-east*

There were two cyclonic periods during May—the 3rd-11th and the 16th-22nd; otherwise weather was mainly anticyclonic in character with pressure high to the north and west of the country.

The month began with a ridge of high pressure extending southwards over the British Isles giving two generally dry and sunny days. Afternoon temperatures rose to around 17°C in parts of the West and Midlands, but with light winds off the North Sea many eastern districts were 5°C cooler. At night ground frost was fairly widespread and there was air frost locally.

Slow moving troughs from the Atlantic brought thundery outbreaks late on the 3rd and the next day many central and eastern districts of England had thunderstorms with heavy rain at times. Rain was widespread on the 5th, as the warm front of a depression to the west of the British Isles moved slowly north-east across the country, and continued intermittently the next day in the warm air behind the front. A wave development on the cold front of the depression gave over an inch of rain in many places in Northern Ireland, but with freshening south-westerly winds, the frontal system cleared the British Isles during the morning of the 7th, and behind it weather became brighter but showery with local thunderstorms. Thundery showers continued for another four days, as, with rising pressure in mid-Atlantic, the depression off western Scotland declined and low pressure was transferred eastwards towards Denmark.

By the 12th an anticyclone had become established off the south-west of Ireland, and for the next few days weak troughs and ridges moved south-east across Britain on its eastern flank. Winds were generally northerly and weather cool, with slight rain—mainly in the east and south-east—alternating with sunny periods.

A small depression to the south of Iceland moving towards Scotland with rapid deepening brought a marked change on the 16th. Winds reached gale force over much of Scotland and northern England, gales being severe in northern and western Scotland; a gust of 87 kt, exceptionally high for May, was recorded at Benbecula. Rain was heavy in northern Scotland, many places in Sutherland and in Ross and Cromarty recording more than 2 in. in 24 hours. Weather remained very unsettled for about a week; depressions from the Atlantic brought widespread rain on the 18th and 20th, and there were thundery showers or thunderstorms with heavy rain on the 19th and 21st. Flood damage was reported from the Midlands.

On the 23rd a ridge of high pressure extended northwards from the Azores anticyclone, and from the 24th until the end of the month an anticyclone was situated to the west or north-west of the British Isles with a ridge extending to Greenland. Cool, mainly northerly winds persisted over the country throughout the period, with thundery showers chiefly in the east. Thunderstorms were heavy over the southern part of the country on the 27th as a trough, associated with a depression over France, moved westwards across southern England. In many districts rain was continuous, but mainly slight, on the 28th and 29th as frontal systems moved slowly south over the British Isles.

**Pressure and Wind** — Mean pressure was below the average except in southern England, the deviation at 9 hr ranging from -4.1 mb at Lerwick to +2.1 mb at Scilly. Surface winds were light, variable or easterly until the 4th, becoming mainly south-westerly until the 9th, veering to westerly on the 10th and to northerly on the 11th-13th. Thereafter, apart from a period of south-westerly winds on the 18th-21st, winds were mainly between west and north-west until the 23rd and then mainly northerly until the end of the month. Winds reached gale force in Scotland on 14 days mainly during the second half of the month, and in England and Wales on the 16th-21st, 23rd-25th, 30th and 31st (11 days). Gales were widespread in the north on the 16th and in the south on the 19th.

**Temperature** — Mean temperature was below the 1921-50 average, the deficit being 1.0°C in England and Wales, 0.3°C in Scotland and 0.6°C in Northern Ireland. A feature of the month was the persistent lowness of the daily maximum temperature, especially in south-east England. Air frost occurred locally on the 1st and 2nd and towards the end of the month.

**Extremes included:** (England and Wales) 21.1°C at Herne Bay on the 7th, -5.6°C at Santon Downham on the 1st; (Scotland) 21.1°C at Paisley on the 1st, -6.1°C at Glenmore Lodge on the 19th; (Northern Ireland) 20.0°C at Baronscourt Forest on the 2nd, -1.7°C at Pubble Forest on the 31st.

**Precipitation** — The general rainfall expressed as a percentage of the 1916-50 average was 104 over England and Wales, 98 over Scotland and 95 over Northern Ireland. Rainfall was less than 75 per cent of the average in widely scattered areas which included coastal districts of west and east Scotland and the Solway Firth, parts of the east Midlands and southern England and the eastern districts of Northern Ireland. There was more than 150 per cent of the average over parts of Dartmoor, South Wales, the Pennines, the East Riding of Yorkshire, the Grampians and the north-west Highlands, and more than 250 per cent of the average in parts of Ross-shire.

Thunder was heard locally in Scotland on 8 days and in England and Wales on the 3rd, 4th, 7th-12th, 21st and 23rd-28th (15 days).

Snow or sleet occurred at one place or another in Scotland on 19 days; in England and Wales it was reported at Writtle and High Mowthorpe on the 10th and 31st respectively.

**Sunshine** — The general sunshine expressed as a percentage of the 1921-50 average was 89 over England and Wales, 97 over Scotland and 111 over Northern Ireland. Sunshine was generally below the average over eastern England but above the average in parts of the west.

**Fog** — In Scotland fog was reported on 18 days mainly during the cyclonic periods, in England and Wales it occurred on 11 days; it was fairly widespread on the 5th.

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

Meteorological Office, Air Ministry: SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director-General.

MWRdup



TABLE I—DISTRICT VALUES—

MAY

1962

(1908, revised 1928, 1941 and 1956)

DISTRICTS	AIR TEMPERATURE					EARTH TEMPERATURE		RAINFALL		SUNSHINE
	Highest	Lowest	Difference from Average			At 1 ft. Difference from Average	At 4 ft. Difference from Average	Percentage of Average	No. of Days Difference from Average	Percentage of Average
			Max.	Min.	Mean					
0 SCOTLAND, N.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	%		%
Eastern	18.9	-6.1	-0.7	-0.4	-0.6	—	—	125	+2	82
1 SCOTLAND, E.	20.0	+4.4	-0.2	+0.2	0.0	—	—	82	+2	97
2 ENGLAND, N.E.	20.0	-3.3	-1.2	+0.0	-0.6	-0.7	-0.3	114	+3	97
3 ENGLAND, E.	20.0	-5.6	-1.7	-0.2	-0.9	-1.0	-0.5	95	+6	80
4 MIDLAND COUNTIES	19.4	-3.9	-1.7	-0.3	-1.0	-0.4	0.0	89	+3	81

DISTRICTS	AIR TEMPERATURE					EARTH TEMPERATURE		RAINFALL		SUNSHINE
	Highest	Lowest	Difference from Average			At 1 ft. Difference from Average	At 4 ft. Difference from Average	Percentage of Average	No. of Days Difference from Average	Percentage of Average
			Max.	Min.	Mean					
5 ENGLAND, S.E.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	%		%
Western	21.1	-3.3	-2.5	-0.4	-1.4	-1.2	-0.5	98	+5	81
6 SCOTLAND, W.	21.1	-3.5	-0.5	-0.3	-0.4	+0.3	-0.4	77	-1	111
7 ENGLAND, N.W. (and N. Wales)	18.9	-2.8	-1.6	-0.1	-0.8	-0.6	0.0	107	+2	96
8 ENGLAND, S.W. (and S. Wales)	18.9	-2.2	-1.8	-0.6	-1.2	-0.4	-0.1	99	+4	92
NORTHERN IRELAND	20.0	-1.7	-0.5	-0.5	-0.6	—	—	95	-1	111

TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND—

MAY 1962

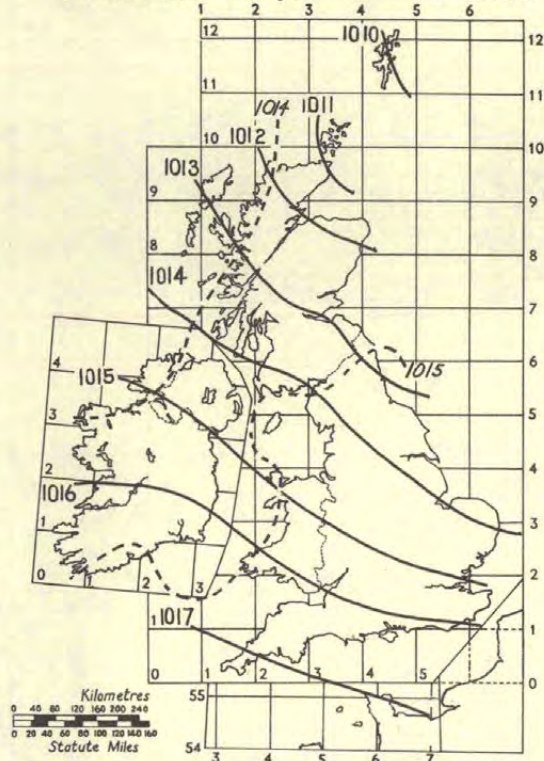
(1914)

DISTRICT, COUNTY AND PLACE		Height of Vane			Distribution of Mean Hourly Values of Wind Speed										Mean Hourly Wind Speed	Highest Velocities						
		Above Mean Sea Level	Above Ground	Effective Height	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						
					Dates of Occurrence	Duration	No. of days	Duration	Duration	Duration	Duration	Duration	Veer from N.	Speed		Hour ended at	Speed	Day and Time				
		ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	knots	°	knots	day hr.	knots	day	h.m.				
SCOTLAND																						
0	Zetland	Lerwick	304	33	33	30	2	6	52	308	326	56	0	11.4	030	36	30	20	53	30	1910	
	Orkney	Kirkwall (Grimsetter)	134	50	33	30	8	10	113	303	267	53	0	12.9	340	41	30	18	60	30	1420	
	Caithness	Dounreay	110	39	30	30	4	6	45	290	401	0	4	11.1	330	35	30	17	59	30	1830	
	Ross & Cromarty	Stornoway (Coastguard)	120	40	36	16, 17	15	8	66	339	243	81	0	12.5	300	44	16	18	64	16	1705	
	Inverness	Benbecula	125	65	55	16, 17	25	4	28	266	325	100	0	10.4	250	49	16	10	74	16	0850	
			69	51	35	16, 17	28	9	42	472	170	32	0	14.4	280	57	16	08	87	16	0700	
1	Moray	Lossiemouth	100	80	66	16, 30	14	7	53	274	252	143	8	10.9	240	43	16	13	69	16	1515	
	Aberdeen	Dyce	225	40	40	-	0	6	64	215	273	192	0	9.3	290	32	30	19	50	30	2025	
	Angus	Bell Rock Lighthouse	128	131	124	16, 17, 30, 31	44	17	111	360	166	63	0	15.4	240	46	16	12	62	16	1140	
	Perth	Rannoch	1006	56	57	16	16	4	37	312	258	120	1	10.9	260	50	16	16	83	16	1510	
	Pife	Leuchars	78	40	40	16	8	3	31	266	371	68	0	10.2	240	43	16	13	65	16	1225	
	Midlothian	Edinburgh	485	39	23	-	0	3	31	223	343	127	20	9.2	240	32	16	14	55	16	1105	
6a	Argyll	Tiree	89	60	47	16, 17, 23	29	17	91	385	144	95	0	14.7	270	49	16	08	70	16	0730	
	Bute	Millport	50	34	34	16	2	5	40	117	308	277	0	7.2	260	34	16	14	60	16	1535	
	Renfrew	Paisley	188	81	31	-	0	2	11	126	404	203	0	6.9	260	29	16	13	64	16	1235	
		Renfrew	71	41	39	-	0	2	20	203	395	126	0	8.5	270	32	16	13	62	16	1200	
	Ayr	Prestwick Airport	35	33	33	-	0	4	38	239	390	77	0	9.8	270	33	16	12	55	16	1405	
	Dumfries	Eskdalemuir	825	50	35	-	0	3	16	223	336	169	0	8.2	250	29	16	12	59	16	1125	
	Wigtown	West Freugh	83	33	33	-	0	9	45	287	315	97	0	10.3	270	28	16	12	51	16	0415	
ENGLAND AND WALES																						
6b	Isle of Man	Point of Ayre	70	40	35	‡	-	0	12	90	425	172	57	0	13.6	220	32	16	05	56	16	0520
		Ronaldsway	119	64	39	-	0	4	26	275	302	141	0	9.3	250	28	16	13	57	16	1230	
2	Durham	Durham	389	53	33	-	0	8	50	284	291	119	0	10.2	350	25	31	10	49	16	1555	
		South Shields	73	57	44	-	0	2	7	274	326	137	0	8.8	260	25	23	13	45	16	1100	
	Lincoln	Cranwell	288	47	47	-	0	2	7	274	326	137	0	8.8	260	25	23	13	45	16	1100	
3	Norfolk	Gorleston	45	33	33	‡	-	0	1	1	197	394	152	0	7.8	280	22	19	14	38	19	1950
	Suffolk	Mildenhall	98	83	60	-	0	1	1	197	394	152	0	7.8	280	22	19	14	38	19	1950	
	Bedford	Caddington	226	133	133	19	1	11	82	416	162	83	0	13.3	260	34	19	14	49	19	1440	
	Hertford	Rothamsted	461	41	33	-	0	0	0	149	484	111	0	7.3	280	15	19	14	38	19	1350	
		Stanstead Abbots	138	41	40	‡	-	0	0	0	295	403	46	0	9.2	240	21	19	11	47	19	1245
	Essex	Coryton	66	57	48	-	0	0	0	144	493	107	0	7.5	(280)	17	16	13	46	16	1250	
		Shoeburyness	118	106	91	19, 21	6	7	51	421	240	26	0	12.8	200	40	19	08	55	19	0735	
4	Yorks., W.R.	Sheffield	533	83	35	-	0	0	0	144	493	107	0	7.5	(280)	17	16	13	46	16	1250	
	Warwick	Birmingham (Edgbaston)	643	118	73	-	0	0	0	214	446	84	0	8.5	310	21	19	13	38	19	1320	
	Stafford	Keele	706	50	40	-	0	0	0	137	409	198	0	7.0	260	19	16	15	42	19	1555	
	Gloucester	Avonmouth	92	61	33	-	0	9	64	290	194	138	58	10.9	250	31	19	16	45	19	1525	
5	London	Kingsway	208	143	41	-	0	0	0	237	440	67	0	8.9	270	21	19	15	42	19	1415	
	Middlesex	London (Heathrow) Airport	115	33	33	-	0	2	12	328	375	29	0	10.3	190	25	19	06	38	19	1405	
		Hampton	139	101	100	-	0	1	4	301	359	80	0	9.3	260	23	19	15	42	19	1425	
	Surrey	Kew Observatory	92	75	50	-	0	0	0	246	396	102	0	8.4	210	19	19	08	39	19	0315	
		London (Gatwick) Airport	232	38	33	-	0	2	13	211	395	125	0	8.3	220	26	19	05	47	21	0050	
	Kent	Isle of Grain	48	40	33	-	0	1	2	157	296	233	56	6.7	200	22	19	07	39	19	0740	
		Dungeness	70	50	33	‡	-	0	2	15	338	327	64	0	10.1	180	30	19	07	52	19	0950
	Sussex	Thorney Island	75	65	42	-	0	3	13	239	345	147	0	8.5	200	30	19	04	48	19	0150	
	Hampshire	Calshot	50	41	33	19	3	5	17	411	276	37	0	11.6	220	35	19	04	48	19	0430	
		S. Farnborough	318	69	35	-	0	1	6	237	350	151	0	8.5	260	25	19	11	45	19	0215	
	Berkshire	Abingdon	295	40	40	-	0	1	1	389	236	118	0	9.9	280	22	16	12	39	19	1415	
	Wiltshire	Larkhill	491	51	36	-	0	0	0	180	400	164	0	7.4	180	20	19	02	46	19	1525	
		Porton	406	44	44	-	0	3	17	250	321	156	0	8.8	220	27	19	06	40	19	0515	
7a	Cumberland	Carlisle	137	42	30	16	1	2	34	263	216	230	0	8.5	220	34	16	13	48	16	0540	
		Sellafield	83	39	35	-	0	2	2	234	408	100	0	8.7	220	24	16	06	36	16	0535	
		Spadeadam	959	51	40	-	0	7	34	280	333	97	0	10.0	240	30	16	14	56	17	1150	
	Westmorland	Moor House	1960	50	45	16	5	12	77	295	160	207	0	10.8	270	37	16	14	67	16	1340	
	Lancashire	Southport	59	41	33	16	3	10	92	292	233	124	0	11.8	270	35	16	15	50	16	2035	
		Liverpool Airport	84	41	33	-	0	4	23	366	304	51	0	11.0	290	27	16	11	43	16	1400	
	Cheshire	Bidston Observatory	262	64	39	-	0	5	69	230	314	115	16	-	260	29	23	09	54	16	0625	
		Manchester Airport	261	33	33	-	0	4	19	284	312	129	0	9.2	260	29	16	12	45	16	1140	
7b	Anglesey	Holyhead (Valley)	76	50	40	-	0	7	22	314	312	96	0	10.3	200	29	16	05	42	16	0535	
8a	Cardigan	Aberporth	483	41	41	19	3	9	55	446	168	72	0	12.8	330	36	19	07	55	19	0800	
	Pembroke	Milford Haven	246	50	35	‡	-	0	5	24	366	312	42	0	11.1	310	31	19	10	47	19	0940
	Glamorgan	Port Talbot	91	40	35	-	0	7	47	269	397	31	0	10.8	270	30	19	15	53	19	1230	
		Rhoose	257	37	32	-	0	7	47	269	397	31	0	9.5	-	37	18	23	49	18	2040	
8b	Devon	Plymouth	191	88	65	18	3	4	15	291	331	104	0	9.5	-	37	18	23	49	18	2040	
	Cornwall	St. Mary's, Scilly	230	65	57	18, 19	11	9	66	499	147	21	0	15.1	300	43	19	02	60	19	0300	
		The Lizard	315	75	60	18, 19	13	13	74	449	167	28	13	14.5	280	44	19	02	59	19	0345	
NORTHERN IRELAND																						
	Londonderry	Ballykelly	52	50	35	-	0	4	33	244	287	180	0	8.8	260	32	16	09	57	16	1030	
	Antrim	Aldergrove	281	65	55	-	0	4	28	248	358	110	0	9.4	280	32	16	12	57	16	0940	
		Nutts Corner	344	31	31	-	-	-	-	-	-	-	-	-	270	30	16	12	58	16	0945	
CHANNEL ISLES																						
		Jersey Airport	359	86	50	19	9	7	44	493	187	11	0	13.7	250	39	19	05	59	19	0405	

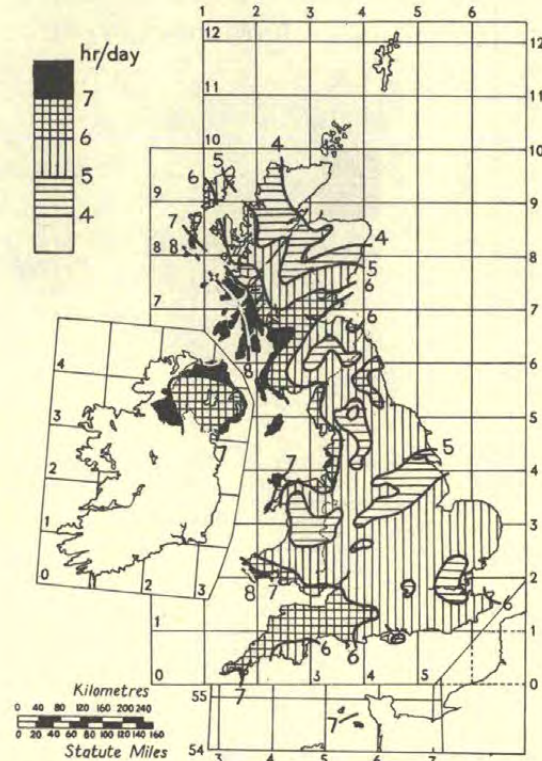


## MEAN PRESSURE AT 9 G.M.T.

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

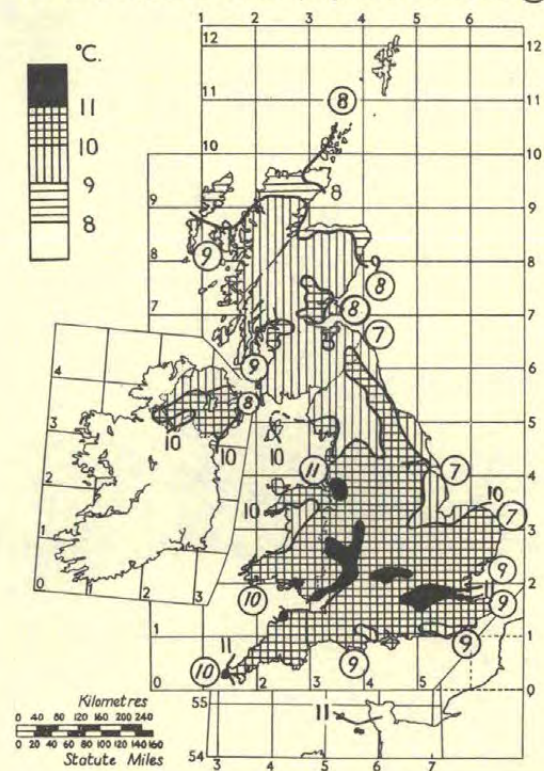


## BRIGHT SUNSHINE

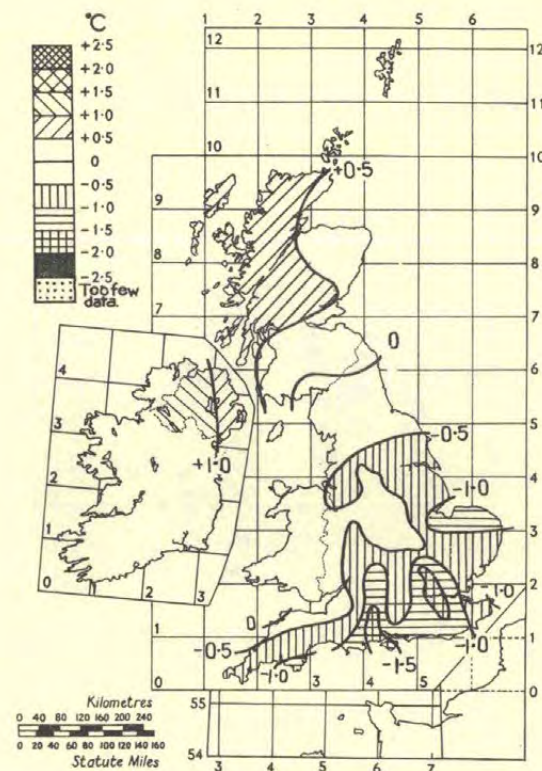


## MEAN AIR TEMPERATURE

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

MAY 1962

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

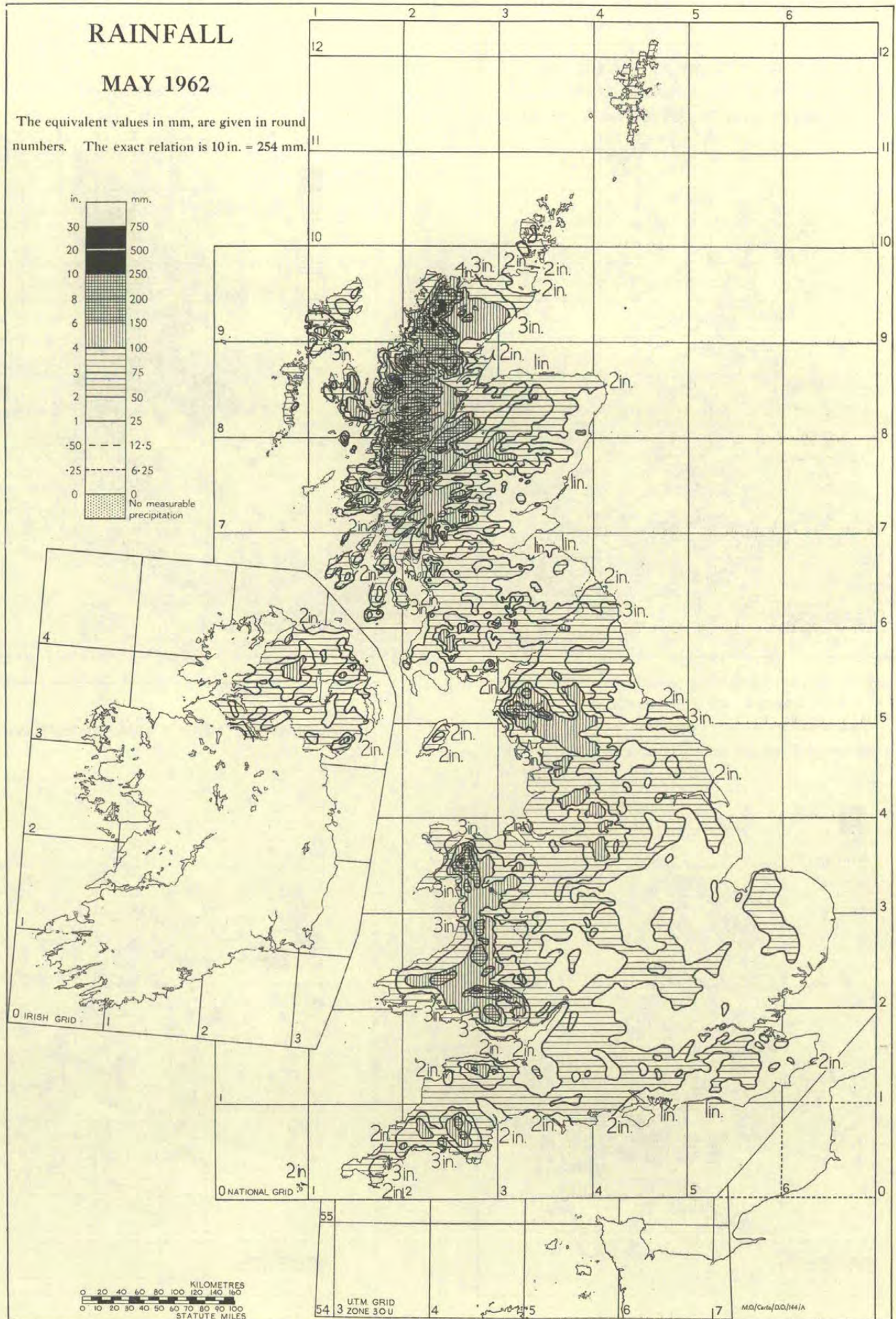
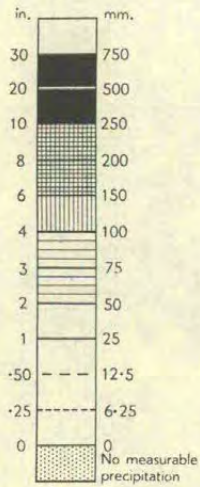




TABLE III — SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER MAY 1962

DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)		WEATHER Number of days										BRIGHT SUNSHINE					
			Means of		Mean Temperature Mean of A and B	Difference from Average	Highest Maximum and Lowest Minimum				TEMPERATURE		Total Fall	Per-centage of Average	Most in a day		Precip'n		Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. or less	Gale	Daily Mean	Per-centage of Average	
			A	B			Maximum	Date	Minimum	Date	1 ft.	4 ft.			Amount	Date	-0.1in. (0.2mm.) or more	-0.01in. (1.0mm.) or more												
			Max.	Min.			Max.	Min.	Max.	Min.	in.	%			in.															
G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.																		
0 SCOTLAND, N.																														
Zetland	Hamnavoe ...	99	70	9.9	5.7	7.8	-	12.8	9,10	2.2	31	-	-	2.83	-	.60	15	18	13	1	0	0	0	0	0	0	-	2	3.99	-
	Lerwick Obs'y. %	21-9	289	9.1	4.7	6.9	-0.7	11.2	20	0.2	6	-	-	2.20	100	.43	21	18	12	2	0	0	3	0	3	0	4	1	3.54	68
	Baltasound ...	99	78	9.6	4.8	7.2	-	12.2	10	0.6	31	7.1	-	2.84	119	.71	21	18	15	3	0	0	0	0	1	0	-	0	3.81	-
Orkney	Sule Skerry ...	99	43	9.6	6.4	8.0	-	11.5	27	3.0	31	-	-	1.73	-	.37	21	18	12	1	0	0	0	0	1	0	1	-	-	-
	Stenness ...	99	75	10.5	5.5	8.0	-	14.4	8	0.6	27	8.3	-	3.01	-	.44	16	23	15	1	0	0	0	0	1	0	3	1	3.17	-
	Costa ...	99	115	10.2	5.5	7.9	-	12.8	20	1.7	30	-	-	2.09	-	.27	15.27	27	12	1	0	0	1	0	2	0	2	2	3.75	-
Caithness	Kirkwall (Grimsetter)	21-9	84	9.8	5.4	7.6	-	13.4	8	-0.1	30	-	-	2.29	119	.29	16	22	14	2	0	5	0	0	1	1	2	1	3.35	-
	Downreay ...	99	70	10.3	5.1	7.7	-	14.4	8	-1.7	26	-	-	2.13	-	.32	16	19	14	0	0	0	0	0	1	1	7	2	-	-
	Wick ... %	21-9	119	10.2	4.8	7.5	-0.6	13.5	14	-0.6	30	-	-	2.00	110	.33	20	21	11	0	0	1	0	0	2	1	5	1	3.68	66
Sutherland	Cape Wrath ...	21-9	367	8.9	5.9	7.4	-	13.0	6,8	3.5	31	-	-	2.47	95	.49	16	19	14	0	0	0	0	0	2	0	0	0	-	-
	Lairg (Achany) ...	99	280	12.8	4.6	8.7	-	16.7	6	-2.2	30	10.1	7.5	5.43	256	2.30	16	21	15	0	0	0	0	2	0	2	10	0	-	-
	Strathay ...	99	120	10.9	4.7	7.8	-	15.6	7	-0.6	1,27	-	-	2.65	121	.54	16	23	15	4	0	0	4	0	0	2	-	0	3.12	-
Ross & Cromarty	Stornoway %	21-9	11	11.5	5.7	8.6	-0.4	18.5	6	0.1	30	-	-	2.87	125	1.06	16	18	14	0	0	0	4	0	0	0	3	2	4.89	80
	Balmacara ...	99	2	13.6	6.1	9.9	-	16.7	11	1.7	30	-	-	-	-	1.27	15	20	14	-	-	-	-	-	-	-	-	-	-	-
	Poolewe ...	99	20	12.3	6.0	9.1	-	16.7	7	2.2	27.30	-	-	3.84	-	1.19	16	18	18	0	-	1	0	0	0	0	4	3	5.32	-
	Achnashellach ...	99	220	12.8	4.9	8.9	-0.8	16.7	2,5,8	-1.7	30	-	-	6.86	180	1.95	16	20	17	-	-	-	-	-	-	-	-	-	-	-
	Kinlochewe ...	99	76	13.4	5.6	9.5	-	17.2	6,7,11	-1.1	30	9.7	-	7.36	-	3.23	16	18	15	1	0	0	0	0	3	1	10	2	3.95	-
	Garve (Blackbridge) ...	99	690	12.5	3.7	8.1	-	17.2	6	-3.3	30	-	-	4.18	-	1.38	17	19	13	-	-	-	-	-	0	3	11	-	4.26	-
	Fortrose ... %	99	15	11.4	6.6	9.0	0.0	15.0	14	2.8	16	-	-	3.38	176	1.06	9	16	13	1	0	0	0	0	0	0	-	1	4.68	85
	Tarbatness ...	21-9	60	10.8	6.9	8.9	-	14.0	14	5.0	25	-	-	2.00	-	.41	16	16	11	0	0	0	0	0	0	0	-	1	-	-
Inverness	Benbecula ...	21-9	19	12.0	6.1	9.1	-	15.0	8	2.5	30	-	-	2.43	89	.79	15	17	10	0	0	1	0	0	0	0	7	2	6.88	-
	Isle of Rhum ...	99	15	13.4	5.2	9.3	-	16.7	7,8	0.0	30	11.8	9.3	4.41	-	2.00	15	17	14	0	0	0	1	0	0	1	11	2	-	-
	Prabost ...	99	220	12.1	5.1	8.6	-	16.1	1	1.1	30	-	-	4.15	-	1.17	16	20	16	0	0	0	3	1	0	0	12	1	5.46	-
	Duntulm ...	99	294	10.9	5.7	8.3	-	14.4	8	2.2	30	-	-	2.30	80	.57	16	19	17	0	2	0	0	0	1	0	1	1	5.79	-
	Onich ... %	99	48	13.2	5.0	9.1	-1.1	16.7	11	0.6	19.31	-	-	4.63	114	.90	15	18	16	0	0	0	0	0	1	0	17	1	5.85	112
	Fort William (Camaghael) ...	99	27	13.7	5.6	9.7	-	17.2	1,2,11	0.6	19	10.7	9.6	3.96	-	.80	15	16	14	2	0	0	2	0	0	0	4	0	5.55	-
	Fort Augustus ...	99	70	12.8	5.3	9.1	-0.3	17.8	6,8	0.6	30	-	-	4.37	-	1.30	16	18	11	0	0	0	0	1	1	0	-	1	5.45	-
	Cannich ...	99	350	13.4	3.7	8.5	-	17.8	6	-1.7	1,30	-	-	4.95	216	1.55	16	18	16	0	0	0	0	0	5	15	0	-	-	-
	Dalwhinnie ...	18-9	1176	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Inverness ...	99	13	12.8	6.1	9.5	-	17.2	6	3.9	1,19,31	-	-	4.68	-	1.51	9	15	14	0	0	0	0	1	0	0	0	4	4.89	-
	Achnagoichan ...	99	1000	12.2	3.1	7.7	-	18.9	6	-2.8	19	7.6	-	2.77	-	(.40)	9	19	16	-	-	-	-	-	-	3	12	-	-	-
	Glenmore Lodge ...	99	1120	11.2	2.7	6.9	-	18.3	6	-6.1	19	-	-	3.41	-	.48	10	22	17	3	0	1	0	0	0	4	9	1	3.82	-
1 SCOTLAND, E.																														
Nairn	Nairn ... %	99	20	12.2	5.7	8.9	-0.4	16.1	14	1.1	19	-	-	2.78	141	.96	9	19	12	0	0	0	0	0	0	4	2	4.89	91	-
Moray	Grantown-on-Spey ...	99	720	13.2	2.6	7.9	-	19.4	6	-4.4	18	-	-	2.16	-	.36	9	20	15	-	0	-	-	-	0	6	-	-	-	-
	Forres ...	99	155	12.1	5.4	8.7	-	17.2	8	0.6	30	10.7	8.5	2.50	132	.50	9	17	12	0	0	0	0	1	0	0	1	1	3.65	-
	Kinloss ...	21-9	15	12.1	5.7	8.9	-	16.9	8	0.5	30	9.7	-	2.28	-	.42	22	18	11	1	0	0	1	1	0	0	5	2	3.94	-
	Elgin ...	99	92	12.2	5.9	9.1	-	16.7	8	1.7	19.30	-	-	2.30	-	.51	22	19	14	0	0	0	0	0	0	2	0	4.33	-	
	Lossiemouth ...	99	21	11.3	5.7	8.5	-	15.6	8	-0.6	19	-	-	2.10	-	.85	22	15	10	0	0	2	0	0	1	1	4	1	-	-
	Gordon Castle ...	99	104	12.2	5.1	8.7	-1.1	16.7	8	0.6	19.30	-	-	2.97	142	.65	9	19	12	0	0	1	0	3	-	0	-	3	3.96	71
Banff	Banff (Coastguard) ...	99	80	11.8	6.1	8.9	-	16.7	8	2.2	30	-	-	2.44	-	.34	27	22	18	0	2	0	0	0	1	0	-	2	3.34	-
Aberdeen	Braemar ...	99	1113	12.3	2.5	7.4	-0.5	18.3	6	-2.8	6,30	-	-	2.76	106	.65	9	19	16	-	0	-	-	-	0	5	-	4	4.94	-
	Balmoral ...	99	927	11.8	3.3	7.5	-0.4	18.9	6	-3.3	19	-	-	2.69	109	.69	9	23	16	1	0	0	0	0	-	4	7	1	-	-
	Logie Coldstone ...	99	608	12.7	3.3	8.0	-0.7	20.0	6	-3.9	19	-	-	1.59	-	.26	10	18	11	-	0	-	-	-	7	-	-	-	-	-
	Huntly ...	99	405	11.9	4.9	8.4	-	18.2	6	-0.2	19	-	-	3.26	-	.52	7	24	17	0	2	0	2	0	1	3	1	-	-	-
	Fyvie Castle ...	99	218	11.9	5.3	8.6	-	17.2	6,8	-1.1	19	-	-	2.14	-	.31	8	18	15	-	0	-	-	-	-	1	5	-	3.38	-
	Craibstone %	99	300	11.8	5.1	8.5	-0.2	18.9	6	1.1	19	8.9	7.4	1.83	88	.45	28	20	9	0	0	1	0	2	1	0	3	5	4.38	76
	Dyce ...	21-9	190	12.2	4.8	8.5	-	18.6	6	-0.9	19	-	-	1.67	60	.40	28	14	9	1	0	0	2	2	1	1	5	2</		



TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER MAY 1962

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)		WEATHER Number of days										BRIGHT SUNSHINE				
				Means of		Difference from Average	Highest Maximum and Lowest Minimum				Total Fall			Percentage of Average	Most in a day	Precip'n	Snow or Sleet	Snow lying at 9h.	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. O.C. or less	Gale	Daily Mean	Percentage of Average				
				A	B		Maximum	Date	Minimum	Date		1 ft.	4 ft.														Amount	Date	-0.01 in. (0.2mm.) or more	-0.01 in. (0.2mm.) or more
				Max.	Min.		°C.	°C.	°C.	°C.		°C.	°C.														°C.	°C.	in.	%
1 SCOTLAND, E.—cont.																														
Midlothian	Balerno ...	99	700	12.9	4.3	8.6	-	17.8	6	0.6	13.24	-	-	2.27	-	.29	28	15	14	-	-	-	-	-	-	-	-	4.74	-	
	Midcalder ...	99	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Turnhouse ...	21-9	114	13.7	5.4	9.5	-	19.1	6	0.6	13	-	-	1.05	49	.32	10	14	7	0	0	0	0	0	7	2	5.92	-		
	Edinburgh—																													
	East Craigs ...	99	200	13.4	5.4	9.4	-	17.8	6	-1.1	13	-	-	1.30	-	.37	10	13	8	1	0	1	0	1	9	2	6.15	-		
	Davidson's Mains	99	200	13.9	5.9	9.9	-	18.9	6	3.3	13.24, 3	10.8	-	1.03	-	.22	28	13	8	0	0	0	0	0	0	1	1	5.65	-	
	Penicuik ...	99	620	12.9	4.7	8.8	-	18.3	6	0.6	3	10.9	-	2.25	-	.66	6	17	13	0	0	0	0	0	3	1	5.58	-		
	Bush House ...	99	605	12.7	4.7	8.7	-	17.8	6	0.6	3	9.7	7.8	3.14	-	.95	11	16	15	1	0	1	0	0	6	0	5.37	-		
	Edinburgh—																													
E. Lothian	Blackford Hill¶§	99	441	13.8	5.9	9.9	+0.4	18.9	6	2.8	31	-	-	1.55	70	.29	10	16	11	0	0	0	0	0	0	1	5.55	100		
	Liberton ...	99	200	-	-	-	-	-	-	-	-	-	-	1.50	-	.20	28	14	12	-	-	-	-	-	-	-	-	-	-	
	Botanic Garden	99	74	13.1	6.1	9.6	-	17.2	6.8	3.3	13.24	11.1	-	1.10	-	.25	10	13	8	0	0	0	0	0	1	0	6	5.78	-	
	Haddington ...	99	162	13.5	6.0	9.7	-	18.3	6	2.2	24	-	-	.98	-	.17	10.28	15	8	0	0	1	0	1	0	0	1	5.32	-	
	North Berwick ...	99	51	13.5	6.1	9.8	+0.1	18.9	7	4.4	1.18, 27	-	-	.92	44	.28	28	16	10	0	0	0	0	0	0	1	4.92	86		
	Dunbar ...	99	75	12.4	6.6	9.5	-	17.8	8	3.9	24	-	-	1.05	-	.24	28	12	9	0	0	0	0	0	0	0	0	5.98	-	
	Lauder ...	99	600	13.2	4.2	8.7	-	17.8	6	-0.6	13.28	-	-	1.36	-	.19	10	16	10	1	0	0	0	0	3	11	0	5.90	-	
	Marchmont ¶§	99	498	12.8	5.0	8.9	-0.4	18.3	6	1.7	28	-	-	1.80	81	.29	18	19	11	0	0	0	0	0	0	3	6.12	113		
	St. Abb's Head ...	99	245	11.1	6.5	8.8	-	18.0	8	4.0	3.26, 28	-	-	1.47	-	.35	28	15	8	0	0	0	0	0	0	2	-	-		
Peebles	Broughton ...	99	741	12.5	3.9	8.2	-	17.8	1	-1.7	13	-	-	2.38	-	.46	15	18	12	0	0	0	0	0	2	10	1	-	-	
	Blyth Bridge ...	99	830	12.3	4.2	8.3	-	17.2	1	-0.6	13	-	-	1.43	-	.30	15	14	9	0	0	0	2	2	1	11	1	4.70	-	
	West Linton ...	99	800	12.5	3.9	8.2	-	17.2	6	-1.1	13	10.1	8.3	1.80	-	.27	16	19	10	0	1	0	0	0	1	5	0	-	-	
	Peebles ...	99	645	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Selkirk	Peebles (Glenfress)	99	580	13.4	4.3	8.9	-	18.3	1, 2, 6	-1.1	28	-	-	1.90	-	.29	11	15	12	0	0	0	0	0	1	0	-	-	-	
	Selkirk (Bowhill)	99	600	13.1	4.3	8.7	-	18.3	1	-1.1	1	-	-	1.84	-	.33	18	18	13	0	1	0	0	0	2	1	-	-		
Roxburgh	Hawick (Wauchope)	99	560	13.3	4.3	8.8	-	18.3	6	-1.7	28	-	-	2.43	-	.39	19	15	12	-	0	-	-	-	0	2	-	-	-	
	Sourhope ...	99	900	12.2	4.2	8.2	-	17.2	6	0.0	28	-	-	3.72	-	.66	19	22	15	2	0	0	0	0	0	1	11	0	4.40	-
6a SCOTLAND, W.																														
Argyll	Tiree ... ¶§	21-9	29	12.3	6.0	9.1	-0.6	14.1	6	2.1	5	-	-	1.84	72	.56	15.20	14	8	0	0	0	1	0	0	0	10	2	8.64	116
	Rhuvaal ...	21-9	65	12.1	6.9	9.5	-	15.6	8	4.1	31	-	-	2.13	-	.60	15	15	12	0	1	0	0	0	0	0	3	-	-	
	Colonsay ...	99	87	13.2	6.3	9.7	-	16.1	8	3.3	26	-	-	2.10	70	.68	20	17	10	-	1	0	0	2	0	-	3	-	-	
	Campbeltown ...	99	10	12.7	5.3	9.0	-	15.6	3	2.8	28	-	-	1.60	-	.37	15.20	10	6	-	-	-	-	-	-	-	8.12	-		
	Tarbert (Achlaglachgach)	99	40	14.2	3.9	9.1	-	16.7	3, 11	-1.1	25	-	-	3.40	-	.70	20, 22	20	16	0	4	0	1	0	4	15	0	-	-	
	Oban ...	99	229	13.3	5.9	9.6	-	19.4	5	2.8	19	-	-	2.37	74	.73	15	18	13	0	0	0	0	0	6	7	1	6.99	113	
	Lepinmore ...	99	30	14.6	5.1	9.9	-	18.3	1	0.6	25, 26	-	-	2.60	-	.64	15	17	13	0	1	0	0	0	0	6	0	-	-	
	Glenbranter ...	99	120	13.9	4.2	9.1	-0.9	18.2	1	-1.7	31	-	-	3.47	71	1.05	15	19	14	-	-	-	-	0	3	7	-	-		
	Benmore (Forestry Sch.)	99	46	14.6	4.7	9.7	-	18.9	1	-1.1	25, 26, 31	10.6	9.1	3.73	77	1.02	15	18	15	0	0	0	0	0	3	11	0	-	-	
	Benmore																													
Bute	(Younger Bot. Gdn.)	99	40	14.7	5.2	9.9	-	19.4	1	-0.6	31	-	-	3.52	-	.95	15	19	11	0	0	0	1	0	0	3	10	0	-	-
	Rothsay ¶§	99	150	13.8	6.1	9.9	-0.2	17.8	1	1.7	25	10.7	8.9	2.37	68	.62	15	16	13	0	0	0	0	0	0	5	2	7.31	122	
Dunbarton	Millport ...	99	16	13.4	6.2	9.8	-	16.1	12	2.8	31	-	-	2.76	97	.60	15	16	11	0	1	0	0	0	0	0	2	-	-	
	Helensburgh ...	99	293	14.6	5.1	9.9	-0.2	18.9	1	0.0	26	-	-	2.57	72	.60	15	19	13	0	0	0	0	0	1	0	-	-	-	
Stirling	Cumbernauld ...	99	310	14.7	4.6	9.7	-	18.3	1	0.0	25	-	-	2.31	-	.35	15	16	14	0	0	0	0	1	0	1	8	2	-	
	Stirling ...	99	151	13.3	6.2	9.7	-0.7	16.1	5	3.3	24	12.4	7.9	2.11	81	.35	15	15	12	0	0	0	0	0	0	0	1	5.95	-	
Renfrew	Falkirk ...	99	100	14.5	5.5	10.0	-	18.3	6	(1.1)	25	-	-	1.89	-	.27	10	16	14	-	-	-	-	-	-	-	-	-	-	
	Greenock ...	99	200	14.2	6.4	10.3	-0.3	18.9	1	2.8	31	-	-	2.65	74	.79	15	17	10	0	0	0	0	0	0	5	0	6.76	-	
Lanark	Paisley ...	99	106	15.8	7.0	11.4	+0.5	21.1	1	-1.1	26	11.3	9.0	2.46	88	.49	15	13	12	0	3	0	0	0	2	7	1	6.41	115	
	Barrhead ...	99	97	14.2	5.3	9.7	-	19.4	1	-0.6	26	-	-	2.61	-	.54	15	14	11	0	1	0	0	0	0	2	6	1	-	
Ayr	Renfrew ... ¶§	21-9	28	15.0	5.8	10.4	+0.2	20.5	1	0.2	26	-	-	2.11	80	.39	7	13	11	0	0	1	0	0	0	5	1	6.56	118	
	Thorntonhall ...	99	453	13.5	4.5	9.0	-	18.3	1	-0.6	25, 26	-	-	2.52	-	.68	15	14	12	0	0	0	0	0	2	15	0	-	-	
Dumfries	Glasgow, Spr. Pk.	99	351	14.6	5.5	10.1	-	20.0	1	1.7	25, 26	-	-	2.33	88	.39	10	14	12	2	0	1	0	0	0	8	1	6.24	-	
	Coatbridge ...	99	258	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Coalburn (Midtown)	99	707	12.8	3.7	8.3	-	18.9	1	-1.6	13	10.0	-	2.52	-	.52	16	19	14	0	0	2	0	0	0	4	13	0	5.66	-
	Lowther Hill ...	-	2377	8.1	1.1	4.6	-	12.0	1																					



TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER MAY 1962

DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)		WEATHER Number of days												BRIGHT SUNSHINE				
			Means of		Difference from Average	Highest Maximum and Lowest Minimum						Total Fall	Percentage of Average	Most in a day	Precip'n		Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. O°C or less	Gale	Daily Mean	Percentage of Average				
			A	B		Maximum	Date	Minimum	Date	1 ft.	4 ft.				Amount	Date												-0.1in.(0.2mm.) or more	-0.01in.(1.0mm.) or more		
			Max.	Min.		Max.	Min.	Max.	Min.	Max.	Min.				Max.	Min.												Max.	Min.	Max.	Min.
2 ENGLAND, N.E.—cont.																															
Northumbria	Haydon Bridge ...	9 9	270	13.7	4.9	9.3	-	17.2	1,4,7	0.6	1	-	-	2.57	-	.60	18	18	14	0	0	0	0	0	1	0	4	0	6.09	-	
	cont. Berwick-on-Tweed	9 9	76	12.5	6.2	9.3	+0.3	17.2	8,9	3.9	24,28	-	-	1.63	93	.35	9	19	11	0	0	0	1	0	0	2	2	5.57	97		
	Ponteland ...	9 9	220	13.9	5.4	9.7	-	18.9	6	-0.6	1	-	-	2.65	-	.49	8	20	11	0	0	0	1	0	1	7	0	-	-		
	Cockle Park ...	9 9	326	12.7	5.4	9.1	-0.1	18.9	6	1.1	3,28	9.5	-	2.61	119	.73	18	16	12	0	0	0	1	0	0	3	2	5.66	103		
	Acklington ...	21-9	138	12.7	5.5	9.1	-	19.3	6	-0.3	3	-	-	2.47	-	.68	18	18	12	0	0	0	1	0	1	6	1	6.06	-		
	Tynemouth ...	21-9	95	11.6	6.8	9.2	-0.3	17.5	7	3.6	1	-	-	2.35	118	.55	18	13	11	0	0	0	3	0	0	1	2	5.62	-		
	Chopwellwood ...	9 9	446	13.3	5.0	9.1	-0.6	18.9	7	0.0	1	-	-	3.29	153	.59	19	17	12	0	0	0	1	0	1	7	0	-	-		
	Ushaw College ...	9 9	594	13.0	5.1	9.1	-0.6	18.9	6	0.6	1	-	-	2.42	109	.53	18	17	12	0	0	0	1	0	3	0	-	-	-	-	
	Houghall ...	9 9	123	14.2	5.2	9.7	-0.2	20.0	6	-2.2	1	-	-	2.14	131	.46	18	16	12	0	0	0	0	0	2	3	0	5.78	110		
	Durham	9 9	336	13.8	5.4	9.6	-0.2	19.4	6	-0.6	1	10.5	8.4	2.32	114	.47	18	16	13	-	-	-	-	-	1	6	-	5.74	109		
Yorkshire	Gateshead ...	9 9	509	12.7	6.0	9.3	-	17.8	6	1.7	3	-	-	2.23	-	.50	13	17	13	-	-	-	-	-	1	0	-	5.80	-		
	Middleton St. Gge.	21-9	115	13.7	6.2	9.9	-	18.8	6	-0.8	1	-	-	1.70	-	.61	18	15	10	0	0	0	2	0	1	3	0	5.98	-		
	West Hartlepool	9 9	30	13.2	6.7	9.9	-	19.4	6	1.1	1	-	-	1.65	-	.60	18	18	9	0	0	0	1	1	0	2	0	5.70	-		
	Dishforth ...	21-9	105	14.0	6.4	10.2	-	18.5	8	0.0	1	-	-	1.97	103	.45	19	12	10	0	0	0	1	0	4	1	3	0	5.88	-	
	York ...	9 9	57	14.3	6.7	10.5	-0.8	18.9	6,7	1.1	1	10.7	9.1	2.45	124	.59	18	14	10	0	0	0	3	1	0	-	0	5.46	97		
	Ampleforth ...	9 9	313	13.2	5.7	9.5	-0.8	16.7	6	0.6	1	-	-	2.18	100	.73	19	15	12	-	-	-	-	0	4	1	0	5	2	-	-
	Redcar ...	9 9	25	13.5	6.3	9.9	-	19.4	7	0.0	1	-	-	1.59	87	.36	18	20	12	-	-	-	-	-	0	1	-	5.28	-		
	Whitby ...	9 9	135	12.8	6.4	9.6	-	18.9	6	0.0	3	-	-	2.15	113	.51	19	15	13	0	0	0	2	0	1	-	0	5.25	-		
	Scarborough ...	9 9	118	13.1	6.8	9.9	-0.6	18.3	6,7	3.3	30	-	-	2.64	143	.70	10	21	13	0	0	0	1	0	3	1	0	0	5.49	98	
	Silpho Moor ...	9 9	665	11.9	4.8	8.3	-	18.3	6	0.0	3	8.6	-	3.19	-	.44	18,20	23	18	0	0	0	1	3	5	1	4	0	5.66	-	
Fylingdales Moor	9 9	805	11.7	4.4	8.1	-	16.7	6	0.6	3,30	-	-	3.33	-	.54	18	24	19	0	0	0	1	0	4	0	-	4	-	-	-	
Yorkshire	High Mowthorpe	9 9	574	12.1	5.1	8.6	-	16.7	6,8	0.0	30	9.4	-	2.95	-	.46	18,19	12	1	0	2	0	0	1	5	1	5	1	4.95	-	
	Hull ...	9 9	8	14.0	6.5	10.3	-0.9	18.9	7,8	1.1	30	10.6	8.0	2.34	121	.41	7	14	12	0	0	0	5	0	0	3	0	4.85	88		
	Leconfield ...	21-9	24	13.5	6.3	9.9	-	16.3	7	0.1	3	-	-	2.70	-	.49	16	17	12	0	0	0	1	6	1	0	3	1	5.06	-	
	Filey ...	9 9	122	12.3	6.0	9.1	-	17.8	6,7	0.6	30	-	-	2.02	-	.37	18	16	10	0	0	0	1	5	1	0	1	0	5.31	-	
	Bridlington ...	9 9	157	12.1	5.8	8.9	-	18.3	7	1.1	3,30	-	-	2.34	-	.42	21	21	12	0	0	0	1	5	2	0	2	7	5.54	-	
	Spurn Head ...	21-9	29	12.2	6.8	9.5	-0.9	16.8	8	4.0	3	-	-	1.76	-	.36	15	17	9	0	0	0	2	1	0	-	0	4.67	76		
	Gainsborough ...	9 9	110	14.1	6.4	9.7	-	18.9	6,8	0.0	30	-	-	1.97	-	.30	7	17	10	0	0	0	1	0	1	-	0	-	-	-	
	Waddington ...	21-9	224	13.5	5.9	9.7	-	19.0	8	0.5	3	-	-	1.69	-	.54	10	16	10	0	0	0	1	2	1	0	3	0	4.90	-	
	Lincoln ...	9 9	22	14.1	5.1	9.6	-	18.9	6	-3.3	30	10.0	8.6	1.65	-	.28	18	19	13	0	0	0	1	1	1	4	7	0	4.45	-	
	Cranwell ...	9 9	205	13.8	5.7	9.7	-1.2	19.1	6,8	0.8	30	11.1	10.8	1.42	72	.26	18	18	11	0	0	0	1	2	1	0	5	0	4.93	79 S	
Clethorpes ...	9 9	23	13.6	6.5	10.1	-0.5	19.4	7,8,9	2.2	30,31	-	-	1.47	79	.29	18	10	8	-	-	-	-	0	0	2	-	4.69	78			
Manby ...	21-9	55	13.2	5.5	9.3	-	18.9	8	-0.8	1	-	-	2.09	-	.59	19	18	12	0	0	0	1	1	0	2	3	0	5.01	-		
Skegness ...	9 9	15	13.2	6.3	9.7	-0.7	20.0	7	1.7	30	-	-	1.54	93	.27	20	19	13	0	0	0	1	0	1	0	1	0	5.06	79		
3 ENGLAND, E.																															
Norfolk	Terrington	9 9	13	13.9	6.0	9.9	-	19.4	8	-0.6	3	10.1	-	2.16	138	.77	8	17	13	0	0	0	1	0	2	0	2	3	0	5.29	-
	St. Clement ...	9 9	76	13.9	5.9	9.9	-	18.9	6	0.2	3	-	-	2.04	-	.33	8	23	13	0	0	0	4	0	0	4	0	-	-	-	-
	Marham ...	21-9	76	13.9	5.9	9.9	-	18.9	6	0.2	3	-	-	2.04	-	.33	8	23	13	0	0	0	4	0	0	4	0	-	-	-	-
	Santon Downham	9 9	80	15.0	4.6	9.8	-	20.0	7,8	-5.6	1	9.7	8.4	2.25	-	.55	21	20	14	-	-	-	-	1	5	10	-	-	-	-	-
	West Raynham ...	21-9	250	12.1	5.9	9.5	-	18.8	8	-0.1	3	-	-	2.50	-	.33	8	23	15	0	0	0	3	1	3	0	1	4	0	5.27	-
	Cromer ...	9 9	178	12.9	6.3	9.6	-1.3	20.0	7	2.2	3	-	-	1.74	102	.21	19	24	15	-	-	-	-	-	0	0	2	-	5.60	92	
	Sprowston ...	9 9	93	13.6	6.2	9.9	-1.2	20.0	7	0.6	3,30	9.9	-	1.68	94	.33	21	19	13	0	0	0	2	0	0	5	0	5.13	78 S		
	Burlingham ...	9 9	89	13.7	6.3	10.0	-	20.0	7	0.6	3	-	-	1.17	69	.24	7	19	12	0	0	0	1	2	0	0	3	0	5.66	-	
	Gorleston ...	21-9	12	13.0	7.2	10.1	-0.7	16.8	7	2.9	3	11.2	9.8	1.42	94	.26	21	20	14	0	0	0	2	1	0	1	2	5.35	80		
	Mildenhall ...	21-9	15	14.6	6.6	10.6	-	19.2	8	-1.4	1	-	-	2.05	127	.57	21	19	14	0	0	0	1	5	0	1	4	0	5.54	-	
Suffolk	East Bergholt ...	9 9	14	14.8	5.9	10.3	-	18.9	6,7,8	-1.7	1	-	-	1.51	-	.22	10	21	12	0	0	0	3	3	5	0	-	-	-	-	-
	Wattisham ...	21-9	292	13.4	5.6	9.5	-	18.4	7	0.1	1	-	-	1.94	-	.44	11	21	15	0	0	0	1	0	6	0	0	4	0	-	-
	Lowestoft ...	9 9	82	13.6	6.6	10.1	-0.7	19.4	7	1.7	3,30	11.0	9.6	1.57	105	.41	21	19	11	0	0	0	2	0	0	1	0	5.53	81		
	Boxworth ...	9 9	157	14.3	6.0	10.1	-	18.9	6	-1.1	1	-	-	2.27	128	.29	24	18	12	0	0	0	1	4	1	2	6	0	4.97	-	
	Cambridge Bot. Gdn.	9 9	41	15.1	6.6	10.9	-0.8	19.4	6,7,8	-1.7	1	11.6	10.2	1.96	109	.35	24	19	14	0	0	0	1	4	0	2	6	-	-	-	-
	Cambridge N.I.A.B.	9 9	85	14.4	6.6	10.5	-	20.0	8	-0.6	1	-	-	1.81	101	.29	21	16	12	0	0	0	3	4	1	1	2	0	5.16	84	
	Wyton ...	21-9	129	14.4																											



TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER MAY 1962

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)			WEATHER Number of days										BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
				Means of		Difference from Average	Highest Maximum and Lowest Minimum				Total Fall			Percentage of Average	Most in a day	Precip'n			Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. O C or less	Gale	Daily Mean	Percentage of Average																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
				A Max.	B Min.		Maximum	Date	Minimum	Date	1 ft.	4 ft.	Amount			Date	-0.1in. (0.2mm.) or more	-0.01in. (1.0mm.) or more																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
				Max. Min.	ft.		°C.	°C.	°C.	°C.	°C.	°C.	°C.			°C.	in.	%												in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.



TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER MAY 1962

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)			WEATHER Number of days										BRIGHT SUNSHINE			
				Means of		Mean Temperature of A and B	Difference from Average	Highest Maximum and Lowest Minimum						Total Fall	Per-centage of Average	Most in a day	Precip'n		Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. O.C. or less	Gale	Daily Mean	Per-centage of Average	
				A Max.	B Min.			Maximum	Date	Minimum	Date	1 ft.	4 ft.				0.01 in. (0.2mm.) or more	0.01 in. (0.2mm.) or more												
				Max. Min.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.	Date											hr	%
5 Surrey —cont.	ENGLAND, S.E.—cont.		9 9	179	14.2	5.6	9.9	-	17.2	4	-2.2	1,2,3	-	2.03	106	.45	20	16	9	0	0	1	0	3	0	3	6	0	-	-
	Mickleham ...	21-9	18	14.3	8.1	11.2	-1.3	17.6	4	3.1	2	11.3	10.3	1.56	86	.41	4	14	9	0	0	1	0	4	0	0	3	0	5.13	81
Kent	London (Gatwick) §	21-9	192	14.3	5.3	9.8	-	18.1	4	-3.1	1	-	1.92	-	.65	27	14	9	0	0	1	0	3	0	2	9	0	5.24	-	
	Airport	9 9	220	14.5	6.7	10.6	-1.5	17.8	8	-0.6	1	-	1.99	105	.48	10	13	9	-	-	-	-	-	-	-	-	-	-	-	
	Croydon (Waddon)	9 9	474	13.8	6.7	10.3	-1.2	17.2	4,8	0.6	1	-	2.16	107	.41	20	17	10	-	-	-	-	-	-	-	-	-	-	-	
	Addington ...	9 9	213	14.9	7.1	11.0	-1.3	18.3	8	0.0	1	-	2.26	122	.67	4	15	10	-	0	-	-	-	-	-	-	-	-	-	
	Bromley ...	9 9	177	15.0	6.1	10.5	-	18.9	8	-2.2	1	11.1	-	2.17	-	.40	10	16	10	0	0	0	0	3	0	2	5	0	4.61	-
	Swanley ...	9 9	17	14.9	6.9	10.9	-	18.3	7,8	-1.7	1	-	1.73	106	.37	4	16	10	0	0	0	0	2	0	1	-	0	-	-	
	Dartford ...	9 9	351	13.7	5.1	9.4	-2.3	17.2	4	-1.7	1,2	11.4	10.5	2.53	122	.48	26	19	13	0	0	1	0	3	0	2	2	0	5.15	76
	Tunbridge Wells	9 9	280	13.9	5.2	9.5	-	17.2	8	-3.3	1	-	2.10	100	.43	26	19	13	0	0	1	0	4	0	2	4	0	-	-	
	Goudhurst ...	9 9	122	14.7	5.8	10.3	-1.1	19.4	4	-1.7	1	-	9.3	1.63	85	.36	26	18	10	0	0	1	1	5	0	2	4	0	5.03	78
	East Malling §	9 9	195																											
	Benenden ...	9 9	14	15.1	7.1	11.1	-	18.9	7,8	0.6	1,2	-	2.16	-	.49	26	15	11	0	0	0	0	0	1	0	-	0	4.43	-	
	Gillingham ...	9 9	224	14.2	6.2	10.2	-	18.3	7	-1.1	1	10.6	5.3	1.78	-	.56	26	20	8	0	0	0	0	4	0	2	4	1	5.49	-
	Sittingbourne ...	9 9	9	14.8	8.1	11.5	-	18.3	7,8	3.9	2	-	1.40	-	.57	26	14	10	-	-	-	-	-	1	0	1	-	5.08	-	
	Isle of Grain ...	9 9	157	13.9	6.2	10.1	-	18.3	4,7,8	-2.2	1	10.6	9.3	2.87	-	1.04	26	14	10	0	2	0	4	0	2	4	0	5.25	-	
	Faversham ...	21-9	10	12.6	6.6	9.7	-	15.6	15	-0.5	2	-	1.07	65	.29	20	15	7	0	0	0	0	1	2	2	-	1	-	-	
	Dungeness ...	9 9	185	13.8	5.7	9.7	-1.7	18.3	7	-1.1	1,2	-	2.26	108	.81	26	17	15	0	0	0	0	2	0	2	4	0	4.79	71	
	Wye ...	9 9	9	14.1	7.4	10.7	-	18.9	7	0.0	2	-	1.66	114	.60	26	13	9	0	0	0	0	0	0	1	0	-	5.01	-	
	Whitstable ...	9 9	128	13.1	7.1	10.1	-	15.6	11,23	2.2	1	-	10.3	1.24	73	.35	26	16	9	0	0	0	1	1	0	0	0	-	5.72	-
	Folkestone ...	9 9	28	15.3	6.3	10.8	-	20.0	7	-0.6	1,2	-	1.17	-	.23	20,26	15	9	-	-	-	-	-	0	2	2	-	-	-	
	Wingham (Elmstone)	9 9	21	15.2	7.9	11.5	-	21.1	7	2.2	2	-	1.84	119	.57	26	12	10	0	1	0	2	1	0	-	0	-	5.24	-	
Herne Bay ...	9 9	19	12.7	7.6	10.1	-1.7	15.6	11,23	2.2	2	11.7	10.4	1.80	103	.38	26	18	11	0	2	0	2	0	0	0	1	5.35	- 5		
Dover ...	9 9	402	11.8	6.3	9.1	-	18.3	11	2.2	1	-	2.22	104	.70	11	17	11	0	0	0	0	2	2	0	-	1	-	-		
Dover R.M.S. ...	21-9	18	13.7	8.5	11.1	-	17.5	8	1.8	2	-	1.24	-	.39	20	13	10	0	0	0	0	0	0	0	0	-	-	-		
Deal ...	21-9	145	14.0	6.7	10.3	-	18.7	7	0.9	2	-	1.15	-	.30	26	11	8	0	0	0	0	0	1	0	2	0	-	-		
Manston ...	9 9	80	13.6	7.7	10.7	-	16.7	9	3.9	2	-	1.26	79	.31	29	12	8	0	2	0	2	0	0	-	-	5.96	84			
Ramsgate ...	9 9	51	13.7	7.9	10.8	-0.8	19.4	7	4.4	2	11.3	10.1	1.12	78	.34	10	11	7	0	0	1	0	1	0	0	1	0	6.19	85	
Margate ...	21-9	10	13.9	6.7	10.3	-	16.3	14,15,16	0.3	1	-	1.04	60	.33	5	12	7	0	0	0	0	2	0	0	2	0	5.69	-		
Thorney Island	9 9	24	12.7	7.3	10.0	-1.7	15.7	15	2.2	1,2	-	10.8	1.09	58	.33	5	12	6	0	0	0	1	1	0	0	2	2	5.53	78	
Bognor Regis ...	9 9	15	13.2	7.1	10.1	-1.6	17.8	15	1.1	1	-	10.7	1.10	61	.29	5	10	5	0	0	0	0	1	0	0	-	0	5.84	80	
Littlehampton ...	9 9	10	13.2	5.8	9.5	-	16.1	14,15	-0.6	2	-	9.6	1.20	-	.28	5	13	8	-	-	-	-	1	2	2	-	5.37	-		
Rustington ...	9 9	25	13.3	7.3	10.3	-1.6	18.7	15	2.2	1	11.6	10.3	1.03	62	.29	5	13	8	0	2	0	1	0	0	2	0	5.70	76		
Worthing ...	9 9	32	12.6	7.6	10.1	-	16.1	15	2.2	1	-	11.0	.97	60	.29	5	14	7	0	0	0	1	1	0	2	2	5.32	-		
Brighton ...	9 9	400	14.1	5.3	9.7	-	17.8	4	-1.7	1	11.3	-	2.40	-	.54	11	13	9	0	0	0	1	0	3	4	0	-	-		
East Grinstead ...	9 9	45	12.7	6.6	9.7	-	15.6	15	0.0	1,2	-	-	-	-	-	-	-	-	-	-	-	-	0	2	-	5.39	-			
Seaford ...	9 9	23	12.7	7.5	10.1	-1.7	15.6	15	2.2	1,2	11.8	10.8	1.64	95	.40	5	18	9	0	-	0	2	0	0	2	0	5.88	78		
Eastbourne ...	21-9	17	13.3	6.9	10.1	-	16.2	15	0.2	1	-	1.61	-	.31	5,11	17	11	0	1	0	2	1	0	3	2	-	-			
Eastbourne (C/guard)	9 9	12	12.5	6.9	9.7	-2.1	15.6	15	1.1	1	12.0	-	1.34	78	.29	20	14	8	0	0	0	2	1	0	2	0	5.25	-		
Bexhill ...	9 9	188	13.2	5.7	9.9	-	15.6	15	0.0	1,2	-	1.81	-	.41	20	19	9	0	0	0	0	4	0	2	6	1	-	-		
Sedlescombe ...	9 9	73	14.1	5.6	9.9	-	16.1	8,15,29	-2.8	1	10.9	9.3	1.68	-	.43	20	15	8	-	-	-	-	0	2	6	-	5.26	-		
Bodiam ...	9 9	149	12.4	7.0	9.7	-2.1	16.1	15	1.1	1	12.2	10.9	1.62	93	.31	20	18	10	0	0	1	4	1	0	2	0	5.15	71		
Hastings ... §	9 9	350	14.5	5.7	10.1	-	18.9	8	-2.2	1	-	1.46	-	.55	20	12	8	0	0	0	0	1	0	3	-	0	-	-		
Letcombe Regis	21-9	210	15.0	6.3	10.5	-	18.9	8	-0.8	1	-	1.11	58	.34	20	14	9	0	0	1	1	0	1	5	0	5.81	-			
Abingdon ...	9 9	339	13.9	5.1	9.5	-	17.2	8	-3.3	1	11.1	-	1.39	-	.31	20	16	12	0	0	0	2	0	3	10	0	5.15	-		
Compton ...	9 9	370																												
Woolhampton ...	9 9	157	14.4	5.8	10.1	-	18.3	6,8	-3.3	1	10.0	9.7	1.10	-	.32	18	13	7	0	0	0	0	3	-	2	8	0	5.41	-	
Wallingford ...	9 9	200	14.3	6.3	10.3	-1.5	17.8	8	-1.1	1	-	1.56	-	.29	20	21	11	0	0	0	0	3	0	2	5	0	5.13	-		
Shinfield ...	9 9	148	14.7	6.9	10.8	-1.6	17.8	8	0.6	1	12.1	10.6	1.69	91	.37	27	18	10	0	0	2	3	0	0	9	0	4.69	-		
Reading ...	9 9	141	14.6	6.3	10.5	-	18.3	8	-1.7	1	-	1.45	83	.30	27	16	10	0	0											



TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER MAY 1962

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)				WEATHER Number of days										BRIGHT SUNSHINE				
				Means of		Highest Maximum and Lowest Minimum				Total Fall				Most in a day		Precip'n										Daily Mean	Percentage of Average					
				A	B	Maximum	Date	Minimum	Date	1 ft.	4 ft.	Percentage of Average	Amount	Date	0.1in (0.2mm.) or more	0.1in (1.0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. O°C or less	Gale							
				Max.	Min.																											
		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.											hr	%						
7a ENGLAND, N.W.																																
Cumberland	Sellafield...	99	43	12.9	6.4	9.7	-	15.6	5	1.7	27	-	-	1.80	66	.36	18	13	13	-	0	-	-	-	0	0	6	-	6.67	-		
	Carlisle ...	21-9	86	14.0	5.9	9.9	-	17.7	1	1.3	25	-	-	2.70	-	.57	19	15	12	0	0	2	0	1	0	0	4	1	6.15	-		
	Newton Rigg	99	560	13.6	5.2	9.9	-0.2	17.8	1.6	0.6	25	10.0	-	2.31	108	.50	18	19	13	-	0	-	-	-	0	0	7	-	5.18	87		
Westmorland	Spadeadam ...	99	900	12.0	3.7	7.9	-	16.1	6	-2.2	24, 25	8.7	7.7	3.82	-	.65	6	18	14	0	0	4	0	2	0	4	8	2	5.21	-		
	Ambleside ...	99	151	13.8	6.3	10.1	-	17.8	1	2.2	4	-	-	4.58	118	.93	15	18	15	0	0	2	0	0	0	0	-	0	4.73	-		
	Great Dun Fell ...	-	2780	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(2.36)	-		
Lancashire	Moor House ...	99	1825	9.7	2.2	5.9	-	13.9	1	-2.2	3	6.7	-	5.37	-	1.16	7	25	17	-	0	-	-	-	1	6	12	-	5.09	-		
	Barrow-in-Furness	99	55	13.4	6.4	9.9	-	16.1	5	2.8	31	-	-	2.69	-	1.07	18	13	9	-	0	-	-	-	2	0	-	-	-	-		
	Squires Gate ...	21-9	33	13.4	6.7	10.1	-	16.8	5	0.8	1	-	-	2.50	106	.68	18	13	9	0	0	0	0	0	1	0	5	1	7.21	-		
Cheshire	Urswick ...	99	130	14.2	5.4	9.8	-	16.7	5.14	1.1	1, 27	-	-	2.86	-	1.01	18	16	10	0	0	0	0	0	1	0	-	-	-	-		
	Poulton-le-Fylde	99	38	13.5	6.6	10.1	-	17.2	5.7	2.2	5	-	-	2.62	-	.63	18	12	10	0	0	0	0	0	0	0	-	-	-	-		
	Grizedale ...	99	300	13.2	4.2	8.7	-	16.7	5.14	-1.7	25	10.3	-	3.94	-	1.00	15	16	14	0	0	0	0	0	1	4	10	0	-	-		
Merioneth	Liverpool Airport	21-9	80	14.2	7.6	10.9	-	18.4	3	4.2	1	-	-	2.06	90	.52	18	17	10	0	0	0	0	0	1	0	0	0	-	5.89	-	
	Kirkham...	99	78	13.6	6.2	9.9	-	16.7	7	2.2	5	-	-	2.58	102	.59	18	14	10	0	0	0	0	0	0	1	5	1	6.39	-		
	Garstang...	99	68	13.4	5.9	9.7	-	16.1	5.7, 8	1.1	31	-	-	2.66	-	.54	20	14	12	-	0	-	-	-	0	0	7	-	6.47	-		
Westmorland	Morecambe ...	99	24	13.5	7.4	10.5	-0.8	17.8	5	4.4	1	-	-	2.74	106	.67	18	16	9	0	0	0	0	0	0	0	-	0	-	6.08	90	
	Preston (Moor Pk.)	99	108	14.1	6.7	10.4	-	16.7	3, 7, 8	1.1	31	-	-	2.94	112	.52	7, 18	17	11	0	0	1	1	1	0	0	3	0	-	-	-	
	Bolton ...	99	352	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Manchester	Darwen ...	99	724	12.7	5.4	9.1	-1.2	16.7	3	2.2	31	10.2	8.5	4.55	138	.71	18	27	16	0	0	0	0	0	0	0	-	0	-	-	-	
	Stonyhurst	99	377	13.6	6.0	9.8	-0.9	17.2	1	1.7	31	-	-	3.41	122	.64	15	14	13	-	0	-	-	-	0	0	1	-	5.84	97		
	Manchester	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Cheshire	Weather Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Helmshore ...	99	854	12.4	5.2	8.8	-	16.1	8	1.1	1, 31	9.7	-	4.66	-	.81	18	19	13	-	0	-	-	-	0	0	2	-	5.24	-		
	Manchester (Smokeless Zone)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Cheshire	Burnley ...	99	655	12.6	5.2	8.9	-	16.7	1	0.6	1, 25	9.7	8.1	3.78	-	.61	18	21	17	0	0	0	0	0	0	0	5	0	-	-	-	
	Nelson ...	99	540	12.7	5.8	9.3	-	16.7	7	2.2	1, 25, 31	10.1	8.0	3.53	130	.61	8	17	17	-	0	-	-	-	0	0	4	-	4.70	- 5		
	Rochdale ...	99	362	13.4	6.1	9.7	-	17.2	3	1.7	31	-	-	3.00	-	.53	5	17	12	0	0	0	0	1	0	0	0	1	-	4.79	-	
Cheshire	West Kirby Park	99	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Bidston Obs'y.	99	198	13.1	7.6	10.3	-0.9	16.7	6, 7, 8	5.0	1, 27	-	-	1.67	74	.55	18	16	9	-	-	-	-	-	1	0	0	-	6.37	99		
	Northwich (Winnington)	99	65	14.7	7.1	10.9	-	18.3	3	3.3	1	-	-	2.43	110	.77	18	19	14	0	0	0	1	3	0	0	1	0	-	-	-	
Cheshire	Knutsford ...	99	212	14.6	5.9	10.5	-	18.3	6	1.1	1	10.9	9.2	3.27	-	.90	18	19	16	-	0	-	-	-	0	0	2	-	-	-	-	
	Manchester Airport	21-9	248	13.7	6.6	10.1	-1.1	17.3	7	2.2	1, 31	-	-	3.18	142	1.02	18	19	16	0	0	0	0	1	0	0	0	-	5.29	94		
	Macclesfield ...	99	500	13.4	6.1	9.7	-1.1	17.2	6	1.1	31	-	-	3.18	127	.50	18	18	16	0	0	1	0	2	0	0	-	0	-	-	-	
7b NORTH WALES																																
Flint	Rhyl ...	99	31	13.1	7.4	10.3	-0.8	16.7	7	3.3	1	-	-	1.65	77	.58	18	17	9	0	0	0	0	0	0	0	0	0	-	6.92	106	
	Prestatyn ...	99	12	13.5	7.2	10.3	-	17.2	6, 8	1.7	5	-	-	2.26	101	.64	18	17	11	0	0	0	0	0	0	0	0	-	0	-	6.43	-
	Hawarden Bridge	99	17	14.8	6.8	10.8	-0.5	18.9	6	1.1	1	-	-	2.44	115	.44	18	17	14	0	0	1	1	1	0	0	0	-	0	-	-	
Anglesey	Holyhead (Valley)	21-9	26	13.1	7.2	10.1	-0.6	15.5	14	4.3	1	-	-	2.46	109	.66	18	12	10	0	0	0	0	0	1	4	0	-	7.57	107		
	Alwen ...	99	1100	11.4	3.1	7.3	-	15.6	1, 2, 3	-2.8	1, 3	-	-	3.68	-	.80	18	20	17	-	-	-	-	-	7	11	-	-	-	-		
	Ruthin ...	99	248	13.5	5.8	9.7	-	17.2	3, 7	1.1	1	-	-	1.95	-	.43	18	17	12	-	0	-	-	-	0	0	-	-	-	-	-	
Denbigh	Loggerheads ...	99	690	12.7	4.7	8.7	-	16.1	6, 7, 8	-0.6	1, 2, 3	9.7	8.7	2.61	-	.48	18	24	13	0	0	1	0	2	1	3	9	0	-	-	-	
	Bwlchgwyn ...	99	1287	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Wrexham ...	99	275	14.3	6.4	10.3	-	18.9	6	1.7	1	10.3	9.1	3.08	-	.86	18	20	12	0	0	0	0	1	0	0	5	0	-	-	-	
Caernarvon	Bardsey Island ...	21-9	60	11.7	7.5	9.6	-	13.5	5	5.0	27	-	-	2.05	-	.54	18	11	9	-	-	-	-	-	1	0	0	-	-	-	-	
	Botwnnog ...	99	112	13.1	6.7	9.9	-	16.1	3	3.9	1, 3, 27	12.3	10.4	2.65	-	.66	5	15	10	0	0	0	0	0	2	0	1	0	-	7.07	-	
	Bryn Adda ...	99	275	13.2	6.8	10.0	-	16.7	3	4.4	1, 27	-	-	3.18	-	.75	18	16	12	0	0	0	0	0	0	0	5	0	-	5.80	-	
Merioneth	Cwm Dyli ...	99	324	12.7	6.4	9.5	-	17.2	1	1.7	1	9.9	-	9.27	-	1.46	5	23	15	-	0	-	-	-	2	0	6	-	-	-	-	
	Aber ...	99	60	13.4	7.2	10.3	-0.8	16.7	7, 8, 9	4.4	1, 5	-	-	2.44	93	.44	18	19	11	0	0	1	0	0	0	0	1	0	-	5.63	89	
	Llandudno	99	13	12.8	7.9	10.3	-0.8	16.7	7	4.4	1	-	-	1.82	88	.55	18	15	11	0	0	0	0	0	0	0	-	0	-	6.88	103	
Merioneth	Llyn Stwlun ...	99	1656	8.1	4.6	6.3	-	12.8	1	2.2	1, 26, 27	-	-	10.02	-	2.22	5	19	14	-	0	-	-	-	0	6	-	-	-	-	-	
	Trawsfynydd ...	99	611	12.7	5.5	9.1	-	16.7	1	1.1	26	-	-	4.86	-	1.10	2	19	14	-	0	-	-	-	0	0	12					



TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER MAY 1962

DISTRICT, COUNTY AND PLACE			Terminal Hours of Observation		AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)		WEATHER										BRIGHT SUNSHINE					
					Means of		Difference from Average		Highest Maximum and Lowest Minimum						Total Fall		Percentage of Average		Most in a day		Precip'n		Number of days									
Max.	Min.	A	B	Mean		Maximum	Date	Minimum	Date	1 ft.	4 ft.	in.	%	in.	Amount	Date	40 in. (0.2 mm.) or more	40 in. (1.6 mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. 0°C or less	Gale	Daily Mean	Percentage of Average			
G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.												hr	%					
ENGLAND, S.W.																																
Somerset	Hawkrigge (Liscombe)	9 9	1030	11.6	5.4	8.5	-	14.4	8	1.7	1.2	-	-	4.17	-	.93	20	19	15	-	0	-	-	-	0	2	-	-	-	-		
	Cannington	9 9	95	14.3	7.3	10.8	-	17.8	3.6	1.1	1.2	11.8	-	1.32	59	.28	20	17	13	0	0	0	0	0	0	3	0	6.23	-			
	Weston-a-Mare	9 9	28	14.6	7.9	11.3	-	17.8	3.14	1.1	1	-	-	1.70	73	.31	20	17	11	0	0	0	0	2	0	4	2	6.37	103			
	Long Ashton	9 9	162	14.4	6.7	10.5	-1.2	17.8	3	0.0	1	11.8	-	2.11	83	.47	20	18	13	0	0	1	0	3	0	1	7	0	6.16	97		
	Bath (City)	9 9	388	14.1	6.5	10.3	-	16.7	3.4, 14	1.7	1	-	-	2.14	-	.47	20	18	12	0	0	1	0	1	0	0	-	0	-	-		
Dorset	Boys' School	9 9	67	14.7	6.8	10.7	-1.4	17.8	3.8, 30	-0.6	1	12.4	10.6	2.29	100	.45	20	20	12	0	0	2	0	3	0	1	3	0	5.76	94		
	Portland Bill	21-9	35	12.2	7.8	10.0	-1.1	17.0	30	4.8	1	-	-	1.28	73	.32	5	16	7	0	0	0	0	3	1	0	-	2	-	-		
	Weymouth	9 9	16	14.5	7.6	11.1	-1.0	17.8	14	2.2	2	-	-	1.71	88	.41	5	14	9	-	0	-	-	-	0	-	-	6.19	87			
	Shaftesbury	9 9	680	10.8	4.3	7.5	-3.3	15.6	3	-0.6	1.31	-	-	2.44	114	.35	20	17	14	-	0	-	-	-	3	4	-	-	-	-		
	Swanage	9 9	37	13.7	7.3	10.5	-	16.7	15.16	1.1	2	-	11.1	-	2.02	-	.61	11	17	13	0	0	1	2	1	0	1	5.70	-			
Devon	Poole	9 9	18	14.9	6.3	10.6	-	16.9	15	-1.1	2	-	-	2.12	-	.44	20	17	13	0	0	0	0	1	0	1	0	5.66	-			
	Clawton	9 9	412	11.5	8.0	9.7	-	13.4	8	3.5	1	-	-	2.48	-	.43	5	19	12	0	0	0	0	1	0	0	0	6.63	-			
	Hartland Pt.	21-9	298	13.1	7.5	10.3	-1.3	15.4	15	3.3	1.3	-	-	2.62	110	.55	20	14	13	0	0	2	0	1	1	0	4	1	5.58	83		
	Plymouth (Mt. Batten)	21-9	87	13.6	7.7	10.7	-1.4	16.7	15	3.3	3	12.0	11.0	2.68	113	.57	20	18	13	0	0	0	0	1	0	3	3	5.47	80			
	Plymouth (The Hoe)	9 9	119	13.6	7.7	10.7	-1.4	16.7	15	3.3	3	-	-	2.68	113	.57	20	18	13	0	0	0	0	1	0	3	3	5.47	80			
Cornwall	Chivenor	21-9	20	14.4	7.7	11.1	-	18.2	2	2.6	1	-	-	1.81	-	.40	5	17	11	0	0	0	0	0	0	0	1	0	6.86	-		
	Ilfracombe	9 9	25	12.9	6.8	10.7	-1.0	15.6	6.7, 8	4.4	1	13.4	12.0	2.37	105	.58	5	13	11	0	0	0	0	0	0	0	1	7.08	105			
	Totnes	9 9	120	14.1	5.8	9.9	-	16.7	14	-2.2	2	11.7	9.9	3.75	127	.90	20	19	12	0	0	0	0	1	1	3	12	1	5.23	-		
	Slapton	9 9	104	13.3	7.2	10.3	-	16.7	14.15, 16	4.4	3, 25, 29	-	-	2.60	-	.80	20	12	10	0	0	0	0	1	1	0	0	-	-	-		
	Newton Abbot	9 9	272	13.8	6.4	10.1	-1.4	16.1	8, 14	0.6	2	-	-	2.50	99	.69	20	16	12	0	0	0	0	0	1	0	3	0	5.54	90		
Channel Isles	Paignton	9 9	8	14.3	7.3	10.8	-	17.2	14	1.7	2	-	-	2.59	103	.80	20	17	10	0	0	0	0	1	0	0	0	5.83	87			
	Torquay	9 9	26	13.8	7.6	10.7	-1.5	17.2	14	2.2	2	-	11.5	2.62	115	.70	20	16	12	0	0	0	0	1	0	1	1	6.08	88			
	Teignmouth	9 9	20	14.0	8.0	11.0	-1.1	16.7	14, 15	2.2	2	-	-	2.00	88	.63	20	19	11	0	0	0	0	0	0	0	0	5.67	84			
	Starcross	9 9	29	13.9	6.4	10.1	-	16.7	14	0.6	2	12.1	-	1.94	-	.62	20	18	9	0	0	0	0	0	0	7	0	6.34	-			
	Exeter (Southam)	9 9	160	14.2	6.7	10.5	-	16.7	8	0.6	2	-	-	2.02	-	.44	18	16	10	0	0	2	1	1	0	0	-	-	-	-		
Channel Isles	Exmouth	9 9	195	13.5	6.8	10.1	-1.3	16.1	11, 14, 15	1.1	2	-	-	1.69	73	.40	20	17	12	0	0	1	0	0	0	-	0	5.81	91			
	Exeter	21-9	106	14.3	6.5	10.4	-	17.0	8	0.0	2	-	-	1.75	79	.42	20	16	10	0	0	0	1	1	0	1	7	1	6.15	-		
	Sidmouth	9 9	25	13.7	6.7	10.2	-1.2	16.3	14	1.1	2	-	-	1.52	-	.27	5	15	13	-	-	-	-	0	0	1	-	6.34	-			
	St. Mary's, Scilly	21-9	158	13.3	8.9	11.1	-0.4	15.8	15	6.2	1	-	-	1.92	88	.67	4	14	10	0	0	0	0	4	0	-	3	7.73	107			
	Penzance	9 9	62	13.7	8.1	10.9	-1.3	15.6	15	5.6	1	-	-	2.93	120	.71	4	19	12	0	0	0	0	0	0	0	2	6.95	103			
Channel Isles	Gulval	9 9	50	12.6	7.2	9.9	-	14.4	15, 23	4.4	2, 26	-	-	3.34	-	.77	28	14	10	0	0	1	0	1	2	0	-	1	6.99	-		
	Culdrose	9 9	268	12.6	7.2	9.9	-	14.4	15, 23	4.4	2, 26	-	-	3.34	-	.77	28	14	10	0	0	1	0	1	2	0	-	1	6.99	-		
	Camborne (Rosewarne)	9 9	250	12.6	7.6	10.1	-	14.4	8	1.7	1	11.5	10.7	2.83	-	.77	20	17	11	0	0	0	0	2	0	0	1	0	6.73	-		
	Lizard	9 9	240	12.7	7.6	10.1	-	14.8	15	4.5	26	-	-	1.96	99	.66	4	14	10	0	0	0	0	1	0	-	3	6.63	-			
	Falmouth	9 9	167	13.0	7.7	10.3	-1.6	15.0	8, 15	5.6	20, 25, 27	-	-	3.16	121	.72	20	15	11	0	0	1	1	0	0	0	1	6.57	96			
Channel Isles	Newquay	9 9	176	12.7	7.9	10.3	-1.0	15.0	6, 7, 8	2.2	1	-	-	2.07	95	.41	4	15	11	0	0	0	0	0	0	-	1	6.27	92			
	St. Mawgan	21-9	337	12.7	7.4	10.1	-	14.9	8	2.6	1	-	-	2.22	-	.48	4	16	11	0	0	0	0	0	0	0	1	6.30	-			
	St. Austell	9 9	310	13.2	6.6	9.9	-	15.0	10, 31	2.8	1	-	-	3.23	106	.61	20	18	14	0	0	0	0	1	1	0	0	-	-	-		
	Fowey	9 9	51	13.7	7.6	10.7	-1.3	16.7	15	3.3	1	-	-	2.54	-	.47	4	17	11	0	0	0	0	2	2	0	0	-	-	-		
	Bude	9 9	50	13.3	7.4	10.3	-0.9	16.1	7	1.7	2	11.1	-	2.12	101	.48	5	17	10	-	-	-	-	-	0	-	-	6.23	94			
Channel Isles	Ellbridge	9 9	190	13.7	6.3	10.0	-	16.1	31	0.6	2, 3	-	-	2.82	-	.74	20	17	14	0	0	0	0	0	1	0	4	0	5.76	-		
	Loughmore Forest	9 9	572	12.8	4.0	8.4	-	18.3	2, 3	-0.6	30	-	-	2.70	-	.48	7	19	14	0	0	0	0	0	0	1	7	0	-	-	-	
	Eglinton	9 9	38	13.5	6.0	9.7	-0.8	18.3	7	1.1	26	-	-	1.76	81	.29	17	18	12	0	0	2	0	0	0	6	1	6.99	110			
	Ballykelly	21-9	9	13.5	6.0	9.7	-0.8	18.3	7	1.1	26	-	-	1.76	81	.29	17	18	12	0	0	2	0	0	0	6	1	6.99	110			
	Derrynoyd Forest	9 9	292	13.9	4.9	9.4	-	18.3	2, 3, 13	0.6	30	-	-	2.99	-	.72	7	19	13	0	0	0	0	0	0	12	0	-	-	-		
Channel Isles	Somers Forest	9 9	142	13.8	5.3	9.5	-	17.8	2, 3	1.1	2, 26	-	-	2.25	-	.60	7	18	13	0	0	0	0	0	0	11	0	-	-	-		
	Garvagh Forest	9 9	292	13.5	4.4	8.9	-	18.9	3	1.1	26	-	-	3.42	-	.71	18	16	14	0	0	2	0	1	0	18	0	-	-	-		
	Garvagh	9 9	121	13.9	4.9	9.4	-0.8	18.3	2	0.6	2, 26	11.6	-	2.21	80	.67	7	19	13	0	0	3	2	1	0	15	1	-	-	-		
	Portrush	-	18	14.0	7.0	10.5	-	17.0	14	1.7	2	-	-	1.53	-	.52	7	16	10	-	-	-	-	-	-	-	-	8.06	-			



TABLE IV—SUMMARY OF OBSERVATIONS AT FIXED HOURS MAY 1962

DISTRICT, COUNTY AND PLACE		Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (OKTAS)					VISIBILITY										WIND, NUMBER OF OBSERVATIONS																																				
				At Mean Sea Level	Difference from Average	Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	Mean Amount	No. of Observations					NUMBER OF OBSERVATIONS					FORCE (0-12)					DIRECTION																																			
											0	1	3 to 5	6	8	9	0-44 yd.	45-210 yd.	220-430 yd.	440-1,000 yd.	1,100-2,100 yd.	2,200-4,300 yd.	3-6 mi.	7-12 mi.	13-24 mi.	25 mi. or over	Beaufort Force					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.																						
																											8 or more	6, 4, 2, 1	5, 3, 2, 1	4, 3, 2, 1	3, 2, 1, 0																														
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TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS MAY 1962

DISTRICT, COUNTY AND PLACE		Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (OKTAS)					VISIBILITY							WIND, NUMBER OF OBSERVATIONS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
				At Mean Sea Level	Difference from Average	Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	Mean Amount	No. of Observations					NUMBER OF OBSERVATIONS							FORCE (0-12)					DIRECTION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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\* previously known as "Elmdon"



TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS MAY 1962

DISTRICT, COUNTY AND PLACE		Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (OKTAS)					VISIBILITY							WIND, NUMBER OF OBSERVATIONS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
				At Mean Sea Level	Difference from Average	Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	Mean Amount	NO. OF OBSERVATIONS					NUMBER OF OBSERVATIONS							FORCE (0-12)					DIRECTION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
											0	1	2	3	4	5	6	7	8	9	0-44 yd.	45-210 yd.	220-430 yd.	440-1,090 yd.	1,100-2,100 yd.	2,200-4,390 yd.	3-6 mi.	7-12 mi.	13-24 mi.	25 mi. or over	Beaufort Force					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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Lancashire	Squires Gate	H	3 35	1013.7	-	7.8	0.9	9.4	87	5.8	2	5	2	11	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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 XIII—SOLAR RADIATION AND INTENSITY OF DAYLIGHT,

MAY

1962

STATION	TOTAL RADIATION ON A HORIZONTAL SURFACE mw. hr./cm <sup>2</sup>						DIFFUSE RADIATION ON A HORIZONTAL SURFACE mw. hr./cm <sup>2</sup>						INTEGRATED ILLUMINATION OF A HORIZONTAL SURFACE kilo lux-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 ... ..	761	19	94	8	370.8	31	386	31	93	8	259.2	31	819	19	117	8	419.8	31
Eskdalemuir ... ..	775	31	106	7	433.4	31	382	29	103	7	273.6	31	777	31	139	7	482.9	31
Cambridge ... ..																		
Kingsway ... ..	668	31	112	26	372.4	31	359	24	108	26	235.5	30	668	31	112	26	372.4	31
Kew ... ..	734	31	128	26	379.0	31	322	3	118	26	231.6	30	805	31	152	26	422.6	30
Aberporth ... ..	821	31	165	27	491.0	31	383	15	165	27	279.8	31	-	-	-	-	-	-

TABLE VIII—NUMBER OF DAYS IN MAY 1962 WITH MAXIMUM AND MINIMUM TEMPERATURES between given limits.

STATION	MAXIMUM TEMPERATURE °C.								STATION	MAXIMUM TEMPERATURE °C.							
	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° 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	0	21	10	0	0	0	0	Birmingham ... ..	0	0	4	22	5	0	0	0
Stornoway ... ..	0	0	7	24	0	0	0	0	Kew Observatory ... ..	0	0	1	17	13	0	0	0
Craibstone ... ..	0	0	9	20	2	0	0	0	Hastings ... ..	0	0	2	23	1	0	0	0
Rothsay ... ..	0	0	0	26	5	0	0	0	Southampton ... ..	0	0	1	17	13	0	0	0
Renfrew ... ..	0	0	0	17	13	1	0	0	Stonyhurst ... ..	0	0	2	23	6	0	0	0
Eskdalemuir ... ..	0	0	1	24	6	0	0	0	Bidston Observatory ... ..	0	0	2	25	4	0	0	0
Douglas ... ..	0	0	1	29	1	0	0	0	Holyhead (Valley) ... ..	0	0	0	29	2	0	0	0
Cockle Park ... ..	0	0	7	20	4	0	0	0	Falmouth ... ..	0	0	1	30	0	0	0	0
Gorleston ... ..	0	0	8	15	8	0	0	0	Aldergrove ... ..	0	0	0	21	10	0	0	0
Cambridge ... ..	0	0	2	12	17	0	0	0	Armagh ... ..	0	0	0	17	14	0	0	0

TABLE II—ADDITIONS AND CORRECTIONS

MONTH	STATION	Distribution of Mean Hourly Values of Wind Speed											Mean Hourly Wind Speed	Highest Velocities					
		Height of Vane			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		
		Above Mean Sea Level	Above Ground	Effective Height	Dates of Occurrence	Duration	No. of days	Duration	Duration	Duration	Duration	Duration		Veer from N.	Speed	Hour ended at	Speed	Day and Time	
		ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	hr.	knots	°	knots	day hr.	knots	day	h.m.
1960 November	Dungeness	70	50	33	1-3, 10	16	19	207	274	166	38	19	15.7	220	41	1 21	61	2	1035
1961 June	Bell Rock	128	131	124	18, 28	2	16	145	387	142	44	0	15.3	270	35	28 07	47	18	1050
"	Isle of Grain	48	40	33														13	0755
"	Lizard	315	75	60	-	0	4	26	301	285	81	27	10.2	280	31	12 18	40	12	1545
July	Bell Rock	128	131	124	4, 26	8	13	108	298	199	131	0	12.6	360	40	4 05	50	4	0405
"	Lizard	315	75	60	#														
August	Bell Rock	128	131	124	29	1	18	121	407	147	68	0	14.2	150	34	29 16	44	27	1525
September	Durham	389	53	33					129	249	325								
November	Patsley	188	81	31	-	0	0	0	95	273	352	0	4.6	190	19	1 23	45	29	1255
December	Bell Rock	128	131	124	2, 4, 5, 8, 10 *	27	22	203	280	196	38	0	17.1	280	45	5 21	63	5	1525
"	Patsley	188	81	31	-	0	1	4	72	233	435	0	3.8	290	24	5 17	56	5	1720
"	Southport	59	41	33	5, 11	7	7	39	176	354	158	10	9.0	300	38	5 12	57	5	1500

# Incomplete record  
\* Also on 28th and 29th

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# Monthly Weather Report

## OF THE METEOROLOGICAL OFFICE

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

Volume 79 Number 6

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June 1962 — *Sunny; generally dry and rather cool.*

The month began and ended with anticyclonic weather but during the 9th-25th a series of relatively weak frontal systems, followed by pronounced ridges, moved eastwards across the country.

The first two days were cold with northerly winds, an anticyclone covering the country being centred over or near Ireland. Weather was generally dry and sunny during the first week except for slight rain in some eastern coastal districts on the 2nd and 3rd. At night ground frost was fairly widespread early in the week and there was local air frost on the 1st-4th. The anticyclone soon moved south-east and by the 3rd was centred over the North Sea where it remained until the 7th. With backing winds weather became warm almost everywhere except in south-east England where easterly winds kept temperature below average; in parts of Scotland afternoon temperatures rose to 25°C but only 12°C was reached on the east Kent coast. The fine spell with almost unbroken sunshine in many places (Tynemouth recorded 16.5 hr on the 5th) lasted until the 8th when the anticyclone moved west to become centred over southern England.

On the 9th, Whit Saturday, a small depression gave some slight rain in Scotland and that evening thunderstorms broke out in East Anglia and south-east England. The anticyclone moved further west becoming centred off south-west Ireland on Whit Sunday; it brought, to most of the country, a return of northerly winds with generally dry sunny weather. Bank Holiday Monday, however, was dull with frontal rain spreading to most areas. During the next few days a complex low pressure system remained quasi-stationary off the south of Iceland, and associated weak frontal belts gave rain in many northern districts but most of southern England remained dry with prolonged sunshine; the 16th and 17th were fine sunny days almost everywhere as a ridge of high pressure moved across southern England to the North Sea.

A rather stormy period followed with gales in the north on the 18th, 19th, 23rd and 24th. On the 18th a vigorous depression deepened still further as it approached the Hebrides where gales became unusually strong for the time of year; rain was widespread, and heavy in parts of Scotland. Warm front rain spread to most districts from the west on the night of the 19th/20th and in the warm air behind the front, extensive low cloud and sea fog formed in coastal areas of south-west England, the English Channel and the Irish Sea on the 20th and 21st. The 23rd was a fine sunny day but that night a vigorous depression approaching the north of Scotland brought rain to all districts and severe gales to parts of Scotland; at Lowther Hill a gust of 84 kt was recorded. Rain was locally heavy in Scotland but only slight in Southern England. A showery north-westerly airstream spread over the British Isles on the 24th as the depression moved eastward towards Denmark, but a belt of rain spread south-eastwards across the country the next day.

Northerly winds set in on the 26th on the eastern flank of an anticyclone which became established off western Ireland where it remained until the end of the month. Weak rain belts moved southwards over the country but amounts in the south were small or negligible. Temperature in the north was well below average—air frost was recorded locally in Scotland on the 27th—but in sheltered southern districts it was around average.

**Pressure and Wind** — Mean pressure was above average everywhere, the excess at 9 hr ranging from 1.9 mb at Lerwick and Wick to 6.3 mb at Scilly. Surface winds were northerly or variable at first becoming predominantly south-easterly on the 2nd-8th and northerly again on the 9th and 10th after which winds were mainly south-westerly until the 23rd and then north-westerly for the remainder of the month. Winds reached gale force in Scotland on 13 days and in England and Wales on the 14th and 18th-24th (8 days). Gales were widespread in the west and north on the 24th when a gust of 74 kt was recorded at Durham and one of 68 kt at South Shields; the previous highest gusts at these stations since records began 24 and 49 years ago were 46 kt and 54 kt respectively.

**Temperature** — Mean temperature in Scotland was equal to the 1921-50 average but over England and Wales and Northern Ireland temperature was below the average for the fourth successive month the June deficit being 0.7°C. The first two days of the month were the coldest in most districts; the warmest days were around the 7th and 8th. During the second half of the month afternoon temperatures nearly everywhere were below the average.

Extremes included: (England and Wales) 26.7°C at Wakefield on the 8th and at Wisley on the 9th, -5.6°C at Santon Downham on the 1st and 3rd; (Scotland) 26.1°C at Glamis on the 8th, -3.2°C at Coalburn on the 1st; (Northern Ireland) 24.4°C at Armagh on the 8th, -2.2°C at Pubble Forest on the 1st.

**Precipitation** — The general rainfall expressed as a percentage of the 1916-50 average was 31 in England and Wales. This made it equally dry with June 1940, 1942 and 1949, these taking second place to the driest June this century in 1925. Rainfall was 91 per cent of the average in Scotland and 66 in Northern Ireland. Less than the average rainfall occurred over the whole of England and Wales except for parts of the Lake District. Less than 25 per cent of the average was recorded over most of England south of a line Severn to the Wash, over Lincolnshire and over the coastal regions of Yorkshire.

Thunder was heard on 6 days in Scotland, and on the 9th and 10th in England and Wales; thunderstorms were rather widespread in east and south-east England on the 9th.

**Sunshine** — The general sunshine expressed as a percentage of the 1921-50 average was 119 over England and Wales, 99 over Scotland and 103 over Northern Ireland. In Scotland sunshine amounts were above the average in most eastern parts of the country but below average in the north-west. In England and Wales it was mostly above average and as much as 40 per cent above in parts of the south-west.

**Fog** — In Scotland fog was reported on 11 days; hill fog also occurred on 11 other days at the high level station Lowther Hill in Lanarkshire. Early morning fog was fairly widespread in the Midlands and South-west England on the 20th and 21st, and there was coastal fog in the English Channel and Irish Sea on these dates; fog was also reported from one place or another on 10 other days.

**Miscellaneous Phenomena** — The aurora was not observed during the month. A minor tornado caused some structural damage at South Croydon on the 9th.



TABLE I—DISTRICT VALUES—

JUNE

1962

(1908, revised 1928, 1941 and 1956)

DISTRICTS	AIR TEMPERATURE						EARTH TEMPERATURE		RAINFALL		SUNSHINE	
	Highest	Lowest	Difference from Average			At 1 ft. Difference from Average	At 4 ft. Difference from Average	Percentage of Average	No. of Days Difference from Average	Percentage of Average	Percentage of Average	Percentage of Average
			Max.	Min.	Mean							
0 SCOTLAND, N.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	%		%		%
Eastern	25.0	-1.1	+0.2	0.0	+0.1	—	—	104	0	93		
1 SCOTLAND, E.	26.1	-2.8	+1.0	+0.2	+0.6	—	—	40	-4	105		
2 ENGLAND, N.E.	25.8	-4.4	+0.2	-0.5	-0.3	-0.8	-0.6	22	-6	115		
3 ENGLAND, E.	26.1	-5.6	+0.5	-1.5	-1.0	-0.7	-0.7	15	-7	126		
4 MIDLAND COUNTIES	26.7	-2.8	+0.4	-0.7	-0.5	-0.2	-0.3	18	-4	120		
5 ENGLAND, S.E.	26.7	-2.8	+0.7	-1.5	-1.1	-0.8	-0.7	19	-5	122		
Western												
6 SCOTLAND, W.	25.0	-3.2	+0.6	-0.6	-0.6	-0.6	-0.9	81	0	99		
7 ENGLAND, N.W. (and N. Wales)	25.6	-3.9	+0.8	-0.5	-0.7	-1.1	-0.6	58	-3	103		
8 ENGLAND, S.W. (and S. Wales)	24.4	-2.2	+0.4	-0.9	-0.7	-0.2	-0.3	27	-3	125		
NORTHERN IRELAND	24.4	-2.2	+0.6	-0.8	-0.7	-	-	66	-1	103		

TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND—

JUNE, 1962

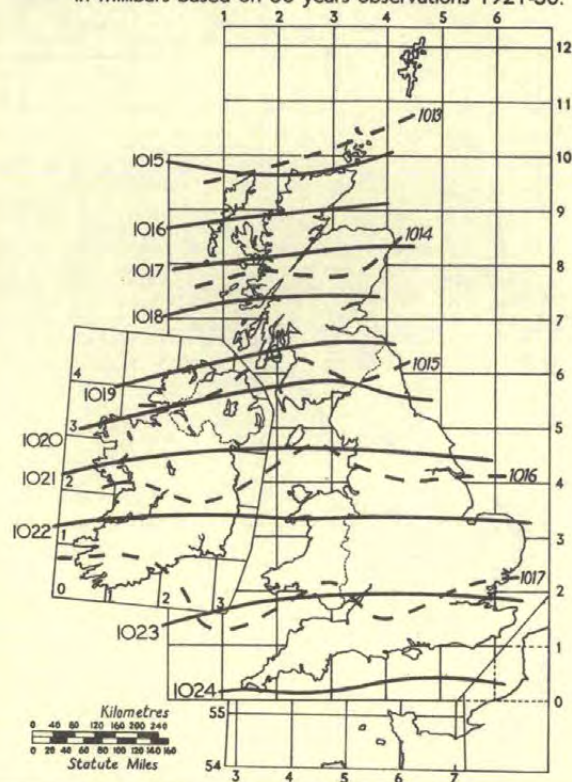
(1914)

DISTRICT, COUNTY AND PLACE			Height of Vane			Distribution of Mean Hourly Values of Wind Speed										Mean Hourly Wind Speed	Highest Velocities				
			Above Mean Sea Level	Above Ground	Effective Height	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				
						Dates of Occurrence	Duration	No. of days	Duration	Duration	Duration	Duration	Duration	Veer from N.	Speed		Hour ended at	Speed	Day and Time		
			ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	hr.	knots	°	knots	day hr.	knots	day	h.m.	
SCOTLAND																					
0	Zetland	Lerwick	304	33	33	-	0	6	44	319	316	41	0	11.3	250	28	22 03	44	22	0210	
	Orkney	Kirkwall (Grimsetter)	134	50	33	-	0	11	55	379	259	27	0	12.3	340	28	24 15	40	19	0910	
	Caithness	Dounreay	110	39	30	18	1	5	38	337	340	4	0	11.7	163	34	18 10	48	18	0940	
	Ross & Cromarty	Stornoway (Coastguard)	120	40	36	14, 19	10	19	152	345	144	69	0	14.9	200	40	14 06	57	14	0750	
		Duirinish	125	65	55	14, 19	9	11	83	335	246	46	1	12.8	200	38	14 11	61	19	0405	
	Inverness	Benbecula	69	51	35	14	3	16	146	443	119	9	0	16.3	170	35	14 02	54	18	2320	
1	Moray	Lossiemouth	100	80	66	-	0	10	53	321	284	62	0	11.4	240	28	14 13	46	18	0855	
	Aberdeen	Dyce	225	40	40	-	0	4	16	314	250	140	0	9.7	280	29	24 12	46	24	0635	
	Angus	Bell Rock Lighthouse	128	131	124	-	0	4	16	314	250	140	0	9.7	280	29	24 12	46	24	0635	
	Perth	Rannoch	1006	56	57	-	0	4	16	314	250	140	0	9.7	280	29	24 12	46	24	0635	
	Fife	Leuchars	78	40	40	24	2	8	53	285	284	90	0	11.1	260	35	24 07	57	24	0605	
	Midlothian	Edinburgh	485	39	23	-	0	8	37	284	296	91	12	10.6	(250)	31	24 11	(50)	24	1020	
6a	Argyll	Tiree	89	60	47	14, 18, 19, 23, 24	19	16	139	398	130	34	0	16.2	170	45	23 23	66	23	2135	
	Bute	Millport	50	34	34	24	4	6	37	196	254	229	0	8.5	240	40	24 04	63	24	0320	
	Renfrew	Paisley	188	81	31	-	0	5	15	194	357	154	0	8.0	180	30	23 23	52	24	0115	
		Renfrew	71	41	39	24	1	7	30	307	262	120	0	10.1	220	35	24 02	63	24	0105	
	Ayr	Prestwick Airport	35	33	33	-	0	6	36	335	266	83	0	11.0	220	32	24 03	55	24	0240	
	Dumfries	Eskdalemuir	825	50	35	-	0	6	43	162	270	245	0	8.1	200	30	18 16	52	24	0650	
	Wigtown	West Freugh	83	33	33	-	0	8	58	273	278	111	0	10.6	270	31	24 05	53	24	0355	
ENGLAND AND WALES																					
6b	Isle of Man	Point of Ayre	70	40	35	-	0	7	50	297	252	121	0	10.8	230	31	24 02	47	24	0155	
		Ronaldsway	119	64	39	18, 23	5	11	110	324	228	53	0	13.3	210	36	23 23	51	23	2120	
2	Durham	Durham	389	53	33	24	8	3	17	206	283	202	4	8.4	270	40	24 10	74	24	1020	
		South Shields	73	57	44	24	5	3	15	245	336	119	0	9.3	270	40	24 08	68	24	0615	
	Lincoln	Cranwell	288	47	47	-	0	3	24	223	285	188	0	8.5	280	30	24 13	51	24	1320	
3	Norfolk	Gorleston	45	33	33	-	0	3	24	223	285	188	0	8.5	280	30	24 13	51	24	1320	
	Suffolk	Mildenhall	98	83	60	-	0	1	1	98	376	245	0	5.9	270	23	19 15	43	19	1420	
	Bedford	Cardington	226	133	133	19	3	7	54	299	299	65	0	11.3	230	35	19 14	53	19	1240	
	Hertford	Rothamsted	461	41	33	-	0	0	0	38	461	221	0	5.3	260	15	19 16	40	19	1600	
		Stanstead Abbots	138	41	40	-	0	0	0	137	396	181	6	6.6	240	19	19 17	32	19	1940	
	Essex	Coryton	66	57	48	-	0	0	0	152	457	90	21	7.7	230	18	19 20	38	19	1940	
		Shoeburyness	118	106	91	-	0	7	16	404	275	25	0	11.6	210	25	20 14	39	21	1930	
4	Yorks., W.R.	Sheffield	533	83	35	-	0	0	0	90	469	161	0	6.4	280	21	24 12	48	24	1100	
	Warwick	Birmingham (Edgbaston)	643	118	73	-	0	0	0	130	501	89	0	7.2	240	18	19 15	36	24	0635	
	Stafford	Keele	706	50	40	-	0	0	0	147	393	180	0	6.8	220	19	21 15	40	19	1815	
	Gloucester	Avonmouth	92	61	33	-	0	5	33	203	302	177	5	8.5	240	30	19 14	42	19	1335	
5	London	Kingsway	206	143	41	-	0	0	0	187	482	51	0	8.4	260	20	24 08	40	19	1455	
	Middlesex	London (Heathrow) Airport	115	33	33	-	0	2	2	187	471	60	0	8.4	260	22	19 15	34	19	1415	
		Hampton	139	101	100	-	0	1	1	166	433	120	0	7.6	230	22	21 21	38	24	0725	
	Surrey	Kew Observatory	92	75	50	-	0	0	0	157	432	131	0	7.2	220	19	18 16	41	18	1610	
		London (Gatwick) Airport	232	38	33	-	0	0	0	156	382	182	0	7.2	240	21	19 15	36	19	1425	
	Kent	Isle of Grain	48	40	33	-	0	0	0	132	330	258	0	6.0	250	20	21 20	36	21	2010	
		Dungeness	70	50	33	-	0	3	19	303	276	122	0	9.6	220	26	19 17	36	19	1530	
		Dover	68	38	62	-	0	0	0	246	397	77	0	8.9	230	20	19 16	37	19	1555	
	Sussex	Thorney Island	75	65	42	-	0	0	0	145	362	213	0	6.6	230	20	19 16	39	19	1415	
	Hampshire	Calshot	50	41	33	-	0	3	9	369	297	45	0	10.7	240	24	19 12	36	19	1420	
		S. Farnborough	318	69	35	-	0	0	0	84	402	234	0	5.8	250	21	19 15	37	19	1410	
	Berkshire	Abingdon	295	40	40	-	0	2	9	212	307	192	0	7.7	260	26	19 16	41	19	1510	
	Wiltshire	Larkhill	491	51	36	-	0	0	0	102	340	278	0	5.6	260	19	19 15	39	19	1530	
		Porton	406	44	44	-	0	0	0	162	278	280	0	6.3	220	21	18 14	34	19	1230	
7a	Cumberland	Carlisle	137	42	30	-	0	7	41	250	176	253	0	8.7	220	30	24 04	48	24	0525	
		Sellafield	83	39	35	-	0	3	15	230	359	116	0	8.9	170	24	23 23	36	23	2240	
		Spadeadam	959	51	40	-	0	7	53	187	294	180	6	9.1	220	31	24 02	54	24	0120	
	Westmorland	Moor House	1960	50	45	18, 19, 22, 24	5	11	118	193	152	252	0	10.7	220	37	18 24	52	22	0255	
	Lancashire	Southport	59	41	33	24	4	10	74	308	239	95	0	11.9	270	36	24 07	52	24	0610	
		Liverpool Airport	84	41	33	-	0	5	41	383	258	38	0	11.9	250	29	19 15	45	24	0915	
	Cheshire	Bidston Observatory	262	64	39	-	0	6	34	235	324	113	14	-	250	32	24 09	54	24	0555	
		Manchester Airport	261	33	33	-	0	4	19	226	368	107	0	8.9	260	26	24 10	42	24	1540	
7b	Anglesey	Holyhead (Valley)	76	50	40	23	2	9	95	229	250	144	0	11.3	190	35	23 23	47	23	2030	
8a	Cardigan	Aberporth	483	41	41	-	0	8	48	298	256	118	0	10.7	240	30	19 13	49	18	0050	
	Pembroke	Milford Haven	246	50	35	-	0	2	9	278	312	100	21	9.6	300	24	24 10	39	19	1500	
	Glamorgan	Port Talbot	91	40	35	-	0	3	12	328	282	98	0	9.7	290	24	24 09	36	24	0635	
		Rhosee	257	37	32	-	0	3	29	241	408	42	0	9.9	270	33	20 14	41	19	1440	
8b	Devon	Plymouth	191	88	65	-	0	2	5	279	311	125	0	8.8	-	28	18 05	35	18	0415	
	Cornwall	St. Mary's, Scilly	230	65	57	-	0	4	26	368	269	37	0	11.6	190	28	18 02	43	17	2340	
		The Lizard	315	75	60	-	0	5	16	352	291	56	5	10.9	200	29	3 18	39	18	0750	
NORTHERN IRELAND																					
	Londonderry	Ballykelly	52	50	35	23, 24	4	7	42	230	294	150	0	9.7	230	36	24 01	67	23	2205	
	Antrim	Aldergrove	281	65	55	24	3	8	70	259	278	110	0	11.0	250	38	24 02	63	24	0155	
		Nutts Corner	344	31	31	-	-	-	-	-	-	-	-	-	250	30	24 03	47	24	0230	
CHANNEL ISLES																					
	Jersey	Jersey Airport	359	86	50	-	0	1	2	424	279	15	0	11.6	030	22	1 16	35	1	0840	

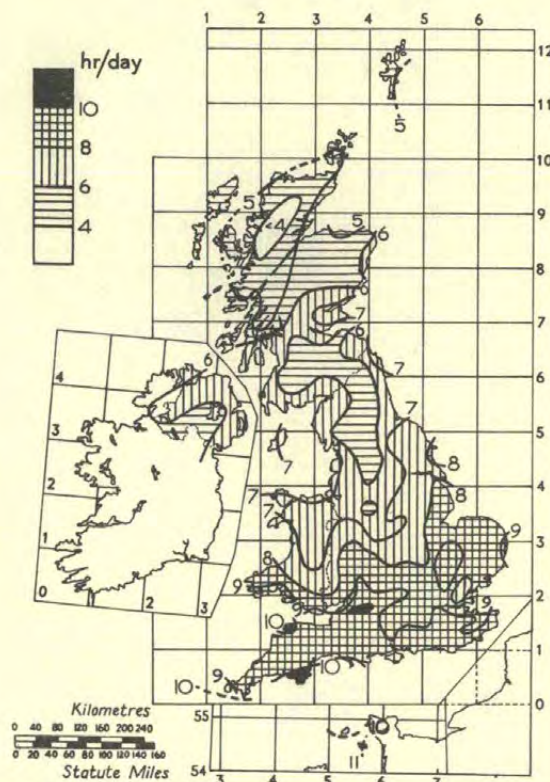


## MEAN PRESSURE AT 9 G.M.T.

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



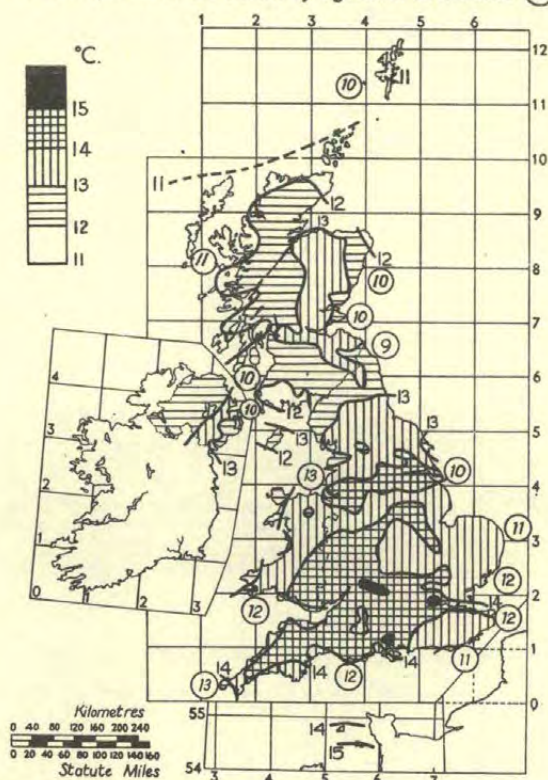
## BRIGHT SUNSHINE



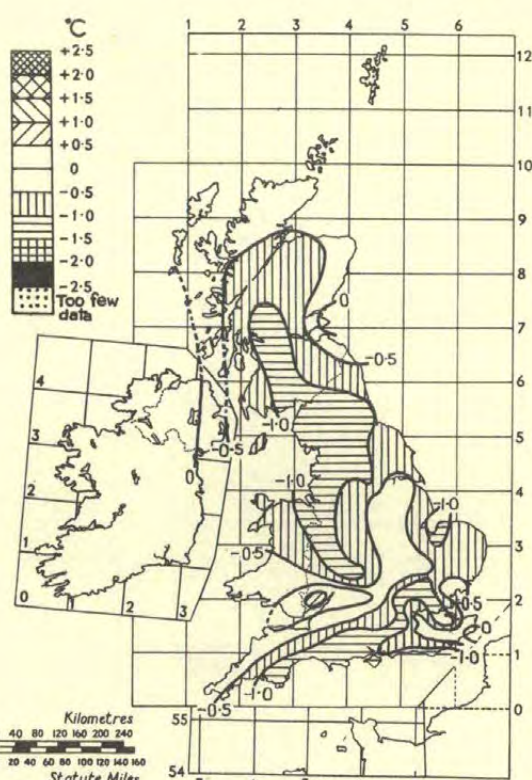
## MEAN AIR TEMPERATURE

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

JUNE 1962

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

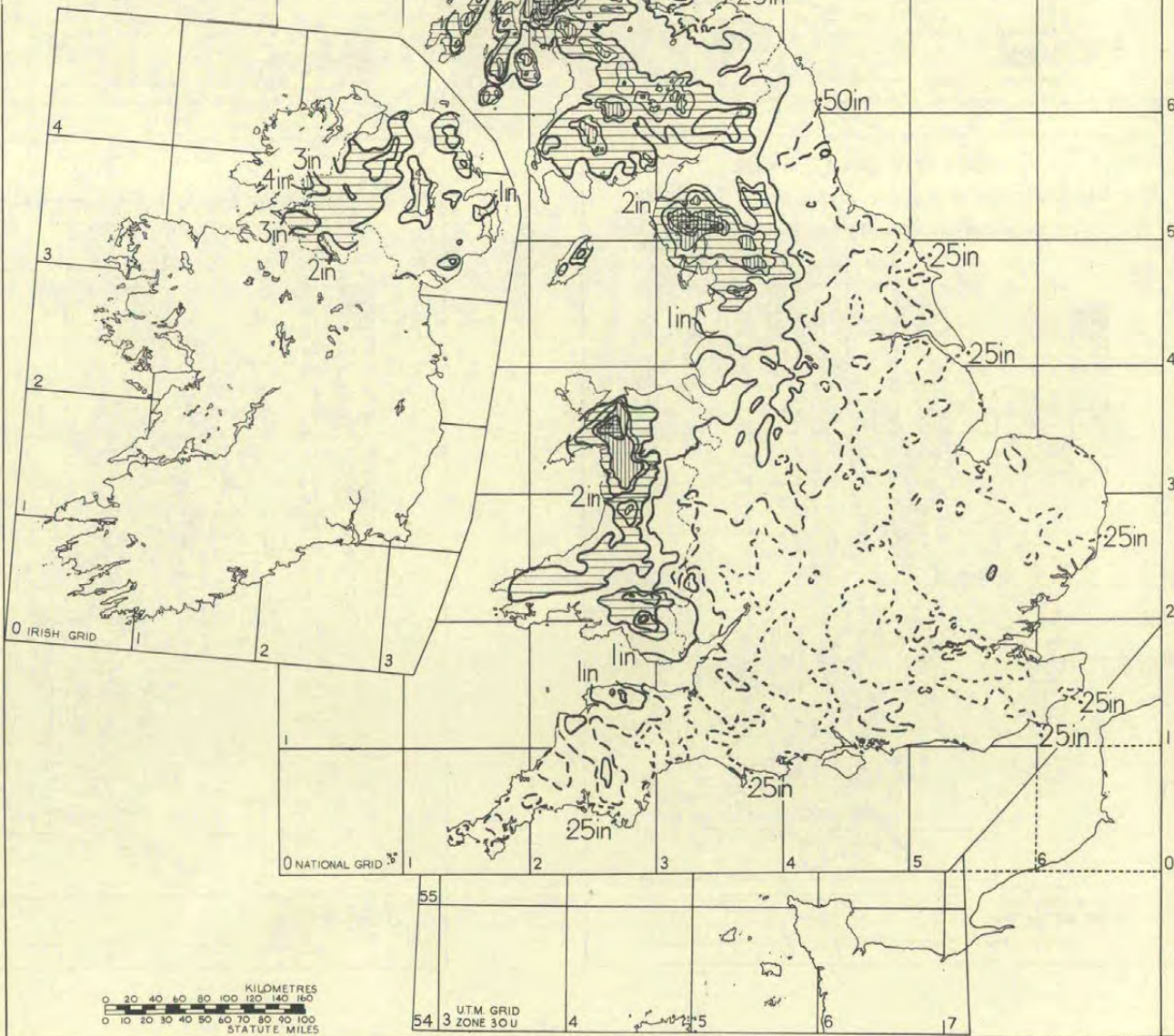
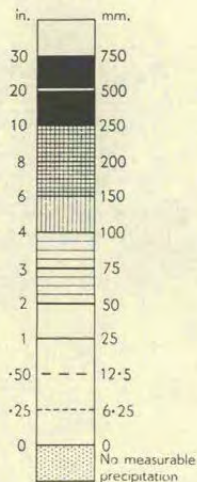




TABLE III — SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER JUNE 1962

DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)		WEATHER (Number of days)										BRIGHT SUNSHINE					
			Means of		Difference from Average	Highest Maximum and Lowest Minimum					Total Fall	Per-centage of Average	Most in a day		Precip'n			Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. °C	Gale	Daily Mean	Per-centage of Average		
			A	B		Maximum	Date	Minimum	Date	1 ft.			4 ft.	Amount	Date	-0.1in. (0.2mm.) or more	-0.4in. (1.0mm.) or more													
			Max.	Min.		Mean Temperature Mean of A and B	Maximum	Date	Minimum	Date			1 ft.	4 ft.	Amount	Date	-0.1in. (0.2mm.) or more												-0.4in. (1.0mm.) or more	
G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.												hr	%			
0 SCOTLAND, N.																														
Zetland	Hamaovoe ...	9 9	70	12.7	8.1	10.4	-	15.6	5.7	2.8	2	-	-	2.06	-	.62	23	16	13	0	0	0	0	1	0	-	3	5.38	-	
	Lerwick Obs'y. ¶	21-9	289	12.6	7.1	9.9	+0.2	18.9	7	0.0	2	-	-	2.26	107	.44	23	19	17	0	0	0	0	2	1	1	1	4.93	93	
Orkney	Baltasound ...	9 9	78	13.7	6.9	10.3	-	17.8	5.8	1.1	2	9.0	-	2.45	95	.57	23	19	15	0	0	0	0	0	0	0	0	5.25	-	
	Sule Skerry ...	9 9	43	12.5	8.7	10.6	-	16.0	5.6	5.5	1	-	-	1.99	-	.24	23	19	16	0	0	0	0	0	0	0	0	-	-	
Caithness	Stenness ...	9 9	75	14.8	8.2	11.5	-	21.1	7	3.3	1	10.4	-	2.43	-	.54	21	23	17	0	0	0	0	0	0	0	0	4.30	-	
	Costa ...	9 9	115	14.8	8.2	11.5	-	21.1	6.7	3.9	1	-	-	2.66	-	.67	21	21	14	0	0	0	0	0	0	0	0	5.46	-	
Sutherland	Blackwall (Grimsetter) ...	21-9	84	14.1	7.8	10.9	-	21.0	7	1.0	1	-	-	2.48	122	.57	21	19	13	0	0	0	0	0	0	0	0	4.96	-	
	Dounreay ...	9 9	70	15.7	8.2	11.9	-	22.8	5.6	1.1	1	-	-	1.76	-	.27	21	16	13	0	0	0	0	1	0	1	3	-	-	
Ross & Cromarty	Wick ... ¶	21-9	119	14.5	7.8	11.1	+0.5	22.1	7	-0.1	1	-	-	2.15	105	.57	21	19	13	0	0	0	0	0	1	2	0	5.35	91	
	Cape Wrath ...	21-9	367	12.3	8.9	10.6	-	19.0	5	4.5	1	-	-	3.01	101	.38	19	20	16	0	0	0	0	0	2	0	0	-	-	
Inverness	Lairg (Achanay) ...	9 9	280	16.5	7.3	11.9	-	22.8	4, 5, 7	-1.1	1	12.6	9.6	2.10	86	.41	19	18	10	0	0	0	0	0	1	5	0	-	-	
	Strathay ...	9 9	120	15.4	8.2	11.8	-	23.3	5	-0.6	1	-	-	2.88	107	.64	23	19	14	0	0	0	0	0	1	-	0	4.33	-	
Glenmore Lodge	Stornoway ...	21-9	11	14.5	8.2	11.3	0.0	20.1	5	1.3	1	-	-	3.07	120	.73	18	19	14	0	0	0	0	0	0	3	0	5.16	94	
	Balmacara ...	9 9	2	-	8.4	-	-	-	-	3.3	1	-	-	5.07	-	.78	18	23	20	-	-	-	-	-	-	-	-	-	-	
Fort William	Poolwee ...	9 9	20	15.0	9.2	12.1	-	21.1	5	2.2	1	-	-	5.83	-	1.34	19	16	16	0	0	0	0	0	0	0	0	4.57	- 5	
	Achnashellach ...	9 9	220	15.4	7.7	11.5	-0.6	23.3	5	1.1	1	-	-	7.59	151	1.29	21	22	16	-	-	-	-	-	-	-	-	-	-	
Kinlochewe	Kinlochewe ...	9 9	76	15.9	8.2	12.1	-	25.0	5	(1.1)	1	11.7	-	7.47	-	1.36	19	20	19	0	0	0	0	0	0	2	2	3.48	- 5	
	Garve (Blackbridge) ...	9 9	690	16.2	6.0	11.1	-	23.9	5	-1.1	1	-	-	3.10	-	.71	19	19	14	-	-	-	-	-	2	5	-	3.99	-	
Tarbatness	Fortrose ... ¶	9 9	15	15.4	9.8	12.6	+0.5	19.4	7, 8	4.4	1	-	-	.94	53	.44	21	9	3	0	0	0	0	0	0	0	-	0	5.24	89
	Tarbatness ...	21-9	60	15.4	9.2	12.3	-	22.0	6	5.0	1	-	-	1.61	-	.45	21	10	9	0	0	0	0	0	0	0	-	0	-	-
Benbecula	Benbecula ...	21-9	19	14.2	9.5	11.9	-	19.8	5	4.8	3	-	-	4.63	159	.85	13	16	16	0	0	0	0	1	0	2	2	5.95	-	
	Isle of Rhum ...	9 9	15	15.3	9.1	12.2	-	21.1	5	2.2	3	13.6	11.0	6.88	-	1.47	13	19	14	0	0	0	0	0	0	4	5	-	-	
Prabost	Prabost ...	9 9	220	14.4	8.4	11.4	-	21.7	5	2.2	1	-	-	7.56	-	1.32	18	22	16	0	0	0	1	0	0	1	3	4.47	-	
	Duntulm ...	9 9	294	13.6	8.6	11.1	-	20.6	5	4.4	1	-	-	5.25	157	1.10	18	18	16	0	0	0	1	2	2	0	0	4.53	-	
Onich	Onich ... ¶	9 9	48	15.3	8.1	11.7	-0.7	21.1	5	2.8	1, 3	-	-	6.47	133	1.26	21	20	16	0	0	1	0	2	0	0	7	0	4.55	96 5
	Fort William (Camaghael) ...	9 9	27	15.9	8.4	12.1	-	20.6	5	1.7	1, 3	12.9	11.4	5.30	-	1.38	21	16	10	0	0	0	0	0	0	2	0	4.70	-	
Fort Augustus	Fort Augustus ...	9 9	70	16.8	8.6	12.7	+0.3	24.4	5	2.8	1	-	-	2.62	-	.66	21	16	12	0	0	0	0	0	0	-	1	4.72	- 5	
	Cannich ...	9 9	350	17.0	6.4	11.7	-	23.9	5	0.6	3	-	-	2.96	111	.74	21	13	9	0	0	0	0	0	0	6	0	-	-	
Dalwhinnie	Dalwhinnie ...	18-9	1176	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Inverness ...	9 9	13	17.3	9.4	13.3	-	22.2	4, 6	5.0	1	-	-	1.10	-	.47	21	8	4	0	0	0	0	0	0	0	0	5.51	-	
Achnagoichan	Achnagoichan ...	9 9	1000	16.0	7.1	11.5	-	22.8	5	-0.6	1	-	-	1.15	-	.34	24	12	9	-	-	-	-	-	1	5	-	-	-	
	Glenmore Lodge ...	9 9	1120	15.7	6.2	10.9	-	23.0	7	-1.6	1	-	-	1.49	-	.33	24	15	11	0	0	0	0	0	1	6	1	4.92	- 5	
1 SCOTLAND, E.																														
Nairn	Nairn ... ¶	9 9	20	17.4	8.7	13.1	+0.8	23.9	7	1.1	1	-	-	.78	41	.25	21	8	5	0	0	0	0	0	0	1	1	5.84	103	
	Grantown-on-Spey ...	9 9	720	17.4	6.9	12.1	-	23.9	5, 7	(-0.6)	1	-	-	1.37	-	.45	24	10	8	-	-	-	-	0	1	2	-	-	-	
Moray	Forres ...	9 9	155	17.2	8.3	12.7	-	23.9	5	0.0	1	13.1	10.6	.69	34	.28	21	7	4	0	0	0	0	0	1	1	0	5.06	-	
	Kinloss ...	21-9	15	17.3	8.7	13.0	-	23.8	5	0.2	1	11.9	-	.77	-	.28	21	10	5	0	0	0	0	0	0	1	1	5.11	-	
Elgin	Elgin ...	9 9	92	17.3	9.0	13.1	-	25.0	5	1.7	1	-	-	.86	-	.21	25	11	7	0	0	0	0	0	0	1	0	5.39	-	
	Lossiemouth ...	9 9	21	16.9	8.4	12.7	-	23.3	5, 6, 7	0.6	1	-	-	.77	-	.22	23	9	6	0	0	0	0	0	0	2	1	-	-	
Banff	Gordon Castle ...	9 9	104	17.4	7.8	12.6	0.0	25.0	5	-0.6	1	-	-	1.31	58	.22	9	11	9	0	0	0	0	0	1	-	0	4.97	87	
	Banff (Coastguard) ...	9 9	80	16.6	8.7	12.7	-	23.9	5	2.8	1	-	-	1.78	-	.29	24	20	13	0	0	0	0	0	0	-	0	4.66	-	
Aberdeen	Braemar ...	9 9	1113	15.7	6.9	11.3	+0.2	22.8	7	0.0	1	-	-	1.69	90	.46	24	10	8	-	-	-	-	0	1	-	-	-	-	
	Balmoral ...	9 9	927	16.2	6.4	11.3	+0.1	23.3	7	0.6	1	-	-	.44	78	.51	24	13	7	0	0	0	0	0	0	1	0	-	-	
Logie Coldstone	Logie Coldstone ...	9 9	608	17.2	6.1	11.7	-0.3	25.0	7	-0.6	2	-	-	.80	-	.26	24	10	7	-	-	-	-	3	-	-	-	-	-	
	Huntly ...	9 9	405	17.4	8.0	12.7	-	25.0	7	1.4	1	-	-	2.81	-	.91	1	17	9	0	0	0	0	0	0	1	0	-	-	
Fyvie Castle	Fyvie Castle ...	9 9	218	17.0	7.4	12.2	-	23.9	7	1.7	1	-	-	1.75	-	.39	24	11	9	-	-	-	-	-	0	1	-	5.56	-	
	Craibstone ...	9 9	300	16.7	7.8	12.3	+0.7	23.9	7	2.2	1	11.6	9.4	1.25	61	.24	17	15	10	0	0	0	0	0	0	2	6	6.44	102	
Dyce	Dyce ...	21-9	190	17.1	7.5	12.3	-	24.4	7	2.0	1	-	-	1.26	59	.22	1	14	11	0	0	0	0	0	0	0	0	6.25	-	
	Aberdeen ...	9 9	170	16.6	8.1	12.3	-	23.3	7	2.2	1	-	-	1.18	57	.36	18	13	8	0	0	0	0	0	0	0	1	6.61	-	
Udny	Udny ...	9 9	363	16.4	7.2	11.8	-	23.3	7	1.1	1	-	-	1.34	-	.35	17	10	10	0	0	0	0	0	0	0	0	5.80	-	
	Rat><																													



TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER

JUNE

1962

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)		WEATHER											BRIGHT SUNSHINE					
				Means of		Difference between Mean of A and B	Highest Maximum and Lowest Minimum				Total Fall			Percentage of Average	Most in a day	Precip'n			Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. 0°C. or less	Gale	Daily Mean	Percentage of Average			
				A	B		Maximum	Date	Minimum	Date		0.1in. (0.2mm.) or more	0.01in. (1.0mm.) or more																			
				Max.	Min.		Max.	Min.	Max.	Min.		Max.	Min.			Amount	Date															
G.M.T.		ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.											hr.	%						
1 SCOTLAND, E.—cont.																																
Midlothian		Balerno ...	9 9	700	17.0	7.0	12.0	-	23.3	5.7	-0.6	1	-	-	.77	-	.21	21	9	7	-	0	-	-	-	-	1	1	-	6.55	-	
		Midcalder ...	9 9	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		Turnhouse ...	21-9	114	18.2	7.8	13.0	-	24.8	5	0.0	1	-	-	.47	25	.23	21	10	4	0	0	0	0	0	0	1	5	1	6.55	-	
		Edinburgh—																														
		East Craigs ...	9 9	200	17.9	8.0	12.9	-	23.9	7	0.0	1	-	-	.44	-	.16	21	9	4	0	0	0	0	0	0	1	6	1	6.61	-	
		Davidson's Mains	9 9	200	18.2	8.6	13.4	-	25.0	7.8	1.7	1	14.2	-	.49	-	.17	21	10	5	0	0	0	0	0	0	1	1	1	6.56	-	
		Penicuik ...	9 9	620	17.3	7.1	12.2	-	24.4	5	-1.7	1	13.6	-	1.03	-	.20	19	13	7	0	0	0	0	0	0	1	2	1	6.47	-	
		Bush House ...	9 9	605	16.7	7.3	12.0	-	22.8	5.7, 8	-1.1	1	12.4	10.1	.91	-	.14	16, 29	15	7	0	0	0	0	0	0	1	2	1	6.25	-	
		Edinburgh—																														
		Blackford Hill §	9 9	441	16.2	8.9	13.5	+0.8	25.0	7	3.3	1	-	-	.34	18	.10	15	8	4	0	0	0	0	0	0	0	0	1	6.75	104	
		Liberton ...	9 9	200	18.0	8.2	13.1	-	25.0	5.7	1.7	1	-	-	.33	-	.10	15	7	5	0	0	0	0	0	0	0	2	1	6.14	-	
		Botanic Garden	9 9	74	17.7	8.7	13.2	-	23.9	7.8	1.7	1	13.8	-	.44	-	.17	21	7	4	0	0	0	0	0	0	0	4	1	6.55	-	
E. Lothian		Haddington ...	9 9	162	18.3	8.4	13.3	-	25.0	7	-0.6	1	-	-	.36	-	.17	15	10	2	0	0	0	0	0	0	1	2	1	5.67	-	
		North Berwick ...	9 9	51	17.8	9.2	13.5	+0.8	24.4	8	6.1	1	-	-	.42	22	.13	15	10	4	0	0	0	0	0	0	0	1	1	5.81	87	
		Dunbar ...	9 9	75	17.2	9.3	13.3	-	23.9	8	2.2	1	-	-	.42	-	.25	15	8	3	0	0	0	0	0	0	0	0	0	0	7.76	-
Berwick		Lauder ...	9 9	600	17.2	6.1	11.7	-	23.9	7	-2.2	1	-	-	1.14	-	.32	15	13	10	0	0	0	0	0	0	1	10	1	6.36	-	
		Marchmont §	9 9	498	17.1	7.5	12.3	-0.2	24.4	8	1.1	1	-	-	.86	43	.24	15	10	7	0	0	0	0	0	0	0	1	1	6.67	108 S	
		St. Abb's Head ...	9 9	245	15.9	9.5	12.7	-	23.8	7	5.5	1	-	-	.75	-	.24	15	10	6	0	0	0	0	0	0	0	0	1	-	-	
Peebles		Broughton ...	9 9	741	16.1	6.3	11.2	-	23.3	5	-2.8	1	-	-	2.23	-	.62	21	17	11	0	0	0	0	0	0	1	6	0	-	-	
		Blyth Bridge ...	9 9	830	15.8	6.6	11.2	-	22.2	5.7, 8	-1.1	1	-	-	1.49	-	.30	21	15	11	0	0	0	0	0	0	1	4	1	5.38	-	
		West Linton ...	9 9	800	16.6	5.8	11.2	-	23.3	5	-2.2	1	12.8	10.3	1.60	-	.34	25	16	10	0	0	0	0	0	0	1	1	0	-	-	
		Peebles ...	9 9	645	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		Peebles (Glentress)	9 9	580	17.6	6.3	11.9	-	23.9	8	-2.2	2	-	-	1.19	-	.28	15	10	9	0	0	0	0	0	0	3	0	-	-	-	
Selkirk		Selkirk (Bowhill)	9 9	600	17.6	6.6	12.1	-	25.6	8	-1.7	1	-	-	1.30	-	.30	15	13	10	0	0	0	0	0	0	1	1	-	-	-	
Roxburgh		Hawick (Wauchope)	9 9	560	17.4	6.2	11.8	-	25.0	8	-2.2	1	-	-	1.13	-	.36	15	13	8	-	1	-	-	-	0	2	-	-	-	-	
		Sourhope ...	9 9	900	16.0	7.1	11.5	-	22.8	8	-1.1	1	-	-	1.32	-	.37	22	13	9	0	0	0	0	0	0	1	4	1	5.02	-	
6a SCOTLAND, W.																																
Argyll		Tiree ... §	21-9	29	14.2	9.2	11.7	-0.3	18.4	7	4.0	3	-	-	3.05	109	.50	21	16	13	0	0	0	0	0	0	0	2	4	5.84	86	
		Rhuvaal ...	21-9	65	14.3	9.4	11.9	-	19.4	7	5.2	1	-	-	3.15	-	.65	18	17	14	0	0	0	0	0	0	1	0	0	3	-	-
		Colonsay ...	9 9	87	15.3	8.6	11.9	-	20.0	7	5.6	1	-	-	2.44	74	.38	20	20	12	0	0	0	0	0	0	1	0	0	5	-	-
		Campbeltown ...	9 9	10	15.7	8.7	12.2	-	20.0	7.8	2.8	1	-	-	1.70	-	.39	23	16	11	-	-	-	-	-	-	-	-	-	6.42	-	
		Tarbert (Achlaghach)	9 9	40	16.2	6.8	11.5	-	21.7	7	-1.1	1	-	-	2.85	-	.41	19	17	14	0	0	0	0	0	0	1	3	0	-	-	
		Oban ...	9 9	229	15.0	7.5	11.3	-	21.7	5	3.3	1	-	-	3.59	101	.62	23	17	13	0	0	0	0	0	0	1	0	0	2	5.50	94
		Lepholmore ...	9 9	30	18.0	8.0	12.0	-	22.2	8	1.7	1	-	-	4.58	-	.89	19	18	12	0	0	0	0	0	0	0	0	0	0	4.49	-
		Glenbranter ...	9 9	120	16.1	6.6	11.5	-1.0	22.2	8	-0.6	1	-	-	6.61	128	1.56	19	16	13	-	-	-	-	0	1	2	-	-	-	-	
		Benmore (Forestry Sch.)	9 9	46	16.4	7.2	11.8	-	22.8	8	1.1	1	12.9	11.1	5.97	113	1.12	19	16	14	0	0	0	0	0	0	0	0	0	8	0	-
		Benmore																														
		(Younger Bot. Gdn.)	9 9	40	16.8	8.1	12.5	-	22.8	8	2.8	1	-	-	6.14	-	1.20	19	17	15	0	0	0	0	0	0	1	0	3	0	-	-
Bute		Rothsay §	9 9	150	16.0	8.6	12.3	-0.4	21.7	8	3.3	1	12.4	10.5	2.71	78	.50	17	16	12	0	0	0	0	0	0	2	0	3	0	6.16	99
		Millport ...	9 9	16	15.4	9.4	12.4	-	21.1	7	5.0	1	-	-	1.79	65	.40	17	13	12	0	0	0	0	0	0	0	0	0	0	5	-
Dunbarton		Helensburgh ...	9 9	283	17.0	8.2	12.6	-0.4	22.8	8	1.7	1	-	-	2.81	83	.56	21	17	12	0	0	0	0	0	0	0	0	0	0	-	-
		Cumbarauld ...	9 9	310	18.1	6.8	12.5	-	25.0	5	0.0	1	-	-	2.05	-	.55	21	16	11	0	0	0	0	0	0	0	1	4	1	-	-
Stirling		Stirling ...	9 9	151	17.6	9.0	13.3	-0.3	24.4	8	3.3	1	16.1	10.4	1.32	59	.37	23	10	7	0	0	0	0	0	0	0	0	0	0	6.64	-
		Falkirk ...	9 9	100	18.2	7.9	13.1	-	24.4	5	2.8	1	-	-	1.60	-	.47	21	11	10	-	-	-	-	-	-	-	-	-	-	-	
Renfrew		Greenock ...	9 9	200	16.8	9.4	13.1	-0.3	22.8	8	6.1	1	-	-	3.51	104	.74	19	15	13	0	0	0	0	0	0	0	1	1	6.96	-	
		Paisley ...	9 9	106	18.3	8.5	13.4	-0.5	24.4	5.8	2.8	1	13.3	10.7	2.10	82	.47	21	12	9	0	0	0	0	0	0	0	3	2	6.43	106	
		Barrhead ...	9 9	97	17.0	8.2	12.6	-	22.8	5.8	0.6	1	-	-	2.29	-	.67	19	12	9	0	0	0	0	0	0	0	0	1			



TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER JUNE 1962

DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)		WEATHER										BRIGHT SUNSHINE					
			Means of		Difference from Average	Highest Maximum and Lowest Minimum				1 ft. 4 ft.		Total Fall	Percentage of Average	Most in a day	Precip'n		Snow or Sleet	Snow lying at 9h.	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. O.C. or less	Gale	Daily Mean	Percentage of Average				
			A Max.	B Min.		Maximum	Date	Minimum	Date						-0.1in. (0.2mm.) or more	-0.01in. (1.0mm.) or more														
G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.											hr	%						
2 ENGLAND, N.E.—cont.																														
Northumberland cont.	Haydon Bridge ...	99	270	17.5	6.6	12.1	-	23.3	7.8	-0.6	1	-	.61	-	.18	15	16	5	0	0	0	0	0	1	7	1	5.63	- S		
	Berwick-on-Tweed ...	99	76	16.3	8.5	12.4	+0.2	23.3	7	1.7	1	-	.63	37	.17	15	12	6	0	0	0	0	0	0	1	2	7.52	116		
	Ponteland ...	99	220	18.0	7.0	12.5	-	25.6	9	-1.1	1	-	.43	-	.19	15	7	4	0	0	0	0	0	0	1	3	1	-	-	
	Cockle Park ...	99	326	16.8	7.3	12.1	-0.3	23.9	8	1.7	1	12.9	.48	27	.20	15	11	3	0	0	0	0	0	0	2	1	6.95	112		
	Acklington ...	21-9	138	18.6	7.5	12.1	-	24.3	8	0.3	1	-	.56	-	.16	25	11	4	0	0	0	0	0	0	0	1	2	7.03	- S	
	Tynemouth ...	21-9	95	15.7	9.5	12.6	-0.3	23.0	8	2.8	1	-	.80	46	.33	15	8	7	0	0	0	0	0	0	0	2	1	6.77	-	
	Chopwellwood ...	99	446	17.2	7.6	12.4	-0.5	25.0	7	0.0	1	-	.68	33	.20	15	13	4	0	0	0	0	0	1	6	1	-	-	-	
	Ushaw College ...	99	594	16.8	7.8	12.3	-0.7	23.9	8	0.6	1	-	.98	52	.37	15	9	5	0	0	0	0	0	0	-	1	-	-	-	
	Houghall ...	99	123	17.9	6.8	12.3	-1.0	25.0	8	-2.2	1	-	.75	39	.31	15	10	7	0	0	0	0	0	1	2	-	1	6.59	109	
	Durham	99	336	17.5	7.5	12.5	-0.6	25.0	8	0.6	1	13.1	.82	46	.32	15	9	6	-	-	-	-	-	0	2	-	1	6.81	113	
Yorks., N. Riding	Gateshead ...	99	509	16.9	9.0	12.9	-	23.9	7	1.7	1	-	.74	-	.32	15	9	5	-	-	-	-	0	1	-	-	-	-	6.64	-
	Middleton St. Gge. ...	21-9	115	18.1	8.5	13.3	-	25.7	8	0.9	1	-	.52	-	.20	15	7	3	0	0	0	0	0	0	1	0	-	1	6.58	-
	West Hartlepool ...	99	30	17.2	9.6	13.4	-	23.3	7	3.3	1	-	.32	-	.12	15	7	4	0	0	0	0	0	0	0	1	-	1	6.78	-
	Dishforth ...	21-9	105	18.8	8.6	13.7	-	25.8	8	0.5	1	-	.54	31	.20	15	8	4	0	0	0	0	0	0	2	1	1	7.35	-	
	York ...	99	57	19.1	9.3	14.2	-0.3	25.6	8	1.7	1	14.5	.42	23	.24	12	7	3	0	0	0	0	0	0	-	1	1	6.82	109	
	Ampleforth ...	99	313	17.4	8.3	12.9	-0.5	24.4	8	1.7	1	-	.40	19	.14	12	8	4	0	0	0	0	0	0	2	5	-	-	-	-
	Redcar ...	99	25	17.9	9.2	13.5	-	23.9	7	1.7	1	-	.39	22	.11	12.15	10	2	0	0	0	0	0	0	-	-	1	6.73	-	
	Whitby ...	99	135	17.2	8.8	13.0	-	23.3	7	2.2	6	-	.34	19	.13	12	9	3	0	0	0	0	0	0	-	0	-	0	7.71	-
	Scarborough ...	99	118	17.8	9.9	13.9	0.0	24.4	9	4.4	1	-	.20	12	.05	12.28	6	3	0	0	0	0	0	0	0	1	-	1	8.02	124
	Silpho Moor ...	99	665	16.8	7.3	12.1	-	22.8	9	1.7	1	11.6	.42	-	.09	12	13	5	0	0	0	0	0	0	3	0	-	1	7.56	-
Yorks., E. Riding	Fylingdales Moor ...	99	805	16.6	7.1	11.9	-	22.8	8	0.0	1	-	.55	-	.13	12	10	5	0	0	0	0	0	1	-	1	-	-	-	-
	High Mowthorpe ...	99	574	16.7	7.4	12.1	-	22.2	8	-0.6	1	13.1	.43	-	.22	12	7	3	0	0	0	0	0	1	4	3	1	7.72	-	
	Hull ...	99	8	18.7	9.3	14.0	-0.5	25.6	8	2.2	1	14.3	.36	21	.22	12	5	3	0	0	0	0	0	0	1	-	1	7.66	122	
	Leconfield ...	21-9	24	18.1	8.3	13.2	-	23.9	8	1.0	1	-	.60	-	.43	12	4	2	0	0	0	0	0	0	1	1	-	1	8.08	-
	Filey ...	99	122	16.6	7.9	12.3	-	22.8	9	1.1	1	-	.25	-	.09	17	5	3	0	0	0	0	0	0	2	0	-	7.79	-	
	Bridlington ...	99	157	16.3	7.8	12.1	-	23.3	9	0.6	1	-	.41	-	.13	12	8	5	0	0	0	0	0	0	1	3	1	8.14	-	
	Spurn Head ...	21-9	29	18.5	10.1	14.3	+0.6	24.2	21	4.2	1	-	.28	-	.14	12	6	3	0	0	0	0	0	0	-	-	1	7.07	106	
	Gainsborough ...	99	110	19.1	8.8	13.9	-	24.4	9	0.6	1	-	.23	-	.23	12	1	1	0	0	0	0	0	0	-	-	1	-	-	-
	Waddington ...	21-9	224	18.5	8.8	13.7	-	24.2	8	0.7	1	-	.14	-	.06	12	5	1	0	0	0	0	1	0	3	0	-	7.61	-	
	Lincoln	99	22	19.1	7.8	13.5	-	24.4	8.9	-4.4	1	13.9	.19	-	.12	12	5	1	0	0	0	0	0	3	8	1	1	7.82	-	
Lincoln	Cranwell ...	99	205	13.7	8.6	13.7	-0.5	24.3	8.9	1.4	1	15.4	.04	3	.01	12	2	0	0	0	0	1	0	7	1	1	7.88	117 S		
	Cleethorpes ...	99	23	18.7	9.3	14.0	0.0	25.0	9.14	2.8	2	-	.30	19	.13	12	4	3	0	0	0	0	0	0	-	0	-	8.47	125	
	Manby ...	21-9	55	18.2	7.9	13.1	-	24.5	9	0.8	1	-	.24	-	.09	25	7	2	0	0	0	0	0	5	0	-	1	8.62	-	
	Skegness ...	99	15	17.8	9.3	13.5	-0.3	24.4	14	2.8	1	-	.20	13	.12	25	5	2	0	0	0	0	0	0	1	-	1	8.33	121	
3 ENGLAND, E.																														
Norfolk	Terrington	99	13	18.7	7.7	13.2	-	23.9	9.15	0.0	3	13.8	.81	54	.64	9	4	2	0	0	0	0	1	5	0	0	1	1	8.67	-
	St. Clement ...	99	76	18.9	7.9	13.4	-	24.7	9	-0.6	3	-	.41	-	.20	25	8	2	0	0	0	0	1	0	2	6	0	-	-	-
	Marham ...	21-9	80	19.9	5.3	12.6	-	25.6	8.14	-5.6	1,3	12.4	.29	-	.14	25	7	3	-	-	-	-	0	9	11	-	-	-	-	-
	Santon Downham ...	99	80	19.9	5.3	12.6	-	25.6	8.14	-5.6	1,3	12.4	.29	-	.14	25	7	3	-	-	-	-	0	9	11	-	-	-	-	-
	West Raynham ...	21-9	250	18.0	8.2	13.1	-	24.7	9	1.5	2	-	.71	-	.42	9	10	3	0	0	0	0	1	0	0	7	0	-	8.63	-
	Cromer ...	99	178	17.4	9.2	13.3	-1.0	26.1	14	3.3	2	-	.41	28	.22	25	8	2	-	-	-	-	0	0	6	-	-	1	9.00	132
	Sprowston ...	99	93	18.2	7.9	13.1	-1.2	25.0	14	0.0	3	13.3	.41	24	.18	25	5	3	0	0	0	0	1	0	1	9	0	-	8.01	119
	Burlingham ...	99	89	18.3	8.4	13.3	-	25.6	14	1.1	3	-	.29	17	.11	18	4	4	0	0	0	0	1	0	4	1	-	1	8.77	-
	Gorleston ...	21-9	12	17.1	9.8	13.5	-0.6	23.3	14.21	3.5	2,3	14.7	.31	19	.09	18	5	4	0	0	0	0	2	0	0	0	0	0	8.70	123
	Mildenhall ...	21-9	15	19.3	8.1	13.7	-	24.6	9	-1.1	3	-	.09	6	.04	25	3	1	0	0	0	0	1	0	2	9	0	-	9.52	-
Suffolk	East Bergholt ...	99	14	19.6	6.8	13.2	-	25.0	9.14	-1.1	3	-	.10	-	.10	18	1	1	0	0	0	0	0	5	11	0	-	-	-	-
	Wattisham ...	21-9	292	18.0	7.5	12.7	-	23.7	14	-0.4	1	-	.20	-	.12	18	3	2	0	0	0	0	1	0	1	5	0	-	-	-
	Lowestoft ...	99	82	17.3	9.1	13.2	-1.0	23.3	21	1.7	1	14.4	.44	27	.12	9	6	4	0	0	0	0	1	0	0	2	0	-	9.05	128
	Boxworth ...	99	157	19.2	7.4	13.3	-	24.4	9	-0.6	1,2	-	.04	3	.01	10.30	4	0	0	0	0	0	0	3	8	-	0	-	9.94	-
	Cambridge Bot. Gdn.¶	99	41	19.9	7.8	13.9	-1.0	25.0	9	-0.6	3	1	.03	2	.02	30	2	0	0	0	0	0	0	1	9	-	-	-	-	-
	Cambridge N.I.A.B.§	99	85	19.6	7.9	13.7	-	25.6	15	0.0	3	-	.02	1	.02	30	1	0	0	0	0	0	0	1	6	0	-	9.65	142	
	Wytton ...	21-9	129	19.2	8.6	13.9	-	24.6	9	0.9	1	-	.07	-	.03	30	3	0	0	0	0	0	2	0	0	3	0	-	-	-
	Woburn ...	99	291	18.8	7.5	13.1	-1.0																							



TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER JUNE 1962

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation Height of Station above Mean Sea Level		AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)				WEATHER Number of days										BRIGHT SUNSHINE				
				Means of		Difference from Average		Highest Maximum and Lowest Minimum						Total Fall		Percent- age of Average		Most in a day		Precip'n 0.01 in. (0.2 mm.) or more 0.04 in. (1 mm.) or more		Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. O C or less	Gale	Daily Mean	Percent- age of Average
Max. Min.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.	in.	%	in.	in.									hr	%					
4 MIDLAND COUNTIES—cont.		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.	in.	%	in.	in.									hr	%				
Yorks., W. Riding— cont.	Ilkley ... ..	9 9	315	18.1	8.5	13.3	-0.4	24.4	7.8	0.0	1	-	-	.70	31	.36	12	10	5	0	0	0	0	0	1	-	0	5.73	95			
	Sheffield ... ..	9 9	429	18.3	9.3	13.8	-0.5	25.0	8	1.7	1	13.8	10.6	.53	28	.20	30	7	5	0	0	0	0	0	0	4	0	6.89	112			
Derby	Wakefield ... ..	9 9	121	19.4	8.8	14.1	-0.4	26.7	8	1.1	1	12.9	10.7	.26	16	.20	12	5	1	0	0	0	0	0	0	5	0	-	-			
	Pontefract ... ..	9 9	255	18.2	9.2	13.7	0.0	24.4	8	2.8	1, 27	-	-	.32	20	.23	12	6	2	0	0	0	0	0	0	0	0	-	-			
	Bramham ... ..	9 9	177	17.9	7.3	12.6	-	23.3	8	-0.6	1	-	-	.35	-	.22	12	7	2	0	0	0	0	0	0	1	3	0	6.80			
	Cawood ... ..	9 9	20	18.8	7.8	13.3	-	25.0	8	-0.6	1	14.7	11.9	.23	13	.23	12	1	1	0	0	0	0	0	0	1	2	0	6.79			
	Askham Bryan ...	9 9	110	18.9	8.1	13.5	-	25.0	8	1.1	1	-	-	.23	12	.22	12	2	1	0	0	0	0	0	0	0	2	0	7.03			
	Buxton ... ..	9 9	1007	15.8	7.2	11.5	-0.8	21.7	8	0.0	1	13.0	10.7	.94	30	.28	25	13	8	0	0	0	0	0	0	1	3	0	-			
	Chapel en le Frith	9 9	732	17.0	7.1	12.1	-	23.3	8	0.0	1	-	-	.80	-	.27	25	10	7	0	0	0	0	0	0	1	8	0	-			
	Mackworth ... ..	9 9	293	18.2	7.9	13.1	-	24.4	8	0.0	1	-	-	.65	-	.15	20	11	8	0	0	0	0	0	0	1	3	0	-			
	Belper ... ..	9 9	203	18.7	7.9	13.3	-0.9	23.3	8, 25	0.6	1, 3	-	-	.45	25	.11	20, 26	7	5	0	0	0	0	0	0	0	0	-	-			
	Derby ... ..	9 9	159	19.1	8.8	13.9	-	25.0	8	1.1	1	-	-	.46	-	.14	20	11	4	0	0	0	0	0	0	0	-	-	7.37			
Nottingham	Morley ... ..	9 9	350	18.3	8.1	13.2	-	24.4	8	0.0	1	-	-	.63	-	.16	26	11	8	0	0	0	0	0	1	6	0	6.39	-			
	Chesterfield ...	9 9	298	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	Sutton Bonington	9 9	157	18.4	7.8	13.2	-1.1	24.4	8	-1.1	1	12.9	11.3	.29	20	.10	30	8	3	0	0	0	0	0	2	11	0	6.49	103			
	Watnall ... ..	21-9	385	18.8	8.4	13.8	-	25.0	8	1.0	1	-	-	.35	20	.13	30	9	2	0	0	0	0	0	0	7	0	7.17	-			
	Mansfield ... ..	9 9	362	18.4	8.9	13.7	-0.5	24.4	8	1.1	1	14.2	-	.36	22	.17	30	7	3	0	0	0	0	0	0	3	0	-	-			
	Nottingham %	9 9	192	18.9	9.2	14.1	-0.6	25.0	8	3.3	1	14.1	11.3	.17	12	.06	30	7	1	0	0	0	0	0	0	0	3	0	6.60	110		
	Warsop (Gleadthorpe)	9 9	150	18.7	6.9	12.8	-	25.0	8	-1.7	1	-	-	.23	15	.14	12	8	1	0	0	0	0	0	5	8	1	7.27	-			
	Finningley ...	21-9	34	19.2	9.0	14.1	-	25.5	8	1.5	1	-	-	.37	-	.31	12	3	1	0	0	0	0	0	0	1	1	7.29	-			
	Leicester	Newtown Linford	9 9	392	18.6	7.2	12.9	-	23.9	8	-0.6	1	-	-	.41	-	.07	10, 25	8	6	0	0	0	0	1	0	2	7	0	7.54	-	
	Caldecott ...	9 9	175	18.7	6.1	12.9	-	25.6	8	-2.8	1, 3	-	-	.13	-	.04	10	5	1	0	0	0	0	0	0	6	8	0	7.83	-		
Northampton	Raunds ... ..	9 9	193	19.6	7.4	13.5	-	25.0	9	-0.6	1, 3	15.1	10.8	.15	10	.06	10	5	2	0	0	0	0	1	0	2	7	0	-	-		
	Wittering ... ..	21-9	212	19.3	8.7	14.0	-	24.6	9	1.8	3	-	-	.10	-	.02	10, 25	6	0	0	0	0	0	1	0	7	0	8.72	-			
Warwick	Birmingham K.E.S.	9 9	450	18.3	9.2	13.7	-	23.9	8	1.1	1	-	-	.58	-	.17	28	9	6	0	0	0	0	0	0	0	0	-	-			
	Birmingham %	21-9	536	18.1	9.7	13.9	-0.4	24.7	8	3.5	1	11.0	9.5	.67	35	.17	28	11	6	0	0	0	0	0	0	3	0	7.20	119			
	Luddington ...	9 9	138	19.8	7.9	13.9	-	25.0	8, 9	-1.1	1	-	-	.24	15	.16	28	4	2	0	0	0	0	0	0	1	6	0	7.96	-		
	Stratford on Avon	9 9	160	19.8	7.6	13.7	-	25.0	8	-0.6	1	16.3	-	.30	-	.18	28	6	2	0	0	0	0	0	2	6	0	8.55	-			
	Birmingham Airport*	21-9	319	18.8	8.0	13.4	-	23.9	8	-0.6	1	-	-	.50	30	.17	28	10	4	0	0	0	0	0	1	7	0	7.94	-			
	Shipston on Stour	9 9	365	18.6	7.8	13.2	-	23.9	8	1.1	1	13.9	-	.29	-	.15	28	8	1	0	0	0	0	0	0	0	8	-	8.58	-		
	Wellesbourne ...	9 9	153	19.4	6.7	13.1	-	23.9	6, 9	-1.7	1	14.8	12.7	.35	21	.21	28	9	2	0	0	0	0	0	4	6	0	7.99	-			
	Moreton Morrell...	9 9	280	19.1	7.5	13.3	-	23.9	8, 9, 17	-0.6	1	-	-	.46	-	.26	28	10	2	0	0	0	0	0	0	1	7	1	8.19	-		
	Coventry ... ..	9 9	338	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	Rugby ... ..	9 9	385	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Oxford	Oxford ... ..	9 9	208	19.8	9.3	14.5	-0.6	25.0	9	1.7	1	16.2	13.2	.21	12	.11	28	6	2	0	0	0	0	0	0	6	0	9.34	140			
	Aylesbury ... ..	9 9	316	19.3	9.1	14.2	-	25.0	9	1.1	1, 3	-	-	.28	-	.14	28	4	2	0	0	0	0	0	0	9	0	8.85	-			
Buckingham	Keele ... ..	9 9	587	16.9	8.7	12.8	-	23.3	8	2.8	1	13.0	10.2	1.02	49	.24	12	13	8	0	0	0	0	0	0	1	0	6.29	-			
	Oaken ... ..	9 9	409	18.9	7.8	13.3	-0.5	25.0	8	0.0	1	13.3	-	.62	-	.20	28	8	7	-	-	-	-	-	1	7	-	-				
Stafford	Stone ... ..	9 9	350	17.7	7.9	12.8	-	23.9	8	0.0	1	-	-	.81	-	.28	12	9	7	0	0	0	0	0	1	5	0	6.22	-			
	Penkridge ... ..	9 9	330	17.9	-	-	-	23.3	8	-0.6	1	-	-	.60	-	.11	28	9	7	0	0	0	0	0	0	6	0	-	-			
Shropshire	Onecote ... ..	9 9	1350	14.8	6.7	10.7	-	21.1	8	0.0	1	10.8	8.1	.36	12	.36	12	-	-	0	0	0	0	0	1	1	1	0	5.17	-		
	Oswestry ... ..	9 9	570	17.4	7.6	12.5	-	23.3	8	2.8	1	-	-	.74	-	.20	12	9	9	0	0	0	0	0	0	3	0	6.96	- S			
	Church Stretton	-	582	-	-	-	-	-	-	-	-	-	-	.50	23	.13	28	9	6	-	-	-	-	-	-	-	-	-	-			
	Shrewsbury ... ..	9 9	184	18.8	8.8	13.8	-	25.0	8	0.6	1	14.9	13.5	.78	45	.34	28	8	4	0	0	0	0	0	0	5	0	7.27	-			
	Shawbury ... ..	21-9	235	18.4	8.1	13.3	-	23.9	8	0.2	1	-	-	.67	39	.22	12	9	3	0	0	0	0	0	0	5	0	7.74	-			
	Newport ... ..	9 9	211	18.6	7.7	13.1	-	24.4	8	0.0	1	-	-	.56	32	.16	12	8	5	0	0	0	0	0	1	4	1	7.10	-			
	Malvern ... ..	9 9	203	19.2	9.8	14.5	-0.5	24.4	8	3.3	1	16.1	11.7	.32	17	.08	18, 28	7	5	0	0	0	0	0	0	1	0	8.59	124			
	Worcester (Redhill)	9 9	190	19.2	9.0	14.1	-	24.4	8	1.1	1	-	-	.21	14	.07	28	5	3	-	-	-	-	-	0	0	-	-	7.83	-		
	Pershore (Institute of Horticulture)	9 9	130	19.3	8.2	13.7	-	25.0	8	0.0	1	-	-	.17	-	.08	28	4	2	-	0	-	-	-	0	1	2	-	8.60	-		
	Pershore ... ..	21-9	114	19.5	8.6	14.1	-	24.2	8	-0.1	1	-	-	.22	-	.09	28	7	1	0	0	0	0	0	0	1	4	0	8.63	-		
Hereford	Lylesowen ... ..	9 9	505	18.4	7.8	13.1	-	23.9	8	-0.6	1	14.3	10.8	.65	-	.22	28	9	6	0	0	0	0	0	0	1	5	0	7.49	-		
	Lyonshall ... ..	9 9	510	18.6	8.3	13.5	-	23.9	8	1.1	1	-	-	.43	-	.14	19	9	3	-	-	-	-	-	0	3	-	-	-			
Gloucester	Ross-on-Wye %	21-9	223	19.3	9.2	14.3	-0.4	23.8	8, 9	0.6	1	15.7	13.0	.11	7	.03	17	7	0	0	0	0	0	0	0	3	0	8.43	125			
	Preston Wynne ...	9 9	274	18.7	7.8	13.3	-	23.9	8	-1.1	1	-	-	.30	-	.08	20	7	4	0	0	0	0	0	0	1	7	0	8.90	-		
Bristol (Filton) ...	21-9	192	19.0	9.5	14.3	-	23.3	8, 17	1.4	1	-	-	.34	18	.15	18	7	3	0	0	0	0	0	0	4	0	9.02	-				
Ruscombe ... ..	9 9	610	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Gloucester (Hempsted)	9 9	39	19.7	9.3	14.5	-	23.9	8, 9, 17	0.6	1	15.2	12.2	.14	-	.06	17	5	1	0	0												

\* previously known as "Elmdon"



TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER JUNE 1962

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)		WEATHER Number of days												BRIGHT SUNSHINE			
				Means of				Highest Maximum and Lowest Minimum						Total Fall	Per-centage of Average	Most in a day		Precip'n		Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. °C. in 100	Gale	Daily Mean	Per-centage of Average	
				A Max.	B Min.	Mean of A and B	Difference from Average	Maximum	Date	Minimum	Date	in.	%	in.	Date	-0.01 in. (0.2 mm.) or more	-0.01 in. (0.2 mm.) or more														
				°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.											hr	%	
5 ENGLAND, S.E.—cont.		G.M.T.	ft.																												
Surrey	Mickleham	9 9	179	18.9	6.4	12.7	-	23.9	9	-1.7	1	-	.37	22	.22	18	7	2	0	0	0	0	0	0	4	8	0	-	-		
—cont.	Kew Observatory	21-9	18	19.3	10.2	14.7	-1.0	25.0	9	3.5	2	15.2	12.4	.28	16	.12	18	5	3	0	0	0	0	0	0	5	0	8.73	124		
	London (Gatwick) Airport	21-9	192	19.2	6.8	13.0	-	23.4	9	-1.6	3	-	.28	-	.13	18	6	2	0	0	0	0	0	0	2	8	0	9.24	-		
Kent	Croydon (Waddon)	9 9	220	19.2	8.8	14.0	-1.3	23.3	17	1.7	1.3	-	.30	19	.15	18	4	3	-	-	-	-	-	-	0	-	-	-	-		
	Addington	9 9	474	18.9	8.6	13.7	-1.0	24.4	9	0.6	1	-	.32	19	.14	18	5	3	-	-	-	-	-	-	0	-	-	-	-		
	Bromley	9 9	213	19.6	8.8	14.2	-1.4	25.0	9	1.1	3	-	.30	19	.15	28	4	3	-	-	-	-	-	-	0	-	-	-	-		
	Swanley	9 9	177	19.7	7.0	13.3	-	25.6	9	-2.2	3	14.6	-	.29	-	.17	28	3	2	0	0	0	0	0	0	4	9	0	8.30	-	
	Dartford	9 9	17	19.7	8.2	13.9	-	26.1	9	-1.1	3	-	.41	28	.18	28	4	4	0	0	0	0	0	0	0	2	-	-	-	-	
	Tunbridge Wells	9 9	351	18.9	7.3	13.1	-1.6	24.4	9	-0.6	3	16.2	13.7	.22	13	.11	18	4	2	0	0	0	0	0	0	2	3	0	9.44	126	
	Goudhurst	9 9	280	19.0	6.4	12.7	-	24.4	9	-1.7	2.4	-	.31	18	.11	28	7	3	0	0	0	0	0	0	4	10	0	-	-		
	East Malling	9 9	122	19.4	6.6	13.0	-1.6	25.6	9	-1.7	2	-	11.9	.38	24	.16	28	5	4	0	0	0	0	0	0	3	6	0	9.02	124	
	Benenden	9 9	195																												
	Gillingham	9 9	14	19.8	8.8	14.3	-	25.6	9	2.2	3.4	-	-	.20	-	.08	18	4	3	0	0	0	0	0	0	0	-	0	8.14	-	
	Sittingbourne	9 9	224	18.4	7.3	12.9	-	23.9	9	-1.1	3	14.2	11.6	.27	-	.13	18	5	2	0	0	0	0	0	0	2	9	0	9.29	-	
	Isle of Grain	9 9	9	19.0	10.4	14.7	-	23.9	9	3.9	2	-	-	.10	-	.05	18	3	2	-	-	-	-	-	0	0	1	-	8.55	-	
Faversham	9 9	157	18.7	7.4	13.1	-	24.4	9	0.0	3	13.9	11.6	.20	-	.10	10	3	2	0	0	0	0	0	0	1	6	0	8.87	-		
Dungeness	21-9	10	16.7	8.3	12.5	-	19.8	18	0.0	2	-	-	.23	18	.14	18	4	3	0	0	0	0	0	0	1	-	-	-	-		
Wye	9 9	185	18.8	7.8	13.3	-1.3	23.9	9	-1.1	2.3	-	-	.19	12	.10	18	3	1	0	0	0	0	0	0	2	2	0	8.82	120		
Whitstable	9 9	9	18.2	8.7	13.5	-	23.3	14	1.1	2	-	-	.15	12	.07	10.18	3	2	0	0	0	0	0	0	0	-	-	-	-	-	
Folkestone	9 9	128	17.2	10.1	13.7	-	21.7	24	3.9	2.3	-	12.6	.19	14	.13	18	3	2	0	0	0	0	0	0	0	0	0	9.74	-		
Wingham (Elmstone)	9 9	28	19.4	7.3	13.3	-	24.4	13.14	-0.6	2.3.4	-	-	.12	-	.06	10.18	2	2	-	-	-	-	-	0	3	3	-	-	-	-	
Herne Bay	9 9	21	19.0	10.2	14.6	-	24.4	14	3.3	2	-	-	.14	10	.08	18	2	2	0	0	0	0	0	0	0	0	0	8.72	-		
Dover	9 9	19	16.9	10.2	13.5	-1.1	20.0	8.24	2.2	2	15.2	13.3	.27	17	.21	18	3	2	0	0	0	0	0	0	0	0	0	9.04	- S		
Dover R.M.S.	9 9	402	15.5	-	-	-	20.0	24	-	-	-	-	.26	15	.20	18	3	2	0	0	0	0	0	0	0	-	-	-	-	-	
Deal	21-9	18	18.5	13.1	15.8	-	22.0	2.31	7.8	5	-	-	.14	-	.10	18	2	2	0	0	0	0	0	0	0	0	0	-	-	-	
Manston	21-9	145	18.1	9.2	13.7	-	23.3	14	0.	2	-	-	.11	-	.06	18	2	2	0	0	0	0	0	0	0	0	2	0	-	-	-
Ramsgate	9 9	80																													
Margate	9 9	51	17.4	10.9	14.1	-1.0	23.9	14	6.1	2	15.3	12.6	.10	8	.08	18	2	1	0	0	0	0	0	0	0	0	0	9.26	118		
Thorney Island	21-9	10	19.0	8.9	13.9	-	23.0	8	1.4	2	-	-	.30	21	.18	18	5	2	0	0	0	0	0	0	0	0	2	0	9.23	-	
Bognor Regis	9 9	24	16.9	9.7	13.3	-1.5	20.6	28	3.3	1.2	-	13.2	.25	16	.16	18	3	2	0	0	0	0	0	0	0	0	0	9.49	122		
Littlehampton	9 9	15	17.4	9.3	13.3	-1.5	21.1	7.24	2.2	2	-	13.6	.27	17	.16	18	2	2	0	0	0	0	0	0	0	0	0	9.47	119		
Rustington	9 9	10	17.3	7.8	12.5	-	21.1	17	-0.6	2	-	11.8	.32	-	.18	18	7	2	-	-	-	-	-	1	3	-	-	9.09	-		
Worthing	9 9	25	17.7	9.9	13.8	-1.3	21.7	24	3.3	1	14.8	12.6	.31	20	.16	18	7	2	0	0	0	0	0	0	0	0	2	0	9.43	116	
Brighton	9 9	32	17.4	9.9	13.7	-	22.2	7.17	2.2	3	-	13.4	.21	14	.20	18	2	1	0	0	0	0	0	0	0	0	0	8.88	-		
East Grinstead	9 9	400	19.2	7.0	13.1	-	23.9	9	0.6	3	(15.9)	11.8	.16	-	.10	18	2	2	0	0	0	0	0	0	0	2	6	0	-	-	
Seaford	9 9	45	16.8	8.5	12.7	-	20.6	8.9.17	0.6	2	-	-	-	-	-	-	-	-	-	-	-	-	-	0	-	-	-	9.02	-		
Eastbourne	9 9	23	16.7	9.7	13.2	-1.6	21.7	9	3.3	1.2	15.3	13.2	.50	31	.18	18	9	5	0	0	0	0	0	0	0	1	0	9.67	118		
Eastbourne (C/guard)	21-9	17	17.2	9.0	13.1	-	22.0	9	2.0	2	-	-	.36	-	.15	18	6	3	0	0	0	0	0	0	0	0	2	0	-	-	
Bexhill	9 9	12	16.6	9.4	13.0	-1.8	20.0	7	2.8	2.3	15.4	-	.41	27	.18	18	7	2	0	0	0	0	0	0	0	0	2	0	9.09	-	
Sedlescombe	9 9	188	18.3	7.5	12.9	-	22.2	9.17	1.1	3	-	-	.38	-	.14	18	9	3	0	0	0	0	0	0	0	0	7	0	-	-	
Bodiam	9 9	73	18.7	7.1	12.9	-	23.9	9	-1.1	2.3	14.4	11.6	.22	-	.11	18	4	2	-	-	-	-	-	0	3	12	-	8.95	-		
Hastings	9 9	149	16.9	9.5	13.2	-1.6	20.6	7	2.8	3	16.3	13.7	.34	22	.15	18	7	2	0	0	0	0	0	0	0	0	0	9.36	118		
Berkshire	Letcombe Regis	9 9	350	19.4	7.4	13.4	-	24.4	9	-1.1	1	-	.15	-	.12	28	3	1	0	0	0	0	0	0	0	2	-	-	-	-	
	Abingdon	21-9	210	20.3	8.6	14.5	-	25.7	9	1.2	2	-	-	.17	12	.13	28	3	1	0	0	0	0	0	0	0	6	0	9.47	-	
	Compton	9 9	339	19.3	6.7	13.0	-	23.9	9	-1.7	1	-	-	.08	-	.04	28	4	1	0	0	0	0	0	0	3	9	0	(8.37)	- S	
	Woolhampton	9 9	370																												
Hampshire	Wallingford	9 9	157	19.7	7.1	13.4	-	25.0	9	-2.2	1	14.2	11.8	.10	-	.08	28	3	1	0	0	0	0	0	0	3	8	0	8.60	-	
	Shinfield	9 9	20																												



TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER JUNE 1962

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation		Height of Station above Mean Sea Level		AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)		WEATHER Number of days										BRIGHT SUNSHINE			
						Means of		Mean Temperature of A and B	Difference from Average	Highest Maximum and Lowest Minimum						Total Fall	Per-centage of Average	Most in a day		Precip'n		Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost or less	Gale	Daily Mean	Per-centage of Average
										Maximum	Date	Minimum	Date					Amount	Date	0.1 in. (0.2 mm.) or more	0.4 in. (1.0 mm.) or more										
G.M.T.		ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.											hr	%					
7a ENGLAND, N.W.																															
Cumberland	Sellafield...	9 9	43	15.7	9.3	12.5	-	20.6	17	3.9	1	-	1.89	71	.38	25	14	11	-	0	-	-	-	0	0	1	-	6.57	-		
	Carlisle ...	21-9	86	17.1	8.2	12.7	-	22.2	8	0.4	1	-	1.30	-	.29	15	13	7	0	0	0	0	0	0	2	0	6.11	-			
	Newton Rigg	9 9	560	16.8	7.1	11.9	-1.0	23.3	8	0.0	1	12.9	1.33	61	.31	15	13	11	-	0	-	0	0	0	1	4	-	6.02	95		
	Spadeadam ...	9 9	900	15.4	6.6	11.0	-	21.7	5	-2.2	1	11.7	2.66	-	.61	11	15	11	0	0	1	0	0	0	1	2	2	5.87	-		
Westmorland	Ambleside ...	9 9	151	16.9	8.1	12.5	-	23.9	8	0.6	1	-	3.81	101	.65	19	13	12	0	0	1	0	0	0	0	-	0	5.61	-		
	Great Dun Fell ...	-	2780	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(3.05)	-			
Lancashire	Moor House ...	9 9	1825	13.1	4.2	8.7	-	19.4	8	-3.9	1	9.1	3.11	-	.43	23	17	14	-	0	-	-	-	2	5	8	-	5.27	-		
	Barrow-in-Furness	9 9	55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	Squires Gate ...	21-9	33	16.8	8.9	12.9	-	22.2	17	-1.0	1	-	1.13	51	.28	12	12	7	0	0	0	0	0	0	1	4	2	7.64	-		
	Urswick ...	9 9	130	18.1	8.0	13.1	-	22.8	6, 17	1.7	1	-	1.79	-	.32	25	14	11	0	0	0	0	0	1	0	-	-	-			
	Poulton-le-Fylde	9 9	38	17.1	9.1	13.1	-	22.2	17	1.7	1	-	1.43	-	.29	12	10	7	0	0	0	0	0	0	-	0	-	-			
	Grizedale ...	9 9	300	16.7	6.2	11.5	-	22.2	8	-1.1	1	13.1	4.19	-	.82	11	15	12	0	0	0	0	0	0	2	-	0	-			
	Liverpool Airport	21-9	80	18.0	10.5	14.3	-	23.8	7	4.8	1	-	1.03	50	.33	12	9	7	0	0	0	0	0	0	0	0	0	6.54	-		
	Kirkham ...	9 9	78	17.1	8.5	12.8	-	21.7	7, 8, 17	0.6	1	-	1.42	57	.32	12	11	7	0	0	0	0	0	0	0	3	0	6.98	-		
	Garstang ...	9 9	68	16.7	8.5	12.6	-	21.1	7, 8, 17	0.0	1	-	1.36	-	.32	12	11	8	-	0	-	-	-	0	1	1	-	7.16	-		
	Morecambe ...	9 9	24	16.7	9.8	13.3	-0.9	22.2	7, 17	3.9	1	-	2.03	82	.46	12	11	10	0	0	0	0	0	0	0	-	0	7.00	97		
	Preston (Moor Pk.)	9 9	108	17.6	9.1	13.3	-	22.8	8	1.1	1	-	1.33	50	.36	25	12	8	0	0	0	0	1	0	0	3	0	-	-		
	Bolton ...	9 9	352	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Cheshire	Darwen ...	9 9	724	16.7	8.1	12.4	-1.0	23.3	8	1.1	1	13.1	1.94	59	.44	25	19	9	0	0	0	0	0	0	0	-	0	-	-		
	Stonyhurst	9 9	377	17.1	8.4	12.7	-0.9	22.8	6, 7	1.1	1	-	1.46	48	.31	25	12	7	-	0	-	-	-	0	0	1	-	6.42	101		
	Manchester	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	Weather Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	Helmshore ...	9 9	854	16.0	7.9	11.9	-	21.7	7	0.6	1	12.3	1.45	-	.34	25	14	8	-	0	-	-	-	0	0	5	-	6.36	-		
	Manchester (Smokeless Zone)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.35	- 5		
	Burnley ...	9 9	655	16.7	7.4	12.1	-	22.2	7	-1.1	1	12.2	1.55	-	.31	12	17	7	0	0	0	0	0	0	1	2	0	-	-		
	Nelson ...	9 9	540	16.7	8.2	12.5	-	22.2	7, 8	0.0	1	13.0	1.27	46	.29	12	14	8	-	0	-	-	-	0	1	3	-	5.86	-		
Rochdale ...	9 9	362	17.5	7.9	12.7	-	23.3	7	0.6	1	-	.86	-	.21	12	13	6	0	0	0	0	0	0	0	0	1	5.67	-			
Cheshire	West Kirby Park	9 9	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	Bidston Obs'y.	9 9	198	16.9	10.5	13.7	-0.3	22.2	17	4.4	1	-	1.08	55	.35	12	10	6	-	-	-	-	0	0	0	-	7.18	103			
	Northwich (Winnington)	9 9	65	18.9	9.9	14.4	-	25.6	8	2.8	1	-	.96	45	.32	12	10	7	0	0	0	0	0	0	1	0	-	-			
	Knutsford ...	9 9	212	19.3	8.7	14.0	-	25.6	8	1.1	1	14.5	.86	-	.24	12, 25	12	5	-	0	-	-	-	0	3	-	-	-			
	Manchester Airport	21-9	248	17.8	9.5	13.7	-0.6	23.4	8	2.9	1	-	.78	33	.29	25	9	5	0	0	0	0	0	0	0	0	6.47	111			
	Macclesfield ...	9 9	500	17.8	9.1	13.5	-0.4	23.9	8	1.7	1	-	1.04	39	.43	12	10	5	0	0	0	0	0	0	0	-	1	-	-		
	7b NORTH WALES																														
	Flint	Rhyl ...	9 9	31	17.2	10.1	13.7	-0.3	22.2	6	3.3	1	-	1.27	76	.41	28	8	5	0	0	0	0	0	0	0	-	1	7.66	107	
Prestatyn ...		9 9	12	17.3	9.9	13.6	-	22.2	17	3.9	3	-	1.14	60	.35	28	7	5	0	0	0	0	0	0	0	-	0	7.43	-		
Anglesey	Hawarden Bridge	9 9	17	18.9	9.2	14.1	-0.2	23.9	17	1.1	1	-	1.40	77	.62	12	11	7	0	0	0	0	0	0	0	-	0	-	-		
	Holyhead (Valley)	21-9	26	15.7	9.3	12.5	-0.8	20.2	8	1.2	1	-	1.63	82	.77	15	14	8	0	0	0	0	0	0	1	0	2	2	6.89	93	
Denbigh	Alwen ...	9 9	1100	15.4	5.6	10.5	-	21.1	7, 8	-0.6	17	-	1.76	-	.32	12	17	13	-	-	-	-	-	4	8	-	-	-			
	Ruthin ...	9 9	248	17.6	8.3	12.9	-	22.2	7	3.3	3	-	1.54	-	.41	12	10	6	-	0	-	-	-	0	-	-	-	-			
Merioneth	Loggerheads ...	9 9	690	16.4	7.7	12.0	-	21.7	8	1.1	1	12.8	1.21	-	.39	12	12	5	0	0	0	0	0	0	0	3	0	-	-		
	Bwchgwyn ...	9 9	1267	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Caernarvon	Wrexham ...	9 9	275	18.3	9.2	13.7	-	23.3	8	1.7	1	13.6	1.10	-	.32	12	10	6	0	0	0	0	0	0	0	2	0	-	-		
	Bardsey Island ...	21-9	60	14.6	9.1	11.9	-	18.0	6, 9, 17	5.7	1	-	1.73	-	.57	15	10	10	-	-	-	-	-	0	0	-	-	-			
Bryn Adda	Botwnnog ...	9 9	112	16.2	8.7	12.5	-	21.1	7, 8	2.8	1	15.0	1.92	-	.57	15	13	10	0	0	0	0	0	0	1	0	1	7.53	-		
	Bryn Adda ...	9 9	275	16.5	8.9	12.7	-	21.7	8	2.2	1	-	2.80	-	.75	15	16	10	0	0	0	0	0	0	0	3	0	6.50	-		
Aber	Cwm Dyli ...	9 9	324	16.4	8.7	12.5	-	22.8	8	1.1	1	12.8	1.54	-	1.47	12	16	14	-	0	-	-	-	0	0	4	-	-			
	Aber ...	9 9	60	16.6	9.3	12.9	-0.9	20.6	8	3.9	1	-	1.95	73	.70	15	15	11	0	0	0	0	0	0	0	1	1	6.42	97		
Llandudno	Llandudno ...	9 9	13	16.2	10.4	13.3	-0.7	21.1	5	3.3	1	-	1.62	91	.46	28	13	7	0	0	0	0	0	0	0	-	0	7.69	108		
	Llyn Stwlan ...	9 9	1656	12.3	7.4	9.9	-	17.8	8	1.1	1	-	9.53	-	3.03	12	15	14	-	0	-	-	-	0	2	-	-	-			
Trawsfynydd	Trawsfynydd ...	9 9	611	-	-	-	-	-	-	-	-	-	4.08	-	.70	21	14	14	-	-	-	-	-	-	-	-	-	-			
	Blaenau Ffestiniog	9 9	750	16.1	8.9	12.5	-	22.8	8	3.3	1	-	5.96	-	1.50	12	14	13	0	0	0	0	0	4	0	-	0	4.95	- 5		
Montgomery	Corwen ...	9 9	473	17.4	6.4	11.9	-	22.8	7, 8	-2.2	1	-	.98	-	.22	12	13	7	0	0	0	0	0	0	1	7	0	-	-		
	Ceinws ...	9 9	200	-	-	-	-	23.9	8	-1.1	1	-	4.04	-	.96	21	15	11	-	-	-	-	-	0	2	-	-	-			
Lake Vyrnwy	Lake Vyrnwy ...	9 9																													



TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER JUNE 1962

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)		WEATHER										BRIGHT SUNSHINE						
				Means of		Difference from Average	Highest Maximum and Lowest Minimum				Total Fall			Percentage of Average	Most in a day	Precip'n		Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. 0°C. or less			Gale	Daily Mean	Percentage of Average		
				A Max.	B Min.		Maximum	Date	Minimum	Date	1 ft.	4 ft.	Amount	Date	-0.1in. (0.2mm.) or more	-0.4in. (1.0mm.) or more																
				Max. Min.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.											hr	%				
ENGLAND, S.W.																																
Somerset	HawkrIDGE (Liscombe)	9 9	1030	15.8	7.9	11.9	-	20.0	8	2.2	1.4	-	-	1.04	-	.27	19	11	8	-	0	-	-	-	-	2	0	4	-	-	-	
	Cannington	9 9	95	19.1	9.5	14.3	-	23.9	17	2.2	1	15.6	.21	13	.07	11.19	4	3	0	-	0	0	0	0	0	0	6	0	9.35	-		
	Weston-s.-Mare	9 9	28	19.4	10.6	15.0	-	23.3	17	2.8	1	-	.34	19	.15	19	5	3	0	0	0	0	0	0	0	0	1	0	8.72	123		
	Long Ashton	9 9	162	19.2	9.2	14.2	-0.6	23.9	8	0.6	1	15.8	.49	23	.17	18	8	5	0	0	0	0	0	0	0	0	4	0	10.00	141		
	Bath (City)	9 9	388	18.9	9.0	13.9	-	23.3	8, 17	1.1	1	-	.18	-	.07	11	4	3	0	0	0	0	0	0	0	0	-	0	-	-		
Dorset	Boys' School	9 9	67	19.9	9.3	14.6	-0.7	24.4	8	0.6	1	16.2	.25	14	.07	11	7	3	0	0	0	0	0	0	0	0	2	0	9.87	141		
	Bath	21-9	35	15.6	11.0	13.3	-0.6	17.8	8	6.0	1	-	.07	5	.04	17	3	1	0	0	0	0	0	0	0	0	1	-	-	-		
	Portland Bill	9 9	16	18.7	10.4	14.5	-0.6	23.3	8	5.0	1	-	.23	16	.12	17	6	1	0	-	-	-	-	-	1	0	-	-	-	-		
	Weymouth	9 9	680	18.0	7.5	12.7	-1.2	22.8	8, 9	1.1	1, 2	-	.28	15	.09	17	6	4	0	-	-	-	-	-	2	0	-	-	-	-		
	Shaftesbury	9 9	37	17.7	9.8	13.7	-	21.1	28	3.9	2	-	13.3	.31	-	.13	18	5	3	0	-	0	0	0	0	1	0	0	0	9.90	-	
Devon	Swanage	9 9	18	19.8	8.6	14.2	-	23.3	28	1.7	1, 2	-	.24	-	.10	17	5	3	0	0	0	0	0	0	0	0	-	0	9.26	-		
	Poole	9 9	412	15.3	10.7	13.0	-	18.8	17	4.3	1	-	.59	-	.13	17	11	6	0	0	0	0	0	0	0	2	0	0	1	9.93	-	
	Clawton	21-9	298	17.3	9.8	13.5	-0.9	21.7	8	3.8	2	-	.20	10	.06	15	7	2	0	0	0	0	0	0	0	1	0	0	10.36	139		
	Hartland Pt.	9 9	119	17.9	10.3	14.1	-0.8	22.2	9	4.4	1, 2	14.9	.23	11	.07	15.17	6	2	0	0	0	0	0	0	0	0	1	0	9.94	132		
	Plymouth (The Hoe)	21-9	20	18.2	9.8	14.0	-	23.6	7	3.7	1, 2	-	.89	-	.45	10	9	5	0	0	0	0	0	0	0	0	1	0	10.06	-		
Cornwall	Chivenor	9 9	25	16.8	11.6	14.2	-0.3	22.8	17	5.6	1	16.4	1.26	66	.30	19	9	6	0	0	0	0	0	0	0	0	0	0	0	10.26	137	
	Ilfracombe	9 9	120	18.6	7.6	13.1	-	23.9	9	0.0	4	15.2	.42	19	.12	15	9	4	0	0	0	0	0	0	0	11	0	0	9.73	-		
	Totnes	9 9	104	17.4	9.7	13.5	-	21.7	9	6.1	1, 3, 9	-	.28	-	.09	15	8	4	0	0	0	0	0	0	0	0	0	0	0	-	-	
	Slapton	9 9	272	18.5	8.6	13.5	-1.1	23.3	8	3.3	1	-	.27	14	.11	17	6	3	0	0	0	0	0	0	0	0	1	0	9.91	141		
	Newton Abbot	9 9	8	18.5	9.9	14.2	-	23.9	9	4.4	1, 4	-	.29	15	.09	11	7	4	0	0	0	0	0	0	0	0	0	0	0	9.98	130	
Devon	Paignton	9 9	26	18.1	10.3	14.2	-0.9	23.3	9	5.0	4	-	.22	12	.07	17	6	3	0	0	0	0	0	0	0	0	0	0	0	10.14	130	
	Torquay	9 9	20	18.1	10.3	14.2	-1.0	21.7	9	4.4	4	-	.20	12	.09	17	4	2	0	0	0	0	0	0	0	0	0	0	0	9.54	125	
	Teignmouth	9 9	29	18.2	8.2	13.2	-	22.2	29	1.7	1, 4	15.3	.29	-	.15	17	5	2	0	0	0	0	0	0	0	3	0	0	9.81	-		
	Starcross	9 9	160	18.9	8.1	13.5	-	23.3	9	1.7	2	-	.31	-	.19	17	4	2	0	0	0	0	0	0	0	0	0	0	0	-	-	
	Exeter (Southam)	9 9	195	17.7	9.2	13.5	-0.8	22.2	29	2.8	1	-	.22	12	.13	17	5	2	0	0	0	0	0	0	0	0	0	0	0	9.46	131	
Cornwall	Exmouth	21-9	106	19.0	8.3	13.7	-	23.6	9	1.8	2	-	.21	12	.13	17	5	2	0	0	0	0	0	0	0	0	6	0	0	9.60	-	
	Sidmouth	9 9	25	17.6	9.0	13.3	-1.1	21.7	29	3.3	1, 2	-	.15	-	.10	17	2	2	0	-	-	-	-	-	1	0	0	0	0	10.52	-	
	St. Mary's, Scilly	21-9	158	17.2	10.9	14.1	0.0	19.2	9	7.5	2	-	.22	13	.11	18	6	2	0	0	0	0	0	0	0	0	0	0	0	10.14	133	
	Penzance	9 9	62	17.6	10.1	13.9	-1.0	21.1	8, 9	4.4	2	-	.38	19	.14	17	9	3	0	0	0	0	0	0	0	0	0	0	0	8.79	119	
	Gulval	9 9	50	17.8	10.2	14.0	-0.6	21.7	8, 9	3.9	2	-	.41	-	.14	17	8	5	0	-	-	-	-	-	-	0	0	0	0	9.10	118	
Devon	Culdrose	9 9	268	16.3	9.3	12.8	-	20.6	9	3.3	1	-	.24	-	.12	17	6	1	0	0	0	0	0	0	0	0	0	0	0	9.92	-	
	Camborne (Rosewarne)	9 9	250	16.8	9.9	13.3	-	20.6	7, 8	4.4	1, 2	15.0	.57	-	.30	17	8	4	0	0	0	0	0	0	0	0	0	0	0	9.61	-	
	Lizard	9 9	240	16.5	9.9	13.2	-	20.4	9	5.5	2	-	.28	17	.19	17	6	2	0	-	0	0	0	0	0	0	0	0	0	9.87	-	
	Falmouth	9 9	167	16.9	10.1	13.5	-1.3	21.7	9	4.4	2	-	.44	22	.24	17	8	2	0	0	0	0	0	0	0	0	0	0	0	9.67	126	
	Newquay	9 9	176	16.8	10.1	13.5	-0.7	21.7	7	2.2	2	-	.24	13	.12	17	5	3	0	-	0	0	0	0	0	0	0	0	0	9.13	121	
Cornwall	St. Mawgan	21-9	337	16.7	9.7	13.2	-	21.8	7	2.7	1	-	.33	-	.14	17	9	3	0	0	0	0	0	0	0	0	1	0	0	9.65	-	
	St. Austell	9 9	310	17.6	9.4	13.5	-	22.8	9	4.4	1, 2	-	.45	19	.22	17	8	4	0	0	0	0	0	0	0	0	0	0	0	-	-	
	Fowey	9 9	51	17.8	9.7	13.7	-1.0	23.3	9	3.3	1	-	.25	-	.09	17	7	2	0	0	0	0	0	0	0	0	0	0	0	-	-	
	Bude	9 9	50	17.3	8.7	13.0	-1.2	22.8	8, 17	1.1	2	13.9	.46	26	.13	18	8	6	0	-	-	-	-	-	0	0	0	0	9.54	129		
	Ellbridge	9 9	190	18.1	8.5	13.3	-	23.3	9	2.2	1	-	.33	-	.13	15	7	3	0	0	0	0	0	0	0	0	2	0	0	9.04	-	
NORTHERN IRELAND																																
Londonderry	Loughmore Forest	9 9	572	15.7	6.9	11.3	-	22.2	7, 8	0.0	3	-	1.97	-	.44	18	17	13	0	0	0	0	0	0	0	0	1	5	0	-	-	
	Eglinton	9 9	38	16.6	9.1	12.9	-0.6	22.9	7	1.7	3	-	1.27	57	.19	18	14	11	0	0	0	0	0	0	0	0	1	2	0	6.11	105	
	Ballykelly	21-9	3	16.6	9.1	12.9	-	23.3	7	0.6	1	-	2.07	-	.68	18	12	10	0	0	0	0	0	0	0	0	0	0	0	0	-	-
	Derrynoyd Forest	9 9	292	16.7	7.3	12.0	-	23.3	7, 8	0.6	1	-	2.07	-	.68	18	12	10	0	0	0	0	0	0	0	0	0	0	0	0	-	-
	Somerset Forest	9 9	142	16.4	8.1	12.3	-	23.3	7	0.6	3	-	1.71	-	.22	18	18	14	0	0	0	0	0	0	0	0	0	0	0	0	-	-
Antrim	Garvagh Forest	9 9	292	16.6	7.4	12.0	-	23.9	8	0.0	17	-	2.44	-	.59	18	15	13	0	0	0	0	0	0	0	0	1	5	0	-	-	
	Garvagh	9 9	121	16.8	7.7	12.3	-0.5	23.9	8	0.6	3	13.8	-	2.04	75	.57	18	17	13	0	1	0	1	0	0	0	9	2	-	-	-	
	Portrush	-	18	16.8	7.7	12.3	-0.5	23.9	8	0.6	3	13.8	-	2.04	75	.57	18	17	13	0	1	0	1	0	0	0	9	2	-	-	-	
	Aldergrove	21-9	217	16.5	8.0	12.3	-0.8	22.6	8	-1.2	1	-	1.47	65	.32																	



DISTRICT, COUNTY AND PLACE		Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (OKTAS)					VISIBILITY										WIND, NUMBER OF OBSERVATIONS																																																							
				At Mean Sea Level	Difference from Average	Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	No. of Observations					NUMBER OF OBSERVATIONS					FORCE (0-12)					DIRECTION																																																							
										Mean Amount	0	1	2	3 to 5	6	7	8	9	0-44 yd.	45-210 yd.	220-430 yd.	440-1,000 yd.	1,100-2,100 yd.	2,200-4,300 yd.	3-6 mi.	7-12 mi.	13-24 mi.	25 mi. or over	Beaufort Force					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.																																							
																													8 or more	9 or more	10 or more	11 or more	12 or more									Speed in knots	0	1	2	3	4	5	6	7	8	9	10	11	12																									
																																						23 to 33	11 to 21	1 to 10	0																																							
																																						34 or more	24 to 33	12 to 21	1 to 10	0																																						
																																						35 or more	25 to 34	13 to 22	1 to 11	0																																						
																																						36 or more	26 to 35	14 to 23	1 to 12	0																																						
																																						37 or more	27 to 36	15 to 24	1 to 13	0																																						
																																						38 or more	28 to 37	16 to 25	1 to 14	0																																						
																																						39 or more	29 to 38	17 to 26	1 to 15	0																																						
																																						40 or more	30 to 39	18 to 27	1 to 16	0																																						
																																						41 or more	31 to 40	19 to 28	1 to 17	0																																						
																																						42 or more	32 to 41	20 to 29	1 to 18	0																																						
																																						43 or more	33 to 42	21 to 30	1 to 19	0																																						
																																						44 or more	34 to 43	22 to 31	1 to 20	0																																						
																																						45 or more	35 to 44	23 to 32	1 to 21	0																																						
																																						46 or more	36 to 45	24 to 33	1 to 22	0																																						
																																						47 or more	37 to 46	25 to 34	1 to 23	0																																						
																																						48 or more	38 to 47	26 to 35	1 to 24	0																																						
																																						49 or more	39 to 48	27 to 36	1 to 25	0																																						
																																						50 or more	40 to 49	28 to 37	1 to 26	0																																						
																																						51 or more	41 to 50	29 to 38	1 to 27	0																																						
																																						52 or more	42 to 51	30 to 39	1 to 28	0																																						
																																						53 or more	43 to 52	31 to 40	1 to 29	0																																						
																																						54 or more	44 to 53	32 to 41	1 to 30	0																																						
																																						55 or more	45 to 54	33 to 42	1 to 31	0																																						
																																						56 or more	46 to 55	34 to 43	1 to 32	0																																						
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TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS JUNE 1962

[illegible]







1962

H See Notes on Tables in the Introduction.



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



# Monthly Weather Report

## OF THE METEOROLOGICAL OFFICE

M.O. 722

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

Volume 79 Number 7

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July 1962 — *Cool, mainly dry.*

An anticyclone in the eastern Atlantic maintained a north-west to north airstream over the British Isles during most of the first week. The 6th-8th was anticyclonic, but from then until the 26th a succession of complex and slow-moving depressions with intervening ridges crossed the country, some approaching from the south-west. The last few days were again mainly anticyclonic.

Weak troughs moving over the country on the 1st and 2nd in a north-westerly airstream gave occasional rain, chiefly at night. In the extreme south the 2nd was sunny and warm, 26°C being reached in Dorset, but temperature fell sharply the next day as winds veered towards the north. By the 4th, which was one of London's coolest July days for 14 years, weather was generally showery and rather dull with maximum temperatures at many places more than 5°C below the average.

On the 6th a ridge of high pressure spread over the country from the west. Winds became light and variable and weather fine and dry for two or three days with unbroken sunshine in some southern districts.

A depression moving eastwards towards south-west England on the 9th and 10th became quasi-stationary over the Irish Sea on the 11th. Thundery rain and thunderstorms reached south-west districts late on the 9th and spread to the whole country on the 10th. Rain was heavy and prolonged locally, leading to floods in many places in central and southern England; in Worcestershire over three-quarters of an inch of rain was recorded in 25 minutes. Thunderstorms were also widespread on the 11th, but during the day low pressure was transferred eastwards to the North Sea. Scattered showers the next day gradually died out as a weak ridge spread across southern England. Early fog patches on the 13th gave place to a generally sunny day, but the improvement was short-lived, as frontal rain, ahead of another depression approaching south-west England, reached all districts during the night. The 14th was generally wet with heavy thunderstorms, the depression filling as it moved eastwards along the English Channel. Weather slowly improved on the 15th and the next two days were dry and sunny in most places as a ridge of high pressure spread across the country.

The 18th was also mainly fine in the east but rain in the west, associated with a vigorous depression approaching Scotland from the Atlantic, spread to all districts by the evening. There were outbreaks of rain but good sunny periods in most areas on the 19th and 20th with the depression quasi-stationary and filling off western Scotland, but late on the 20th a secondary depression off south-west England moved quickly northwards over the Irish Sea, bringing widespread rain that night, and heavy rain with thunder to Scotland the following day; many places in south-east England, however, had 12 hours sunshine.

The 22nd was showery with long sunny periods in the south, and a ridge of high pressure developing northwards across the country gave a generally fine day on the 23rd.

Warm-front rain, associated with a depression approaching the Bay of Biscay, advanced north-east across the country on the 24th,

and as the depression moved eastward across northern France, there were thunderstorms in southern England on the 25th and 26th; they were particularly violent in south-east England on the 26th and heavy rain led to floods in many places.

The next three days were mainly dry with variable cloud as a ridge of high pressure moved slowly south across the country, but a depression skirting the north of Scotland gave widespread rain on the 30th. The last day of the month was generally fair with thundery showers in the north.

**Pressure and Wind** — Mean pressure was above the average everywhere the excess at 9 hr ranging from 4.8 mb at Stornoway to 0.5 mb at Scilly. Surface winds were north-westerly at first becoming northerly on the 3rd-5th, after which they were very variable in direction until the end of the month, apart from a period of south-easterlies on the 8th-10th and south westerlies on the 18th-22nd. Winds reached gale force on 6 days in Scotland and on the 2nd, 3rd, 21st, 22nd and 26th (5 days) in England and Wales. A gust of 48 kt was recorded at Moor House on the 2nd.

**Temperature** — Mean temperature was below the 1921-50 average for the fifth successive month, the deficit being -1.5°C in England and Wales, -1.4°C in Scotland and -1.1°C in Northern Ireland. It was a cool month everywhere with mean maximum temperatures in some east coast districts 3°C below the average.

**Extremes included:** (England and Wales) 27.2°C at Cannington on the 25th, -1.1°C at Alwen on the 6th; (Scotland) 25.6°C at Loch Tay on the 13th, -1.0°C at Coalburn on the 18th; (Northern Ireland) 22.8°C at Baronscourt on the 9th and 13th and at Newry on the 29th, 3.3°C at Loughgall on the 5th.

**Precipitation** — The general precipitation expressed as a percentage of the 1916-50 average was 78 in England and Wales, 79 in Scotland and 60 in Northern Ireland. Less than average rainfall occurred over the whole country except eastern districts of Scotland south of the Moray Firth, the extreme south-west of England and parts of East Anglia and south-east England; more than 150 per cent occurred locally around the London area. Rainfall was less than 50 per cent of the average in parts of central southern England, the Lake District and locally in North Wales, Northern Ireland and western Scotland.

Thunder was heard on 5 days in Scotland and on the 4th, 9th-13th and 19th-29th (17 days) in England and Wales, where thunderstorms were widespread on the 10th, 11th, 25th and 26th.

**Sunshine** — The general sunshine expressed as a percentage of the 1921-50 average was 74 over England and Wales, 98 over Scotland and 86 over Northern Ireland. Amounts were above the average in western districts northward from Argyllshire but below the average elsewhere.

**Fog** — Early morning fog was reported from widely scattered places on 13 days mainly during the second and last weeks of the month.

**Miscellaneous Phenomena** — The aurora was seen on one occasion, at Renfrew on the night of the 12th/13th.



TABLE I—DISTRICT VALUES— JULY 1962 (1908, revised 1928, 1941 and 1956)

DISTRICTS	AIR TEMPERATURE					EARTH TEMPERATURE		RAINFALL		SUNSHINE
	Highest	Lowest	Difference from Average			At 1 ft. Difference from Average	At 4 ft. Difference from Average	Per-centage of Average	No. of Days Difference from Average	Per-centage of Average
			Max.	Min.	Mean					
	°C.	°C.	°C.	°C.	°C.	°C.	°C.	%	%	%
0 SCOTLAND, N. Eastern	23.9	0.0	-1.1	-1.2	-1.2	—	—	54	-6	106
1 SCOTLAND, E.	25.6	-0.6	-2.2	-1.5	-1.9	—	—	104	-3	92
2 ENGLAND, N.E.	24.4	0.0	-2.7	-1.4	-2.1	-2.2	-1.0	79	-3	70
3 ENGLAND, E.	25.6	0.0	-2.6	-1.5	-1.9	-1.6	-0.8	104	-1	72
4 MIDLAND COUNTIES	26.7	1.7	-2.0	-1.0	-1.5	-1.0	-0.4	74	-3	67

DISTRICTS	AIR TEMPERATURE					EARTH TEMPERATURE		RAINFALL		SUNSHINE
	Highest	Lowest	Difference from Average			At 1 ft. Difference from Average	At 4 ft. Difference from Average	Per-centage of Average	No. of Days Difference from Average	Per-centage of Average
			Max.	Min.	Mean					
	°C.	°C.	°C.	°C.	°C.	°C.	°C.	%	%	%
5 ENGLAND, S.E. Western	25.9	2.8	-1.9	-0.7	-1.3	-1.3	-0.8	77	0	72
6 SCOTLAND, W.	25.0	-1.0	-1.1	-1.1	-1.1	-1.5	-1.1	75	-7	97
7 ENGLAND, N.W. (and N. Wales)	25.4	-1.1	-1.9	-0.7	-1.3	-1.1	-0.7	63	-6	81
8 ENGLAND, S.W. (and S. Wales)	27.2	0.6	-1.3	-0.8	-1.1	-0.6	-0.3	77	0	80
NORTHERN IRELAND	22.8	3.3	-0.9	-1.2	-1.1	-	-	60	-7	86

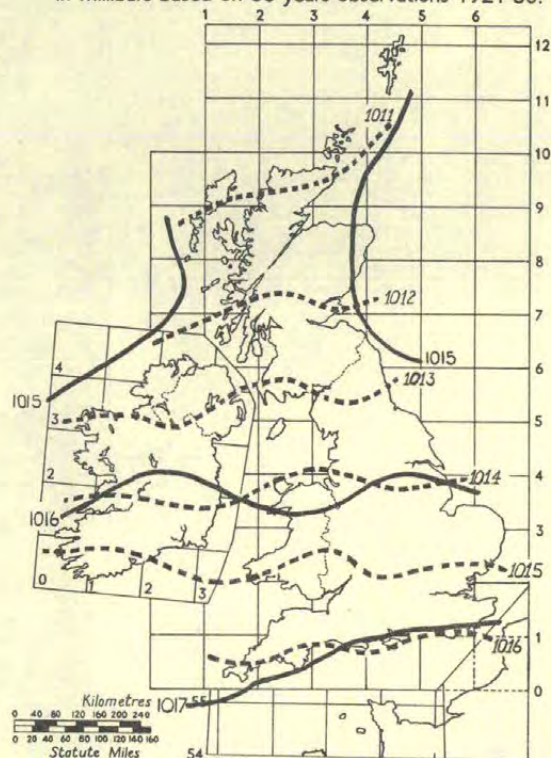
TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— JULY 1962 (1914)

DISTRICT, COUNTY AND PLACE		Height of Vane			Distribution of Mean Hourly Values of Wind Speed										Mean Hourly Wind Speed	Highest Velocities					
		Above Mean Sea Level	Above Ground	Effective Height	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					
					Dates of Occurrence	Duration	No. of days	Duration	Duration	Duration	Duration	Veer from N.	Speed	Hour ended at		Speed	Day and Time				
		ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	knots	°	knots	day hr.	knots	day	h.m.			
SCOTLAND																					
0	Zetland	Lerwick	304	33	33	-	0	4	15	356	317	56	0	10.9	310	23	2	20	62	2	2145
	Orkney	Kirkwall (Grimsetter)	134	50	33	-	0	7	57	374	268	45	0	11.8	300	28	2	18	44	2	1610
	Caithness	Dounreay	110	39	30	-	0	3	17	359	353	15	0	11.1	120	27	19	08	42	2	1840
	Ross & Cromarty	Stornoway (Coastguard)	120	40	36	-	0	7	50	392	194	108	0	11.7	190	30	19	23	42	19	2325
	Inverness	Duirinish	125	65	55	-	0	3	15	270	354	105	0	9.3	190	26	19	23	40	19	0220
		Benbecula	69	51	35	-	0	4	32	419	261	32	0	12.1	180	28	20	12	44	20	1325
1	Moray	Lossiemouth	101	80	60	-	0	4	6	273	377	88	0	9.2	310	25	2	20	40	2	1930
	Aberdeen	Dyce	225	40	40	-	0	1	8	196	291	249	0	7.0	320	24	3	09	37	3	0945
	Angus	Bell Rock Lighthouse	128	131	124	-															
	Perth	Rannoch	1006	56	57	-	0	7	27	268	352	71	26	9.9	-	28	18	24	43	18	2300
	Fife	Leuchars	78	40	40	-	0	1	3	247	440	54	0	9.0	130	22	19	03	32	19	0200
	Midlothian	Edinburgh	485	39	23	-	0	1	2	180	376	186	0	7.6	270	22	1	21	37	1	1445
6a	Argyll	Tiree	89	60	47	18	1	8	89	306	232	116	0	11.6	110	34	18	24	45	18	2335
	Bute	Millport	50	34	34	-	0	4	21	192	262	269	0	7.4	050	32	11	01	43	11	0340
	Renfrew	Paisley	188	81	31	-	0	0	0	119	439	186	0	6.5	180	18	20	15	36	3	1700
		Renfrew	71	41	39	-	0	0	0	198	436	110	0	7.7	090	20	10	13	34	2	1140
	Ayr	Prestwick Airport	68	33	33	-	0	0	0	216	385	143	0	8.4	080	20	10	11	33	3	1655
	Dumfries	Eskdalemuir	825	50	35	-	0	1	2	89	370	283	0	5.5	300	23	2	17	37	1	1330
	Wigtown	West Freugh	83	33	33	-	0	6	21	225	351	137	10	8.7	320	25	3	13	37	3	1550
ENGLAND AND WALES																					
6b	Isle of Man	Point of Ayre	70	40	35	-	0	3	8	283	300	153	0	9.3	230	25	19	13	39	19	1235
		Ronaldsway	119	64	39	-	0	7	31	373	292	48	0	11.7	210	25	19	11	36	3	1520
2	Durham	Durham	389	53	33	-	0	1	2	128	331	274	9	5.8	230	24	21	12	44	21	1050
		South Shields	73	57	44	-	0	1	2	267	362	113	0	9.0	310	24	3	10	36	2	1105
	Lincoln	Cranwell	288	47	47	-	0	2	3	168	433	143	0	7.7	240	23	22	10	39	2	1655
3	Norfolk	Gorleston	45	33	33	-															
	Suffolk	Mildenhall	98	83	60	-	0	1	1	101	514	128	0	6.7	260	22	22	11	39	22	1030
	Bedford	Cardington	226	133	133	-	0	4	19	252	401	72	0	9.4	220	25	22	09	37	2	1340
	Hertford	Rothamsted	461	41	33	-	0	0	0	41	497	206	0	5.0	110	15	9	14	32	22	1245
		Stanstead Abbots	138	41	40	-	0	0	0	71	486	187	0	5.8	090	17	9	14	31	21	0935
	Essex	Coryton	66	57	48	-	0	0	0	172	532	32	8	8.3	220	17	21	17	36	21	1650
		Shoeburyness	118	106	91	-	0	5	37	294	397	16	0	11.2	210	32	21	15	46	21	1655
4	Yorks., W.R.	Sheffield	533	83	35	-	0	0	0	47	532	165	0	5.9	290	17	2	12	43	2	1210
	Warwick	Birmingham (Edgbaston)	643	118	73	-	0	0	0	123	528	93	0	6.9	310	19	3	11	30	3	1110
	Stafford	Keele	706	50	40	-	0	0	0	139	325	280	0	6.0	330	18	3	10	36	2	1725
	Gloucester	Avonmouth	92	61	33	-	0	3	34	207	296	205	2	8.1	240	28	22	04	40	22	0355
5	London	Kingsway	208	143	41	-	0	0	0	109	559	76	0	7.3	090	18	9	13	34	22	1550
	Middlesex	London (Heathrow) Airport	115	33	33	-	0	1	1	150	539	54	0	8.0	090	23	9	14	33	9	1315
		Hampton	139	101	100	-	0	0	0	105	484	155	0	6.6	220	20	21	16	39	22	1525
	Surrey	Kew Observatory	92	75	50	-	0	0	0	88	448	208	0	5.9	100	20	9	14	39	11	1140
		London (Gatwick) Airport	232	38	33	-	0	1	4	109	436	195	0	6.6	220	23	21	17	38	21	1650
	Kent	Isle of Grain	48	40	33	-	0	0	0	93	202	425	24	4.2	210	20	21	14	37	21	1550
		Dungeness	70	50	33	-															
		Dover	68	38	62	-	0	0	0	168	434	142	0	7.5	230	21	22	13	42	22	1215
	Sussex	Thorney Island	75	65	42	-	0	0	0	121	368	255	0	6.1	230	20	22	14	38	22	1335
	Hampshire	Calshot	50	41	33	-	0	3	8	339	365	32	0	10.5	240	23	21	16	34	22	1135
		S. Farnborough	318	69	35	-	0	1	1	89	418	236	0	5.7	240	22	22	13	33	22	1245
	Berkshire	Abingdon	295	40	40	-	0	0	0	124	389	231	0	6.3	260	21	22	15	37	22	1355
	Wiltshire	Larkhill	491	51	36	-	0	0	0	41	305	398	0	4.1	140	15	9	13	31	9	1225
		Porton	406	44	44	-	0	0	0	121	340	283	0	5.8	130	19	9	12	31	9	1150
7a	Cumberland	Carlisle	137	42	42	-	0	0	0	177	396	171	0	6.9	220	18	21	12	31	21	1135
		Sellafield	83	39	35	-	0	0	0	184	374	181	5	7.3	210	21	21	18	29	21	1800
		Spadadam	959	51	40	-	0	5	19	235	327	163	0	8.7	230	24	21	13	40	21	1200
	Westmorland	Moor House	1960	50	45	-	0	8	60	255	302	124	3	10.5	280	33	2	11	48	2	1100
	Lancashire	Southport	59	41	33	-	0	7	67	254	306	117	0	10.3	260	29	22	04	39	22	0315
		Liverpool Airport	84	41	33	-	0	3	6	348	325	65	0	10.5	230	24	21	18	36	3	1315
	Cheshire	Bidston Observatory	262	64	39	-	0	2	9	223	289	174	49	-	280	24	2	09	43	22	0735
		Manchester Airport	261	33	33	-	0	1	1	238	339	166	0	7.9	230	22	21	15	36	22	0600
7b	Anglesey	Holyhead (Valley)	76	50	40	-	0	5	40	211	309	184	0	8.8	220	27	21	24	39	22	0001
8a	Cardigan	Aberporth	483	41	41	-	0	4	26	259	285	174	0	8.9	250	(26)	22	06	41	18	1835
	Pembroke	Milford Haven	246	50	35	-	0	0	0	179	394	162	9	7.5	(260)	20	21	18	(37)	21	1755
	Glamorgan	Port Talbot	91	40	35	-	0	3	23	279	292	150	0	9.3	270	26	22	04	45	1	1925
		Rhoose	257	37	32	-	0	3	32	221	419	72	0	9.3	260	26	22	14	40	22	0425
8b	Devon	Plymouth	191	88	65	-	0	0	0	231	324	189	0	7.6	-	20	13	17	30	8	1100
	Cornwall	St. Mary's, Scilly	230	65	57	-	0	4	13	295	279	157	0	9.1	270	25	22	04	37	9	1655
		The Lizard	315	75	60	-	0	2	4	273	296	149	22	8.8	270	24	22	02	33	3	1415
NORTHERN IRELAND																					
	Londonderry	Ballykelly	52	50	35	-	0	3	14	177	271	282	0	6.7	130	25	18	13	42	18	1255
	Antrim	Aldergrove	281	65	55	-	0	1	3	284	320	137	0	8.7	130	23	18	20	38	19	1030
		Nutts Corner	344	31	31	-	-	-	-	-	-	-	-	-	150	26	18	20	38	18	1815
CHANNEL ISLES																					
		Jersey Airport	389	86	50	-	0	4	8	360	335	41	0	10.7	250	23	21	19	34	21	1820

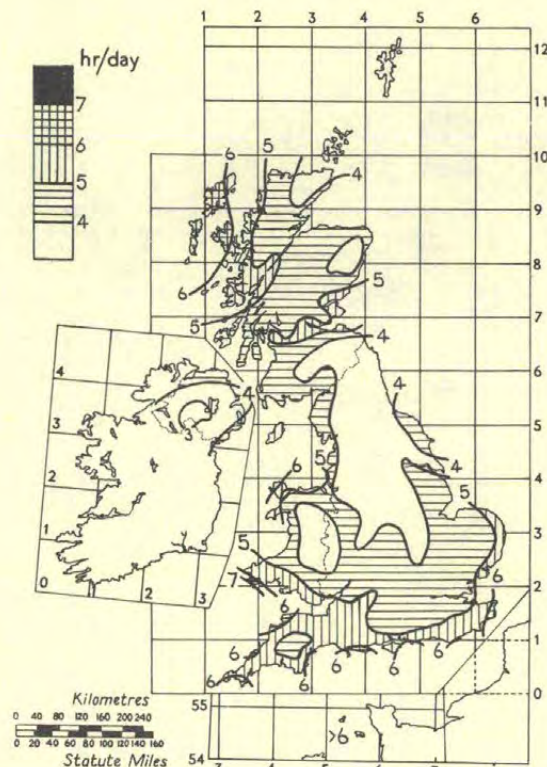


## MEAN PRESSURE AT 9 G.M.T.

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

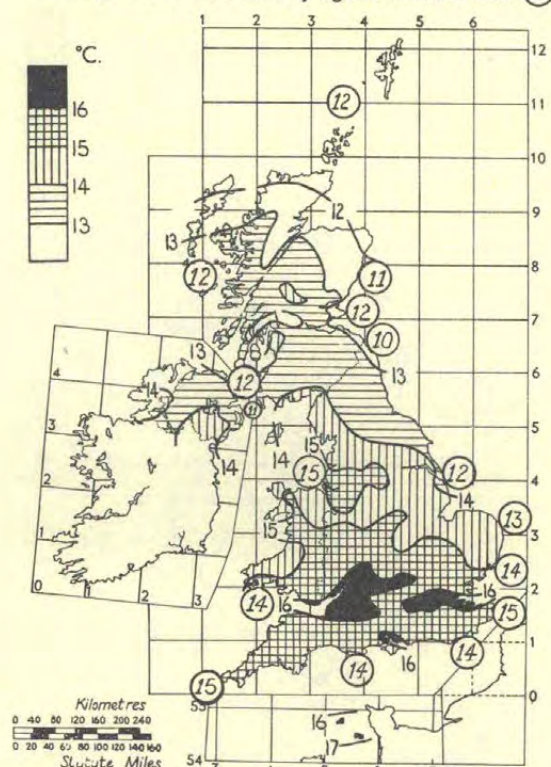


## BRIGHT SUNSHINE

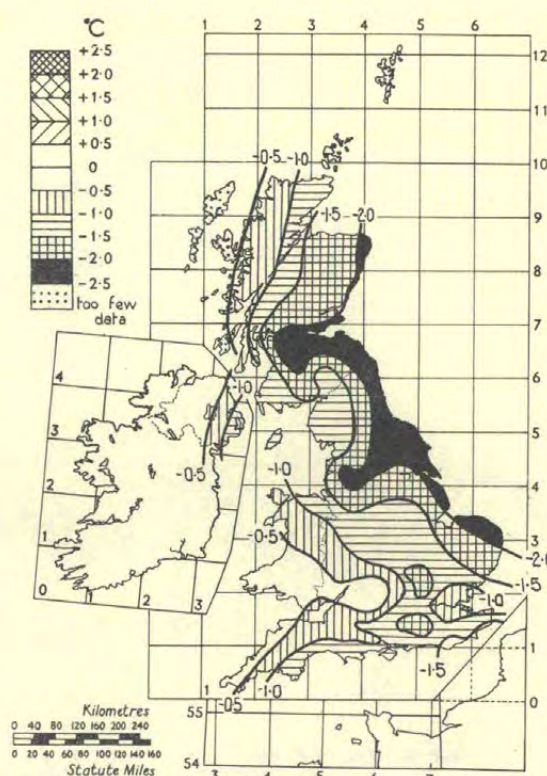


## MEAN AIR TEMPERATURE

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

JULY 1962

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

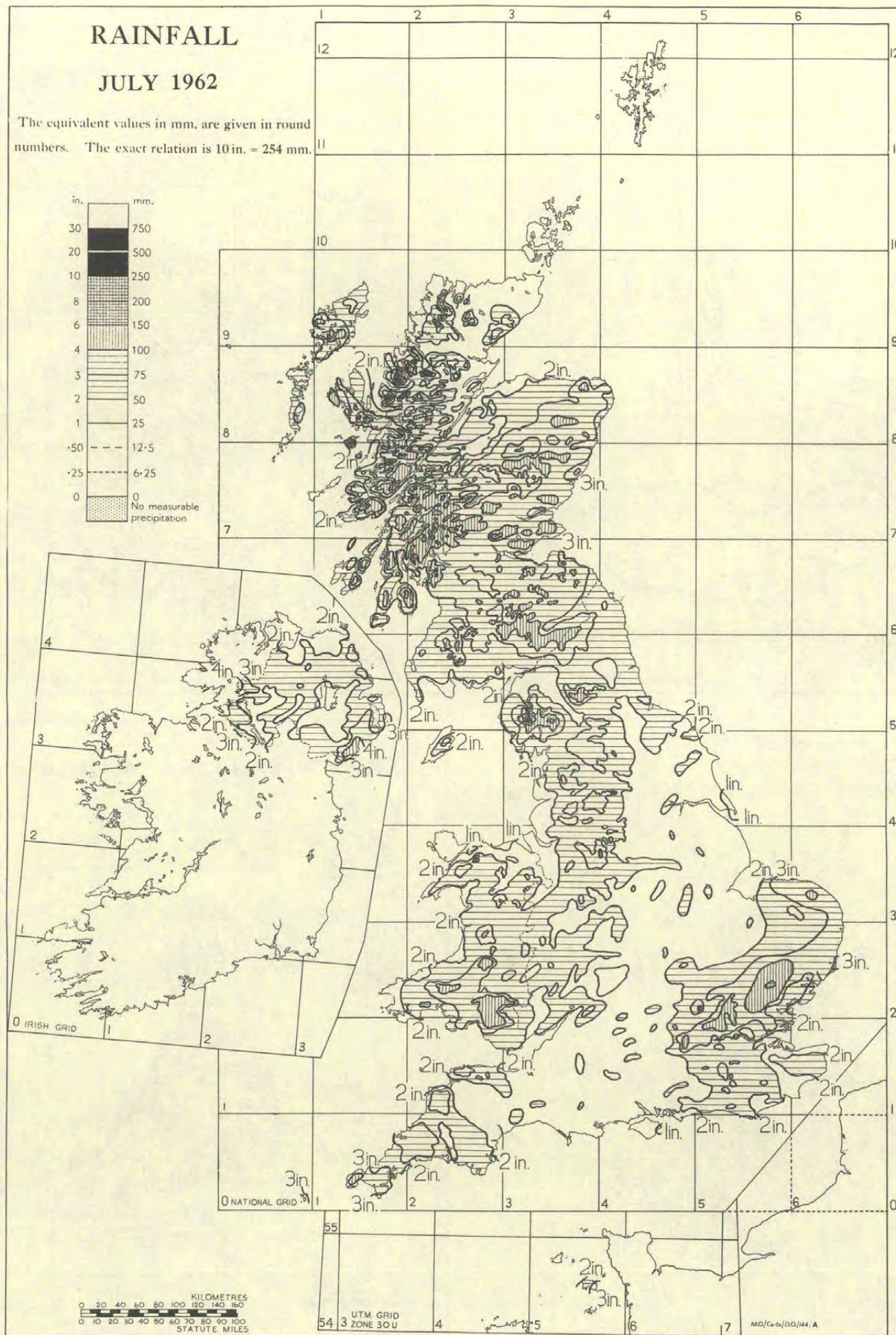
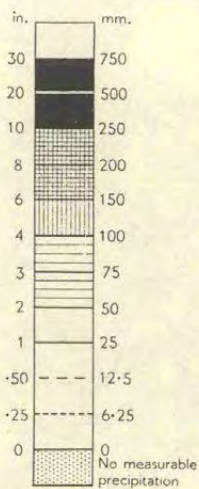








TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER JULY 1962

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)		WEATHER Number of days										BRIGHT SUNSHINE						
				Means of		Difference from Average	Highest Maximum and Lowest Minimum				Total Fall			Percentage of Average	Most in a day	Precip'n	Snow or Sleet	Snow lying at 9h.	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. O°C. or less	Gale	Daily Mean	Percentage of Average						
				A	B		Maximum	Date	Minimum	Date		1 ft.	4 ft.														in.	%	in.	Date	-0.1in. (0.2mm.) or more	-0.1in. (1.0mm.) or more
		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.											hr.	%					
1 SCOTLAND, E.—cont.																																
Midlothian	Balerno ...	9 9	700	-	-	-	-	-	-	-	-	-	3.28	-	-	-	10	8	-	-	-	-	-	-	-	4.57	-					
	Midcalder ...	9 9	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
	Turnhouse ...	21-9	114	17.0	9.4	13.2	-	21.2	1.29	3.7	27	-	3.52	121	1.22	10	11	7	0	0	0	2	1	0	2	0	5.06	-				
	Edinburgh—																															
	East Craigs ...	9 9	200	16.7	9.3	13.0	-	21.1	1	4.4	27	-	3.59	-	1.36	10	11	7	0	0	0	2	1	0	0	0	5.20	-				
	Davidson's Mains	9 9	200	17.1	9.6	13.3	-	21.7	29	5.6	27	14.8	-	3.83	-	1.48	10	13	8	0	0	0	2	2	0	0	5.04	-				
	Penicuik ...	9 9	620	16.4	8.2	12.3	-	21.1	13	1.7	27	14.1	-	3.78	-	1.18	10	14	10	0	0	0	2	4	0	0	4.60	-				
	Bush House ...	9 9	605	15.7	8.1	11.9	-	20.6	13	2.8	27	13.2	11.4	3.88	-	1.43	24	14	8	0	0	0	1	3	0	0	4.63	-				
	Edinburgh—																															
	Blackford Hill¶	9 9	441	16.6	9.4	13.0	-1.7	21.7	29	6.7	3.21	-	3.76	124	1.29	10	13	6	0	0	0	2	3	0	0	0	5.03	97				
E. Lothian	Liberton ...	9 9	200	16.7	9.6	13.1	-	21.7	29	5.0	27	-	3.88	-	1.26	10	8	7	0	0	0	2	1	0	0	0	4.75	-				
	Botanic Garden	9 9	74	16.4	9.7	13.1	-	21.1	29	5.6	27	14.4	-	3.54	-	1.30	10	10	7	0	0	0	2	2	0	0	5.16	-				
	Haddington ...	9 9	162	16.9	9.2	13.1	-	21.7	1.29	3.3	27	-	2.35	-	.82	10	10	6	0	0	0	1	1	0	0	0	4.61	-				
	North Berwick ...	9 9	51	-	-	-	-	-	-	-	-	-	3.21	120	(1.00)	10	9	8	-	-	-	-	-	-	-	-	-					
	Dunbar ...	9 9	75	15.4	10.1	12.7	-	21.1	1.30	5.6	27	-	3.01	-	1.33	10	9	6	0	0	0	1	0	0	0	0	5.85	-				
	Lauder ...	9 9	600	16.7	7.7	12.2	-	21.1	9	1.7	27	-	3.66	-	1.05	10	11	7	0	0	0	0	1	0	0	4	3.91	-				
	Marchmont ¶	9 9	498	15.9	8.6	12.3	-2.1	20.0	1	2.8	27	-	3.98	135	1.11	10	11	8	0	0	0	1	2	0	0	0	3.83	77 S				
	St. Abb's Head ...	9 9	245	14.6	10.2	12.4	-	20.0	7	8.4	8	-	2.50	-	.53	21	11	8	0	0	0	0	2	4	0	0	-	-				
	Broughton ...	9 9	741	16.4	7.9	12.1	-	22.2	13	0.6	27	-	3.07	-	.65	21	13	9	0	0	0	0	1	0	0	4	0	-	-			
	Blyth Bridge ...	9 9	830	15.4	7.8	11.6	-	20.6	13	2.2	27	-	3.92	-	1.11	24	13	9	0	0	0	1	1	0	0	1	0	3.86	-			
Peebles	West Linton ...	9 9	800	15.4	7.2	11.3	-	19.4	29	0.6	27	12.9	11.4	3.71	-	1.12	24	17	12	0	0	0	1	0	0	1	0	-	-			
	Peebles ...	9 9	645	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	Peebles (Glenrest)	9 9	580	16.8	7.9	12.3	-	23.3	9	1.1	18	-	2.89	-	.85	24	11	9	0	0	0	0	2	1	0	0	-	-				
	Selkirk	9 9	600	16.4	8.1	12.3	-	22.2	29	2.2	18	-	3.28	-	1.09	10	14	10	0	0	0	0	2	0	0	0	-	-				
	Selkirk (Bowhill)	9 9	560	17.0	7.8	12.4	-	21.7	9	-0.6	18	-	2.99	-	.92	10	16	9	-	-	-	0	1	-	-	-	-	-				
	Roxburgh																															
	Hawick (Wauchope)	9 9	560	17.0	7.8	12.4	-	21.7	9	-0.6	18	-	2.99	-	.92	10	16	9	-	-	-	0	1	-	-	-	-	-				
	Sourhope ...	9 9	900	16.1	8.3	12.2	-	22.2	9	2.8	27	-	3.06	-	.79	10	14	11	0	0	0	0	2	0	0	1	0	3.15	-			
	6a SCOTLAND, W.																															
	Argyll	Tiree ... ¶	21-9	29	16.0	10.3	13.1	-0.5	20.1	10	7.6	9	-	1.61	47	.65	18	13	7	0	0	0	0	0	0	0	1	0	5.87	111		
Rhuvaal ...		21-9	65	15.6	10.7	13.1	-	19.9	9	8.1	24	-	3.14	-	1.41	16	10	8	0	0	0	0	0	0	0	2	-	-				
Colonsay ...		9 9	87	16.9	8.9	12.9	-	21.1	9, 13	3.9	24	-	3.08	79	1.03	18	14	10	0	0	0	0	0	0	0	0	-	-				
Campbeltown ...		9 9	10	16.7	9.6	13.1	-	21.1	13	6.1	9	-	1.77	-	.48	24	11	6	-	-	-	-	-	-	-	-	4.70	-				
Tarbert (Achaglachgach)		9 9	40	17.3	8.3	12.8	-	21.7	9, 13	3.3	24	-	3.68	-	1.30	18	13	13	0	0	0	0	0	0	0	2	0	-	-			
Oban ...		9 9	229	16.5	8.6	12.5	-	22.8	9	5.0	24	-	3.26	77	.59	21	12	12	0	0	0	0	0	0	0	0	0	5.55	127			
Lepinmore ...		9 9	30	17.2	9.5	13.3	-	24.4	13	5.0	24	-	3.42	-	.89	16	14	11	0	0	0	0	0	0	0	0	0	3.86	-			
Glenbranter ...		9 9	120	17.1	8.2	12.7	-1.5	23.9	13	3.3	24	-	4.40	72	1.02	16	13	10	-	-	-	0	0	0	0	-	-	-	-			
Benmore (Forestry Sch.)		9 9	46	17.2	8.2	12.7	-	23.3	13	3.3	26	14.2	12.6	4.94	77	1.51	16	13	11	0	0	0	0	0	0	2	0	-	-			
Benmore																																
(Younger Bot. Gdn.)	9 9	40	17.4	9.3	13.3	-	25.0	13	(4.4)	5	-	4.69	-	1.60	18	12	11	0	0	0	0	0	0	0	0	0	-	-				
Bute	Rothsay ¶	9 9	150	16.8	9.9	13.3	-0.9	23.3	13	6.7	24	14.1	12.4	3.39	79	1.20	21	12	11	0	0	0	0	0	0	0	1	0	4.85	101		
	Millport ...	9 9	16	16.4	10.6	13.5	-	22.2	13	7.8	24	-	2.65	78	.85	21	10	7	0	0	0	0	0	0	0	0	2	-	-			
	Dunbarton																															
	Helensburgh ...	9 9	293	17.4	8.9	13.1	-1.6	23.3	13	5.0	26	-	3.38	81	1.01	29	11	9	0	0	0	0	0	0	0	0	-	-				
	Cumbarauld ...	9 9	310	17.6	8.3	12.9	-	23.3	13	4.4	18, 24, 26	-	3.96	-	1.01	24	10	10	0	0	0	0	0	0	0	0	0	-	-			
	Stirling																															
	Stirling ...	9 9	151	17.1	8.0	12.5	-2.8	22.8	13	3.3	26	16.4	12.3	3.32	105	.75	24	10	7	0	0	0	0	0	0	0	0	4.97	-			
	Falkirk ...	9 9	100	17.6	8.6	13.1	-	24.4	13	4.4	8	-	3.37	-	(1.30)	21	8	7	-	-	-	-	-	-	-	-	-	-				
	Renfrew																															
	Greenock ...	9 9	200	17.0	10.2	13.6	-1.4	22.8	13	7.2	5	-	4.35	107	.98	24	11	9	0	0	0	0	0	0	0	0	0	5.06	-			



TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER JULY 1962

DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)		WEATHER Number of days										BRIGHT SUNSHINE						
			Means of		Difference from Average	Highest Maximum and Lowest Minimum			Total Fall	Percentage of Average			Most in a day	Precip'n	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. O.C. or less	Gale	Daily Mean	Percentage of Average						
			A Max.	B Min.		Mean Temperature Mean of A and B	Maximum	Date			Minimum	Date														1 ft.	4 ft.	Amount	Date	-0.1in.(0.2mm.) or more	-0.4in.(1.0mm.) or more
			Max. Min.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.										hr	%					
2 ENGLAND, N.E.—cont.																															
Northumberland cont.	Haydon Bridge ...	9 9	270	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
	Berwick-on-Tweed ...	9 9	76	15.1	9.7	12.4	-2.0	21.1	1	5.0	27	-	2.72	112	1.03	10	12	9	0	0	0	0	1	1	0	0	0	3.94	74		
Durham	Ponteland ...	9 9	220	16.9	8.9	12.9	-	21.7	1	3.9	28	-	2.36	-	1.32	10	13	8	0	0	0	0	0	0	0	0	0	1	-		
	Cockle Park ...	9 9	326	16.4	9.1	12.7	-1.9	21.7	1	5.6	28	13.8	-	2.70	94	1.30	10	12	8	0	0	0	0	0	0	0	0	0	3.75	71	
	Acklington ...	21-9	138	16.2	9.1	12.7	-	21.0	1	4.5	28	-	2.26	-	1.20	10	9	7	0	0	0	0	0	0	0	0	0	0	-		
	Tynemouth ...	21-9	95	15.2	10.6	12.9	-2.2	21.3	1	8.5	3.5	-	2.55	86	1.43	10	10	7	0	0	0	0	0	0	0	0	0	0	3.93	-	
	Chopwellwood ...	9 9	446	16.7	8.8	12.7	-2.1	22.2	9	3.3	18	-	1.98	65	1.00	10	11	8	0	0	0	0	0	0	0	0	0	0	-		
	Ushaw College ...	9 9	594	16.1	9.1	12.6	-2.5	21.7	9	5.0	18	-	2.62	91	1.21	10	13	10	0	0	0	0	0	4	0	-	0	-			
	Houghall ...	9 9	123	17.7	8.8	13.3	-2.1	22.2	9	3.3	18, 24	-	2.41	83	1.22	10	17	10	0	0	0	0	1	0	0	1	0	3.37	67		
	Durham	9 9	336	17.2	9.2	13.2	-2.1	21.7	9	4.4	17	13.7	11.7	2.28	82	1.33	10	15	8	-	0	-	-	0	0	0	-	3.74	73		
	Gateshead ...	9 9	509	16.5	9.8	13.1	-	20.6	9	7.2	3, 18	-	-	2.54	-	1.65	10	11	7	0	0	0	-	1	0	0	-	3.45	-		
	Middleton St. Gge. ...	21-9	115	17.2	9.9	13.5	-	22.7	9	5.7	18	-	-	1.87	-	1.04	10	7	4	0	0	0	0	2	0	0	0	0	3.25	-	
Yorks., N. Riding	West Hartlepool ...	9 9	30	16.8	10.8	13.8	-	22.2	1	8.3	5, 18	-	3.06	-	1.64	10	11	7	0	0	0	0	2	0	0	0	0	0	4.03	-	
	Dishforth ...	21-9	105	18.1	10.3	14.2	-	23.2	9	4.7	18	-	2.24	91	.83	10	14	8	0	0	0	0	1	0	0	0	0	0	3.67	-	
	York ...	9 9	57	18.5	10.8	14.7	-1.9	23.3	1	6.1	18	14.9	13.1	1.86	75	.93	10	10	5	0	0	0	0	0	0	0	0	0	3.65	66	
	Ampleforth ...	9 9	313	16.8	9.9	13.3	-2.3	21.7	1	6.1	17, 18	-	2.65	91	1.21	10	11	7	0	0	0	0	1	0	0	0	0	0	-		
	Redcar ...	9 9	25	17.0	10.5	13.7	-	22.8	1	7.2	18, 28	-	2.23	91	1.35	10	12	7	0	0	0	0	2	1	0	-	0	4.06	-		
	Whitby ...	9 9	135	16.6	10.1	13.3	-	21.7	20	4.4	18	-	1.78	70	1.19	10	11	5	0	0	0	0	0	1	0	-	0	3.97	-		
	Scarborough ...	9 9	118	16.8	10.7	13.7	-2.4	21.1	19, 20, 29	8.3	16, 18	-	1.92	77	1.14	10	13	8	0	0	0	0	0	1	0	0	0	0	4.28	75	
	Silpho Moor ...	9 9	665	15.9	8.7	12.3	-	20.6	1	4.4	18	12.2	-	2.08	-	1.10	10	18	7	0	0	0	0	0	3	0	0	0	-		
	Fylingdales Moor ...	9 9	805	15.7	8.6	12.1	-	21.1	1	5.6	7, 16, 18	-	1.84	-	1.11	10	12	4	0	0	0	0	0	2	0	-	2	-			
	Yorks., E. Riding	High Mowthorpe ...	9 9	574	16.4	8.9	12.7	-	21.7	1	5.6	18	13.8	-	1.85	-	.84	10	11	7	0	0	0	0	0	0	2	0	1	0	4.00
Lincoln	Hull ...	9 9	8	18.2	10.8	14.5	-2.3	23.3	1	4.4	18	14.8	11.9	1.41	59	.89	10	8	4	0	0	0	0	1	0	0	0	0	3.91	68	
	Leconfield ...	21-9	24	17.7	9.8	13.7	-	22.8	1	3.2	18	-	1.79	-	.77	10	6	4	0	0	0	0	1	0	0	0	0	0	3.87	-	
	Filey ...	9 9	122	16.2	9.7	12.9	-	21.1	29	6.1	18	-	1.68	-	1.12	10	11	5	0	0	0	0	1	1	0	0	0	0	4.41	-	
	Bridlington ...	9 9	157	16.3	9.4	12.9	-	21.1	19, 20, 29	5.0	18	-	1.64	-	.77	10	8	6	0	0	0	0	1	1	0	0	0	0	4.52	-	
	Spurn Head ...	21-9	29	16.4	11.2	13.8	-2.4	23.1	20	8.4	5	-	.76	-	.44	10	8	4	0	0	0	0	2	0	0	-	0	3.76	61		
	Gainsborough ...	9 9	110	18.4	10.1	14.3	-	22.2	19, 25	5.6	18	-	1.50	-	.56	10	9	6	0	0	0	0	0	0	0	0	0	0	-		
	Waddington ...	21-9	224	18.2	10.3	14.3	-	22.9	20	5.4	18	-	1.54	-	.76	14	10	6	0	0	0	0	1	0	0	0	0	0	4.04	-	
	Lincoln ...	9 9	22	18.8	9.6	14.2	-	22.8	20, 25	1.7	17	14.9	13.2	1.12	-	.33	10	12	5	0	0	0	0	0	0	2	0	0	3.58	-	
	Cranwell ...	9 9	205	18.3	10.3	14.3	-2.0	23.2	25	6.4	7	16.1	15.2	1.67	66	.83	14	10	6	0	0	0	0	0	0	0	0	0	3.94	64 S	
	Cleethorpes ...	9 9	23	17.6	10.7	14.1	-2.2	24.4	20	6.1	18	-	1.28	57	.76	10	8	6	-	0	-	-	0	0	-	0	-	4.25	69		
Manby ...	21-9	55	17.6	9.9	13.7	-	22.8	29	3.4	18	-	1.20	-	.74	10	11	5	0	0	0	0	1	0	0	1	0	0	4.15	-		
Skegness ...	9 9	15	17.6	11.2	14.4	-1.7	22.2	19, 31	7.2	7, 18	-	1.37	62	.58	14	11	8	0	0	0	0	0	0	0	0	0	0	4.30	67		
3 ENGLAND, E.																															
Norfolk	Terrington																														
	St. Clement ...	9 9	13	18.6	10.2	14.4	-	22.2	20	3.3	7	15.1	-	1.74	81	.38	25	13	10	0	0	0	0	0	0	0	0	0	4.21	-	
Suffolk	Marham ...	21-9	76	18.7	10.5	14.6	-	23.3	25	5.1	7	-	2.86	-	1.00	14	16	11	0	0	0	0	1	0	0	0	0	0	-		
	Santon Downham ...	9 9	80	19.7	9.3	14.5	-	25.0	25	0.0	18	14.1	11.8	2.00	-	.54	25	16	10	-	0	-	-	0	0	1	3	-			
	West Raynham ...	21-9	250	17.8	9.9	13.9	-	22.5	20	4.5	18	-	2.48	-	.71	14	16	10	0	0	0	0	2	0	0	0	0	0	4.38	-	
	Cromer ...	9 9	178	17.1	10.6	13.9	-2.8	23.3	20	7.2	4, 18	-	4.03	156	1.54	14	12	7	-	0	-	-	0	0	0	0	-	5.56	85		
	Sprowston ...	9 9	93	18.3	9.7	14.0	-2.6	22.8	24	2.8	18	14.7	-	2.58	100	1.00	26	12	8	0	0	0	0	1	0	0	0	0	4.72	73 S	
	Burlingham ...	9 9	89	17.8	10.2	14.0	-	22.2	24	4.4	18	-	3.03	121	1.31	26	14	10	0	0	0	0	4	0	0	0	0	0	5.40	-	
	Gorleston ...	21-9	12	17.2	11.5	14.3	-2.1	20.8	21	6.4	18	15.3	13.4	3.36	146	2.20	26	13	10	0	0	0	0	3	0	0	0	2	5.39	78	
	Mildenhall ...	21-9	15	19.4	11.1	15.3	-	24.8	25	7.0	18	-	2.19	90	.52	26	14	9	0	0	0	0	4	0	0	0	0	0	4.41	-	
	East Bergholt ...	9 9	14	19.7	10.4	15.1	-	24.4	13	5.0	18	-	2.54	-	.75	25	12	9	0	0	0	0	4	0	0	0	0	0	-		
	Wattisham ...	21-9	292	18.0	10.7	14.3	-	22.5	20	6.7	4	-	3.93	-	1.41	26	16	10	0	0	0	0	5	1	0	0	0	0	-		
Cambridge	Lowestoft ...	9 9	82	17.6	11.2	14.4	-2.0	22.2	21	5.0	18	15.4	13.7	3.97	172	2.81	26	15	11	0	0	0	0	3	0	0	0	0	5.26	76	
	Boxworth ...	9 9	157	19.4	9.7	14.5	-	23.9	8, 20, 25	5.0	17	-	1.79	79	.54	26	12	10	0	0	0	0	1	0	0	0	0	0	4.45	-	
Huntingdon	Cambridge Bot. Gdn.¶	9 9</																													



TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER JULY 1962

DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)		WEATHER Number of days										BRIGHT SUNSHINE					
			Means of				Highest Maximum and Lowest Minimum						Total Fall	Per-centage 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 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. O C or less	Gale	Daily Mean	Per-centage of Average		
			A	B	Mean Temperature Mean of A and B	Difference from Average	Maximum	Date	Minimum	Date	1 ft.	4 ft.			in.	%													in.	Date
			Max.	Min.																										
G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.											hr	%				
4 MIDLAND COUNTIES—cont.																														
Yorks.	Ilkley ...	9 9	315	18.1	10.6	14.3	-1.4	23.3	25	6.1	18	-	-	2.32	75	1.10	10	10	6	0	0	0	0	0	0	-	0	3.44	67	
W. Riding—	Sheffield ...	9 9	429	17.8	10.8	14.3	-2.1	22.2	8, 13	6.7	5	14.6	12.3	1.56	57	.74	10	11	6	0	0	0	0	0	-	0	0	3.21	58	
cont.	Wakefield ...	9 9	121	18.9	10.9	14.9	-1.7	23.9	13	6.7	16	14.1	12.2	1.50	59	.98	10	9	6	0	0	0	2	0	0	0	0	-	-	
	Pontefract ...	9 9	255	17.7	10.6	14.1	-1.8	21.7	1	6.1	18	-	-	1.85	77	1.09	10	12	5	0	0	0	2	1	0	0	0	0	-	
	Bramham ...	9 9	177	18.1	9.6	13.9	-	22.2	1, 9, 25	3.9	18	-	-	1.57	-	.67	10	11	8	0	0	0	0	1	0	0	0	3.83	-	
	Cawood ...	9 9	20	18.3	10.0	14.1	-	22.8	1	4.4	18	15.3	13.9	1.06	41	.59	10	6	5	0	0	0	0	0	0	0	0	3.87	-	
	Askham Bryan ...	9 9	110	18.6	10.1	14.3	-	23.9	25	5.6	18	-	-	1.50	58	.85	10	8	5	0	0	0	0	0	0	0	0	3.40	-	
Derby	Buxton ...	9 9	1007	15.8	9.6	12.7	-1.6	20.6	25	5.0	5	13.9	12.3	2.57	66	.69	10	9	9	0	0	0	2	3	0	0	0	-	-	
	Chapel en le Frith	9 9	732	17.1	9.4	13.3	-	21.7	13, 25	3.3	5	-	-	2.20	-	.54	10, 20	13	9	0	0	0	2	1	0	1	0	-	-	
	Mackworth ...	9 9	293	18.4	10.4	14.4	-	22.3	8, 13, 25	5.0	5	-	-	1.84	-	.51	10	10	7	0	0	1	2	0	0	0	0	-	-	
	Belper ...	9 9	203	18.7	10.6	14.7	-1.6	23.3	8, 25	6.1	17	-	-	1.80	66	.52	10	11	8	0	0	0	2	-	0	-	0	-	-	
	Derby ...	9 9	159	18.9	11.2	15.1	-	23.9	8, 13	6.7	5, 17	-	-	1.79	-	.44	14	13	8	0	0	0	0	0	0	-	0	3.79	-	
	Morley ...	9 9	350	18.2	10.4	14.3	-	23.3	13, 25	5.0	5	-	-	1.81	-	.59	14	14	7	0	0	0	1	-	0	1	0	3.14	-	
	Chesterfield ...	9 9	298	18.6	9.9	14.3	-	22.8	8, 13, 25	5.6	5, 6, 7	-	-	1.06	-	.40	10	9	7	0	0	0	0	4	0	-	0	-	-	
Nottingham	Sutton Bonington	9 9	157	18.8	10.3	14.5	-1.9	23.9	25	3.9	7	14.6	13.2	.97	41	.31	14	11	8	0	0	0	2	0	0	2	0	3.71	64	
	Watnall ...	21-9	385	18.6	10.2	14.4	-	24.9	9	5.6	5	-	-	1.63	60	.43	14	13	8	0	0	0	2	1	0	1	0	3.59	-	
	Mansfield ...	9 9	362	17.8	10.6	14.2	-2.1	23.3	8	6.7	5	14.8	-	2.05	77	.89	14	13	9	0	0	0	0	1	0	0	0	-	-	
	Nottingham ...	9 9	192	19.0	11.0	15.0	-1.8	23.9	8	6.7	5, 7	15.2	13.4	1.01	40	.28	14	11	6	0	0	0	0	0	0	0	0	3.16	58	
	Warsop (Gleadthorpe)	9 9	150	18.7	9.4	14.1	-	23.9	25	4.4	7, 18	-	-	1.67	75	.83	10	10	6	0	0	0	0	0	0	3	0	3.40	-	
	Finningley ...	21-9	34	18.5	10.9	14.7	-	23.1	9	5.3	18	-	-	1.52	-	.85	10	9	7	0	0	0	1	0	0	0	0	3.65	-	
Leicester	Newtown Linford	9 9	392	18.3	9.8	14.1	-	24.4	25	4.4	7	-	-	1.38	-	.32	14	12	8	0	0	0	1	0	0	2	0	4.34	-	
	Caldecott ...	9 9	175	19.6	9.9	14.7	-	24.4	25	3.3	7	-	-	1.42	-	.35	11	10	7	-	-	-	-	0	0	1	-	3.81	-	
Northampton	Raunds ...	9 9	193	19.6	10.1	14.9	-	25.0	25	4.4	7	16.1	12.7	1.62	74	.31	26	11	9	0	0	0	2	0	0	0	0	-	-	
	Wittering ...	21-9	212	18.8	10.6	14.7	-	24.4	25	5.7	7	-	-	1.70	-	.71	14	10	7	0	0	0	2	1	0	0	0	4.16	-	
Warwick	Birmingham K.E.S.	9 9	450	18.7	10.7	14.7	-	23.3	25	5.6	7	-	-	1.48	-	.57	10	14	9	0	0	0	0	1	0	0	-	0	-	
	Birmingham ...	21-9	536	18.2	11.1	14.7	-1.6	23.6	25	7.2	5	12.1	10.9	1.97	69	.71	10	12	10	0	0	0	2	0	0	0	0	3.95	73	
	Luddington ...	9 9	138	19.8	10.5	15.1	-	25.6	25	2.8	7	-	-	.99	43	.19	9	15	9	0	0	0	2	0	0	1	0	4.17	-	
	Stratford on Avon	9 9	160	20.2	10.2	15.2	-	26.1	25	2.2	7	17.1	-	1.17	-	.28	9	11	8	0	0	0	2	0	0	1	0	4.67	-	
	Birmingham Airport*	21-9	319	19.0	10.4	14.7	-	24.2	25	4.0	7	-	-	2.23	86	1.06	10	14	9	0	0	0	2	1	0	1	0	4.72	-	
	Shipston on Stour	9 9	385	19.1	10.1	14.6	-	25.0	25	5.0	7	15.7	-	1.32	-	.42	14	14	8	0	0	0	3	0	0	1	-	4.36	-	
	Wellesbourne ...	9 9	153	19.7	9.8	14.7	-	26.1	25	2.8	7	16.2	14.7	.85	35	.17	10	13	6	-	-	-	0	0	0	0	4.28	-		
	Moreton Morrell ...	9 9	280	19.5	10.7	15.1	-	26.1	25	5.0	7	-	-	1.27	-	.37	11	15	9	0	0	0	1	0	0	1	0	4.23	-	
	Coventry ...	9 9	338	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Rugby ...	9 9	385	19.1	10.8	14.9	-	24.4	25	5.6	5	16.4	14.4	1.39	-	.41	11	12	10	-	0	-	-	-	0	0	-	-	-	
Oxford	Oxford ...	9 9	208	20.2	11.8	15.0	-1.1	24.4	25	7.2	7	17.5	15.3	2.15	90	.81	14	11	8	0	0	0	4	0	0	0	0	4.43	75	
Buckingham	Aylesbury ...	9 9	316	19.8	11.3	15.5	-	23.9	8, 25	4.4	7	-	-	2.26	-	.94	26	11	11	0	0	0	5	0	0	1	0	4.66	-	
Stafford	Keele ...	9 9	587	17.5	10.4	13.9	-	21.7	25	5.6	5	14.1	11.8	2.61	86	.66	20	13	8	0	0	0	3	0	0	0	0	4.18	- S	
	Oaken ...	9 9	409	-	-	-	-	23.3	25	-	-	14.2	-	2.28	-	.55	10	12	11	-	-	-	-	0	3	-	-	-		
	Stone ...	9 9	350	18.2	9.7	13.9	-	22.2	9, 25	4.4	5, 6	-	-	1.26	-	.38	10	13	6	0	0	0	3	0	0	1	0	4.17	-	
	Penkridge ...	9 9	330	18.6	9.6	14.1	-	22.8	25	2.2	7	-	-	1.85	-	.86	10	12	8	0	0	0	1	0	0	3	0	-	-	
	Onecote ...	9 9	1350	15.2	8.6	11.9	-	19.4	8	2.8	5	11.8	9.8	2.80	-	1.38	10	9	9	0	0	0	2	4	0	0	0	3.00	-	
Shropshire	Oswestry ...	9 9	570	17.7	9.9	13.8	-	21.1	9	6.7	6	-	-	2.15	-	.56	10	13	11	0	0	1	0	1	0	0	0	3.76	-	
	Church Stretton	-	582	-	-	-	-	-	-	-	-	-	-	2.63	88	.83	20	17	13	-	-	-	-	-	-	-	-	3.62	- S	
	Shrewsbury ...	9 9	184	19.0	10.9	14.9	-	22.8	8, 9, 29	5.0	7	16.1	15.2	1.91	80	.62	20	15	11	0	0	0	2	0	0	0	0	3.90	-	
	Shawbury ...	21-9	235	18.5	10.2	14.3	-	22.8	9	3.8	6	-	-	1.89	77	.76	20	14	9	0	0	1	0	3	0	0	1	0	4.55	-
	Newport ...	9 9	21																											



TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER JULY 1962

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)				WEATHER										BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
				Means of		Difference from Average	Highest Maximum and Lowest Minimum				Total Fall			Percentage of Average	Most in a day		Precip'n		Number of days										Daily Mean	Percentage of Average																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
							Maximum	Date	Minimum	Date									Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. O°C. or less	Gale																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
				A	B	Mean Temperature	Mean of A and B	Maximum	Date	Minimum	Date	1 ft.	4 ft.	in.	%	in.	0.01 in. (0.2mm.) or more	0.01 in. (0.2mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. O°C. or less	Gale	hr	%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.	0.01 in. (0.2mm.) or more	0.01 in. (0.2mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. O°C. or less	Gale	hr	%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
5 ENGLAND, S.E.—cont.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
Surrey		9 9	179	19.9	9.3	14.6	-	23.9	2	3.3	8	-	-	4.13	166	2.36	26	14	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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 OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER JULY 1962

DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)		WEATHER										BRIGHT SUNSHINE									
			Means of		Difference from Average	Highest Maximum and Lowest Minimum						Total Fall	Percentage of Average	Most in a day		Precip'n		Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. °C. or less	Gale	Daily Mean	Percentage of Average						
			A	B		Maximum	Date	Minimum	Date	1 ft.	4 ft.			Amount	Date	-0.1in. (0.2mm.) or more	-0.4in. (1.0mm.) or more																	
			Max.	Min.		Maximum	Date	Minimum	Date	1 ft.	4 ft.			Amount	Date	-0.1in. (0.2mm.) or more	-0.4in. (1.0mm.) or more																	
ENGLAND, S.W.																																		
Somerset	Hawkrigge (Liscombe)	9 9	1030	16.8	9.9	13.3	-	21.7	25	3.9	6	-	-	2.59	-	.91	11	17	14	-	0	-	-	1	0	0	0	0	0	0	0	5.40	-	-
	Cannington	9 9	95	19.9	11.8	15.9	-	27.2	25	7.2	8	16.4	-	1.26	51	.36	11	13	8	0	0	0	0	0	0	0	0	0	0	0	5.40	-	-	
	Weston-s.-Mare	9 9	28	20.1	12.6	16.3	-	25.6	25	6.7	6	-	-	1.35	51	.67	11	11	8	0	0	0	0	1	0	0	0	0	0	0	5.27	85	-	
	Long Ashton	9 9	162	19.6	11.6	15.6	-0.9	25.6	25	5.6	6	16.9	-	1.68	54	.71	11	14	8	0	0	0	0	3	0	0	0	0	0	0	5.29	85	-	
	Bath (City)	9 9	388	19.3	11.5	15.4	-	25.6	25	7.2	6, 7	-	-	1.16	-	.48	11	10	6	0	0	0	0	1	0	0	0	0	0	0	-	-	-	
Dorset	Boys' School	9 9	67	20.2	11.9	16.1	-1.0	26.1	25	6.1	6, 7, 8	17.1	14.9	1.27	46	.54	11	12	7	0	0	0	0	1	0	0	0	0	0	0	5.11	84	-	
	Bath	21-9	35	17.2	13.1	15.1	-0.5	21.0	25	10.2	6	-	-	1.03	54	.21	18	11	8	0	0	0	0	1	0	0	0	0	0	-	-	-		
	Portland Bill	9 9	16	19.6	12.4	16.0	-0.8	23.9	25	7.2	7	-	-	1.03	48	.27	18	9	7	-	0	-	-	-	0	0	0	0	-	6.13	89	-		
	Weymouth	9 9	680	18.1	9.9	14.0	-1.7	23.9	25	5.6	7	-	-	1.56	59	.34	11	12	12	-	0	-	-	1	0	0	0	0	0	-	-	-		
	Shaftesbury	9 9	37	18.8	12.2	15.5	-	22.8	2	7.2	7, 8	15.5	-	1.17	-	.28	18	10	8	0	0	0	0	2	0	0	0	0	2	6.05	-	-		
Devon	Swanage	9 9	18	20.7	11.2	15.9	-	26.1	2	5.6	7, 8	-	-	1.32	-	.28	18	13	10	0	0	0	0	1	0	0	0	0	0	5.51	-	-		
	Poole	9 9	412	17.4	12.9	15.1	-	21.5	9	10.3	6	-	-	1.81	-	.63	20	13	10	0	0	0	0	1	0	0	0	0	1	6.38	-	-		
	Clayton	21-9	298	18.4	12.2	15.3	-0.7	25.5	25	6.1	7	-	-	2.02	78	.71	18	13	10	0	0	0	0	1	0	0	0	0	0	5.79	91	-		
	Hartland Pt.	9 9	119	19.1	12.2	15.7	-0.7	26.1	25	7.2	6, 7	16.6	14.7	1.86	72	.69	18	11	10	0	0	0	0	0	0	0	0	0	0	5.80	90	-		
	Plymouth (Mt. Batten)	9 9	20	19.5	12.1	15.8	-	24.9	25	5.5	6	-	-	1.80	-	.49	20	13	10	0	0	0	0	3	0	0	0	0	0	6.25	-	-		
Cornwall	Chivenor	9 9	25	18.1	13.3	15.7	-0.5	22.2	8, 9	8.9	6	17.6	15.7	2.71	91	.87	10	12	11	0	0	0	0	1	0	0	0	0	0	6.06	97	-		
	Ilfracombe	9 9	120	19.7	10.1	14.9	-	25.6	25	2.2	6, 7	16.8	13.7	2.26	75	.39	15	12	10	0	0	0	0	1	0	0	0	3	5.16	-	-			
	Totnes	9 9	104	18.6	11.2	14.9	-	22.2	2	6.7	7	-	-	2.39	-	.55	18	13	10	0	0	0	0	0	0	0	0	0	0	-	-	-		
	Slapton	9 9	272	19.3	10.9	15.1	-1.2	25.6	25	6.1	6, 7	-	-	1.88	72	.40	16	13	10	0	0	0	0	1	0	0	0	0	0	5.21	86	-		
	Newton Abbot	9 9	8	19.6	12.1	15.9	-	23.3	2	6.7	7	-	-	1.79	76	.34	15	17	9	0	0	0	0	1	0	0	0	0	0	6.01	91	-		
Somerset	Paignton	9 9	26	18.9	12.4	15.7	-1.1	24.4	25	7.8	6, 7	16.2	-	2.11	98	.49	15	15	8	0	0	0	0	2	0	0	0	0	0	5.97	87	-		
	Torquay	9 9	20	18.8	12.7	15.7	-1.2	22.8	25	7.8	7	-	-	1.71	78	.44	20	17	8	0	0	0	0	2	0	0	0	0	0	5.23	78	-		
	Teignmouth	9 9	29	18.9	11.1	15.0	-	22.8	25	5.6	6, 7	16.3	-	1.26	-	.29	12	8	0	0	0	0	2	0	0	0	0	0	0	5.41	-	-		
	Starcross	9 9	160	19.3	11.0	15.1	-	25.6	25	4.4	6	-	-	1.80	-	.49	18	13	9	0	0	0	0	2	0	0	0	0	0	-	-	-		
	Exeter (Southam)	9 9	195	18.3	11.7	15.0	-1.1	26.1	25	7.2	6	-	-	1.51	64	.41	11	10	8	0	0	0	0	3	1	0	0	0	0	5.02	79	-		
Devon	Exeter	21-9	106	19.4	11.4	15.4	-	25.8	25	4.8	6	-	-	1.63	66	.49	18	13	8	0	0	0	0	4	0	0	0	0	0	5.04	-	-		
	Sidmouth	9 9	25	18.4	-	-	-	24.4	25	6.1	6	-	-	1.95	-	.60	11	11	9	-	-	-	-	-	0	0	0	0	0	5.32	-	-		
	St. Mary's, Scilly	21-9	158	18.3	12.8	15.5	-0.3	20.4	2	10.3	8	-	-	2.57	116	.55	20	16	10	0	0	0	0	3	0	0	0	0	0	5.93	91	-		
	Penzance	9 9	62	18.7	12.3	15.5	-0.9	21.1	25	5.6	7	-	-	3.38	123	1.32	20	14	10	0	0	0	0	4	0	0	0	0	0	6.05	95	-		
	Gulval	9 9	50	18.4	12.5	15.5	-0.6	21.1	25	7.2	7	-	-	3.38	129	1.16	20	14	13	-	-	-	-	0	0	0	0	0	0	6.17	96	-		
Devon	Culdrose	9 9	288	18.1	11.6	14.9	-	22.8	25	6.1	6	-	-	3.20	-	1.05	20	12	10	0	0	0	0	1	0	0	0	0	0	6.08	-	-		
	Camborne (Rosewarne)	9 9	250	17.8	11.8	14.8	-	20.6	25, 26	6.7	7	16.7	15.2	2.92	-	.81	20	14	10	0	0	0	0	2	0	0	0	0	0	5.75	-	-		
	Lizard	9 9	240	18.0	12.1	15.1	-	20.8	25, 26	7.5	5	-	-	2.28	107	.57	20	12	11	0	0	0	0	0	0	0	0	0	0	6.32	-	-		
	Falmouth	9 9	167	18.1	12.0	15.1	-1.3	23.3	25	7.8	6	-	-	3.48	124	1.07	20	14	12	0	0	0	0	0	0	0	0	0	0	5.52	86	-		
	Newquay	9 9	176	17.5	12.4	14.9	-0.9	20.6	9	10.0	7, 8	-	-	2.73	103	.83	14	13	9	0	0	0	0	0	0	0	0	0	0	5.92	94	-		
Antrim	St. Mawgan	21-9	337	17.9	11.8	14.9	-	20.9	25	8.9	6	-	-	2.87	-	.60	20	14	10	0	0	0	0	0	0	0	0	0	0	6.21	-	-		
	St. Austell	9 9	310	18.9	11.4	15.1	-	25.6	25	7.8	6	-	-	3.14	93	.67	18	15	12	0	0	0	0	1	0	0	0	0	0	-	-	-		
	Fowey	9 9	51	19.1	12.3	15.7	-0.6	23.9	25	6.1	24	-	-	2.45	-	.70	15	14	10	0	0	0	0	2	1	0	0	0	0	-	-	-		
	Bude	9 9	50	18.5	11.7	15.1	-0.6	23.9	25	4.4	6	15.5	-	3.02	113	1.04	20	12	9	-	-	-	-	0	0	0	0	0	0	5.78	97	-		
	Ellbridge	9 9	190	19.1	10.9	15.0	-	26.7	25	4.4	7	-	-	2.33	-	.53	18	15	8	0	0	0	0	0	0	0	0	0	0	4.94	-	-		
NORTHERN IRELAND																																		
Londonderry	Loughmore Forest	9 9	572	16.1	8.6	12.3	-	22.2	13	3.9	26	-	-	1.66	-	.62	10	17	10	0	0	0	0	0	1	0	0	0	0	-	-	-		
	Eglinton	9 9	38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Ballykelly	21-9	3	17.3	10.0	13.7	-0.8	22.2	9	5.6	26	-	-	1.37	44	.74	10	13	5	0	0	0	0	0	1	0	0	0	0	4.36	103	-		
	Derrinoyd Forest	9 9	292	17.0	9.0	13.0	-	22.2	13	5.0	7	-	-	2.13	-	.54	10	16	9	0	0	0	0	0	0	0	0	0	0	-	-	-		
	Somers Forest	9 9	142	17.3	9.2	13.3	-	21.1	9, 13	5.0	2																							



TABLE IV—SUMMARY OF OBSERVATIONS AT FIXED HOURS JULY 1962

[illegible]







TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS JULY 1962

[illegible]

\* previously known as "Elmdon"



TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS JULY 1962

[illegible]

H See Notes on Tables in the Introduction.



TABLE XIII—SOLAR RADIATION AND INTENSITY OF DAYLIGHT,

JULY

1962

STATION	TOTAL RADIATION ON A HORIZONTAL SURFACE mw. hr./cm <sup>2</sup>						DIFFUSE RADIATION ON A HORIZONTAL SURFACE mw. hr./cm <sup>2</sup>						INTEGRATED ILLUMINATION OF A HORIZONTAL SURFACE kilo lux-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 ... ..	693	25	92	31	378.4	31	416	8	92	31	279.7	31	853	25	137	31	450.1	31
Eskdalemuir ... ..	746	20	123	22	388.3	31	366	17	116	22	262.5	31	774	20	141	22	411.5	31
Cambridge ... ..	631	23	60	26	389.9	31	406	27	60	26	275.0	31	-	-	-	-	-	-
Kingsway ... ..	585	13	54	26	364.9	31	339	18	49	26	247.6	28	664	13	83	26	423.3	31
Kew ... ..	581	17	56	26	386.1	31	359	18	45	26	256.8	31	675	2	74	26	440.9	31
Aberporth ... ..	830	6	170	24	485.7	31	419	15	169	24	318.9	31	-	-	-	-	-	-
Cambridge for May ...	652	17	139	26	388.0	31	347	18	139	26	248.4	31	-	-	-	-	-	-

TABLE VIII—NUMBER OF DAYS IN JULY 1962 WITH MAXIMUM AND MINIMUM TEMPERATURES between given limits.

STATION	MAXIMUM TEMPERATURE °C.								MINIMUM TEMPERATURE °C								STATION	MAXIMUM TEMPERATURE °C.								MINIMUM TEMPERATURE °C.								
	0° or less	0° to 5°	5° to 10°	10° to 15°	15° to 20°	20° to 25°	25° to 30°	Above 30°	-15° or less	-14° to -10°	-10° to -5°	-5° to 0°	0° to 5°	5° to 10°	10° to 15°	Above 15°		0° or less	0° to 5°	5° to 10°	10° to 15°	15° to 20°	20° to 25°	25° to 30°	Above 30°	-15° or less	-14° to -10°	-10° to -5°	-5° to 0°	0° to 5°	5° to 10°	10° to 15°	Above 15°	
Lerwick ... ..	0	0	0	28	3	0	0	0	0	0	0	0	2	25	4	0	Birmingham ... ..	0	0	0	6	16	9	0	0	0	0	0	0	0	0	7	24	0
Stornoway ... ..	0	0	0	20	11	0	0	0	0	0	0	0	2	18	11	0	Kew Observatory ... ..	0	0	0	3	12	16	0	0	0	0	0	0	0	0	4	24	3
Craibstone ... ..	0	0	0	23	7	1	0	0	0	0	0	0	1	26	4	0	Hastings ... ..	0	0	0	2	26	3	0	0	0	0	0	0	0	0	3	27	1
Rothsay ... ..	0	0	0	6	24	1	0	0	0	0	0	0	0	18	13	0	Southampton ... ..	0	0	0	0	12	19	0	0	0	0	0	0	0	0	6	23	2
Renfrew ... ..	0	0	0	3	25	3	0	0	0	0	0	0	0	14	17	0	Stonyhurst ... ..	0	0	0	6	20	5	0	0	0	0	0	0	0	0	13	18	0
Eskdalemuir ... ..	0	0	0	10	19	2	0	0	0	0	0	0	6	18	7	0	Bidston Observatory ... ..	0	0	0	4	24	3	0	0	0	0	0	0	0	0	1	30	0
Douglas ... ..	0	0	0	7	24	0	0	0	0	0	0	0	8	23	0		Holyhead (Valley) ... ..	0	0	0	3	25	3	0	0	0	0	0	0	0	0	7	24	0
Cockle Park ... ..	0	0	0	10	20	1	0	0	0	0	0	0	0	22	9	0	Falmouth ... ..	0	0	0	1	28	2	0	0	0	0	0	0	0	0	6	25	0
Gorleston ... ..	0	0	0	5	22	4	0	0	0	0	0	0	0	7	24	0	Aldergrove ... ..	0	0	0	7	21	3	0	0	0	0	0	0	0	0	19	12	0
Cambridge ... ..	0	0	0	3	15	13	0	0	0	0	0	0	0	16	15	0	Armagh ... ..	0	0	0	4	23	4	0	0	0	0	0	0	0	1	16	14	0

TABLE III—ADDITIONS AND CORRECTIONS

MONTH	STATION	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)		WEATHER Number of days										BRIGHT SUNSHINE					
				Means of		Mean Temperature of A and B	Difference from Average	Highest Maximum and Lowest Minimum		1 ft.	4 ft.	Total Fall	Percentage of Average	Most in a day	Precip'n		Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. O.C. or less	Gale	Daily Mean	Percentage of Average				
				A	B			Maximum	Date						Minimum	Date												in.	%	in.	Date
				Max.	Min.			Max.	Date						Min.	Date												in.	%	in.	Date
1960		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.												hr.	%				
March	Llŷdysfa Forest	99	686	47.8	36.8	42.0		22				3.11		18																	
April	"	99	686	54.0		46.5		28				3.52		17	14																
May	"	99	686	62.8				19,27				3.46		12	16	12															
Annual 1962	"	99	686									53.71				197															
January	Kew Observatory	21	99	18								132																			
March	East Grinstead	99	400	7.1		2.5						1.61		62	28	10	10														
"	Cardiff	99	202	7.3	-0.2	3.5	-3.1	12.8	9	-5.0	6	4.4	6.2	2.85	112	1.22	28	13	10	6	0	0	0	0	1	19	24	4.47	111		
"	Exmouth	99	195	7.1	0.4	3.7	-3.0	13.3	29	-4.4	6			2.06	84	.60	7	9	5	5	0	0	0	0	1	18	-	4.17	102		
April	Penrhydydd	99	330											2.20																	
"	Belfast (Stormont)	99	200																												
"	Ely Lodge	99	210																												
"	Puddle Forest	99	272											1.91				12	12												
"	Worthing	99	25																												
"	Oswestry	99	579			3.2	7.1																								
"	Lyons Hall	99	510	11.6		3.4	7.5																								
"	Penicuik	99	620																												
"	Glenmore Lodge	99	1120																												
"	Regents Park	99	129																												
"	Cawood	99	20																												
"	Cheltenham	99	214																												
"	Alderney	99	288																												
"	West Kirby Park	99	25	11.3	4.1	7.7	-	17.8	25	-2.2	14	-	-	1.85	-	.27	7.21	13	11	-	0	-	-	-	-	1	7	-	6.31	-	
"	Great Dun Fell	-	2780																												
"	Boqnor	99	24	10.9		8.1	-0.6	13.9	23,24																						
May	Belper	99	203	14.7	5.7	10.2	-1.0	18.9	3,5,6	1.7	1																				
"	Buxton	99	1007																												
"	Ruthin	99	248											2.11				18	13									4.23	82		
February	Coatbridge	99	256	7.1	1.3	4.2	-	11.1	20	-2.8	22	-	-	2.49	-	.86	11	18	12	6	0	0	0	0	0	0	0	11	-	3	-
March	"	99	256	6.3	-1.1	2.6	-	10.0	22,26	-8.3	3	-	-	.95	-	.25	29	11	6	0	0	0	0	0	0	0	0	15	-	0	-
April	"	99	256	11.7	2.5	7.1	-	19.4	26,30	-2.8	14	-	-	1.68	-	.47	6	15	8	0	0	0	0	0	0	0	0	5	-	0	-
May	"	99	256	14.4	5.4	9.9	-	19.4	1	0.6	26	-	-	1.98	-	.38	10	13	12	0	0	0	0	0	0	0	0	0	-	0	-
April	Bush House	99	605																												
"	Pershore l.o.H.	99	130	11.9	3.4	7.7	-	20.6	26	-1.7	14	-	-	2.37	-	.33	20	17	13	-	0	-	-	-	0	1	3	-	5.81	-	
"	Hoddesdon	99	153																												
"	Cambridge N.I.A.B.	99	85																												
May	Pershore l.o.H.	99	130	14.8	5.9	10.3	-	17.8	6	-1.1	1	-	-	1.53	-	.47	9	14	9										4.15	-	
June	Loughmore Forest	99	572											2.14				18	14										4.65	96	

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# Monthly Weather Report

## OF THE METEOROLOGICAL OFFICE

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

Volume 79 Number 8

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### August 1962 — *Cool and wet.*

The month was mainly cyclonic with a succession of troughs moving east across the country. These were mainly associated with depressions to the north or north-west of Scotland, and the series was broken by only short anticyclonic spells on the 12th-13th and on the last two days of the month.

An unstable westerly airstream gave thundery overnight rain on the 1st, and after a generally fine day on the 2nd a complex depression, deepening off the north-west of Scotland, brought widespread and frequently heavy rain on the 3rd. The next two days were fine with 12 to 13 hours of sunshine over much of southern England. Bank Holiday Monday, on the other hand, was wet and cold with a deepening depression moving north-east across southern England; at Kew it was the coldest Bank Holiday Monday since 1888. The rain, heavy at times, persisted throughout the night, and continued in the north-east for most of the 7th. Showers became scattered the next day as a ridge of high pressure moved across the country.

The 9th and 11th were wet and stormy days with vigorous depressions moving east near the north of Scotland; rain was heavy and prolonged in places on both days, and there was flooding in the Lake District and southern Scotland on the 11th; 5.02 in. of rain was recorded at Langdale in 24 hours. Winds, which had reached gale force over most of the country on the 11th, with gusts exceeding 60 kt in Scotland moderated on the 12th and weather thereafter in Scotland and northern England became fine with over 10 hours of sunshine at many places during each of the next three days. In southern England, however, it remained mainly dull ahead of a northward moving depression in the South-West Approaches. By the 14th this depression had reached Cornwall and there were frequent outbreaks of thundery rain and thunderstorms as it moved north-eastward. Rain spread to the remainder of the country on the 15th and continued throughout the next day with the main depression centred over eastern Scotland and a shallow secondary moving eastwards across the Midlands that night.

The 17th and 18th were mainly fine with decreasing shower activity as the depressions moved away east, but troughs associated with a quasi-stationary depression south of Iceland gave fairly widespread rain on the 19th and 20th as they moved slowly east across the country, and there were thundery showers on the 21st and 22nd as the depression itself moved towards Scandinavia and filled.

Active depressions from the Atlantic moving east over or near Scotland gave widespread and locally heavy rain on the 23rd and 26th. Winds increased to gale force on the evening of the 23rd. There were good sunny periods and scattered showers on the 24th and 25th but strong to gale force winds continued for some time, especially in north-west England. Periods of heavy rain on the 23rd caused flooding in parts of Scotland and the Lake District for the second time during the month.

Winds moderated on the 27th and the day was generally sunny with scattered showers, but a trough from the Atlantic brought rain to most districts that night which continued in some southern districts for most of the following day. On the 29th, an anticyclone over the South-West Approaches spread north-eastwards, and the remainder of the month was generally dry with long sunny periods.

**Pressure and Wind** — Mean pressure was below the average everywhere except in south-west England, the deviation at 9 hr ranging

from -6.0 mb at Lerwick to +0.8 mb at Plymouth. Surface winds were generally westerly at first, north-westerly on the 5th-7th then mainly south-westerly until the 11th, light and variable on the 12th and 13th and south-westerly on the 14th and 15th after which they were predominantly westerly until the end of the month. Gales were reported on 14 days in Scotland and on the 2nd, 3rd, 6th, 7th, 10th, 11th, 14th, 15th, 22nd-24th, 26th and 27th (13 days) in England and Wales and were widespread on the 26th and 27th. Gusts of 63 kt were recorded at Tiree and Lossiemouth on the 11th and at Southport on the 26th.

**Temperature** — Mean temperature was again below the average as it has been every month this year except for January and February, the deficit being 1.3°C in England and Wales, 1.2°C in Scotland and 0.9°C in Northern Ireland. Day temperatures were below the average throughout the month except around the 19th; night minimum temperatures were below the average during the first week and the last few days of the month, otherwise they were about average. Ground frost occurred on 10 nights and was widespread on the 9th.

**Extremes included:**— (England and Wales) 25.0°C at Gillingham on the 19th, -1.7°C at Moor House on the 14th; (Scotland) 21.2°C at Kinloss on the 20th, -1.1°C at a number of stations on the 13th and 14th; (Northern Ireland) 22.3°C at Ballykelly on the 9th, 0.0°C at Baroncourt Forest on the 13th and at Knockmany Forest on the 14th.

**Precipitation** — The general rainfall expressed as a percentage of the 1916-50 average was 137 for England and Wales, 162 for Scotland and 117 for Northern Ireland. Less than average rainfall occurred in Kent (except for the south coast) Essex and Suffolk, around the Dee estuary and in parts of Northumberland and Durham. More than 150 per cent of the average was recorded along the south coast, in central southern England, the Midlands, in central Wales, in parts of Yorkshire and Lancashire and the Lake District. More than 200 per cent was recorded locally in Wiltshire and the Cotswolds area and in Leicestershire. At Edgbaston it was the wettest August Bank Holiday in 75 years of records. At Exeter monthly rainfall was above the average for the first time since last August.

Thunder was heard on 10 days in Scotland and on the 3rd, 6th-8th, 14th-17th, 20th-22nd and 26th (12 days) in England and Wales. Thunderstorms were widespread in central and southern England on the 14th, and in south-east England on the 7th.

Sleet was reported on 3 days in Scotland.

**Sunshine** — The general sunshine expressed as a percentage of the 1921-50 average was 92 in England and Wales, 109 in Scotland and 115 in Northern Ireland. In Scotland sunshine was below the average only in some south-western districts and in places adjacent to the Great Glen, in Northern Ireland it was above the average practically everywhere but in England and Wales it was mostly below the average.

**Fog** — In Scotland early morning fog was reported on 8 days; hill fog was reported from Lowther Hill on 20 days. Fog occurred on twelve days in England and Wales and was widespread in north-east England on the 15th.

**Miscellaneous Phenomena.** The aurora was visible in Scotland on 11 nights.



TABLE I—DISTRICT VALUES— AUGUST 1962 (1908, revised 1928, 1941 and 1956)

DISTRICTS	AIR TEMPERATURE					EARTH TEMPERATURE		RAINFALL		SUN-SHINE
	Highest	Lowest	Difference from Average			At 1 ft. Difference from Average	At 4 ft. Difference from Average	Per-centage of Average	No. of Days Difference from Average	Per-centage of Average
			Max.	Min.	Mean					
0 SCOTLAND, N. Eastern	21.1	-1.1	-1.2	-1.3	-1.3	—	—	168	+4	105
1 SCOTLAND, E.	21.2	-1.1	-1.4	-1.0	-1.2	—	—	152	+4	114
2 ENGLAND, N.E.	23.5	0.6	-1.8	-0.9	-1.3	-1.9	-1.2	129	+1	103
3 ENGLAND, E.	24.7	0.0	-1.4	-0.7	-1.1	-1.4	-0.8	95	0	92
4 MIDLAND COUNTIES	22.8	2.2	-2.1	-0.7	-1.4	-1.4	-0.7	154	+2	87

DISTRICTS	AIR TEMPERATURE					EARTH TEMPERATURE		RAINFALL		SUN-SHINE
	Highest	Lowest	Difference from Average			At 1 ft. Difference from Average	At 4 ft. Difference from Average	Per-centage of Average	No. of Days Difference from Average	Per-centage of Average
			Max.	Min.	Mean					
5 ENGLAND, S.E. Western	25.0	3.3	-1.7	-0.5	-1.1	-1.2	-0.9	132	0	94
6 SCOTLAND, W.	21.1	-0.6	-1.6	-0.7	-1.1	-1.4	-1.4	159	+5	107
7 ENGLAND, N.W. (and N. Wales)	21.7	-1.7	-2.2	-0.6	-1.4	-1.5	-0.5	131	+1	92
8 ENGLAND, S.W. (and S. Wales)	23.3	2.8	-1.9	-0.7	-1.3	-1.1	-0.6	146	+3	86
NORTHERN IRELAND	22.3	0.0	-1.1	-0.9	-0.9	-	-	117	+3	115

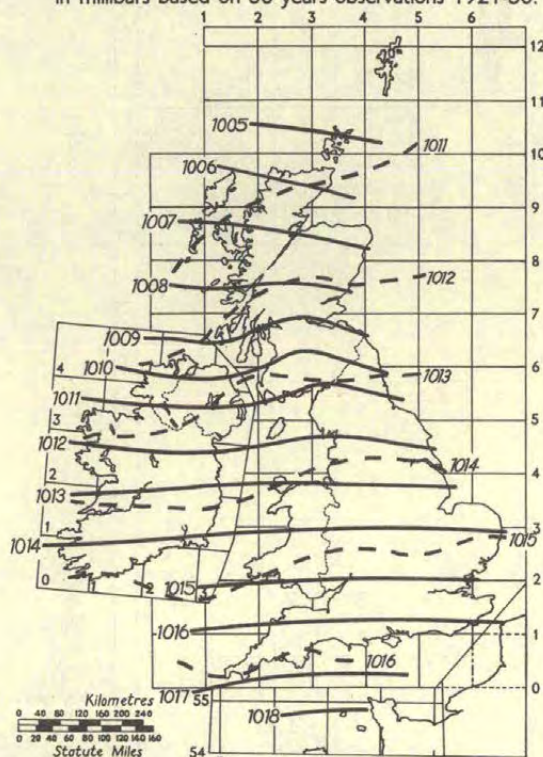
TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— AUGUST 1962 (1914)

DISTRICT, COUNTY AND PLACE			Height of Vane			Distribution of Mean Hourly Values of Wind Speed										Mean Hourly Wind Speed	Highest Velocities					
			Above Mean Sea Level	Above Ground	Effective Height	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					
						Dates of Occurrence	Duration	No. of days	Duration	Duration	Duration	Duration	Veer from N.	Speed	Hour ended at		Speed	Day and Time				
																			ft.	ft.	ft.	hr.
SCOTLAND			ft.	ft.	ft.								knots	°	knots	day hr.	knots	day	h.m.			
0	Zetland	Lerwick	304	33	33	4	1	8	40	375	301	27	0	11.7	160	34	4	10	52	4	0920	
	Orkney	Kirkwall (Grimsetter)	134	50	33	4	2	15	107	394	207	34	0	14.0	250	36	4	16	51	4	1520	
	Caithness	Dounreay	110	39	30																	
	Ross & Cromarty	Stornoway (Coastguard)	120	40	36	9, 11	2	15	143	363	160	76	0	14.1	270	36	9	22	55	9	2105	
	Inverness	Duirinish	125	65	55	11	5	12	68	306	315	50	0	11.5	200	38	11	15	58	11	1510	
		Benbecula	69	51	35	11	5	12	119	358	229	33	0	13.8	290	36	11	21	52	11	1135	
1	Moray	Lossiemouth	101	80	60	11	5	10	64	269	321	85	0	11.0	230	39	11	16	63	11	1520	
	Aberdeen	Dyce	225	40	40	-	0	4	19	191	357	177	0	8.2	220	20	11	15	46	11	1420	
	Angus	Bell Rock Lighthouse	128	131	124																	
	Perth	Rannoch	1006	56	57																	
	Fife	Leuchars	78	40	40	11	3	9	60	333	281	67	0	11.6	230	35	11	17	57	11	1615	
	Midlothian	Edinburgh	485	39	23	-	0	9	53	383	209	99	0	11.9	210	30	11	18	52	10	0310	
6a	Argyll	Tiree	89	60	47	11	9	17	184	372	132	47	0	15.8	220	40	11	14	63	11	1310	
	Bute	Millport	50	34	34																	
	Renfrew	Paisley	188	81	31																	
		Renfrew	71	41	39	-	0	7	31	338	271	104	0	10.4	250	30	11	16	56	11	1520	
	Ayr	Prestwick Airport	68	33	33	-	0	8	22	341	309	72	0	10.7	280	25	27	03	44	11	1750	
	Dumfries	Eskdalemuir	825	50	35	-	0	3	9	229	371	135	0	8.3	210	24	11	16	47	11	1915	
	Wigtown	West Freugh	83	33	33	-	0	7	22	294	317	111	0	9.7	300	32	27	03	45	27	0205	
ENGLAND AND WALES																						
6b	Isle of Man	Point of Ayre	70	40	35	27	1	11	72	386	257	28	0	12.9	300	34	27	04	50	26	2145	
		Ronaldsway	119	64	39	26	6	12	140	364	215	19	0	14.9	200	38	26	11	56	26	1215	
2	Durham	Durham	389	53	33	-	0	4	13	256	314	160	4	8.8	240	26	24	09	49	24	0830	
		South Shields	73	57	44	-	0	7	16	350	320	58	0	10.9	090	26	15	04	41	3	2005	
	Lincoln	Cranwell	288	47	47	-	0	9	38	293	331	82	0	10.3	240	27	27	01	45	27	0955	
3	Norfolk	Gorleston	45	33	33																	
	Suffolk	Mildenhall	98	83	60	-	0	2	8	241	368	127	0	8.6	230	23	26	15	44	26	1610	
	Bedford	Cardington	226	133	133	-	0	13	79	369	255	41	0	12.9	190	29	26	14	42	26	1505	
	Hertford	Rothamsted	461	41	33	-	0	0	0	120	468	156	0	6.4	220	16	26	15	39	7	0630	
		Stanstead Abbots	138	41	40	#																
	Essex	Coryton	66	57	48	-	0	0	0	308	391	45	0	9.8	220	21	26	17	45	26	1615	
		Shoeburyness	118	106	91	3, 7, 26	10	12	103	342	272	17	0	13.9	220	37	26	18	52	7	0510	
4	Yorks., W.R.	Sheffield	533	83	35	-	0	0	0	111	482	151	0	6.6	280	19	27	05	52	27	0525	
	Warwick	Birmingham (Edgbaston)	643	118	73	-	0	0	0	227	475	42	0	8.7	260	21	24	13	43	26	1440	
	Stafford	Keele	706	50	40	-	0	0	0	163	415	166	0	7.1	190	20	26	13	43	26	1615	
	Gloucester	Avonmouth	92	61	33	26	1	16	85	330	165	128	35	12.2	200	34	26	13	50	26	1700	
5	London	Kingsway	208	143	41	-	0	1	3	271	419	51	0	9.5	200	22	26	15	44	11	1605	
	Middlesex	London (Heathrow) Airport	115	33	33	-	0	5	19	306	358	61	0	10.3	270	29	7	05	47	7	0435	
		Hampton	139	101	100	-	0	1	3	253	360	128	0	8.6	270	27	7	05	47	7	0445	
	Surrey	Kew Observatory	92	75	50	-	0	1	1	204	368	171	0	7.6	220	22	11	15	43	11	1415	
		London (Gatwick) Airport	232	38	33	-	0	5	17	246	285	196	0	8.4	240	28	7	04	48	7	0400	
	Kent	Isle of Grain	48	40	33	-	0	4	11	225	228	278	2	7.3	220	26	11	14	44	11	1400	
		Dungeness	70	50	33	7, 23, 24	8	17	87	326	183	86	54	13.2	240	43	7	06	65	7	0530	
		Dover	68	38	62	7	2	9	30	363	270	79	0	11.1	230	35	7	06	55	7	0500	
	Sussex	Thorney Island	75	65	42	-	0	2	5	271	277	191	0	8.2	260	26	7	03	46	7	0210	
	Hampshire	Calshot	50	41	33																	
		S. Farnborough	318	69	35	-	0	3	8	201	387	148	0	7.9	260	24	7	05	48	7	0350	
	Berkshire	Abingdon	295	40	40	-	0	3	9	285	314	136	0	9.1	200	24	26	13	39	26	1825	
	Wiltshire	Larkhill	491	51	36	-	0	0	0	158	340	246	0	6.5	200	21	26	14	45	26	1400	
		Porton	406	44	44	-	0	5	26	224	266	228	0	8.2	210	26	26	15	41	7	0335	
7a	Cumberland	Carlisle	137	42	42	-	0	2	8	263	344	129	0	9.0	220	24	11	16	42	11	1515	
		Sellafield	83	39	35	-	0	3	17	366	318	43	0	11.1	300	28	26	23	42	26	2215	
		Spadeadam	959	51	40	-	0	7	36	331	270	107	0	11.0	230	30	11	17	50	11	1710	
	Westmorland	Moor House	1960	50	45	10, 11, 26	11	17	176	373	143	28	13	16.3	270	43	24	13	57	24	1140	
	Lancashire	Southport	59	41	33	24, 26, 27	7	15	161	273	254	49	0	14.3	280	41	26	24	63	26	2310	
		Liverpool Airport	84	41	33	-	0	8	55	465	199	25	0	13.1	260	32	26	23	52	26	2220	
	Cheshire	Bidston Observatory	262	64	39	27	2	9	49	311	271	99	12	-	(270)	35	27	01	(61)	26	2335	
		Manchester Airport	261	33	33	-	0	6	26	245	343	130	0	9.1	260	26	24	14	48	24	1430	
7b	Anglesey	Holyhead (Valley)	76	50	40	11, 26	5	9	75	330	225	109	0	12.2	200	35	26	13	49	26	1205	
8a	Cardigan	Aberporth	483	41	41	-	0	11	84	380	189	91	0	12.9	260	(32)	26	21	(48)	23	2015	
	Pembroke	Milford Haven	246	50	35	-	0	5	25	356	235	120	8	10.3	280	26	26	21	46	26	2040	
	Glamorgan	Port Talbot	91	40	35	-	0	7	47	405	228	64	0	11.9	110	28	14	12	42	14	1100	
		Rhoose	257	37	32	-	0	7	43	409	248	44	0	12.4	250	31	23	22	45	23	2225	
8b	Devon	Plymouth	191	88	65	-	0	7	45	239	306	154	0	9.4	-	33	3	15	42	14	1155	
	Cornwall	St. Mary's, Scilly	230	65	57																	
		The Lizard	315	75	60	-	0	9	61	293	252	113	25	10.9	220	33	3	15	47	3	1515	
NORTHERN IRELAND																						
	Londonderry	Ballykelly	52	50	35	-	0	6	29	240	326	149	0	9.1	240	32	11	16	57	11	1430	
	Antrim	Aldergrove	281	65	55	-	0	6	29	324	288	103	0	10.5	250	31	11	14	52	11	1405	
		Nutts Corner	344	31	31	-	-	-	-	-	-	-	-	-	290	27	22	11	45	11	1025	
CHANNEL ISLES																						
		Jersey Airport	359	86	50	-	0	7	47	458	216	23	0	13.5	280	31	6	21	44	6	1520	

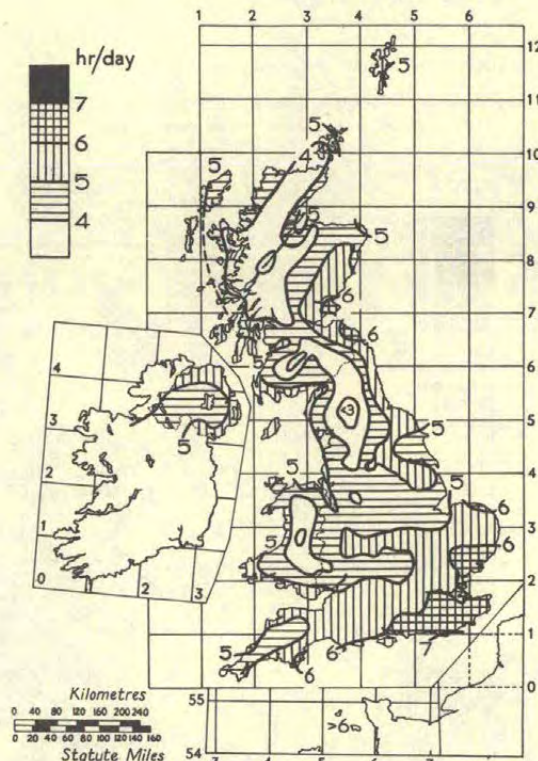


## MEAN PRESSURE AT 9 G.M.T.

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



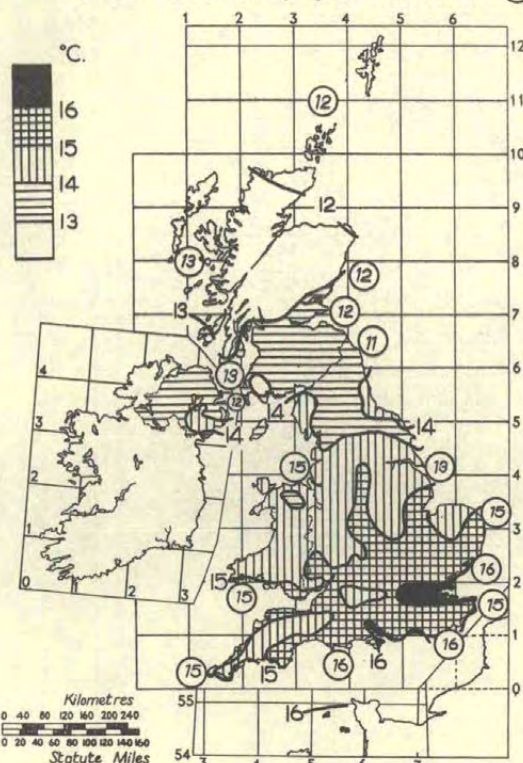
## BRIGHT SUNSHINE



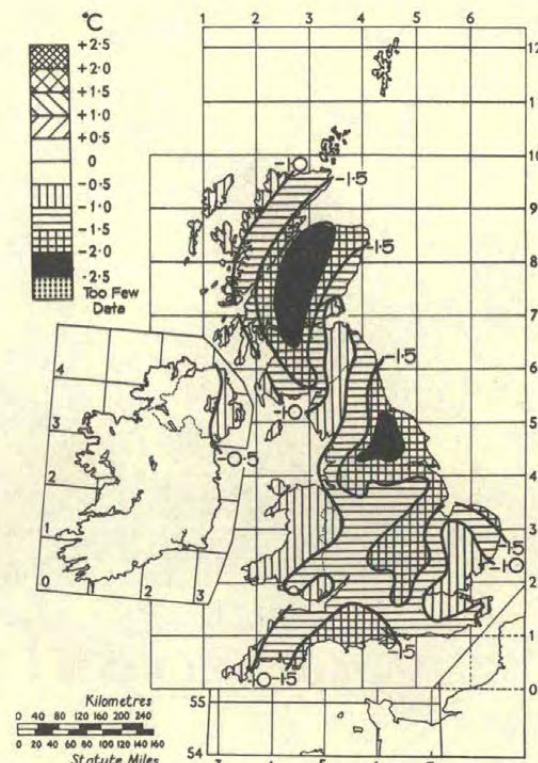
## MEAN AIR TEMPERATURE

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

## AUGUST 1962

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

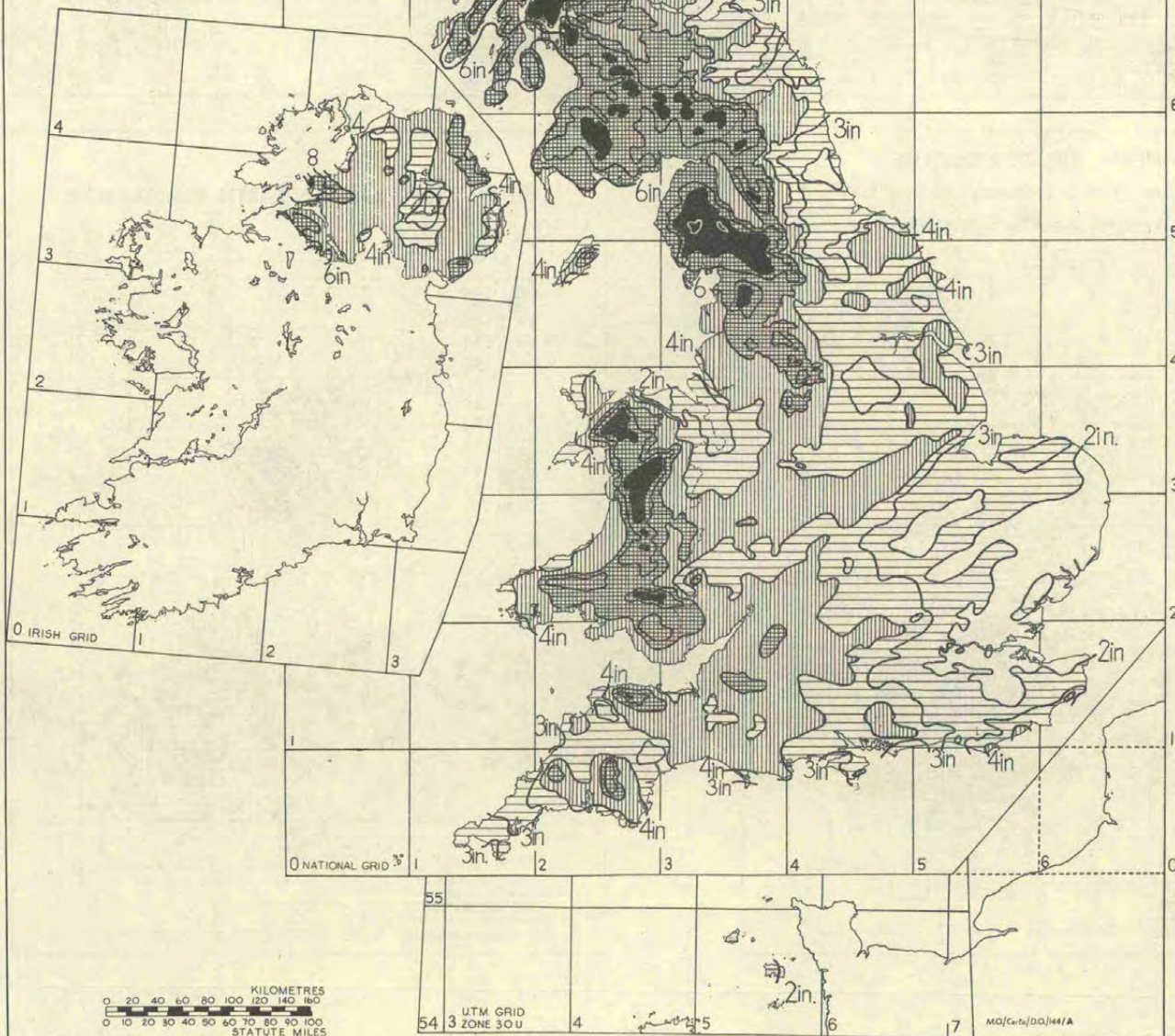
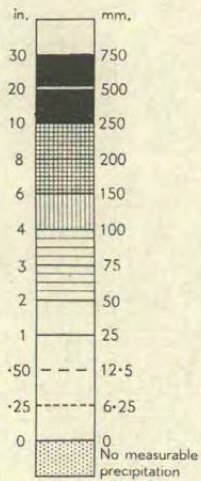




TABLE III—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER AUGUST 1962

DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)			WEATHER										BRIGHT SUNSHINE					
			Means of		Difference from Average	Highest Maximum and Lowest Minimum				Total Fall			Percentage of Average	Most in a day	Precip'n			Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. O.C. or less	Gale	Daily Mean	Percentage of Average			
			A Max.	B Min.		Maximum	Date	Minimum	Date	1 ft.	4 ft.	Amount	Date	-0.1in. (0.2mm.) or more	-0.1in. (1.0mm.) or more																
			G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.												hr	%			
0 SCOTLAND, N.																															
Zetland	Hamnavoe	9 9	70	13.9	9.4	11.7	-	18.3	17	6.1	9	-	-	5.99	-	.87	9	21	19	0	0	0	0	0	0	0	0	0	3	5.46	-
	Lerwick Obs'y.	§	21-9	288	13.3	8.9	11.1	-0.8	15.6	18	5.2	9	-	-	5.48	199	.66	11	18	14	0	0	0	0	0	2	0	0	1	4.55	118
	Baltsound	...	9 9	78	14.0	8.3	11.1	-	16.7	18	5.0	9, 14	10.7	-	5.43	189	.80	9	21	17	1	0	0	0	0	0	0	0	1	5.21	-
Orkney	Sule Skerry	...	9 9	43	13.5	9.9	11.7	-	15.5	13	7.5	7	-	-	6.79	-	1.85	4	25	18	0	0	0	0	0	0	0	0	2	-	-
	Stenness	...	9 9	75	14.6	8.7	11.7	-	17.8	11	5.6	31	11.6	-	8.12	-	1.95	4	24	20	0	0	0	0	0	0	0	0	0	3.97	-
	Costa	...	9 9	115	14.3	8.9	11.6	-	17.8	2, 11	6.1	8	-	-	6.95	-	2.03	3	24	19	0	0	0	0	0	0	0	0	2	4.94	-
Caithness	Kirkwall (Grimsetter)	§	21-9	84	14.1	8.7	11.4	-	17.0	11	5.1	8	-	-	7.65	267	1.72	3	23	17	0	0	0	0	0	0	0	0	2	5.34	-
	Downreay	...	9 9	70	14.8	8.0	11.4	-	20.6	20	5.0	8, 14	-	-	6.98	-	1.80	4	25	19	0	0	0	0	0	0	0	0	1	-	-
	Wick	§	21-9	119	14.2	8.0	11.1	-1.4	16.9	11	2.8	8	-	-	4.71	179	.79	4	23	16	0	0	0	0	0	0	0	1	0	4.71	101
Sutherland	Cape Wrath	...	21-9	367	13.0	9.6	11.3	-	18.0	19	8.0	10	-	-	5.83	145	1.20	4	25	20	0	0	0	0	0	0	0	0	0	3	-
	Laig (Achany)	...	9 9	280	15.8	7.5	11.7	-	20.6	20	0.6	8	12.7	11.4	-	6.16	190	1.01	4	28	20	0	0	0	0	1	0	0	9	0	-
	Strathay	...	9 9	120	14.7	8.2	11.5	-	20.0	20	3.9	14	-	-	7.39	208	1.72	4	26	23	0	0	0	0	1	0	0	0	0	3.84	-
Ross & Cromarty	Stornoway	§	21-9	11	14.8	8.7	11.7	-1.4	17.0	1	3.4	14	-	-	5.74	171	.59	4	28	23	0	0	0	0	1	0	0	1	5.10	119	
	Balmacara	...	9 9	2	15.6	9.9	12.7	-	19.4	14	5.0	14	-	-	8.15	-	.76	23	31	26	-	-	-	-	-	-	-	-	-	-	-
	Poolwee	...	9 9	20	15.4	9.9	12.7	-	19.4	19	5.0	8	-	-	8.08	-	1.20	23	23	23	0	-	0	0	0	0	0	0	3	4.17	-
	Achnashellach	...	9 9	220	15.2	8.0	11.6	-1.8	20.6	19	-1.1	14	-	-	12.26	187	1.40	4	27	25	0	0	0	0	0	0	1	-	0	-	-
	Kinlochewe	...	9 9	76	16.2	8.2	12.2	-	21.1	20	2.2	8	13.1	-	11.10	-	1.10	11	24	24	0	0	0	0	0	2	0	4	2	2.36	-
	Garve (Blackbridge)	...	9 9	690	15.2	-	-	-	20.0	20	-	-	-	-	7.68	-	1.10	24	25	23	-	-	-	-	-	-	12	-	2	2.95	-
	Fortrose	§	9 9	15	15.3	10.3	12.8	-1.1	18.3	20	7.2	8	-	-	3.78	147	.93	16	22	17	0	0	0	0	0	0	0	-	1	4.38	97
	Tarbatness	...	21-9	60	15.0	10.2	12.6	-	19.5	20	8.0	18	-	-	3.16	-	.94	16	20	14	0	0	0	0	0	0	0	0	-	0	-
Inverness	Benbecula	...	21-9	19	14.8	10.4	12.6	-	17.6	14	6.5	14	-	-	5.35	140	.63	4	25	21	0	0	0	0	0	0	0	0	2	5.35	-
	Isle of Rhum	...	9 9	15	15.6	9.7	12.7	-	19.4	14	3.9	14	14.7	13.3	-	1.72	9	24	22	0	0	0	1	0	0	0	0	6	-	-	-
	Prabost	...	9 9	220	14.8	8.9	11.9	-	17.8	14, 19	5.0	8	-	-	7.41	-	.88	10	27	24	0	0	0	1	0	0	0	1	2	3.52	-
	Duntulm	...	9 9	294	14.5	9.5	12.0	-	17.8	18, 19	6.7	8	-	-	6.00	136	.63	4	25	21	0	0	0	0	0	0	0	0	2	4.32	-
	Onich	§	9 9	48	15.4	9.2	12.3	-1.6	20.6	14	3.3	14	-	-	9.60	146	1.15	10	27	25	0	0	0	0	1	0	0	5	0	3.21	89
	Fort William	...	9 9	27	15.9	9.3	12.6	-	20.6	14	1.7	14	13.1	13.2	-	8.46	-	1.11	10	24	21	0	0	0	0	0	0	2	1	2.79	-
	(Camaghael)	...	9 9	70	15.9	8.9	12.4	-1.5	20.0	14, 18, 31	-0.6	14	-	-	6.39	-	.72	4	25	22	0	0	0	0	0	0	1	-	0	3.87	-
	Fort Augustus	...	9 9	350	15.7	7.1	11.4	-	20.6	19	(-1.1)	14	-	-	5.72	163	.61	4	26	23	0	0	0	0	0	0	1	9	0	-	-
	Cannich	...	18-9	1176	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Dalwhinnie	...	9 9	13	16.6	9.1	12.9	-	20.6	19, 20, 30	2.2	2	-	-	3.62	-	.90	16	22	14	0	0	0	0	0	0	0	0	4.56	-	-
	Inverness	...	9 9	1000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Achnagoichan	...	9 9	1000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Glenmore Lodge	...	9 9	1120	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1 SCOTLAND, E.																															
Nairn	Nairn	§	9 9	20	16.1	8.9	12.5	-1.3	20.0	20	2.8	14	-	-	4.54	164	1.18	16	20	14	0	0	0	0	0	0	0	0	0	4.97	112
Moray	Grantown-on-Spey	...	9 9	720	15.5	6.6	11.1	-	20.6	14	-0.6	14	-	-	4.71	-	1.02	16	26	18	-	0	-	-	-	0	1	2	-	-	-
	Forres	...	9 9	155	16.1	8.7	12.4	-	21.1	19, 20	3.3	8	12.9	12.0	-	4.14	153	1.44	16	20	14	0	0	0	0	0	0	0	0	3.76	-
	Kinloss	...	21-9	15	16.3	8.9	12.6	-	21.2	20	2.7	14	12.4	-	3.99	-	1.05	16	22	19	0	0	0	0	0	0	1	2	3.83	-	
	Elgin	...	9 9	92	16.1	9.4	12.7	-	20.6	20	5.0	8	-	-	4.54	-	1.13	16	25	20	0	0	0	0	0	0	0	0	0	4.55	-
	Lossiemouth	...	9 9	21	15.7	8.9	12.3	-	20.6	20	2.8	14	-	-	3.74	-	.60	15	18	15	0	0	0	0	1	0	0	0	0	3	-
	Gordon Castle	...	9 9	104	16.2	8.9	12.5	-1.7	20.6	20	4.4	8	-	-	4.08	131	.99	16	22	21	0	0	0	0	0	0	0	-	0	4.38	95
Banff	Banff (Coastguard)	...	9 9	80	15.2	8.8	12.0	-	18.3	2, 20	5.6	10, 14	-	-	5.23	-	1.02	2	23	18	1	0	0	0	1	0	0	-	1	4.03	-
Aberdeen	Braemar	...	9 9	1113	-	7.1	-	-	-	-	-1.1	14	-	-	3.69	119	.77	16	20	17	-	0	-	-	-	0	1	-	-	-	-
	Balmoral	...	9 9	927	15.4	6.3	10.9	-1.5	20.6	5	-1.1	14	-	-	3.85	133	1.03	16	25	14	0	0	0	0	0	-	1	4	1	-	-
	Logie Coldstone	...	9 9	608	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Huntly	...	9 9	405	15.6	8.4	12.0	-	19.0	20	3.4	14	-	-	5.68	-	1.24	2	25	18	0	0	0	0	1	0	0	0	0	-	-
	Fyvie Castle	...	9 9	218	15.9	7.9	11.9	-	20.0	11	2.8	13, 14	-	-	4.95	-	.90	3	20	16	-	0	-	-	-	-	0	1	-	4.94	-
	Craibstone	§	9 9	300	15.3	8.2	11.7	-1.6	18.3	11	4.4	14	12.4	11.4	-	6.03	202	1.23	3	22	12	0	0	0	0	0	0	0	1	4.89	100
	Dyce	...																													



TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER AUGUST 1962

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)				WEATHER Number of days										BRIGHT SUNSHINE		
				Means of		Difference from Average	Highest Maximum and Lowest Minimum				Total Fall			Percentage of Average	Most in a day		Precip'n			Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. O°C. or less	Gale	Daily Mean	Percentage of Average
				A Max.	B Min.		Maximum	Date	Minimum	Date		Amount	Date		-0.1in. (0.2mm. or more)	-0.4in. (1.0mm. or more)	Thunder heard													
				Max. Min.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.											hr	%
1 SCOTLAND, E.—cont.																														
Midlothian	Balerno ...	99	700	-	-	-	-	-	-	-	-	-	-	4.54	-	(1.09)	(3)	21	18	-	-	-	-	-	-	-	-	4.38	-	
	Midcalder ...	99	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Turnhouse ...	21-9	114	16.7	9.3	13.0	-	20.0	20	1.9	14	-	-	3.89	125	.89	3	20	12	0	0	0	0	0	0	2	1	5.14	-	
	Edinburgh—																													
	East Craigs ...	99	200	16.6	9.4	13.0	-	19.4	20	3.3	14	-	-	4.07	-	.91	3	23	17	0	0	0	0	0	0	2	0	5.53	-	
	Davidson's Mains	99	200	16.8	9.7	13.3	-	20.0	14	5.0	13	14.1	-	4.63	-	.93	3	23	17	0	0	0	0	0	0	0	1	5.43	-	
	Penicuik ...	99	620	16.3	8.5	12.4	-	18.9	14, 18, 20	2.8	14	13.8	-	5.65	-	1.41	3	21	17	0	0	0	0	0	0	0	0	5.18	-	
	Bush House ...	99	605	15.7	9.1	12.4	-	18.3	19, 20	2.8	14	13.2	12.2	5.79	-	1.46	10	23	17	0	0	0	0	0	0	0	0	5.51	-	
	Edinburgh—																													
	Blackford Hill §§	99	441	16.6	10.0	13.3	-0.9	19.4	1, 20	6.7	8, 13	-	-	3.54	112	1.09	3	20	12	0	0	0	0	0	0	0	0	5.37	116	
E. Lothian	Liberton ...	99	200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Botanic Garden	99	74	16.8	10.1	13.5	-	19.4	14, 20	4.4	14	14.0	-	3.85	-	.94	3	19	13	0	0	0	0	0	0	2	0	5.89	-	
	Haddington ...	99	162	16.9	9.7	13.3	-	20.0	20	2.8	14	-	-	3.07	-	.81	3	21	14	0	0	0	0	0	0	1	0	5.78	-	
	North Berwick ...	99	51	17.3	10.2	13.7	-0.6	19.4	1	5.6	13	-	-	2.60	85	.84	3	20	11	0	0	0	0	0	0	0	0	5.26	111	
	Dunbar ...	99	75	16.6	10.3	13.5	-	19.4	20	5.6	14	-	-	3.10	-	.82	3	15	14	0	0	0	0	0	0	0	0	6.79	-	
	Lauder ...	99	600	16.2	8.6	12.4	-	18.3	3	1.7	15	-	-	4.45	-	.94	2	19	15	0	0	0	0	0	1	0	2	5.33	-	
	Marchmont §§	99	498	16.3	8.9	12.6	-1.3	18.9	19	5.0	14	-	-	3.74	114	.77	3	21	13	0	0	0	0	0	0	1	5.96	132		
	St. Abb's Head ...	99	245	15.6	10.3	12.9	-	19.0	20	7.8	4	-	-	2.95	-	.95	3	17	15	0	0	0	0	0	1	0	5	-	-	
	Broughton ...	99	741	15.4	8.9	12.1	-	18.9	19	0.6	14	-	-	6.94	-	1.64	3	24	19	0	0	1	0	0	0	0	2	0	-	-
	Blyth Bridge ...	99	830	14.9	8.4	11.7	-	17.8	18, 19	1.1	14	-	-	5.97	-	1.30	3	24	19	0	0	0	0	0	0	2	0	3.80	-	
Peebles	West Linton ...	99	800	15.4	8.0	11.7	-	18.3	19	0.6	14	12.7	12.1	6.60	-	(1.25)	3	25	21	0	0	0	0	0	0	1	0	-	-	
	Peebles ...	99	645	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Peebles (Glentress)	99	580	16.2	8.6	12.4	-	18.9	20	1.1	13	-	-	4.93	-	1.23	3	20	17	0	0	0	0	0	0	0	-	-		
	Selkirk (Bowhill)	99	600	16.6	8.5	12.5	-	18.9	13, 31	1.7	14	-	-	3.32	-	.84	3	20	14	0	0	0	1	0	0	2	-	-		
	Roxburgh	99	560	16.1	8.3	12.2	-	18.3	1, 13, 31	1.7	13, 14	-	-	4.11	-	.82	3	20	18	-	0	-	-	1	0	-	-	-		
	Sourhope ...	99	900	15.4	8.5	11.9	-	18.3	1, 19, 30	2.2	13, 14	-	-	3.26	-	.63	3	21	16	0	0	1	0	0	0	1	0	4.30	-	
6a SCOTLAND, W.																														
Argyll	Tiree ... §§	21-9	29	15.3	10.3	12.8	-0.9	17.7	14	6.4	8	-	-	4.86	135	.67	10	23	22	0	0	0	0	0	0	1	2	5.93	116	
	Rhuvaal ...	21-9	65	15.0	10.8	12.9	-	18.1	14	8.6	14	-	-	5.31	-	.83	10	26	22	0	0	0	0	0	0	0	1	-	-	
	Colonsay ...	99	87	15.7	9.6	12.7	-	19.4	14	3.9	14	-	-	5.60	128	.90	15	25	24	0	0	0	1	0	0	0	6	-	-	
	Campbeltown ...	99	10	16.3	9.7	13.0	-	18.9	31	4.4	27	-	-	3.65	-	.54	15	24	17	-	0	-	-	-	0	-	5.36	-		
	Tarbert (Achaglachgach)	99	40	16.6	8.5	12.5	-	19.4	14	3.3	13, 14	-	-	8.60	-	1.10	10	27	27	0	0	0	0	0	0	0	0	-	-	
	Oban ...	99	229	14.9	8.1	11.5	-	19.4	14	3.9	14	-	-	7.60	163	1.24	10	27	26	0	0	0	0	1	0	0	1	3.88	92	
	Lepinmore ...	99	30	15.9	9.7	12.8	-	19.4	14, 31	3.9	14	-	-	9.18	-	1.19	10	25	24	0	0	1	0	1	0	2	0	3.50	-	
	Glenbranter ...	99	120	16.1	8.7	12.4	-1.5	20.6	21	1.1	14	-	-	14.86	208	2.35	10	26	24	-	0	-	-	0	0	-	-	-		
	Benmore (Forestry Sch.)	99	46	16.1	9.1	12.6	-	20.0	14	4.4	8	13.6	12.9	11.43	160	2.00	10	25	23	0	0	0	0	0	0	0	0	-	-	
	Benmore																													
Bute	(Younger Bot. Gdn.)	99	40	16.2	9.7	12.9	-	21.1	14	3.3	14	-	-	11.64	-	2.16	10	28	23	0	0	0	0	1	0	0	1	0	-	-
	Rothsay §§	99	150	15.8	9.9	12.9	-1.2	20.0	14	6.1	8	13.6	12.3	8.12	169	1.25	10	29	26	0	0	0	0	0	1	0	1	0	4.80	107
	Millport ...	99	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Helensburgh ...	99	293	16.2	9.4	12.8	-1.5	20.0	31	4.4	13, 14	-	-	7.19	146	1.50	10	26	23	0	0	0	0	0	0	0	0	-	-	
	Cumernauld ...	99	310	16.7	8.7	12.7	-	20.0	6	2.2	13, 14	-	-	6.80	-	1.37	10	24	22	0	0	0	0	0	0	0	0	-	-	
	Stirling ...	99	151	16.8	7.6	12.2	-2.6	19.4	14, 20	1.7	14	15.2	12.9	4.33	125	.92	10	24	20	0	0	0	0	0	0	0	0	4.99	-	
	Falkirk ...	99	100	17.0	9.7	13.3	-	19.4	14, 20	3.9	14	-	-	5.95	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Greenock ...	99	200	16.1	10.2	13.1	-1.5	20.6	14	7.2	13, 14	-	-	7.47	161	1.56	10	24	23	0	0	0	0	0	0	0	0	4.52	-	
	Paisley ...	99	106	17.2	10.1	13.7	-1.4	21.1	14	2.2	14	13.7	12.1	5.37	150	.99	10	22	19	0	0	0	0	0	0	0	2	1	4.58	102
	Barrhead ...	99	97	16.4	10.0	13.2	-	20.0	14	1.7	14	-	-	5.90	-	1.19	10	22	21	0	0	0	0	0	0	0	0	-	-	
Renfrew	Renfrew ... §§	21-9	26	16.7	9.9	13.3	-1.1	20.7	14	1.7	14	-	-	4.95	149	.95	10	22	19	0	0	0	0	0	0	2	0	4.79	111	
	Thorntonhall ...	99	453	15.6	9.1	12.3	-	19.4	14	3.3	14	-	-	6.61	-	1.22	10	22	20	0	0	0	0	0	0	3	0	-	-	
	Glasgow, Spr. Pk.	99	351	16.4	9.5	12.9	-	20.6	14	5.0	13, 14	-	-	5.86	158	1.04	10	24	20	0	0	0	0	0	0	2	0	4.04	-	
	Coatbridge ...	99	256	16.4	9.5	12.9	-	21.1	14	3.3	14	-	-	5.21	-	1.16	26	23	19	0	0	0	0	0	0	0	-	-		
	Coalburn (Midtown)	99	707	15.4	8.1	11.7	-	19.0	18	0.3	14	13.3	-	7.																



TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER AUGUST 1962

DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)		WEATHER										BRIGHT SUNSHINE					
			Means of		Difference from Average	Highest Maximum and Lowest Minimum				1 ft.	4 ft.	Total Fall	Per-centage of Average	Most in a day	Number of days										Daily Mean	Per-centage of Average				
			A	B		Maximum	Date	Minimum	Date						Precip'n	Snow or Sleet	Snow lying at 9h.	Hall	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. O°C or less	Gale						
																										Max. Min.	ft.	°C.	°C.	°C.
2 ENGLAND, N.E.—cont.																														
Northumbria	Haydon Bridge ...	9 9	270	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Berwick-on-Tweed ...	9 9	76	16.4	9.9	13.1	-0.8	18.9	11, 20, 30	5.0	14	-	-	3.25	120	.61	3	18	13	0	0	0	0	0	0	0	0	6.04	123	
	Ponteland ...	9 9	220	17.1	9.4	13.3	-	20.6	11	1.7	14	-	-	2.70	-	.70	19	14	13	0	0	0	0	0	0	0	3	-	-	
	Cockle Park ...	9 9	326	16.3	9.2	12.7	-1.3	18.9	10, 20	4.4	14	13.2	-	3.23	107	1.03	19	17	12	0	0	0	0	0	0	0	1	5.66	121	
	Acklington ...	21-9	138	16.8	9.3	13.1	-	19.6	20	2.6	14	-	-	3.07	-	.98	19	18	12	0	0	0	0	0	0	0	0	1	-	-
Durham	Tynemouth ...	21-9	95	16.7	11.0	13.9	-0.9	20.5	11	6.7	8	-	-	2.28	75	.40	6	17	12	0	0	0	0	0	0	0	0	5.42	-	
	Chopwellwood ...	9 9	446	17.2	9.2	13.2	-1.2	19.4	20	3.9	14	-	-	1.81	59	.45	14	14	11	0	0	0	0	0	0	0	0	-	-	
	Ushaw College ...	9 9	594	16.8	-	-	-	19.4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Houghall ...	9 9	123	17.7	8.8	13.3	-1.6	20.6	20	1.7	14	-	-	2.84	98	.71	26	15	12	0	0	0	0	0	0	0	0	5.43	119	
	Durham ...	9 9	336	17.3	9.3	13.3	-1.4	20.0	20	3.3	14	13.8	12.4	2.52	93	.47	26	17	11	-	-	-	-	-	-	0	0	5.49	116	
Yorks., N. Riding	Gateshead ...	9 9	509	16.5	10.2	13.3	-	19.4	20	6.7	8	-	-	2.75	-	.67	2	17	12	-	-	-	-	-	-	0	0	5.35	-	
	Middleton St. Gge. ...	21-9	115	17.9	9.8	13.9	-	20.7	20	1.7	14	-	-	2.07	-	.38	6	17	12	0	0	0	0	0	0	0	0	4.89	-	
	West Hartlepool ...	9 9	30	17.7	10.6	14.1	-	21.1	20	6.7	14	-	-	2.12	-	.54	26	14	11	0	0	0	0	0	0	0	0	5.15	-	
	Dishforth ...	21-9	105	18.1	10.4	14.3	-	21.7	19	5.2	14	-	-	2.84	114	.86	6	14	11	0	0	0	0	0	0	0	0	4.99	-	
	York ...	9 9	57	18.4	10.9	14.7	-1.3	22.2	19	7.8	13	14.7	13.6	4.18	163	1.31	6	18	16	0	0	0	0	0	0	0	0	4.64	92	
	Ampleforth ...	9 9	313	17.0	9.7	13.3	-1.7	20.6	20	6.1	14	-	-	3.85	125	.95	6	17	11	0	0	0	0	0	0	0	0	4	-	-
	Redcar ...	9 9	25	18.1	10.8	14.5	-	22.2	20	5.0	14	-	-	2.71	105	1.10	6	18	12	-	-	-	-	-	-	0	0	5.10	-	
	Whitby ...	9 9	135	17.5	10.6	14.1	-	22.2	20	7.8	8	-	-	2.86	104	.94	6	15	12	0	0	0	0	0	0	0	0	5.08	-	
	Scarborough ...	9 9	118	18.1	10.8	14.5	-1.3	21.1	20	8.3	8, 14	-	-	3.76	145	1.06	6	15	11	0	0	0	0	0	0	0	0	5.15	99	
	Silpho Moor ...	9 9	665	16.7	9.1	12.9	-	20.6	20	5.6	14	12.6	-	4.79	-	1.08	6	17	14	0	0	0	0	0	0	0	0	0	5.13	-
Fylingdales Moor ...	9 9	805	16.1	8.6	12.3	-	19.4	20	5.0	13	-	-	4.90	-	1.55	6	17	14	0	0	0	0	0	0	0	0	2	-	-	
Yorks., E. Riding	High Mowthorpe ...	9 9	574	16.8	9.1	12.9	-	21.1	20	6.1	14	13.7	-	3.99	-	.93	6	17	12	0	0	0	0	0	0	0	0	0	4.63	-
	Hull ...	9 9	8	18.9	11.2	15.1	-1.3	22.8	19	7.8	14	14.8	12.7	4.14	160	1.21	6	15	11	0	0	0	0	0	0	0	0	0	4.82	90
	Leconfield ...	21-9	24	18.2	10.3	14.3	-	21.8	11, 19	7.1	19	-	-	3.57	-	1.08	6	14	9	0	0	0	0	0	0	0	0	0	4.67	-
	Filey ...	9 9	122	17.2	9.5	13.3	-	21.1	20	3.9	14	-	-	4.09	-	1.05	6	16	11	0	0	0	0	0	0	0	0	0	4.75	-
	Bridlington ...	9 9	157	17.3	9.3	13.3	-	20.6	11	6.1	9	-	-	4.38	-	1.12	7	16	12	0	0	0	0	0	0	0	0	0	4.40	-
Lincoln	Spurn Head ...	21-9	29	17.5	11.7	14.6	-1.5	20.6	4	9.4	4	-	-	2.93	-	.94	6	12	10	0	0	0	0	0	0	0	0	0	4.54	80
	Gainsborough ...	9 9	110	18.9	9.9	14.4	-	22.2	2	5.0	13	-	-	2.67	-	.50	11	14	12	0	0	0	0	0	0	0	0	0	-	-
	Waddington ...	21-9	224	18.2	10.6	14.4	-	22.1	19	7.5	6	-	-	4.03	-	1.38	6	15	9	0	0	0	0	0	0	0	0	0	4.96	-
	Lincoln ...	9 9	22	18.8	9.7	14.3	-	22.2	2, 19	3.9	13	15.1	14.0	3.81	-	1.25	6	14	12	0	0	0	0	0	0	0	0	0	4.66	-
	Cranwell ...	9 9	205	18.6	10.4	14.5	-1.4	23.5	18	7.3	9	15.7	15.7	3.02	139	1.14	6	12	12	0	0	0	0	0	0	0	0	0	4.92	85
Norfolk	Cleethorpes ...	9 9	23	18.7	10.8	14.7	-1.2	22.8	19	7.8	9	-	-	3.99	188	1.47	6	13	11	-	-	-	-	-	-	0	0	5.44	95	
	Manby ...	21-9	55	18.9	10.3	14.6	-	22.7	20	6.1	9	-	-	4.41	-	1.37	6	15	11	0	0	0	0	0	0	0	0	5.18	-	
	Skegness ...	9 9	15	19.2	10.8	15.1	-0.8	22.2	19	6.7	5, 6	-	-	3.74	175	1.53	16	18	12	0	0	0	0	0	0	0	0	4.92	84	
	3 ENGLAND, E.																													
	Terrington ...	9 9	13	19.7	9.8	14.7	-	23.9	20	5.0	9	15.4	-	2.39	127	.82	6	15	13	0	0	0	0	0	0	0	0	0	4.51	-
	St. Clement ...	21-9	76	19.2	10.2	14.7	-	23.7	19	4.7	9	-	-	2.11	-	.34	6	16	12	0	0	0	0	0	0	0	0	0	-	-
	Marham ...	9 9	80	19.9	8.8	14.3	-	24.0	19	0.0	9	14.8	13.2	2.38	-	.70	20	15	9	-	-	-	-	-	-	0	0	-	-	
	Santon Downham ...	9 9	250	18.5	9.9	14.2	-	22.6	19	6.0	6, 9	-	-	3.00	-	.57	7	16	13	0	0	0	0	0	0	0	0	0	5.31	-
	West Raynham ...	21-9	178	18.1	10.3	14.2	-2.2	22.2	11, 19	4.4	19	-	-	3.03	151	.66	20	15	12	-	-	-	-	-	-	0	0	0	6.42	107
	Suffolk	Cromer ...	9 9	93	19.4	10.9	15.1	-1.2	22.2	11, 19, 20	6.7	9	15.2	-	2.33	110	.58	16	13	10	0	0	0	0	0	0	0	0	0	4.88
Sproston ...		9 9	89	19.1	10.8	14.9	-	21.7	11, 19	7.8	9	-	-	1.68	81	.37	6	13	11	0	0	0	0	0	0	0	0	2	5.62	-
Burlingham ...		21-9	12	19.0	11.9	15.5	-1.0	22.4	11	8.4	8	15.8	14.4	1.65	82	.37	6	15	9	0	0	0	0	0	0	0	0	0	5.71	92
Mildenhall ...		21-9	15	20.0	11.1	15.5	-	24.7	19	6.9	30	-	-	1.76	87	.43	6	13	11	0	0	0	0	0	0	0	0	0	5.70	-
East Bergholt ...		9 9	14	20.4	10.3	15.3	-	23.9	19, 20	3.9	9	-	-	.97	-	.40	6	10	9	0	0	0	0	0	0	0	0	0	-	-
Cambridge	Wattisham ...	21-9	292	18.8	10.2	14.5	-	24.2	20	5.9	9	-	-	1.40	-	.35	14	14	10	0	0	0	0	0	0	0	0	0	-	-
	Lowestoft ...	9 9	82	19.1	11.3	15.2	-1.3	22.2	11	7.8	8, 9	15.8	14.9	1.63	76	.40	6	12	9	0	0	0	0	0	0	0	0	0	5.74	91
	Boxworth ...	9 9	157	19.7	9.9	14.8	-	23.9	19	6.1	9	-	-	2.19	125	.97	6	11	8	0	0	0	0	0	0	0	0	0	5.90	-
	Cambridge Bot. Gdn. ...	9 9	41	20.1	10.5	15.3	-1.3	24.4	19	5.0	9	16.3	15.3	1.95	103	.88	6	11	8	0	0	0	0	0	0	0	0	0	-	-
	Cambridge N.I.A.B. ...	9 9	85	19.9	11.0	15.5	-	23.9	19	6.7	9	-	-	2.17	117	.87	6	12	9	0	0	0	0	0	0	0	0	0	5.87	101
Huntingdon	Wytton ...	21-9	129	19.6	11.0	15.3	-	24.0	19	7.0	9	-	-	2.32																



TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER AUGUST 1962

DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)		WEATHER Number of days										BRIGHT SUNSHINE					
			Means of		Difference from Average	Highest Maximum and Lowest Minimum				Total Fall			Per-centage of Average	Most in a day	Precip'n	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min O C or less	Gale	Daily Mean	Per-centage of Average				
			A Max.	B Min.		Maximum	Date	Minimum	Date	1 ft.	4 ft.	Amount	Date	0.01 in (0.2mm.) or more	0.01 in (1.0mm.) or more															
			Max. Min.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.										hr	%				
4 MIDLAND COUNTIES—cont.																														
Yorks.,	Ilkley	...	9 9	315	17.6	10.6	14.1	-1.1	21.7	19	7.8	9, 14, 30	-	-	3.88	114	1.09	26	16	14	0	0	0	0	0	0	0	0	4.29	88
W. Riding—	Sheffield	...	9 9	429	17.8	10.8	14.3	-1.5	21.1	19	8.3	7, 9, 30	14.7	13.2	3.74	134	1.22	6	16	12	0	0	0	0	0	0	0	0	4.70	95
cont.	Wakefield	...	9 9	121	18.8	10.6	14.7	-1.3	22.8	18	5.6	30	13.9	12.8	3.13	119	1.27	6	14	10	0	0	0	0	0	0	0	0	-	-
	Pontefract	...	9 9	255	17.7	10.4	14.0	-1.4	20.6	11	7.2	5, 6, 9	-	-	2.80	113	1.25	6	16	8	0	0	0	0	0	0	0	0	-	-
	Bramham	...	9 9	177	18.3	9.4	13.9	-	21.7	20	5.6	14, 30	-	-	3.59	-	1.25	6	16	14	0	0	0	0	0	0	0	0	4.91	-
	Cawood	...	9 9	20	18.2	9.7	13.9	-	22.2	19	4.4	14	14.5	14.1	3.34	133	1.29	6	14	10	0	0	0	0	0	0	0	0	4.74	-
	Askham Bryan	...	9 9	110	18.2	9.8	14.0	-	21.7	19, 20	3.9	14	-	-	3.78	141	1.30	6	16	13	0	0	0	0	0	0	0	0	4.31	-
Derby	Buxton	...	9 9	1007	15.2	9.6	12.4	-1.4	18.3	20	6.1	30	13.3	12.8	6.95	168	1.47	23	19	14	0	0	0	0	0	0	0	0	-	-
	Chapel en le Frith	...	9 9	732	16.7	9.2	12.9	-	20.6	20	3.9	30	-	-	5.83	-	1.33	6	16	14	0	0	0	0	0	0	0	0	-	-
	Mackworth	...	9 9	293	17.8	9.8	13.8	-	20.6	11	5.0	31	-	-	3.47	-	.80	6	17	11	0	0	0	0	0	0	0	0	-	-
	Belper	...	9 9	203	17.7	9.8	13.7	-2.0	21.1	1	3.9	9	-	-	3.10	117	.83	6	16	10	0	0	0	0	0	0	0	0	-	-
	Derby	...	9 9	159	18.6	10.7	14.7	-	21.1	20	5.0	9	-	-	3.09	-	.84	6	15	11	0	0	0	0	0	0	0	0	4.69	-
	Morley	...	9 9	350	17.8	9.9	13.9	-	21.1	2	5.0	6	-	-	3.28	-	.80	6	17	11	0	0	0	0	0	0	0	0	4.31	-
	Chesterfield	...	9 9	298	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	0	0	0	0	0	0	0	0	0	-	-
Nottingham	Sutton Bonington	...	9 9	157	18.3	9.9	14.1	-1.7	21.1	2	4.4	6	14.7	14.0	3.57	162	1.06	6	16	11	0	0	0	0	0	0	0	3	4.19	80
	Watnall	...	21-9	385	18.0	10.1	14.1	-	21.3	2	6.6	9	-	-	3.56	137	1.18	6	14	11	0	0	0	0	0	0	0	0	4.52	-
	Mansfield	...	9 9	362	17.8	10.5	14.1	-1.6	20.6	2, 19	7.2	5, 9	14.7	-	3.34	134	1.31	6	15	12	0	0	0	0	0	0	0	0	-	-
	Nottingham	...	9 9	192	18.7	10.6	14.7	-1.5	21.7	1, 2	7.2	8	14.9	14.3	3.57	151	.98	6	15	12	0	0	0	0	0	0	0	0	4.28	83
	Worsop (Gleadthorpe)	...	9 9	150	18.6	9.0	13.8	-	22.2	2	2.8	9	-	-	2.44	108	1.04	6	16	8	0	0	0	0	0	0	4	4.86	-	
	Finningley	...	21-9	34	18.7	10.9	14.8	-	21.9	19	6.8	5	-	-	2.71	-	1.03	6	14	10	0	0	0	0	0	0	0	2	5.07	-
Leicester	Newtown Linford	...	9 9	392	18.3	9.4	13.9	-	21.1	2	4.4	5, 9	-	-	4.65	-	1.55	6	17	14	0	0	0	0	0	0	0	2	4.77	-
	Caldecott	...	9 9	175	19.6	9.3	14.4	-	22.8	19	2.2	9	-	-	2.40	-	.68	14	15	12	-	-	-	0	0	2	-	5.31	-	
Northampton	Raunds	...	9 9	193	-	-	-	-	-	-	-	-	-	-	1.82	87	.74	6	-	-	-	-	-	-	-	-	-	-	-	-
	Wittering	...	21-9	212	18.9	10.4	14.7	-	22.7	20	5.8	9	-	-	2.43	-	.85	6	14	12	0	0	0	0	0	0	0	0	5.59	-
Warwick	Birmingham K.E.S.	...	9 9	450	17.8	10.7	14.3	-	20.0	2, 20	7.8	4	-	-	3.48	-	1.36	6	15	12	0	0	0	0	0	0	0	0	-	-
	Birmingham	...	21-9	536	17.6	11.0	14.3	-1.5	20.4	2	8.0	4	12.3	11.7	4.88	177	1.78	6	16	14	0	0	0	0	0	0	0	0	4.56	87
	Ludington	...	9 9	138	19.1	10.4	14.7	-	21.7	1	5.0	6, 9	-	-	3.95	178	1.74	6	15	12	0	0	0	0	0	0	0	0	5.18	-
	Strafford on Avon	...	9 9	160	19.4	10.0	14.7	-	21.7	1	5.0	6, 9, 31	16.2	-	4.08	-	1.60	6	15	13	0	0	0	0	0	0	0	0	5.18	-
	Birmingham Airport*	...	21-9	319	18.2	10.1	14.1	-	20.4	1, 20	5.5	6	-	-	4.19	172	1.42	6	16	13	0	0	0	0	0	0	0	0	5.14	-
	Shipston on Stour	...	9 9	365	18.3	9.7	14.0	-	21.1	1	5.6	6	14.9	-	4.59	-	2.57	6	16	12	0	0	0	0	0	0	0	1	4.97	-
	Wellesbourne	...	9 9	153	19.0	10.1	14.5	-	21.7	1	5.0	6, 9	15.4	14.8	3.14	138	1.42	6	15	13	0	0	0	0	0	0	0	1	5.09	-
	Moreton Morrell	...	9 9	280	18.7	10.7	14.7	-	21.1	1, 18, 20	7.2	6, 9, 31	-	-	3.12	-	1.37	6	14	11	0	0	0	0	0	0	0	5	4.95	-
	Coventry	...	9 9	338	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Rugby	...	9 9	385	18.8	10.4	14.6	-	21.7	1	6.7	9	15.2	14.8	4.02	-	1.17	6	15	14	0	0	0	0	0	0	0	3	-	-
Oxford	Oxford	...	9 9	208	19.4	11.6	15.5	-1.2	22.2	1	7.8	9	16.4	15.4	3.78	167	2.11	6	15	10	0	0	0	0	0	0	0	0	4.98	88
Buckingham	Aylesbury	...	9 9	316	19.1	11.1	15.1	-	22.2	1, 19	4.4	31	-	-	2.74	-	1.46	6	15	9	0	0	0	0	0	0	0	0	5.52	-
Stafford	Keele	...	9 9	587	16.8	9.8	13.3	-	20.0	20	7.2	4, 6, 9	13.9	12.7	3.69	121	1.40	6	18	13	0	0	0	0	0	0	0	0	4.78	- S
	Oaken	...	9 9	409	18.2	9.3	14.3	-0.9	21.1	2, 20	6.1	6, 13, 30	14.1	-	4.52	-	2.08	6	15	12	-	-	-	-	-	-	0	1	-	-
	Stone	...	9 9	350	17.6	9.4	13.5	-	20.6	20	4.4	30	-	-	4.26	-	1.72	6	18	13	0	0	0	0	0	0	0	3	4.67	-
	Penkridge	...	9 9	330	18.0	9.3	13.7	-	20.6	20	3.3	30	-	-	3.95	-	1.68	6	15	11	0	0	0	0	0	0	0	0	-	-
	Onecote	...	9 9	1350	14.2	8.4	11.3	-	17.2	20	6.1	4, 5	12.2	10.9	5.32	-	1.25	23	15	15	0	0	0	0	0	0	0	0	3.76	-
Shropshire	Oswestry	...	9 9	570	16.6	10.1	13.3	-	18.3	19, 29	6.7	30	-	-	3.89	-	.75	6	16	14	0	0	0	0	0	0	0	0	4.11	-
	Church Stretton	...	-	582	-	-	-	-	-	-	-	-	-	-	5.34	167	1.40	6	18	16	-	-	-	-	-	-	-	-	(3.78)	- S
	Shrewsbury	...	9 9	184	18.3	10.4	14.3	-	21.1	20	5.0	8, 30	15.8	15.6	3.42	137	.99	14	19	12	0	0	0	0	0	0	1	1	4.58	-
	Shawbury	...	21-9	235	17.7	9.8	13.7	-	20.6	20	4.3	6	-	-	3.14	125	.98	6	17	15	0	0	0	0	0	0	0	2	5.16	-
	Newport	...	9 9	211	17.9	9.2	13.5	-	21.7	20	3.3	30	-	-	3.81	151	1.46	6	17	13	0	0	0	0	0	0	0	0	4.00	-
Worcester	Malvern	...																												



TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER AUGUST 1962

DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)			WEATHER Number of days										BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
			Means of		Difference from Average	Highest Maximum and Lowest Minimum				EARTH TEMPERATURE		Total Fall	Per-centage of Average	Most in a day		Precip'n			Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. °C. or less	Gale	Daily Mean	Per-centage of Average																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
			A	B		Maximum	Date	Minimum	Date	1 ft.	4 ft.			Amount	Date	0.1in. (0.2mm.) or more	0.1in. (1.0mm.) or more																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
			Max.	Min.		°C.	°C.	°C.	°C.	°C.	°C.			in.	%	in.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		



TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER AUGUST 1962

DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)				WEATHER										BRIGHT SUNSHINE			
			Means of		Mean Temperature of A and B	Difference from Average	Highest Maximum and Lowest Minimum				TEMPERATURE		Total Fall	Percentage of Average	Most in a day		Precip'n		Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. O.C. or less	Gale	Daily Mean	Percentage of Average	
			A	B			Maximum	Date	Minimum	Date	1 ft.	4 ft.			Amount	Date	0.1 in. (0.2 mm.) or more	0.01 in. (1.0 mm.) or more												
			Max.	Min.			°C.	°C.	°C.	°C.	°C.	°C.			in.	%	in.													
7a ENGLAND, N.W.																														
Cumberland	Sellafield ...	9 9	43	(16.8)	(11.4)	14.1	-	18.9	1, 17, 30	6.1	14	-	-	7.02	165	1.63	10	19	15	-	0	-	-	0	0	0	-	5.01	-	
	Carlisle ...	21-9	86	17.0	10.2	13.6	-	20.6	31	3.8	13	-	-	5.67	-	1.61	10	22	17	0	0	0	1	0	0	0	0	5.07	-	
	Newton Rigg ¶	9 9	560	16.1	9.7	12.9	-1.3	20.0	31	1.7	14	13.4	-	5.11	154	1.12	26	22	17	-	0	-	-	0	0	1	-	4.11	87	
Westmorland	Spadeadam ...	9 9	900	14.5	8.5	11.5	-	17.8	19	2.2	8, 13	12.2	11.4	10.31	-	2.30	26	24	21	0	0	2	0	1	0	1	0	3.45	-	
	Ambleside ...	9 9	151	16.5	10.3	13.4	-	20.0	31	3.9	14	-	-	11.93	196	2.80	10	22	19	0	0	0	0	1	0	0	-	3.21	-	
	Great Dun Fell ...	-	2780	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(1.58)	-		
Lancashire	Moor House ...	9 9	1825	12.7	6.8	9.7	-	16.1	19	-1.7	14	10.4	-	10.94	-	1.88	10	24	22	0	0	0	0	1	1	4	3	3.25	-	
	Barrow-in-Furness ...	9 9	55	16.9	11.2	14.1	-	21.1	19	6.1	13	-	-	-	-	-	-	-	-	-	-	-	3	0	-	-	-	-	-	
	Squires Gate ...	21-9	33	17.0	12.1	14.5	-	20.4	19	5.1	14	-	-	4.24	121	1.02	23	18	14	0	0	0	0	0	0	0	4	5.42	-	
	Urswick ...	9 9	130	17.0	10.5	13.7	-	20.6	31	5.6	13	-	-	7.48	-	1.47	10	20	16	0	0	0	0	1	0	-	4	-	-	
	Poulton-le-Fylde ...	9 9	38	16.7	11.9	14.3	-	20.6	19	6.7	14	-	-	5.02	-	1.28	23	17	14	0	0	0	0	0	0	-	1	-	-	
	Grizedale ...	9 9	300	-	9.3	-	-	-	-	1.7	14	14.6	-	12.71	-	3.50	10	22	19	0	0	0	0	0	0	2	0	-	-	-
	Liverpool Airport ...	21-9	80	17.7	11.9	14.8	-	21.0	20	8.6	30	-	-	3.98	128	1.04	23	19	13	0	0	0	1	0	0	0	0	4.74	-	
	Kirkham ...	9 9	78	16.9	10.9	13.9	-	20.6	19	5.6	13	-	-	5.49	141	1.35	23	19	16	0	0	0	0	0	0	0	0	4.44	-	
	Garstang ...	9 9	68	16.8	10.7	13.7	-	20.0	19	5.6	13, 14	-	-	5.95	-	1.55	23	19	15	-	0	-	-	-	0	0	-	4.58	-	
	Morecambe ...	9 9	24	16.8	12.0	14.4	-1.4	21.1	19	8.3	-13, 14	-	-	7.34	187	1.73	23	20	18	0	0	0	0	0	0	0	-	4.51	81	
	Preston (Moor Pk.) ...	9 9	108	16.9	11.0	13.9	-	20.0	19, 20	6.1	13	-	-	6.73	162	1.33	23	22	19	0	0	0	0	0	0	0	2	-	-	-
	Bolton ...	9 9	352	16.7	9.9	13.3	-2.0	19.4	20	5.6	6, 7	13.7	-	7.03	-	1.35	26	22	19	0	0	0	0	1	0	2	0	4.13	-	
	Darwen ...	9 9	724	15.6	9.6	12.6	-2.2	18.3	19, 20	6.1	8, 14	13.8	12.8	7.98	146	1.71	23	23	19	0	0	0	0	0	0	0	-	-	-	-
	Stonyhurst ¶	9 9	377	16.2	10.3	13.3	-1.6	19.4	19, 20	6.7	8, 13, 14	-	-	7.85	159	1.76	26	21	18	-	0	-	-	-	1	0	0	-	4.05	82
	Manchester	Weather Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.17	-	
Helmshore	Manchester	9 9	854	15.3	9.7	12.5	-	18.3	19, 20	7.2	8, 13, 14	12.8	-	8.73	-	1.94	26	19	16	-	0	-	-	-	2	0	0	-	3.75	-
Manchester	(Smokeless Zone)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.75	-		
Cheshire	Burnley ...	9 9	655	15.7	9.8	12.7	-	19.4	19	5.0	13	13.6	12.3	5.73	-	1.36	26	21	17	0	0	0	0	0	0	0	0	-	-	-
	Nelson ...	9 9	540	15.9	10.4	13.1	-	20.0	19	6.1	13	13.9	12.4	5.48	125	1.20	23	18	16	-	0	-	-	-	0	0	0	-	3.43	- 3
	Rochdale ...	9 9	362	16.6	9.8	13.2	-	21.1	20	5.0	30	-	-	6.58	-	1.52	26	18	17	0	0	0	0	0	0	0	1	3.62	-	
	West Kirby Park ...	9 9	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Bidston Obs'y. ¶	9 9	198	16.7	11.9	14.3	-1.2	20.0	19	9.4	7	-	-	2.61	83	.57	23	16	12	-	-	-	-	-	0	0	0	-	5.20	95
	Northwich (Winnington) ¶	9 9	65	18.3	11.3	14.8	-	21.7	20	6.7	30	-	-	4.39	142	.84	23	15	12	0	0	0	1	0	0	0	2	-	-	-
Manchester	Knutsford ...	9 9	212	18.3	10.1	14.2	-	22.2	20	6.7	5, 6, 30	15.7	14.7	5.27	-	1.02	6	20	15	-	0	-	-	-	-	0	0	-	-	-
	Manchester Airport ¶	21-9	248	17.4	10.6	14.0	-1.8	20.8	20	7.5	5	-	-	5.41	170	.96	6	16	15	0	0	0	2	0	0	0	0	4.60	101	
	Macclesfield ...	9 9	500	17.2	10.2	13.7	-1.6	20.0	20	6.7	30	-	-	5.75	162	1.28	6	20	14	0	0	0	0	1	0	0	-	4	-	-
7b NORTH WALES																														
Flint	Rhyl ...	9 9	31	17.7	11.7	14.7	-1.1	21.1	19	7.8	8, 13, 30	-	-	1.77	72	.56	23	15	8	0	0	0	0	0	0	0	3	5.32	97	
	Prestatyn ...	9 9	12	17.4	11.9	14.7	-	21.1	19	8.9	5, 13, 30	-	-	1.98	73	.54	23	13	10	0	0	0	0	1	0	0	-	1	5.05	-
	Hawarden Bridge ...	9 9	17	18.5	10.8	14.7	-1.2	21.1	1, 20	5.0	30	-	-	2.62	98	.72	6	14	9	0	0	0	0	1	0	0	-	1	-	-
Anglesey	Holyhead (Valley) ...	21-9	26	16.7	11.6	14.1	-1.2	21.7	14	7.4	18	-	-	3.22	111	.60	3	17	14	0	0	0	0	0	0	0	2	5.23	93	
	Aiwen ...	9 9	1100	14.9	7.8	11.3	-	18.3	19	1.7	6	-	-	5.77	-	1.34	26	19	17	-	-	-	-	-	0	3	-	-	-	-
	Ruthin ...	9 9	248	17.6	9.7	13.7	-	20.6	22	5.6	6	-	-	2.40	-	.54	6	16	12	-	0	-	-	-	-	0	-	-	-	-
Denbigh	Loggerheads ...	9 9	690	16.3	9.4	12.9	-	18.9	20	4.4	6	13.7	13.0	3.18	-	.68	6	17	14	0	0	0	0	1	0	0	0	-	-	-
	Bwlchgwyn ...	9 9	1267	15.2	8.9	12.1	-	20.0	1	3.9	31	-	-	3.80	-	.89	6	17	13	0	0	0	0	0	0	0	6	-	-	-
	Wrexham ...	9 9	275	17.9	10.5	14.2	-	21.1	20	6.1	4	14.8	13.9	2.59	-	.68	14	12	9	0	0	0	1	0	0	1	0	-	-	-
	Caernarvon	21-9	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Botwnnog ...	9 9	112	17.1	11.2	14.1	-	19.4	1, 14, 31	8.3	5	15.8	14.5	3.91	-	.68	9	17	14	0	0	0	0	1	0	0	0	5.54	-	
	Bryn Adda ...	9 9	275	16.8	10.9	13.9	-	19.4	1, 14	8.3	5, 13, 18	-	-	5.24	-	1.45	23	21	17	0	0	0	1	0	0	0	0	4.42	-	
Caernarvon	Cwm Dyli ...	9 9	324	16.2	10.6	13.4	-	19.4	31	5.0	30	14.3	-	14.42	-	2.71	23	22	20	-	0	-	-	-	0	2	-	-	-	-
	Aber ...	9 9	60	17.3	11.3	14.3	-1.3	19.4	1, 20	7.8	13	-	-	4.54	125	1.45	23	18	15	0	0	0	0	0	0	0	0	4.15	84	
	Llandudno ¶	9 9	13	16.9	12.3	14.6	-1.3	20.0	25, 26	7.2	13	-	-	2.28	90	.76	23	15	10	0	0	0	0	0	0	0	2	5.17	96	
Merioneth	Llyn Stwlan ...	9 9	1656	12.6	8.0	10.7	-	16.7	11	7.2	6, 8	-	-	16.56	-	4.11	23	23	19	-	0	-	-	-	-	0	-	-	-	-
	Trawsfynydd ...	9 9	611	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Blaenau Ffestiniog ...	9 9	750	15.6	9.7	12.7	-	17.2	1, 19, 30	4.4	31	-	-	14.87	-	3.82	23	21	18	0	0	0	0	3	0	-	0	2.31	- 5	
Montgomery	Corwen ...	9 9	473	16.8	8.6	12.7	-	19.4	19	3.3	8, 18, 30	-	-	4.52	-	.84	23	20	19	-	0	-	-	-	-	0	2	-	-	-
	Ceinws ...	9 9	200	17.2																										



TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER AUGUST 1962

DISTRICT, COUNTY AND PLACE			Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)		WEATHER Number of days										BRIGHT SUNSHINE				
					Means of		Difference from Average	Highest Maximum and Lowest Minimum																							
					A Max.	B Min.		Mean Temperature of A and B	Maximum	Date	Minimum	Date	1 ft.	4 ft.	Total Fall	Percentage of Average	Most in a day	Precip'n		Snow or Sleet	How lying at 9h.	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. 0°C. or less	Gale	Daily Mean	Percentage of Average		
					Max. Min.	ft.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.			-0.1in.(0.2mm.) or more	-0.01in.(1.0mm.) or more		Hail							hr
8b ENGLAND, S.W.																															
Somerset	Hawridge (Liscombe)	9 9	1030	15.6	9.8	12.7	-	18.9	30	6.7	9	-	-	6.86	-	1.68	6	25	19	-	0	-	-	-	0	0	0	-	-	-	
	Cannington	9 9	95	18.7	11.9	15.3	-	22.2	31	6.7	9	15.8	-	4.29	151	1.82	6	17	12	-	-	-	-	0	0	0	-	5.54	-		
	Weston-s.-Mare	9 9	28	18.7	12.4	15.5	-	21.1	11,29	9.4	9	-	-	4.70	135	1.51	6	20	15	0	0	0	0	1	0	0	-	5.25	88		
	Long Ashton	9 9	162	18.3	11.3	14.8	-1.4	21.1	1,19,31	7.2	5	16.5	-	5.73	161	1.90	6	17	12	0	0	0	0	2	0	0	0	5.58	93		
	Bath (City)	9 9	388	18.1	11.1	14.6	-	22.2	31	7.2	31	-	-	5.29	-	2.98	6	15	10	0	0	0	0	1	0	0	0	-	-	-	
Dorset	Boys' School	9 9	67	19.2	11.6	15.4	-1.3	23.3	1	5.6	9	16.5	15.2	5.08	180	2.87	6	16	11	0	0	0	0	2	0	0	0	5.17	89		
	Portland Bill	21-9	35	17.4	13.6	15.5	-0.8	19.0	29,31	10.7	7	-	-	2.84	149	.87	6	13	8	0	0	0	0	1	0	0	-	6	-		
	Weymouth	9 9	16	19.0	12.7	15.9	-1.1	21.7	2	7.2	9	-	-	3.72	171	1.04	6	12	10	-	-	-	-	-	0	0	-	6.40	95		
	Shaftesbury	9 9	680	17.6	10.2	13.9	-1.7	21.1	30	6.7	8	-	-	4.53	162	1.62	6	16	12	-	-	-	-	1	0	0	-	-	-		
	Swanage	9 9	37	19.1	12.2	15.7	-	20.6	2,24	7.2	9	15.8	-	3.86	-	1.05	16	16	10	0	0	0	0	0	0	0	4	6.48	-		
Devon	Poole	9 9	18	20.1	11.1	15.6	-	22.2	1,22,31	5.0	9	-	-	3.38	-	.72	6	15	11	0	0	0	0	0	0	0	0	5.97	-		
	Clayton	9 9	412	16.1	12.9	14.5	-	19.7	19	10.2	6	-	-	3.56	-	.74	6	20	14	0	0	0	0	1	1	0	0	3	5.14	-	
	Hartland Pt.	21-9	298	17.3	12.0	14.7	-1.4	21.4	31	6.8	4	-	-	3.40	118	.56	16	18	13	0	0	0	0	1	0	0	0	1	5.32	86	
	Plymouth (Mt. Batten)	9 9	119	17.9	12.1	15.0	-1.4	22.2	31	7.8	4	16.1	15.2	3.39	118	.61	16	19	13	0	0	0	0	2	0	0	0	1	5.32	85	
	Plymouth (The Hoe)	21-9	20	18.2	12.5	15.3	-	23.3	31	8.2	31	-	-	2.36	-	.64	6	21	15	0	0	0	0	1	0	0	0	0	5.40	-	
Cornwall	Chivenor	9 9	25	17.6	13.5	15.5	-1.0	22.2	9	11.1	31	16.7	15.9	3.67	117	.61	3	17	14	0	0	0	0	0	0	0	0	0	5.16	86	
	Totnes	9 9	120	19.0	10.7	14.9	-	22.2	30,31	3.9	9	16.3	14.4	5.12	147	.98	3	19	14	0	0	0	0	1	0	0	1	1	5.37	-	
	Slapton	9 9	104	18.2	11.7	14.9	-	20.0	1,20,28	8.3	5	-	-	4.46	-	.95	16	15	13	0	0	0	0	1	1	0	0	-	-	-	
	Newton Abbot	9 9	272	18.8	11.1	14.9	-1.3	21.7	2	6.7	9	-	-	3.82	130	.78	16	17	12	0	0	0	0	1	0	0	0	0	5.65	94	
	Paignton	9 9	8	19.3	12.1	15.7	-	22.2	2	7.8	9	-	-	3.80	129	.74	14	16	13	0	0	0	0	1	0	0	-	6.06	93		
Somerset	Torquay	9 9	26	18.7	12.4	15.5	-1.2	21.1	2	8.3	4,9	16.4	-	3.69	140	.86	6	14	11	0	0	0	0	1	0	0	1	6.07	91		
	Teignmouth	9 9	20	18.8	12.8	15.8	-1.0	21.7	2	8.9	9	-	-	3.43	139	.92	6	15	9	0	0	0	0	1	1	0	0	0	5.44	83	
	Starcross	9 9	29	18.9	11.3	15.1	-	21.7	2	6.7	9	16.0	-	3.20	-	.94	6	15	11	0	0	0	0	1	1	0	0	0	5.88	-	
	Exeter (Southam)	9 9	160	18.8	11.8	15.3	-	21.1	30	8.3	5	-	-	(2.45)	-	(.80)	(6)	(17)	(11)	0	0	0	0	1	1	0	0	-	-	-	
	Exmouth	9 9	195	18.2	11.6	14.9	-1.2	20.6	2,28	8.9	7,30	-	-	3.61	136	1.02	6	14	9	0	0	1	0	1	1	0	-	1	5.11	82	
Cornwall	Exeter	21-9	106	19.0	11.0	15.0	-	22.1	31	5.3	9	-	-	2.74	101	.97	6	15	11	0	0	0	0	1	0	0	0	1	5.09	-	
	Sidmouth	9 9	25	18.3	11.6	14.9	-1.3	21.1	2	6.7	9	-	-	3.28	-	1.17	6	13	9	-	-	-	-	1	0	0	-	5.75	-		
	St. Mary's, Scilly	21-9	158	17.4	13.0	15.2	-1.0	20.0	2	10.0	6	-	-	3.34	133	.65	5	22	13	0	0	0	0	1	2	0	-	1	4.80	74	
	Penzance	9 9	62	17.9	12.0	14.9	-1.6	20.6	31	8.3	4	-	-	3.31	112	.73	16	22	19	0	0	0	0	1	0	0	0	4.72	74		
	Gulval	9 9	50	17.6	12.2	14.9	-1.3	20.0	23,31	8.3	4	-	-	3.31	118	.74	16	22	18	-	-	-	-	1	0	-	-	4.79	76		
Cornwall	Culdrose	9 9	288	16.7	11.7	14.2	-	18.9	31	8.9	8	-	-	2.92	-	.78	16	20	16	0	0	0	0	1	2	0	0	0	4.86	-	
	Camborne (Rosewarne)	9 9	250	17.5	11.9	14.7	-	20.6	31	9.4	4,18,31	15.9	15.2	3.16	115	.60	3	22	18	0	0	0	0	1	0	0	0	0	4.62	-	
	Lizard	9 9	240	16.9	12.2	14.5	-	18.5	3	9.0	7,8	-	-	2.72	115	.64	16	20	15	0	0	0	0	-	0	-	2	4.59	-		
	Falmouth	9 9	167	17.6	12.0	14.8	-1.7	19.4	1	9.4	18	-	-	3.00	99	.72	16	20	15	0	0	0	0	1	1	0	0	1	4.99	79	
	Newquay	9 9	176	17.3	12.3	14.8	-1.1	21.7	31	9.4	18,31	-	-	2.12	79	.37	16	19	13	0	0	1	0	-	0	-	1	5.02	82		
Cornwall	St. Mawgan	21-9	337	17.1	11.9	14.5	-	22.1	31	9.0	18	-	-	2.70	-	.48	6,16	22	16	0	2	0	0	0	0	1	0	0	5.22	-	
	St. Austell	9 9	310	18.1	11.2	14.7	-	20.0	18,31	8.3	18	-	-	2.93	81	.40	16	23	17	0	0	0	0	1	0	-	0	-	-	-	
	Fowey	9 9	51	18.4	12.1	15.3	-1.1	20.6	2	8.3	18	-	-	2.71	-	.44	6	18	16	0	0	0	0	0	0	0	0	0	-	-	-
	Bude	9 9	50	17.4	12.5	14.9	-0.9	22.2	31	8.3	9,31	15.1	-	2.30	82	.56	6	20	12	-	-	-	-	0	-	-	0	4.86	81		
	Ellbridge	9 9	190	18.2	10.7	14.5	-	22.8	31	6.1	5	-	-	4.06	-	.75	3	22	16	0	0	0	0	1	0	0	0	0	5.02	-	
NORTHERN IRELAND																															
Londonderry	Loughmore Forest	9 9	572	15.8	8.2	12.0	-	20.6	19	1.1	13	-	-	4.50	-	.76	10	25	21	0	0	0	0	0	1	0	1	0	-	-	
	Eglinton	9 9	38	16.9	10.2	13.5	-1.1	22.3	19	3.0	13	-	-	3.02	93	.59	10	25	20	0	0	0	0	0	0	0	0	1	5.77	129	
	Ballykelly	21-9	3	16.9	8.9	12.9	-	20.0	31	1.1	14	-	-	4.21	-	.93	10	23	18	0	0	0	0	0	0	0	4	1	-	-	
	Derrynoyd Forest	9 9	292	16.9	9.4	13.2	-	21.1	19,20,31	2.2	14	-	-	4.09	-	.77	10	24	22	0	0	0	0	0	0	0	2	0	-	-	-
	Somerset Forest	9 9	142	17.0	9.4	13.2	-	20.0	31	1.7	14	-	-	3.79	-	.61	10	24	19	0	0	0	0	0	0	0	2	0	-	-	-
Antrim	Garvagh Forest	9 9	292	16.7	9.0	12.9	-	20.0	31	1.7	14	-	-	3.79	-	.61	10	24	19	0	0	0	0	0	0	0	2	0	-	-	-
	Garvagh	9 9	121	17.1	9.3	13.2	-0.9	20.6	31	0.6	14	15.2	-	3.43	86	.62	10	22	17	0	0	0	0	1	0	0	4	1	-	-	-
	Portrush	9 9	18	16.9	12.2	14.5	-	18.5	3	9.0	7,8	-	-	4.93	-	.93	26	26	19	-	-	-	-	-	-	-	-	-	5.64	-	
	Aldergrove	21-9	217	17.0	9.7	13.3	-1.0	21.4	31	2.8	13	-	-	3.54	108	.55	10	22	18	0	0	0	0	0	0	0	2	0	4.90	113	
	Nutts Corner	21-9	338	16.9	9.9	13.4	-	21.1	31	4.0	13	-	-	4.84	132	.84	6	23	18	0	0	0	0	0	0	0	2	0	-	-	-
Down																															



TABLE IV—SUMMARY OF OBSERVATIONS AT FIXED HOURS AUGUST 1962

DISTRICT, COUNTY AND PLACE	Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (OKTAS)					VISIBILITY										WIND, NUMBER OF OBSERVATIONS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
			At Mean Sea Level	Difference from Average	Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	NO. OF OBSERVATIONS					NUMBER OF OBSERVATIONS					FORCE (0-12)					DIRECTION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
									Mean Amount	0	1	2	3	4	5	6	7	8	9	0-44 yd.	45-210 yd.	220-430 yd.	440-1,000 yd.	1,100-2,100 yd.	2,200-4,900 yd.	3-8 mi.	7-12 mi.	13-24 mi.	25 mi. or over	14 or more to 33	15 or more to 33	16 or more to 33	17 or more to 33	18 or more to 33	19 or more to 33	20 or more to 33	21 or more to 33	22 or more to 33	23 or more to 33	24 or more to 33	25 or more to 33	26 or more to 33	27 or more to 33	28 or more to 33	29 or more to 33	30 or more to 33	31 or more to 33	32 or more to 33	33 or more to 33	34 or more to 33	35 or more to 33	36 or more to 33	37 or more to 33	38 or more to 33	39 or more to 33	40 or more to 33	41 or more to 33	42 or more to 33	43 or more to 33	44 or more to 33	45 or more to 33	46 or more to 33	47 or more to 33	48 or more to 33	49 or more to 33	50 or more to 33	51 or more to 33	52 or more to 33	53 or more to 33	54 or more to 33	55 or more to 33	56 or more to 33	57 or more to 33	58 or more to 33	59 or more to 33	60 or more to 33	61 or more to 33	62 or more to 33	63 or more to 33	64 or more to 33	65 or more to 33	66 or more to 33	67 or more to 33	68 or more to 33	69 or more to 33	70 or more to 33	71 or more to 33	72 or more to 33	73 or more to 33	74 or more to 33	75 or more to 33	76 or more to 33	77 or more to 33	78 or more to 33	79 or more to 33	80 or more to 33	81 or more to 33	82 or more to 33	83 or more to 33	84 or more to 33	85 or more to 33	86 or more to 33	87 or more to 33	88 or more to 33	89 or more to 33	90 or more to 33	91 or more to 33	92 or more to 33	93 or more to 33	94 or more to 33	95 or more to 33	96 or more to 33	97 or more to 33	98 or more to 33	99 or more to 33	100 or more to 33	101 or more to 33	102 or more to 33	103 or more to 33	104 or more to 33	105 or more to 33	106 or more to 33	107 or more to 33	108 or more to 33	109 or more to 33	110 or more to 33	111 or more to 33	112 or more to 33	113 or more to 33	114 or more to 33	115 or more to 33	116 or more to 33	117 or more to 33	118 or more to 33	119 or more to 33	120 or more to 33	121 or more to 33	122 or more to 33	123 or more to 33	124 or more to 33	125 or more to 33	126 or more to 33	127 or more to 33	128 or more to 33	129 or more to 33	130 or more to 33	131 or more to 33	132 or more to 33	133 or more to 33	134 or more to 33	135 or more to 33	136 or more to 33	137 or more to 33	138 or more to 33	139 or more to 33	140 or more to 33	141 or more to 33	142 or more to 33	143 or more to 33	144 or more to 33	145 or more to 33	146 or more to 33	147 or more to 33	148 or more to 33	149 or more to 33	150 or more to 33	151 or more to 33	152 or more to 33	153 or more to 33	154 or more to 33	155 or more to 33	156 or more to 33	157 or more to 33	158 or more to 33	159 or more to 33	160 or more to 33	161 or more to 33	162 or more to 33	163 or more to 33	164 or more to 33	165 or more to 33	166 or more to 33	167 or more to 33	168 or more to 33	169 or more to 33	170 or more to 33	171 or more to 33	172 or more to 33	173 or more to 33	174 or more to 33	175 or more to 33	176 or more to 33	177 or more to 33	178 or more to 33	179 or more to 33	180 or more to 33	181 or more to 33	182 or more to 33	183 or more to 33	184 or more to 33	185 or more to 33	186 or more to 33	187 or more to 33	188 or more to 33	189 or more to 33	190 or more to 33	191 or more to 33	192 or more to 33	193 or more to 33	194 or more to 33	195 or more to 33	196 or more to 33	197 or more to 33	198 or more to 33	199 or more to 33	200 or more to 33	201 or more to 33	202 or more to 33	203 or more to 33	204 or more to 33	205 or more to 33	206 or more to 33	207 or more to 33	208 or more to 33	209 or more to 33	210 or more to 33	211 or more to 33	212 or more to 33	213 or more to 33	214 or more to 33	215 or more to 33	216 or more to 33	217 or more to 33	218 or more to 33	219 or more to 33	220 or more to 33	221 or more to 33	222 or more to 33	223 or more to 33	224 or more to 33	225 or more to 33	226 or more to 33	227 or more to 33	228 or more to 33	229 or more to 33	230 or more to 33	231 or more to 33	232 or more to 33	233 or more to 33	234 or more to 33	235 or more to 33	236 or more to 33	237 or more to 33	238 or more to 33	239 or more to 33	240 or more to 33	241 or more to 33	242 or more to 33	243 or more to 33	244 or more to 33	245 or more to 33	246 or more to 33	247 or more to 33	248 or more to 33	249 or more to 33	250 or more to 33	251 or more to 33	252 or more to 33	253 or more to 33	254 or more to 33	255 or more to 33	256 or more to 33	257 or more to 33	258 or more to 33	259 or more to 33	260 or more to 33	261 or more to 33	262 or more to 33	263 or more to 33	264 or more to 33	265 or more to 33	266 or more to 33	267 or more to 33	268 or more to 33	269 or more to 33	270 or more to 33	271 or more to 33	272 or more to 33	273 or more to 33	274 or more to 33	275 or more to 33	276 or more to 33	277 or more to 33	278 or more to 33	279 or more to 33	280 or more to 33	281 or more to 33	282 or more to 33	283 or more to 33	284 or more to 33	285 or more to 33	286 or more to 33	287 or more to 33	288 or more to 33	289 or more to 33	290 or more to 33	291 or more to 33	292 or more to 33	293 or more to 33	294 or more to 33	295 or more to 33	296 or more to 33	297 or more to 33	298 or more to 33	299 or more to 33	300 or more to 33	301 or more to 33	302 or more to 33	303 or more to 33	304 or more to 33	305 or more to 33	306 or more to 33	307 or more to 33	308 or more to 33	309 or more to 33	310 or more to 33	311 or more to 33	312 or more to 33	313 or more to 33	314 or more to 33	315 or more to 33	316 or more to 33	317 or more to 33	318 or more to 33	319 or more to 33	320 or more to 33	321 or more to 33	322 or more to 33	323 or more to 33	324 or more to 33	325 or more to 33	326 or more to 33	327 or more to 33	328 or more to 33	329 or more to 33	330 or more to 33	331 or more to 33	332 or more to 33	333 or more to 33	334 or more to 33	335 or more to 33	336 or more to 33	337 or more to 33	338 or more to 33	339 or more to 33	340 or more to 33	341 or more to 33	342 or more to 33	343 or more to 33	344 or more to 33	345 or more to 33	346 or more to 33	347 or more to 33	348 or more to 33	349 or more to 33	350 or more to 33	351 or more to 33	352 or more to 33	353 or more to 33	354 or more to 33	355 or more to 33	356 or more to 33	357 or more to 33	358 or more to 33	359 or more to 33	360 or more to 33	361 or more to 33	362 or more to 33	363 or more to 33	364 or more to 33	365 or more to 33	366 or more to 33	367 or more to 33	368 or more to 33	369 or more to 33	370 or more to 33	371 or more to 33	372 or more to 33	373 or more to 33	374 or more to 33	375 or more to 33	376 or more to 33	377 or more to 33	378 or more to 33	379 or more to 33	380 or more to 33	381 or more to 33	382 or more to 33	383 or more to 33	384 or more to 33	385 or more to 33	386 or more to 33	387 or more to 33	388 or more to 33	389 or more to 33	390 or more to 33	391 or more to 33	392 or more to 33	393 or more to 33	394 or more to 33	395 or more to 33	396 or more to 33	397 or more to 33	398 or 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TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS AUGUST 1962

DISTRICT, COUNTY AND PLACE		Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (OKTAS)					VISIBILITY										WIND, NUMBER OF OBSERVATIONS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS AUGUST 1962

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H See Notes on Tables in the Introduction.



TABLE XIII—SOLAR RADIATION AND INTENSITY OF DAYLIGHT,

AUGUST

1962

STATION	TOTAL RADIATION ON A HORIZONTAL SURFACE mw. hr./cm <sup>2</sup>						DIFFUSE RADIATION ON A HORIZONTAL SURFACE mw. hr./cm <sup>2</sup>						INTEGRATED ILLUMINATION OF A HORIZONTAL SURFACE kilo lux-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 ... ..	594	10	41	20	338.1	31	308	1	40	20	217.0	31	721	10	58	20	414.0	31
Eskdalemuir ... ..	639	14	90	15	332.9	31	314	1	86	15	212.2	31	676	14	104	15	355.1	31
Cambridge ... ..	652	5	112	7	384.8	31	333	3	109	7	229.9	31	-	-	-	-	-	-
Kingsway ... ..	634	4	96	6	391.1	31	333	12	96	6	233.2	31	686	4	122	6	442.9	31
Kew ... ..	648	5	101	6	394.9	31	312	12	87	6	223.8	31	681	4	116	6	457.3	31
Aberporth ... ..	768	5	71	23	414.8	31	337	18	71	23	221.0	31	-	-	-	-	-	-

TABLE VIII—NUMBER OF DAYS IN AUGUST 1962 WITH MAXIMUM AND MINIMUM TEMPERATURES between given limits.

STATION	MAXIMUM TEMPERATURE °C								STATION	MINIMUM TEMPERATURE °C							
	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° 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	0	0	30	1	0	0	0	Birmingham ... ..	0	0	0	1	26	2	0	0
Stornoway ... ..	0	0	0	18	13	0	0	0	Kew Observatory ... ..	0	0	0	0	17	14	0	0
Craibstone ... ..	0	0	0	11	20	0	0	0	Hastings ... ..	0	0	0	0	29	2	0	0
Rothsay ... ..	0	0	0	11	20	0	0	0	Southampton ... ..	0	0	0	0	14	17	0	0
Renfrew ... ..	0	0	0	3	27	1	0	0	Stonyhurst ... ..	0	0	0	10	21	0	0	0
Eskdalemuir ... ..	0	0	0	13	18	0	0	0	Bidston Observatory ... ..	0	0	0	5	26	0	0	0
Douglas ... ..	0	0	0	9	22	0	0	0	Holyhead (Valley) ... ..	0	0	0	2	28	1	0	0
Cockle Park ... ..	0	0	0	4	27	0	0	0	Falmouth ... ..	0	0	0	1	30	0	0	0
Gorleston ... ..	0	0	0	1	21	9	0	0	Aldergrove ... ..	0	0	0	2	29	0	0	0
Cambridge ... ..	0	0	0	1	15	15	0	0	Armagh ... ..	0	0	0	0	30	1	0	0

TABLE IV—ADDITIONS AND CORRECTIONS

MONTH	STATION	Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (OKTAS)				VISIBILITY										WIND, NUMBER OF OBSERVATIONS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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DUPLICATE



# Monthly Weather Report

## OF THE METEOROLOGICAL OFFICE

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

Volume 79 Number 9

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### September 1962 — *Cool, cloudy and rather wet.*

Weather during September was predominantly cyclonic in character apart from a week of anti-cyclonic weather on the 18th-24th and two short spells around the 1st and 13th.

The fine dry weather at the end of August continued over much of the country on September 1st, but fronts associated with a deep depression south of Iceland brought rain to all except south-eastern districts on the 2nd and 3rd; many places in eastern Scotland had more than 1 in. on the 3rd. Thundery showers and locally heavy thunderstorms interrupted sunny periods on the 4th as a depression from the Atlantic moved east across southern Scotland. The next day was generally fine and sunny, but rain spread to western districts during the night and to the remainder of the country on the 6th as a depression from the Atlantic moved eastwards across central England; there were scattered thunderstorms in the south-east late in the day in the rear of the depression.

An anticyclone to the west of Ireland brought a veer of winds to the north-west and two mainly dry sunny days on the 7th and 8th, although showers were rather frequent in Scotland and Northern Ireland on the 7th.

The 9th to 11th was a wet period. On the 9th a complex low pressure system lay to the west and north of the British Isles and a depression from the Atlantic brought rain and gales as it moved north-east across Scotland. Many places in Scotland recorded more than 2 in. of rain, but southern England remained generally sunny and dry. However, a wave on the cold front of this depression brought some heavy rain to southern England on the 10th and rain became general and heavy in many places on the 11th as an intense depression moved from the Atlantic to the Irish Sea; the rain continued in most districts throughout the night and for much of the following morning. Several places in Wales recorded 3 in. in 24 hr. Northerly winds behind the depression spread from Scotland over most of the British Isles during the morning of the 12th, the afternoon being rather showery but with some sunny periods.

The 13th was a dry sunny day with an anticyclone over the country, but the improvement was short-lived, for, although the fine weather was maintained in the south-east, most other districts were cloudy on the 14th, with outbreaks of rain, as a depression moved from the west of Ireland to the Faeroes; an associated trough brought a belt of rain slowly eastward across the country on the 15th.

Two cool sunny days, with scattered showers in a north-westerly airstream, preceded a mainly dry, but rather dull, quiet spell, which commenced on the 18th as an anticyclone drifted from the west of Scotland over the British Isles. Apart from some slight showers on the 18th, there was little rain for nearly a week in England and Wales, but as the anticyclone drifted slowly southward on the 22nd, rain, associated with a depression south-west of Iceland, spread to Scotland and Northern Ireland.

The anticyclone moved eastward to the Continent on the 24th and the dry spell ended for most areas on the 25th or 26th as a disturbance on an eastward-moving trough moved north from the Irish Sea to Scotland. Weather during the remainder of the month was generally unsettled. Fronts, associated with a complex depression near Iceland, brought rain to most districts on the 27th and 28th.

After a mainly fine morning on the 29th, a rapidly deepening depression to the west of Ireland moved northward bringing southerly gales and rain to western districts during the afternoon. The stormy weather, with heavy rain at times, spread to all districts during the night; many central and western districts had more than an inch of rain and Llwynon, Brecknockshire, had as much as 3 in. In the east the rain persisted well into the morning, but in the west the month ended with a generally sunny day with scattered showers.

**Pressure and Wind** — Mean pressure was below the average everywhere, the deficit at 9 hr ranging from 1.2 mb at Stornoway to 2.7 mb at Holyhead. Surface winds were rather variable until the 6th (although mainly south to south-west on the 1st-4th), on the 12th-14th, and 21st-22nd and 26th. Otherwise they were north to north-west on the 7th-8th, 15th-20th and mainly south-westerly on the 9th-11th and from 23rd until the end of the month. Wind reached gale force on 14 days in Scotland and on the 2nd, 4th-9th, 11th, 12th, 18th and 27th-30th (14 days) in England and Wales. Gales were widespread on the 29th and 30th; a gust of 72 kt was recorded at the Lizard on the 29th and one of 77 kt at Stornoway on the 30th.

**Temperature** — Mean temperature was below the 1921-50 average for the seventh successive month, the deficit being 1.0°C in England and Wales, 0.7°C in Scotland and 0.8°C in Northern Ireland. The lowest day temperatures occurred generally from 17th to 23rd and air frost was fairly extensive in southern England on the 22nd.

Extremes included: (England and Wales) 27.8°C at Writtle on the 3rd, -1.7°C at Santon Downham on the 18th; (Scotland) 24.4°C at Fyvie Castle on the 1st, -1.7°C at Glenshee Lodge on the 13th; (Northern Ireland) 20.6°C at Ballykelly and at Somerset Forest on the 2nd, 0.6°C at Knockmany Forest on the 29th.

**Precipitation** — The general rainfall expressed as a percentage of the 1916-50 average was 136 in England and Wales, 130 in Scotland and 182 in Northern Ireland. Rainfall was above average everywhere except in the extreme south-west and south-east parts of England, the Wirral, the Lancashire Plain, along the coastal strip of the Moray Firth and locally in South Wales and north of the Great Glen. More than twice the average was recorded locally in west Sussex and in parts of Oxfordshire, Northumberland, southern Scotland and Angus.

Thunder was heard locally in Scotland on 8 days and in England and Wales on the 2nd, 4th, 6th, 10th, 14th-17th, 19th, 25th, 27th and 30th (13 days). Thunderstorms were widespread on the 3rd and 4th.

Sleet was reported in Scotland on the 16th.

**Sunshine** — The general sunshine expressed as a percentage of the 1921-50 average was 88 in England and Wales, 69 in Scotland and 65 in Northern Ireland. Sunshine was above average at a few places in southern England, the highest percentage being 116 at Bournemouth. It was the dullest September at Edinburgh since 1896.

**Fog** — Early morning fog was fairly frequent, it was reported from one place or another on 16 days in Scotland and on 19 days in England and Wales; it was fairly widespread on the 9th, 25th and 26th.

**Miscellaneous Phenomena** — The aurora was visible in Scotland on 13 nights.

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TABLE I—DISTRICT VALUES— SEPTEMBER 1962 (1908, revised 1928, 1941 and 1956)

DISTRICTS	AIR TEMPERATURE					EARTH TEMPERATURE		RAINFALL		SUNSHINE
	Highest	Lowest	Difference from Average			At 1 ft. Difference from Average	At 4 ft. Difference from Average	Per-centage of Average	No. of Days Difference from Average	Per-centage of Average
			Max.	Min.	Mean					
0 SCOTLAND, N.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	%		%
Eastern	21.7	-1.1	-1.0	-0.6	-0.8	—	—	91	+1	74
1 SCOTLAND, E.	24.4	-1.7	-1.5	+0.1	-0.7	—	—	139	+5	57
2 ENGLAND, N.E.	23.9	-0.6	-1.3	-0.5	-0.9	-0.9	-1.0	146	+6	72
3 ENGLAND, E.	27.8	-1.7	-1.4	-0.9	-1.2	-1.2	-0.8	131	+2	94
4 MIDLAND COUNTIES	25.0	0.0	-1.5	-0.5	-1.0	-0.9	-0.6	163	+4	90

DISTRICTS	AIR TEMPERATURE					EARTH TEMPERATURE		RAINFALL		SUNSHINE
	Highest	Lowest	Difference from Average			At 1 ft. Difference from Average	At 4 ft. Difference from Average	Per-centage of Average	No. of Days Difference from Average	Per-centage of Average
			Max.	Min.	Mean					
5 ENGLAND, S.E.	26.1	-1.1	-1.2	-0.8	-1.0	-0.8	-0.8	132	+2	104
Western										
6 SCOTLAND, W.	22.2	-0.6	-1.1	-0.4	-0.7	-0.5	-0.8	159	+4	75
7 ENGLAND, N.W. (and N. Wales)	21.7	-0.6	-1.2	-0.2	-0.8	-1.3	-0.4	115	+3	76
8 ENGLAND, S.W. (and S. Wales)	22.8	-1.1	-1.3	-0.9	-1.1	-0.5	-0.4	135	+2	92
NORTHERN IRELAND	20.6	0.6	-1.3	-0.3	-0.8	-	-	182	+3	65

TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— SEPTEMBER 1962 (1914)

DISTRICT, COUNTY AND PLACE		Height of Vane			Distribution of Mean Hourly Values of Wind Speed										Mean Hourly Wind Speed	Highest Velocities					
		Above Mean Sea Level	Above Ground	Effective Height	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					
					Dates of Occurrence	Duration	No. of days	Duration	Duration	Duration	Duration	Duration	Duration	Duration		Duration	Duration	Duration	Duration	Duration	
		ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	hr.	knots	°	knots	day hr.	knots	day	h.m.		
SCOTLAND																					
0	Zetland	Lerwick	304	33	33	30	1	8	49	365	280	25	0	12.0	150	34	30	09	54	30	0800
	Orkney	Kirkwall (Grimsetter)	134	50	33	30	5	7	59	332	296	28	0	12.0	130	41	30	06	58	30	0725
	Calthness	Dounreay	110	39	30	30	6	6	47	272	346	29	20	11.2	160	46	30	07	66	30	0635
	Ross & Cromarty	Stornoway (Coastguard)	120	40	36	23, 27, 30	19	19	156	395	94	56	0	16.3	180	48	30	16	77	30	1510
	Inverness	Duirinish	125	65	55	-	0	5	36	218	337	129	0	9.1	170	33	30	15	64	30	1510
		Benbecula	69	51	35	29, 30	4	10	71	343	241	61	0	12.3	130	34	29	23	55	29	2155
1	Moray	Lossiemouth	101	80	60	-	0	5	28	182	386	124	0	8.5	130	33	30	05	60	30	0450
	Aberdeen	Dyce	225	40	40	-	0	2	8	161	328	223	0	6.9	150	28	30	06	48	30	0540
	Angus	Bell Rock Lighthouse	128	131	124	-	1	4	23	230	323	115	28	8.8	120	34	30	03	58	30	0300
	Perth	Rannoch	1006	56	57	30	4	3	11	190	431	84	0	8.6	130	39	30	03	57	30	0215
	Fife	Leuchars	78	40	40	30	4	3	23	231	334	112	20	9.0	180	33	30	17	53	9	1320
6a	Argyll	Tiree	89	60	47	29, 30	23	16	143	343	123	88	0	15.1	120	43	29	22	63	29	2215
	Bute	Millport	50	34	34	11	4	7	37	137	237	305	0	7.2	040	35	11	23	48	11	2120
	Renfrew	Paisley	188	81	31	-	0	2	9	98	362	251	0	6.1	180	26	30	12	48	30	1335
		Renfrew	71	41	39	-	0	3	23	157	376	164	0	7.6	220	31	9	13	50	30	1735
	Ayr	Prestwick Airport	68	33	33	-	0	4	18	192	356	154	0	8.0	130	30	30	02	54	30	0145
	Dumfries	Eskdalemuir	825	50	35	-	0	3	27	127	317	249	0	6.7	180	30	9	14	50	9	1505
	Wigtown	West Freugh	83	33	33	29, 30	7	6	35	207	314	157	0	8.8	140	38	29	24	61	29	2140
ENGLAND AND WALES																					
6b	Isle of Man	Point of Ayre	70	40	35	29, 30	7	10	50	331	303	29	0	12.3	140	38	29	21	56	30	0120
		Ronaldsway	119	64	39	9, 29, 30	21	10	58	382	243	16	0	13.6	130	43	29	22	58	29	2215
2	Durham	Durham	389	53	33	-	0	2	8	140	351	221	0	6.8	170	28	30	04	53	30	0350
		South Shields	73	57	44	-	0	4	21	222	428	49	0	9.3	010	27	12	06	41	30	0100
	Lincoln	Cranwell	288	47	47	-	0	2	8	226	414	72	0	8.8	150	28	30	04	43	30	0350
3	Norfolk	Gorleston	45	33	33	30	4	4	25	386	305	0	0	12.4	180	34	30	05	52	30	0500
	Suffolk	Mildenhall	98	83	60	-	0	3	4	150	446	120	0	7.4	280	24	6	14	48	30	0455
	Bedford	Cardington	226	133	133	-	0	5	29	345	303	43	0	11.1	220	28	12	08	45	30	0315
	Hertford	Rothamsted	461	41	33	-	0	0	0	36	477	188	19	5.3	260	14	12	10	36	12	0750
		Stanstead Abbots	138	41	40	-	0	0	0	119	414	183	3	6.1	-	20	30	10	36	30	0215
	Essex	Croyton	66	57	48	-	0	1	1	214	461	44	0	9.0	170	22	30	05	46	6	1335
		Shoeburyness	118	106	91	30	9	9	50	420	221	20	0	13.1	170	40	30	07	52	30	0800
4	Yorks., W.R.	Sheffield	533	83	35	-	0	0	0	31	498	191	0	5.5	160	17	30	03	45	30	0250
	Warwick	Birmingham (Edgbaston)	643	118	73	-	0	2	3	117	559	41	0	7.4	180	23	30	03	44	30	0220
	Stafford	Keele	706	50	40	-	0	0	0	75	464	181	0	6.1	180	21	30	04	49	30	0200
	Gloucester	Avonmouth	92	61	33	29, 30	5	10	43	264	263	145	0	10.1	160	43	30	01	59	30	0650
5	London	Kingsway	208	143	41	-	0	1	5	151	495	69	0	8.2	160	23	30	05	43	30	0420
	Middlesex	London (Heathrow) Airport	115	33	33	-	0	3	14	209	455	42	0	9.0	170	26	30	04	39	12	0930
		Hampton	139	101	100	-	0	3	6	169	311	234	0	6.8	190	22	30	08	42	30	0805
	Surrey	Kew Observatory	92	75	50	-	0	0	0	90	399	231	0	6.0	190	19	30	02	41	30	0750
		London (Gatwick) Airport	232	38	33	-	0	4	21	143	309	247	0	7.0	180	28	30	08	49	12	0640
	Kent	Isle of Grain	48	40	33	-	0	2	4	140	264	304	8	5.8	250	24	12	02	43	12	0305
		Dungeness	70	50	33	-	0	8	55	220	305	124	16	10.1	160	32	30	06	48	12	0655
		Dover	68	38	62	-	0	4	27	235	375	83	0	9.7	230	28	12	06	51	12	0525
	Sussex	Thorney Island	75	65	42	-	0	3	12	174	347	187	0	7.5	170	29	30	02	47	30	0140
	Hampshire	Calshot	50	41	33	30	2	6	26	399	262	31	0	12.1	190	35	30	03	48	30	0235
		S. Farnborough	318	69	35	-	0	0	0	69	334	317	0	5.0	230	19	6	12	41	30	0725
	Berkshire	Abingdon	295	40	40	-	0	3	8	190	315	207	0	7.2	160	26	30	02	39	30	0230
	Wiltshire	Larkhill	491	51	36	-	0	2	6	150	442	122	0	7.7	180	26	30	02	51	30	0345
		Porton	406	44	44	-	0	3	13	161	307	239	0	7.1	180	31	30	02	49	30	0050
7a	Cumberland	Carlisle	137	42	30	-	0	2	9	92	465	154	0	6.6	130	23	30	02	41	9	1255
		Sellafield	83	39	35	-	0	5	30	256	386	48	0	10.2	150	32	30	03	50	30	0220
		Spadeadam	959	51	40	30	1	5	22	181	344	172	0	8.1	150	34	30	04	55	30	0335
	Westmorland	Moor House	1960	50	45	9, 30	10	14	69	380	225	36	0	13.2	230	39	9	15	61	9	1525
	Lancashire	Southport	59	41	33	-	0	6	28	269	322	74	27	10.2	300	29	8	01	47	30	0250
		Liverpool Airport	84	41	33	-	0	4	15	336	328	41	0	10.5	150	32	30	01	50	30	0110
	Cheshire	Bidston Observatory	262	64	39	-	0	4	14	227	401	78	0	-	120	25	30	01	51	30	0125
		Manchester Airport	261	33	33	-	0	3	10	188	396	126	0	8.1	160	32	30	03	54	30	0245
7b	Anglesey	Holyhead (Valley)	76	50	40	29, 30	4	8	64	310	184	158	0	10.9	150	37	30	01	61	30	0055
8a	Cardigan	Aberporth	483	41	41	29, 30	2	12	87	386	215	30	0	13.6	170	(37)	30	01	(66)	29	2250
	Pembroke	Millford Haven	246	50	35	-	0	5	28	237	279	112	14	9.8	170	33	29	24	63	29	2350
	Glamorgan	Port Talbot	91	40	35	-	0	6	29	345	267	79	0	11.1	240	31	12	03	51	12	0240
		Rhoose	257	37	32	-	0	5	30	218	415	57	0	9.5	250	31	12	04	52	12	0325
8b	Devon	Plymouth	191	88	65	27, 29, 30	12	6	38	237	287	146	0	9.8	-	48	29	24	67	29	2340
	Cornwall	St. Mary's, Scilly	230	65	57	11, 12, 29	13	8	66	373	208	60	0	13.0	190	42	29	23	63	29	2245
		The Lizard	315	75	60	12, 27, 29, 30	18	8	60	306	226	68	42	12.3	180	49	29	24	72	29	2330
NORTHERN IRELAND																					
	Londonderry	Ballykelly	52	50	35	29	2	4	17	134	316	251	0	6.6	130	36	29	20	57	29	1925
	Antrim	Aldergrove	281	65	55	-	0	6	26	251	325	118	0	9.3	130	32	29	20	54	29	1915
		Nutts Corner	344	31	31	-	-	-	-	-	-	-	-	-	140	36	29	20	56	29	1945
CHANNEL ISLES																					
		Jersey Airport	359	86	50	30	1	10	74	418	210	17	0	13.4	160	34	30	01	49	30	0050

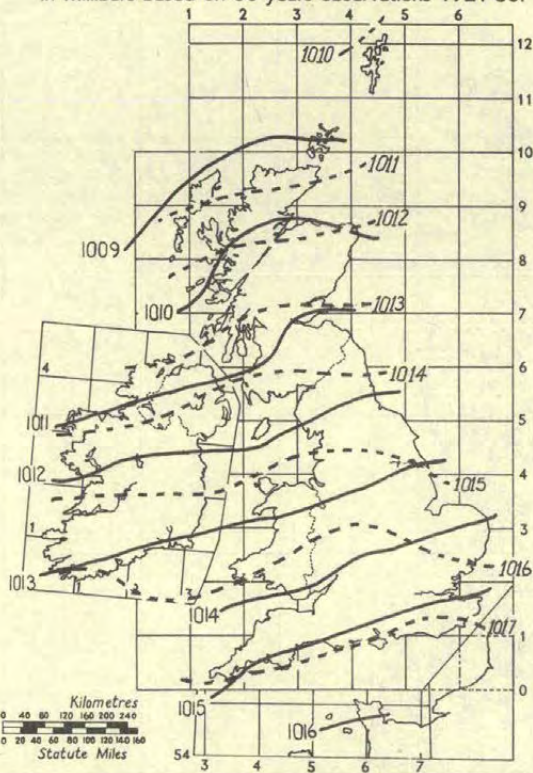


# MONTHLY WEATHER CHARTS

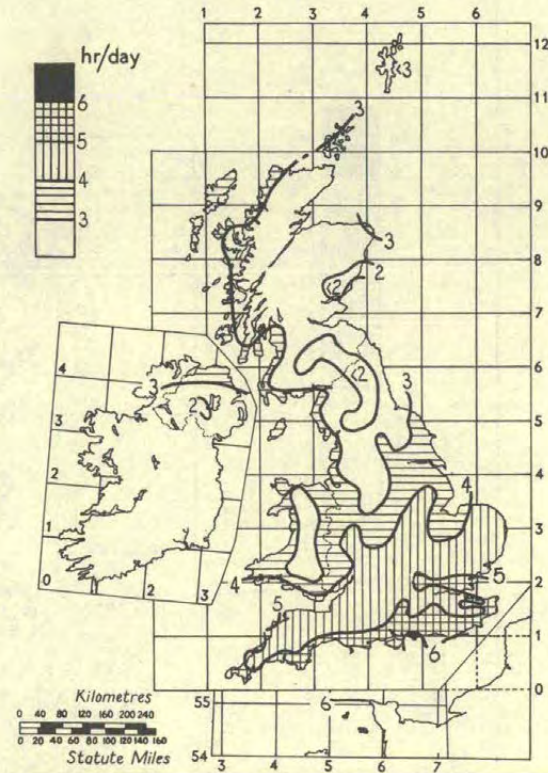
# SEPTEMBER 1962

## 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.

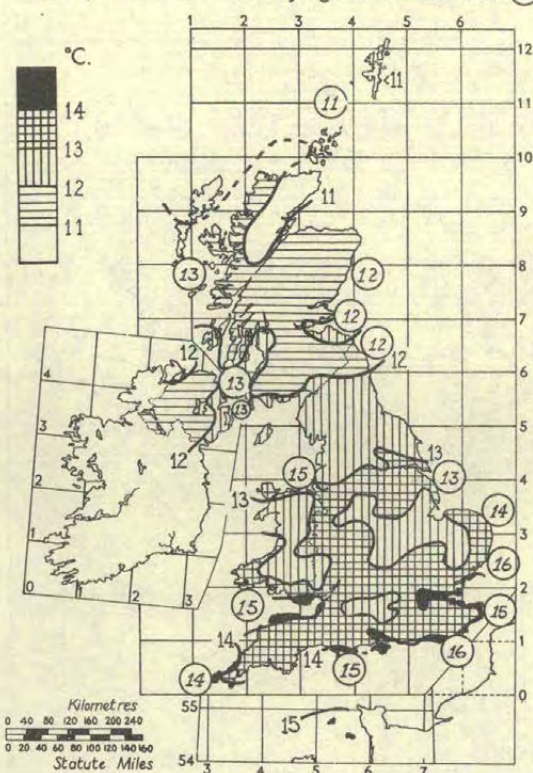


## BRIGHT SUNSHINE

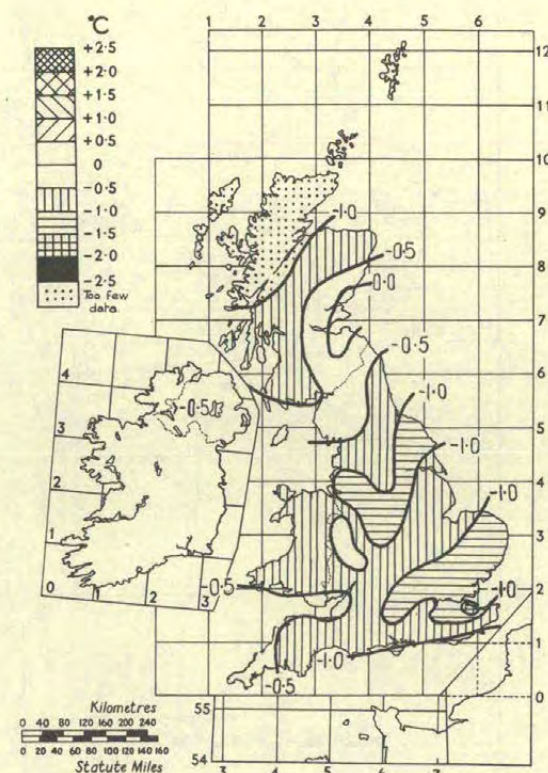


## MEAN AIR TEMPERATURE

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

SEPTEMBER 1962

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

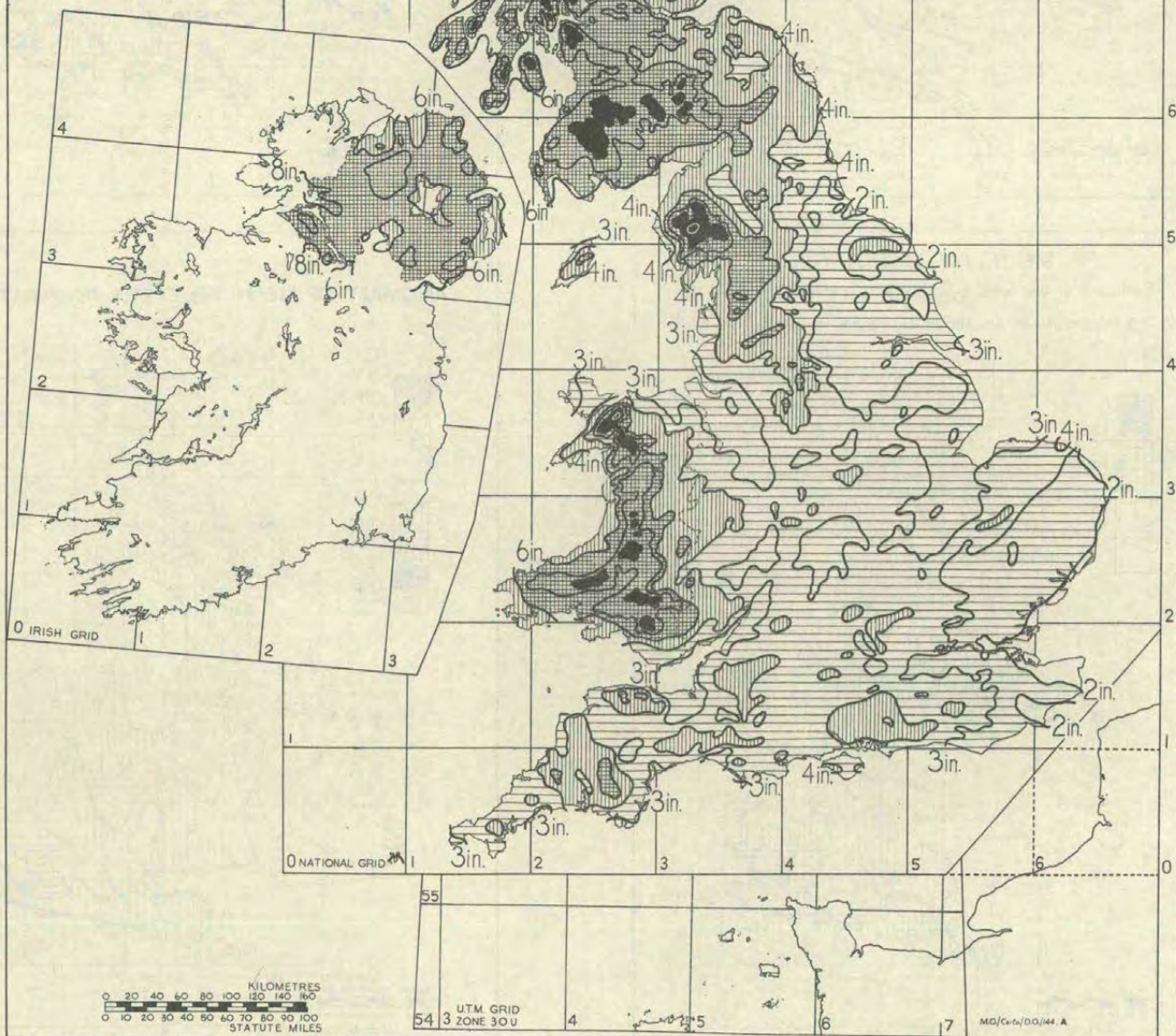
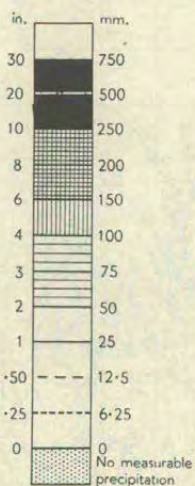




TABLE III—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER SEPTEMBER 1962

DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)		WEATHER Number of days										BRIGHT SUNSHINE						
			Means of				Highest Maximum and Lowest Minimum						Total Fall	Percentage of Average	Most in a day		Precip'n								Daily Mean	Percentage of Average					
			A Max.	B Min.	Mean Temperature of A and B	Difference from Average	Maximum	Date	Minimum	Date	1 ft.	4 ft.			in.	%	in.	Date													
																			-0.01 in. (0.2mm.) or more	-0.01 in. (0.2mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. O.C. or less	Gale		
G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.											hr	%					
0 SCOTLAND, N.																															
Zetland	Hamnavoe	...	9 9	70	12.2	9.2	10.7	-	14.4	2	6.7	12	-	4.45	-	.56	4	25	18	0	0	0	0	0	0	0	2	2.76	-		
	Lerwick Obs'y.	§	21-9	289	11.6	8.3	9.9	-0.4	14.9	1	4.9	12	-	5.17	138	.85	4	23	18	0	0	0	0	0	0	0	1	2.60	74		
	Baltasound	...	9 9	78	12.1	8.0	10.1	-	14.4	2	5.0	19, 20	9.7	4.69	116	.62	28	26	23	0	0	0	0	0	0	0	3	2.23	-		
Orkney	Sule Skerry	...	9 9	43	12.3	9.5	10.9	-	15.5	1	7.0	7, 17	-	2.63	-	.55	22	23	13	0	0	0	0	0	0	0	0	-	-		
	Stenness	...	9 9	75	13.3	8.5	10.9	-	18.9	1	5.6	11, 12	10.9	2.75	-	.46	29	26	17	0	0	0	0	0	0	0	2	2.57	-		
	Costa	...	9 9	115	12.8	8.4	10.6	-	18.3	1	5.0	11	-	3.40	-	.49	29	26	20	0	0	0	0	0	0	0	5	3.11	-		
	Kirkwall (Grimsetter)	§	21-9	84	12.7	8.0	10.3	-	18.5	1	4.2	7	-	2.58	69	.40	29	24	17	0	0	0	0	0	0	0	1	2.86	-		
Caithness	Dounreay	...	9 9	70	13.2	7.6	10.4	-	19.4	1	2.2	11	-	2.24	-	.45	29	21	15	0	0	0	0	0	0	0	1	-	-		
	Wick	§	21-9	119	12.6	7.5	10.1	-1.1	18.5	1	2.2	13	-	2.20	76	.37	28	23	12	0	0	0	0	0	0	2	2	1	2.67	68	
Sutherland	Cape Wrath	...	21-9	367	12.3	8.9	10.6	-	18.5	1	6.0	17	-	2.93	64	.59	22	22	17	0	0	0	0	0	0	0	0	2	-	-	
	Laig (Achan)	...	9 9	280	14.1	6.2	10.1	-	20.6	1	1.7	6, 13	11.6	11.1	2.09	57	.49	29	25	12	0	0	0	0	0	0	0	13	0	-	
	Strathay	...	9 9	120	13.6	7.2	10.4	-	20.6	2	1.7	11	-	2.47	61	.44	29	25	20	0	0	0	0	0	0	0	0	0	2.45	-	
Ross & Cromarty	Stornoway	§	21-9	11	13.5	7.5	10.5	-0.9	17.0	1	1.3	11	-	2.78	74	.61	29	21	13	0	0	0	0	0	0	0	3	3.18	89		
	Balmacara	...	9 9	2	15.1	8.1	11.6	-	19.4	1, 3	3.3	8	-	3.77	-	.64	29	22	18	0	0	0	0	0	0	0	0	-	-		
	Poolewe	...	9 9	20	14.4	8.5	11.5	-	20.6	2	4.4	13, 19	-	3.19	-	.60	22	22	18	0	0	0	0	0	0	0	2	3.35	-		
	Achnashellach	...	9 9	220	14.1	6.9	10.5	-0.8	20.0	1	0.6	13	-	4.85	68	.68	29, 30	22	21	0	0	0	0	0	0	0	0	1	-	-	
	Kinlochewe	...	9 9	76	15.1	7.7	11.4	-	19.4	1, 2, 4	2.8	13	12.2	4.56	-	.79	6	23	19	0	0	0	0	0	0	0	5	1	1.61	- S	
	Garve (Blackbridge)	...	9 9	690	-	-	-	-	-	-	-	-	-	2.89	-	.54	29	20	16	-	-	-	-	-	-	-	-	-	-		
	Fortrose	§	9 9	15	13.9	9.3	11.6	-0.6	20.0	1	6.1	7	-	1.39	63	.26	9	19	11	0	0	0	0	0	0	0	1	2.16	57		
	Tarbatness	...	21-9	60	13.4	8.9	11.1	-	20.5	1	4.0	13	-	1.21	-	.24	9	16	10	0	0	0	0	0	0	0	0	0	-	-	
Inverness	Benbecula	...	21-9	19	13.5	8.8	11.1	-	17.2	3	3.5	11	-	3.91	93	.91	29	22	18	0	0	0	0	0	0	0	3	3.59	-		
	Isle of Rhum	...	9 9	15	14.3	8.8	11.5	-	19.4	3	2.8	13	13.3	8.38	-	1.22	14	23	20	0	0	0	0	0	0	0	5	1	-	-	
	Prabost	...	9 9	220	13.6	7.9	10.7	-	18.9	1	3.9	13	-	4.78	-	1.03	29	24	19	0	0	0	0	0	0	0	3	2	2.82	-	
	Duntulm	...	9 9	294	13.3	8.6	10.9	-	16.7	1, 3	5.6	17	-	3.52	70	.62	29	21	18	0	0	0	0	0	0	0	2	3.20	- S		
	Onich	§	9 9	48	14.2	8.0	11.1	-0.8	18.3	3	1.7	13	-	7.44	103	1.31	30	21	21	0	0	0	0	0	0	0	7	2.27	81 S		
	Fort William	...	9 9	27	14.4	7.8	11.1	-	18.3	2, 3, 25	0.6	13	12.1	12.4	5.42	-	1.24	29	22	16	0	0	0	0	0	0	0	3	0	1.94	- S
	(Camaghael)	...	9 9	70	14.1	7.7	10.9	-0.7	20.0	2	1.7	13	-	3.56	-	.82	30	22	16	0	0	0	0	0	0	0	0	2	2.34	-	
	Fort Augustus	...	9 9	350	13.8	5.6	9.7	-	19.4	2	-1.1	13	-	2.94	71	.90	30	23	15	0	0	0	0	0	0	0	1	0	-	-	
	Cannich	...	18-9	1176	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Dalwhinnie	...	9 9	13	14.5	8.7	11.6	-	21.7	1	5.6	13	-	1.55	-	.39	9	13	10	0	0	0	0	0	0	0	0	0	2.22	-	
	Inverness	...	9 9	1000	12.3	6.0	9.1	-	19.4	1	0.0	13	-	6.13	-	(1.46)	29	22	19	-	-	-	-	-	-	-	-	-	-		
	Achnagoichan	...	9 9	1000	12.3	6.0	9.1	-	19.4	1	0.0	13	-	6.13	-	(1.46)	29	22	19	-	-	-	-	-	-	-	-	-	-		
	Glenmore Lodge	...	9 9	1120	12.3	5.7	9.0	-	18.9	1, 2	-0.5	13	-	5.55	-	1.00	29	23	17	-	0	-	-	-	-	-	1	5	-	-	
1 SCOTLAND, E.																															
Nairn	Nairn	§	9 9	20	14.3	7.7	11.0	-1.0	21.1	1	3.9	13	-	1.52	66	.29	9	22	11	0	0	0	0	0	0	0	2	1	2.46	64	
Moray	Grantown-on-Spey	...	9 9	720	13.8	5.6	9.7	-	20.6	2	0.0	13, 15	-	3.75	-	.70	9	23	18	-	0	-	-	-	0	2	3	-	-		
	Forres	...	9 9	155	13.9	7.7	10.8	-	21.7	1	3.9	13	11.8	11.6	2.05	86	.43	9	21	13	0	0	0	0	0	0	0	0	0	2.34	-
	Kinloss	...	21-9	15	14.2	8.0	11.1	-	21.4	1	3.8	13	11.6	1.91	-	.36	9	21	13	0	0	0	0	0	0	0	0	1	2.29	-	
	Elgin	...	9 9	92	14.3	8.3	11.3	-	22.8	1	5.0	6	-	2.64	-	.43	3	23	18	0	0	0	0	0	0	0	0	0	0	2.77	-
	Lossiemouth	...	9 9	21	13.9	8.2	11.1	-	20.0	1	3.9	6	-	1.92	-	.31	9	18	14	0	0	0	0	0	0	0	0	0	1	-	-
	Gordon Castle	...	9 9	104	14.0	7.9	10.9	-1.2	23.9	1	3.3	6	-	2.84	93	.53	3	24	17	0	0	0	0	0	0	0	0	0	0	2.30	60
Banff	Banff (Coastguard)	...	9 9	80	13.3	8.4	10.9	-	20.6	1	5.0	16	-	3.26	-	.52	9	26	17	0	0	0	0	0	0	0	0	0	1	2.27	-
Aberdeen	Braemar	...	9 9	1113	12.3	6.2	9.3	-0.6	18.9	2	-1.1	13	-	5.30	178	(1.68)	29	18	15	-	0	-	-	-	0	2	-	-	-	-	
	Balmoral	...	9 9	827	12.7	6.1	9.4	-0.8	19.4	2	-1.1	13	-	4.86	172	1.29	29	21	14	0	0	0	0	0	0	0	2	4	2	-	
	Logie Coldstone	...	9 9	608	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Huntly	...	9 9	405	13.6	7.8	10.7	-	22.1	1	4.0	13	-	3.79	-	.64	29	24	20	0	0	0	0	0	0	0	0	0	1	-	-
	Fyvie Castle	...	9 9	218	14.3	7.9	11.1	-	24.4	1	2.8	6	-	4.08	-	.85	29	21	20	-	0	-	-	-	0	0	1	2.33	-		
	Craibstone	§	9 9	300	13.3	8.0	10.7	-0.7	19.4	2	3.9	7	11.5	11.1	4.54	149	1.01	3	25	17	0	0	0	0	0	0	0	0	1	2.40	56
	Dyce	...	21-9	190	13.8	8.2	11.																								



TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER SEPTEMBER 1962

DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)			WEATHER Number of days											BRIGHT SUNSHINE			
			Means of		Difference from Average	Highest Maximum and Lowest Minimum				TEMPERATURE		Total Fall	Per-centage of Average	Most in a day	Precip'n		Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. O.C. or less	Gale	Daily Mean	Per-centage of Average			
			A	B		Maximum	Date	Minimum	Date	1 ft.	4 ft.				or more	or more														
			Max.	Min.		Mean Temperature of A and B	Maximum	Date	Minimum	Date	1 ft.				4 ft.	Amount												Date		
G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.												hr	%					
1 SCOTLAND, E.—cont.																														
Midlothian	Balerno ...	99	700	13.3	7.0	10.1	-	17.8	1	-1.1	29	-	5.07	-	1.63	11	20	17	-	-	-	-	-	3	-	2.03	-			
	Midcalder ...	99	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	Turnhouse ...	21-9	114	14.8	8.3	11.5	-	19.4	1	3.0	13, 17	-	4.22	166	1.59	11	21	14	0	0	0	2	1	0	4	0	2.24	-		
	Edinburgh—																													
	East Craigs ...	99	200	14.6	8.3	11.5	-	19.4	1	3.3	13, 17	-	4.66	-	1.59	11	19	15	0	0	0	0	0	0	3	0	2.18	-		
	Davidson's Mains	99	200	14.9	8.6	11.7	-	19.4	1, 2	3.9	17	12.3	-	5.51	-	1.52	11	21	14	0	0	0	0	1	0	0	1	2.25	-	
	Penicuik ...	99	620	13.9	7.3	10.6	-	18.3	1	2.8	17	12.2	-	5.26	-	1.67	11	19	17	0	0	1	2	0	0	1	2.17	-		
	Bush House ...	99	605	13.6	7.6	10.6	-	17.8	2	2.8	13	11.8	11.9	5.26	-	1.83	11	20	16	0	0	0	0	2	0	1	0	2.42	-	
E. Lothian	Edinburgh—																													
	Blackford Hill	99	441	14.2	8.9	11.5	-0.8	19.4	1	4.4	17	-	4.21	165	1.69	11	17	15	0	0	0	1	1	0	0	1	2.13	51		
	Liberton ...	99	200	14.6	8.7	11.7	-	18.3	2, 4	3.9	13	-	4.36	-	1.78	11	18	15	0	0	0	0	1	0	0	0	2.16	-		
	Botanic Garden	99	74	14.9	8.8	11.9	-	19.4	1	4.4	13, 17, 29	12.4	-	4.71	-	1.39	11	21	15	0	0	0	0	0	0	1	2.20	-		
	Haddington ...	99	162	14.8	8.9	11.9	-	19.4	1, 2	2.8	17	-	4.54	-	1.27	11	22	15	0	0	0	0	0	0	1	0	2.18	-		
	North Berwick ...	99	51	15.3	9.0	12.1	-0.5	19.4	1, 2	5.0	17	-	4.20	173	1.22	11	19	15	0	0	0	0	0	0	0	-	2.20	54		
	Dunbar ...	99	75	14.6	9.4	12.0	-	19.4	1, 2	5.0	7, 17	-	3.49	-	1.16	11	18	14	0	0	0	0	0	0	0	0	2.88	-		
	Lauder ...	99	600	14.0	6.7	10.3	-	18.9	1	1.7	29	-	4.39	-	.91	11	25	17	0	0	0	0	1	1	0	2	2.54	-		
Berwick	Marchmont	99	498	14.1	7.9	11.0	-0.7	18.3	1	3.9	17	-	3.67	142	1.10	11	20	13	0	0	0	0	0	0	-	2	2.53	66		
	St. Abb's Head ...	99	245	13.3	10.0	11.7	-	20.0	1	7.2	17	-	3.86	-	1.70	4	22	13	0	0	0	2	3	0	0	2	-	-		
	Broughton ...	99	741	13.5	7.2	10.3	-	18.7	1	0.0	13	-	7.25	-	1.69	9	19	16	0	0	0	0	1	0	1	4	0	-		
	Blyth Bridge ...	99	830	13.1	7.4	10.3	-	16.7	1, 2	1.7	17	-	5.45	-	1.00	11	22	18	0	0	0	1	3	1	0	6	1	1.80	-	
	West Linton ...	99	800	13.3	6.2	9.7	-	16.7	1, 2, 4	0.6	17	11.3	11.7	5.31	-	1.12	11	24	18	0	0	0	2	0	0	3	0	-	-	
	Peebles ...	99	645	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Peebles (Glenress)	99	580	14.1	7.2	10.7	-	18.9	1	0.6	29	-	5.02	-	1.14	11	17	16	0	0	0	0	1	0	0	-	2	-	-	
	Selkirk (Bowhill)	99	600	14.0	7.2	10.6	-	18.3	1, 5	1.7	13, 29	-	4.94	-	1.39	11	22	15	0	0	0	0	1	3	0	-	3	-	-	
Roxburgh	Hawick (Wauchope)	99	560	14.6	6.9	10.7	-	18.9	16	0.6	13	-	4.06	-	1.38	11	14	12	-	-	-	-	1	0	-	-	-	-	-	
	Sourhope ...	99	900	-	7.6	-	-	-	-	1.7	17	-	5.82	-	1.44	11	20	15	0	0	1	0	0	0	0	1	1	1.88	-	
6a SCOTLAND, W.																														
Argyll	Tiree ...	21-9	29	14.0	9.3	11.7	-0.6	16.6	3	5.3	19	-	5.85	142	1.74	29	21	15	0	0	0	1	0	0	0	2	2	3.25	79	
	Rhuvaal ...	21-9	65	14.0	10.1	12.1	-	18.1	2, 3	6.5	30	-	7.40	-	1.12	29	20	19	1	0	0	0	0	0	0	2	-	-	-	
	Colonsay ...	99	87	14.6	8.2	11.4	-	18.3	2, 3	3.9	13, 19	-	5.82	117	1.00	29	24	20	0	0	0	0	0	1	0	-	2	-	-	
	Campbeltown ...	99	10	14.8	8.4	11.6	-	17.8	1, 8	3.9	28	-	3.91	-	.71	9	16	12	-	-	-	-	-	-	-	-	3.35	-		
	Tarbert (Achaglachgach)	99	40	14.9	7.7	11.3	-	18.9	2, 5	1.1	18	-	6.85	-	1.26	8	21	17	0	0	0	0	0	0	1	0	-	-	-	
	Oban ...	99	229	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Lepinmore ...	99	30	14.8	8.6	11.7	-	18.9	5	3.9	13, 17	-	7.89	-	1.26	30	20	20	0	0	0	0	0	0	3	0	2.60	-		
	Glenbranter ...	99	120	14.2	7.3	10.7	-1.0	18.3	2	1.1	13	-	11.11	134	2.68	29	21	20	-	-	-	-	1	0	3	-	-	-		
	Benmore (Forestry Sch.)	99	46	14.6	7.7	11.1	-	17.8	2, 5	2.2	18	12.4	12.6	10.29	126	2.27	9	24	22	0	0	0	0	0	3	0	1	0	-	-
	Benmore (Younger Bot. Gdn.)	99	40	14.4	8.3	11.3	-	18.3	2	2.8	18	-	10.32	-	2.14	9	23	21	0	0	0	0	1	1	0	2	0	-	-	
	Bute	Rothsay	99	150	14.4	8.8	11.6	-0.7	18.3	2	4.4	7, 18	12.6	12.3	6.91	137	1.09	8	26	20	0	0	0	0	0	1	0	0	3.00	80
		Millport ...	99	16	14.5	9.8	12.1	-	18.3	5	5.0	18	-	7.29	177	1.34	9	23	18	0	0	0	0	0	0	0	-	3	-	-
Dunbarton	Helensburgh ...	99	293	14.2	8.1	11.1	-1.0	17.8	2	3.3	17	-	7.70	159	1.41	9	26	21	0	0	0	0	1	0	0	-	1	-	-	
	Cumbernauld ...	99	310	14.3	7.4	10.9	-	18.9	5	1.7	17	-	7.68	-	1.27	9	23	18	0	0	0	0	0	2	0	4	0	-	-	
Stirling	Stirling ...	99	151	14.5	7.2	10.9	-1.5	17.8	1	2.2	13	13.1	12.8	5.14	150	.79	11	23	17	0	0	0	0	2	0	3	0	2.41	-	
	Falkirk ...	99	100	14.9	8.2	11.5	-	22.2	1	4.4	1, 13, 17	-	5.22	-	1.51	9	23	17	-	-	-	-	-	-	-	-	-	-		
Renfrew	Greenock ...	99	200	14.6	9.0	11.8	-0.8	18.3	2	5.0	7	-	9.12	170	1.90	9	21	18	0	0	0	0	1	0	0	1	0	2.96	-	
	Paisley ...	99	106	14.8	9.1	11.9	-0.8	18.3	10	5.0	13, 17, 18	12.6	12.1	7.15	186	1.44	11	21	18	0	0	0	1	2	0	3	0	2.47	65	
Lanark	Barrahead ...	99	97	14.4	7.7	11.1	-	18.3	5	1.1	13	-	7.31	-	1.40	11	22	18	0	0	0	0	0	0	2	0	-	-	-	
	Renfrew ...	21-9	26	14.7	8.5	11.6	-0.6	18.0	1	2.7	13, 29	-	6.40	179	1.30	11	21	19	0	0	0	0	1	0	0	4	0	2.54	69	
Ayr	Thorntonhall ...	99	453	13.7	7.9	10.8	-	17.8	5	2.8	18	-	7.61	-	1.44	11	22	20	0	0	0	0	0	0	6	0	-	-	-	
	Glasgow, Spr. Pk.	99	351	14.1	8.1	11.1	-	18.3	5	3.9	17, 18	-	7.47	208	1.24	11	23	19	0	0	0	0	1	0	0	5	1	2.14	-	
	Coatbridge ...	99	256	14.4	8.2	11.3	-	17.8	1	3.3	17, 18	-	6.54	-	1.24	11	20	17	0	0	1	0	1	0	0	-	-	-	-	
	Coalburn (Midtown)	99	707	13.2	6.4	9.8	-	16.4	5	0.2	13	11.7	-	6.44	-	1.35	11	21	18	0	0	0	1	0	0	4	2	2.31	-	
	Lowther Hill ...	-	2377	9.0	4.2	6.6	-	13.5	5	0.0	7, 17	-	-	-	-	-	-	-	-	-	-	1	19	2	-	7	1.80	-		
	Leadhills ...	99	1270	12.2	6.2	9.2	-	16.7	4	0.0	13, 21	-	10.61	-	2.07	9	23	20	0	0	0	0	0	1	2	4	2	-	-	
	Carnwath ...	99	706	12.9	6.7	9.8	-	16.1	1, 5	0.0	13	-	5.																	



TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER SEPTEMBER 1962

DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)		WEATHER										BRIGHT SUNSHINE				
			Means of		Difference from Average	Highest Maximum and Lowest Minimum				Total Fall			Percentage of Average	Most in a day	Precip'n	Snow or Sleet	Snow lying at 9h.	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. 0°C or less	Gale	Daily Mean	Percentage of Average				
			A Max.	B Min.		Maximum	Date	Minimum	Date		1 ft.	4 ft.														Amount	Date	-0.1in. (0.2mm.) or more	-0.1in. (1.0mm.) or more
			G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.										hr	%			
2 ENGLAND, N.E.—cont.																													
Northumb- erland cont.																													
Haydon Bridge ...	9 9	270																											
Berwick-on-Tweed ...	9 9	76	14.4	8.8	11.6	-0.6	19.4	2	3.9	17, 29	-	-	5.05	253	2.36	4	23	13	0	0	0	0	2	0	0	0	1	2.52	57
Ponteland ...	9 9	220	15.3	7.7	11.5	-	21.1	1, 2, 3	2.8	13	-	-	-	-	-	-	-	-	0	0	0	0	1	0	0	3	0	-	-
Cockle Park ...	9 9	326	14.7	8.0	11.3	-0.8	20.0	2	3.3	17	11.9	-	5.09	208	1.68	11	20	13	0	0	0	0	1	0	0	1	1	2.44	58
Acklington ...	21-9	138	15.0	8.3	11.7	-	21.7	2	3.3	13	-	-	4.27	-	1.58	11	22	13	0	0	0	0	1	0	0	0	1	2.52	-
Tynemouth ...	21-9	95	14.7	9.9	12.3	-0.8	22.0	2	4.5	17	-	-	4.01	174	1.52	11	18	12	0	0	0	0	1	0	0	0	1	2.43	-
Durham																													
Chopwellwood ...	9 9	446	14.9	7.9	11.4	-0.8	21.1	2	3.9	9, 13, 17	-	-	3.60	146	1.40	11	19	15	0	0	0	0	0	1	0	0	0	-	-
Ushaw College ...	9 9	594	14.9	-	-	-	20.6	2	-	-	-	-	3.12	120	.62	30	18	14	-	-	-	-	7	-	-	-	-	-	-
Houghall ...	9 9	123	15.7	7.8	11.7	-1.0	22.8	2	1.1	13	-	-	2.74	112	.60	11, 29	20	13	0	0	0	0	0	2	0	1	0	2.78	71
Durham	9 9	336	15.7	7.9	11.8	-0.8	21.7	2	3.3	13, 17	12.9	12.3	2.77	117	.61	11	19	14	-	-	-	-	-	0	0	-	-	3.07	76
Gateshead ...	9 9	509	14.7	8.8	11.7	-	20.6	2	3.9	17	-	-	3.54	-	1.32	11	19	14	-	-	-	-	0	0	0	-	-	2.34	-
Middleton St. Gge.	21-9	115	16.0	8.9	12.5	-	21.7	2	4.3	13	-	-	2.13	-	.50	11	18	12	0	0	0	0	2	0	0	0	0	2.64	-
West Hartlepool ...	9 9	30	15.9	9.8	12.9	-	22.8	2	5.0	17	-	-	1.90	-	.47	11	17	13	0	0	0	0	1	0	0	0	1	2.82	-
Yorks., N. Riding																													
Dishforth ...	21-9	105	16.0	8.9	12.5	-	23.0	2	3.9	13	-	-	2.38	113	.76	29	20	14	0	0	0	0	1	2	0	0	0	2.82	-
York ...	9 9	57	16.5	9.3	12.9	-0.8	23.3	2	4.4	17	13.2	13.2	3.25	156	.91	4	20	14	0	0	0	0	1	0	0	-	0	2.97	74
Ampleforth ...	9 9	313	15.2	8.5	11.9	-1.0	21.7	2	2.8	17	-	-	3.29	129	.88	29	24	15	0	0	0	0	0	0	0	1	1	-	-
Redcar ...	9 9	25	16.2	8.3	12.3	-	22.2	2	4.4	17	-	-	1.90	92	.36	29	21	14	-	-	-	-	1	0	-	-	-	2.70	-
Whitby ...	9 9	135	15.6	9.3	12.5	-	21.7	2	5.0	17	-	-	2.28	107	.59	29	21	15	0	0	0	0	1	0	0	-	0	3.29	-
Scarborough	9 9	118	16.1	9.6	12.9	-1.2	22.2	2	5.0	16	13.4	13.6	2.56	123	.52	11	24	13	0	0	0	0	0	0	0	0	0	3.05	69
Silpho Moor ...	9 9	665	14.2	7.7	10.9	-	20.6	2	3.9	17	11.5	-	3.52	-	.78	29	25	21	0	0	0	0	0	3	0	0	0	3.21	-
Fylingdales Moor ...	9 9	805	14.1	7.5	10.8	-	20.0	2	2.8	17	-	-	4.02	-	.96	29	23	19	-	-	-	-	5	0	-	-	-	-	-
Yorks., E. Riding																													
High Mowthorpe ...	9 9	574	14.6	7.9	11.3	-	20.6	2	2.2	17	12.3	-	2.93	-	.98	29	23	15	0	0	0	0	0	2	0	2	3.15	-	
Hull ...	9 9	8	16.7	9.6	13.1	-1.1	23.3	2	5.0	17	13.3	12.5	2.27	112	.53	11	14	12	0	0	0	0	0	0	0	0	0	3.46	80
Leconfield ...	21-9	24	16.3	9.0	12.7	-	22.8	2	4.6	17	-	-	1.91	-	.49	29	17	10	0	0	0	0	1	1	0	0	1	3.36	-
Filey ...	9 9	122	15.2	8.6	11.9	-	21.7	2, 3	2.8	17	-	-	1.82	-	.63	29	20	11	0	0	0	0	0	0	0	0	0	3.24	-
Bridlington ...	9 9	157	15.3	8.4	11.9	-	21.7	2	3.3	17	-	-	2.39	-	.58	29	19	13	0	0	0	0	1	1	0	1	2	2.97	-
Spurn Head ...	21-9	29	16.0	10.6	13.3	-1.1	22.6	2	7.6	17	-	-	2.53	-	.58	11	16	12	0	0	0	0	3	0	0	-	0	3.35	71
Lincoln																													
Gainsborough ...	9 9	110	16.7	8.6	12.7	-	22.8	2	4.4	16	-	-	2.67	-	.50	11	14	12	0	0	0	0	0	0	0	-	0	-	-
Waddington ...	21-9	224	16.4	9.0	12.7	-	23.6	2	5.9	18	-	-	3.03	-	.46	11	20	12	0	0	0	0	3	0	0	0	0	3.99	-
Lincoln ...	9 9	22	16.6	8.3	12.5	-	23.3	2	1.1	18	13.5	13.3	3.72	-	.75	4	22	12	0	0	0	0	2	1	0	1	0	4.01	-
Cranwell ...	9 9	205	16.5	8.7	12.6	-1.1	23.4	2	4.9	18	13.9	15.0	2.53	127	.51	6	16	12	0	0	0	0	0	0	0	0	0	3.85	84
Cleethorpes ...	9 9	23	16.7	9.3	13.0	-1.1	24.4	2	6.1	17	-	-	3.29	166	.68	6	19	15	-	-	-	-	0	0	0	-	0	3.66	77
Manby ...	21-9	55	16.5	8.8	12.7	-	23.6	2	4.4	18	-	-	3.46	-	.85	15	21	14	0	0	0	0	4	0	0	0	0	3.63	-
Skegness ...	9 9	15	16.8	9.8	13.3	-0.8	23.9	3	5.6	18	-	-	2.53	127	.51	11	19	11	0	0	0	0	4	0	0	0	1	3.90	81
3 ENGLAND, E.																													
Norfolk																													
Terrington																													
St. Clement ...	9 9	13	17.2	8.0	12.6	-	25.0	2	1.7	19	13.4	-	3.18	175	.54	29	17	13	0	0	0	0	4	0	0	1	0	3.89	-
Marham ...	21-9	76	17.1	8.4	12.7	-	24.5	2	3.5	17	-	-	3.03	-	.69	15	16	12	0	0	0	0	3	0	0	0	0	-	-
Santon Downham ...	9 9	80	17.4	6.1	11.7	-	25.0	2, 3	-1.7	18	13.1	12.8	3.96	-	.76	6	16	13	-	-	-	-	0	2	10	-	-	-	-
West Raynham ...	21-9	250	16.4	8.5	12.5	-	24.2	2	4.5	17	-	-	3.77	-	.52	4	20	14	0	0	2	0	4	0	0	1	0	4.13	-
Cromer ...	9 9	178	16.5	9.5	13.0	-1.7	25.6	3	5.6	17	-	-	4.10	188	1.10	4	15	12	-	-	-	-	0	0	0	0	0	4.67	94
Sprowston	9 9	93	17.1	8.8	12.9	-1.3	25.6	3	3.9	1	13.2	-	2.57	112	.95	6	17	11	0	0	0	0	3	0	0	2	0	4.24	86
Burlingham ...	9 9	89	17.1	9.1	13.1	-	26.1	2	5.0	18	-	-	2.19	97	.65	10	17	9	0	0	0	0	3	0	0	0	0	4.28	-
Gorleston	21-9	12	16.5	10.5	13.5	-1.3	21.2	3	6.0	18	14.1	13.9	2.67	120	.88	19	14	13	0	0	1	0	1	0	0	0	5	4.35	85
Suffolk																													
Mildenhall ...	21-9	15	17.5	8.9	13.2	-	25.1	2	2.7	18	-	-	3.61	180	.89	6	17	12	0	0	0	0	2	0	0	1	0	4.19	-
East Bergholt ...	9 9	14	17.8	8.2	13.0	-	26.1	3	3.3	18	-	-	2.24	-	.54	4	15												



TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER SEPTEMBER 1962

DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)		WEATHER Number of days										BRIGHT SUNSHINE						
			Means of		Difference from Average	Highest Maximum and Lowest Minimum						Total Fall	Percentage of Average	Most in a day		Precip'n -0.1in.(0.2mm.) or more -0.01in.(1.0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. O C or less	Gale	Daily Mean	Percentage of Average				
			A	B		Maximum	Date	Minimum	Date	1 ft.	4 ft.			Amount	Date																
			Max.	Min.		Max.	Min.	Max.	Min.	Max.	Min.			in.	%													in.			
G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.												hr	%						
4 MIDLAND COUNTIES—cont.																															
Yorks.	Ilkley ...	99	315	15.8	8.6	12.2	-0.7	22.2	2	4.4	17,18,21	-	-	3.49	119	1.10	29	17	12	0	0	0	0	2	0	0	3.04	78			
W. Riding—	Sheffield ...	99	429	15.9	9.3	12.6	-1.1	22.2	1	6.1	18,29	13.3	13.1	3.32	142	.74	29	20	14	0	0	0	0	1	0	0	2.91	75			
cont.	Wakefield ...	99	121	16.8	8.9	12.9	-0.9	22.8	2	3.9	29	12.7	12.5	2.56	124	.60	29	13	12	0	0	0	0	1	0	2	0	-	-		
	Pontefract ...	99	255	15.9	9.2	12.5	-0.9	22.8	2	5.6	17,18	-	-	2.65	134	.57	11	17	13	0	0	0	0	0	5	0	0	0	-	-	
	Bramham ...	99	177	16.5	8.3	12.4	-	22.2	2,3	3.9	17	-	-	2.64	-	.64	29	15	12	0	0	0	0	1	1	0	0	2.93	-		
	Cawood ...	99	20	16.3	8.5	12.4	-	22.8	2	2.8	17	12.8	13.3	2.85	140	.78	4	16	11	0	0	0	0	0	1	0	0	3.24	-		
	Askham Bryan ...	99	110	16.6	8.7	12.7	-	22.8	2	3.9	17	-	-	2.62	121	.64	29	17	14	0	0	0	0	0	4	0	0	2.91	-		
Derby	Buxton ...	99	1007	14.0	8.6	11.3	-0.4	18.9	2	4.4	17,29	11.8	12.4	5.23	133	1.05	29	20	15	0	0	0	0	2	5	0	0	0	-	-	
	Chapel en le Frith	99	732	15.2	7.9	11.5	-	20.6	2	0.6	18	-	-	5.11	-	1.11	15	18	16	0	0	0	0	0	1	0	0	5	0	-	-
	Mackworth ...	99	293	16.1	8.3	12.2	-	22.2	2	2.8	18	-	-	3.19	-	.76	11	17	12	0	0	0	0	1	1	0	3	0	-	-	
	Belper ...	99	203	16.6	8.0	12.3	-1.1	22.8	2	3.3	18	-	-	3.24	136	.75	11	19	15	0	0	0	0	0	0	0	0	-	-	-	
	Derby ...	99	159	17.0	9.1	13.1	-	23.9	2	5.0	18	-	-	3.04	-	.76	11	19	13	0	0	0	0	0	2	0	0	0	3.54	-	
	Morley ...	99	350	16.0	8.5	12.3	-	22.2	2	3.9	18	-	-	3.22	-	.75	11	20	15	0	0	0	0	1	0	0	3	0	3.61	-	
	Chesterfield ...	99	298	16.8	8.6	12.7	-	22.8	3	5.0	13,18	-	-	3.40	-	.87	29	18	14	0	0	0	0	1	8	0	0	-	-	-	-
Nottingham	Sutton Bonington	99	157	16.4	8.6	12.5	-1.0	22.8	2	3.3	13,18	13.3	13.4	3.84	206	1.06	4	18	10	0	0	0	0	1	0	0	4	0	3.63	89	
	Watnall ...	21-9	385	16.5	8.7	12.6	-	23.7	2	5.0	17	-	-	2.88	129	.71	11	20	13	0	0	0	0	0	2	3	0	2	0	3.67	-
	Mansfield ...	99	362	15.7	8.8	12.3	-1.2	22.8	2	5.6	13,18	12.9	-	3.90	182	.74	29	19	15	0	0	0	0	0	6	0	0	0	-	-	-
	Nottingham %	99	192	16.8	9.3	13.1	-0.9	23.9	2	6.1	13,29	13.2	13.7	3.25	164	.64	4	18	11	0	0	0	0	1	0	0	0	0	3.61	89	
	Warsop (Gleadthorpe)	99	150	16.5	7.6	12.1	-	23.3	2	2.8	13	-	-	2.94	163	.65	29	19	15	0	0	0	0	0	0	0	6	0	0	3.65	-
	Finningley ...	21-9	34	16.8	9.1	12.9	-	23.6	2	6.0	18	-	-	2.59	-	.56	6	20	11	0	0	0	0	0	1	0	0	0	3.56	-	
Leicester	Newtown Linford	99	392	16.5	7.7	12.1	-	22.2	2	3.9	18	-	-	3.34	-	.86	6	21	10	0	0	0	0	0	1	0	0	3	0	4.09	-
	Caldecott ...	99	175	17.3	7.3	12.3	-	25.0	2	1.7	18	-	-	3.08	-	.60	29	18	11	-	0	0	0	-	0	0	3	-	4.00	-	
Northampton	Raunds ...	99	193	17.4	7.8	12.6	-	25.0	2	2.8	18	14.2	13.6	3.13	151	.54	11,29	19	12	0	0	0	0	0	3	0	0	1	0	-	-
	Wittering ...	21-9	212	16.7	8.6	12.7	-	24.9	2	4.6	18	-	-	3.09	-	.55	29	18	12	0	0	0	0	0	2	0	0	1	0	4.46	-
Warwick	Birmingham K.E.S.	99	450	16.1	9.3	12.7	-	21.1	2	5.0	27	-	-	3.36	-	.75	29	18	13	0	0	0	0	0	1	0	0	0	-	-	-
	Birmingham %	21-9	536	15.9	9.6	12.7	-1.0	21.4	2	5.1	17	11.8	11.9	3.97	159	.81	29	18	10	0	0	0	0	0	1	2	0	1	0	3.52	88
	Luddington ...	99	138	17.3	8.7	13.0	-	22.8	2	1.1	21	-	-	2.67	125	.81	11	16	12	0	0	0	0	2	0	0	2	1	0	3.98	-
	Stratford on Avon	99	160	12.1	8.3	10.2	-	22.2	2	1.1	21	14.8	-	2.53	-	.83	11	15	10	0	0	0	0	1	2	0	3	2	4.14	-	
	Birmingham Airport*	21-9	319	16.3	9.1	12.7	-	21.6	2	0.7	21	-	-	3.87	178	.83	29	17	13	0	0	0	0	0	1	1	0	1	0	3.91	-
	Shipston on Stour	99	365	16.4	8.3	12.3	-	22.2	2	3.3	27	13.7	-	3.10	-	1.00	29	18	9	0	0	0	0	2	1	0	3	-	4.12	-	
	Wellesbourne ...	99	153	17.1	8.5	12.8	-	22.8	2	1.7	21	14.1	14.3	2.57	113	.87	11	13	8	0	0	0	0	1	1	0	4	1	4.08	-	
	Moreton Morrell...	99	280	16.9	8.9	12.9	-	22.8	2	2.8	18,21	-	-	2.85	-	.93	11	14	8	0	0	0	0	1	0	0	3	2	4.27	-	
	Coventry...	99	338	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Rugby ...	99	385	16.7	8.7	12.7	-	22.2	2	3.3	18,22	13.5	14.3	2.18	-	.53	11	18	10	0	0	0	0	1	-	0	0	0	-	-	-
Oxford	Oxford %	99	208	17.0	9.5	13.3	-1.1	23.3	2	3.9	18	14.6	14.8	4.52	205	1.01	28	17	13	0	0	0	0	1	0	0	3	0	4.74	107	
Buckingham	Aylesbury ...	99	316	16.8	7.3	12.1	-	23.3	2	1.1	18	-	-	3.23	-	.64	4,29	13	12	0	0	0	0	1	0	0	6	0	4.88	-	
Stafford	Keele ...	99	587	15.4	8.7	12.1	-	20.0	2,10	3.9	18	12.6	12.6	3.07	114	.59	11	17	14	0	0	0	0	1	0	0	0	0	3.00	-	
	Oaken ...	99	409	16.5	8.3	12.4	-0.8	21.1	2	2.8	21	13.1	-	3.91	-	.96	6	17	13	-	-	-	-	-	0	2	-	-	-	-	-
	Stone ...	99	350	15.7	8.4	12.1	-	21.1	2	1.7	18	-	-	3.44	-	.76	11	17	15	0	0	0	0	1	0	0	2	0	3.32	-	
	Penkridge ...	99	330	-	8.5	-	-	-	-	3.3	18	-	-	3.05	-	.61	11	18	14	0	0	0	0	0	0	0	2	0	-	-	-
	Onecote ...	99	1350	12.9	7.3	10.1	-	18.3	2	1.7	18	10.9	10.9	4.37	-	1.19	11	14	14	0	0	0	0	0	7	0	0	0	2.58	-	
Shropshire	Oswestry ...	99	570	15.1	9.0	12.1	-	19.4	2	6.1	16,17	-	-	3.67	-	.72	11	17	16	0	0	0	0	0	0	0	0	0	3.29	-	
	Church Stretton	-	582	-	-	-	-	-	-	-	-	-	-	4.96	182	.91	11	19	17	-	-	-	-	-	-	-	-	-	(1.98)	-	
	Shrewsbury ...	99	184	16.4	9.6	13.0	-	21.1	2	4.4	27	14.7	15.3	3.64	170	.69	11	19	13	0	0	0	0	1	2	0	0	1	2	3.26	-
	Shawbury ...	21-9	235	16.0	8.8	12.4	-	20.7	2	2.2	27	-	-	3.26	152	.70	11	18	13	0	0	0	0	2	0	0	3	0	3.56	-	
	Newport ...	99	211	16.2	8.2	12.2	-</																								



TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER SEPTEMBER 1962

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)			WEATHER										BRIGHT SUNSHINE					
				Means of		Mean Temperature of A and B	Difference from Average	Highest Maximum and Lowest Minimum						Total Fall	Percentage of Average	Most in a day		Precip'n	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. O°C. or less	Gale	Daily Mean	Percentage of Average			
				A Max.	B Min.			Maximum	Date	Minimum	Date	Amount	Date			0.01 in. (0.2 mm.) or more	0.01 in. (0.2 mm.) or more															
				°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.											hr	%				
5 ENGLAND, S.E.—cont.																																
Surrey																																
—cont.																																
Mickleham ...		9 9	179	17.4	8.2	12.8	-	23.3	2	0.0	18	-	-	3.42	152	1.27	29	16	13	0	0	0	0	0	0	2	2	-	-			
Kew Observatory §§		21-9	18	17.1	10.5	13.8	-1.1	23.2	2	5.4	18	14.4	14.7	2.84	143	.66	29	15	13	0	0	0	0	0	0	1	0	5.07	109			
London (Gatwick) §§		21-9	192	17.5	7.7	12.6	-	23.8	2	1.5	18	-	-	3.41	-	.98	29	13	12	0	0	0	0	0	0	5	2	5.09	-			
Airport		9 9	220	17.7	9.6	13.7	-1.1	24.4	2	3.3	18	-	-	2.60	123	.85	29	13	12	-	-	-	-	-	0	-	-	-	-			
Croydon (Waddon)		9 9	474	16.9	9.5	13.2	-1.0	23.9	2	3.3	18	-	-	3.08	137	1.05	29	16	11	-	-	-	-	-	0	-	-	-	-			
Addington ...		9 9	213																													
Bromley ...		9 9	177	17.9	8.1	13.0	-	24.4	2	2.2	21	14.3	-	2.32	-	.70	29	14	12	0	0	0	0	0	0	0	3	0	4.64	-		
Swanley ...		9 9	17	18.4	8.8	13.6	-	25.6	2	2.8	18	-	-	2.10	117	.54	29	13	12	0	0	0	0	0	0	0	0	0	0	-		
Dartford ...		9 9	351	17.1	7.6	12.3	-1.9	23.3	2	0.6	18	14.3	15.2	3.39	154	.99	29	12	10	0	0	0	0	0	2	0	0	1	2	4.89	96	
Tunbridge Wells		9 9	280	17.3	7.9	12.6	-	23.3	2	2.8	18	-	-	2.97	122	.96	29	16	11	0	0	0	0	0	1	0	0	3	2	-	-	
Goudhurst ...		9 9	122	17.9	7.7	12.8	-1.0	24.4	2	1.1	18	-	14.4	2.66	127	.63	29	16	11	0	0	0	0	0	2	0	0	1	0	5.23	106	
East Malling §§		9 9	195																													
Benenden ...		9 9	14	18.4	9.5	13.9	-	25.0	2	4.4	27	-	-	2.23	-	.60	29	15	12	0	0	0	0	0	0	0	0	0	4.35	-		
Gillingham ...		9 9	224	17.7	8.7	13.2	-	23.2	2,3	3.9	18	14.1	14.4	2.03	-	.51	29	12	11	0	0	0	0	0	0	0	1	2	5.44	-		
Sittingbourne ...		9 9	9	17.9	11.1	14.5	-	24.4	2	5.6	18	-	-	1.73	-	.35	29	13	11	-	-	-	-	-	0	0	0	-	-	4.98	-	
Isle of Grain		9 9	157	17.4	9.0	13.2	-	24.4	3	4.4	18	14.3	14.6	1.97	-	.53	29	14	11	0	0	0	0	0	0	0	0	0	0	5.45	-	
Faversham ...		21-9	10	17.5	10.3	13.9	-	20.5	2	2.4	18	-	-	2.00	99	.41	29	12	10	0	0	0	0	0	0	0	0	0	2	-	-	
Dungeness ...		9 9	185	17.7	8.9	13.3	-1.0	22.8	3	3.3	18, 24	-	-	2.18	96	.69	29	14	12	0	0	0	0	0	0	0	0	0	0	4.91	93	
Wye ...		9 9	9	17.7	10.1	13.9	-	24.4	3	5.0	23	-	-	1.39	80	.38	29	12	8	0	0	0	0	0	0	0	0	0	0	4.97	-	
Whitstable ...		9 9	128	17.8	11.4	14.6	-	21.1	3	5.6	18	-	-	1.93	90	.41	5	12	10	0	0	0	0	0	0	0	0	0	0	5.79	-	
Folkestone ...		9 9	28	17.8	8.4	13.1	-	25.0	3	2.8	14	-	-	1.68	-	.42	29	18	11	-	-	-	-	-	0	0	0	-	-	-	-	
Wingham (Elmstone)		9 9	21	18.1	11.0	14.5	-	26.1	3	7.2	17, 24, 27	-	-	1.30	72	.35	29	11	7	0	0	0	0	0	0	0	0	0	0	5.26	-	
Herne Bay ...		9 9	19	17.6	11.6	14.6	-0.6	21.1	2	6.1	18	16.0	16.4	2.27	100	.49	5	15	12	0	0	0	0	0	0	0	0	0	0	5.46	-	
Dover ...		9 9	402																													
Dover R.M.S.		21-9	18	17.4	11.8	14.6	-	23.0	3	5.5	18	-	-	1.98	-	.45	29	12	11	0	0	0	0	0	0	0	0	0	0	-	-	
Deal ...		21-9	145	17.4	10.3	13.9	-	24.6	3	4.9	17	-	-	1.59	-	.32	5	15	9	0	0	0	0	0	0	0	0	0	0	-	-	
Manston ...		9 9	80	17.2	11.6	14.4	-	22.2	3	6.7	18	-	-	1.28	61	.28	5	15	9	0	0	0	0	0	0	0	0	0	0	5.22	95	
Ramsgate ...		9 9	51	17.2	11.7	14.5	-1.1	25.0	3	7.2	17	14.9	15.3	1.11	57	.23	5	15	8	0	0	0	0	0	0	0	0	0	0	5.34	94	
Margate ...		21-9	10	17.8	9.5	13.7	-	22.6	2	3.2	22	-	-	4.19	200	1.03	29	14	13	0	0	0	0	0	0	0	0	0	0	5.48	-	
Thorney Island		9 9	24	16.8	10.6	13.7	-1.2	20.0	2	4.4	18	15.4	-	3.20	145	.76	29	14	11	0	0	0	0	0	0	0	0	0	0	5.86	107	
Bognor Regis ...		9 9	15	17.4	9.3	13.3	-1.5	20.0	1, 2, 7	3.3	18	15.3	-	3.78	174	.85	27	15	11	0	0	0	0	0	0	0	0	0	0	5.77	106	
Littlehampton ...		9 9	10	17.3	9.1	13.2	-	20.6	2	2.8	29	-	-	3.70	-	.88	27	15	11	-	-	-	-	-	-	-	-	-	-	5.16	-	
Rustington ...		9 9	25	17.4	10.7	14.1	-1.1	20.6	3	5.6	18	14.8	15.1	3.37	156	.68	27	14	12	0	0	0	0	0	0	0	0	0	0	5.80	103	
Worthing ...		9 9	32	17.4	11.3	14.3	-	20.6	2	5.0	18	-	-	2.54	117	.54	25	10	10	0	0	0	0	0	0	0	0	0	0	5.41	-	
Brighton ...		9 9	400	17.6	7.9	12.7	-	23.3	2	3.3	18	15.2	14.7	4.05	-	1.20	29	11	10	0	0	0	0	0	0	0	0	0	0	-	-	
East Grinstead ...		9 9	45	17.2	10.2	13.7	-	20.6	2, 3	4.4	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.67	-	
Seaford ...		9 9	23	17.1	11.4	14.3	-0.9	20.6	3, 15	6.1	18	15.9	16.1	2.55	102	.62	25	12	10	0	0	0	0	0	0	0	0	0	0	4	6.08	110
Eastbourne ...		21-9	17	17.6	10.5	14.1	-	20.7	3	4.5	18	-	-	2.41	-	.57	25	12	10	0	0	0	0	0	0	0	0	0	0	0	-	-
Eastbourne (C/guard)		9 9	12	16.8	10.6	13.7	-1.3	20.6	3	3.3	18	15.3	-	2.48	111	.70	29	11	11	0	0	0	0	0	0	0	0	0	0	0	5.63	-
Bexhill ...		9 9	188	17.5	8.4	12.9	-	23.3	2	2.8	18	-	-	2.48	-	.77	29	10	10	0	0	0	0	0	0	0	0	0	0	0	-	-
Sedlescombe ...		9 9	73	17.8	8.0	12.9	-	22.8	2	2.8	14, 18	14.5	14.6	2.54	-	.83	29	12	10	-	-	-	-	-	-	0	6	-	-	5.45	-	
Bodiam ...		9 9	149	17.1	11.2	14.1	-1.1	20.6	3	5.6	18	14.9	15.4	2.32	105	.63	29	13	8	0	0	0	0	0	0	0	0	0	0	5.62	103	
Hastings §§		9 9	350	16.9	8.7	12.8	-	23.9	2	1.1	22	-	-	3.03	-	.71	29	15	13	0	0	0	0	0	0	0	0	0	0	2	-	-
Letcombe Regis		21-9	210	17.6	8.7	13.1	-	24.5	2	1.3	21	-	-	3.39	169	.82	28	13	11	0	0											



TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER SEPTEMBER 1962

DISTRICT, COUNTY AND PLACE			Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)		WEATHER										BRIGHT SUNSHINE			
					Means of		Difference from Average	Highest Maximum and Lowest Minimum				Total Fall			Percentage of Average	Most in a day		Precip'n			Number of days						Daily Mean	Percentage of Average		
					A Max.	B Min.		Maximum	Date	Minimum	Date	1 ft.	4 ft.	Amount		Date	-0.1in. (0.2mm.) or more	-0.1in. (1.0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. O.C. or less			Gale	
					Max. Min.	G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.										hr	%
7a ENGLAND, N.W.																														
Cumberland	Sellafield...	9 9	43	15.3	10.3	12.8	-	18.3	1	5.0	13.21	-	-	3.74	87	.57	29	18	17	-	0	0	0	0	0	0	0	3.12	-	
	Carlisle ...	21-9	86	15.3	9.2	12.3	-	19.9	2	3.9	18.21	-	-	4.79	-	1.97	11	19	15	0	0	0	0	0	0	0	0	2.79	-	
	Newton Rigg	9 9	560	14.5	8.2	11.3	-0.6	18.3	3	2.2	13	12.2	-	4.35	140	1.12	29	17	10	-	0	0	0	0	2	-	2.75	73		
Westmorland	Spadeadam ...	9 9	900	13.2	7.3	10.3	-	18.3	2	0.6	21	10.9	10.9	6.06	-	1.61	9	23	18	0	0	2	0	1	2	0	4	1	2.29	-
	Ambleside ...	9 9	151	14.9	8.9	11.9	-	20.0	2	3.3	13	-	-	8.62	126	1.64	9	22	16	0	0	0	0	0	0	0	-	2.00	-	
	Great Dun Fell ...	-	2780	8.9	4.1	6.5	-	12.5	3	0.0	21	-	-	-	-	-	-	-	-	-	-	22	1	-	-	-	1.30	-		
Lancashire	Moor House ...	9 9	1825	11.1	5.6	8.3	-	16.1	2	0.0	13	9.6	-	6.94	-	1.39	29	23	17	-	0	0	0	0	6	-	2.24	-	-	
	Barrow-in-Furness	9 9	55	15.2	9.3	12.3	-	18.9	1,2	4.4	13	-	-	-	-	-	-	-	-	-	-	0	0	-	-	-	-	-	-	
	Squires Gate ...	21-9	33	15.5	9.8	12.7	-	20.2	2	2.9	18	-	-	3.47	105	.66	6	19	15	0	0	0	0	0	1	0	2	4	3.17	-
	Urswick ...	9 9	130	15.3	8.9	12.1	-	20.6	2	2.8	13	-	-	4.56	-	.81	11	21	17	0	0	0	0	1	2	0	-	-	-	-
	Poulton-le-Fylde	9 9	38	15.4	9.6	12.5	-	20.0	2	2.8	18,21	-	-	3.55	-	.58	6	19	16	0	0	0	0	1	0	0	-	-	-	-
	Grizedale ...	9 9	300	-	-	-	-	-	-	-0.6	21	13.3	-	8.10	-	1.60	9	21	18	0	0	0	0	0	0	2	-	-	-	-
	Liverpool Airport	21-9	80	16.0	10.2	13.1	-	20.6	2,3	6.2	27,29	-	-	2.40	85	.41	11	20	14	0	0	0	0	1	0	0	0	0	3.13	-
	Kirkham ...	9 9	78	15.4	9.1	12.3	-	20.0	2	1.1	18	-	-	3.51	95	.64	6	18	16	0	0	0	0	0	0	1	1	2.72	-	
	Garstang...	9 9	68	15.4	9.3	12.3	-	20.0	2	1.7	18	-	-	4.13	-	.61	11	19	16	-	0	0	0	0	0	2	-	3.24	-	
	Morecambe ...	9 9	24	15.5	9.7	12.6	-1.1	20.0	2	6.1	21	-	-	4.41	114	.57	7	19	18	0	0	0	0	0	0	0	-	3.15	72	
	Preston (Moor Pk.)	9 9	108	15.6	9.3	12.5	-	20.6	2	2.2	18	-	-	5.92	153	1.58	4	20	17	0	0	1	0	1	0	0	3	2	-	-
	Bolton ...	9 9	352	15.2	8.7	11.9	-1.3	20.6	3	4.4	18	12.5	-	4.35	-	1.25	11	21	17	0	0	0	0	0	1	2	0	1	0	2.96
	Darwen ...	9 9	724	14.3	8.3	11.3	-1.2	19.4	2	2.8	21	12.6	12.2	6.35	131	1.26	11	24	18	0	0	0	0	0	1	0	0	-	-	-
	Stonyhurst	9 9	377	14.9	8.7	11.8	-1.0	21.1	2	2.8	18	-	-	5.08	111	1.01	11	19	14	-	0	0	-	-	0	0	-	2.62	67	
	Manchester	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Weather Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.79	-	-	
	Helmshore	9 9	854	13.9	8.4	11.1	-	20.0	2	4.4	21	11.7	-	6.59	-	1.31	11	21	16	-	0	-	-	-	2	0	0	-	2.45	-
	Manchester (Smokeless Zone)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(2.50)	-	-	
	Burnley ...	9 9	655	14.1	8.2	11.1	-	19.4	2	1.7	21	12.3	11.9	5.18	-	.95	11	21	18	0	0	1	0	0	0	0	3	0	-	-
	Nelson ...	9 9	540	14.3	8.4	11.3	-	19.4	2	3.3	13,21	12.4	12.2	5.07	126	.98	11	19	15	-	0	-	-	-	1	0	2	-	2.41	- 5
	Rochdale ...	9 9	362	15.3	8.3	11.8	-	21.7	2	2.8	18	-	-	4.23	-	.98	11	19	16	0	0	0	0	2	1	0	0	1	-	2.53
Cheshire	West Kirby Park	9 9	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Bidston Obs'y.	9 9	198	15.0	10.4	12.7	-0.9	19.4	2,3	7.2	18,27	-	-	2.26	86	.44	11	21	17	-	-	-	-	-	0	0	0	-	3.35	76
	Northwich(Winnington)	9 9	65	16.7	10.1	13.4	-	21.1	2,3	5.0	18	-	-	2.50	92	.67	11	17	12	0	0	0	0	0	0	0	2	-	-	-
	Knutsford ...	9 9	212	16.9	9.3	13.1	-	21.7	2,3	3.3	18	14.1	14.3	3.56	-	.83	11	19	17	-	0	-	-	-	-	0	0	-	-	-
	Manchester Airport	21-9	248	15.8	9.7	12.7	-0.7	21.2	2	3.9	18	-	-	3.21	120	.75	11	19	13	0	0	1	1	2	0	0	0	0	3.16	87
	Macclesfield ...	9 9	500	15.6	9.3	12.5	-0.5	20.6	2	2.8	18	-	-	4.07	131	.91	11	19	17	0	0	1	0	3	0	0	-	2	-	-
7b NORTH WALES																														
Flint	Rhyl ...	9 9	31	16.1	10.4	13.3	-0.6	21.7	2	5.0	22,27	-	-	2.08	79	.38	15	19	14	0	0	1	0	1	0	0	0	0	3.45	78
	Prestatyn ...	9 9	12	16.2	10.3	13.3	-	21.7	2	5.6	22	-	-	2.34	86	.52	15	18	16	0	0	0	0	0	0	0	-	0	3.74	-
	Hawarden Bridge	9 9	17	16.6	9.7	13.1	-0.7	21.1	10	5.0	29	-	-	2.91	124	.50	12,29	18	15	0	0	0	0	1	1	0	0	-	-	-
Anglesey	Holyhead (Valley)	21-9	26	15.6	10.6	13.1	-0.9	19.1	2	3.3	22	-	-	2.73	86	.80	11	18	10	0	0	0	0	0	0	0	1	0	3.66	79
	Alwen ...	9 9	1100	13.4	6.7	10.1	-	18.9	2	-0.6	22	-	-	4.68	-	.82	11	20	18	-	-	-	-	-	1	6	-	-	-	-
	Ruthin ...	9 9	248	15.7	8.7	12.2	-	21.1	2	1.7	27	-	-	3.14	-	.50	11	16	14	-	0	-	-	-	0	0	-	-	-	-
Denbigh	Loggerheads ...	9 9	690	14.6	7.9	11.3	-	20.0	2	1.1	22	12.4	12.6	3.65	-	.80	16	20	15	0	0	2	0	0	0	1	1	-	-	-
	Bwlchgwyn ...	9 9	1267	13.3	7.9	10.6	-	17.2	2	3.3	17	11.0	-	4.66	-	1.12	29	17	15	0	0	0	0	1	1	2	0	1	0	-
	Wrexham ...	9 9	275	16.1	9.1	12.6	-	21.1	10	4.4	20,27	13.3	13.4	3.01	-	.56	29	16	13	0	0	0	0	1	1	4	0	3	0	-
Caernarvon	Bardsey Island	21-9	60	15.4	11.6	15.5	-	19.5	13	8.0	16	-	-	3.39	-	.73	29	15	14	-	-	-	-	-	-	0	0	-	-	-
	Botwnnog ...	9 9	112	15.5	9.9	12.7	-	18.3	2,10	3.9	22	14.3	14.2	4.80	-	.94	11	20	15	0	0	0	0	2	0	0	2	3.72	-	
	Bryn Adda ...	9 9	275	15.3	9.9	12.6	-	20.0	2	5.0	22	-	-	4.47	-	.98	11	19	15	0	0	0	1	1	0	0	2	2	3.24	-
	Cwm Dyli ...	9 9	324	15.0	9.2	12.1	-	20.6	2	2.2	22	13.6	-	12.66	-	3.05	11	24	22	-	-	-	-	-	0	0	4	-	-	-
	Aber ...	9 9	60	15.8	10.2	13.0	-1.0	20.6	1,2,3	5.6	22	-	-	5.50	141	1.59	29	19	15	0	0	0	0	0	0	0	1	2	2.55	62
	Llandudno	9 9	13	15.8	10.9	13.3	-0.9	20.6	2	6.1	13	-	-	3.17	117	1.05	29	19	15	0	0	2	0	0	0	0	-	0	3.36	77
Merioneth	Llyn Stwlan	9 9	1656	10.8	7.7	9.3	-	16.1	2	3.3	17,21,22	-	-	12.21	-	3.42	11	23	21	-	0	-	-	-	-	0	2	-	-	-
	Trawsfynydd	9 9	611	14.9	8.8	11.9	-	20.6	2	3.3	21,22	-	-	9.59	-	1.88	11	21	19	-	0	-	-	-	0	0	3	-	-	-
	Blaenau Ffestiniog	9 9	750	14.7	8.4</																									



TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER SEPTEMBER 1962

DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)		WEATHER Number of days										BRIGHT SUNSHINE						
			Means of		Mean Temperature Mean of A and B	Difference from Average	Highest Maximum and Lowest Minimum		1 ft.	4 ft.	Total Fall	Percentage of Average	Most in a day		Precip'n	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. °C. or less	Gale	Daily Mean	Percentage of Average					
			A	B			Maximum	Minimum					Amount	Date																	
			Max.	Min.			°C.	°C.					°C.	°C.													°C.	°C.	in.	%	in.
G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.		°in. (0-2mm.)	°in. (1-6mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. °C. or less	Gale	hr	%					
8b ENGLAND, S.W.																															
Somerset	Hawkrigg (Liscombe)	9 9	1030	14.3	8.2	11.3	-	18.3	2	1.1	22	-	-	5.10	-	.99	29	20	12	-	0	-	-	-	-	-	-	-			
	Cannington	9 9	95	17.0	9.7	13.3	-	20.6	1	3.9	27	14.5	-	2.55	99	.65	29	17	15	-	-	-	-	-	-	4.48	-				
	Weston-s.-Mare	9 9	28	17.3	10.7	14.0	-	21.7	2	3.9	22	-	-	2.95	98	.80	29	16	16	0	0	0	0	0	0	2	4.10	86			
	Long Ashton	9 9	162	16.8	9.3	13.1	-1.0	21.1	2	2.2	22	15.3	-	3.41	106	.91	29	15	11	0	0	0	0	0	6	4.22	90				
Dorset	Bath (City)	9 9	388	16.4	9.3	12.9	-	21.1	2	2.2	22	-	-	4.21	-	1.48	4	13	10	0	0	0	0	0	0	1	-	-			
	Boys' School	9 9	67	17.3	9.2	13.3	-1.2	22.2	2	0.6	22	15.2	15.0	4.28	168	1.53	4	17	11	0	0	0	0	0	12	2	4.36	93			
	Portland Bill	21-9	35	16.2	12.4	14.3	-1.0	18.6	2	7.0	22	-	-	2.47	115	.77	29	11	9	0	0	0	0	0	0	9	-	-			
	Weymouth	9 9	16	17.4	11.2	14.3	-1.0	21.1	2	5.6	18, 22	-	-	3.23	129	.74	29	15	12	-	-	-	-	-	-	5.78	112				
Devon	Shaftesbury	9 9	680	15.5	8.5	12.0	-1.6	22.8	2	2.8	22	-	-	3.51	132	1.32	29	16	13	-	-	-	-	-	-	-	-	-			
	Swanage	9 9	37	17.5	10.2	13.9	-	19.4	2, 7, 15	4.4	22	-	15.7	3.82	-	.98	29	11	7	0	-	0	0	0	0	3	5.78	-			
	Poole	9 9	18	(18.2)	(8.8)	(13.5)	-	21.7	2	1.1	18	-	-	3.12	-	1.02	29	(14)	(8)	0	0	0	0	0	0	0	(5.65)	-			
	Clayton	9 9	412	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Cornwall	Hartland Pt.	21-9	298	15.5	11.6	13.5	-	20.8	2	6.2	22	-	-	3.00	-	.63	11	15	13	0	0	0	0	0	0	4	5.06	-			
	Plymouth (Mt. Batten)	21-9	87	16.5	10.1	13.3	-1.4	20.9	2	3.9	27	-	-	3.92	136	1.51	29	16	11	0	0	0	0	0	1	2	5.11	100			
	Plymouth (The Hoe)	9 9	119	17.1	10.4	13.7	-1.2	21.1	2	5.0	18, 22, 23	15.0	15.1	3.90	135	1.25	29	17	13	0	0	0	0	0	0	2	5.19	101			
	Chivenor	21-9	20	17.2	10.8	14.0	-	20.3	2, 9	2.8	21	-	-	3.04	-	.72	30	16	12	0	0	0	0	0	0	2	4.50	-			
Somerset	Ilfracombe	9 9	25	16.7	11.8	14.3	-0.8	20.6	2	8.9	20, 27	15.4	15.6	3.46	104	.75	29	16	12	0	0	0	0	0	0	1	4.68	100			
	Totnes	9 9	120	17.2	7.6	12.4	-	21.1	2	0.6	22	15.1	14.4	3.69	106	1.64	29	15	14	0	0	0	0	0	10	4	5.14	-			
	Slapton	9 9	104	17.1	10.2	13.7	-	19.4	2	5.0	27	-	-	3.35	-	1.09	29	11	11	0	0	0	0	0	0	0	-	-			
	Newton Abbot	9 9	272	17.0	9.1	13.1	-1.3	20.6	6	2.2	22	-	-	3.89	131	1.81	29	17	12	0	0	0	0	0	0	1	5.48	110			
Devon	Paignton	9 9	8	17.5	9.9	13.7	-	21.1	10	3.9	22	-	-	3.49	120	1.61	29	13	11	0	0	0	0	0	0	2	5.60	111			
	Torquay	9 9	26	17.0	10.6	13.8	-1.2	20.0	5, 10	4.4	22	-	16.1	3.20	121	1.56	29	16	8	0	0	0	0	0	0	4	6.00	114			
	Teignmouth	9 9	20	17.1	10.7	13.9	-1.2	20.0	5, 6	3.9	22	-	-	2.81	110	1.47	29	14	8	0	0	0	0	0	0	2	5.41	104			
	Starcross	9 9	29	17.1	9.5	13.3	-	20.6	6	1.7	22	14.6	-	2.99	-	1.51	29	11	9	0	0	0	0	0	4	5.55	-				
Cornwall	Exeter (Southam)	9 9	160	16.9	9.1	13.0	-	20.0	3, 5	0.0	22	-	-	3.56	-	1.85	29	18	13	0	0	0	0	0	3	1	0	-			
	Exmouth	9 9	195	16.4	9.9	13.1	-1.2	18.9	3, 6	3.3	22	-	-	2.65	97	1.21	29	14	9	0	0	0	0	0	0	1	5.05	106			
	Exeter	21-9	106	17.1	9.0	13.1	-	20.2	3	0.0	22	-	-	3.19	122	1.55	29	14	14	0	0	0	0	0	0	0	4	4.93	-		
	Sidmouth	9 9	25	17.2	10.2	13.7	-0.9	20.6	12, 14	3.3	22	-	-	2.12	-	.79	29	16	10	-	-	-	-	-	0	0	5.74	-			
Somerset	St. Mary's, Scilly	21-9	158	17.2	12.0	14.6	-0.4	19.7	2	9.0	17, 18	-	-	3.35	136	1.02	29	16	12	0	0	0	0	0	0	4	5.89	113			
	Penzance	9 9	62	17.1	10.6	13.9	-1.2	19.4	2, 10, 11	5.0	23	-	-	3.11	99	1.19	29	18	13	0	0	0	0	0	3	5.41	106				
	Gulval	9 9	50	17.0	10.7	13.9	-0.9	19.4	2, 3, 10	5.0	18	-	-	3.03	101	1.14	29	18	12	-	-	-	-	-	0	0	5.23	103			
	Culdrose	9 9	268	16.3	9.9	13.1	-	20.6	2	5.0	18	-	-	3.07	-	1.03	29	17	12	0	0	0	0	0	0	0	0	5.23	-		
Cornwall	Camborne (Rosewarne)	9 9	250	16.7	10.9	13.8	-	21.1	2	6.1	18	14.6	14.7	3.79	131	1.60	29	17	14	0	0	0	0	0	0	2	4.98	-			
	Lizard	9 9	240	16.6	11.2	13.9	-	18.9	2	7.1	19	-	-	3.50	148	1.08	29	18	14	0	0	0	0	0	0	5	5.50	-			
	Falmouth	9 9	167	16.4	10.6	13.5	-1.4	19.4	11	6.1	18	-	-	3.90	127	1.60	29	18	13	0	0	0	0	0	0	2	4	-			
	Newquay	9 9	176	16.6	10.5	13.5	-1.0	19.4	2	5.0	23	-	-	3.26	123	1.26	29	18	11	0	0	0	0	0	0	4	4	-			
Somerset	St. Mawgan	21-9	337	16.3	10.4	13.3	-	20.0	2	5.6	21, 27	-	-	3.93	-	1.64	29	15	13	0	0	0	0	0	0	3	5.21	-			
	St. Austell	9 9	310	16.7	9.9	13.3	-	20.0	5	5.6	18, 23	-	-	3.54	99	1.42	29	18	15	0	0	0	0	0	0	1	-	-			
	Fowey	9 9	51	17.3	10.6	13.9	-1.0	20.0	5	5.0	23, 29	-	-	2.78	-	1.05	29	15	13	0	0	0	0	0	0	1	-	-			
	Bude	9 9	50	16.8	9.9	13.3	-1.1	21.7	2	1.7	22	13.4	-	3.06	103	.60	30	18	15	-	-	-	-	-	0	0	4.59	95			
Cornwall	Ellbridge	9 9	190	16.9	8.8	12.9	-	20.6	2	1.7	23	-	-	4.03	-	1.35	29	17	14	0	0	0	0	0	0	2	2	5.08	-		
	NORTHERN IRELAND																														
	Londonderry	Loughmore Forest	9 9	572	13.7	7.2	10.5	-	18.9	2	2.2	19	-	-	5.82	-	1.02	29	22	17	0	0	0	0	0	1	1	0	2	0	-
		Eglinton	9 9	38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Ballykelly		21-9	3	14.9	9.1	12.0	-0.8	20.6	2	2.7	19	-	-	4.77	153	.85	11	22	15	0	0	0	0	0	0	1	3.12	78			
Derrynoyd Forest		9 9	292	14.4	7.8	11.1	-	18.3	2	2.2	29	-	-	8.40	-	1.25	11	22	20	0	0	0	0	0	0	3	0	-	-		
Antrim	Somerset Forest	9 9	142	14.7	8.3	11.5	-	20.6	2	3.3	29	-	-	5.61	-	1.01	11	25	19	0	0	0	0	0	0	0	1	0	-		
	Garvagh Forest	9 9	292	14.4	8.1	11.3	-	20.0	2	2.8	29	-	-	6.95	-	1.21	29	22	20	0	0	0	0	0	0	1	0	-	-		
	Garvagh	9 9	121	14.7	8.3	11.5	-0.7	19.4	2	3.3	29	13.8	-	6.21	167	1.06	11	24	18												



TABLE IV—SUMMARY OF OBSERVATIONS AT FIXED HOURS SEPTEMBER 1962

DISTRICT, COUNTY AND PLACE		Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (OKTAS)					VISIBILITY										WIND, NUMBER OF OBSERVATIONS																																																																					
				At Mean Sea Level	Difference from Average	Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	Mean Amount	No. of Observations					NUMBER OF OBSERVATIONS										FORCE (0-12)				DIRECTION																																																																
											0	1	2	3	4	5	6	7	8	9	0-44 yd.	45-210 yd.	220-430 yd.	440-1,000 yd.	1,100-2,100 yd.	2,200-4,300 yd.	3-6 mi.	7-12 mi.	13-24 mi.	25 mi. or over	Beaufort Force				N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.																																																				
																															7	8	9	10																																																												
																															Speed in knots	11	12	13																																																												
																																		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60

0 SCOTLAND, N.		3	273	1008.9	-	9.2	0.6	10.8	92	6.4	2	2	3	4	18	1	0	0	0	0	0	0	0	0	0	0	0	7	4	9	9	0	2	13	13	2	0	6	2	0	3	5	5	4	3	4	3	
Zetland	Lerwick Observatory	9	273	1008.4	-1.7	10.0	0.8	11.0	89	6.6	0	1	6	8	14	1	0	0	0	0	0	0	0	0	0	0	1	2	5	8	3	9	1	2	16	11	0	7	2	0	4	6	2	5	4	3		
		15	273	1008.5	-	10.7	1.2	10.9	85	6.7	0	2	4	14	10	0	0	0	0	0	0	0	0	0	0	0	1	2	1	8	9	6	0	2	17	11	0	3	2	1	2	4	3	9	6			
		21	273	1008.6	-	9.4	0.6	10.9	92	5.9	0	5	5	7	11	2	0	0	0	0	0	0	0	0	0	0	0	2	6	5	9	6	0	1	14	14	1	3	2	0	1	7	4	5	7	7		
Orkney	Kirkwall (Grimsetter)	3	86	1009.3	-	9.5	0.6	11.0	91	6.3	0	3	5	9	13	0	0	0	0	0	0	0	0	0	0	0	0	3	3	6	13	5	1	1	14	14	0	4	1	2	2	6	4	4	7	7		
		9	86	1009.1	-	10.9	1.1	11.2	85	6.6	0	0	6	13	10	1	0	0	0	0	0	0	0	0	0	0	1	0	2	3	4	7	13	0	4	15	11	0	6	1	0	4	5	4	5	5		
		15	86	1009.0	-	11.9	1.6	11.3	81	6.3	0	4	2	14	9	1	0	0	0	0	0	0	0	0	0	0	3	1	2	11	12	0	5	17	7	1	5	1	0	6	3	4	9	1				
Caithness	Wick	21	86	1009.4	-	9.8	0.7	11.0	90	6.1	0	5	5	6	14	0	0	0	0	0	0	0	0	0	0	0	1	0	5	4	14	6	0	1	9	19	1	3	0	4	6	3	7	5				
		3	121	1009.2	-	9.0	0.7	10.6	91	5.3	1	6	4	13	4	2	0	0	0	0	0	0	0	0	0	0	1	0	2	3	12	11	1	0	11	14	4	4	2	1	1	4	3	6	5			
		9	121	1009.2	-1.8	10.8	1.1	11.1	85	6.6	0	1	5	14	8	2	0	0	0	0	0	0	0	0	0	2	1	2	5	5	13	0	2	12	15	1	7	1	1	1	6	4	6	3				
Sutherland	Cape Wrath	15	121	1008.8	-	12.0	1.7	11.3	81	6.4	0	2	4	18	6	0	0	0	0	0	0	0	0	0	0	0	2	1	2	5	9	11	0	2	14	14	0	4	1	2	1	9	2	4	7			
		21	121	1009.3	-	9.3	0.9	10.4	88	5.9	0	4	6	12	8	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	2	6	6	14	0	1	7	19	3	6	1	0	2	7	3	5	3
		3	371	1008.8	-	9.9	1.0	10.6	86	6.6	3	0	2	7	17	1	0	0	0	0	0	0	0	0	0	0	0	1	2	1	10	15	1	2	5	18	4	3	5	2	1	6	2	3	4			
Ross & Cromarty	Stornoway	9	371	1008.6	-	10.5	1.2	10.9	86	7.0	0	1	12	15	1	0	0	0	0	0	0	0	0	0	0	0	0	2	4	4	19	1	2	6	20	1	6	3	4	1	5	4	5	1				
		15	371	1008.6	-	11.5	1.5	11.2	82	6.5	0	0	7	10	12	1	0	0	0	0	0	0	0	0	0	0	0	3	3	5	18	1	1	7	19	2	5	3	1	1	5	3	6	4				
		21	371	1008.9	-	10.4	1.3	10.6	84	6.5	0	3	4	8	13	2	0	0	0	0	0	0	0	0	0	0	2	3	3	20	0	3	1	22	4	5	3	0	0	6	5	3	4					
Inverness	Benbecula...	3	16	1009.8	-	9.5	0.9	10.7	89	5.4	1	5	7	7	10	0	0	0	0	0	0	0	0	0	0	0	0	3	4	17	6	0	2	8	17	3	6	1	0	3	5	6	2	4				
		9	16	1009.6	-1.2	11.2	1.2	11.5	86	6.6	0	1	5	14	10	0	0	0	0	0	0	0	0	0	0	0	0	4	6	9	11	0	2	14	13	1	3	3	2	3	4	8	1	5				
		15	16	1009.5	-	12.5	2.1	11.0	75	5.8	0	2	9	15	4	0	0	0	0	0	0	0	0	0	0	0	0	0	6	10	14	0	3	16	11	0	4	5	0	1	7	6	2	5				
Fife	Leuchars	21	16	1009.6	-	9.7	0.8	10.8	89	5.9	0	6	4	9	11	0	0	0	0	0	0	0	0	0	0	0	0	3	7	11	9	0	2	14	11	3	4	3	0	1	10	4	2	3				
		3	21	1009.5	-	10.1	0.9	11.1	89	5.8	0	4	7	8	11	0	0	0	0	0	0	0	0	0	0	0	1	0	4	6	7	12	0	1	17	9	3	9	1	1	6	1	3	2	4			
		9	21	1009.3	-	11.5	1.5	11.2	82	6.4	0	2	4	14	10	0	0	0	0	0	0	0	0	0	0	0	2	4	3	7	14	0	2	15	12	1	4	4	3	2	6	2	5	3				
Midlothian	Turnhouse	15	21	1009.2	-	12.6	2.1	11.1	76	5.8	0	3	9	12	6	0	0	0	0	0	0	0	0	0	0	0	0	4	4	3	19	0	5	15	10	0	8	1	1	2	6	5	4	3				
		21	21	1009.3	-	10.5	1.1	10.9	85	5.6	0	6	5	10	9	0	0	0	0	0	0	0	0	0	0	0	1	1	2	6	9	11	1	2	14	12	1	6	2	1	3	6	6	1	4			
		3	19	1010.1	-	9.8	0.8	10.9	89	6.6	0	0	7	12	11	0	0	0	0	0	0	0	0	0	0	0	0	1	3	7	12	7	0	1	6	23	0	2	3	5	2	4	8	3	3			
Moray	Kinloss	9	19	1010.1	-	11.5	1.6	11.1	81	6.8	0	1	3	18	8	0	0	0	0	0	0	0	0	0	0	0	0	1	5	5	7	12	0	0	12	18	0	4	1	2	3	2	10	5	3			
		15	19	1009.6	-	13.3	2.4	11.1	73	6.6	0	1	3	20	6	0	0	0	0	0	0	0	0	0	0	0	0	0	4	6	8	12	0	0	14	16	0	11	1	0	1	6	4	4	3			
		21	19	1010.1	-	10.5	1.3	10.7	84	6.4	0	3	1	20	6	0	0	0	0	0	0	0	0	0	0	0	0	0	6	4	11	9	0	0	7	23	0	1	3	5	5	6	3	5	2			
Aberdeen	Dyce	3	193	1010.7	-	9.4	0.8	10.7	90	6.5	3	1	2	8	15	1	0	0	0	0	0	0	0	0	0	0	0	1	4	7	7	8	2	0	1	5	20	4	2	0	0	3	5	3	3	10		
		9	193	1010.7	-1.6	11.3	1.4	11.2	83	6.6	0	2	4	9	14	1	0	0	0	0	0	0	0	0	0	0	1	5	10	9	3	0	0	7	20	3	4	0	0	1	8	4	3	7				
		15	193	1010.3	-	12.7	2.1	11.1	75	6.5	0	2	4	13	11	0	0	0	0	0	0	0	0	0	0	0	0	0	4	5	8	9	4	0	1	9	19	1	6	2	2	8	3	1	5			
Rattray Head	Rattray Head	21	193	1010.8	-	10.2	0.9	11.1	88	6.3	1	4	3	6	16	0	0	0	0	0	0	0	0	0	0	0	0	6	10	9	3	1	0	1	3	19	7	2	0	1	2	7	2	7				
		3	108	1009.9	-	10.0	1.0	10.7	87	6.2	0	3	4	17	4	2	0	0	0	0	0	0	0	0	0	0	0	6	21	1	0	0	4	9	16	1	4	0	1	11	3	7	2					
		9	108	1009.8	-	11.1	1.4	11.0	82	6.2	0	0	7	18	4	1	0	0	0	0	0	0	0	0	0	0	0	0	6	15	8	0	0	3	10	16	1	4	0	0	5	8	1	7	4			
Fife	Leuchars	15	108	1009.7	-	12.3	1.9	11.1	78	5.8	0	3	8	14	3	2	0	0	0	0	0	0	0	0	0	0	2	1	5	12	10	0	1	3	14	12	0	6	0	1	4	9	0	7	3			
		21	108	1009.9	-	10.5	1.1	11.0	86	6.3	0	2	5	16	6	1	0	0	0	0	0	0	0	0	0	0	1	0	7	21	1	0	4	12	12	2	5	0	3	1	10	0	6	3				
		3	38	1010.1	-	9.7	0.8	10.9	89	6.4	0	4	3	6	16	1	0	0	0	0	0	0	0	0	0	0	1																					







TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS SEPTEMBER 1962

DISTRICT, COUNTY AND PLACE		Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (OKTAS)					VISIBILITY							WIND, NUMBER OF OBSERVATIONS																					
				At Mean Sea Level	Difference from Average	Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	Mean Amount	No. of Observations					NUMBER OF OBSERVATIONS							FORCE (0-12)					DIRECTION															
											0	1	2	3	4	5	6	7	8	9	0-44 yd.	45-210 yd.	220-430 yd.	440-1,000 yd.	1,100-2,100 yd.	2,200-4,300 yd.	3-6 mi.	7-12 mi.	13-24 mi.	25 mi. or over	Beaufort Force					N	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
																															0	1	2	3	4								
4 MIDLAND COUNTIES—cont.																																											
Northampton	Wittering	H	3	219	1013.6	-	10.0	0.6	11.5	93	4.1	4	7	8	6	5	0	0	0	0	1	5	15	7	0	1	0	1	5	21	3	4	0	0	3	4	6	8	2				
			9	219	1013.8	-	12.7	1.2	12.7	85	5.6	0	4	7	12	7	0	0	0	0	0	2	3	8	12	4	0	0	0	13	17	0	4	0	0	2	5	7	8	4			
			15	219	1014.6	-	15.8	3.0	12.7	70	5.3	0	1	10	11	8	0	0	0	0	0	1	0	10	8	9	2	0	0	16	14	0	4	1	0	2	5	7	7	4			
			21	219	1013.8	-	11.5	1.0	12.1	88	5.1	2	5	6	9	8	0	0	0	0	0	0	2	14	12	2	0	0	0	7	22	1	4	0	1	1	7	4	9	5			
			9	542	1013.8	-	11.9	1.4	11.7	83	5.9	2	2	4	12	10	0	0	0	1	2	1	14	8	3	0	0	0	0	6	24	0	4	0	0	4	8	6	5	3			
Warwick	Birmingham	H	15	542	1013.2	-	14.8	3.1	11.4	67	6.2	0	1	9	10	10	0	0	0	0	2	9	8	6	5	0	0	0	12	18	0	3	1	0	1	11	5	8	1				
			21	542	1013.5	-	12.1	1.5	11.7	82	5.5	1	6	4	8	11	0	0	0	0	0	5	9	13	3	0	0	0	7	23	0	1	3	0	6	6	5	5	4				
			3	362	1013.1	-	10.3	0.7	11.4	90	6.4	1	4	1	9	15	0	0	0	0	2	2	13	7	5	1	0	1	3	22	4	2	0	1	3	7	7	3	3				
			9	362	1013.4	-	12.5	1.5	12.1	88	6.1	1	4	2	14	9	0	0	0	1	1	5	10	12	0	1	0	0	10	18	2	2	1	1	3	7	6	5	3				
			15	362	1013.0	-	15.1	3.1	11.7	67	6.5	0	0	6	17	7	0	0	0	0	0	1	10	10	7	2	0	0	13	16	1	3	1	0	1	12	4	5	3				
Shropshire	Shawbury	H	21	362	1013.2	-	11.9	1.5	11.6	83	5.7	1	4	5	13	7	0	0	0	0	5	19	6	0	0	0	0	0	6	22	2	2	2	0	5	6	7	3	3				
			3	249	1012.6	-	10.3	0.6	11.8	92	6.1	0	5	3	12	10	0	0	0	1	0	5	9	8	7	0	0	0	6	19	5	3	1	2	2	10	2	4	1				
			9	249	1013.1	-	12.6	1.4	12.4	83	5.8	0	5	4	14	7	0	0	0	0	3	9	8	4	6	0	0	0	10	18	2	3	0	3	2	11	2	5	2				
			15	249	1012.8	-	14.7	2.6	12.1	72	6.6	0	0	7	12	11	0	0	0	0	0	0	7	10	4	9	0	0	17	12	0	4	0	1	1	8	5	9	2				
			21	249	1012.8	-	11.3	0.9	12.0	89	6.0	0	4	6	11	9	0	0	0	0	1	2	10	8	8	1	0	1	6	21	2	3	1	3	2	6	8	4	1				
Worcester	Persnore ...	H	3	117	1013.5	-	10.6	0.9	11.6	89	6.0	1	3	5	11	10	0	0	0	0	5	8	6	8	2	0	0	1	6	16	7	0	0	4	3	6	8	0	2				
			9	117	1014.0	-	13.0	1.6	12.5	83	5.8	1	3	7	11	8	0	0	0	1	1	3	7	6	6	6	0	0	11	15	4	1	0	2	2	10	5	3	3				
			15	117	1013.3	-	15.8	3.3	12.1	67	6.4	0	1	7	15	7	0	0	0	0	0	9	6	7	8	0	0	0	14	14	2	2	0	2	9	8	4	3					
			21	117	1013.7	-	12.1	1.3	12.0	84	5.2	0	6	7	9	8	0	0	0	0	0	1	10	7	8	4	0	0	6	22	2	1	0	1	4	7	10	3	2				
			9	226	1013.7	-2.6	12.8	1.5	12.4	83	6.0	0	5	5	10	9	1	0	0	1	0	4	8	5	11	1	0	0	2	26	2	3	0	3	2	6	9	4	1				
Hereford	Ross-on-Wye	H	15	226	1013.2	-	15.4	3.4	12.0	69	6.4	0	1	7	11	11	0	0	0	0	0	7	7	11	5	0	0	0	6	24	0	4	1	1	0	6	10	6	2				
			21	226	1013.5	-	11.8	0.2	12.0	85	6.2	0	4	3	12	11	0	0	0	0	0	2	11	5	10	2	0	0	3	25	2	4	1	0	3	6	11	3	0				
			3	197	1014.3	-	11.1	1.1	11.5	86	4.3	3	9	5	5	8	0	0	0	0	0	3	10	14	3	0	0	0	4	20	6	3	0	4	1	7	3	6	0				
			9	197	1014.7	-	13.3	1.7	12.4	80	6.1	0	4	5	10	11	0	0	0	0	2	5	12	5	1	0	0	1	7	20	2	2	1	4	6	7	4	2					
			15	197	1014.3	-	15.7	3.4	11.7	65	6.2	0	3	4	16	8	0	0	0	0	0	0	5	8	11	6	0	0	13	17	0	1	3	1	2	5	8	2					
Gloucester	Bristol (Filton)	H	21	197	1014.6	-	12.5	1.6	11.8	81	5.4	1	6	6	9	8	0	0	0	0	1	13	12	4	0	0	0	1	4	24	1	1	2	0	5	5	9	2					
			3	79	1013.9	-	11.3	1.2	11.6	86	4.8	5	4	3	10	8	0	0	0	0	1	2	13	9	3	2	0	0	1	3	20	6	1	0	1	3	9	8	1				
			9	79	1014.3	-	13.6	1.8	12.6	80	5.8	0	5	4	12	9	0	0	0	0	0	7	6	9	4	4	0	0	10	18	2	2	1	2	2	9	7	3	2				
			15	79	1013.8	-	16.3	3.5	12.1	65	6.7	0	0	4	18	8	0	0	0	0	0	1	11	4	5	9	0	0	8	22	0	5	0	1	3	8	8	5	0				
			21	79	1014.1	-	12.5	1.6	11.9	81	5.3	2	5	3	12	8	0	0	0	0	2	10	10	6	2	0	0	1	3	23	3	1	0	1	3	10	10	1	1				
Gloucester	Gloucester	H	3	751	1013.9	-	9.7	0.5	11.3	93	5.4	5	1	4	7	13	0	0	0	0	5	11	6	6	2	0	2	4	24	0	4	1	0	4	8	4	6	3					
			9	751	1014.2	-	11.9	1.2	12.0	85	5.9	0	5	4	14	6	1	0	0	1	0	2	10	10	4	3	0	0	11	17	1	3	1	0	2	9	6	4	4				
			15	751	1013.6	-	14.3	2.8	11.4	70	6.4	0	2	4	15	9	0	0	0	0	2	5	9	4	10	0	0	3	11	16	0	4	0	3	8	5	7	3					
			21	751	1014.2	-	11.0	1.1	11.4	86	5.2	3	6	3	9	9	0	0	0	0	0	0	9	7	7	0	0	1	9	20	0	5	0	0	2	6	8	6	3				
			5 ENGLAND, S.E.																																								
Middlesex	London (Heathrow) Airport	H	3	86	1014.7	-	10.8	0.8	11.9	90	4.3	4	7	5	8	6	0	0	0	0	1	3	8	16	2	0	0	1	4	20	5	5	0	3	2	3	8	3	1				
			9	86	1014.8	-	13.4	1.5	12.9	82	5.5	1	4	5	15	5	0	0	0	0	4	12	10	3	1	0	0	1	18	1	3	1	2	3	6	5	8	1					
			15	86	1014.0	-	16.8	3.6	12.5	65	6.0	0	3	6	14	7	0	0	0	0	1	5	10	5	9	0	0	0	14	15	0	3	0	1	2	11	4	6	3				
			21	86	1014.5	-	12.7	1.5	12.2	83	4.5	4	6	5	10	5	0	0	0	0	0	2	7	15	6	0	0	0	5	25	0	2	1	3	4	3	7	7	3				
			9	34	1014.7	-2.1	13.7	1.9	12.5	79	5.9	1	3	4	16	6	0	0	0	0	1	3	10	7	3	6	0	0	7	21	2	3	1	0	2	6	7	5	4				
Surrey	Kew Observatory	H	15	34	1013.8	-	16.3	3.5	11.9	65	6.4	0	3	4	18	7	0	0	0	0	1	5	7	9	8	0	0	1	8	20	1	4	1	1	1	5	7	7	3				
			21	34	1014.4	-	12.9	1.7	11.9	81	5.2	4	3	4	14	5	0	0	0	0	0	6	9	13	2	0	0	3	23	4	2	2	2	3	7	7	1	1					
			3	195	1014.7	-	9.4	0.5	11.3	94	3.8	7	5	8	5	4	1	0	0																								







TABLE XIII—SOLAR RADIATION AND INTENSITY OF DAYLIGHT, SEPTEMBER 1962

STATION	TOTAL RADIATION ON A HORIZONTAL SURFACE mw. hr./cm <sup>2</sup>						DIFFUSE RADIATION ON A HORIZONTAL SURFACE mw. hr./cm <sup>2</sup>						INTEGRATED ILLUMINATION OF A HORIZONTAL SURFACE kilo lux-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 ... ..	383	7	16	27	186.2	30	222	1	16	27	125.0	30	461	13	21	27	231.7	30
Eskdalemuir ... ..	477	8	45	9	204.9	30	236	1	44	9	145.5	30	543	8	64	9	236.2	30
Cambridge ... ..	512	1	74	28	282.9	30	229	3	74	28	158.2	30	-	-	-	-	-	-
Kingsway ... ..	540	9	52	28	295.9	30	235	23	51	28	158.6	30	590	9	63	28	325.3	30
Kew ... ..	506	9	92	26	302.1	30	239	8	88	26	164.0	30	597	9	109	26	343.7	30
Aberporth ... ..	574	7	45	26	286.3	30	281	8	45	26	174.3	30	-	-	-	-	-	-

TABLE VIII—NUMBER OF DAYS IN SEPTEMBER 1962 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	2	28	0	0	0	0	0	0	0	0	1	24	5	0	Birmingham ... ..	0	0	0	11	18	1	0	0	0	0	0	0	0	0	15	15	0
Stornoway ... ..	0	0	0	26	4	0	0	0	0	0	0	0	5	20	5	0	Kew Observatory ... ..	0	0	0	5	22	3	0	0	0	0	0	0	0	0	15	14	1
Craibstone ... ..	0	0	1	26	3	0	0	0	0	0	0	0	4	18	8	0	Hastings ... ..	0	0	0	3	26	1	0	0	0	0	0	0	0	13	15	2	
Rothsay ... ..	0	0	0	22	8	0	0	0	0	0	0	0	3	17	10	0	Southampton ... ..	0	0	0	1	22	7	0	0	0	0	0	0	2	13	13	2	
Renfrew ... ..	0	0	0	15	15	0	0	0	0	0	0	0	6	12	12	0	Stonyhurst ... ..	0	0	0	18	11	1	0	0	0	0	0	0	3	18	9	0	
Eskdalemuir ... ..	0	0	2	22	6	0	0	0	0	0	0	0	9	13	8	0	Bidston Observatory ... ..	0	0	0	17	13	0	0	0	0	0	0	0	0	13	17	0	
Douglas ... ..	0	0	0	24	6	0	0	0	0	0	0	0	0	14	16	0	Holyhead (Valley) ... ..	0	0	0	11	19	0	0	0	0	0	0	0	1	12	17	0	
Cockle Park ... ..	0	0	1	16	13	0	0	0	0	0	0	0	3	23	4	0	Falmouth ... ..	0	0	0	9	21	0	0	0	0	0	0	0	0	15	15	0	
Gorleston ... ..	0	0	0	10	17	3	0	0	0	0	0	0	0	15	14	1	Aldergrove ... ..	0	0	0	19	11	0	0	0	0	0	0	0	2	21	7	0	
Cambridge ... ..	0	0	0	6	18	6	0	0	0	0	0	0	3	19	8	0	Armagh ... ..	0	0	0	16	14	0	0	0	0	0	0	0	5	18	7	0	

TABLE III—ADDITIONS AND CORRECTIONS

MONTH	STATION	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)			WEATHER Number of days										BRIGHT SUNSHINE		
				Means of		Mean Temperature Mean of A and B	Differ- ence from Aver- age	Highest Maximum and Lowest Minimum						Total Fall	Per- cent- age of Aver- age	Most in a day		Precip'n		Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. 0°C. or less	Gale	Daily Mean
				A Max.	B Min.			Maximum	Date	Minimum	Date	Amount	Date			40in. (0.2mm.) or more	44in. (1.6mm.) or more												
				Max. Min.										1 ft.	4 ft.		%	in.											
1961			G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.		°C.	°C.			in.	%	in.												
December	High Wothorpe	9 9	574															7											
1962	Shipston-on-Stour	9 9	365																										
March	Shrewsbury	9 9	184	7.1																2									
"	Hayling Island	9 9	13	6.8																									
"	Sandown	9 9	13	7.7			4.3	-2.4																					
April	Liberton	9 9	200																									6.01	-
"	High Wothorpe	9 9	574																									5.32	-
"	West Kirby Park	9 9	25																									6.30	-
"	Nelson	9 9	540																									5.04	-
"	Sellafield	9 9	43																									6.53	-
"	Oban	9 9	229																									(7.03)	(151)
"	Ventnor	9 9	443																									4.93	-
"	Port Talbot	9 9	24																									5.31S	-
"	Starcross	9 9	29																									6.01	-
"	Cleethorpes	9 9	23	11.0			7.4	-0.8																					
May	Ballingry	9 9	425																										
"	Lauder	9 9	600										7.6																
June	Oaken	9 9	409																									5.89	
"	Loughmore Forest	9 9	572																										
"	Costa	9 9	115																										
"	North Berwick	9 9	51																									5.43	
"	Hawick	9 9	560																									5.75	86
July	Hawarden Bridge	9 9	17																										
"	Great Dun Fell	- -	2780																										
February	Gulval	9 9	50	8.8	4.3	6.5	-0.4	12.2	18	-2.2	27	-	-	1.42	-	.28	4.27	14	11	-	1	-	-	-	0	3	-	1.63	
March	West Kirby Park	9 9	25	-0.4		3.3																						2.89	108
1961	High Wothorpe	9 9	574																										
Annual																			17										

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# Monthly Weather Report

## OF THE METEOROLOGICAL OFFICE

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

Volume 79 Number 10

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### October 1962 — *Dry and quiet for much of the month*

The outstanding feature of the month was the generally dry anti-cyclonic weather which lasted, with little interruption, from the 3rd until the 24th. The last week was mainly cyclonic with troughs of low pressure crossing the country from the west.

A deep depression south of Iceland on the 1st gave showery weather over most of the country in a fresh to strong south-westerly airstream which reached gale force at times in the west and north. Winds moderated, and showers became less frequent, on the 2nd as an anti-cyclone off the coast of Portugal intensified and moved north-eastwards. The next day a ridge of high pressure covered most of the country and weather was generally fine and sunny, except in the extreme south where a small depression over northern France gave rather more cloud. The 4th, too, was a generally sunny day, but a trough of low pressure moving eastwards from Ireland gave widespread rain during the night, though amounts were mainly small, except in the north west. This rain had cleared most districts by noon the next day.

Behind the trough an anticyclone developed covering southern England, northern France and Germany, and in its circulation a warm airstream from low latitudes spread to all parts of the British Isles. From 6th to 9th as the anticyclone drifted slowly eastwards, weather was fine and warm nearly everywhere after patches of early morning fog had cleared; afternoon temperatures rose to 21°C (70°F) at places as far apart as Kinloss and Thorney Island.

On the 10th the anticyclone over western Russia declined, while another developed to the north of Scotland. Winds slowly backed, and a light airstream from the North Sea brought temperatures nearer the average. From 11th to 14th the anticyclone moved slowly southwards over the British Isles; winds, during this time, were light and variable, or from a generally north-easterly direction, and weather mainly cloudy but dry, although there were sunny periods most days, especially in the south and west.

The 15th to 20th was a foggy period with the anticyclone centred over southern England. Widespread overnight fog was often dense and slow to clear, but the sun broke through by mid-day in most districts giving fine but hazy afternoons. In parts of west Lancashire, however, the fog only thinned, to thicken again at night.

The anticyclone moved to the southern North Sea on the 21st, where it remained until the 23rd, maintaining generally dry, mild weather, with a good deal of morning fog over most of the country; frontal activity however in the north-west gave a little rain in Scotland.

The weather pattern changed on the 24th as a deep and complex Atlantic depression approached western Scotland. Associated fronts gave widespread rain on the night of the 24th/25th, and as the fronts became slow-moving the rain persisted over a wide area for nearly two days; many places in south-east England had more than 1 in. of rain on the 25th. The night of the 26th/27th was fine with fairly widespread air-frost, but a vigorous depression moving south-east from Iceland brought gale force winds to exposed western districts the next day; associated frontal rain was heavy in many southern and central districts, and thundery, with hail and sleet at times in the north.

The depression moved to southern Scandinavia on the 28th and winds veered to north bringing an airstream from Arctic regions over the British Isles; the day was generally sunny but with scattered showers, which were of sleet or snow over higher ground in Scotland and Wales. The 29th was another wet day. Rain, associated with a

complex depression near Iceland spread across most districts and was heavy in the west and north; some places in Wales had more than 2 in. The rain cleared south-east England during the morning of the 30th and the month ended with two generally showery days with moderate to fresh west to north-west winds reaching gale force at times, the showers being frequent and thundery with scattered thunderstorms and hail in places on the 30th.

**Pressure and Wind** — Mean pressure was above average everywhere, the excess at 9 hr ranging from 4.7 mb at Lerwick to 7.7 mb at Eskdalemuir. Surface winds were south-westerly for the first two days but became mostly light and variable until the 23rd. Thereafter, winds were south-westerly over the whole country on the 24th and 25th, north-easterly on the 26th, and generally between west and north-west for the remainder of the month. Wind reached gale force on 15 days in Scotland and on the 1st, 18th, and 26th-31st (8 days) in England and Wales. Gales were widespread on the 30th. Gusts of 75 kt and 64 kt were recorded at Benbecula and Tiree respectively on the 27th and of 61 kt at Bidston and Stornoway on the 28th.

**Temperature** — Mean temperature everywhere was above the 1921-50 average, the excess being 0.5°C in England and Wales (where it was the sixth successive October with mean temperature above average) 1.1°C in Scotland and 0.9°C in Northern Ireland. During the last six days of the month temperature was below the average with widespread air frost during the early hours of the 27th and 29th.

**Extremes included:** (England and Wales) 22.8°C at Gillingham, Kent, on the 2nd and at Bryn Adda on the 8th, -5.6°C at Lincoln on the 29th; (Scotland) 21.7°C at Gordon Castle on the 8th, -6.1°C at Carnwath on the 27th and at Glentress on the 29th; (Northern Ireland) 18.4°C at Ballykelly on the 6th, -1.1°C at Pubble Forest on the 29th.

**Precipitation** — The general rainfall expressed as a percentage of the 1916-50 average was 40 over England and Wales, 48 over Scotland and 45 over Northern Ireland. More than 50 per cent of the average rainfall occurred, however, in central southern England, coastal districts of Sussex, the Thames Estuary, the east Midlands, East Anglia and in parts of Snowdonia, Cheshire, Lancashire, and the Lake District. Less than 25 per cent was recorded in the Exeter and Birmingham areas, in Monmouthshire, and in north-east England.

Thunder was heard in Scotland on 7 days and in England and Wales on the 1st, 2nd, 19th, 28th, 30th and 31st (6 days). Thunderstorms were widespread on the 30th.

Snow or sleet fell at one place or another in Scotland during the last 8 days of the month and in England and Wales during the last six.

**Sunshine** — The general sunshine expressed as a percentage of the 1921-50 average was 109 over England and Wales, 97 over Scotland and 110 over Northern Ireland. In Scotland sunshine was about or above the average near the Forth Clyde Valley and further south. At Worthing it was the sunniest October, except 1959, for 40 years.

**Fog** — Fog was reported at one place or another in Scotland on 18 days, and in England and Wales on the 3rd-12th, 14th-20th, 22nd-23rd, and 25th-29th (24 days). It occurred at many stations in the Midlands on 9 days and at Buxton on 12 days. It was widespread on the 9th-10th, 15th-17th, and 22nd-23rd.

**Miscellaneous Phenomena** — The aurora was visible in Scotland on 17 nights.



TABLE I—DISTRICT VALUES— OCTOBER 1962 (1908, revised 1928, 1941 and 1956)

DISTRICTS	AIR TEMPERATURE						EARTH TEMPERATURE		RAINFALL		SUNSHINE	
	Highest	Lowest	Difference from Average			At 1 ft. Difference from Average	At 4 ft. Difference from Average	Percentage of Average	No. of Days Difference from Average	Percentage of Average		
			Max.	Min.	Mean							
0 SCOTLAND, N.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	%	-	%		
Eastern	21.1	-2.9	+0.8	+1.6	+1.2	—	—	66	-5	84		
1 SCOTLAND, E.	21.7	-6.1	+1.0	+1.4	+1.2	—	—	26	-6	97		
2 ENGLAND, N.E.	20.6	-5.6	+0.5	+0.7	+0.6	+0.7	-0.4	23	-8	105		
3 ENGLAND, E.	22.2	-3.9	+0.4	+0.3	+0.4	+0.5	-0.4	52	-7	108		
4 MIDLAND COUNTIES	20.0	-4.4	+0.5	+0.4	+0.5	+0.4	-0.1	29	-7	107		

DISTRICTS	AIR TEMPERATURE						EARTH TEMPERATURE		RAINFALL		SUNSHINE	
	Highest	Lowest	Difference from Average			At 1 ft. Difference from Average	At 4 ft. Difference from Average	Percentage of Average	No. of Days Difference from Average	Percentage of Average		
			Max.	Min.	Mean							
5 ENGLAND, S.E.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	%	-	%		
Western	22.8	-3.3	+0.8	+0.5	+0.7	+0.3	-0.3	60	-7	119		
6 SCOTLAND, W.	20.0	-6.1	+0.9	+1.0	+1.0	+1.1	+0.3	46	-8	112		
7 ENGLAND, N.W. (and N. Wales)	22.8	-5.0	+0.6	+0.4	+0.5	+0.8	+0.5	46	-8	106		
8 ENGLAND, S.W. (and S. Wales)	20.6	-5.0	+0.3	-0.4	0.0	+0.2	-0.2	29	-8	109		
NORTHERN IRELAND	18.4	-1.1	+0.9	+0.9	+0.9	-	-	45	-11	110		

TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— OCTOBER 1962 (1914)

DISTRICT, COUNTY AND PLACE			Height of Vane		Distribution of Mean Hourly Values of Wind Speed								Mean Hourly Wind Speed	Highest Velocities							
			Above Mean Sea Level	Above Ground	Effective Height	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			
						Dates of Occurrence	Duration	No. of days	Duration	Duration	Duration	Duration		Duration	Duration	Veer from N.	Speed	Hour ended at	Speed	Day and Time	
			ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	hr.	knots	°	knots	day hr.	knots	day	h.m.	
SCOTLAND																					
0	Zetland	Lerwick	304	33	33	17, 18	4	10	61	473	192	14	0	13.7	230	41	18	02	57	18	0155
	Orkney	Kirkwall (Grimsetter)	134	50	33	18, 25, 28	7	15	81	397	235	24	0	13.8	350	37	25	17	51	28	1345
	Caithness	Dounreay	110	39	30	28	2	11	70	413	256	2	1	13.4	360	37	28	12	60	28	1135
	Ross & Cromarty	Stornoway (Coastguard)	120	40	36	1, 3-6, 17, 18, 28	50	22	205	344	102	43	0	18.8	220	42	29	16	61	28	0935
		Duirinish	125	65	55	18, 28	4	17	140	336	200	64	0	14.1	-	38	28	11	59	28	1040
	Inverness	Benbecula	69	51	35	27, 28	8	18	175	307	167	87	0	14.6	290	37	27	21	75	27	2005
1	Moray	Lossiemouth	101	80	60	28	1	11	64	290	290	98	1	11.0	330	35	28	13	54	28	1415
	Aberdeen	Dyce	225	40	40	-	0	6	19	181	299	245	0	7.2	340	29	28	15	43	28	1440
	Angus	Bell Rock Lighthouse	128	131	124	-	0	9	48	349	203	144	0	11.1	230	31	27	06	57	1	0455
	Perth	Rannoch	1006	56	57	-	0	7	38	301	325	80	0	10.2	230	29	30	19	45	27	0645
	Fife	Leuchars	78	40	40	-	0	10	33	361	192	134	23	10.8	170	34	27	08	53	27	0715
	Midlothian	Edinburgh	485	39	23	27	1	10	33	361	192	134	23	10.8	170	34	27	08	53	27	0715
6a	Argyll	Tiree	89	60	47	4, 25, 27-31	37	22	235	319	93	60	0	17.6	340	40	28	12	64	27	2240
	Bute	Millport	50	34	34	-	0	9	46	208	291	182	17	9.2	160	30	1	05	59	30	1050
	Renfrew	Paisley	188	81	31	-	0	4	12	252	359	121	0	8.8	210	27	1	07	46	30	0340
		Renfrew	71	41	39	-	0	4	29	209	421	85	0	9.1	310	28	28	14	49	27	1935
	Ayr	Prestwick Airport	68	33	33	-	0	4	29	209	421	85	0	9.1	310	28	28	14	49	27	1935
	Dumfries	Eskdalemuir	825	50	35	-	0	3	10	152	277	305	0	6.3	220	26	27	11	51	27	1040
	Wigtown	West Freugh	83	33	33	-	0	7	51	218	334	141	0	9.5	170	30	1	03	59	1	0235
ENGLAND and WALES																					
6b	Isle of Man	Point of Ayre	70	40	35	28	1	8	89	292	338	24	0	12.3	280	34	28	09	53	28	0920
		Ronaldsway	119	64	39	1	5	10	115	368	190	66	0	13.7	190	41	1	03	59	1	0205
2	Durham	Durham	389	53	33	-	0	4	6	152	214	357	15	5.7	200	22	27	11	50	30	1210
		South Shields	73	57	44	-	0	4	24	177	404	139	0	8.1	010	29	26	05	45	18	0925
	Lincoln	Cranwell	288	47	47	-	0	2	3	177	397	167	0	7.4	260	24	28	13	39	28	1220
3	Norfolk	Gorleston	45	33	33	-	0	3	20	286	431	7	0	10.4	020	28	26	14	40	26	1525
	Suffolk	Mildenhall	98	83	60	-	0	0	0	87	342	315	0	5.1	270	19	28	11	41	28	1410
	Bedford	Cardington	226	133	133	-	0	5	17	214	396	117	0	8.7	190	25	30	02	39	28	1400
	Hertford	Rothamsted	461	41	33	-	0	0	0	25	449	270	0	4.4	010	14	26	15	35	28	1440
		Stanstead Abbots	138	41	40	-	0	0	0	80	323	317	24	4.4	330	18	29	24	34	30	0345
	Essex	Coryton	66	57	48	-	0	0	0	121	479	139	5	6.9	290	17	28	16	38	28	1540
		Shoeburyness	118	106	91	30	2	8	35	261	365	81	0	10.2	200	36	30	04	50	30	0335
4	Yorks. W.R.	Sheffield	533	83	35	-	0	0	0	43	327	374	0	4.0	270	14	18	07	38	18	1215
	Warwick	Birmingham (Edgbaston)	643	118	73	-	0	0	0	82	448	214	0	5.3	280	19	28	13	35	30	1420
	Stafford	Keele	706	50	40	-	0	0	0	70	391	283	0	5.3	310	18	28	21	41	28	1130
	Gloucester	Avonmouth	92	61	33	-	0	6	30	196	287	200	31	8.3	170	33	1	03	48	1	0230
5	London	Kingsway	208	143	41	-	0	0	0	105	495	144	0	6.6	260	17	30	15	38	28	1455
	Middlesex	London (Heathrow) Airport	115	33	33	-	0	2	2	153	477	112	0	7.2	190	22	1	12	35	1	1155
		Hampton	139	101	100	-	0	0	0	99	311	334	0	4.9	190	19	1	10	39	28	1525
	Surrey	Kew Observatory	92	75	50	-	0	0	0	85	371	288	0	5.4	210	18	1	10	38	1	0525
		London (Gatwick) Airport	232	38	33	-	0	0	0	98	297	349	0	5.0	200	20	1	13	37	1	0705
	Kent	Isle of Grain	48	40	33	-	0	0	0	105	201	408	30	4.3	190	21	30	03	36	30	0335
		Dungeness	70	50	33	-	0	6	26	179	309	206	24	7.9	200	32	30	05	43	30	0405
		Dover	68	38	62	-	0	4	10	221	380	133	0	8.3	210	27	30	03	50	30	0320
	Sussex	Thorney Island	75	65	42	-	0	1	3	98	344	299	0	5.6	190	23	30	01	39	31	1410
	Hampshire	Calshot	50	41	33	-	0	3	16	271	426	31	0	9.8	220	28	29	24	43	1	0345
		S. Farnborough	318	69	35	-	0	0	0	68	199	477	0	3.7	250	18	30	13	48	30	0610
	Berkshire	Abingdon	295	40	40	-	0	1	1	133	293	317	0	5.5	200	23	1	07	40	28	1320
	Wiltshire	Larkhill	491	51	36	-	0	0	0	126	390	228	0	6.1	200	20	1	05	47	1	0520
		Porton	406	44	44	-	0	1	4	104	306	330	0	5.3	190	27	1	06	41	1	0310
7a	Cumberland	Carlisle	137	42	30	-	0	0	0	129	442	173	0	6.8	210	21	1	11	37	30	1305
		Sellafield	83	39	35	-	0	6	26	240	388	88	2	9.5	290	27	28	10	41	28	0905
		Spadeadam	959	51	40	-	0	7	21	231	387	101	4	9.3	180	32	1	04	49	1	0340
	Westmorland	Moor House	1960	50	45	27, 28	3	13	91	317	284	49	0	12.5	230	39	27	11	54	27	0955
	Lancashire	Southport	59	41	33	28	1	4	61	106	335	228	13	7.8	290	34	28	09	51	27	1855
		Liverpool Airport	84	41	33	-	0	5	20	192	442	90	0	8.9	170	28	1	04	46	28	1105
	Cheshire	Bidston Observatory	262	64	39	28	4	4	55	137	434	108	6	-	270	34	28	11	61	28	1045
		Manchester Airport	261	33	33	-	0	2	5	159	388	193	0	6.9	160	24	1	04	45	1	0335
7b	Anglesey	Holyhead (Valley)	76	50	40	-	0	8	76	140	202	326	0	7.9	170	32	1	02	51	1	0105
8a	Cardigan	Aberporth	483	41	41	26	2	8	87	192	314	143	0	10.2	(360	36	26	09)	(57	1	0135)
	Pembroke	Milford Haven	246	50	35	-	0	3	12	124	305	235	68	6.5	(300	24	30	22)	(47	30	2130)
	Glamorgan	Port Talbot	91	40	35	-	0	7	57	172	297	218	0	8.6	360	30	28	14	44	28	1330
		Rhoose	257	37	32	-	0	4	18	201	386	139	0	8.3	250	28	27	18	44	27	1810
8b	Devon	Plymouth	191	88	65	1	3	4	8	266	255	212	0	8.3	-	38	1	03	48	1	0210
	Cornwall	St. Mary's, Scilly	230	65	57	30	1	10	105	246	302	90	0	12.0	310	34	30	19	58	30	1625
		The Lizard	315	75	60	1	2	10	102	275	275	88	2	11.9	190	38	1	01	58	1	0140
NORTHERN IRELAND																					
	Londonderry	Ballykelly	52	50	35	-	0	5	22	227	274	221	0	7.9	280	27	28	04	53	31	0300
	Antrim	Aldergrove	281	65	55	-	0	6	36	284	347	77	0	10.3	250	28	30	14	48	28	1215
		Nutts Corner	344	31	31	-	-	-	-	-	-	-	-	-	310	20	28	14	45	31	0400
CHANNEL ISLES																					
	Jersey	Jersey Airport	359	86	50	-	0	9	68	375	270	31	0	12.4	280	29	31	02	52	30	2000

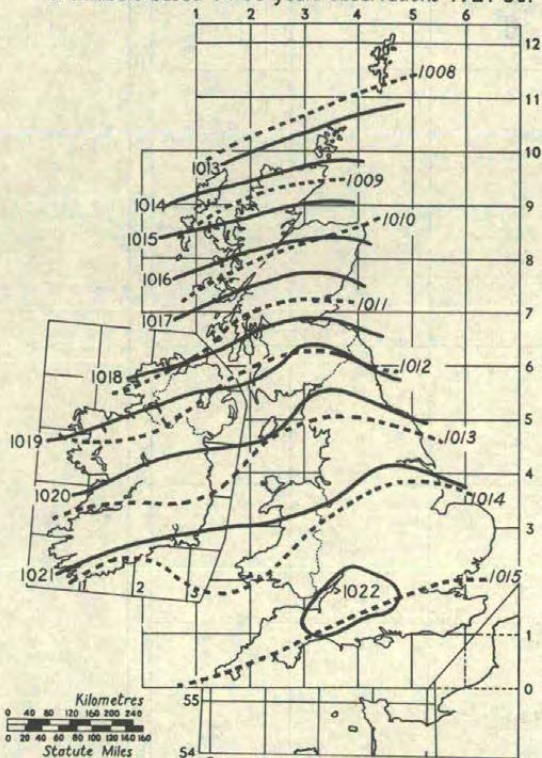


# MONTHLY WEATHER CHARTS

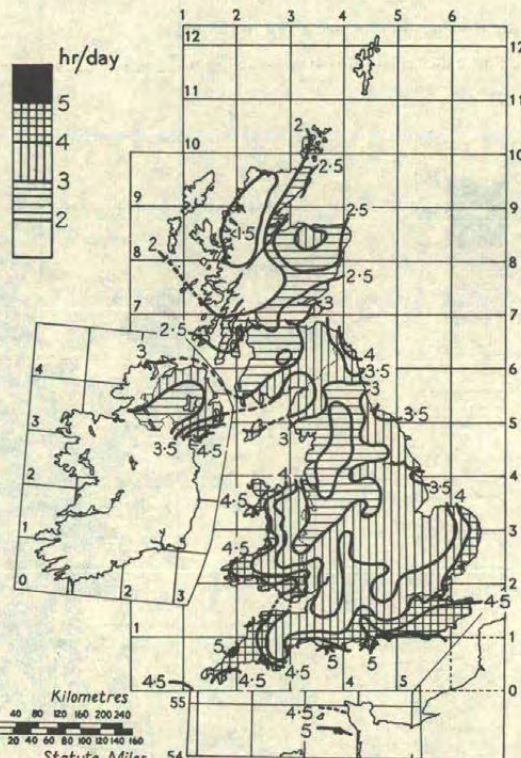
## OCTOBER 1962

### 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.



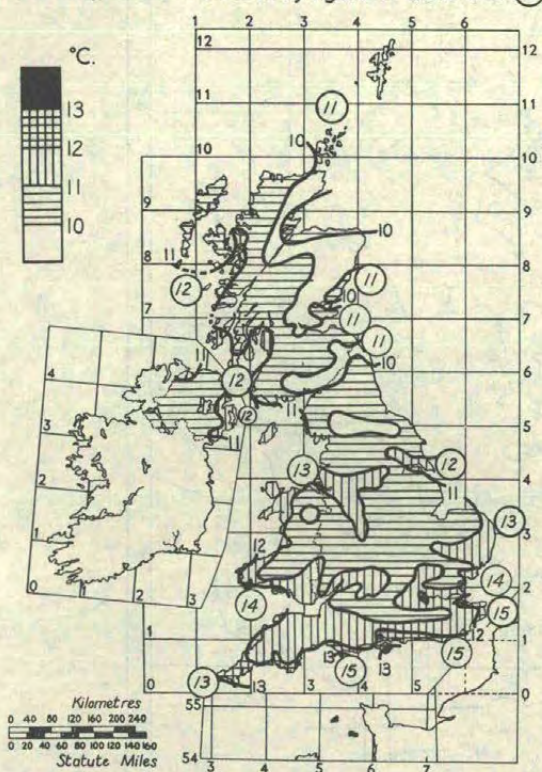
### BRIGHT SUNSHINE



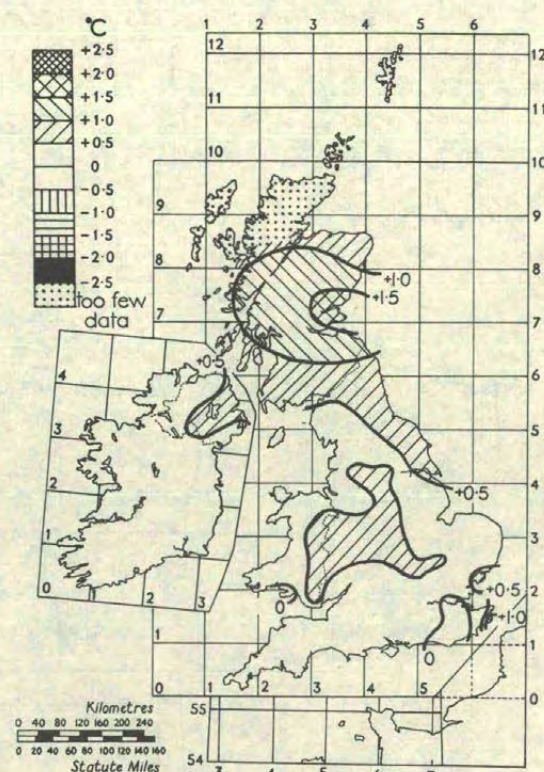
### MEAN AIR TEMPERATURE

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 OCTOBER 1962

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

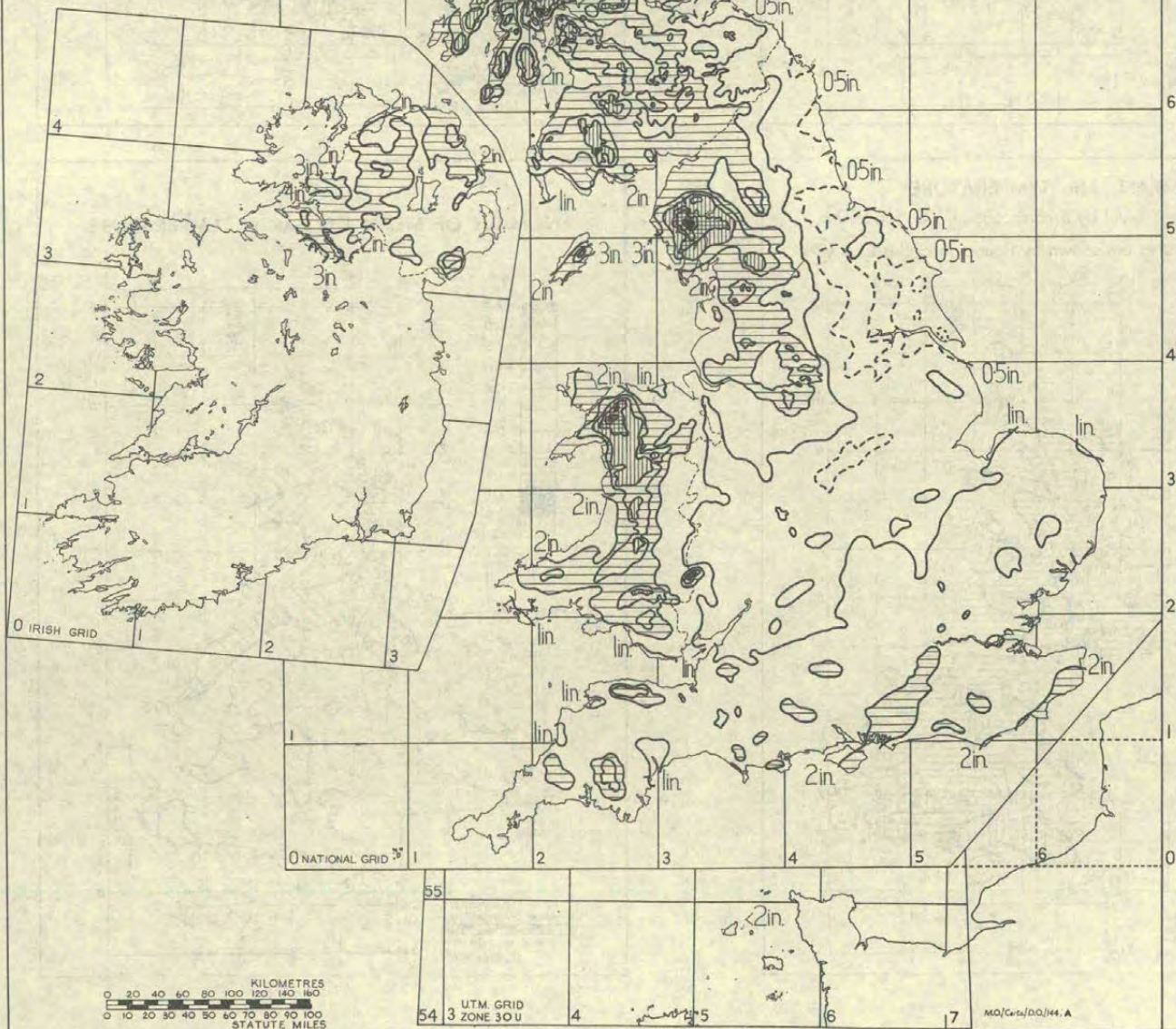
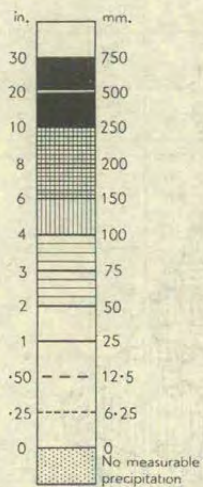




TABLE III — SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER OCTOBER 1962

DISTRICT, COUNTY AND PLACE		Teminal Hours of Observation		Height of Station above Mean Sea Level		AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)				WEATHER Number of days										BRIGHT SUNSHINE					
						Means of		Difference from Average		Highest Maximum and Lowest Minimum						Total Fall		Percentage of Average		Most in a day		Precip'n		Snow or Sleet Snow lying at 9h. Hail Ice or snow pellets etc. Thunder heard Fog at 9h. Air Frost Grass min. O°C Gale											
A	B	Mean Temperature	Mean of A and B	Maximum	Date	Minimum	Date	1 ft.	4 ft.	in.	%	in.	Date	-0.1in. (0.2mm.) or more	-0.4in. (1.0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. O°C	Gale	Daily Mean	Percentage of Average									
Max.	Min.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.	Date	-0.1in. (0.2mm.) or more	-0.4in. (1.0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. O°C	Gale	hr	%							
0 SCOTLAND, N.																																			
Zetland		9 9	70	11.0	7.6	9.3	-	13.3	3.6, 7	0.0	26	-	-	3.89	-	.57	25	19	17	1	1	1	0	0	0	1	-	4	1.76	-					
Orkney		21-9	268	10.3	7.3	8.8	+1.1	13.9	6	-1.4	26	-	-	3.76	85	.53	25	20	17	2	1	1	5	0	2	1	4	4	1.90	86					
Sutherland		9 9	78	10.9	6.7	8.8	-	13.9	2.6, 7	-1.1	26	8.9	-	4.12	86	.51	27	22	18	4	0	2	0	0	0	1	-	3	1.71	-					
Ross & Cromarty		9 9	43	11.6	9.4	10.5	-	14.5	8	1.5	26	-	-	3.48	-	.52	30	22	14	1	0	0	0	0	0	0	0	0	-	-					
Inverness		9 9	75	12.0	7.6	9.8	-	16.1	7	0.0	26	9.9	-	2.94	-	.43	17	23	17	4	0	0	2	1	1	1	1	3	1.03	-					
Glenelg		9 9	115	11.6	7.6	9.6	-	15.6	4	0.0	26	-	-	3.50	-	.45	17, 27	21	20	4	0	2	4	1	1	1	2	6	2.32	-					
Glenelg		21-9	84	11.7	7.8	9.7	-	15.6	6	0.7	26	-	-	2.90	64	.52	17	20	14	4	0	6	0	1	1	0	0	3	2.28	-					
Glenelg		9 9	70	12.9	6.8	9.9	-	17.8	8	0.6	27	-	-	1.88	-	.50	27	20	13	1	0	0	1	0	0	0	2	1	-	-					
Glenelg		21-9	119	11.9	7.6	9.7	+1.0	16.3	6	-0.5	26	-	-	1.46	47	.36	27	16	8	1	0	0	5	0	1	1	4	1	2.62	96					
Glenelg		9 9	367	11.5	8.4	9.9	-	18.0	8	0.1	27	-	-	4.13	80	.48	17	22	20	4	0	3	0	0	2	0	3	2	-	-					
Glenelg		9 9	280	-	6.1	-	-	-	-	-0.6	26, 27	9.8	10.2	2.29	49	.68	27	17	8	2	1	1	0	0	1	3	15	0	-	-					
Glenelg		9 9	120	12.7	6.9	9.8	-	18.9	8	0.8	26, 27	-	-	2.40	50	.69	27	19	14	4	0	0	2	0	0	0	0	1.64	-	5					
Glenelg		21-9	11	12.4	7.9	10.1	+1.2	16.5	8	0.1	29	-	-	3.45	79	.54	29	20	17	1	0	1	6	2	0	0	3	4	1.85	75					
Glenelg		9 9	2	13.9	8.8	11.3	-	20.6	8, 9	2.2	31	-	-	5.35	-	.61	26	21	19	1	0	0	-	-	0	0	-	-	-	-					
Glenelg		9 9	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
Glenelg		9 9	220	13.0	6.6	9.8	+1.4	(20.6)	8	-0.6	26	-	-	8.58	94	1.38	30	23	21	2	1	1	0	1	1	4	-	2	-	-					
Glenelg		9 9	76	13.6	7.8	10.7	-	21.1	8	0.0	26, 27	10.7	-	7.35	-	1.20	27	22	20	2	0	0	0	1	1	2	5	0	0.95	-	5				
Glenelg		9 9	690	12.1	5.1	8.6	-	18.9	8	-2.2	28	-	-	4.23	-	.69	30	19	15	-	-	-	-	-	0	3	11	-	1.28	-					
Glenelg		9 9	15	12.7	8.9	10.8	+1.7	18.3	8	0.0	26	-	-	.92	33	.36	27	7	4	2	0	0	0	0	0	1	-	0	2.40	83					
Glenelg		21-9	60	12.8	8.2	10.5	-	16.5	4	0.5	26	-	-	.68	-	.14	17	11	6	0	0	0	0	0	0	0	0	-	-	-					
Glenelg		21-9	19	12.5	8.9	10.7	-	14.8	8	0.6	26	-	-	3.82	75	.54	29	19	17	1	0	0	5	1	0	0	2	4	1.61	-					
Glenelg		9 9	15	13.1	8.7	10.9	-	17.2	8	1.7	29	11.4	11.9	8.62	-	1.20	4	24	17	0	0	2	3	3	0	0	6	8	-	-					
Glenelg		9 9	220	12.3	7.9	10.1	-	16.7	8	0.6	26, 28	-	-	7.19	-	.82	29	24	20	1	0	0	6	1	0	0	3	2	1.65	-					
Glenelg		9 9	294	12.1	8.4	10.3	-	16.1	8	1.7	26	-	-	4.10	68	.53	29	22	17	0	0	7	0	2	1	0	0	9	1.39	-	5				
Glenelg		9 9	48	12.8	8.1	10.5	+1.1	17.8	8	0.0	26	-	-	7.78	85	1.10	17	21	19	0	0	1	0	2	0	1	7	2	1.63	78	5				
Glenelg		9 9	27	13.3	7.7	10.5	-	18.3	8	0.0	26	10.5	11.3	3.98	-	.55	27	21	18	0	0	0	3	5	0	1	4	2	1.49	-	5				
Glenelg		9 9	70	12.4	7.1	9.7	+1.2	20.0	8	0.0	26, 27	-	-	3.71	-	.73	27	17	14	0	0	1	0	2	1	2	-	0	1.51	-					
Glenelg		9 9	350	12.6	5.7	9.1	-	18.3	8	-1.7	26	-	-	3.76	71	.87	27	17	13	3	0	0	0	2	0	4	11	0	-	-					
Glenelg		18-9	1176	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Glenelg		9 9	13	13.3	7.8	10.5	-	20.0	8	-1.1	27	-	-	.79	-	.36	30	6	4	0	0	0	0	0	0	1	3	0	2.49	-					
Glenelg		9 9	1000	11.8	5.7	8.7	-	19.4	8	-2.8	26	-	-	1.46	-	.53	27	11	9	-	-	-	-	-	3	11	-	-	-	-					
Glenelg		9 9	1120	12.0	5.3	8.7	-	20.4	8	-2.9	26	-	-	2.16	-	.64	27	10	8	6	1	0	1	0	0	4	12	1	2.91	-	5				
1 SCOTLAND, E.																																			
Nairn		9 9	20	13.5	7.6	10.5	+1.6	19.4	8	1.1	27	-	-	.81	30	.28	30	9	4	0	0	0	0	0	0	0	10	0	2.03	93					
Moray		9 9	720	12.7	4.2	8.5	-	20.0	8	-3.3	27	-	-	1.68	-	.50	27	10	7	-	0	0	-	-	-	0	6	11	-	-					
Moray		9 9	155	13.3	7.2	10.3	-	18.9	8	-1.1	27	10.2	10.7	.71	26	.21	30	11	7	0	0	0	0	0	0	1	3	0	2.65	-					
Moray		21-9	15	13.6	7.8	10.7	-	20.8	8	0.1	29	10.3	-	.53	-	.16	30	11	5	5	0	0	1	0	0	0	4	1	2.65	-					
Moray		9 9	92	14.2	7.3	10.7	-	21.1	8	0.6	27	-	-	.50	-	.14	30	11	5	0	0	1	0	0	0	0	2	0	3.13	-					
Moray		9 9	21	13.6	6.6	10.1	-	20.6	8	-0.6	27	-	-	.73	-	.15	25, 27	10	6	1	0	2	0	0	0	1	2	-	-	-					
Moray		9 9	104	13.7	7.0	10.3	+1.5	21.7	8	0.6	26	-	-	.63	20	.20	30	10	5	1	0	1	0	0	-	0	-	3.00	101						
Moray		9 9	80	13.3	7.0	10.1	-	17.8	5, 6	0.6	26	-	-	.84	-	.17	31	14	8	1	0	3	0	0	1	0	0	3	2.79	-					
Moray		9 9	1113	11.4	5.3	8.3	+1.6	17.2	8	-3.3	27	-	-	1.67	40	(.56)	27	11	8	-	0	-	-	-	0	4	-	-	-	-					
Moray		9 9	927	11.9	4.6	8.3	+1.5	18.3	8	-3.3	27	-	-	1.20	32	.40	27	16	6	1	1	0	0	0	-	5	10	-	-	-					
Moray		9 9	608	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Moray		9 9	405	-	-	-	-	-	-	-	-	-	-	1.09	-	.23	28	17	10	-	-	-	-	-	-	-	-	-	-	-					
Moray		9 9	218	13.1	6.0	9.5	-	17.2	3, 5	0.0	13, 30	-	-	.84	-	.20	25	15	8	-	0	-	-	-	-	2	10	-	2.47	-	5				
Moray		9 9	300	12.4	6.4	9.4	+1.1	17.2	5	-0.6	27	10.0	10.3	.66	18	.10	10, 30	17	7	2	0	0	0	0	1	1	6	2	2.89	88					
Moray		21-9	190	12.8	6.0	9.4	-	17.7	5	-0.7	27	-	-	.71	19	.13	30	13	7	2	0	1	1	0	0	3	8	0	2.81	-					
Moray		9 9	170	12.7	6.7	9.7	-	17.2	5	-1.1	27	-	-	.44	13	.11	10	10	5	1	0	0	0	0	0	1	6	1	2.79	-					
Moray		9 9	352	12.6	6.0	9.3	-	17.2	5	-0.6	27	-	-	.64	-	.14	30	15	6	1	0	0	0	0	1	2	8	0	2.56	-					
Moray		21-9	85	12.2	7.6	9.9	-	16.8	3	1.0	27	-	-	1.29	43	.44	28	15	12	1	0	0	0	0	0	1	2	3	2.42	-	5				
Moray		9 9	560	11.9	6.0	8.9	-	17.2	18	-2.2	27	-	-	.74	-	.18	29	12	6	1	0	0	0	0	1	5	14	2	2.42	-	5				
Moray		9 9	400	12.7	5.4	9.1	-	17.2	5, 17	-2.2	27	-	-	.74	-	.15	1	10	7	0	0	2	0	0	4	7	12	0	-	-					
Moray		9 9	12	13.0	6.4	9.7	-	17.8	5	-0.6	27	-	-	.57	18	.22	29	11	6	-	0	-	-	-	2	1	-	-	2.46	-	5				
Moray		9 9	210	12.3	6.9	9.6	-	17.8	5	0.0	27	-	-	.34	-	.18	29	7	2	0	0	0	0	0	1	1	7	0	-	-					
Moray		9 9	100	12.9	6.7	9.8	-	16.7	6, 18	-2.8	27	10.1	10.9	.59	-	.18	27	11	4	0	0	0	0	0	1	3	6	0	2.64	-					
Moray		9 9	760</																																



TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER OCTOBER 1962

DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)		WEATHER Number of days												BRIGHT SUNSHINE			
			Means of		Difference from Average	Highest Maximum and Lowest Minimum				1 ft.	4 ft.	Total Fall	Percentage of Average	Most in a day	Precip'n	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. O.C. or less	Gale	Daily Mean	Percentage of Average				
			A	B		Maximum	Date	Minimum	Date																					
			Max.	Min.		Max.	Min.	Max.	Min.																		Max.	Min.		
G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.												hr	%				
1 SCOTLAND, E.—cont.																														
Midlothian	Balerno ...	9 9	700	12.4	5.7	9.1	-	17.8	8	-3.3	27	-	-	1.60	-	.44	27	8	7	1	0	0	0	-	4	5	1	2.90	-	
	Midcalder ...	9 9	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Turnhouse ...	21-9	114	13.3	6.6	9.9	-	18.2	6	-2.0	29	-	-	.89	32	.31	27	12	6	0	0	0	0	4	3	9	0	3.03	-	
	Edinburgh—																													
	East Craigs ...	9 9	200	13.1	6.7	9.9	-	17.8	6	-1.1	27	-	-	1.04	-	.34	27	12	8	0	0	0	0	4	2	4	0	3.08	-	
	Davidson's Mains	9 9	200	13.0	7.1	10.1	-	17.8	6	-0.6	27	10.2	-	.92	-	.30	27	13	7	0	0	0	0	4	1	3	0	3.10	-	
	Penicuik ...	9 9	620	12.6	5.5	9.1	-	20.0	8	-2.8	27	9.9	-	2.08	-	.67	27	12	10	1	0	0	0	2	3	8	0	2.74	-	
	Bush House ...	9 9	605	12.7	5.8	9.3	-	19.4	8	-2.2	27	9.9	10.8	1.84	-	.54	27	15	9	1	0	0	0	4	2	7	0	3.15	-	
	Edinburgh—																													
	Blackford Hill	9 9	441	13.1	7.6	10.3	+1.2	20.0	8	1.1	27, 29	-	-	.92	33	.24	27	13	9	0	0	0	0	4	0	4	2	3.27	102	
	Liberton ...	9 9	200	13.2	6.9	10.1	-	20.0	8	-0.6	27	-	-	.94	-	.30	27	10	8	0	0	0	0	2	1	4	0	3.26	-	
	Botanic Garden	9 9	74	13.3	7.2	10.3	-	17.8	8	-1.1	27	10.3	-	.95	-	.35	27	13	7	0	0	0	0	0	2	2	7	1	3.23	-
E. Lothian	Haddington ...	9 9	162	13.4	6.7	10.1	-	18.9	8	-1.1	27	-	-	.78	-	.13	27	12	8	0	0	0	0	2	1	5	0	2.86	-	
	North Berwick ...	9 9	51	13.8	7.4	10.6	+1.3	17.8	4	0.0	27	-	-	.83	31	.19	4	13	8	0	0	0	0	3	1	-	0	2.70	96	
	Dunbar ...	9 9	75	13.4	7.9	10.7	-	17.2	6	0.6	27	-	-	.38	-	.09	27	9	6	0	0	0	0	1	0	2	0	3.94	-	
Berwick	Lauder ...	9 9	600	12.8	4.5	8.7	-	16.7	6, 8	-4.4	27	-	-	1.49	-	.44	27	13	8	1	0	0	0	0	3	12	0	3.35	-	
	Marchmont	9 9	498	12.7	5.7	9.2	+0.8	18.3	8	-1.1	27	-	-	.90	28	.25	29	13	7	2	0	0	0	0	3	2	-	1	3.05	122
	St. Abb's Head ...	9 9	245	12.7	8.0	10.3	-	17.5	6	1.9	27	-	-	.75	-	.18	27	11	6	0	0	0	0	0	3	0	0	-	-	-
Peebles	Broughton ...	9 9	741	12.5	5.7	9.1	-	18.9	8	-4.4	27	-	-	2.36	-	.58	27	11	11	0	0	3	0	1	0	4	6	0	-	-
	Blyth Bridge ...	9 9	830	11.9	5.8	8.9	-	19.4	8	-2.8	27	-	-	2.13	-	.63	29	12	7	1	0	0	2	0	3	4	7	0	2.70	-
	West Linton ...	9 9	800	12.2	5.3	8.7	-	20.0	8	-3.9	27	9.2	10.5	2.60	-	.89	27	15	9	1	0	2	0	1	4	6	0	-	-	
	Peebles ...	9 9	645	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Peebles (Glenstress)	9 9	580	13.1	4.8	8.9	-	20.0	8	-6.1	29	-	-	1.52	-	.50	27	10	6	0	0	1	0	1	4	4	-	0	-	-
	Selkirk (Bowhill)	9 9	600	12.5	5.2	8.9	-	17.2	5	-3.3	27	-	-	1.50	-	.47	30	12	7	0	0	1	0	0	7	3	-	0	-	-
Roxburgh	Hawick (Wauchope)	9 9	560	12.8	5.1	8.9	-	18.3	8	-3.9	27	-	-	.76	-	.27	27	7	5	-	-	-	-	4	2	-	-	-	-	-
	Sourhope ...	9 9	900	12.3	5.8	9.1	-	16.7	8	-3.9	27	-	-	.88	-	.37	25	10	6	1	0	0	0	1	2	4	1	3.40	-	-
6a SCOTLAND, W.																														
Argyll	Tiree ...	21-9	29	12.8	9.2	11.0	+0.8	15.1	20	3.1	29	-	-	3.00	59	.60	29	17	14	0	0	0	6	0	0	0	1	5	2.11	78
	Rhuvaal ...	21-9	65	13.0	9.3	11.1	-	15.8	6	1.0	13	-	-	3.12	-	.83	31	16	13	1	0	3	0	0	0	0	0	-	-	-
	Colonsay ...	9 9	87	13.1	7.7	10.4	-	16.1	8	1.7	26	-	-	.53	50	.27	20	14	0	-	3	0	0	0	0	0	-	7	-	-
	Campbeltown ...	9 9	10	13.4	9.1	11.3	-	15.6	2, 6	1.1	26	-	-	2.75	-	.76	31	13	9	-	-	-	-	-	-	-	-	2.48	-	
	Tarbert (Achlaglach)	9 9	40	13.4	7.3	10.3	-	17.8	8, 9	-1.7	26	-	-	3.59	-	.80	30	18	16	0	0	1	0	3	0	2	-	0	-	-
	Oban ...	9 9	229	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Lepinmore ...	9 9	30	12.9	8.6	10.7	-	17.8	8	-0.6	26	-	-	3.84	-	.73	27	18	13	0	0	3	0	4	0	1	5	0	1.79	-
	Glenbranter ...	9 9	120	12.7	7.3	10.0	+1.3	16.7	8	-1.1	26, 27	-	-	5.80	53	.97	27	16	15	-	-	-	-	0	3	3	-	-	-	-
	Benmore (Forestry Sch.)	9 9	46	13.1	7.2	10.1	-	16.1	3, 15	-1.7	26	10.8	11.3	4.81	44	1.15	27	16	16	0	0	2	0	3	0	3	7	0	-	-
	Benmore																													
	(Younger Bot. Gdn.)	9 9	40	13.0	8.1	10.5	-	16.1	3, 5	-0.6	26, 27	-	-	4.71	-	1.15	27	17	15	0	0	0	2	3	0	2	4	0	-	-
Bute	Rothsay	9 9	150	13.2	8.4	10.8	+1.4	17.8	8	0.0	26	11.1	11.4	3.18	48	.74	27	14	11	1	0	2	0	2	1	1	4	3	2.53	105
	Millport ...	9 9	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dunbarton	Helensburgh ...	9 9	293	12.6	7.6	10.1	+1.0	15.6	3, 5, 14	-1.1	26	-	-	2.31	35	.60	27	16	12	0	0	0	0	3	0	4	-	0	-	-
	Cumbarauld ...	9 9	310	12.5	5.8	9.1	-	16.7	3, 4	-1.7	27	-	-	2.31	-	.69	27	12	11	0	0	0	0	1	5	4	7	0	-	-
Stirling	Stirling ...	9 9	151	13.2	6.0	9.6	+0.5	17.2	5, 8, 19	-1.1	29	10.7	11.9	2.08	50	.45	27	15	10	0	0	0	0	4	4	5	0	2.61	-	
	Falkirk ...	9 9	100	13.3	6.2	9.7	-	17.2	8	-2.2	27, 28	-	-	1.34	-	.41	27	13	6	-	-	-	-	-	3	-	0	-	-	-
Renfrew	Greenock ...	9 9	200	12.9	8.8	10.9	+1.3	16.1	3, 5, 6	2.2	27	-	-	2.87	39	.60	29	13	11	0	0	1	0	1	2	0	3	0	2.61	-
	Paisley ...	9 9	106	13.2	8.2	10.7	+1.2	18.9	8	1.7	26, 27	11.1	13.2	2.38	46	.55	27	9	8	0	0	1	0	1	9	0	3	0	2.69	112
	Barrhead ...	9 9	97	13.1	7.4	10.3	-	19.4	8	0.6	26	-	-	3.06	-	.78	1	11	9	0	0	2	0	2	1	0	3	0	-	-
	Renfrew ...	21-9	26	13.3	7.9	10.6	+1.5	19.6	8	-0.8	27	-	-	1.57	33	.43	27	9	8	0	0	2	0	2	2	1	4	0	2.90	122
Lanark	Thorntonhall ...	9 9	453	12.3	7.1	9.7	-	18.9	8	-0.6	27	-	-	2.28	-	.83	27	10	10	0	0	0	0	-	2	5	0	-	-	



TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER OCTOBER 1962

DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)		WEATHER Number of days										BRIGHT SUNSHINE					
			Means of		Mean Temperature Mean of A and B	Difference from Average	Highest Maximum and Lowest Minimum			1 ft.	4 ft.	Total Fall	Percentage of Average	Most in a day		Precip'n -0.01 in. (0.2mm.) or more -0.04 in. (1.0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. O.C. or less	Gale	Daily Mean	Percentage of Average			
			A Max.	B Min.			Maximum	Date	Minimum					Date	Amount													Date		
			Max. Min.	ft.			°C.	°C.	°C.					°C.	°C.													°C.	°C.	°C.
2 ENGLAND, N.E.—cont.																														
Northumb-berland cont.	9 9	270																												
Haydon Bridge ...	9 9	76	13.3	6.1	9.7	+0.4	17.2	5	-1.7	27	-	-	.57	24	.16	29	11	5	0	0	0	2	0	0	2	3	0	4.31	130	
Berwick-on-Tweed	9 9	220	-	5.4	-	-	-	-	-2.2	27	-	-	.31	-	.15	11	4	3	0	0	0	-	-	3	3	8	-	-	-	
Ponteland	9 9	326	12.8	6.4	9.6	+0.8	16.7	6	-0.6	27, 29	9.9	-	.36	13	.12	29	8	4	0	0	0	0	0	1	2	4	3	3.45	10	
Cockle Park	21-9	138	13.3	6.5	9.9	-	17.3	16	-1.9	27	-	-	.36	-	.10	27	8	3	0	0	0	0	0	1	3	4	1	3.83	-	
Acklington	21-9	95	13.0	8.5	10.7	+0.4	17.5	6	1.1	27	-	-	.54	22	.25	29	6	4	0	0	0	0	0	3	0	2	3	2.83	-	
Tynemouth	9 9	446	13.7	6.2	9.9	+1.0	18.9	5	-2.2	27	-	-	.86	31	.17	1	9	7	0	0	0	0	0	3	2	6	0	-	-	
Durham	9 9	594	13.1	-	-	-	18.9	5	-	-	-	-	.58	21	.20	25	6	5	0	0	0	0	0	6	-	-	0	-	-	
Chopwellwood	9 9	123	13.9	5.1	9.5	+0.2	18.3	17	-3.3	27	-	-	.73	28	.17	25	15	8	0	0	0	1	0	0	2	4	0	3.09	104	
Ushaw College	9 9	336	13.7	6.2	9.9	+0.7	18.3	17	-1.7	27	10.9	11.4	.51	21	.18	25	8	4	-	-	-	-	-	2	3	-	3.20	104		
Houghall	9 9	509	12.7	7.3	10.0	-	15.7	1, 6	0.0	29	-	-	.65	-	.28	25	11	4	-	-	-	-	-	1	2	-	2.96	-		
Durham	21-9	115	13.9	6.3	10.1	-	18.5	15	-3.1	27	-	-	.54	-	.25	29	6	4	0	0	0	0	0	0	2	2	1	3.04	-	
Gateshead	9 9	30	14.0	7.5	10.7	-	18.3	1, 2, 5	-1.1	27	-	-	.30	-	.16	29	6	3	0	0	0	0	0	3	1	1	1	3.35	-	
Middleton St. Gge.	21-9	105	14.2	6.7	10.5	-	19.1	2	-2.4	27	-	-	.28	12	.15	29	6	1	0	0	0	0	0	0	4	2	2	0	2.93	-
Yorks.	9 9	57	14.3	7.4	10.9	+0.8	18.9	1, 2, 5	-0.6	29	10.9	11.9	.48	22	.36	29	8	2	0	0	0	0	0	0	4	2	-	3.05	106	
N. Riding	9 9	313	13.7	6.6	10.1	+0.7	20.6	3	-2.2	27	-	-	.50	13	.27	29	8	4	0	0	0	0	0	0	3	2	3	1	-	-
Ampleforth	9 9	25	14.5	7.6	11.1	-	18.9	1, 2, 5	0.0	27, 29	-	-	.29	13	.12	29	10	2	-	-	-	-	-	0	2	-	-	3.66	-	
Redcar	9 9	135	13.7	7.2	10.5	-	18.3	1, 2	-0.6	27	-	-	.48	20	.17	29	8	4	0	0	0	0	0	0	1	1	-	0	3.84	-
Whitby	9 9	118	14.0	8.2	11.1	+0.4	18.3	1, 2	-0.6	27	11.6	12.6	.59	26	.32	29	8	6	0	0	0	0	0	0	2	1	2	0	3.34	104
Scarborough	9 9	665	12.6	6.3	9.3	-	17.2	1, 2	-1.7	27	9.9	-	.81	-	.25	29	13	6	0	0	1	0	0	0	6	2	6	0	3.29	-
Silpho Moor	9 9	805	12.4	6.2	9.3	-	17.2	8	-2.2	27	-	-	.83	-	.31	29	12	6	0	0	0	1	0	6	3	-	0	-	-	
Fylingdales Moor	9 9	574	12.7	6.4	9.5	-	17.2	1	-2.2	27	10.7	-	.40	-	.27	29	10	1	0	0	0	0	0	0	5	2	6	0	3.30	-
Yorks.	9 9	8	14.4	7.7	11.1	+0.6	19.4	1	-0.6	27	11.3	11.5	.54	23	.27	29	7	4	0	0	0	0	0	0	3	1	2	1	3.21	105
E. Riding	21-9	24	14.2	7.2	10.7	-	19.1	5	-0.6	27	-	-	.50	-	.29	29	7	3	0	0	0	0	0	0	4	1	2	0	3.29	-
Hull	9 9	122	13.1	6.5	9.8	-	17.8	1	-1.7	27	-	-	.37	-	.22	29	8	2	0	0	0	0	0	0	4	1	3	0	3.21	-
Leconfield	9 9	157	13.3	6.8	10.1	-	18.3	1	-1.7	27	-	-	.35	-	.23	29	8	1	0	0	0	0	0	0	4	2	6	2	3.26	-
Lincoln	21-9	29	13.5	9.1	11.3	+0.3	18.6	5	3.0	27	-	-	.39	-	.15	29	6	3	0	0	0	0	0	0	5	0	-	0	3.30	96
Spurn Head	9 9	110	14.2	5.7	9.9	-	18.9	1, 8	-1.7	29	-	-	.63	-	.26	29	7	5	0	0	0	0	0	0	6	2	-	0	-	-
Gainsborough	21-9	224	13.7	7.1	10.4	-	18.5	1	-0.8	27	-	-	.63	-	.38	29	7	3	0	0	0	0	0	0	9	1	2	0	3.29	-
Waddington	9 9	22	14.2	5.3	9.7	-	19.4	1	-5.6	29	11.4	11.9	.68	-	.43	29	7	4	0	0	0	0	0	0	9	2	8	0	3.05	-
Lincoln	9 9	205	13.8	6.7	10.3	+0.4	17.9	8	-1.1	27	11.7	13.4	.73	34	.29	25	9	4	0	0	0	0	0	0	5	2	3	0	3.46	101
Cranwell	9 9	23	-	7.7	-	-	-	-	0.0	27	-	-	.39	13	.18	29	5	3	0	0	0	0	0	0	5	1	2	0	3.61	103
Cleethorpes	21-9	55	14.0	7.1	10.5	-	18.3	15	-1.6	27	-	-	.76	-	.35	29	8	3	0	0	0	0	0	0	5	1	2	0	3.25	-
Manby	9 9	15	13.9	7.4	10.7	+0.3	18.3	5	-1.1	28	-	-	.90	45	.33	29	6	5	0	0	0	0	0	0	3	2	4	0	3.23	92
Skegness																														
3 ENGLAND, E.																														
Norfolk	9 9	13	14.4	6.6	10.5	-	18.9	8	-0.6	27	11.2	-	.87	46	.28	29	6	5	0	0	0	0	0	0	6	1	4	0	3.24	-
Terrington	21-9	76	14.5	6.8	10.7	-	19.3	8	-1.5	27	-	-	.99	-	.31	29	11	4	0	0	0	0	0	0	7	1	3	0	-	-
St. Clement	9 9	80	15.0	4.3	9.7	-	20.0	9	-3.9	29	11.0	11.6	1.33	-	.42	25	6	4	-	-	-	-	-	-	8	5	13	-	-	-
Marham	21-9	250	13.8	7.0	10.4	-	18.7	9	-0.6	27	-	-	1.16	-	.35	25	10	4	0	0	1	0	0	0	5	1	4	0	3.19	-
Santon Downham	9 9	178	13.9	8.3	11.1	+0.1	20.0	2, 9	2.2	31	-	-	1.19	47	.41	26	8	6	-	-	-	-	-	-	1	0	1	-	4.06	110
West Raynham	9 9	93	14.7	6.8	10.7	+0.3	21.1	2	0.0	23	11.5	-	1.15	45	.41	25	8	4	0	0	0	0	0	0	2	1	9	0	3.63	102
Cromer	9 9	89	14.6	7.3	10.9	-	21.1	2	1.7	23, 27	-	-	1.13	46	.40	25	6	4	0	0	0	0	0	0	2	0	3	0	4.00	-
Suffolk	21-9	12	14.3	8.6	11.5	+0.2	18.2	17	2.4	29	12.2	12.9	.53	26	.50	26	6	5	0	0	0	0	0	0	2	0	1	1	4.21	116
Mildenhall	21-9	15	15.1	7.1	11.1	-	20.3	9	-0.7	27	-	-	1.25	65	.48	25	10	4	0	0	0	0	0	0	8	1	4	0	3.33	-
East Bergholt	9 9	14	15.7	5.9	10.8	-	22.2	2	-0.6	27	-	-	1.29	-	.60	25	8	4	0	0	0	0	0	0	2	2	-	0	-	-
Wattisham	21-9	292	14.5	6.8	10.7	-	20.4	2	-0.6	27	-	-	1.07	-	.43	26	8	4	0	0	0	0	0	0	3	1	7	0	-	-
Lowestoft	9 9	82	14.6	7.8	11.2	+0.3	21.1	2	1.7	27, 29	12.1	12.7	1.41	61	.76	26	5	4	0	0	0	0	0	0	2	0	4	0	4.23	113
Cambridge	9 9	157	14.7	6.5	10.6	-	19.4	8	-1.1	27	-	-	1.31	68	.48	25	8	6	0	0	0	0	0	0	5	2	6	0	3.44	-
Boxworth	9 9	41	15.1	6.4	10.7	+0.5	20.0	8	-1.7	27	11.9	13.0	1.13	56	.51	25	8	5	0	0	0	0	0	0	7	2	7	-	-	-
Cambridge Bot. Gdn.	9 9	85	14.9	6.5	10.7	-	19.4	8	-1.1	27	-	-	1.28	67	.48	25	9	5	0	0	0	0	0							



TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER OCTOBER 1962

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)		WEATHER Number of days										BRIGHT SUNSHINE							
				Means of				Highest Maximum and Lowest Minimum						Total Fall	Percentage of Average	Most in a day		Precip'n -0.1 in. (0.2 mm.) or more -0.01 in. (0.1 mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost or less	Gale	Daily Mean	Percentage of Average					
				A Max.	B Min.	Mean Temperature Mean of A and B	Difference from Average	Maximum	Date	Minimum	Date	1 ft.	4 ft.			Amount	Date																
				Max. Min.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.											hr	%					
4 MIDLAND COUNTIES—cont.																																	
Yorks.	Ilkley	9 9	315	13.3	7.1	10.2	+0.9	17.8	1, 16	-2.2	27	-	-	1.27	34	.46	30	7	5	0	0	0	0	0	0	3	2	-	0	2.29	85		
	W. Riding—Sheffield	9 9	429	13.9	7.4	10.7	+0.6	18.3	1, 6, 17	-1.1	27	11.3	12.1	1.26	42	.45	27	9	6	0	0	0	0	0	0	-	1	10	0	2.77	103		
cont.	Wakefield	9 9	121	14.2	7.2	10.7	+0.6	18.9	16	-1.7	27	10.8	11.5	.56	23	.20	30	5	4	0	0	0	0	0	0	1	6	2	5	0	-	-	
	Pontefract	9 9	255	13.8	7.3	10.5	+0.7	18.3	1	-1.7	27	-	-	.56	26	.25	29	10	3	0	0	0	0	0	0	11	1	1	0	-	-		
Derby	Bramham	9 9	177	13.7	6.8	10.3	-	18.3	1, 2, 16	-1.7	27	-	-	.75	-	.32	29	6	4	0	0	0	0	0	0	0	4	2	2	0	2.93	-	
	Cawood	9 9	20	14.1	5.9	10.0	-	18.3	1	-1.7	27, 29	10.6	11.8	.45	20	.21	29	4	3	0	0	0	0	0	0	5	2	2	0	2.81	-		
	Askham Bryan	9 9	110	14.2	6.8	10.5	-	18.9	1, 2	-1.1	29	-	-	.54	23	.30	29	9	3	0	0	0	0	0	0	7	2	2	0	2.91	-		
	Buxton	9 9	1007	11.4	5.7	8.5	+0.2	15.6	1	-3.3	27	9.5	10.8	2.92	59	.88	29	12	8	0	0	0	0	0	0	12	2	4	0	-	-		
	Chapel en le Frith	9 9	732	12.7	5.7	9.2	-	17.2	1	0.0	29, 30	-	-	2.46	-	.63	27	8	7	0	0	0	0	0	1	4	2	10	0	-	-		
	Mackworth	9 9	293	13.8	5.8	9.8	-	18.3	1, 2	-3.3	27	-	-	.81	-	.42	29	9	4	0	0	0	0	0	0	7	2	8	0	-	-		
	Belper	9 9	203	...	...	...	-	18.9	1	-3.3	27	-	-	-	-	.48	29	-	-	0	0	0	0	0	0	-	-	-	-	-	-		
	Derby	9 9	159	14.3	6.3	10.3	-	18.9	1, 2, 8	-2.2	27	-	-	.75	-	.43	29	9	3	0	0	0	0	0	0	9	2	2	0	2.75	-		
	Morley	9 9	350	13.6	5.9	9.7	-	17.8	1, 2	-2.8	27	-	-	.75	-	.31	29	10	4	0	0	0	0	0	0	-	2	11	0	3.06	-	-	
	Chesterfield	9 9	298	...	...	...	-	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nottingham	Sutton Bonington	9 9	157	14.1	5.8	9.9	+0.1	18.3	1, 2	-2.8	27	11.4	12.3	.38	18	.20	29	6	4	0	0	0	0	0	0	7	2	13	0	2.91	94		
	Wattall	21-9	385	13.9	6.6	10.3	-	18.8	8	-2.0	27	-	-	.87	34	.31	29	10	5	0	0	0	0	0	0	11	1	10	0	2.77	-	-	
Leicester	Mansfield	9 9	362	13.3	6.8	10.1	+0.4	17.8	1	-1.1	27	10.7	-	.96	36	.34	29	10	4	0	0	0	0	0	0	7	1	4	0	-	-	-	
	Nottingham	9 9	192	14.4	6.7	10.5	+0.3	18.9	1	-1.7	27	10.8	12.2	.59	26	.27	29	6	5	0	0	0	0	0	0	9	1	2	0	2.58	88		
	Warsop (Gleadthorpe)	9 9	150	14.2	4.8	9.5	-	13.3	1	-3.9	29	-	-	.63	29	.25	29	9	4	0	0	0	0	0	0	9	2	14	0	2.86	-		
	Finningley	21-9	34	14.4	6.8	10.6	-	18.9	1	-2.2	27	-	-	.46	-	.19	27	7	3	0	0	0	0	0	0	9	1	3	0	2.96	-	-	
	Newtown Linford	9 9	392	14.0	5.5	9.8	-	18.3	8	-2.2	27	-	-	.68	-	.31	29	6	6	0	0	0	0	0	0	4	1	10	0	3.45	-		
	Caldecott	9 9	175	14.4	...	...	-	18.3	2, 5, 7	-4.4	27	-	-	.63	-	.23	29	7	4	-	-	-	-	-	-	7	4	8	-	3.18	-		
	Raunds	9 9	193	14.3	6.1	10.2	-	18.3	7, 8, 17	-2.2	27	11.6	12.4	1.13	55	.40	29	9	5	0	0	0	0	0	0	8	2	4	0	-	-		
	Wittering	21-9	212	14.0	7.0	10.5	-	18.9	8	-1.7	27	-	-	.76	-	.24	29	8	5	0	0	0	0	0	0	5	2	3	0	3.37	-		
	Birmingham K.E.S.	9 9	450	...	...	...	-	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Warwick	Birmingham	21-9	536	13.6	8.0	10.8	+0.8	18.6	5	-0.4	27	10.7	11.5	.66	23	.20	29	8	4	0	0	0	0	0	0	7	1	1	0	3.57	123	-
Luddington		9 9	138	14.5	...	...	-	18.9	1, 2	-2.2	27	-	-	.87	38	.43	29	7	6	0	0	0	0	0	0	5	2	7	0	3.35	-	-	
Oxford	Stratford on Avon	9 9	160	14.6	5.3	9.9	-	20.0	2, 5	-3.9	27	12.0	-	.99	-	.55	29	8	5	0	0	0	0	0	0	1	0	6	2	7	0	3.34	-
	Birmingham Airport	21-9	319	13.9	5.9	9.9	-	18.1	1	-2.8	27	-	-	.65	26	.22	29	7	5	0	0	0	0	0	0	8	3	9	0	3.30	-	-	
	Shipston on Stour	9 9	365	14.0	5.5	9.7	-	18.3	8	-2.2	27	11.4	-	.79	-	.27	29	9	5	0	0	0	0	0	0	6	2	11	-	3.46	-	-	
	Wellesbourne	9 9	153	14.2	5.4	9.8	-	18.3	1, 8	-2.8	27	11.6	12.5	1.01	43	.56	29	10	5	0	0	0	0	0	0	7	2	8	0	3.25	-	-	
	Moreton Morrell	9 9	280	14.2	6.0	10.1	-	18.9	5	-2.2	27	-	-	.90	-	.47	29	9	5	0	0	0	0	0	0	7	1	9	1	-	-	-	
	Coventry	9 9	338	...	...	...	-	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Rugby	9 9	385	13.7	6.5	10.1	-	17.8	2, 4	-2.8	27	10.6	12.4	.75	-	.23	25	7	3	0	0	0	0	0	0	-	1	4	0	-	-	-	
	Oxford	9 9	208	14.8	6.8	10.8	+0.4	19.4	5, 8	-0.6	27	11.7	12.9	1.16	46	.47	25	9	5	0	0	0	0	0	0	9	1	5	0	3.51	105	-	
	Buckingham	Aylesbury	9 9	316	14.4	5.3	9.9	-	19.4	10	-1.7	27	-	-	1.21	-	.59	25	8	4	0	0	0	0	0	0	9	2	11	0	3.66	-	-
	Stafford	Keele	9 9	587	13.1	6.7	9.9	-	17.8	1	-1.7	27	10.6	11.6	1.43	44	.54	29	10	6	0	0	0	0	0	0	1	0	4	1	2	0	2.86
Oaken		9 9	409	13.6	5.3	9.5	+0.4	18.3	1	-2.8	27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Shropshire	Stone	9 9	350	...	...	...	-	17.8	1	-2.8	27	-	-	1.18	-	.60	29	8	6	0	0	0	0	0	0	8	1	10	0	2.72	-	-	
	Penkridge	9 9	330	...	...	...	-	-	-	-3.3	27	-	-	.65	-	.27	29	8	5	0	0	0	0	0	0	6	1	6	0	-	-	-	
	Onecote	9 9	1350	10.9	5.6	8.3	-	14.4	1, 6, 8	-2.2	27	9.3	10.1	1.96	-	.74	29	9	9	0	0	0	0	0	0	1	9	2	5	0	2.85	-	
	Oswestry	9 9	570	13.1	...	...	-	17.2	2, 5, 7	-0.6	27	-	-	1.39	-	.53	29	8	7	0	0	0	0	0	0	4	1	5	0	3.19	-	-	
	Church Stretton	9 9	582	...	...	...	-	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Shrewsbury	9 9	184	14.1	6.6	10.3	-	18.9	1	-2.2	27	12.3	13.8	.67	25	.34	29	9	4	0	0	0	0	0	0	6	1	6	0	2.87	-	-	
	Shawbury	21-9	235	13.8	5.9	9.9	-	18.3	1	-3.6	27	-	-	.69	26	.40	29	7	4	0	0	0	0	0	0	6	1	9	0	2.84	-	-	
	Newport	9 9	211	13.9	5.8	9.9																											







TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER OCTOBER 1962

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)			WEATHER Number of days										BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
				Means of		Mean Temperature of A and B	Difference from Average	Highest Maximum and Lowest Minimum						Total Fall	Percentage of Average	Most in a day	Precip'n	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. O.C. on 1st	Gale	Daily Mean	Percentage of Average																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
				A	B			Maximum	Date	Minimum	Date	1 ft.	4 ft.																in.	%	in.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.



TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER OCTOBER 1962

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)				WEATHER (Number of days)										BRIGHT SUNSHINE						
				Means of		Difference from Average	Highest Maximum and Lowest Minimum						Total Fall	Per-centage of Average	Most in a day		Precip'n		Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. O.C. or less	Gale	Daily Mean	Per-centage of Average					
				A Max.	B Min.		Maximum	Date	Minimum	Date					1 ft.	4 ft.	Amount	Date												-0.1in.(0.2mm.) or more	-0.01in.(1.0mm.) or more			
				Max. Min.	ft.		°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.													hr	%			
ENGLAND, S.W.																																		
Somerset	Hawkridge (Liscombe)	9 9	1030	12.9	6.3	9.6	-	17.2	10.18	-1.7	27	-	-	2.39	-	.70	29	14	13	0	0	1	1	2	4	1	3	0	-	-				
	Cannington	9 9	95	14.8	7.3	11.1	-	18.9	1.8	-1.1	27	12.2	-	1.14	36	.53	25	7	5	0	0	0	0	1	1	1	5	3	3.48	-				
	Weston-s.-Mare	9 9	28	14.8	7.7	11.3	-	18.9	2,7,8	-1.1	27	-	-	1.23	34	.34	25	9	7	0	0	0	1	1	9	1	-	0	3.55	107				
	Long Ashton	9 9	162	14.5	6.6	10.5	-0.1	18.9	5	-1.7	27	12.3	-	.95	24	.30	25	9	6	0	0	0	0	1	8	1	14	0	3.36	103				
	Bath (City)	9 9	388	14.4	6.4	10.4	-	18.3	5	-1.1	27	-	-	.95	-	.36	25	7	5	0	0	0	0	1	8	1	-	0	-	-	-			
Dorset	Boys' School	9 9	67	15.0	6.4	10.7	-0.1	19.4	5,8,17	-1.7	27	12.3	13.2	.93	29	.34	25	9	6	0	0	0	1	7	1	6	0	3.05	92					
	Portland Bill	21-9	35	15.0	10.9	12.9	+0.3	17.1	2	3.0	27	-	-	1.67	58	.62	1	8	6	0	0	0	0	0	0	0	-	1	-	-	-			
	Weymouth	9 9	16	15.6	9.1	12.3	+0.2	18.9	10,18	1.1	27	-	-	1.76	54	.67	25	6	5	0	0	0	-	1	0	-	-	5.00	134					
	Shaftesbury	9 9	680	13.8	6.8	10.3	+0.2	18.3	10	-1.1	27	-	-	1.51	45	.50	25	7	7	0	0	0	-	7	1	-	-	-	-	-	-			
	Swanage	9 9	37	15.6	8.4	12.0	-	18.9	18	0.6	27	-	14.3	1.79	-	.59	25	9	6	0	0	0	0	2	0	1	0	4.35	-	-	-			
Devon	Poole	9 9	18	15.8	6.9	11.3	-	20.6	10	-1.7	27	-	-	1.54	-	.58	25	7	4	0	0	0	0	2	2	2	-	0	4.42	-	-	-		
	Clawton	9 9	412	-	5.8	-	-	-	-	-1.7	27	-	-	1.86	-	.48	31	10	8	0	0	0	2	6	1	-	-	0	-	-	-	-		
	Hartland Pt.	21-9	298	14.1	10.1	12.1	-	19.0	9	3.4	27	-	-	1.52	-	.41	25	9	7	0	0	0	0	1	0	0	3	5.01	-	-	-	-		
	Plymouth (Mt. Batten)	21-9	87	15.1	8.9	12.0	+0.1	18.3	10	1.1	27	-	-	1.48	39	.39	24	7	7	0	0	3	0	1	0	0	3	0	4.98	136				
	Plymouth (The Hoe)	9 9	119	15.6	8.6	12.1	+0.2	18.9	10	1.7	27	12.5	13.7	1.40	37	.39	24	8	7	0	0	1	0	0	1	0	1	2	4.89	131				
Cornwall	Chivener	21-9	20	15.9	8.1	12.0	-	20.1	10	1.4	27	-	-	.78	-	.21	29	8	5	0	0	0	2	0	2	0	2	0	4.65	-	-	-	-	
	Ilfracombe	9 9	25	-	-	-	-	-	-	-	-	-	-	1.56	36	.40	30	9	7	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Totnes	9 9	120	15.4	6.1	10.7	-	20.6	18	-1.7	27	12.8	13.4	1.64	36	.48	24	9	6	2	0	0	1	0	2	1	13	0	3.73	-	-	-	-	
	Slapton	9 9	104	15.0	9.1	12.0	-	20.0	1	1.1	27	-	-	1.75	-	.66	25	7	6	0	0	0	1	0	0	0	1	0	-	-	-	-	-	
	Newton Abbot	9 9	272	14.8	7.9	11.3	+0.2	19.4	18	-0.6	27	-	-	1.30	34	.36	24	9	6	0	0	0	0	0	2	1	2	0	4.02	112				
Somerset	Paignton	9 9	8	15.4	8.6	12.0	-	18.3	1.2	0.6	27	-	-	1.15	31	.45	25	8	6	0	0	0	0	0	0	0	2	0	4.03	108				
	Torquay	9 9	26	15.2	8.9	12.1	+0.1	18.9	2	1.1	27	-	14.5	1.08	33	.38	25	8	6	0	0	0	2	0	6	0	2	0	4.39	115				
	Teignmouth	9 9	20	15.0	9.1	12.1	+0.2	18.3	1	1.1	27	-	-	.94	29	.25	25	7	6	0	0	0	1	0	1	0	1	0	3.96	106				
	Starcross	9 9	29	15.2	7.2	11.2	-	18.9	18	-0.6	27	12.4	-	.96	-	.30	30	7	5	0	0	0	1	0	5	1	2	0	4.12	-	-	-	-	
	Exeter (Southam)	9 9	160	15.3	6.4	10.9	-	18.9	3,10,18	-1.7	27	-	-	.83	-	.29	25	9	6	0	0	1	0	13	-	-	0	-	-	-	-	-		
Cornwall	Exmouth	9 9	195	14.8	7.5	11.1	-0.1	18.9	18	1.1	27	-	-	1.03	32	.32	30	8	5	0	0	0	1	0	3	0	-	0	4.12	117				
	Exeter	21-9	106	15.4	7.2	11.3	-	19.4	2,18	-1.7	27	-	-	.71	22	.26	30	7	4	0	0	0	3	0	3	1	8	0	4.18	-	-	-	-	
	Sidmouth	9 9	25	15.3	8.3	11.8	+0.3	18.3	10,11,18	0.0	27	-	-	.92	-	.26	25	6	6	-	-	-	-	0	1	1	-	4.64	-	-	-	-		
	St. Mary's, Scilly	21-9	158	15.2	11.2	13.2	+0.6	18.0	5	7.0	31	-	-	1.27	36	.61	25	9	5	0	0	0	1	0	1	0	-	2	4.54	118				
	Penzance	9 9	62	15.7	9.2	12.5	+0.2	18.3	7,10	5.0	27	-	-	1.44	33	.38	29	9	7	0	0	1	1	0	0	1	0	4.83	128					
Somerset	Gulval	9 9	50	15.6	9.4	12.5	+0.5	17.8	7,9	3.9	29	-	-	1.49	36	.42	29	7	6	0	0	-	-	-	1	0	-	-	4.65	124				
	Culdrose	9 9	268	14.7	9.1	11.9	-	18.3	9	2.8	27	-	-	1.14	-	.39	24	8	7	0	0	2	0	0	3	0	2	0	4.39	-	-	-	-	
	Camborne (Rosewarne)	9 9	250	14.7	9.3	12.0	-	17.8	9,10	3.9	27	12.3	13.2	1.32	33	.30	24,30	8	7	0	0	3	0	0	1	0	0	2	4.93	-	-	-	-	
	Lizard	9 9	240	15.0	10.0	12.5	-	16.9	9	4.2	27	-	-	1.22	35	.33	24	9	6	0	0	0	0	1	0	-	0	1	4.26	-	-	-	-	
	Falmouth	9 9	167	14.8	9.2	12.0	-0.2	17.2	1	3.3	27	-	-	1.30	28	.54	27	7	5	0	0	0	0	0	3	0	1	1	4.43	123				
Somerset	Newquay	9 9	176	14.9	8.1	11.5	-0.2	19.4	10	2.8	27	-	-	1.17	31	.27	24	8	6	0	0	0	2	0	-	0	-	0	4.66	128				
	St. Mawgan	21-9	337	14.8	8.6	11.7	-	20.6	10	2.3	27	-	-	1.38	-	.29	24	8	7	0	0	0	3	0	1	0	1	1	5.00	-	-	-	-	
	St. Austell	9 9	310	15.6	8.5	12.1	-	20.0	18	1.1	27	-	-	1.87	37	.46	30	8	8	0	0	1	1	1	2	0	-	0	-	-	-	-	-	
	Fowey	9 9	51	15.9	8.5	12.2	+0.1	19.4	10	2.2	27	-	-	1.54	-	.40	30	8	6	0	0	0	1	1	2	0	-	0	-	-	-	-	-	
	Bude	9 9	50	15.6	7.4	11.5	-0.1	20.6	10	0.6	27	10.7	-	.95	25	.22	25	7	6	0	0	0	-	-	-	0	-	0	4.81	131				
Somerset	Ellbridge	9 9	190	15.7	6.7	11.2	-	20.6	10	-1.1	27	-	-	1.89	-	.49	24	9	7	0	0	2	0	1	0	1	2	0	4.92	-	-	-	-	
NORTHERN IRELAND																																		
Londonderry	Loughmore Forest	9 9	572	12.8	6.6	9.7	-	16.1	6,9	-1.1	27	-	-	1.94	-	.47	30	13	9	0	0	1	0	1	6	1	5	0	-	-	-	-	-	
	Eglinton	9 9	38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Ballykelly	21-9	3	14.0	8.2	11.1	+0.9	18.4	6	2.8	26	-	-	1.40	39	.40	27	8	7	0	0	4	0	1	1	0	0	0	3.30	116	-	-	-	-
	Derrynoyd Forest	9 9	292	13.3	6.4	9.9	-	16.7	5,6	-0.6	27	-	-	2.66	-	.76	27	10	8	1	0	0	0	0	7	1	4	0	-	-	-	-	-	-
	Somerset Forest	9 9	142	13.7	6.9	10.3	-	17.8	6	1.1	27	-	-	3.00	-	.44	27	11	11	0	0	0	0	0	7	0	4	0	-	-	-	-	-	-
Antrim	Garvagh Forest	9 9	292	13.4	6.9	10.1	-	17.2	6	0.6	27	-	-	2.36	-	.63	31	11	9	0	0	0	0	1	1	0	3	0	-	-	-	-	-	-
	Garvagh	9 9	121	13.6	7.1	10.3	+1.1	17.8	6	2.2	16	11.6	-	2.18	49	.64	31	12	8	0	0	3	0	1	1	0	9	0	-	-	-	-	-	-
	Portrush	9 9	18	-	-	-	-	-	-	-	-	-	-	1.81	-	.41	31	12	8	-	-	-	-	-	-	-	-	-	3.40	-	-	-	-	-
	Aldergrove	21-9	217	13.1	7.4	10.3	+0.8	16.9	8	-0.2																								







TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS OCTOBER 1962

[illegible]



TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS OCTOBER 1962

DISTRICT, COUNTY AND PLACE	Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (OKTAS)					VISIBILITY							WIND, NUMBER OF OBSERVATIONS																																																																																																																	
			At Mean Sea Level	Difference from Average	Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	Mean Amount	No. of Observations					NUMBER OF OBSERVATIONS							FORCE (0-12)					DIRECTION																																																																																																											
										0	1	2	3	4	0-44 yd.	45-210 yd.	220-430 yd.	440-1,090 yd.	1,100-2,190 yd.	2,200-4,390 yd.	3-6 mi.	7-12 mi.	13-24 mi.	25 mi. or over	14 or more	Beaufort Force					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.																																																																																																
																										0	1	2	3	4									5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
																										0	1	2	3	4									5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
4 MIDLAND COUNTIES—cont.																																																																																																																																						
Northampton Wittering	H	3 219	1020.8	-	8.3	0.4	10.6	94	5.5	6	4	0	2	11	8	0	6	2	2	4	5	8	2	2	0	0	0	7	21	3	3	2	3	0	4	1	8	7																																																																																																
	H	9 219	1021.6	-	9.6	0.6	11.2	92	5.7	1	6	3	7	10	4	0	3	0	2	4	8	6	7	1	0	0	5	23	3	3	2	5	0	1	4	0	3																																																																																																	
	H	15 219	1020.8	-	13.3	2.1	11.8	76	5.3	2	3	8	11	6	1	0	0	0	1	1	2	11	11	5	0	0	12	19	0	3	4	4	2	2	4	8	4																																																																																																	
	H	21 219	1021.5	-	9.3	0.7	10.8	90	4.0	7	6	4	5	7	2	0	1	1	0	2	7	14	5	1	0	0	5	24	2	2	2	4	2	3	1	8	7																																																																																																	
Warwick Birmingham	H	9 542	1021.6	-	9.7	0.9	10.7	88	6.3	3	6	2	8	9	3	0	0	3	4	6	4	5	8	1	0	0	4	27	0	4	1	5	1	3	4	0	2																																																																																																	
	H	15 542	1020.8	-	13.0	2.5	10.9	72	4.7	2	8	5	13	3	0	0	0	0	0	2	6	12	10	1	0	0	8	23	0	3	0	6	3	5	4	0	2																																																																																																	
	H	21 542	1021.4	-	10.9	2.0	10.6	85	3.9	10	5	3	6	7	0	0	0	0	2	6	4	13	6	0	0	0	6	25	0	3	1	6	2	5	2	5	7																																																																																																	
	H	3 362	1020.5	-	8.1	0.5	10.2	93	5.2	8	1	3	5	7	7	1	3	3	3	5	2	5	5	3	1	0	4	14	13	1	0	4	1	4	1	2	5																																																																																																	
Birmingham Airport*	H	9 362	1021.3	-	9.4	0.8	10.8	90	6.2	1	4	2	11	8	5	0	0	0	1	4	3	8	9	3	0	0	6	17	8	1	2	4	3	5	1	5	2																																																																																																	
	H	15 362	1020.4	-	13.2	2.5	11.1	72	4.9	1	8	4	15	3	0	0	0	0	1	5	19	5	1	0	0	0	9	22	0	5	3	6	2	5	4	3	3																																																																																																	
	H	21 362	1021.2	-	8.9	0.9	10.2	88	3.7	12	3	2	6	8	0	0	0	0	1	4	9	11	3	0	0	0	5	18	8	3	1	5	0	4	2	3	5																																																																																																	
	H	3 249	1020.5	-	8.2	0.5	10.3	93	5.4	7	1	2	8	11	2	0	3	2	3	5	4	6	4	3	1	0	1	3	17	10	2	3	4	0	5	2	5	0																																																																																																
Shropshire Shawbury	H	9 249	1021.4	-	9.4	0.7	10.9	90	6.4	0	3	3	13	9	3	0	1	2	3	2	5	8	4	2	4	1	2	21	7	2	0	5	2	6	2	6	1																																																																																																	
	H	15 249	1020.4	-	13.2	2.4	11.3	74	5.5	3	4	2	11	8	5	0	0	0	4	1	7	9	3	7	0	1	7	22	1	5	1	7	1	4	6	4	2																																																																																																	
	H	21 249	1021.3	-	8.7	0.7	10.3	90	3.8	7	9	2	6	5	2	0	0	0	6	2	4	7	3	8	1	0	4	22	5	1	2	4	2	1	8	4	0																																																																																																	
	H	3 117	1020.9	-	8.0	0.5	10.3	94	4.6	9	2	3	7	6	4	0	4	3	4	3	2	5	4	6	0	0	5	13	13	3	3	1	3	4	1	0	0																																																																																																	
Worcester Pershore ...	H	9 117	1021.8	-	9.3	0.8	10.7	90	5.8	1	5	4	7	11	3	0	4	3	6	4	4	5	3	2	0	0	6	15	10	2	5	4	0	3	6	6	0																																																																																																	
	H	15 117	1020.9	-	13.6	2.3	11.7	75	4.9	1	8	4	15	3	0	0	0	0	1	2	12	7	5	4	0	0	9	18	4	3	4	5	0	3	6	0	0																																																																																																	
	H	21 117	1021.6	-	9.1	0.8	10.5	89	3.6	10	6	1	6	7	1	2	1	0	0	3	4	7	8	4	2	0	0	3	17	11	2	5	2	0	6	3	1	1																																																																																																
	H	9 226	1021.5	+6.7	9.2	0.8	10.6	89	7.1	0	1	3	10	14	3	0	3	2	3	5	2	7	2	7	0	0	0	22	6	3	2	7	0	1	8	4	0																																																																																																	
Hereford Ross-on-Wye	H	15 226	1020.5	-	13.5	2.5	11.3	72	5.2	1	7	4	12	7	0	0	0	0	1	2	13	6	9	0	0	0	4	26	1	3	5	1	3	6	7	0	0																																																																																																	
	H	21 226	1021.4	-	9.4	0.8	10.7	89	3.8	8	2	1	11	1	0	1	3	2	2	3	12	2	6	0	0	0	2	17	12	3	3	2	1	3	3	4	0																																																																																																	
	H	3 197	1021.2	-	8.8	0.8	10.3	90	4.9	8	3	2	12	4	0	4	0	5	4	6	7	4	1	0	0	1	3	16	11	2	7	2	0	3	2	3	1																																																																																																	
	H	9 197	1022.1	-	10.0	1.0	10.9	88	6.6	0	3	3	10	11	4	1	2	5	6	5	2	8	2	0	0	0	5	22	4	3	4	7	1	5	1	6	0																																																																																																	
Gloucester Bristol (Filton)	H	15 197	1021.3	-	13.5	2.6	11.1	72	4.9	3	6	3	15	4	0	0	0	0	1	7	9	8	5	1	0	0	10	18	3	3	7	3	0	3	5	7	0																																																																																																	
	H	21 197	1022.0	-	9.9	1.0	10.6	87	2.7	14	8	1	3	7	0	0	0	0	2	6	7	11	5	0	0	0	2	24	5	3	6	2	1	3	3	8	0																																																																																																	
	H	3 79	1021.1	-	8.7	0.6	10.5	92	4.9	9	1	2	7	8	4	1	2	1	4	5	8	6	0	0	0	0	2	16	13	5	1	0	0	5	5	1	0																																																																																																	
	H	9 79	1022.3	-	10.1	1.0	11.1	88	6.1	2	4	1	11	10	3	2	1	1	10	2	8	2	4	1	0	0	3	21	7	5	2	3	1	3	9	1	0																																																																																																	
Gloucester	H	15 79	1021.0	-	14.2	2.7	11.7	71	4.8	3	6	4	13	5	0	0	0	0	7	10	5	9	0	0	0	0	7	22	2	4	5	0	4	8	3	0	0																																																																																																	
	H	21 79	1021.9	-	9.9	1.0	10.8	87	3.1	13	4	5	2	7	0	0	0	4	1	8	10	7	1	0	0	0	2	23	6	4	2	1	7	5	2	0	0																																																																																																	
	H	3 751	1020.8	-	8.8	0.4	10.8	94	5.0	9	3	0	2	12	5	1	4	0	2	5	4	5	4	3	1	0	9	21	1	4	2	8	1	2	4	7	2																																																																																																	
	H	9 751	1021.8	-	9.1	0.6	10.8	92	6.2	0	5	3	7	9	7	0	6	1	4	4	6	5	3	1	0	0	9	21	1	4	2	8	1	1	5	4	5																																																																																																	
Little Rissington	H	15 751	1020.8	-	12.5	2.1	11.1	76	4.9	3	3	10	9	5	1	0	0	0	1	4	9	10	4	3	0	0	11	17	3	4	2	6	1	1	5	4	5																																																																																																	
	H	21 751	1021.6	-	9.3	0.8	10.5	88	3.9	8	5	6	3	7	2	0	1	0	1	1	3	13	7	5	0	0	6	25	0	5	4	5	2	4	2	2	7																																																																																																	
5 ENGLAND, S.E.																																																																																																																																						
Middlesex London (Heathrow) Airport	H	3 86	1021.0	-	8.8	0.4	10.9	94	4.5	11	0	2	8	7	3	1	5	0	2	5	5	7	6	0	0	0	3	21	7	6	5	1	1	4	2	3	2																																																																																																	
	H	9 86	1021.8	-	10.0	0.7	11.3	91	5.8	2	4	3	9	10	3	0	3	1	4	4	9	4	3	3	0	0	5	24	2	4	4	3	1	4	3	8	2																																																																																																	
	H	15 86	1020.8	-	14.8	2.8	12.1	71	5.0	6	3	11	8	0	0	0	0	0	0	7	12	8	4	0	0	0	12	17	2	6	4	4	0	4	2	6	3																																																																																																	
	H	21 86	1022.2	-	10.8	1.0	11.5	87																																																																																																																														



OCTOBER

1962

**H** See Notes on Tables in the Introduction.



TABLE XIII—SOLAR RADIATION AND INTENSITY OF DAYLIGHT, OCTOBER 1962

STATION	TOTAL RADIATION ON A HORIZONTAL SURFACE mw. hr./cm <sup>2</sup>						DIFFUSE RADIATION ON A HORIZONTAL SURFACE mw. hr./cm <sup>2</sup>						INTEGRATED ILLUMINATION OF A HORIZONTAL SURFACE kilo lux-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	251	2	44	24	105.1	31	146	3	43	24	73.2	31	308	2	53	24	129.7	31
Eskdalemuir	310	8	30	24	141.3	31	144	3	30	24	33.0	31	341	8	34	24	153.1	31
Cambridge	340	4	36	26	166.9	31	158	5	36	26	99.6	31	-	-	-	-	-	-
Kingsway	324	4	37	26	171.4	31	159	5.7	33	26	98.8	22	350	4	42	26	184.0	31
Kew	325	4	34	26	168.6	31	156	1	30	26	96.8	31	361	4	41	26	184.5	31
Aberporth	349	3	49	26	192.4	31	158	1	49	26	109.2	31	-	-	-	-	-	-

TABLE VIII—NUMBER OF DAYS IN OCTOBER 1962 WITH MAXIMUM AND MINIMUM TEMPERATURES BETWEEN GIVEN LIMITS.

STATION	MAXIMUM TEMPERATURE °C.								STATION	MINIMUM TEMPERATURE °C.							
	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° 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	0	10	21	0	0	0	0	Birmingham	0	0	5	15	11	0	0	0
Stornoway	0	0	6	23	2	0	0	0	Kew Observatory	0	0	3	14	14	0	0	0
Craibstone	0	1	6	18	6	0	0	0	Hastings	0	0	0	17	14	0	0	0
Rothsay	0	0	5	20	6	0	0	0	Southampton	0	0	0	8	20	3	0	0
Renfrew	0	0	3	20	8	0	0	0	Stonyhurst	0	0	6	18	7	0	0	0
Eskdalemuir	0	0	7	20	4	0	0	0	Ridston Observatory	0	0	4	23	4	0	0	0
Douglas	0	0	4	27	0	0	0	0	Holyhead (Valley)	0	0	1	18	11	0	0	0
Cockle Park	0	0	7	16	8	0	0	0	Falmouth	0	0	0	16	15	0	0	0
Gorleston	0	0	3	14	14	0	0	0	Aldergrove	0	0	5	19	7	0	0	0
Cambridge	0	0	3	13	15	0	0	0	Armagh	0	0	3	17	11	0	0	0

TABLE III—ADDITIONS AND CORRECTIONS

MONTH	STATION	Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level ft.	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)		WEATHER Number of days										BRIGHT SUNSHINE						
				Means of		Mean Temperature Mean of A and B	Differ- ence from Aver- age	Highest Maximum and Lowest Minimum																								
				A Max.	B Min.			Maximum	Date	Minimum	Date	Total Fall	Per- cent- age of Aver- age	Amount	Date	Precip'n (0.1in (2.5mm) or more	Precip'n (0.1in (1.0mm) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. °C. or less	Gale	Daily Mean	Per- cent- age of Aver- age				
				°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.	in.	%	in.	%	in.	%	in.	%	in.	%	in.	%	in.	%	in.	%	in.	%
1962																																
April	Hayling Island	9 9	13																													
"	Witford Haven	9 9	179																													
"	Lowther Hill	"	2377	5.8		2.2																										
"	Oxford	9 9	208																													
"	Oneote	9 9	1350																													
"	Malvern	9 9	203																													
"	Greenwich	9 9	24																													
"	Chesterfield	9 9	238	11.2	2.8	7.0	-																									
May	Manchester	"	"																													
"	Smokeless Zone	"	"																													
June	Lowther Hill	"	2377	11.1		7.6																										
July	Manchester	"	"																													
"	Smokeless Zone	"	"																													
"	Lowther Hill	"	2377	12.0		8.5																										
"	Birmingham K.E.S.	9 9	450																													
"	Halesowen	9 9	505																													
"	Oaken	9 9	409	19.1	9.9	14.5	-1.2			3.3	7			1.67																		
August	Achnagelchan	9 9	1000	14.8	6.8	10.8	-	18.9	18	0.6	14			4.68	-	1.40	13	26	20	-	-	-	-	-	-	-	-	-	-	-		
"	Glenore Lodge	9 9	1120	14.3	6.8	10.5	-	18.3	18.20	-0.9	14			5.85	-	2.06	16	24	16	0	0	0	0	0	0	0	0	0	0	0	3.47	-
"	Liberton	9 9	200	16.8	10.1	13.5	-	(20.0)	14	3.9	14			3.87	-	1.20	3	23	16	0	0	0	0	0	0	0	0	0	0	0	5.64	-
April	Kilkeel	21 9	59																													
May	"	21 9	59																													
June	"	21 9	59																													
July	"	21 9	59																													
"	Cardiff	9 9	202																													
1961																																
July	Warsop (Gleadthorpe)	9 9	150		9.7																											
September	"	9 9	185		21.0																											
"	Oneote	9 9	1350		15.7																											
Annual	"	9 9	1350		10.2																											
November	Preston Wynne	9 9	274		8.8																											
December	Reading S.T.G.	9 9	141		6.1																											
1962																																
April	Worcecombe	9 9	24	11.0		7.8	-0.3																									

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# Monthly Weather Report

## OF THE METEOROLOGICAL OFFICE

M.O. 722

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

Volume 79 Number 11

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### November 1962 — *A cold spell mid-month; some snow*

Weather was predominantly cyclonic in character until the 24th apart from the period 10th-13th when a ridge of high pressure extended westwards from Scandinavia over the British Isles. An anticyclone covered much of the country during the last six days of the month.

The month opened with strong to gale force winds and widespread rain as the fronts of an intense depression to the north-west of the British Isles moved eastwards across the country. The rain was prolonged and occasionally heavy, especially in south-east England during the evening of the 1st. A large anticyclone covered much of Russia, and the depression, declining in intensity, moved first south-east, reaching southern Ireland about noon on the 2nd, and then northwards, finally filling up near the Shetlands on the night of the 3rd/4th. Thundery showers and scattered thunderstorms, heavy at times with hail on the 2nd, followed the frontal rain, and persisted with decreasing frequency until the 4th in a generally mild southerly air stream; there were some good sunny periods. Another depression moving southward in the eastern Atlantic was centred off western Ireland on the 5th and off the Portuguese coast two days later. Troughs and small disturbances over the southern part of England maintained generally dull weather with occasional rain and light winds backing towards the east.

By the 8th a depression was centred over France, and easterly winds in its circulation extended over the British Isles. Weather over southern England remained mild and dull for another two days, temperatures of 14°C being recorded at Portland Bill on the 8th and at Ventnor on the 9th.

On the 10th, however, a ridge of high pressure extended from southern Scandinavia across the northern part of the British Isles and the easterly airstream became substantially colder. Early morning frosts on the 12th and 13th were followed by generally sunny days, but fronts associated with a low pressure area near northern Scandinavia brought widespread rain on the 14th as they moved southward over the country. Northerly winds from high latitudes followed, and the 15th was bright and cold with sleet and snow showers in the north. During the 16th and 17th a depression from western Scotland moved south-east across the country to northern France. Wind reached gale force in most districts and sleet or snow fell practically everywhere except in the south-west where rain was heavy and prolonged. Level snow was 7 inches deep in parts of Scotland and there were drifts up to 3 ft. deep. Cold northerly winds persisted for another two or three days with widespread frost early, but a depression moving quickly south-east across southern England on the 20th brought rain to the south-west and snow and sleet to south-east England.

The next two days were quiet and rather dull with fog forming in many areas, but on the 23rd frontal rain, with moderate to heavy falls at times, spread across the country in a mild south-westerly airstream. Slight rain persisted in some districts on the 24th, but with pressure rising rapidly the 25th was generally dry except for widespread fog which persisted throughout the day in places.

The remainder of the month was quiet and dull with an anticyclone covering much of the country. Widespread fog, dense in places, also occurred on the 26th, and there were patches of fog on most other days. Weak fronts gave a little rain in Scotland at times but most of the country remained dry.

**Pressure and Wind** — Mean pressure was considerably above average in the north but slightly below in parts of the south and south-east, the deviation at 0900 hr ranging from +6.8 mb at Lerwick to

-0.5 mb at Shoeburyness. Surface winds were mainly south-west to south at first, easterly on the 6th-12th, becoming north-westerly on the 14th and remaining predominantly northerly until the 19th, after which winds were very variable in direction until the end of the month. Wind reached gale force in Scotland on 16 days and in England and Wales on the 1st, 2nd, 4th, 5th, 15th and 17th-20th (9 days) where gales were widespread on the 17th and 18th. A gust of 65 kt was recorded at the Lizard on the 4th and one of 66 kt at Scilly on the 18th.

**Temperature** — Mean temperature was everywhere below the 1921-50 average, the deficit being 1.0°C in England and Wales, 0.7°C in Scotland and 0.3°C in Northern Ireland. The first ten days of the month, however, were rather mild, but temperatures were considerably below the average from about the 11th to the 23rd and average or a little above during the last week.

Extremes included: (England and Wales) 16.1°C at Moreton Morrell on the 5th, -11.7°C at Moorhouse on the 21st; (Scotland) 15.6°C at Kinlochewe on the 5th, -15.0°C at West Linton on the 21st; (Northern Ireland) 13.3°C at Ballyhalbert on the 5th, -6.6°C at Aldergrove on the 19th.

**Precipitation** — The general rainfall expressed as a percentage of the 1916-50 average was 76 over England and Wales, 75 over Scotland and 66 over Northern Ireland. In Scotland there was an excess of rainfall over much of the eastern side of the mainland but a deficit over the rest of the country. More than average rainfall was recorded in the coastal regions of north-east England, in south Lincolnshire, in Kent, in the coastal regions of Sussex and locally in Dorset and Cornwall. Less than half the average occurred in Brecknockshire, Snowdonia, Bedfordshire and in the Pennines. Unusually large hailstones fell during thunderstorms on the 2nd; at Camborne and Hurn stones of 19 mm diameter were measured while Cudrose reported stones of up to 50 mm diameter.

Thunder was heard in Scotland on 10 days, and in England and Wales on the 1st-5th, 7th, 14th and 19th (8 days). Thunderstorms were widespread on the 2nd and 3rd.

Snow or sleet was observed at one place or another in Scotland on the 1st and the 12th-24th; snow was reported as lying at 9 hr on the 14th-27th and snowfalls were widespread on the 16th-19th. In England and Wales snow fell on the 14th-23rd and ground was snow-covered in some areas on the 16th-23rd. The observing station at Tredegar was unapproachable on the 18th due to 10ft deep drifts of snow.

**Sunshine** — The general sunshine expressed as a percentage of the 1921-50 average was 76 over England and Wales, 81 over Scotland, and 51 over Northern Ireland. In England and Wales percentages ranged from 111 at Manchester Airport to 43 at Rothamsted, deficits being generally greatest in the south and east. At Worthing it was the duller November since records began in 1899.

**Fog** — Fog was reported at one place or another in Scotland on 21 days and in England and Wales on every day of the month except the 5th, 11th, 12th and 18th (26 days). It occurred at many stations in the Midlands on 8 days and at Pontefract on 16 days; and was widespread, dense in places, on the 25th and 26th persisting all day in many districts.

**Miscellaneous Phenomena** — The aurora was visible in Scotland on 14 nights.



TABLE I—DISTRICT VALUES— NOVEMBER 1962 (1908, revised 1928, 1941 and 1956)

DISTRICTS	AIR TEMPERATURE					EARTH TEMPERATURE		RAINFALL		SUNSHINE
	Highest	Lowest	Difference from Average			At 1 ft. Difference from Average	At 4 ft. Difference from Average	Per-centage of Average	No. of Days Difference from Average	Per-centage of Average
			Max.	Min.	Mean					
0 SCOTLAND, N.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	%	—	%
Eastern	15.6	-10.6	-0.9	-0.5	-0.7	—	—	73	-1	84
1 SCOTLAND, E.	14.4	-15.0	-1.2	-0.6	-0.9	—	—	116	+2	80
2 ENGLAND, N.E.	15.0	-11.1	-1.1	-1.2	-1.1	+0.2	0.0	96	0	98
3 ENGLAND, E.	15.1	-7.8	-1.3	-0.5	-0.9	-0.4	-0.5	86	0	60
4 MIDLAND COUNTIES	16.1	-8.3	-1.1	-0.8	-0.9	-0.6	-0.1	65	-1	74

DISTRICTS	AIR TEMPERATURE					EARTH TEMPERATURE		RAINFALL		SUNSHINE
	Highest	Lowest	Difference from Average			At 1 ft. Difference from Average	At 4 ft. Difference from Average	Per-centage of Average	No. of Days Difference from Average	Per-centage of Average
			Max.	Min.	Mean					
5 ENGLAND, S.E.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	%	—	%
Western	15.6	-6.7	-1.1	-0.3	-0.7	-0.4	-0.4	89	+1	57
6 SCOTLAND, W.	15.3	-11.7	-0.7	-0.4	-0.6	+0.3	+0.5	71	-2	79
7 ENGLAND, N.W. (and N. Wales)	15.2	-11.7	-1.0	-0.6	-0.8	+0.4	+0.6	54	-4	96
8 ENGLAND, S.W. (and S. Wales)	15.0	-6.1	-1.5	-1.5	-1.5	-0.7	-0.5	65	0	72
NORTHERN IRELAND	13.3	-6.6	-0.5	0.0	-0.3	-	-	66	-6	51

TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— NOVEMBER 1962 (1914)

DISTRICT, COUNTY AND PLACE		Height of Vane			Distribution of Mean Hourly Values of Wind Speed										Mean Hourly Wind Speed	Highest Velocities					
		Above Mean Sea Level	Above Ground	Effective Height	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	
					Dates of Occurrence	Duration	No. of days	Duration	Duration	Duration	Duration	Duration	Duration	Veer from N.			Speed	Hour ended at	Speed	Day and Time	
		ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	knots	°	knots	day hr.	knots	day	h.m.			
SCOTLAND																					
0	Zetland	Lerwick	304	33	33	-	0	14	63	397	229	31	0	13.2	190	31	23	08	48	29	0940
	Orkney	Kirkwall (Grimsetter)	134	50	33	-	0	11	99	353	214	54	0	13.4	360	32	18	02	45	15	0900
	Caithness	Dounreay	110	39	30	5	3	13	73	429	208	9	0	14.1	150	34	5	15	50	5	1425
	Ross & Cromarty	Stornoway (Coastguard)	120	40	36	22, 23	2	13	75	375	171	97	0	12.9	200	36	23	01	46	14	1205
		Duirinish	125	65	55	-	0	4	21	233	378	88	0	9.0	340	27	15	06	49	14	1250
	Inverness	Benbecula	69	51	35	-	0	8	47	218	287	168	0	9.3	150	33	5	20	53	14	1230
1	Moray	Lossiemouth	101	80	60	-	0	6	52	218	360	81	9	10.1	360	33	18	04	51	18	0240
	Aberdeen	Dyce	225	40	40	-	0	1	1	177	327	215	0	7.2	320	22	15	10	39	15	0705
	Angus	Bell Rock Lighthouse	128	131	124	1, 3, 5, 15, 17-19	41	20	159	387	117	15	0	17.9	360	46	18	07	63	18	0620
	Perth	Rannoch	1006	56	57	17, 18	2	6	29	225	282	182	0	6.7	360	34	18	06	60	18	0505
	Fife	Leuchars	78	40	40	-	0	3	10	268	355	87	0	9.2	120	25	5	14	39	17	0855
	Midlothian	Edinburgh	485	39	23	-	0	4	12	264	312	87	45	9.7	160	28	1	12	44	17	0910
6a	Argyll	Millport	89	60	47	1, 5, 17, 18	26	14	139	295	174	86	0	14.6	140	42	5	18	62	5	1620
	Bute	Paisley	50	34	34	-	0	5	20	220	286	194	0	8.4	050	29	16	23	41	16	2205
	Renfrew	Renfrew	188	81	31	-	0	0	0	99	376	245	0	5.8	240	19	14	08	46	14	1525
		Renfrew	71	41	39	-	0	0	0	168	352	200	0	6.6	250	20	14	09	40	14	1535
	Ayr	Prestwick Airport	68	33	33	-	0	2	3	218	377	122	0	8.2	130	24	1	09	43	14	1540
	Dumfries	Eskdalemuir	825	50	35	-	0	0	0	99	301	320	0	4.9	120	19	5	14	44	17	1245
	Wigtown	West Freugh	83	33	33	-	0	6	34	188	234	264	0	7.5	170	28	5	16	46	5	1455
ENGLAND and WALES																					
6b	Isle of Man	Point of Ayre	70	40	35	17	1	14	94	299	284	42	0	13.0	010	34	17	14	51	14	1755
		Ronaldsway	119	64	39	1, 5, 17	10	16	144	267	220	79	0	13.8	170	38	5	14	59	17	1420
2	Durham	Durham	389	53	33	-	0	1	3	214	256	247	0	7.3	360	23	18	12	50	18	1215
		South Shields	73	57	44	18	(1)	5	(35)	275	380	29	0	10.7	(360)	36	18	11	(55)	18	1200
	Lincoln	Cranwell	288	47	47	-	0	4	32	260	346	82	0	9.6	350	30	18	18	47	18	1730
3	Norfolk	Gorleston	45	33	33	-	0	6	45	327	342	6	0	12.4	170	31	5	06	43	1	1850
	Suffolk	Mildenhall	98	83	60	-	0	0	0	139	379	202	0	6.3	330	19	15	12	36	18	2250
	Bedford	Cardington	226	133	133	-	0	2	7	312	306	95	0	9.9	340	30	18	19	49	18	1835
	Hertford	Rothamsted	461	41	33	-	0	0	0	60	375	285	0	4.9	340	17	18	20	39	18	1945
		Stanstead Abbots	138	41	40	-	0	1	5	178	437	100	0	8.1	350	24	19	02	39	19	0325
	Essex	Coryton	66	57	48	-	0	14	108	327	239	46	0	12.8	170	32	1	17	45	19	0040
		Shoeburyness	118	106	91	-	0	0	0	69	370	281	0	5.0	350	18	18	02	43	18	0155
4	Yorks., W.R.	Sheffield	533	83	35	-	0	0	0	117	491	112	0	6.7	360	17	18	16	35	18	1555
	Warwick	Birmingham (Edgbaston)	643	118	73	-	0	1	3	107	378	232	0	6.1	350	26	18	14	46	18	1420
	Stafford	Keele	706	50	33	-	0	6	39	204	234	184	59	8.7	180	28	2	19	49	18	0500
	Gloucester	Avonmouth	92	61	33	-	0	0	0	106	502	112	0	7.1	360	19	18	20	41	18	1820
5	London	Kingsway	208	143	41	-	0	1	1	194	445	80	0	7.9	330	22	15	15	37	18	1830
	Middlesex	London (Heathrow) Airport	115	33	33	-	0	0	0	102	342	276	0	5.7	340	20	18	24	43	18	1750
		Hampton	139	101	100	-	0	0	0	122	346	252	0	6.1	360	20	18	19	42	18	1955
	Surrey	Kew Observatory	92	75	50	-	0	2	2	133	310	275	0	6.0	340	23	19	01	42	19	0015
		London (Gatwick) Airport	232	38	33	-	0	2	2	133	310	209	13	6.9	(340)	21	18	22	(35)	18	1850
	Kent	Isle of Grain	48	40	33	-	0	0	0	183	310	209	17	11.2	170	30	1	20	42	1	1930
		Dungeness	70	50	33	-	0	13	86	261	230	126	17	11.2	170	30	1	20	42	1	1930
		Dover	68	38	62	-	0	8	48	318	281	49	24	11.7	180	28	1	17	46	1	2230
	Sussex	Thorney Island	75	65	42	-	0	3	9	157	293	261	0	6.8	190	23	1	14	45	2	2045
	Hampshire	Calshot	50	41	33	-	0	7	50	268	342	60	0	10.7	200	29	2	20	42	18	1735
		S. Farnborough	318	69	35	-	0	0	0	47	310	363	0	4.4	350	16	18	19	38	18	2230
	Berkshire	Abingdon	295	40	40	-	0	0	0	177	283	260	0	6.5	350	20	18	17	35	18	1830
	Wiltshire	Larkhill	491	51	36	-	0	1	15	142	343	220	0	7.0	360	25	18	18	46	18	1710
		Porton	406	44	44	-	0	1	2	129	245	344	0	5.6	190	23	1	13	37	18	1740
7a	Cumberiand	Carlisle	137	42	30	-	0	1	2	154	404	160	0	7.0	140	22	1	11	39	18	1045
		Sellafield	83	39	35	-	0	5	17	204	412	87	0	8.8	200	25	3	04	37	3	0355
		Spadeadam	959	51	40	17, 18	3	7	44	249	303	121	0	10.4	010	38	18	11	55	18	1040
	Westmorland	Moor House	1960	50	45	18	1	13	91	306	233	64	25	12.7	010	34	18	10	(47)	3	0920
	Lancashire	Southport	59	41	33	-	0	5	32	158	317	213	0	7.4	010	28	18	03	43	14	2155
		Liverpool Airport	84	41	33	-	0	6	16	234	357	113	0	9.0	150	27	5	12	42	5	1125
	Cheshire	Bidston Observatory	262	64	39	-	0	4	33	278	271	118	20	-	360	26	18	03	53	14	2350
		Manchester Airport	261	33	33	-	0	6	26	214	319	161	0	8.3	070	29	10	14	46	10	1520
7b	Anglesey	Holyhead (Valley)	76	50	40	5, 17	4	12	65	247	204	200	0	10.2	350	37	17	16	57	17	1525
8a	Cardigan	Aberporth	483	41	41	17, 18	30	9	52	280	276	82	0	12.1	360	47	17	17	60	17	1625
	Pembroke	Milford Haven	246	50	35	-	0	6	44	228	315	133	0	9.4	350	30	17	20	50	2	1745
	Glamorgan	Port Talbot	91	40	35	-	0	5	34	183	446	60	0	9.3	010	32	18	17	57	18	1715
		Rhoose	257	37	32	-	0	8	66	154	318	178	0	9.0	-	36	2	17	50	5	0220
8b	Devon	Plymouth	191	88	65	2, 5, 20	4	8	66	154	318	178	0	9.0	-	36	2	17	50	5	0220
	Cornwall	St. Mary's, Scilly	230	65	57	5, 17, 18	28	14	93	341	212	46	0	14.4	350	41	17	16	66	18	0650
		The Lizard	315	75	60	2, 5, 17	11	12	88	280	273	63	5	12.8	340	37	17	17	65	4	2330
NORTHERN IRELAND																					
	Londonderry	Ballykelly	52	50	35	-	0	4	27	151	200	342	0	6.2	110	28	5	07	56	5	1345
	Antrim	Aldergrove	281	65	55	-	0	4	18	218	332	152	0	8.5	150	33	5	14	53	5	1345
		Nutts Corner	344	31	31	-	-	-	-	-	-	-	72	-	140	32	5	14	53	5	1310
CHANNEL ISLES																					
		Jersey Airport	359	86	50	17, 18	3	9	68	350	275	24	0	12.6	310	34	17	24	56	18	0110

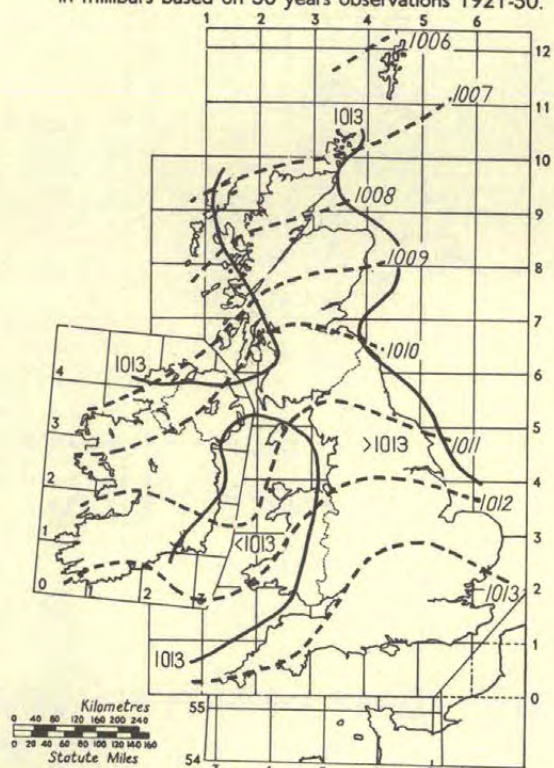


# MONTHLY WEATHER CHARTS

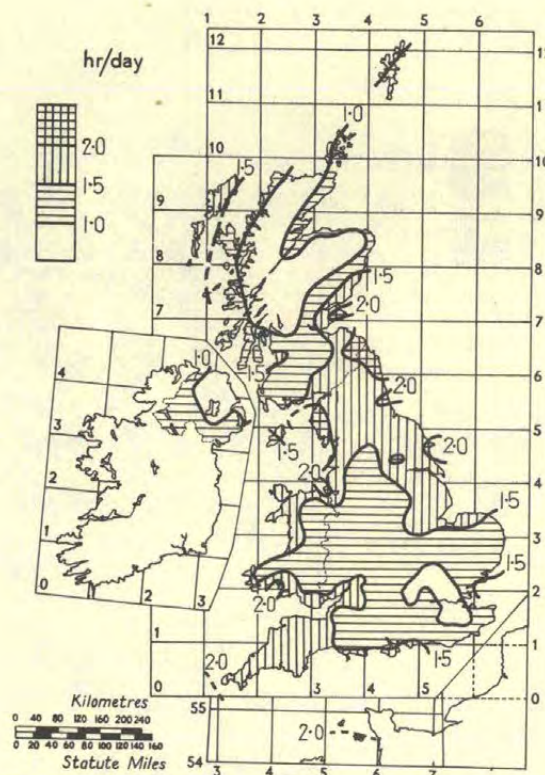
# NOVEMBER 1962

## 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.

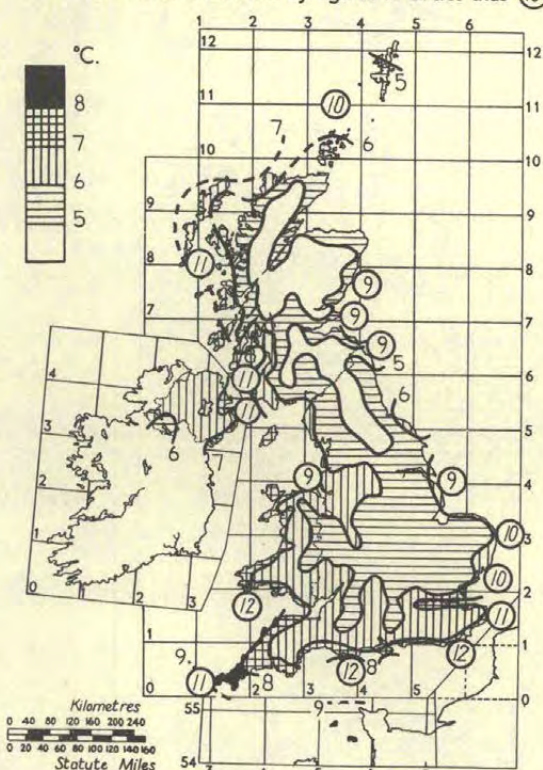


## BRIGHT SUNSHINE

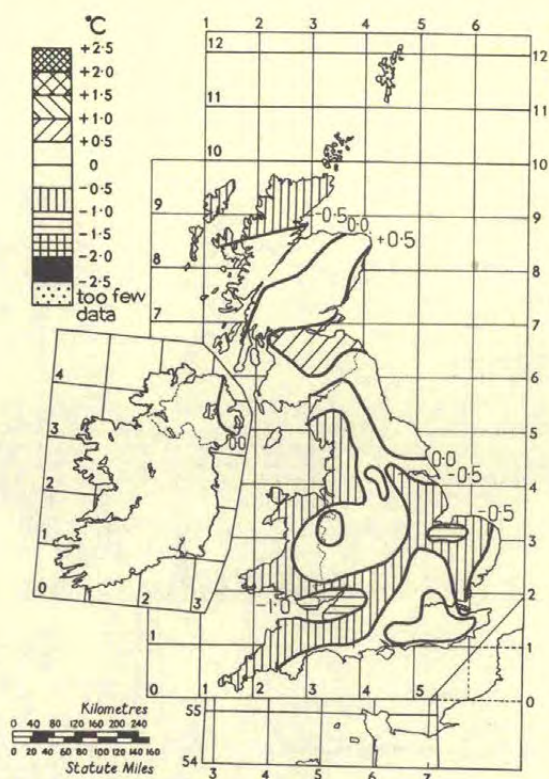


## MEAN AIR TEMPERATURE

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

## NOVEMBER 1962

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

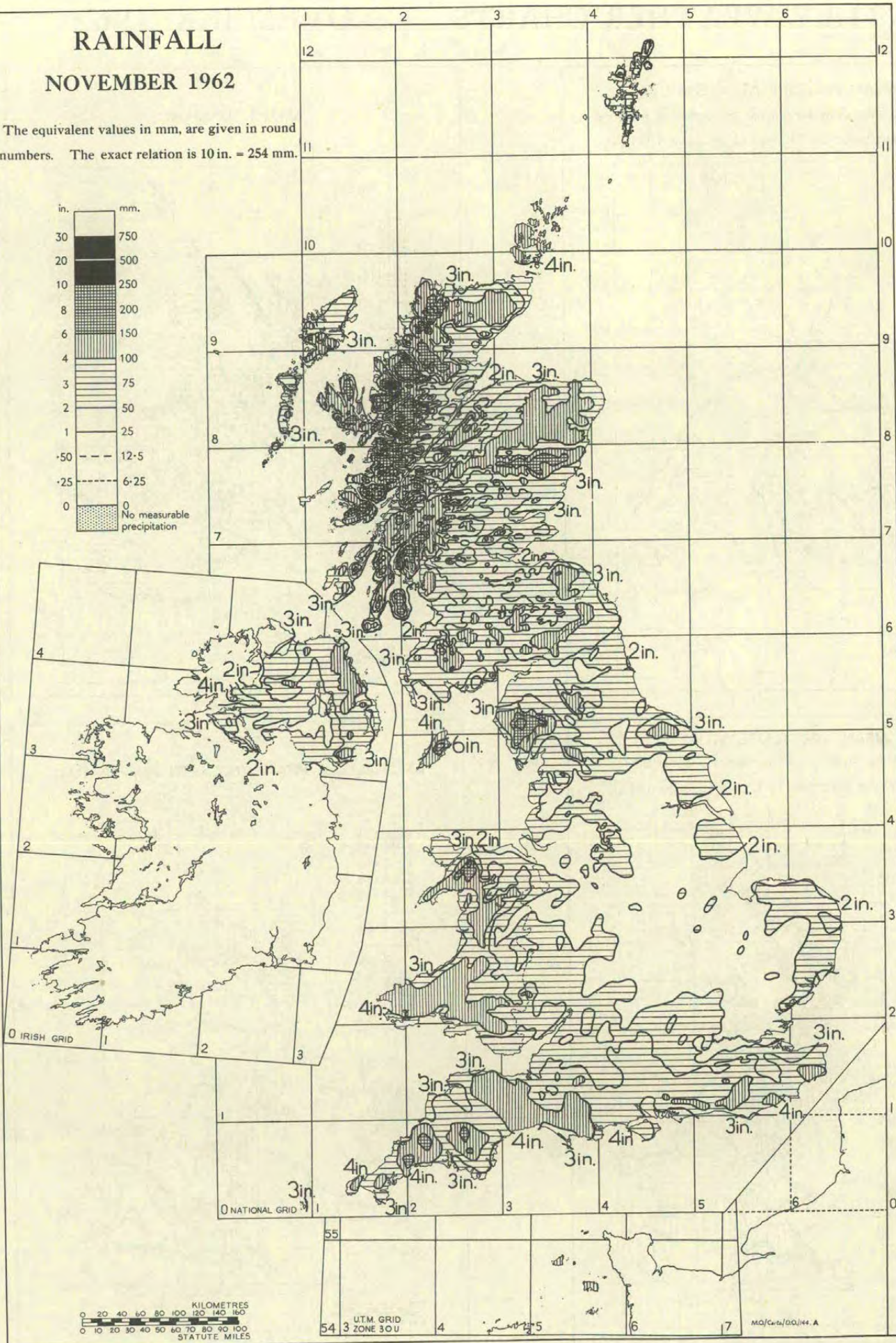
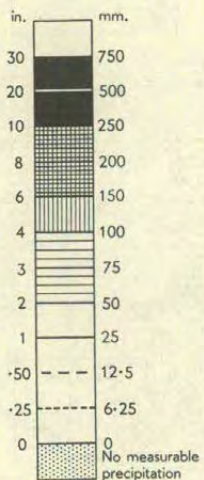




TABLE III—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER NOVEMBER 1962

DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)		WEATHER Number of days										BRIGHT SUNSHINE					
			Means of		Difference from Average	Highest Maximum and Lowest Minimum				1 ft.	4 ft.	Total Fall	Per-centage of Average	Most in a day	Precip'n	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. °C or less	Gale	Daily Mean	Per-centage of Average				
			A	B		Maximum	Date	Minimum	Date																		Amount	Date	0.1in. (0.2mm. or more)	0.01in. (1.0mm. or more)
			Max.	Min.		°C.	°C.	°C.	°C.																		°C.	°C.	in.	%
0 SCOTLAND, N.																														
Zetland	Hamnavoe ...	9 9	70	7.6	3.8	5.7	-	11.7	6	-3.3	16	-	-	3.11	-	.63	13	20	17	6	5	0	0	1	1	7	-	7	1.36	-
	Lerwick Obs'y. §§	21-9	268	6.2	3.0	4.6	-1.0	10.5	6	-5.7	17	-	-	3.04	66	.65	13	22	17	8	8	0	5	1	0	9	13	0	1.32	117
Orkney	Baltasound ...	9 9	78	6.9	2.6	4.7	-	10.6	5	-3.3	17	6.1	-	4.91	96	.74	20	24	18	8	9	8	0	0	0	8	-	6	0.87	-
	Sule Skerry ...	9 9	43	8.2	5.7	6.9	-	11.5	5	-1.0	17	-	-	2.91	-	.45	27	21	14	4	0	0	0	0	0	2	10	2	-	-
	Stenness ...	9 9	75	7.3	3.3	5.3	-	11.7	5	-3.3	22	6.5	-	4.22	-	.66	19	27	22	6	5	0	2	0	0	9	14	1	0.78	-
	Costa ...	9 9	115	7.4	3.8	5.6	-	11.1	5	-1.7	16	-	-	4.42	-	.58	19	24	21	7	2	5	3	1	0	6	12	3	1.00	-
Caithness	Kirkwall (Grimsetter) ...	21-9	84	7.3	3.8	5.5	-	11.4	5	-2.7	16	-	-	4.74	107	.53	19	26	20	8	5	6	0	0	0	7	10	1	1.19	-
	Dounreay ...	9 9	70	7.9	2.8	5.3	-	12.2	8	-2.2	22	-	-	3.02	-	.48	14	27	21	4	4	0	4	0	0	9	15	3	-	-
	Wick ... §§	21-9	119	7.0	3.2	5.1	-1.0	11.4	5	-5.0	19	-	-	2.75	87	.45	23	26	20	7	8	0	4	1	0	9	14	1	1.16	66
Sutherland	Cape Wrath ...	21-9	367	7.9	4.8	6.3	-	12.0	5.8	-1.5	17	-	-	3.23	60	.49	23	23	17	7	2	0	7	0	0	5	7	0	-	-
	Laig (Achany) ...	9 9	280	-	1.5	-	-	-	-	-5.6	16, 22	5.6	8.1	2.60	65	.44	23	26	16	7	9	1	0	0	0	3	18	0	-	-
	Strathay ...	9 9	120	7.2	2.6	4.9	-	12.2	8	-2.2	22, 30	-	-	3.36	73	.49	19	27	23	7	7	1	5	0	0	10	-	0	0.82	- S
Ross & Cromarty	Stornoway §§	21-9	11	8.3	3.6	5.9	-0.7	13.1	5	-3.8	15	-	-	3.12	69	.45	3	22	18	6	3	2	3	0	0	8	13	0	1.49	96
	Balmacara ...	9 9	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Poolewe ...	9 9	20	-	-	-	-	-	-	-	-	-	-	4.37	-	1.26	23	16	15	-	-	-	-	-	-	-	-	-	-	-
	Achnashellach ...	9 9	220	7.6	1.4	4.5	-0.7	15.0	5	-7.2	19	-	-	5.16	64	1.28	13	20	16	6	9	1	0	0	0	12	-	0	-	-
	Kinlochewe ...	9 9	76	8.7	2.2	5.5	-	15.6	5	-10.6	17	7.1	-	3.60	-	1.05	13	16	14	6	8	0	1	0	0	9	18	0	0.69	- S
	Garve (Blackbridge) ...	9 9	690	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Fortrose ... §§	9 9	15	7.6	4.2	5.9	-0.4	13.3	5	-2.2	19	-	-	1.95	87	.51	16	16	10	6	1	0	0	0	0	5	-	0	1.12	62
	Tarbatness ...	21-9	60	7.5	3.9	5.7	-	12.0	5	-3.0	16	-	-	2.11	-	.47	16	18	11	7	2	0	0	0	0	6	-	0	-	-
Inverness	Benbecula ...	21-9	19	8.7	4.3	6.5	-	12.5	10	-2.9	18	-	-	2.57	51	.47	1	20	16	5	2	0	5	0	0	5	12	2	1.77	-
	Isle of Rhum ...	9 9	15	9.1	3.8	6.5	-	15.0	9	-2.2	16	7.2	9.9	7.35	-	1.17	3	22	19	4	4	0	2	1	0	7	18	1	-	-
	Prabost ...	9 9	220	8.1	3.6	5.9	-	13.3	5	-3.9	16	-	-	3.67	-	.64	13	23	17	4	4	1	5	0	0	7	14	0	1.37	-
	Duntulm ...	9 9	294	8.2	4.1	6.1	-	13.9	5	-1.7	16	-	-	3.44	61	.73	23	20	19	5	0	1	0	0	0	3	10	1	1.35	- S
	Onich ... §§	9 9	48	8.3	3.1	5.7	-0.6	14.4	5	-5.0	19	-	-	4.58	58	1.60	23	18	17	4	5	0	0	0	0	0	17	0	1.06	80 S
	Fort William (Camaghael) ...	9 9	27	8.4	2.2	5.3	-	15.0	5	-7.2	19	5.8	8.0	2.54	-	.80	23	18	12	5	5	0	0	0	0	11	15	0	0.94	- S
	Fort Augustus ...	9 9	70	7.6	2.6	5.1	-0.1	14.4	5	-4.4	16, 19	-	-	2.37	-	.60	23	19	14	4	5	0	0	0	1	11	-	0	1.03	- S
	Cannich ...	9 9	350	6.8	-0.3	3.3	-	13.3	5	-9.4	16	-	-	2.29	48	.35	23	19	14	3	9	0	0	0	0	17	20	0	-	-
	Dalwhinnie ...	18-9	1176	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Inverness ...	9 9	13	8.1	3.1	5.6	-	13.3	5	-1.1	16, 18, 20	-	-	1.65	-	.49	23	15	8	7	2	0	0	0	0	8	17	0	1.15	-
	Achnagoichan ...	9 9	1000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Glenmore Lodge ...	9 9	1120	5.8	-0.3	2.7	-	11.1	5.8	-9.6	20	-	-	3.20	-	.43	16	21	15	11	10	1	1	0	0	17	22	0	0.78	- S
1 SCOTLAND, E.																														
Nairn	Nairn ... §§	9 9	20	7.6	2.3	4.9	-0.8	13.9	5	-3.3	16	-	-	2.07	94	.55	16	20	10	2	2	0	0	0	0	11	20	0	1.28	70
Moray	Grantown-on-Spey ...	9 9	720	6.9	-1.1	2.9	-	11.7	5	-8.3	20	-	-	2.70	-	.42	16	22	17	-	8	-	-	-	0	18	20	-	-	-
	Forres ...	9 9	155	7.4	2.2	4.8	-	12.8	5.8	-3.9	16	5.3	7.9	2.06	96	.60	23	20	11	5	7	1	1	0	0	11	16	0	0.68	-
	Kinloss ...	21-9	15	7.7	2.9	5.3	-	13.5	5	-3.9	16	6.3	-	2.40	-	.72	16	19	12	8	1	2	3	0	0	11	17	0	1.08	-
	Elgin ...	9 9	92	8.2	3.2	5.7	-	12.8	5.8	-3.3	16	-	-	3.00	-	.70	23	23	16	4	4	0	0	0	0	8	12	0	1.22	-
	Lossiemouth ...	9 9	21	8.1	2.4	5.3	-	12.8	5	-3.9	16, 20	-	-	2.39	-	.89	23	18	9	7	1	0	4	0	0	10	12	1	-	-
Banff	Gordon Castle ...	9 9	104	7.7	3.1	5.4	-0.3	12.2	5.8	-2.8	16	-	-	3.58	124	.79	23	24	18	2	4	6	0	0	0	6	-	0	0.89	51
Aberdeen	Banff (Coastguard) ...	9 9	80	8.1	2.6	5.3	-	12.8	5	-2.8	16	-	-	3.36	-	.57	23	25	21	7	2	3	0	0	0	7	-	0	0.82	-
	Braemar ...	9 9	1113	5.4	-0.1	2.7	-0.6	10.6	5	-8.3	21	-	-	2.78	73	.50	16	19	14	-	8	-	-	-	0	15	-	-	-	-
	Balmoral ...	9 9	927	5.4	-0.5	2.5	-0.9	10.0	8	-8.3	16, 21	-	-	3.18	95	.42	17	21	17	4	10	0	0	0	0	18	22	0	-	-
	Logie Coldstone ...	9 9	608	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Huntly ...	9 9	405	6.4	2.3	4.3	-	11.5	5	-5.2	16	-	-	3.98	-	.68	16	26	22	6	10	0	5	0	0	11	14	0	-	-
	Fyvie Castle ...	9 9	218	7.2	1.4	4.3	-	12.8	6	-9.4	20	-	-	4.64	-	.66	23	26	18	-	9	-	-	-	-	13	19	-	0.96	- S
	Craibstone §§	9 9	300	6.7	2.4	4.5	-0.7	11.1	5	-5.0	16	6.2	7.9	4.15	118	.86	23	24	19	6	9	1	0	0	2	11	13	1	1.26	59
	Dyce ...	21-9	190	6.7	1.9	4.3	-	11.4	5	-8.6	20, 21	-	-	4.50	123	.81	23	25	20	7	8	0	4	0	1	12	16	0	1.25	-
	Aberdeen ...	9 9	170	7.3	2.1	4.7	-	13.3	29	-7.2	21	-	-	3.81	112	.85	23	22	18	5	8	3	0	0	0	12	16	0	1.44	- S
	Udny ...	9 9	352	6.5	1.8	4.1	-	10.																						



TABLE III (continued). SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, & WEATHER.																																
DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation	Height of Station above Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)		WEATHER											BRIGHT SUNSHINE					
				Means of		Mean Temperature of A and B	Difference from Average	Highest Maximum and Lowest Minimum						Total Fall	Per-cent of Average	Most in a day		Precip'n		Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Glass min. O.C.	Gale	Daily Mean	Per-cent of Average		
				A Max.	B Min.			Maximum	Date	Minimum	Date	1 ft.	4 ft.			Amount	Date	0 in. (0.2mm.) or more	4 in. (1.0mm.) or more													
				Max. Min.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.											hr	%		
1 SCOTLAND, E.—cont.																																
Midlothian	Balerno ...	9 9	700	6.7	1.1	3.9	-	12.8	5	-9.4	21	-	-	2.12	-	.56	16	12	12	2	-	0	0	-	-	-	-	12	17	0	1.21	-
	Midcalder ...	9 9	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Turnhouse ...	21-9	114	7.8	2.5	5.1	-	14.4	5	-6.6	21	-	-	2.42	102	1.10	16	18	13	2	1	0	0	0	1	11	16	0	1.58	-		
	Edinburgh—																															
	East Craigs ...	9 9	200	7.7	2.2	4.9	-	14.4	5	-6.1	21, 22	-	-	2.46	-	1.11	16	18	13	2	1	0	0	0	1	12	17	0	1.60	-		
	Davidson's Mains	9 9	200	7.3	2.3	4.8	-	13.9	5	-4.4	21	5.3	-	2.42	-	1.10	16	18	14	2	1	0	0	0	2	11	19	0	1.34	-		
	Penicuik ...	9 9	620	6.2	0.9	3.5	-	12.8	5	-10.0	21	5.1	-	4.22	-	1.70	16	18	15	2	9	0	0	0	3	13	19	0	1.34	-		
	Bush House ...	9 9	605	6.7	1.2	3.9	-	13.3	5	-9.4	21	4.9	7.7	3.59	-	1.23	16	18	15	2	7	0	0	0	2	13	17	0	1.76	-		
	Edinburgh—																															
	Blackford Hill §§	9 9	441	7.3	3.0	5.1	-0.9	13.3	5	-2.8	19, 21	-	-	3.30	136	1.63	16	17	13	2	8	0	0	0	3	9	12	0	1.71	82		
E. Lothian	Liberton ...	9 9	200	7.6	2.6	5.1	-	12.8	5	-5.6	21	-	-	3.05	-	1.52	16	17	13	2	8	0	0	0	1	9	14	0	1.62	-		
	Botanic Garden	9 9	74	7.8	2.3	5.1	-	14.4	5	-4.4	21	5.6	-	2.03	-	.75	16	16	12	3	1	0	0	0	4	8	19	0	1.65	-		
	Haddington ...	9 9	162	7.8	1.6	4.7	-	13.3	5	-5.6	21	-	-	2.85	-	1.34	16	16	9	2	0	0	0	0	0	11	17	0	1.54	-		
	North Berwick ...	9 9	51	8.3	2.9	5.6	-0.4	12.2	2, 8	-3.3	19	-	-	2.70	115	1.10	17	17	9	1	1	0	0	0	0	10	-	1.57	92			
	Dunbar ...	9 9	75	8.3	3.5	5.9	-	12.8	5	-4.4	21	-	-	2.86	-	1.35	16	14	10	0	1	0	0	0	0	6	12	0	2.41	-		
	Lauder ...	9 9	600	5.9	0.1	3.0	-	12.2	5	-11.1	21	-	-	3.66	-	1.80	16	20	13	4	12	0	0	0	1	12	23	0	2.07	-		
	Marchmont §§	9 9	498	6.6	1.1	3.9	-1.2	10.6	5	-7.2	20, 21	-	-	3.88	130	1.20	16	20	16	3	10	0	0	0	0	10	-	1.77	106			
	St. Abb's Head ...	9 9	245	7.6	4.5	6.1	-	13.8	10	-2.0	20	-	-	2.67	-	1.19	16	19	12	2	0	2	0	0	2	3	6	3	-	-		
	Broughton ...	9 9	741	6.6	0.5	3.5	-	12.2	5	-10.6	21, 22, 23	-	-	2.01	-	.46	23	17	11	3	8	0	0	0	0	13	14	0	-	-		
	Blyth Bridge ...	9 9	830	5.9	0.8	3.3	-	12.2	5	-12.2	21	-	-	3.48	-	1.54	16	18	13	3	8	0	1	0	0	14	16	0	1.32	-		
Berwick	West Linton ...	9 9	800	5.9	-0.1	2.9	-	12.2	5	-15.0	21	3.8	7.4	2.10	-	.33	23	22	14	2	10	0	0	0	2	14	16	0	-	-		
	Peebles ...	9 9	645	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	Peebles (Glentress)	9 9	580	6.7	0.3	3.5	-	12.8	5	-12.2	21	-	-	2.76	-	1.04	16	16	12	2	8	0	0	0	0	14	-	0	-			
	Selkirk (Selkirk (Bowhill)	9 9	600	6.4	0.6	3.5	-	12.8	5	-11.1	21	-	-	3.20	-	1.18	16	18	13	4	9	0	0	0	2	12	-	0	-			
	Selkirk (Hawick (Wauchope)	9 9	560	6.9	-0.3	3.3	-	12.8	5	-13.9	21	-	-	2.89	-	1.18	17	16	10	-	8	-	-	0	13	-	-	-				
	Sourhope ...	9 9	900	6.2	1.2	3.7	-	11.7	8	-7.2	16	-	-	3.35	-	1.63	17	16	14	3	7	1	0	0	0	11	18	0	1.61	-		
	6a SCOTLAND, W.																															
	Argyll	Three ... §§	21-9	29	9.3	5.4	7.3	-0.1	13.1	5	-1.0	18	-	-	3.47	74	.87	23	24	17	3	0	0	7	2	0	2	8	4	1.49	86	
	Rhuvaal ...	21-9	65	9.4	6.0	7.7	-	13.5	5	1.0	18	-	-	3.18	-	1.11	23	19	10	0	0	0	0	0	0	3	1	-	-	-		
	Colonsay ...	9 9	87	9.4	3.5	6.5	-	12.8	5, 8	-3.3	22	-	-	3.43	60	.83	23	22	15	1	-	1	0	0	1	7	-	2	-	-		
Campeltown ...	9 9	10	10.1	4.4	7.3	-	14.4	5	-1.1	19, 22	-	-	3.25	-	.53	23	18	12	-	0	-	-	-	4	-	-	1.17	-				
Tarbert (Achaglachgach)	9 9	40	8.9	2.7	5.8	-	13.3	5, 7	-5.0	19	-	-	4.24	-	1.27	23	19	16	2	0	1	0	0	0	10	-	0	-	-			
Oban ...	9 9	229	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Lepinmore ...	9 9	30	8.6	3.1	5.9	-	13.9	5	-3.9	19	-	-	4.12	-	1.36	23	17	13	1	0	1	0	1	0	9	18	0	0.95	-			
Glenbranter ...	9 9	120	7.6	1.6	4.6	-0.7	12.8	5	-6.7	19	-	-	5.23	53	1.60	23	16	14	-	1	-	-	-	0	12	16	-	-	-			
Benmore (Forestry Sch.)	9 9	46	7.9	1.8	4.9	-	11.7	9, 23	-5.6	19	5.7	7.9	5.62	58	1.37	23	17	16	3	1	0	0	0	3	12	16	0	-	-			
Benmore (Younger Bot. Gdn.)	9 9	40	8.3	2.8	5.5	-	13.9	5	-5.6	19	-	-	5.76	-	1.35	23	19	17	3	2	0	1	1	1	11	17	0	-	-			
Bute	Rothsay §§	9 9	150	8.1	4.1	6.1	-0.5	12.2	27	-1.7	19	6.8	9.0	4.55	78	1.32	23	19	13	0	0	0	1	0	0	14	0	1.17	70			
Millport ...	9 9	16	8.9	4.9	6.9	-	13.9	5	-1.1	19	-	-	2.73	59	.94	23	16	11	1	0	1	0	0	0	1	3	-	3	-			
Dunbarton	Helensburgh ...	9 9	293	7.4	2.5	4.9	-0.9	13.3	5	-3.9	19	-	-	3.08	53	.79	23	19	14	5	2	0	0	0	0	11	-	0	-			
Cumbernauld ...	9 9	310	6.6	1.3	3.9	-	13.9	5	-8.3	21	-	-	3.17	-	1.20	16	19	14	2	10	0	0	0	0	4	11	20	0	-			
Stirling	Stirling ...	9 9	151	7.6	1.7	4.7	-0.9	12.8	5	-5.0	16, 22	5.6	9.9	2.57	68	.66	16	16	12	2	7	0	0	0	0	5	13	14	0	1.21		
Falkirk ...	9 9	100	7.9	1.7	4.8	-	13.9	5	-5.0	21, 22	-	-	2.74	-	1.09	16	17	12	-	-	-	-	-	-	12	-	-	-				
Renfrew	Greenock ...	9 9	200	8.0	3.7	5.9	-0.5	13.9	5	-2.2	22	-	-	2.90	44	.96	23	17	11	3	2	0	0	0	5	8	13	0	0.90	-		
Paisley ...	9 9	106	7.8	3.2	5.5	-0.7	13.9	5	-6.7	22	-	-	2.39	-	.82	16	14	12	3	1	0	0	0	0	1	10	15	0	0.90	65		
Barrhead ...	9 9	97	7.9	2.1	5.0	-	14.4	5	-5.7	22	-	-	2.43	59	.67	16	14	10	4	1	1	0	0	5	11	15	0	1.01	70			
Renfrew ... §§	21-9	26	7.9	2.8	5.3	-0.3	15.3	5	-6.7	22	-	-	2.11	-	.54	16	18	12	2	8	0	0	0	0	12	19	0	-	-			
Lanark	Thorntonhall ...	9 9	453	7.0	1.7	4.3	-	13.3	5	-6.1	17, 19, 21	-	-	2.71	-	.72	16	18	13	4	8	0	0	0	2	11	14	0	1.03	-		
Glasgow, Spr. Pk.	9 9	351	7.1	2.2	4.7	-	13.9	5	-5.6	22, 23	-	-	2.34	-	.74	16	15	13	3	2	0	0	0	0	0	11	-	0	-			
Coatbridge ...	9 9	256	7.6	2.3	4.9	-	14.4	5	-6.1	22	-	-	2.90	-	.75	16	19	12	4	8	0	0	0	0	0	13	18	0	1.27	-		
Coalburn (Midtown)	9 9	707	5.5	-0.1	2.7	-	13.0	5	-11.4	21	5.7	-	2.34	-	.74	16	15	13	3	2	0	0	0	0	0	11	-	0	-			
Lowther Hill ...	-	2377	2.9	-1.1	0.9	-	7.5	5, 9	-9.3	19	-	-	-	-	-	-	-	-	-	-	-	-	-	0	21	18	-	9	0.95			
Leadhills ...	9 9	1270	5.4	0.3	2.9	-	11.1	5	-8.9	21	-	-	4.02	-	1.41	1	20	12	3	7	0	0	0	0	0	13	15	0	-			
Carnwath ...	9 9	706	6.2	0.2	3.2	-	12.2	5	-11.7	21	-	-	2.55	-	.76	16	19	11	2	8	0	0	0	0	0	11	21	0	-			
Ayr	Turnberry ...	9 9	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Largs ...	9 9	20	8.7	3.3	6.0	-	12.8	8	-3.9	19	-	-	3.10	-	.96	23	17	14	-	0	-	-	-	0	9	12	-	1.42	-			
Barr ...	9 9	400	7.9	1.7	4.8	-	12.8	5, 6, 8	-6.1	19, 22	-	-	3.37	-	.83	23	20	14	3	3	0	0	1	0	1	11	-	0	-			
Auchincruive ...	9 9	147	8.3	2.9	5.6	-	13.9	5</																								



TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER NOVEMBER 1962

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)		WEATHER										BRIGHT SUNSHINE				
				Means of		Highest Maximum and Lowest Minimum				Number of days																				
				A	B	Mean Temperature of A and B	Difference from Average	Maximum	Date	Minimum	Date	1 ft.	4 ft.	Total Fall	Percentage of Average	Most in a day	Precip'n	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. O.C. or less	Gale	Daily Mean	Percentage of Average		
				Max.	Min.	Mean	Difference	Maximum	Date	Minimum	Date	1 ft.	4 ft.	Total Fall	Percentage of Average	Amount	Date	-0.1 in (0.2 mm.) or more	-0.01 in (1.0 mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. O.C. or less	Gale	Daily Mean	Percentage of Average
		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.											hr	%			
2 ENGLAND, N.E.—cont.																														
Northumbria		9 9	270																											
Berwick cont. Berwick-on-Tweed		9 9	76	7.8	1.7	4.7	-1.4	11.1	3,4,5	-7.2	21	-	-	3.48	155	1.08	16	20	14	3	0	3	0	0	9	11	2	1.87	86	
Ponteland		9 9	220	-	0.9	-	-	-	-	-6.7	20,21	-	-	2.23	-	.72	17	12	9	4	6	0	0	0	6	11	22	0	-	
Cockle Park		9 9	326	7.2	1.7	4.5	-1.0	11.7	5	-7.2	21	5.8	-	3.11	113	1.10	17	15	13	5	5	0	2	0	1	8	18	0	2.22	101
Acklington		21-9	138	7.1	2.2	4.7	-	12.1	3	-6.9	21	-	-	2.75	-	1.10	17	16	12	6	5	3	0	0	1	12	1	2.22	-	
Tynemouth		21-9	95	7.4	4.1	5.7	-1.2	11.8	5	-4.1	21	-	-	1.85	74	.52	17	15	12	3	5	4	0	0	2	7	9	2	1.78	-
Durham		9 9	446	7.3	1.7	4.5	-1.0	13.3	5	-6.7	21,22	-	-	2.98	108	.85	17	18	12	4	8	0	0	0	1	9	17	0	-	-
Chopwellwood		9 9	594	7.2	1.4	4.3	-1.1	13.3	5	-5.6	20	-	-	2.77	95	1.15	17	15	10	4	6	1	0	0	13	13	-	-	-	-
Ushaw College		9 9	123	8.1	0.6	4.3	-1.4	14.4	5	-8.9	20	-	-	2.90	109	1.10	17	19	11	4	5	0	1	0	4	13	19	0	1.72	92
Houghall		9 9	336	7.8	1.4	4.6	-1.2	13.9	5	-5.6	21,22	6.5	9.2	2.86	115	1.11	17	19	10	-	6	-	-	-	10	16	-	2.20	108	
Durham		9 9	509	7.0	2.4	4.7	-	11.7	5	-5.0	21	-	-	2.38	-	.96	17	16	13	-	2	-	-	-	4	9	11	-	1.79	-
Gateshead		9 9	115	7.6	2.7	5.1	-	14.6	5	-4.9	20	-	-	1.88	-	.84	17	12	10	5	5	0	0	0	3	10	13	0	1.83	-
Middleton St. Gge.		21-9	30	8.3	3.0	5.7	-	13.9	5	-4.4	20	-	-	3.05	-	1.03	17	15	11	2	5	1	0	0	4	7	11	2	1.53	-
West Hartlepool		9 9	105	7.2	2.4	4.8	-	13.8	5	-6.3	20	-	-	2.08	89	.99	17	16	8	6	4	0	0	0	4	12	14	0	1.91	-
Yorks., N. Riding		9 9	313	7.7	1.9	4.8	-1.0	11.1	4,5	-5.0	20	6.4	9.2	1.61	68	.33	17	12	3	5	0	0	0	5	10	-	0	1.73	105	
Ampleforth		9 9	25	8.6	3.7	6.1	-	15.0	5	-2.8	16	-	-	2.81	112	1.18	17	23	10	-	3	-	-	-	1	6	-	-	1.34	-
Redcar		9 9	135	8.5	3.3	5.9	-	13.9	5	-3.3	20,21	-	-	2.79	106	.67	17	17	17	3	0	1	0	0	2	6	-	0	1.47	-
Whitby		9 9	118	8.6	3.9	6.3	-0.8	12.8	5	-3.3	20	7.0	9.9	3.00	118	1.05	17	20	14	2	2	2	0	0	2	4	8	1	1.74	97
Scarborough		9 9	665	6.5	2.1	4.3	-	11.7	5	-3.9	16,20	5.7	-	4.76	-	1.69	17	23	17	2	6	2	0	0	7	8	17	0	1.73	-
Silpho Moor		9 9	805	6.7	1.6	4.1	-	11.7	5	-4.4	20,21	-	-	5.33	-	1.61	17	22	16	3	5	1	2	0	6	11	-	0	-	-
Yorks., E. Riding		9 9	574	6.9	1.7	4.3	-	11.7	5	-5.6	20	6.2	-	2.52	-	.73	17	19	12	3	5	0	1	0	7	10	19	0	1.87	-
Hull		9 9	8	8.6	2.9	5.7	-1.0	13.3	5,6	-3.3	20	6.5	9.6	2.09	81	.42	17	19	14	1	1	0	0	0	3	7	13	0	1.69	106
Leconfield		21-9	24	7.9	2.6	5.3	-	13.7	5	-4.4	20	-	-	2.13	-	.45	18	17	13	5	3	0	4	0	4	11	16	1	1.92	-
Filey		9 9	122	8.1	2.4	5.3	-	12.8	5	-5.0	20,21	-	-	2.38	-	.60	17	22	15	2	2	2	0	0	1	10	11	0	1.48	-
Bridlington		9 9	157	8.3	2.4	5.3	-	12.8	5	-5.6	20	-	-	2.86	-	.50	17	20	14	3	2	2	0	0	3	12	18	4	2.03	-
Lincoln		21-9	29	8.1	4.6	6.3	-0.9	12.0	5	-1.2	20	-	-	1.61	-	.33	23	16	10	3	0	3	0	0	3	-	0	1.55	76	
Gainsborough		9 9	110	8.1	1.5	4.8	-	13.9	5	-5.0	20	-	-	1.74	-	.49	17	17	12	2	1	0	0	0	7	14	-	0	-	-
Waddington		21-9	224	7.4	2.6	5.0	-	13.4	5	-3.5	20	-	-	1.75	-	.36	17	18	11	5	0	0	0	0	9	8	12	0	1.67	-
Lincoln		9 9	22	8.2	1.2	4.7	-	13.9	5	-6.7	22,23	6.6	8.9	1.68	-	.38	17	19	11	2	0	0	0	0	13	12	18	0	1.66	-
Cranwell		9 9	205	7.7	1.9	4.8	-1.3	13.5	5	-3.9	20	6.9	10.2	1.57	68	.33	17	14	10	6	0	0	0	0	6	10	15	1	1.67	78
Cleethorpes		9 9	23	-	3.2	-	-	-	-	-2.8	20,21	-	-	2.40	100	.49	23	15	12	-	0	-	-	-	4	7	15	-	1.63	80
Manby		21-9	55	8.2	3.2	5.7	-	14.3	5	-4.4	20	-	-	2.17	-	.36	17	20	13	6	1	0	6	4	8	10	0	1.77	-	
Skegness		9 9	15	8.8	3.4	6.1	-0.5	13.9	6	-3.9	20	-	-	1.42	61	.22	17,23	17	11	1	1	1	2	0	3	8	10	1	1.47	69
3 ENGLAND, E.																														
Norfolk																														
Terrington		9 9	13	8.1	2.4	5.3	-	14.4	5	-3.3	23	6.4	-	1.90	92	.38	2	18	13	4	1	3	0	2	6	11	15	0	1.44	-
St. Clement		21-9	76	8.0	2.9	5.5	-	14.8	5	-7.0	23	-	-	1.42	-	.33	1	16	11	3	0	0	2	0	8	9	14	0	-	-
Marham		9 9	80	8.4	1.3	4.9	-	15.0	5	-7.8	23	6.8	8.9	2.04	-	.43	2	14	12	-	-	-	-	5	11	20	0	-	-	-
Santon Downham		21-9	250	7.7	2.8	5.3	-	14.8	5	-5.2	23	-	-	2.10	-	.41	1	19	12	5	0	4	1	0	5	8	15	0	1.63	-
West Raynham		9 9	178	8.3	3.5	5.9	-1.2	14.4	5	-2.2	20	-	-	2.38	87	.48	1	17	13	-	0	-	-	-	1	6	12	0	1.56	74
Cromer		9 9	93	8.3	2.7	5.5	-1.0	14.4	5	-4.4	23	7.4	-	2.47	93	.46	1	19	13	3	4	0	1	1	2	8	14	0	1.30	69
Sproston		9 9	89	8.2	3.1	5.7	-	13.9	5	-3.3	23	-	-	3.03	110	.46	3	18	13	6	1	0	4	1	2	8	11	0	1.40	-
Burlingham		9 9	12	8.3	4.8	6.5	-0.9	13.0	5	-4.0	23	7.7	10.2	2.77	101	.50	12	18	14	3	0	0	4	0	2	4	5	1	1.28	65
Suffolk		21-9	15	8.2	3.2	5.7	-	15.1	5	-5.4	23	-	-	1.38	67	.32	1	13	8	7	0	0	0	0	3	13	11	0	1.46	-
Gorleston		9 9	14	8.7	2.5	5.6	-	13.9	5	-6.7	23	-	-	2.76	-	1.20	3	17	11	2	0	0	0	0	1	15	0	-	-	-
Mildenhall		21-9	292	7.4	3.5	5.5	-	13.4	5	-4.2	16	-	-	1.87	-	.31	1	17	10	5	0	0	0	0	2	8	11	0	-	-
East Bergholt		9 9	82	8.6	3.8	6.2	-0.8	13.9	5	-3.9	23	7.4	9.4	3.08	113	.40	3	17	14	3	0	0	0	0	2	7	7	0	1.18	57
Wattisham		9 9	157	7.9	2.3	5.1	-	13.3	5	-4.4	20,23	-	-	1.62	78	.38	2	14	9	4	0	3	0	1	4	10	16	0	1.39	-
Lowestoft		9 9	85	8.2	2.6	5.4	-1.1	14.4	5	-4.4	16,20,23	7.0	9.7	1.45	70	.49	1	14	9	4	0	0	0	0	1	10	18	-	-	-
Boxworth		9 9	129	7.8	3.1	5.5	-	14.2	5	-5.0	23	-	-	1.40	67	.43	1	12	8	4	0	0	1	0	7	10	15	0	1.14	59
Cambridge		21-9	291	7.8	2.3	5.1	-0.8	12.8	5	-3.9	23	6.9	10.5	1.88	76	.48	2	18	9	2	1	0	1							



TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER NOVEMBER 1962

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)			WEATHER												BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
				Means of		Difference from Average	Highest Maximum and Lowest Minimum				Total Fall			Percentage of Average	Most in a day	Precip'n	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. O C or less	Gale	Daily Mean	Percentage of Average																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
							Maximum	Date	Minimum	Date																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
				A Max.	B Min.	Mean Temperature of A and B	°C.	°C.	°C.	°C.	°C.	°C.	°C.	1 ft.	4 ft.	in.	%	in.	0.1 in. (0.2 mm.) or more	0.4 in. (10 mm.) or more	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.



TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER NOVEMBER 1962

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)		WEATHER										BRIGHT SUNSHINE				
				Means of				Highest Maximum and Lowest Minimum						Total Fall	Percentage of Average	Most in a day		Number of days								Daily Mean	Percentage of Average			
				A	B	Mean Temperature of A and B	Difference from Average	Maximum	Date	Minimum	Date	1 ft.	4 ft.	in.	%	in.	Amount	Date	Precip'n -0.1in.(0.2mm.) or more -0.01in.(1.0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. °C. or less	Gale	hr	%
				Max.	Min.																									
5 ENGLAND, S.E.—cont.		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.															
Surrey	Mickleham ...	9 9	179	8.5	2.4	5.5	-	13.9	2	-5.6	16, 20	-	-	2.94	87	.59	1	17	15	2	0	0	0	2	10	16	0	-	-	
	Kew Observatory ...	21-9	18	8.8	4.7	6.7	-0.5	13.6	2	-1.2	16	7.0	10.0	1.99	80	.34	1	16	13	4	0	0	0	3	5	11	0	1.22	71	
Kent	London (Gatwick) ...	21-9	192	8.5	3.2	5.9	-	14.6	2	-5.6	20	-	-	3.06	-	.54	3	16	15	4	0	0	0	3	8	14	0	1.04	-	
	Airport																													
	Croydon (Waddon) ...	9 9	220	8.9	3.6	6.3	-0.8	15.0	5	-3.3	20	-	-	2.12	71	.38	1	16	16	-	-	-	-	3	8	14	0	1.04	-	
	Addington ...	9 9	474	7.9	3.6	5.7	-0.7	13.9	5	-3.3	20	-	-	2.47	78	.45	1	19	14	-	-	-	-	2	8	-	-	-	-	
	Bromley ...	9 9	213	9.1	3.9	6.5	-0.4	14.4	2	-2.8	16, 20	-	-	1.85	67	.39	1	16	11	-	0	-	-	2	8	-	-	-	-	
	Swanley ...	9 9	177	8.7	3.3	6.0	-	14.4	2	-3.3	16, 20, 23	7.9	-	2.17	-	.55	3	14	8	3	0	0	0	3	7	15	0	0.86	-	
	Dartford ...	9 9	17	9.2	3.5	6.3	-	15.0	2	-3.9	16	-	-	1.66	68	.44	3	14	8	2	0	0	0	0	5	-	0	-	-	
	Tunbridge Wells ...	9 9	351	8.2	2.2	5.2	-1.0	13.3	2	-5.0	16	7.0	9.5	4.02	110	1.23	3	16	13	3	0	0	0	5	10	10	0	0.88	41	
	Goudhurst ...	9 9	280	8.4	2.8	5.6	-	12.8	2, 5	-3.9	20	-	-	3.60	91	.77	1	18	13	1	0	0	0	1	10	12	0	-	-	
	East Malling ...	9 9	122	8.9	3.1	6.0	-0.3	15.0	2	-3.3	16, 20, 23	-	-	2.76	90	.88	3	18	11	2	0	0	0	2	9	11	0	0.99	52	
	Benenden ...	9 9	195	9.1	3.1	6.1	-	13.3	2	-4.4	16, 20	-	-	3.11	-	.58	20	19	12	0	0	0	0	1	9	9	0	1.24	-	
	Gillingham ...	9 9	14	9.1	3.9	6.5	-	15.0	2	-3.3	23	-	-	2.63	-	1.04	3	15	12	0	0	0	0	9	7	-	0	0.94	-	
	Sittingbourne ...	9 9	224					13.3	5	-3.9	23	7.2	10.2	2.66	-	.47	2	19	12	1	0	0	0	7	7	10	0	-	-	
	Isle of Grain ...	9 9	9	9.5	4.8	7.1	-	13.9	2, 5, 24	-2.8	23	-	-			.32	2	13	12	-	0	-	-	1	4	9	-	1.18	-	
	Faversham ...	9 9	157	8.4	3.8	6.1	-	13.3	5	-4.4	23	8.1	10.3	2.73	-	.56	1	19	13	1	0	0	0	4	7	10	0	1.07	-	
Dungeness ...	21-9	10	9.2	3.4	6.3	-	14.9	2	-3.8	23	-	-	3.20	105	.65	20	18	12	0	0	0	0	1	6	-	0	-	-		
Wye ...	9 9	185	8.4	3.6	6.0	-0.6	13.9	2	-3.3	16, 20, 23	-	-	3.89	108	.92	1	15	14	0	0	0	0	2	9	8	1	1.22	57		
Whitstable ...	9 9	9	9.1	4.6	6.9	-	13.9	2, 5	-3.9	23	-	-	2.21	85	.44	17	18	13	0	0	0	0	1	4	-	0	-	-		
Folkestone ...	9 9	128	9.1	4.9	7.0	-	13.9	4	-1.7	20	-	-	4.12	124	.74	17	20	15	1	0	0	0	4	8	1	1.26	-	-		
Wingham (Elmstone) ...	9 9	28	8.7	3.8	6.3	-	13.9	5	-3.3	16, 23	-	-	3.11	-	.50	13, 17	18	11	-	0	-	-	2	7	5	-	-	-		
Herne Bay ...	9 9	21	8.9	4.9	6.9	-	13.9	5	-1.7	19, 20	-	-	2.55	94	.44	17	17	12	0	0	0	0	1	4	-	0	1.00	-		
Dover ...	9 9	19	9.1	5.1	7.1	-0.8	13.9	4, 5	-1.1	20, 21	9.1	11.5	3.71	101	.68	13	18	13	1	0	0	0	1	6	7	1	1.32	-		
Dover R.M.S. ...	9 9	402	7.9	4.1	6.0	-	12.8	4, 5	-2.2	20	-	-	4.09	94	.66	13	20	14	-	0	-	-	4	7	-	-	-	-		
Deal ...	21-9	18	9.0	5.9	7.5	-	14.8	7	-1.5	16	-	-	3.76	-	.54	13	17	13	0	0	0	0	1	3	6	0	-	-		
Manston ...	21-9	145	8.5	4.7	6.6	-	14.0	5	-2.6	23	-	-	3.20	-	.64	17	17	14	2	0	0	0	2	4	5	0	-	-		
Ramsgate ...	9 9	80	8.9	5.2	7.1	-	13.9	5	-2.2	23	-	-	3.33	122	.79	13	17	12	0	0	0	0	2	5	0	-	1.08	51		
Margate ...	9 9	51	8.9	5.4	7.1	-1.0	13.9	5	-1.1	16, 20	8.2	11.2	3.32	132	.72	13	16	11	0	0	0	0	1	4	3	0	-	1.04	50 S	
Thornor Island ...	21-9	10	9.5	4.5	7.0	-	14.5	2	-3.7	20	-	-	2.93	93	.65	6	15	11	0	0	0	0	2	6	7	0	1.49	-		
Bognor Regis ...	9 9	24	9.1	4.6	6.9	-0.9	13.9	2	-2.8	20	-	-	2.82	84	.47	15	15	14	0	0	0	0	0	5	7	0	1.51	60		
Littlehampton ...	9 9	15	-	3.4	-	-	-	-	-4.4	16	-	-	3.61	106	.66	16	15	14	0	0	0	0	0	1	9	-	1.45	58		
Rustington ...	9 9	10	9.4	4.4	6.9	-	15.0	9	-3.9	16	-	-	10.1	3.58	.69	16	15	14	-	0	-	-	9	11	-	1.12	-	-		
Worthing ...	9 9	25	9.4	4.8	7.1	-0.8	14.4	2	-2.8	20	8.1	10.9	3.77	110	.59	4	14	13	0	0	0	0	0	6	10	0	1.32	52		
Brighton ...	9 9	32	9.7	5.3	7.5	-	14.4	2	-1.7	16, 20	-	-	11.2	3.09	.65	3	15	13	0	0	0	0	1	3	3	10	0	1.12	-	
East Grinstead ...	9 9	400	8.6	2.7	5.7	-	14.4	2	-4.4	16	7.5	10.5	3.64	-	.80	1	15	13	1	0	0	0	1	2	-	0	-	-		
Seaford ...	9 9	45	9.5	4.7	7.1	-	14.4	2, 4	-2.8	16	-	-	-	-	-	-	-	-	-	-	-	2	6	-	-	1.22	-			
Eastbourne ...	9 9	23	9.3	5.2	7.3	-0.8	13.9	2	-1.1	16	9.1	12.4	2.75	69	.46	1	15	13	0	0	0	0	2	7	2	1.24	52			
Eastbourne (C/guard) ...	21-9	17	9.5	4.8	7.1	-	14.6	2	-2.7	16	-	-	2.68	-	.49	1	14	12	0	0	0	0	0	2	7	2	1.24	52		
Bexhill ...	9 9	12	9.4	4.9	7.1	-0.8	13.9	2, 4, 5	-3.3	16	9.2	-	3.12	88	.62	20	13	11	0	0	0	0	4	6	11	0	1.08	-		
Sedlescombe ...	9 9	188	8.6	3.4	6.0	-	13.3	2, 3	-4.4	20	-	-	4.31	-	.84	20	19	12	1	0	0	0	0	0	11	0	-	-		
Bodiam ...	9 9	73	9.2	3.2	6.2	-	13.9	2	-3.9	16, 23	8.6	11.1	3.73	-	.83	20	14	12	-	0	-	-	1	10	13	-	1.00	-		
Hastings ...	9 9	149	9.1	4.9	7.0	-0.9	13.9	2	-1.7	16, 20	7.9	10.9	3.94	109	.92	17	15	11	2	0	0	0	0	4	8	0	1.08	46		
Letcombe Regis ...	9 9	350	8.4	2.4	5.4	-	13.3	2, 5	-3.3	16, 20	-	-	2.60	-	.60	1	19	10	2	1	0	0	0	3	8	-	-	-		
Abingdon ...	21-9	210	8.2	3.1	5.7	-	13.4	2	-3.8	20	-	-	2.13	87	.51	2	14	10	4	2	0	0	1	6	7	13	0	1.06	-	
Compton ...	9 9	339	7.9	1.6	4.7	-	13.3	2	-5.0	20	8.2	-	3.28	-	.75	1	16	10	3	1	0	0	0	7	13	16	0	1.08	-	
Woolhampton ...	9 9	370																												
Wallingford ...	9 9	157	8.6	1.9																										



TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER NOVEMBER 1962

TABLE III (continued) SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, AND WEATHER																																
DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)		WEATHER Number of days												BRIGHT SUNSHINE				
				Means of		Mean Temperature Mean of A and B	Difference from Average	Highest Maximum and Lowest Minimum						Total Fall	Per-centage of Average	Most in a day		Precip'n		Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost min. O.C. or less	Gale	Daily Mean	Per-centage of Average			
				A	B			Maximum	Date	Minimum	Date	Amount	Date			0.1 in. (0.2 mm.) or more	0.1 in. (1.6 mm.) or more															
				Max.	Min.			°C.	°C.	°C.	°C.	°C.	°C.			°C.	°C.	in.	%											in.		
7a ENGLAND, N.W.																																
Cumberland	Sellafield...	9 9	43	9.1	3.3	6.2	-	14.4	5	-2.8	20,21,22	-	-	3.60	81	.81	23	14	11	-	3	-	-	-	1	7	13	-	2.26	-		
	Carlisle...	21-9	86	7.8	2.7	5.3	-	15.2	5	-5.7	22	-	-	2.11	-	.51	16	13	9	3	1	0	0	0	1	12	12	0	1.75	-		
	Newton Rigg	9 9	560	7.1	0.8	3.9	-1.3	12.8	5	-8.3	22	5.3	-	2.47	74	.91	2	16	10	-	6	-	-	-	4	12	17	-	1.40	82 S		
	Spadeadam	9 9	900	5.6	0.6	3.1	-	12.2	5	-7.2	16,20	4.1	6.7	3.60	-	1.18	23	21	12	4	8	1	0	1	7	12	16	2	1.52	-		
Westmorland	Ambleside	9 9	151	7.8	1.6	4.7	-	14.4	5	-5.6	20,21	-	-	5.25	64	1.30	2	13	13	4	2	0	0	0	2	12	-	1	1.42	- S		
	Great Dun Fell	-	2780	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.19	-		
Lancashire	Moor House	9 9	1825	3.9	-1.4	1.3	-	8.9	5	-11.7	21	4.0	-	4.01	-	.89	1	22	18	-	11	-	-	-	9	16	21	-	1.26	-		
	Barrow-in-Furness	9 9	55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Squires Gate	21-9	33	8.6	3.6	6.1	-	14.8	5	-4.7	20	-	-	2.13	63	.70	17	12	9	3	0	0	0	0	6	9	13	0	1.73	-		
	Urswick	9 9	130	8.8	2.0	5.4	-	14.4	5	-5.0	20,22	-	-	3.22	-	.91	23	17	12	2	0	0	0	0	1	6	10	-	2	-	-	
	Poulton-le-Fylde	9 9	38	8.9	2.7	5.8	-	14.4	5	-3.3	20,21	-	-	2.07	-	.58	17	11	10	1	0	0	0	0	3	8	-	2	-	-	-	
	Grizedale	9 9	300	-	0.3	-	-	-	-	-	-	6.3	-	5.15	-	1.08	17	12	12	3	6	0	0	0	2	16	22	0	-	-	-	
	Liverpool Airport	21-9	80	8.6	4.2	6.4	-	14.2	5	-1.7	20	-	-	1.60	54	.72	17	15	7	3	1	0	0	0	4	6	10	0	1.49	-		
	Kirkham	9 9	78	8.6	2.4	5.5	-	14.4	5	-4.4	20	-	-	1.94	53	.49	17	11	8	3	1	0	1	0	1	9	16	0	1.62	-		
	Garstang	9 9	68	8.4	2.4	5.4	-	13.9	5	-4.4	20,22	-	-	1.90	-	.49	17	12	7	-	1	-	-	-	1	8	17	-	1.91	-		
	Morecambe	9 9	24	8.7	3.2	5.9	-0.7	15.0	5	-3.3	20	-	-	2.43	63	.74	23	16	9	2	1	0	0	1	6	-	0	1.67	87	-		
	Preston (Moor Pk.)	9 9	108	8.7	2.7	5.7	-	14.4	5	-4.4	20,21	-	-	1.79	46	.49	1	10	7	3	1	0	1	0	9	8	13	0	-	-	-	
Cheshire	Bolton	9 9	352	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Darwen	9 9	724	6.9	2.1	4.5	-1.0	12.2	5	-3.9	19,20	7.9	2.06	36	.62	1	14	11	2	3	0	0	0	0	9	-	0	-	-	-	-	
	Stonyhurst	9 9	377	8.1	2.6	5.3	-0.6	14.4	5	-5.0	20	-	-	1.61	34	.43	1	14	8	-	1	-	-	-	6	7	13	-	1.66	100	-	
	Manchester	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Weather Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Helmshore	9 9	854	(6.7)	2.1	(4.4)	-	12.2	5	-5.0	20	5.3	-	2.39	-	.55	1	15	12	-	6	-	-	-	3	9	15	-	1.11	-	-	
	Manchester (Smokeless Zone)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Burnley	9 9	655	7.3	2.1	4.7	-	13.3	5	-6.1	20	6.8	8.9	1.78	-	.55	1	20	10	1	0	0	0	0	1	9	15	0	1.36	-	-	
	Nelson	9 9	540	7.4	2.2	4.8	-	13.9	5	-5.6	20	5.6	8.8	1.21	26	.38	1	18	6	-	1	-	-	-	6	9	15	-	1.39	-	- S	
	Rochdale	9 9	362	8.0	2.2	5.1	-	14.4	5	-5.6	20	-	-	2.06	-	.51	17	16	10	1	1	0	0	0	7	9	15	1	1.21	-	-	
	West Kirby Park	West Kirby Park	9 9	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bidston Obs'y.		9 9	198	8.3	4.2	6.3	-0.6	13.3	5	-0.6	21	-	-	1.64	59	.67	17	13	8	-	-	-	-	-	8	2	8	-	1.66	87	-	
Northwich (Winnington)		9 9	65	8.6	3.3	5.9	-	13.9	5	-3.9	20	-	-	1.60	55	.83	17	15	7	4	5	0	0	0	7	6	12	0	-	-	-	
Knutsford		9 9	212	8.2	2.2	5.2	-	14.4	5	-5.0	20	6.3	9.4	1.90	-	.82	17	17	7	-	2	-	-	-	2	8	17	-	-	-	-	
Manchester Airport		21-9	248	7.8	3.3	5.5	-0.7	14.6	5	-4.0	20	-	-	1.47	49	.57	17	12	6	4	1	0	0	1	5	6	9	0	1.54	111	-	
Macclesfield		9 9	500	7.5	2.9	5.2	-0.4	13.3	5	-3.3	19	-	-	1.65	48	.50	17	16	7	6	7	1	0	1	5	7	-	0	-	-	-	
7b NORTH WALES																																
Flint	Rhyl	9 9	31	9.2	4.2	6.7	-0.9	13.9	5	-0.6	21,22	-	-	1.87	73	.62	17	14	9	0	0	0	0	0	0	3	3	2	2	1.93	102	-
	Prestatyn	9 9	12	9.4	4.5	6.9	-	14.4	5	-1.7	21	-	-	1.75	63	.65	17	15	9	0	0	0	0	0	1	2	-	1	1.95	-	-	
	Hawarden Bridge	9 9	17	8.9	3.2	6.1	-0.8	13.3	5	-0.6	13,16,20	-	-	1.86	68	.86	17	21	7	3	0	0	0	1	0	8	5	-	0	-	-	-
Anglesey	Holyhead (Valley)	21-9	26	9.8	5.5	7.7	-0.9	14.5	5	0.4	19	-	-	3.93	109	1.25	16	18	12	3	0	2	0	0	0	0	3	1	1.63	82	-	
	Alwen	9 9	1100	6.8	0.4	3.6	-	10.6	5	-6.1	22	-	-	3.85	-	1.08	17	22	17	-	-	-	-	-	14	21	-	-	-	-	-	
	Ruthin	9 9	248	8.4	2.6	5.5	-	13.9	1	-3.9	20	-	-	2.45	-	1.21	17	19	10	-	3	-	-	-	0	9	-	-	-	-	-	
Denbigh	Loggerheads	9 9	690	7.2	1.7	4.5	-	11.7	1.5	-4.4	20	6.3	8.6	2.80	-	1.40	17	22	11	5	6	1	0	0	4	11	15	0	-	-	-	-
	Bwlchgwyn	9 9	1267	5.8	1.7	3.7	-	10.0	1	-3.9	19,20	5.2	-	3.01	-	1.11	17	21	15	6	6	0	0	0	4	11	15	0	-	-	-	-
	Wrexham	9 9	275	6.3	2.7	4.5	-	13.3	3	-2.8	20	7.0	9.3	2.22	-	.83	17	17	9	3	3	0	1	1	3	7	19	0	-	-	-	-
Caernarvon	Bardsey Island	21-9	60	10.2	7.4	8.8	-	14.1	9	0.0	19	-	-	3.91	-	.57	1	17	14	-	-	-	-	-	-	0	1	2	-	-	-	-
	Botwnnog	9 9	112	9.7	4.8	7.3	-	13.9	1	0.0	20	7.9	10.2	4.93	-	1.06	16	17	13	1	0	1	2	0	0	1	10	1	1.66	-	-	
	Bryn Adda	9 9	275	9.2	4.7	6.9	-	13.3	5	-0.6	20	-	-	3.92	-	.77	17	16	14	2	0	0	4	0	0	1	10	1	1.51	-	-	
Merioneth	Cwm Dyli	9 9	324	8.8	3.7	6.3	-	12.8	1.5	-1.1	19	7.6	-	10.03	-	3.31	17	21	17	-	5	-	-	-	1	4	14	-	-	-	-	
	Aber	9 9	60	10.0	5.0	7.5	-0.6	13.9	1.5	0.0	20,21	-	-	2.99	-	.56	2	20	12	1	0	1	0	0	0	2	9	0	1.79	134 S	-	
	Llandudno	9 9	13	9.4	5.4	7.4	-0.8	13.9	5	1.1	20	-	-	1.87	52	.46	17	16	13	0	0	1	0	0	0	0	2	1.85	101	-	-	
Montgomery	Llyn Stwlwn	9 9	1656	5.4	1.5	3.5	-	8.9	1.14	-2.8	18,19,20	-	-	4.55	-	.62	17	22	17	-	8	-	-	-	10	22	-	-	-	-	-	
	Trawsfynydd	9 9	611	-	-	-	-	-	-	-	-	-	-	-	-	.53	15	20	14	-	-	-	-	-	-	-	-	-	-	-	-	
	Blaenau Ffestiniog	9 9	750	8.3	3.9	6.1	-																									



TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER NOVEMBER 1962

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)		WEATHER										BRIGHT SUNSHINE				
				Means of		Difference between Mean of A and B	Highest Maximum and Lowest Minimum				Total Fall			Percentage of Average	Most in a day	Precip'n	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. °C. or less	Gale	Daily Mean	Percentage of Average			
				A Max.	B Min.		Maximum	Date	Minimum	Date		1 ft.	4 ft.															in.	%	in.
				Max. Min.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.	0.1in. (2.5mm.) or more	0.01in. (0.25mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. °C. or less	Gale	hr	%	
8b ENGLAND, S.W.																														
Somerset	Hawridge (Liscombe)	99	1030	(7.2)	(2.1)	(4.7)	-	11.1	1	-2.8	20	-	-	5.28	-	(1.24)	(17)	(21)	(17)	3	3	0	0	0	5	9	13	0	-	-
	Cannington	99	95	9.2	3.6	6.4	-	13.9	1,2	-2.8	20	8.3	-	3.85	120	.99	17	14	10	0	0	0	0	0	5	14	0	1.67	-	
	Weston-s-Mare	99	28	9.2	4.0	6.6	-	13.3	3	-1.7	20	-	-	2.70	82	.52	6	18	11	0	0	0	0	0	4	4	2	1.40	68	
	Long Ashton	99	182	8.9	2.9	5.9	-1.2	13.9	2	-3.9	20	7.9	-	2.10	58	.40	16	15	10	2	0	0	1	1	2	7	16	0	1.48	78
	Bath (City Boys' School)	99	388	8.4	2.7	5.5	-	12.8	1,2	-2.8	19,20	-	-	2.60	-	.70	16	16	11	3	1	0	0	0	5	9	-	0	-	-
Dorset	Bath	99	67	8.9	2.6	5.7	-1.4	13.3	1,2	-2.8	20	7.3	10.2	2.66	84	.71	16	20	11	3	0	0	0	0	5	10	15	0	1.14	59
	Portland Bill	21-9	35	10.5	6.5	8.5	-0.9	15.0	4,5	0.0	19	-	-	2.93	90	.98	1	13	11	1	0	0	0	0	0	1	-	0	-	-
	Weymouth	99	16	9.9	4.4	7.1	-1.5	14.4	2,3	-2.8	20	-	-	3.59	96	.95	1	16	12	-	-	-	-	1	4	-	-	-	-	
	Shaftesbury	99	680	7.7	2.5	5.1	-1.3	12.2	2	-6.1	20	-	-	3.67	99	.85	6	17	14	-	2	-	-	2	7	-	-	-	-	
	Swanage	99	37	10.2	4.4	7.3	-	15.0	2,3	-3.9	20	-	12.0	3.22	-	.68	1	18	12	1	-	0	0	0	0	5	7	0	1.54	-
Devon	Poole	99	18	9.6	1.9	5.7	-	13.9	1,2	-5.0	20	-	-	3.66	-	.90	1	16	13	0	0	0	0	0	1	6	-	0	1.48	-
	Clayton	99	412	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Hartland Pt.	21-9	298	9.4	6.1	7.7	-	12.5	1,2	1.5	19	-	-	3.10	-	.53	4	19	13	3	1	1	0	0	2	10	-	-	-	-
	Plymouth (Mt. Batten)	21-9	87	10.0	5.0	7.5	-1.3	13.4	2	-1.6	20	-	-	2.75	-	.45	16	17	15	1	0	0	1	1	0	0	2	3	-	-
	Plymouth (The Hoe)	99	119	10.0	4.4	7.2	-1.5	13.3	1,2,3	-1.1	13,14,20	8.4	11.2	3.11	70	.76	20	17	12	3	0	2	0	0	0	6	11	1	1.51	66
Cornwall	Chivenor	21-9	20	10.2	4.7	7.5	-	14.3	1	-2.0	13	-	-	2.18	-	.39	6	14	11	2	0	0	0	1	0	3	9	1	1.77	-
	Ilfracombe	99	25	10.2	5.7	7.9	-1.3	13.3	1	1.1	13	8.4	11.4	3.01	70	.72	20	14	14	0	0	0	0	0	0	8	3	1.39	73	
	Totnes	99	120	9.8	1.7	5.7	-	13.9	2,3	-5.0	13	8.6	11.3	3.02	53	.71	16	18	12	2	0	0	1	1	2	14	20	1	1.60	-
	Slapton	99	104	10.2	4.6	7.4	-	14.4	4	-1.7	20	-	-	2.60	-	.66	16	15	12	1	0	0	0	0	1	4	5	0	-	-
	Newton Abbot	99	272	9.7	2.9	6.3	-1.4	13.9	2,3	-2.8	20	-	-	3.14	66	.60	16	16	9	1	0	0	0	0	9	14	0	1.79	76	
Cornwall	Paignton	99	8	10.3	3.5	6.9	-	13.9	1,2,3	-3.3	20	-	-	2.75	58	.69	16	19	14	1	0	0	0	1	0	6	11	0	1.65	70
	Torquay	99	26	10.2	4.1	7.1	-1.5	13.9	3	-2.8	20	-	11.3	2.56	60	.66	16	17	11	1	0	0	0	1	0	6	9	2	1.76	72
	Teignmouth	99	20	10.2	4.4	7.3	-1.4	13.9	1,2,3	-1.1	20	-	-	2.69	69	.63	16	19	11	1	0	0	0	1	1	2	6	1	1.74	70
	Starcross	99	29	9.8	2.9	6.3	-	13.9	1,2,3	-4.4	20	7.6	-	2.89	-	.54	16	16	12	1	0	0	0	1	0	8	13	0	1.82	-
	Exeter (Southam)	99	180	9.6	2.6	6.1	-	13.9	2,3	-5.6	20	-	-	3.70	-	.66	17	15	12	1	1	0	0	1	6	10	-	-	-	-
Cornwall	Exmouth	99	195	9.5	3.6	6.5	-1.4	13.3	2,3	-2.8	20	-	-	3.08	83	.63	4	16	13	1	0	0	0	1	7	-	3	1.78	74	
	Exeter	21-9	106	9.5	3.1	6.3	-	13.5	2,3	-5.0	20	-	-	3.52	91	.99	4	17	12	2	0	0	1	1	1	10	17	0	1.70	-
	Sidmouth	99	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	St. Mary's, Scilly	21-9	158	11.0	7.8	9.4	-0.6	14.6	1	3.8	19	-	-	2.72	75	.82	20	19	10	1	0	0	0	0	0	-	2	2.21	86	
	Penzance	99	62	11.2	5.7	8.5	-1.1	14.4	7	-1.7	13	-	-	4.57	93	.91	4	20	14	1	0	5	0	1	0	2	8	2	1.71	69
NORTHERN IRELAND	Gulval	99	50	10.8	5.4	8.1	-1.2	14.4	1	0.0	13,22	-	-	3.91	84	.92	4	20	16	-	0	-	-	0	2	12	-	1.68	69	
	Culdrose	99	288	10.2	4.7	7.5	-	13.3	1,7	-1.1	20,22	-	-	3.03	-	.59	20	15	14	2	1	3	0	1	1	4	12	2	1.68	-
	Camborne (Rosewarne)	99	250	10.2	5.4	7.8	-	13.9	1,7	0.0	13	8.2	10.4	3.82	85	.63	16	19	14	2	0	5	0	1	0	1	7	1	1.62	-
	Lizard	99	240	10.6	6.1	8.3	-	14.2	7	0.0	20	-	-	2.52	65	.62	20	16	12	2	-	0	2	0	-	1	-	5	1.72	-
	Falmouth	99	167	10.4	5.3	7.9	-1.2	14.4	1,7	0.6	19,20,22	-	-	3.23	61	.86	16	14	12	1	1	0	0	1	0	0	9	2	1.89	77
Antrim	Newquay	99	176	10.3	4.9	7.6	-1.2	13.9	1,7	-1.7	13	-	-	3.40	86	.70	16	20	17	1	-	0	3	0	-	3	-	2	1.51	63
	St. Mawgan	21-9	337	9.8	4.8	7.3	-	13.7	7	-0.3	22	-	-	3.31	-	.80	4	18	11	2	1	3	0	1	0	3	8	2	1.80	-
	St. Austell	99	310	10.3	4.4	7.3	-	13.9	1,7,9	-1.1	22	-	-	6.04	107	1.27	4	20	14	1	1	0	1	0	0	4	-	-	-	-
	Fowey	99	51	10.5	5.1	7.8	-1.1	13.9	3,7	-0.6	13,14,22	-	-	3.36	-	.99	17	14	13	1	0	0	2	0	0	3	-	-	-	-
	Bude	99	50	10.5	3.9	7.2	-1.3	13.9	1,2,25	-3.9	13	6.4	-	2.52	64	.61	4	16	11	-	0	-	-	-	6	-	-	1.74	74	
Down	Ellbridge	99	190	9.8	2.8	6.3	-	13.9	1	-3.3	14	-	-	3.64	-	.85	20	17	14	3	0	3	0	0	0	10	16	1	1.62	-
	Loughmore Forest	99	572	7.9	2.7	5.3	-	11.1	1	-2.2	21	-	-	2.77	-	.56	22	18	15	0	0	3	0	0	3	8	16	0	-	-
	Eglinton	99	38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Ballykelly	21-9	3	9.2	4.2	6.7	-0.2	12.6	23	-0.5	21	-	-	2.09	61	.52	22	14	11	3	0	5	0	0	0	1	11	1	1.05	50
	Derrynoyd Forest	99	292	8.4	3.0	5.7	-	11.7	1,23	-1.7	19	-	-	2.56	-	.50	22	15	10	4	2	2	0	0	0	6	17	0	-	-
Antrim	Somers Forest	99	142	9.0	3.5	6.3	-	12.2	1,5	0.0	20,21	-	-	3.94	-	.64	22	21	18	3	0	0	0	0	2	2	15	0	-	-
	Garvagh Forest	99	292	8.4	2.9	5.7	-	12.2	23	-0.6	19,20,21	-	-	3.22	-	.63	22	16	12	0	0	2	0	0	3	4	14	0	-	-
	Garvagh	99	121	8.6	2.9	5.7	-0.2	12.8	5	-1.1	19,20	8.0	-	2.74	65	.65	22	16	11	4	1	1	4	0	1	5	20	0	-	-
	Portrush	21-9	18	-	-	-	-	-	-	-	-	-	-	3.58	-	.66	2,22	15	12	-	-	-	-	-	-	-	-	-	0.96	-
	Aldergrove	99	217	8.2	3.8	6.0	-0.3	12.6	5	-6																				







TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS NOVEMBER 1962

[illegible]



TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS NOVEMBER 1962

DISTRICT, COUNTY AND PLACE			Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (OKTAS)		VISIBILITY										WIND, NUMBER OF OBSERVATIONS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
					At Mean Sea Level	Difference from Average	Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	Mean Amount	No. of Observations					NUMBER OF OBSERVATIONS										FORCE (0-12)				DIRECTION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
												0	1	2	3	4	5	6	7	8	9	0-44 yd.	45-210 yd.	220-430 yd.	440-1,090 yd.	1,100-2,190 yd.	2,200-4,390 yd.	3-5 mi.	7-12 mi.	13-24 mi.	25 mi. or over	8 or more	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 NOVEMBER 1962

DISTRICT, COUNTY AND PLACE		Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (OKTAS)					VISIBILITY										WIND, NUMBER OF OBSERVATIONS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
				At Mean Sea Level	Difference from Average	Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	Mean Amount	No. of Observations					NUMBER OF OBSERVATIONS					FORCE (0-12)					DIRECTION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
											0	1	2	3	4	5	6	7	8	9	0-44 yd.	45-210 yd.	220-430 yd.	440-1,090 yd.	1,100-2,100 yd.	2,200-4,300 yd.	3-6 mi.	7-12 mi.	13-24 mi.	25 mi. or over	Beaufort Force					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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TABLE XIII—SOLAR RADIATION AND INTENSITY OF DAYLIGHT, NOVEMBER

1962

STATION	TOTAL RADIATION ON A HORIZONTAL SURFACE mw. hr./cm <sup>2</sup>						DIFFUSE RADIATION ON A HORIZONTAL SURFACE mw. hr./cm <sup>2</sup>						INTEGRATED ILLUMINATION OF A HORIZONTAL SURFACE kilo lux-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 ... ..	97	4	6	7	38.5	30	61	1	5	23	28.9	30	118	4	9	7/23	46.6	30
Eskdalemuir ... ..	144	15	16	23	65.1	30	90	2	14	23	41.3	30	137	15	15	23	66.6	30
Cambridge ... ..	152	4	13	10	64.6	30	87	3	13	10	50.1	30	-	-	-	-	-	-
Kingsway ... ..	167	2	8	10	65.4	30	95	2	8	10	52.0	30	183	2	10	10	69.1	30
Kew ... ..	167	4	5	10	64.9	30	93	2	4	10	48.3	30	196	4	7	10	75.0	30
Aberporth ... ..	182	3	8	17	72.3	30	106	4	8	17	51.5	30	-	-	-	-	-	-

TABLE VIII—NUMBER OF DAYS IN NOVEMBER 1962 WITH MAXIMUM AND MINIMUM TEMPERATURES between given limits.

STATION	MAXIMUM TEMPERATURE °C.										MINIMUM TEMPERATURE °C.										STATION	MAXIMUM TEMPERATURE °C.										MINIMUM TEMPERATURE °C.									
	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° 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 ... ..	3	5	21	1	0	0	0	0	0	0	1	8	7	14	0	0	Birmingham ... ..	0	6	17	7	0	0	0	0	0	0	0	5	13	12	0	0								
Stornoway ... ..	0	5	17	8	0	0	0	0	0	0	0	7	10	12	1	0	Kew Observatory ... ..	0	3	15	12	0	0	0	0	0	0	0	5	9	15	1	0								
Craibstone ... ..	1	8	16	5	0	0	0	0	0	0	1	10	9	10	0	0	Hastings ... ..	0	3	14	13	0	0	0	0	0	0	4	12	14	0	0									
Rothsay ... ..	0	8	15	7	0	0	0	0	0	0	0	5	12	13	0	0	Southampton ... ..	0	3	14	13	0	0	0	0	0	0	7	9	14	0	0									
Renfrew ... ..	0	10	7	12	0	0	0	0	0	0	2	7	9	11	1	0	Stonyhurst ... ..	0	5	18	7	0	0	0	0	0	1	6	16	7	0	0									
Eskdalemuir ... ..	1	8	19	2	0	0	0	0	0	0	4	8	13	5	0	0	Bidston Observatory ... ..	0	5	16	9	0	0	0	0	0	0	2	17	11	0	0									
Douglas ... ..	0	1	18	11	0	0	0	0	0	0	0	3	11	15	0	0	Holyhead (Valley) ... ..	0	0	15	15	0	0	0	0	0	0	12	17	1	0	0									
Cockle Park ... ..	0	8	19	3	0	0	0	0	0	0	1	7	18	4	0	0	Falmouth ... ..	0	0	13	17	0	0	0	0	0	0	14	16	0	0	0									
Gorleston ... ..	0	4	16	10	0	0	0	0	0	0	0	4	12	12	2	0	Aldergrove ... ..	0	3	17	10	0	0	0	0	0	1	3	16	10	0	0									
Cambridge ... ..	0	5	15	10	0	0	0	0	0	0	0	10	13	7	0	0	Armagh ... ..	0	3	18	9	0	0	0	0	0	0	5	17	8	0	0									

TABLE II—ADDITIONS AND CORRECTIONS

MONTH	STATION	Height of Vane			Distribution of Mean Hourly Values of Wind Speed								Mean Hourly Wind Speed	Highest Velocities						
		Above Mean Sea Level	Above Ground	Effective Height	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			
					Dates of Occurrence	Duration	No. of days	Duration	Duration	Duration	Duration	Veer from N.		Speed	Hour ended at	Speed	Day and Time			
		ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	hr.	knots	°	knots	day hr.	knots	day	h.m.	
1960																				
May	Rannoch	1006	56	57										-						
1961																				
February	Dungeness	70	50	33	6	2	11	80	261	184	136	9	11.7	260	37	6	12	47	6	1115
March	Dungeness	70	50	33	-	0	7	32	228	267	182	35	8.8	240	28	29	16	40	29	1445
April	Dungeness	70	50	33	-	0	3	5	275	252	138	50	9.0	210	22	5	12	32	21	0535
May	Dungeness	70	50	33	-	0	6	34	374	222	103	11	11.3	260	30	7	18	44	7	1745
June	Dungeness	70	50	33	-	0	3	5	212	270	233	0	7.6	250	23	11	16	35	13	0310
July	Rannoch	1006	56	57										-						
July	Dungeness	70	50	33	14	1	4	40	184	288	226	5	8.1	250	34	14	20	48	14	2000
August	Rannoch	1006	56	57										-						
August	Dungeness	70	50	33	8	7	8	58	287	270	122	0	10.9	250	42	8	10	63	8	0950
October	Rannoch	1006	56	57										-						
November	Rannoch	1006	56	57										-						
December	Rannoch	1006	56	57										-						
1962																				
Jan.-July	Carlisle			30																
March	Rannoch	1006	56	57										-						
April	Rannoch	1006	56	57										-						
May	Rannoch	1006	56	57										-						
June	Bell Rock	128	131	124	18-20,24	21	17	165	337	165	32	0	16.5	210	44	24	05	60	24	0430
July	Lerwick	304	33	33																
July	Bell Rock	128	131	124	19	1	12	85	374	221	63	0	12.8	130	34	19	04	44	19	0325
August	Dunreay	110	39	30	-	0	11	67	322	309	46	0	12.1	280	30	4	13	51	4	1230
August	Bell Rock	128	131	124	4,10-12,24,26	23	21	229	370	95	27	0	18.6	220	45	11	19	65	11	1810
August	Rannoch	1006	56	57	11,24	5	13	92	352	239	43	13	13.0	-	36	11	16	57	11	1530
August	Willport	50	34	34	-	0	9	47	280	260	157	0	10.4	050	30	15	06	53	11	1750
August	Paisley	188	81	31	-	0	1	1	277	332	134	0	8.7	220	22	11	18	51	11	1740
August	Gorleston	45	33	33	*															
August	Calshot	50	41	33	-	0	10	51	358	287	48	0	11.9	120	29	14	16	43	7	0150
August	St. Mary's, Scilly	230	65	57	-	0	7	41	369	240	94	0	11.4	210	30	3	13	47	3	1250
September	Bell Rock	129	131	124	28-30	14	16	114	422	152	18	0	15.9	140	54	30	05	71	30	0400
October	Bell Rock	129	131	124	1,18,25,27,28,30	39	17	160	343	149	53	0	17.0	240	42	30	11	53	30	1045

\* Defective Record

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DUPLICATE

# Monthly Weather Report

## OF THE METEOROLOGICAL OFFICE

M.O. 722

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



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Volume 79 Number 12

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December 1962 — *Cold; fog early, gales mid-month, heavy snow-fall last week.*

After nearly a week of anticyclonic weather the 7th-20th was mainly cyclonic with troughs moving eastwards across the country in an airstream frequently from high latitudes. Weather during the remainder of the month was dominated by anticyclones over the continent and near Iceland.

A ridge of high pressure extending westwards from the continent covered much of the British Isles for most of the first week. Weather was generally dry but foggy with light variable or south-easterly winds in the south and mainly southerly winds in the north-west. Wide-spread overnight fog in central and southern England cleared during the day on the 1st and 2nd, but during the latter part of the week it persisted day and night over much of the country with sub-freezing temperatures. The fog thinned during the night of the 5th/6th except in south-east England, and by noon the next day was chiefly confined to the Thames Valley where it was very dense in places. The spell of fog in the London area lasting from the 4th to the 6th, was the worst since the "Great Smog" of December 1952.

A changeable period followed, stormy weather alternating with fairer spells. Wind increased on the 7th clearing the last of the fog, and cold-front rain, associated with a deep depression near Iceland, reached western Scotland during the afternoon; rain became heavy the following morning as a wave on the cold front moved over the country. Gales were widespread and temperatures about average. After a showery day on the 9th warm-front rain, of a depression moving south-east towards Scotland, reached western districts during the afternoon of the 10th, and rain continued in most districts during the night and for much of the following day with fresh to strong winds reaching gale force at times. On the 12th a cold northerly airstream behind the depression brought snow to parts of Scotland and eastern England; it lay 2 in. deep in parts of Durham and Norfolk. There were occasional snow and sleet showers on the 13th, but rain, associated with an active depression south of Iceland, reached north-west districts during the evening and spread south-east across the country that night and the next day. The 15th was very wet and stormy with a deep depression moving south-east across northern Scotland. Winds of an average speed around 50 kt swept across Northern Ireland and western Scotland.

The gales subsided gradually on the 16th which began nearly a week of generally showery weather (thunder, hail and sleet were widespread on the 18th) with north-westerly winds and good sunny periods, except for the 17th and 20th when troughs moving east across the country brought more continuous rain to most districts.

The weather pattern changed on the 22nd, a quiet foggy day with rapidly rising pressure. By the 23rd a ridge of high pressure extended from the southern Baltic to south-west England and a very cold easterly airstream from central Russia spread to most districts of the British Isles. The 23rd and 24th were fine sunny days in England and Wales with temperature around freezing throughout, but a trough of low pressure moving southwards brought rain to the extreme north of Scotland on the 24th. The rain turned to snow as it moved slowly southwards, and on Christmas Day level snow lay 3 in. deep in the Glasgow area. Late on the 25th the anticyclone over the British Isles moved westwards to the Atlantic, and the trough, continuing its movement southwards, brought snow to all districts on the 26th; it became slow-moving over southern England during the evening giving many places 24 hours of continuous snow. Much of southern England lay under a foot of snow on the 27th and snow was 2 in. deep in the Channel Islands. The snow gradually died out the next day clearing the south coast by mid-afternoon. On the 29th a depression moved north from the Bay of Biscay towards south-west England and an associated trough of low pressure advanced slowly north to the English Channel. This brought heavy snowfall

with much drifting in gale force winds. Many towns and villages were completely isolated by snowdrifts, in places, 15-20 ft. deep. Snow turned to rain in the extreme south-west on the 31st, but elsewhere temperature remained below freezing with snow showers in the north.

**Pressure and Wind** — Pressure was everywhere above average, the excess at 9 hr ranging from 5.0 mb at Stornoway to 1.3 mb at Shoeburyness. Surface winds were mainly between south and south-east until the 6th, becoming predominantly north-westerly until the 22nd, after which winds were mainly easterly in the south, but rather more variable in the north, until the end of the month. Wind reached gale force in Scotland on 16 days, and in England and Wales on the 7th-16th, 20th, 24th, and 29th-31st (15 days) where gales were widespread on the 15th and 16th. On the 15th a gust of 102 kt was recorded at Lowther Hill, Lanarkshire, and one of 78 kt at Bidston Observatory.

**Temperature** — Mean temperatures were below the 1921-50 average everywhere, the deficit being 2.3°C in England and Wales, 1.0°C in Scotland and 0.7°C in Northern Ireland. Temperature was about average from 7th-20th, otherwise it was considerably below average, especially during the last week of the month when frosts were very severe; at Huddersfield a grass minimum temperature of -16.5°C was recorded, the lowest there since 1895. In the London area mean screen temperatures over the Christmas period (24th-26th) were the lowest since 1897.

**Extremes included:** (England and Wales) 15.0°C at Mackworth on the 15th, -15.6°C at Loggerheads on the 29th; (Scotland) 13.3°C at Kinlochewe on the 5th, -16.1°C at Braemar on the 30th; (Northern Ireland) 13.3°C at Ballyhalbert and Loughgall on the 15th, -9.4°C at Knockmany on the 29th.

**Precipitation** — The general rainfall expressed as a percentage of the 1916-50 average was 83 over England and Wales, 113 over Scotland and 101 over Northern Ireland. In England and Wales rainfall exceeded the average along the south coast of Sussex and Kent, and in parts of Cornwall, Lancashire and north-east Wales, the east Midlands and north-east England. In Scotland, it was appreciably above the average only over the northern half of the country.

Thunder was heard in Scotland on 8 days and in England and Wales on the 8th, 9th, 12th, 13th, 16th, 18th, 19th and 28th (8 days).

Snow or sleet showers occurred in most districts around the 13th with falls of up to 2 in. in parts of the north-east. Most of the country was snow-covered during the last week of the month, snow-fall beginning in the north on the 25th and in the south on the 26th; it was 12 in. deep at many places in the south-east, including the London area, on the 30th and 31st. Snow or sleet was reported at one place or another on 24 days in Scotland, and ground was snow-covered on 22 mornings; in England and Wales the corresponding figures were 12 and 7.

**Sunshine** — The general sunshine expressed as a percentage of the 1921-50 average was 157 over England and Wales, 119 over Scotland and 98 over Northern Ireland. In Scotland sunshine totals were mostly above December averages except for a few places adjacent to the inner Moray Firth. Some places in the south had quite large excesses. Parts of central and south-east England had more than twice their average amount and there was more than three times the average locally in central London. At Hastings and Worthing it was the sunniest December since records began in 1883 and 1899 respectively.

**Fog** — Fog was widespread during the first week, and was reported from one place or another on 22 days in Scotland and on 1st-7th, 12th, 14th, 15th, 17th-20th, 22nd and 24th-31st (23 days) in England and Wales.

**Miscellaneous Phenomena** — The aurora was observed in Scotland on 14 nights.



TABLE I—DISTRICT VALUES— DECEMBER 1962 (1908, revised 1928, 1941 and 1956)

DISTRICTS	AIR TEMPERATURE					EARTH TEMPERATURE		RAINFALL		SUNSHINE
	Highest	Lowest	Difference from Average			At 1 ft. Difference from Average	At 4 ft. Difference from Average	Per-centage of Average	No. of Days Difference from Average	Per-centage of Average
			Max.	Min.	Mean					
0 SCOTLAND, N.	°C. 13.3	°C. -10.0	°C. -0.7	°C. -0.6	°C. -0.6	°C. —	°C. —	% 125	0	104
Eastern										
1 SCOTLAND, E.	12.8	-16.1	-1.1	-1.1	-1.1	—	—	118	+1	113
2 ENGLAND, N.E.	13.3	-14.2	-1.8	-3.2	-2.5	-1.4	-0.8	76	-2	153
3 ENGLAND, E.	13.9	-15.0	-1.8	-3.1	-2.5	-1.9	-1.2	91	-4	166
4 MIDLAND COUNTIES	15.0	-13.3	-2.5	-3.0	-2.8	-1.5	-0.6	73	-4	137

DISTRICTS	AIR TEMPERATURE					EARTH TEMPERATURE		RAINFALL		SUNSHINE
	Highest	Lowest	Difference from Average			At 1 ft. Difference from Average	At 4 ft. Difference from Average	Per-centage of Average	No. of Days Difference from Average	Per-centage of Average
			Max.	Min.	Mean					
5 ENGLAND, S.E.	°C. 14.4	°C. -10.6	°C. -1.8	°C. -2.6	°C. -2.2	°C. -1.9	°C. -1.0	% 101	-4	184
Western										
6 SCOTLAND, W.	12.2	-11.7	-1.0	-1.5	-1.2	-0.3	+0.1	91	-3	141
7 ENGLAND, N.W. (and N. Wales)	14.4	-15.6	-1.8	-2.5	-2.1	-0.4	+0.2	92	-4	181
8 ENGLAND, S.W. (and S. Wales)	14.4	-9.4	-1.9	-2.2	-2.0	-1.1	-0.8	80	-2	124
NORTHERN IRELAND	13.3	-9.4	-0.5	-1.0	-0.7	-	-	101	-3	98

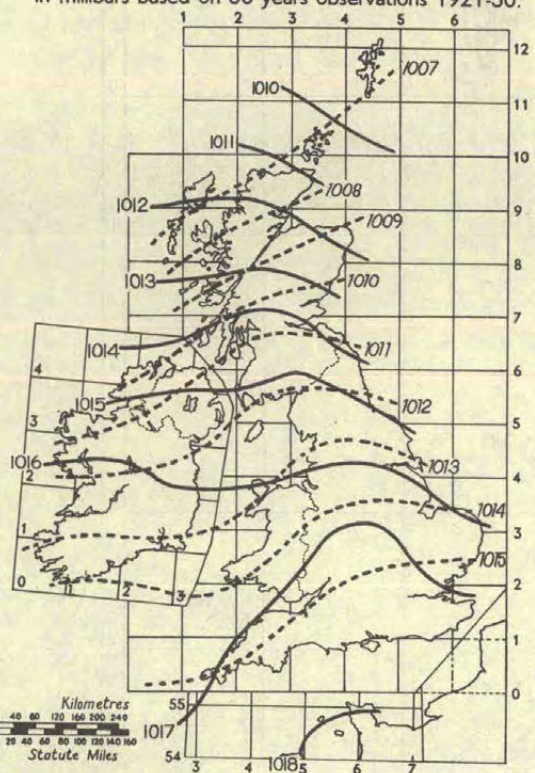
TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— DECEMBER 1962 (1914)

DISTRICT, COUNTY AND PLACE		Height of Vane			Distribution of Mean Hourly Values of Wind Speed										Mean Hourly Wind Speed	Highest Velocities					
		Above Mean Sea Level	Above Ground	Effective Height	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					
					Dates of Occurrence	Duration	No. of days	Duration	Duration	Duration	Duration	Veer from N.	Speed	Hour ended at		Speed	Day and Time				
		ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	knots	°	knots	day hr.	knots	day	h.m.			
SCOTLAND																					
0	Zetland	Lerwick	304	33	33	12, 20	5	12	74	388	239	38	0	13.0	030	36	12	20	55	12	1355
	Orkney	Kirkwall (Grimsetter)	134	50	33	11, 12	10	13	108	376	224	26	0	14.0	330	38	12	16	54	12	1740
	Caithness	Dounreay	110	39	30	12, 14	6	15	111	396	217	14	0	14.4	330	40	12	19	68	14	1920
	Ross & Cromarty	Stornoway (Coastguard)	120	40	36	2, 5, 7, 8, 11, 12	56	27	333	282	67	6	0	21.4	280	42	15	14	66	15	1305
	Inverness	Duirinish	125	65	55	7, 12, 14, 15	14	13	79	365	240	46	0	13.1	260	48	15	16	74	15	1415
		Benbecula	69	51	35	8, 9, 11, 12, 15, 16	27	19	186	376	131	24	0	17.2	280	51	15	17	82	15	1215
1	Moray	Lossiemouth	101	80	60	12	1	12	64	328	267	83	1	11.4	010	34	12	24	57	12	1810
	Aberdeen	Dyce	225	40	40	-	0	7	18	284	291	151	0	9.2	310	29	12	21	46	13	0425
	Angus	Bell Rock Lighthouse	128	131	124	7, 8, 12-16, 30, 31	55	20	187	374	115	13	0	18.9	300	42	12	21	57	15	1520
	Perth	Rannoch	1006	56	57	14, 15	11	13	75	279	175	191	13	10.8	260	53	15	18	83	15	1625
	File	Leuchars	78	40	40	8, 15, 31	5	8	62	226	345	106	0	10.5	270	36	15	16	62	15	1500
	Midlothian	Edinburgh	485	39	23	7, 8	6	9	49	342	182	162	3	11.0	180	42	8	06	64	8	0450
6a	Argyll	Tiree	89	60	47	7, 9, 11-16, 19	73	24	341	255	49	26	0	22.3	290	56	15	18	85	15	1605
	Bute	Millport	50	34	34	8, 15, 31	9	9	54	206	313	141	21	10.3	060	39	31	04	59	15	1430
	Renfrew	Paisley	188	81	31	15	1	5	20	184	291	248	0	7.2	280	34	15	24	65	15	1655
		Renfrew	71	41	39	8, 15	2	9	47	173	281	241	0	8.1	310	35	15	24	63	15	1840
	Ayr	Prestwick Airport	58	33	33	15, 16	10	7	40	265	339	90	0	10.5	300	44	15	24	62	8	0550
	Dumfries	Eskdalemuir	825	50	35	8, 15, 16	5	9	53	191	239	256	0	8.4	180	38	8	08	75	15	1840
	Wigtown	West Freugh	83	33	33	8, 15, 16	17	11	67	390	187	83	0	13.0	290	55	15	22	82	15	2055
ENGLAND AND WALES																					
6b	Isle of Man	Point of Ayre	70	40	35	8, 9, 15, 16	20	20	188	397	135	4	0	17.7	280	47	15	23	70	16	0100
		Ronaldsway	119	64	39	7-9, 15, 16, 30, 31	60	19	210	386	75	13	0	19.6	280	49	15	22	77	15	1730
2	Durham	Durham	389	53	33	14, 15	4	7	48	270	201	221	0	9.9	260	35	15	19	65	15	1650
		South Shields	73	57	44	-	0	9	73	258	367	46	0	11.4	310	33	16	02	56	15	2025
	Lincoln	Cranwell	288	47	47	15, 16	13	8	48	293	309	81	0	11.1	290	42	16	04	66	15	2105
3	Norfolk	Gorleston	45	33	33	-	0	10	91	385	240	16	12	13.3	070	32	30	10	55	16	0215
	Suffolk	Mildenhall	98	83	60	15, 16	5	4	19	268	317	195	0	8.3	300	39	16	02	68	15	2359
	Bedford	Cardington	226	133	133	15, 16	10	10	81	332	193	128	0	12.2	270	43	16	04	68	16	0350
	Hertford	Rothamsted	461	41	33	-	0	2	3	142	345	254	0	6.4	260	23	15	24	49	15	2350
	Essex	Stanstead Abbots	138	41	40	-	0	5	23	256	339	126	0	9.3	290	30	15	21	56	15	2250
		Coryton	66	57	48	-	0	15	142	329	158	80	8	15.0	300	42	16	05	71	16	0450
		Shoeburyness	118	106	91	8, 15, 16, 29, 30	27	15	142	329	158	80	8	15.0	300	42	16	05	71	16	0450
4	Yorks, W.R.	Sheffield	533	83	35	-	0	2	7	119	341	277	0	5.9	280	25	16	01	65	15	1835
	Warwick	Birmingham (Edgbaston)	643	118	73	-	0	3	9	235	407	93	0	8.6	280	26	16	04	53	16	0545
	Stafford	Keele	706	50	33	-	0	4	24	224	362	134	0	8.7	300	31	16	03	65	15	2400
	Gloucester	Avonmouth	92	61	33	8, 9, 15, 16	10	11	67	309	173	142	43	11.5	280	36	15	24	56	15	2305
5	London	Kingsway	208	143	41	-	0	2	15	237	370	122	0	8.8	260	31	16	01	60	16	0050
	Middlesex	London (Heathrow) Airport	115	33	33	15, 16	2	7	46	260	309	127	0	10.0	280	35	15	22	54	15	2125
		Hampton	139	101	100	-	0	5	21	227	276	220	0	7.8	270	33	16	02	57	16	0050
	Surrey	Kew Observatory	92	75	50	-	0	6	20	230	313	181	0	8.2	290	28	16	01	60	16	0030
		London (Gatwick) Airport	232	38	33	-	0	9	48	211	272	213	0	8.6	290	32	16	02	59	16	0030
	Kent	Isle of Grain	48	40	33	-	0	9	68	240	226	194	16	9.4	080	33	30	03	(49)	15	2145
		Dungeness	70	50	33	-	0	13	119	253	214	142	16	11.9	240	33	9	07	51	9	0645
		Dover	68	38	62	-	0	11	91	305	256	84	8	12.0	(060)	32	30	05	60	16	0510
	Sussex	Thorney Island	75	65	42	-	0	6	34	274	328	108	0	9.8	280	32	15	21	55	15	2025
	Hampshire	Calshot	50	41	33	-	0	10	64	450	223	7	0	13.2	220	32	8	14	50	15	2155
		S. Farnborough	318	69	35	-	0	4	20	172	285	267	0	7.2	280	29	16	03	55	16	0250
	Berkshire	Abingdon	295	40	40	-	0	4	22	255	264	203	0	8.2	280	29	16	03	49	15	1955
	Wiltshire	Larkhill	491	51	36	-	0	9	53	291	292	108	0	10.7	280	32	15	21	55	15	2025
		Porton	408	44	44	-	0	9	50	234	256	204	0	9.3	210	31	8	11	51	15	2000
7a	Cumberland	Carlisle	137	42	30	-	0	4	20	179	385	160	0	8.1	290	32	16	01	59	15	2020
		Sellafield	83	39	35	15, 16	8	7	45	297	349	28	17	11.8	300	41	15	23	59	15	2250
		Spadeadam	959	51	40	8, 15, 31	8	11	71	238	297	130	0	10.8	270	39	15	20	64	15	1855
	Westmorland	Moor House	1960	50	45	8, 14-16	32	20	187	318	155	44	8	16.9	280	45	15	20	66	15	2035
	Lancashire	Southport	59	41	33	15, 16	12	10	80	275	274	103	0	11.9	290	45	15	23	64	15	2310
		Liverpool Airport	84	41	33	15, 16	9	8	92	308	261	74	0	12.5	300	41	16	01	76	16	0205
	Cheshire	Bidston Observatory	262	64	39	15, 16	13	15	111	383	172	57	8	-	300	(48)	16	01	(78)	15	2340
		Manchester Airport	261	33	33	15, 16	5	8	74	229	260	176	0	10.1	290	42	16	01	63	16	0035
7b	Anglesey	Holyhead (Valley)	76	50	40	8, 15, 16	18	14	141	298	194	93	0	13.9	190	42	8	08	70	9	0305
8a	Cardigan	Aberporth	483	41	41	8, 9, 12, 15, 16, 30	40	22	250	321	125	8	0	18.9	310	45	16	01	63	16	0345
	Pembroke	Milford Haven	246	50	35	-	0	9	63	367	243	73	58	11.7	(280)	33	9	06	(57)	9	0545
	Glamorgan	Port Talbot	91	40	35	9, 15, 16	8	16	96	369	223	48	0	13.7	300	37	16	03	66	29	1610
		Rhoose	257	37	32	9, 15, 29, 30	13	12	121	315	288	7	0	14.1	090	41	29	24	63	29	2340
8b	Devon	Plymouth	191	88	65	8	4	10	64	352	247	77	0	12.1	-	36	8	11	51	15	1135
	Cornwall	St. Mary's, Scilly	230	65	57	8, 12, 13, 15, 16, 17	53	19	207	357	105	22	0	18.6	100	42	30	02	69	30	0115
		The Lizard	315	75	60	8, 9, 12, 15, 16	51	19	183	327	149	29	5	17.9	090	45	30	02	69	30	0010
NORTHERN IRELAND																					
	Londonderry	Ballykelly	52	50	35	15	11	9	58	257	250	168	0	10.3	290	46	15	21	75	15	2010
	Antrim	Aldergrove	281	65	55	15, 31	11	8	66	325	297	45	0	12.2	280	38	15	14	61	15	1350
		Nutts Corner	344	31	31	-	-	-	-	-	-	-	-	-	250	38	15	17	62	15	1900
CHANNEL ISLES																					
		Jersey Airport	359	86	50	9, 15, 16	22	15	158	365	180	19	0	15.9	270	42	15	22	65	15	2140

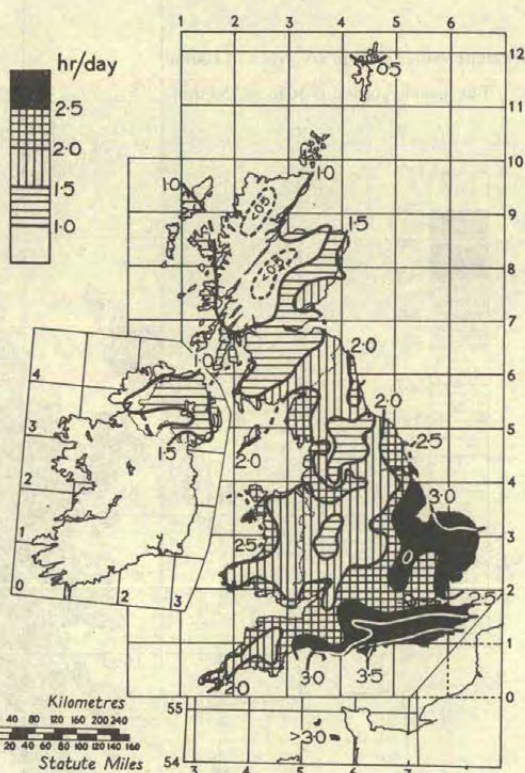


## MEAN PRESSURE AT 9 G.M.T.

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



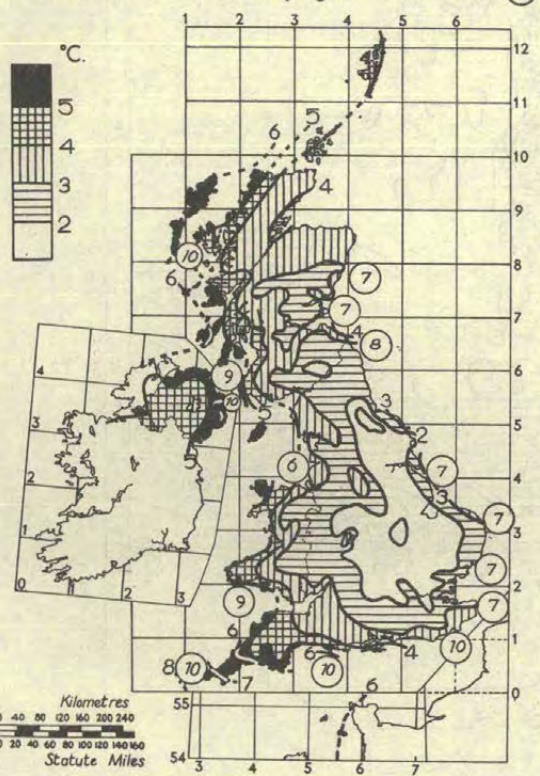
## BRIGHT SUNSHINE



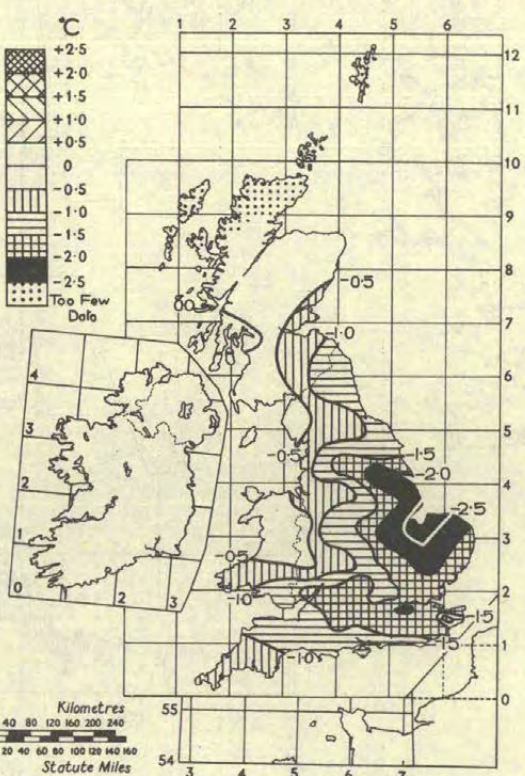
## MEAN AIR TEMPERATURE

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 DECEMBER 1962

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

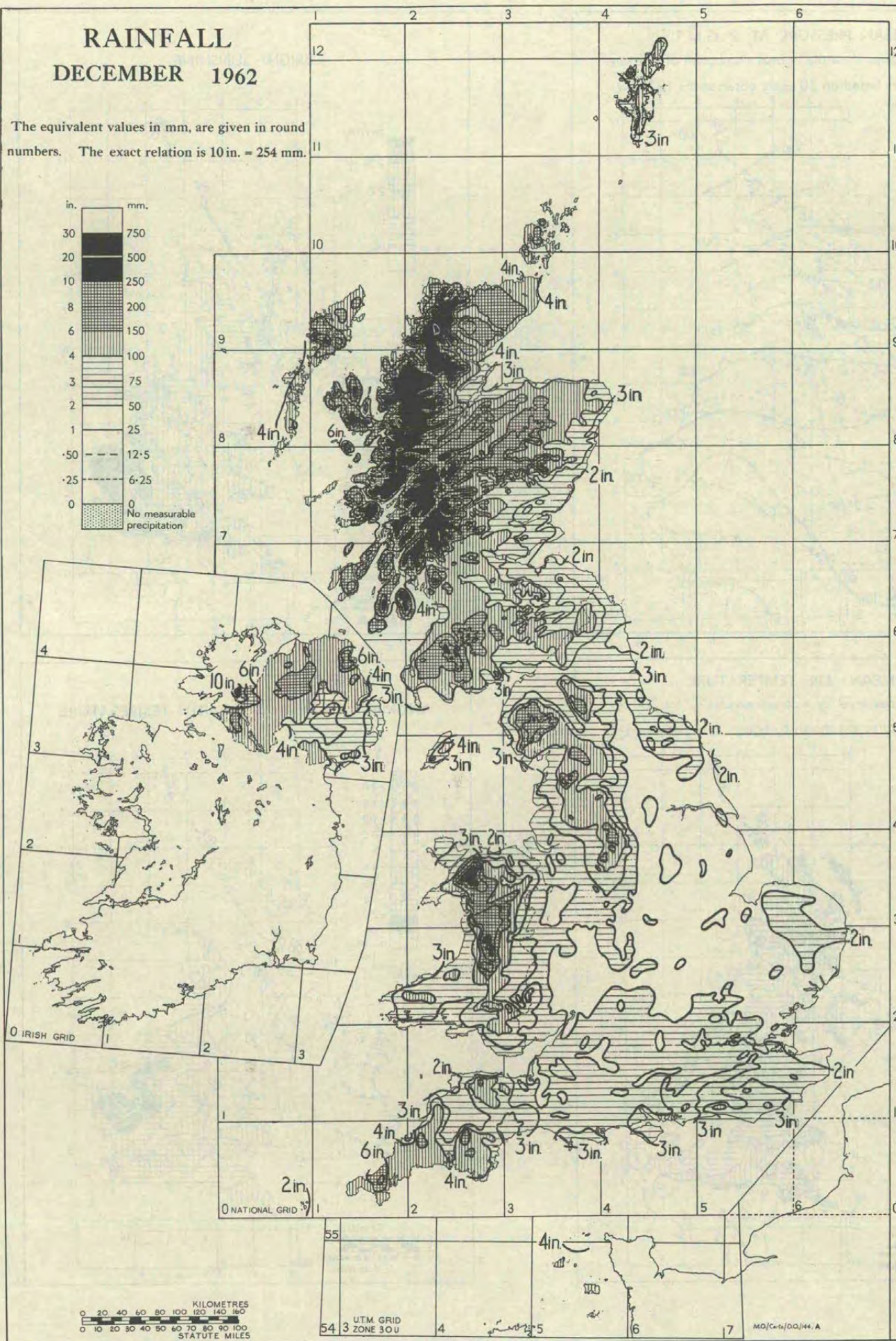
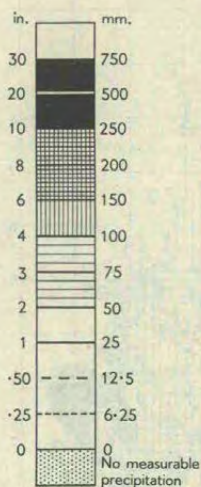




TABLE III—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER DECEMBER 1962

DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)		WEATHER Number of days										BRIGHT SUNSHINE					
			Means of		Difference from Average	Highest Maximum and Lowest Minimum				1 ft.	4 ft.	Total Fall	Percentage of Average	Most in a day	Precip'n				Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. O°C or less	Gale	Daily Mean	Percentage of Average	
			A	B		Maximum	Date	Minimum	Date						-0.1in. (0.2mm.) or more	-0.1in. (1.0mm.) or more														
			Max.	Min.		Max.	Date	Min.	Date						Amount	Date														
G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.															hr	%	
0 SCOTLAND, N.																														
Zetland																														
	9 9	70	6.4	2.4	4.4	-	10.6	3	-2.8	13	-	-	3.74	-	.69	20	25	18	7	6	2	0	0	0	9	-	6	0.57	-	
	21-9	289	5.0	2.1	3.5	-0.8	10.0	5	-5.0	29	-	-	4.23	95	.74	20	25	20	16	6	2	11	1	2	11	19	3	0.58	141	
	9 9	78	5.7	1.7	3.7	-	10.0	4	-4.4	30	5.0	-	5.29	105	.52	10	27	24	16	6	5	0	0	0	11	-	6	0.17	-	
Orkney																														
	9 9	43	7.4	4.6	6.0	-	10.5	4, 5, 7	-0.5	26, 27	-	-	5.01	-	.73	10	23	23	6	0	0	0	0	0	2	9	2	-	-	
	9 9	75	6.2	1.4	3.8	-	10.6	4	-6.7	30	4.7	-	5.92	-	.84	11	24	19	11	7	3	1	3	0	8	20	2	0.43	-	
	9 9	115	6.5	2.4	4.5	-	10.6	4, 5	-0.6	30, 31	-	-	5.72	-	.85	14	24	20	12	4	7	8	1	0	5	10	8	0.63	-	
Caithness																														
	9 9	84	5.7	2.2	3.9	-	9.9	4	-2.8	30	-	-	5.65	125	.76	10	24	21	15	3	13	0	1	0	7	14	0	0.71	-	
	9 9	70	7.2	0.8	4.0	-	11.7	4	-9.4	30	-	-	4.97	-	.54	18	24	22	4	6	0	3	0	0	7	18	3	-	-	
	21-9	119	5.6	1.8	3.7	-1.0	10.4	4	-7.2	30	-	-	4.12	139	.47	14	24	22	13	2	0	11	0	0	9	19	3	0.97	92	
Sutherland																														
	21-9	387	6.9	3.5	5.2	-	10.5	5, 7	-1.5	30, 31	-	-	5.47	112	.57	13	22	22	11	6	7	0	1	0	6	7	6	-	-	
	9 9	280																												
	9 9	120	6.3	0.6	3.5	-	11.7	4	-10.0	30	-	-	5.84	132	.51	11, 18	23	22	16	4	0	3	0	1	9	-	0	0.55	- S	
Ross & Cromarty																														
	21-9	11	7.3	3.4	5.3	-0.1	10.8	15	-5.9	30	-	-	5.18	128	.49	7	22	19	11	3	1	11	1	0	7	14	5	0.87	112	
	9 9	2																												
	9 9	20	7.8	2.3	5.1	-	12.2	4, 5, 6	-7.2	30	-	-	5.90	-	.98	10	17	17	5	-	2	0	0	0	0	8	17	0	0.70	- S
	9 9	220	6.5	-0.1	3.2	-0.7	12.2	7	-6.7	30	-	-	11.78	136	1.85	14	18	17	6	0	1	0	0	0	15	-	0	-	-	
	9 9	76	7.9	1.1	4.5	-	13.3	5	-7.8	30	5.3	-	11.27	-	1.98	15	17	17	6	7	1	1	0	1	13	24	1	0.37	- S	
	9 9	690																												
	9 9	15	6.6	2.7	4.7	-0.2	11.1	5, 7	-2.8	30	-	-	3.24	158	.30	25	19	18	7	3	0	0	0	0	6	-	0	0.78	71	
Inverness																														
	21-9	60	5.8	2.2	4.0	-	10.5	4	-5.0	29, 31	-	-	3.71	-	.43	23	23	18	9	4	0	0	0	0	6	-	0	-	-	
	21-9	19	7.4	4.0	5.7	-	11.1	15	-5.3	30	-	-	4.29	93	.53	10	25	20	4	5	4	4	0	0	6	11	8	1.09	-	
	9 9	15	7.8	3.1	5.5	-	11.7	14, 15	-2.8	28, 29, 30	5.7	8.3	9.65	-	1.42	7	22	21	5	1	1	4	2	1	8	20	6	-	-	
	9 9	220	6.6	2.1	4.3	-	10.6	15	-3.3	30	-	-	7.79	-	.94	7	24	22	6	6	2	11	2	1	8	18	7	1.16	-	
	9 9	294	6.8	2.6	4.7	-	10.0	7, 15	-3.3	29	-	-	5.84	105	.68	10	23	21	7	5	6	0	1	0	6	12	5	0.63	- S	
	9 9	48	6.8	1.1	3.9	-1.0	12.2	7	-4.4	29, 30	-	-	8.99	103	1.33	7	20	19	5	7	0	0	0	0	12	22	0	0.67	97 S	
	9 9	27	6.9	0.9	3.9	-	12.2	7	-5.0	29, 30	4.0	5.9	6.68	-	1.05	7	21	17	6	2	0	1	0	0	11	21	1	0.64	- S	
	9 9	70	6.1	0.6	3.3	-0.6	11.1	7	-6.7	29, 30	-	-	5.89	-	.72	14	22	20	8	7	0	0	0	1	12	-	0	0.84	- S	
	9 9	350	6.1	-0.8	2.7	-	11.7	4	-10.0	29	-	-	7.46	149	1.35	15	22	19	6	9	0	0	0	0	17	27	1	-	-	
	18-9	1176																												
	9 9	13	6.9	1.7	4.3	-	11.7	5	-4.4	29	-	-	3.21	-	.30	8, 29	21	20	5	6	0	0	0	0	9	20	0	0.84	-	
	9 9	1000																												
	9 9	1120																												
1 SCOTLAND, E.																														
Nairn																														
	9 9	20	6.3	0.9	3.6	-0.6	11.7	4, 7	-6.7	29	-	-	3.01	158	.33	18	21	19	3	5	0	0	0	0	8	27	1	1.04	92	
Moray																														
	9 9	720																												
	9 9	155	6.0	0.7	3.3	-	11.1	4	-7.8	30	3.4	5.9	3.44	197	.36	25	19	19	6	5	2	1	0	0	11	20	0	1.15	-	
	21-9	15	5.9	1.2	3.5	-	11.5	4, 7	-8.2	30	4.4	-	4.11	-	.41	23	19	18	12	4	0	6	0	0	9	21	1	1.02	-	
	9 9	92	6.8	1.1	3.9	-	12.2	4	-6.1	29, 30	-	-	4.57	-	.70	27	21	19	8	4	0	0	0	0	7	18	0	1.23	-	
	9 9	21	6.5	0.6	3.5	-	10.6	4, 7, 10	-8.3	30	-	-	3.67	-	.49	27	21	19	8	4	0	6	0	0	9	23	2	-	-	
	9 9	104	6.3	0.9	3.6	-0.5	11.1	4	-7.2	30	-	-	4.09	183	.42	12	22	20	7	5	3	0	0	0	11	-	0	0.84	77	
Banff																														
	9 9	80	6.2	0.6	3.4	-	9.4	4, 7	-7.2	29, 30	-	-	4.06	-	.46	19	23	20	9	4	2	0	0	0	5	-	3	0.91	-	
Aberdeen																														
	9 9	1113	4.0	-1.9	1.1	-0.8	8.3	4, 7, 8	-16.1	30	-	-	5.44	145	.99	7	21	20	-	13	-	-	-	-	20	-	-			



TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER DECEMBER 1962

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)			WEATHER Number of days										BRIGHT SUNSHINE				
				Means of		Mean Temperature Mean of A and B	Difference from Average	Highest Maximum and Lowest Minimum						Total Fall	Per-centage of Average	Most in a day		Precip'n		Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. O.C. or less	Gale	Daily Mean	Per-centage of Average	
				A Max.	B Min.			Maximum	Date	Minimum	Date	1 ft.	4 ft.			Amount	Date	<0.1in (0.2mm.) or more	<0.1in (1.0mm.) or more												
G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.													hr	%					
1 SCOTLAND, E.—cont.																															
Midlothian	Balerno ...	9 9	700	5.3	-0.8	2.3	-	10.6	14	-8.3	29	-	-	2.25	-	1.19	8	10	8	7	-	0	0	0	-	21	28	0	0.99	-	
	Midcalder ...	9 9	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Turnhouse ...	21-9	114	5.5	-0.2	2.7	-	12.0	15	-8.8	29	-	-	2.21	109	.53	7	14	11	9	6	0	2	0	1	17	26	3	1.30	-	
	Edinburgh—																														
	East Craigs ...	9 9	200	5.8	-0.5	2.7	-	11.7	15	-7.8	29	-	-	2.30	-	.53	7	15	11	7	6	0	0	0	2	19	28	1	1.50	- S	
	Davidson's Mains	9 9	200	5.4	0.0	2.7	-	11.7	15	-6.1	29	2.8	-	2.19	-	.50	7	17	10	7	8	0	0	0	0	1	18	27	1	1.25	- S
	Penicuik ...	9 9	620	4.7	-0.8	1.9	-	10.6	15	-8.9	29	2.7	-	3.35	-	.64	8	17	14	8	9	0	0	0	2	21	28	3	1.19	-	
	Bush House ...	9 9	605	5.3	-0.6	2.3	-	11.1	15	-7.8	29	2.4	5.0	3.04	-	.58	8	22	11	7	6	0	0	0	0	21	28	0	1.50	-	
	Edinburgh—																														
	Blackford Hill	9 9	441	5.5	0.7	3.1	-1.4	11.1	15	-3.9	29	-	-	1.95	92	.41	25	16	9	8	4	0	0	0	0	1	12	27	3	1.41	101
E. Lothian	Liberton ...	9 9	200	6.1	0.4	3.3	-	11.7	7, 15	-5.0	3, 29	-	-	2.26	-	.51	25	16	9	8	5	0	0	0	0	0	14	23	2	0.98	-
	Botanic Garden	9 9	74	6.1	-0.3	2.9	-	12.2	15	-5.6	29	2.8	-	1.98	-	.43	25	16	9	7	5	0	0	0	2	17	28	0	1.25	-	
	Haddington ...	9 9	162	5.3	-0.7	2.3	-	11.1	7, 14	-5.6	6, 29	-	-	2.67	-	.52	27	19	14	9	7	2	0	0	0	21	28	1	0.72	- S	
	North Berwick ...	9 9	51	6.2	0.9	3.5	-1.0	11.1	15	-3.9	29	-	-	2.52	138	.40	25	18	15	6	6	0	0	0	1	14	-	0	0.98	108	
	Dunbar ...	9 9	75	6.4	0.9	3.7	-	12.2	7	-3.3	29	-	-	2.21	-	.33	8	18	15	6	4	1	0	0	0	13	20	0	1.66	-	
	Lauder ...	9 9	600	4.3	-1.6	1.3	-	11.1	15	-7.8	29	-	-	2.61	-	(.35)	19	20	15	10	7	0	0	0	1	22	28	0	2.05	-	
	Marchmont	9 9	498	4.7	-0.9	1.9	-1.5	11.1	15	-6.1	24	-	-	3.70	157	.47	25	20	18	11	7	0	0	0	0	23	-	6	1.64	148 S	
	St. Abb's Head ...	9 9	245	5.5	1.8	3.7	-	12.2	14	-4.0	24	-	-	2.82	-	.57	28	16	15	8	5	0	0	0	0	8	14	6	-	-	
	Broughton ...	9 9	741	4.9	-0.6	2.1	-	11.1	15	-11.7	29	-	-	4.44	-	1.64	7	16	14	8	9	0	1	0	2	20	27	1	-	-	
	Blyth Bridge ...	9 9	830	4.3	-0.9	1.7	-	10.0	15	-9.4	29	-	-	3.12	-	.74	7	17	15	12	9	0	1	0	2	21	26	2	1.25	-	
Peebles	West Linton ...	9 9	800	4.3	-1.6	1.3	-	10.0	15	-10.6	29	1.3	4.7	3.98	-	.84	7	20	16	9	9	1	0	0	2	26	27	1	-	-	
	Peebles ...	9 9	645	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Peebles (Glentress)	9 9	580	5.0	-1.8	1.6	-	11.1	15	-11.1	29	-	-	3.15	-	.77	7	17	15	7	9	0	0	0	1	23	-	4	-	-	
	Selkirk (Bowhill)	9 9	600	4.7	-1.6	1.5	-	11.7	15	-7.8	29	-	-	2.68	-	.70	7	19	14	9	8	0	0	0	0	23	-	4	-	-	
	<b>Selkirk</b>																														
	<b>Roxburgh</b>																														
	Hawick (Wauchope)	9 9	560	4.8	-2.3	1.3	-	11.1	15	-12.2	29	-	-	3.74	-	1.16	7	14	13	-	7	-	-	-	1	23	-	-	-	-	
	Sourhope ...	9 9	900	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	6a SCOTLAND, W.																														
	Argyll	Tiree ...	21-9	29	7.5	4.3	5.9	-0.4	11.4	15	-2.2	29	-	-	4.57	96	.71	19	22	18	6	0	1	9	0	0	4	8	7	1.25	133
Rhuvaal ...		21-9	65	7.6	4.7	6.1	-	11.3	15	-0.9	29	-	-	5.84	-	1.02	7	19	16	1	0	5	0	0	0	1	5	7	-	-	
Colonsay ...		9 9	87	7.5	2.5	5.0	-	11.1	14, 15	-5.6	29	-	-	6.20	109	.79	7	22	18	3	-	5	0	0	0	7	-	5	-	-	
Campbeltown ...		9 9	10	7.9	2.6	5.3	-	11.7	16	-3.9	28	-	-	5.13	-	1.30	7	19	16	-	0	-	-	-	7	-	-	1.18	-		
Tarbert (Achaglachgach)		9 9	40	7.0	1.7	4.3	-	11.1	14, 15	-6.1	27	-	-	7.59	-	1.37	7	20	19	2	0	2	0	2	0	19	20	0	-	-	
Oban ...		9 9	229	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Lephimore ...		9 9	30	6.6	1.6	4.1	-	11.1	15	-3.9	27, 29	-	-	8.02	-	1.35	7	21	18	4	0	3	0	0	0	9	22	1	0.81	- S	
Glenbranter ...		9 9	120	5.9	0.2	3.1	-1.0	11.7	20	-7.2	30	-	-	10.77	103	2.62	7	23	21	-	2	-	-	-	1	14	23	-	-	-	
Benmore (Forestry Sch.)		9 9	46	6.5	0.2	3.3	-	11.7	15	-7.2	29	3.7	5.7	10.50	102	2.30	7	22	18	5	0	0	0	1	4	18	25	2	-	-	
Benmore (Younger Bot. Gdn.)		9 9	40	6.6	1.1	3.9	-	11.7	14, 15	-6.1	29	-	-	10.76	-	2.32	7	23	18	6	2	0	2	1	1	10	22	0	-	-	
Bute	Rothsay	9 9	150	6.6	2.1	4.3	-0.9	11.1	14, 15	-2.8	29, 30	4.9	6.6	6.49	110	1.34	7	24	18	1	0	1	0	1	0	6	18	2	1.28	132	
	Millport ...	9 9	16	7.3	2.6	4.9	-	11.7	15	-1.7	27, 30	-	-	5.20	108	1.32	7	17	17	5	1	1	0	0	0	5	-	1	-	-	
	Helensburgh ...	9 9	293	5.6	0.4	3.0	-1.3	11.1	15	-6.1	30	-	-	5.81	94	1.50	7	22	19	6	2	0	0	0	1	15	-	0	-	-	
	Cumbarnauld ...	9 9	310	4.4	-1.0	1.7	-	10.0	7, 15	-11.1	29	-	-	5.07	-	1.46	7	17	14	5	8	0	0	0	5	22	28	0	-	-	
	Stirling ...	9 9	151	6.0	0.2	3.1	-1.1	11.7	15	-6.7	29	2.9	7.3	4.50	119	1.80	7	17	12	3	8	0	0	0	2	15	27	2	1.30	-	
	Falkirk ...	9 9	100	6.2	-0.9	2.7	-	(11.7)	15	-6.7	29	-	-	3.45	-	1.35	7	15	13	-	-	-	-	-	19	-	-	-	-		
	Greenock ...	9 9	200	6.3	1.7	4.0	-1.1	11.7	15	-3.3	29	-	-	6.49	93	2.23	7	19	16	4	3	0	0	0	5	7	22	1	0.95	- S	
	Paisley ...	9 9	106	5.8	0.5	3.1	-1.6	12.2	15	-6.1	29	4.8	7.7	4.49	97	1.74	7	17	14	5	3	1	0	0	8	15	27	3	1.11	139	
	Barrhead ...	9 9	97	6.0	-0.8	2.6	-	11.7	15	-8.3	29, 30	-	-	4.47	-	1.73	7	17	14	7	2	0	0	0	6	16	24	1	-	-	
	Renfrew ...	21-9	26	5.7	0.3	3.0	-1.2	11.9	15	-8.2	29	-	-	4.30	103	1.41	7	16	13	8	2	1	0	0	6	16	21	3	1.25	139	
Lanark	Thorntonhall ...	9 9	453	5.2	-0.2	2.5	-	10.6	15	-7.8	29	-	-	4.54	-	1.79	7	19	13	5	4	0	0	0	0	19	28	0	-	-	
	Glasgow, Spr. Pk.	9 9	351	5.1	-0.1	2.5	-	10.6	7, 15	-7.2	29	-	-	4.49	118																



TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER DECEMBER 1962

DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)				WEATHER Number of days										BRIGHT SUNSHINE				
			Means of		Difference from Average	Highest Maximum and Lowest Minimum						Total Fall	Per-centage of Average	Most in a day	Precip'n	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. O.C.	Gale	Daily Mean	Per-centage of Average					
			A Max.	B Min.		Maximum	Date	Minimum	Date	1 ft.	4 ft.																Amount	Date	-0.01 in. (0.2mm.) or more	-0.01 in. (1.0mm.) or more	
			Max. Min.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.												hr	%			
2 ENGLAND, N.E.—cont.																															
Northumberland	Haydon Bridge ...	9 9	270																												
	Berwick-on-Tweed ...	9 9	76	5.8	-0.5	2.7	-2.0	12.2	15	-6.7	29	-	2.51	148	.35	28	19	16	8	4	0	7	0	0	20	27	1	1.93	132		
	Ponteland ...	9 9	220																												
	Cockle Park ...	9 9	326	5.2	-0.7	2.3	-1.5	11.7	15	-6.1	25	2.7	1.72	69	.22	25	16	15	7	6	0	0	0	0	20	26	3	2.02	132		
	Acklington ...	21-9	138	4.8	-1.0	1.9	-	12.4	15	-8.4	3	-	1.80	-	.26	12	17	14	9	6	7	0	1	1	22	25	6	2.36	-		
	Tynemouth ...	21-9	95	4.8	0.6	2.7	-2.5	12.0	15	-6.2	25	-	3.10	130	.43	30	17	16	9	5	6	0	0	0	15	26	6	1.91	-		
	Chopwellwood ...	9 9	446	5.3	-1.3	2.0	-1.7	11.7	15	-7.8	25	-	2.57	102	.50	30	15	12	8	8	0	0	0	0	23	29	0	-	-		
	Ushaw College ...	9 9	594	5.1	-1.7	1.7	-2.0	12.2	15	-7.8	24, 25	-	2.21	87	.32	30	15	12	8	8	1	0	0	7	25	-	3	-	-		
	Houghall ...	9 9	123	4.7	-3.6	0.5	-3.4	13.3	15	-12.8	29	-	2.85	119	.39	8	17	14	9	5	0	1	0	4	24	27	0	1.76	142		
	Durham	9 9	336	4.7	-2.2	1.3	-2.6	12.8	15	-9.4	25	3.0	2.66	117	.44	8	17	14	-	-	-	-	-	0	23	28	-	2.23	155		
Durham	Gateshead ...	9 9	509	4.7	-0.4	2.1	-	11.7	15	-5.6	24	-	2.53	-	.39	30	18	12	-	-	-	-	-	0	16	24	-	1.99	-		
	Middleton St. Gge. ...	21-9	115	3.3	-2.0	0.7	-	13.0	15	-14.2	29	-	2.20	-	.42	26	16	14	10	7	0	3	0	7	22	26	3	1.60	-		
	West Hartlepool ...	9 9	30	5.4	-0.8	2.3	-	13.3	15	-8.3	25	-	2.74	-	.50	12	16	14	9	6	4	0	1	3	20	25	1	1.78	-		
	Dishforth ...	21-9	105	3.5	-1.5	1.0	-	13.0	15	-9.6	25	-	1.02	46	.30	8	14	8	7	0	0	0	0	7	22	26	3	1.88	-		
	Yorks., N. Riding	9 9	57	4.4	-1.7	1.3	-3.1	12.8	15	-8.3	25, 29	2.8	6.2	1.18	58	.19	8	14	11	6	4	0	1	0	8	24	-	1	1.62	154	
	Ampleforth ...	9 9	313	4.3	-2.2	1.1	-2.7	12.8	15	-8.3	5, 6, 29	-	2.51	96	.54	12	15	13	-	-	-	-	-	3	23	30	-	-	-		
	Redcar ...	9 9	25	5.7	-0.9	2.4	-	12.8	15	-8.3	25	-	2.56	127	.74	12	18	14	-	-	-	-	-	4	21	-	-	1.50	-		
	Whitby ...	9 9	135	6.1	-0.6	2.7	-	12.8	15	-8.3	25, 26	-	1.92	77	.34	12	17	15	8	4	1	1	0	2	15	-	1	2.22	-		
	Scarborough ...	9 9	118	5.8	0.3	3.1	-2.1	12.2	15	-5.0	29	3.3	6.9	1.96	80	.34	12	16	13	5	5	2	0	0	3	16	21	2	2.00	164	
	Silpho Moor ...	9 9	685	4.4	-1.5	1.5	-	11.1	15	-7.2	29	2.6	-	2.52	-	.39	20	18	14	6	7	0	1	0	2	22	30	0	2.74	-	
Yorks., E. Riding	Fylingdales Moor ...	9 9	805	4.1	-2.3	0.9	-	10.6	15	-7.8	29	-	2.31	-	.40	8	18	14	-	-	-	-	-	3	25	-	-	-	-		
	High Mowthorpe ...	9 9	574	4.3	-1.9	1.2	-	11.1	15	-6.7	25, 26	-	1.59	-	.38	8	17	11	6	7	0	0	0	2	22	30	0	2.42	-		
	Hull ...	9 9	8	5.2	-1.4	1.9	-2.8	12.8	15	-7.8	25, 29	2.7	6.8	1.74	77	.37	8, 20	14	10	4	5	0	0	0	2	24	26	3	2.06	206	
	Leconfield ...	21-9	24	4.2	-1.7	1.3	-	12.8	15	-11.4	29	-	1.38	-	.35	8	14	10	7	5	0	7	0	6	20	26	3	2.08	-		
	Filey ...	9 9	122	4.9	-2.3	1.3	-	12.2	15	-10.0	29, 30	-	1.68	-	.35	20	15	11	5	5	3	1	0	2	24	26	0	2.05	-		
	Bridlington ...	9 9	157	4.8	-1.7	1.5	-	12.2	15	-7.2	5	-	2.12	-	.43	20	16	13	7	3	7	2	1	3	23	29	5	2.39	-		
	Spurn Head ...	21-9	29	5.0	1.3	3.1	-1.8	12.0	15	-3.3	26	-	1.17	-	.33	20	12	6	7	0	1	1	0	2	11	-	4	2.66	180		
	Gainsborough ...	9 9	110	4.4	-2.6	0.9	-	12.8	14	-7.2	24	-	1.02	-	.30	20	16	8	-	-	-	-	-	9	25	-	-	-	-		
	Waddington ...	21-9	224	3.6	-1.4	1.1	-	13.0	15	-7.6	29	-	1.04	-	.24	14	12	8	7	5	0	2	0	7	21	23	1	2.23	-		
	Lincoln	9 9	22	4.2	-3.2	0.5	-	11.7	14	-10.0	25	3.2	5.9	1.23	-	.27	20	14	8	5	5	0	0	10	25	27	1	(1.46)	-		
Lincoln	Cranwell ...	9 9	205	4.1	-2.5	0.8	-3.1	12.7	15	-10.0	6	3.2	6.7	1.03	54	.24	8	13	7	8	6	0	0	5	22	26	7	2.50	161		
	Cleethorpes ...	9 9	23	-	-1.2	-	-	-	-	5.6	5	-	1.31	64	.33	20	14	10	4	1	0	0	0	3	20	29	3	(2.76)	(193)		
	Manby ...	21-9	55	4.8	-1.1	1.9	-	13.3	15	-7.0	29	-	1.61	-	.42	20	16	9	10	5	0	5	0	3	21	23	2	2.76	-		
	Skegness ...	9 9	15	5.1	-0.6	2.3	-2.0	13.3	15	-6.7	5	-	1.55	77	.48	12	13	7	5	7	0	3	0	3	18	27	4	2.40	157		
	3 ENGLAND, E.																														
	Norfolk	Terrington ...	9 9	13	4.2	-1.9	1.1	-	12.8	15	-7.8	29	2.6	-	2.06	120	.43	20	14	10	4	7	0	1	0	3	22	27	2	2.83	-
		St. Clement ...	9 9	13	4.2	-1.9	1.1	-	12.8	15	-7.8	29	2.6	-	2.06	120	.43	20	14	10	4	7	0	1	0	3	22	27	2	2.83	-
		Marham ...	21-9	76	4.3	-1.5	1.4	-	12.8	15	-7.9	5	-	1.90	-	.46	20	11	11	7	7	0	1	0	3	21	25	2	-	-	
		Santon Downham ...	9 9	80	4.7	-5.1	0.2	-	12.2	15	-15.0	29	2.3	5.7	1.89	-	.45	20	12	11	-	-	-	-	1	26	27	-	-	-	
		West Raynham ...	21-9	250	4.4	-1.4	1.5	-	11.6	15	-7.2	5	-	2.63	-	.75	12	12	11	11	7	2	1	0	3	24	27	3	3.10	-	
Cromer ...		9 9	178	5.7	-0.1	2.8	-2.0	11.7	15	-5.0	31	-	1.95	83	.42	20	15	11	-	-	-	-	-	0	15	27	-	3.17	193		
Sprowston ...		9 9	93	5.3	-1.9	1.7	-2.6	12.8	15	-8.3	28	3.3	-	1.91	84	.55	20	12	11	7	5	0	4	0	2	23	28	2	2.31	162 S	
Burlingham ...		9 9	89	5.2	-1.1	2.1	-	12.2	15	-5.0	6	-	1.85	82	.49	20	12	11	5	6	1	1	0	2	21	27	3	2.96	-		
Corleston ...		21-9	12	5.1	0.7	2.9	-2.0	12.5	15	-4.2	6	3.8	7.1	1.50	69	.51	20	13	11	6	1	0	2	0	4	15	24	4	2.54	168	
Mildenhall ...		21-9	15	4.5	-2.3	1.1	-	13.0	15	-13.4	29	-	1.63	91	.35	20	12	8	4	7	0	1	0	3	22	25	3	2.40	-		
Suffolk	East Bergholt ...	9 9	14	5.1	-2.1	1.5	-	13.3	15	-10.0	5	-	1.51	-	.48	20	15	9	4	5	0	0	0	4	24	28	5	-	-		
	Wattisham ...	21-9	292	4.4	-0.9	1.7	-	12.5	15	-8.0	6	-	1.40	-	.43	20	14	9	8	5	0	1	0	3	22	27	2	-	-		
	Lowestoft ...	9 9	82	5.6	0.1	2.9	-1.5	12.2	15	-4.4	6	3.3	6.2	2.37	108	.62	8	14	12	7	1	0	0	1	20	24	1	2.58	156		
	Boxworth ...	9 9	157	4.4	-2.8	0.8	-	13.3	15	-9.4	5, 29, 30	-	1.32	76	.32	8	14	9	4	5	0	0	0	2	22	27	2	3.02	-		
	Cambridge Bot. Gdn. ...	9 9	41	4.7	-2.9	0.9	-3.3	13.3	15	-10.0	5, 6	2.6	6.2	1.68	102	.35	8, 20	12	10	3	5	0	0	1	23	30	-	-	-		
	Cambridge N.I.A.B.s ...	9 9	85	4.7	-2.4	1.1	-	13.9	15	-10.0	29	-	1.32	80	.32	8	12	8	3	3	0	0	0	8	19	27	1	2.21	166		
	Wytton ...	21-9	129	4.0	-1.6	1.2	-	13.5	15	-9.6	29	-	1.16	-	.35	8	9	9	6	5	0	0	0	6	19	23	2	-	-		
	Woburn ...	9 9	291	4.																											



TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER DECEMBER 1962

DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)		WEATHER Number of days										BRIGHT SUNSHINE						
			Means of		Difference from Average	Highest Maximum and Lowest Minimum				1 ft.	4 ft.	Total Fall	Per-centage of Average	Most in a day		Precip'n -0.01in. (0.2mm.) or more -0.01in. (1.0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost or less	Gale	Daily Mean	Per-centage of Average					
			A	B		Maximum	Date	Minimum	Date					Amount	Date																
			Max.	Min.		Max.	Min.	Max.	Min.					Max.	Min.																
G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.												hr	%						
4 MIDLAND COUNTIES—cont.																															
Yorks.	Ilkley	99	315	4.3	-2.5	0.9	-2.9	11.1	15	-10.0	29	-	-	2.81	79	.67	8	14	12	3	6	0	0	0	8	23	0	1.69	171		
W. Riding—	Sheffield	99	429	5.3	-0.6	2.3	-2.4	12.2	15	-8.3	25	3.3	6.8	2.13	73	.62	8	13	12	7	3	0	0	0	16	29	0	1.50	146		
cont.	Wakefield	99	121	4.3	-2.2	1.1	-3.2	12.8	15	-10.0	26	-	6.6	1.35	64	.35	8	12	12	4	1	0	0	0	10	22	27	-	-		
	Pontefract	99	255	4.4	-1.8	1.3	-2.9	12.2	15	-9.4	6	-	-	.90	47	.23	8	15	6	6	0	0	0	0	14	19	25	1	-		
	Bramham	99	177	3.9	-2.3	0.8	-	12.2	15	-8.9	6, 25	-	-	1.24	-	.35	8	16	11	4	1	0	0	0	7	24	26	0	1.50		
	Cawood	99	20	4.2	-2.6	0.8	-	12.8	15	-8.9	25	2.2	5.4	1.03	50	.23	8	12	10	2	1	0	0	0	0	24	25	2	1.57		
	Askham Bryan	99	110	(4.4)	-2.5	0.9	-	11.7	(14)	-11.1	29	-	-	1.09	50	.19	8	13	12	-	2	-	-	-	7	25	26	-	1.47		
Derby	Buxton	99	1007	3.6	1.9	0.9	-2.1	11.1	15	-10.0	25	2.3	5.0	6.00	124	1.16	8	17	13	6	9	0	0	1	10	21	24	1	-		
	Chapel en le Frith	99	732	4.5	-2.2	1.1	-	11.1	15	-10.0	25	-	-	5.21	-	1.00	8	17	13	4	7	1	0	1	5	19	24	2	-		
	Mackworth	99	293	4.4	-1.6	1.4	-	15.0	15	-8.3	6	-	-	1.84	-	.40	8	12	9	6	7	0	0	0	7	21	24	0	-		
	Belper	99	203	4.7	-2.4	1.1	-3.0	12.2	15	-7.8	25, 26	-	-	2.13	85	.40	15	14	10	5	6	0	0	0	-	-	-	-	-		
	Derby	99	159	5.3	-0.9	2.2	-	12.8	15	-7.8	6	-	-	2.03	-	.42	8	15	11	2	5	0	0	0	10	18	22	1	1.25		
	Morley	99	350	4.2	-1.7	2.5	1	11.7	15	-7.2	24	-	-	1.86	-	.41	8	14	10	5	2	0	0	0	-	20	25	0	1.53	- \$	
	Chesterfield	99	298	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Nottingham	Sutton Bonington	99	157	4.7	-2.6	1.1	-3.0	12.8	15	-10.0	25	3.6	6.4	1.47	76	.38	8	12	10	5	6	1	0	0	9	20	26	2	1.41	137	
	Watnall	21-9	385	4.0	-1.0	1.5	-	12.5	15	-7.9	3	-	-	1.91	82	.50	8	14	10	5	5	0	2	0	0	9	19	24	2	1.83	-
	Mansfield	99	362	4.5	-1.1	1.6	-2.1	12.8	15	-8.9	25, 26	3.2	-	1.47	60	.37	8	13	9	5	2	0	0	0	8	19	24	0	-	-	
	Nottingham	99	192	4.6	-0.7	1.9	-2.5	13.3	15	-7.2	26	2.6	5.7	1.25	62	.40	8	11	6	5	6	0	0	0	11	17	24	0	1.63	148	
	Warsop (Gleadthorpe)	99	150	4.8	-2.9	0.9	-	12.8	15	-12.2	25	-	-	1.10	55	.31	8	13	9	4	1	0	0	0	12	22	28	0	1.65	-	
	Finningley	21-9	34	4.2	-1.2	1.5	-	13.6	15	-7.6	25	-	-	1.04	-	.24	20	12	9	5	2	0	3	0	8	20	24	2	1.31	- \$	
Leicester	Newtown Linford	99	392	3.9	-2.0	0.9	-	12.2	15	-7.2	3, 5	-	-	1.73	-	.45	8	14	11	3	6	0	0	0	7	21	23	0	2.34	-	
	Caldecott	99	175	4.3	-4.2	0.1	-	11.7	14	-13.3	29	-	-	1.23	-	.39	8	11	9	-	1	-	-	-	3	24	27	-	1.65	-	
Northampton	Raunds	99	193	4.1	-2.9	0.6	-	12.8	15	-11.1	29	2.7	7.6	1.48	78	.34	8	12	9	4	5	0	0	0	5	22	25	2	-	-	
	Wittering	21-9	212	4.0	-1.4	1.3	-	12.7	15	-9.1	5	-	-	1.22	-	.32	8	12	9	7	1	0	1	0	6	20	23	3	2.50	-	
Warwick	Birmingham K.E.S.	99	450	4.4	-0.3	2.1	-	12.8	15	-6.1	26	-	-	1.36	-	.44	8	15	9	7	5	0	0	0	6	16	-	0	-	-	
	Birmingham	21-9	536	4.0	0.1	2.1	-2.3	12.5	15	-6.2	25	5.2	8.0	2.06	76	.54	8	16	10	4	7	1	1	1	9	17	22	0	1.76	152	
	Luddington	99	138	4.7	-2.0	1.3	-	13.3	15	-8.9	26	-	-	1.94	103	.45	8	16	9	5	6	0	0	1	1	7	21	26	0	1.92	-
	Stratford on Avon	99	160	4.6	-2.2	1.2	-	12.2	14	-9.4	26	3.4	-	1.97	-	.58	8	14	9	3	5	0	0	0	1	6	21	28	4	2.00	-
	Birmingham Airport*	21-9	319	4.2	-1.6	1.3	-	13.2	15	-10.7	26	-	-	1.77	73	.49	8	13	8	7	7	0	0	1	10	21	22	1	1.70	-	
	Shipston on Stour	99	365	4.4	-2.4	1.0	-	13.3	15	-8.9	26, 29, 30	4.3	-	1.88	-	.52	8	14	8	4	5	1	0	0	7	22	27	-	2.02	-	
	Wellesbourne	99	153	4.4	-2.4	1.0	-	13.3	15	-9.4	26	3.1	5.9	1.82	91	.44	8	11	9	3	6	0	0	1	7	23	27	3	1.83	-	
	Moreton Morrell	99	280	4.4	-2.3	1.5	-	12.8	15	-12.2	26	-	-	2.11	-	0.4	8, 20	14	10	4	7	0	0	1	7	21	27	4	1.85	- \$	
	Coventry	99	338	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Rugby	99	385	4.2	-2.0	1.1	-	12.8	15	-8.3	26	2.5	-	1.78	-	.57	9	13	8	3	5	1	0	1	1	-	23	24	0	-	-
Oxford	Oxford	99	208	4.2	-1.6	1.3	-3.3	13.3	15	-8.3	6	3.0	6.5	1.98	87	.38	8	13	9	5	6	0	0	0	8	19	27	0	2.34	143	
Buckingham	Aylesbury	99	316	4.6	-2.6	1.0	-	12.8	15	-10.0	5	-	-	1.45	-	.33	8	9	8	6	5	0	0	0	4	22	28	2	2.19	-	
Stafford	Keele	99	587	3.9	-1.4	1.3	-	11.7	15	-10.6	29	3.3	6.5	2.47	85	.49	8	15	11	4	7	0	3	1	7	18	21	0	1.66	-	
	Oaken	99	409	4.2	-2.3	0.9	-2.8	12.2	15	-8.9	24, 25	3.5	-	1.98	-	.55	8	11	9	-	-	-	-	-	7	21	25	-	-	-	
	Stone	99	350	4.3	-2.5	0.9	-	13.9	14	-13.3	28, 29	-	-	2.05	-	.55	8	15	12	1	6	0	2	0	7	18	26	1	1.06	-	
	Penkridge	99	330	-	-2.4	-	-	-	-	-	-	-	-	1.68	-	.45	8	11	9	4	5	0	0	0	5	19	26	0	-	-	
	Onecote	99	1350	3.2	-2.0	0.6	-	10.0	15	-8.3	24, 25	2.4	5.6	4.30	-	.72	15	15	5	9	0	0	0	10	26	0	-	-	-		
Shropshire	Oswestry	99	570	4.8	-1.4	1.7	-	12.8	15	-11.1	30	-	-	2.64	-	.50	8	16	14	3	6	0	0	0	0	19	25	0	1.99	-	
	Church Stretton	-	582	-	-	-	-	-	-	-	-	-	-	2.26	68	.59	8	15	12	-	-	-	-	-	-	-	-	-	-	-	
	Shrewsbury	99	184	5.1	-1.2	1.9	-	13.3	15	-10.0	25	4.7	8.2	1.97	90	.65	8	15	10	4	7	0	1	0	8	17	21	2	1.77	-	
	Shawbury	21-9	235	4.2	-1.2	1.5	-	13.1	15	-10.4	25	-	-	1.85	84	.55	8	15	11	3	7	0	1	0	5	20	22	2	1.76	- \$	
	Newport	99	211	4.3	-2.0	1.1	-	13.3	14	-10.6	25, 26	-	-	1.83	86	.50	8	15	11	5	7	0	0	0	3	21	25	1	1.08	-	
Worcester	Malvern	99	203	4.7	-0.7	2.0	-3.7	13.9	15																						



TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER DECEMBER 1962

DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)			WEATHER Number of days										BRIGHT SUNSHINE				
			Means of		Difference from Average	Highest Maximum and Lowest Minimum				Total Fall			Per-centage of Average	Most in a day	Precip'n			Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. O.C. or less	Gale	Daily Mean	Per-centage of Average		
			A	B		Maximum	Date	Minimum	Date		0 in. (0.2mm.) or more	0.1 in. (1.0mm.) or more			Amount	Date														
			Max.	Min.		°C.	°C.	°C.	°C.		°C.	°C.			in.	%	in.													
G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.	%	in.	%	in.	%	in.	%	in.	%	in.	%	in.	%	in.	%	
5 ENGLAND, S.E.—cont.																														
Surrey —cont.																														
Mickleham ...	9 9	179	4.8	-3.0	0.9	-	12.2	14, 15	-11.1	5, 6, 7	-	-	2.44	78	.55	27	9	7	4	7	0	0	0	3	23	29	2	-	-	
Kew Observatory §§	21-9	18	4.8	0.8	2.8	-2.3	13.2	15	-4.8	5	3.2	7.3	2.29	111	.39	26	13	10	7	5	0	0	0	9	16	25	0	2.20	171	
London (Gatwick) §§	21-9	192	5.0	-1.7	1.7	-	12.6	15	-10.2	5	-	-	3.30	-	.71	29	14	9	9	6	0	0	0	8	24	25	2	3.17	-	
Airport																														
Croydon (Waddon)	9 9	220	5.2	-1.4	1.9	-2.9	12.8	15	-10.6	6	-	-	2.80	102	.80	26	13	11	-	-	-	-	-	-	20	-	-	-	-	
Addington ...	9 9	474	4.3	-0.8	1.7	-2.4	11.7	15	-6.7	26	-	-	4.10	142	.82	29	13	12	-	-	-	-	-	3	18	-	-	-	-	
Bromley ...	9 9	213	5.3	-0.8	2.3	-2.4	13.3	15	-8.3	6	-	-	3.10	131	.69	29	12	12	-	6	-	-	-	12	19	-	-	-	-	
Swanley ...	9 9	177	4.9	-1.8	1.5	-	13.3	15	-9.4	5	4.0	-	3.16	-	.68	26	13	10	5	5	0	0	0	8	21	27	1	1.78	-	
Dartford ...	9 9	17	5.3	-1.3	2.0	-	13.3	15	-8.3	4	-	-	2.14	106	.45	26	12	10	5	5	0	0	0	6	21	-	0	-	-	
Tunbridge Wells	9 9	351	5.0	-2.3	1.3	-2.6	12.8	15	-7.8	5	2.8	6.3	3.19	101	.63	26	13	11	6	7	0	0	0	4	24	26	2	3.30	200	
Goudhurst ...	9 9	280	5.6	-1.8	1.9	-	12.8	15	-7.2	5	-	-	3.68	108	.77	29	13	12	4	6	0	0	0	0	22	26	2	-	-	
East Malling §§	9 9	122	5.6	-1.7	1.9	-2.4	13.3	15	-10.0	6	-	6.7	2.85	110	.61	26	13	10	6	5	0	0	0	5	22	25	2	2.87	216	
Benenden ...	9 9	195	5.7	-1.1	2.3	-	13.3	15	-5.6	7	-	-	2.47	-	.48	26	10	9	-	6	-	-	-	3	28	-	-	-	-	
Gillingham ...	9 9	14	5.3	-0.8	2.3	-	13.3	15	-7.8	4	-	-	2.25	-	.38	8	13	10	5	5	0	0	0	6	16	-	0	2.55	-	
Sittingbourne ...	9 9	224	5.7	-1.3	2.2	-	12.8	15	-9.4	6	3.0	6.9	2.27	-	.41	8	13	10	4	6	0	0	0	2	22	26	1	2.81	-	
Isle of Grain ...	9 9	9	5.7	0.2	2.9	-	13.3	15	-6.7	5	-	-	1.90	-	.49	29	12	10	-	-	-	-	-	4	14	26	-	-	-	
Faversham ...	9 9	157	5.2	-1.2	2.0	-	12.8	15	-9.4	5	3.8	6.9	2.23	-	.42	29	13	9	7	5	0	0	0	3	19	25	1	2.79	-	
Dungeness ...	21-9	10	6.3	-3.7	1.3	-	12.3	15	-6.4	5	-	-	-	-	-	-	-	-	-	8	5	0	0	0	1	17	-	-	-	
Wye ...	9 9	185	5.7	-1.3	2.2	-2.0	12.8	15	-7.8	5	-	-	2.58	83	.45	20	12	10	5	5	0	0	0	3	20	26	0	2.87	174	
Whitstable ...	9 9	9	5.3	-0.4	2.6	-	12.8	15	-7.8	4, 5, 6	-	-	1.57	80	.42	8	9	9	2	5	0	0	0	3	16	-	0	2.49	-	
Folkstone ...	9 9	128	6.2	1.2	3.7	-	13.3	15	-3.3	29	-	9.2	2.69	102	.46	11	13	11	7	5	0	0	0	2	10	24	2	3.48	-	
Wingham (Elmstone)	9 9	28	5.1	-1.6	1.7	-	12.8	15	-8.3	5, 6	-	-	1.81	-	.35	8	14	11	-	5	-	-	-	3	22	23	-	-	-	
Herne Bay ...	9 9	21	5.1	0.3	2.7	-	13.3	15	-6.7	6	-	-	1.93	91	.40	8	11	10	5	5	0	0	0	2	17	-	3	2.22	-	
Dover ...	9 9	19	6.2	0.9	3.5	-1.9	13.3	15	-3.9	5	4.8	7.9	3.16	109	.80	29	15	11	6	5	0	0	0	5	14	19	2	3.38	-	
Dover R.M.S. ...	9 9	402	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Deal ...	21-9	18	-	-	-	-	13.5	15	-	-	-	-	-	-	-	-	-	-	-	5	0	0	0	6	18	2	-	-	-	
Manston ...	21-9	145	5.1	0.1	2.6	-	13.1	15	-7.2	5	-	-	1.45	-	.34	8	13	8	4	5	0	0	0	3	16	23	1	-	-	
Ramsgate ...	9 9	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Margate ...	9 9	51	5.5	1.2	3.3	-2.3	12.8	15	-3.3	5	4.3	8.1	1.69	89	.34	8, 20	11	9	5	5	0	0	0	3	13	16	3	2.43	168 S	
Sussex																														
Thorney Island	21-9	10	6.3	0.6	3.5	-	13.5	15	-5.9	26	-	-	3.40	120	.79	27	12	11	8	5	0	0	0	0	1	19	23	2	3.40	-
Bognor Regis ...	9 9	24	6.4	0.7	3.5	-2.1	13.3	15	-5.0	26	-	8.6	3.46	113	.89	26	13	12	5	5	0	0	0	0	1	19	23	2	3.72	184
Littlehampton ...	9 9	15	-	0.7	-	-	-	-	-6.1	24, 25, 26	-	7.4	2.94	99	.80	26	13	11	6	2	0	0	0	0	0	19	-	0	3.61	185
Rustington ...	9 9	10	6.6	-0.6	3.0	-	13.9	15	-5.6	5, 26	-	7.2	2.79	-	.86	26	11	11	-	5	-	-	-	-	19	27	-	3.03	-	
Worthing ...	9 9	25	6.4	0.8	3.6	-1.8	13.3	15	-4.4	26	4.2	8.1	2.89	100	.77	26	12	11	7	5	0	0	0	0	12	24	3	3.67	181	
Brighton ...	9 9	32	6.7	0.9	3.8	-	12.2	14, 15	-4.4	26	-	6.4	3.27	116	.73	8	13	10	5	3	0	0	0	0	14	23	0	3.66	-	
East Grinstead ...	9 9	400	5.5	-2.1	1.7	-	13.9	15	-8.9	4, 5	3.2	7.3	2.98	-	(.60)	26	14	11	8	6	0	0	0	2	23	25	2	-	-	
Seaford ...	9 9	45	6.2	0.2	3.2	-	11.7	15	-4.4	5	-	-	-	-	-	-	-	-	-	-	-	-	-	3	17	-	-	3.43	-	
Eastbourne ...	9 9	23	6.3	0.9	3.6	-2.1	12.2	15	-3.3	23, 25	5.2	9.7	3.85	115	.70	29	15	12	6	-	0	0	0	0	16	21	4	3.76	201	
Eastbourne (C/guard)	21-9	17	6.5	1.0	3.7	-	12.7	15	-4.0	6, 23, 24	-	-	3.76	-	.79	27	15	12	7	5	0	0	0	0	1	15	21	4	-	-
Bexhill ...	9 9	12	6.2	0.3	3.3	-2.1	13.3	15	-3.3	23, 26, 30	5.1	-	3.83	125	1.00	29	14	11	8	6	0	0	0	0	3	16	26	1	3.70	-
Sedlescombe ...	9 9	188	5.7	-1.2	2.3	-	12.8	15	-6.1	5, 23	-	-	3.70	-	.77	11	14	12	6	6	0	0	0	0	1	23	26	2	-	-
Bodiam ...	9 9	73	(5.7)	-2.5	1.6	-	12.8	15	-8.9	5, 6	4.3	8.2	(3.23)	-	.70	11	13	12	-	5	-	-	-	4	23	28	-	3.37	-	
Hastings ... §§	9 9	149	6.0	1.2	3.6	-1.8	12.8	15	-3.9	29	3.7	7.9	3.33	107	.69	29	13	10	9	6	0	0	0	0	1	23	0	3.66	192	
Berkshire																														
Letcombe Regis	9 9	350	4.7	-1.9	1.4	-	12.2	14, 15	-9.4	5	-	-	2.83	-																



TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER DECEMBER 1962

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)				WEATHER Number of days										BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
				Means of		Difference from Average	Highest Maximum and Lowest Minimum				Total Fall			Per-centage of Average	Most in a day	Precip'n			Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. O.C. or less	Gale	Daily Mean	Per-centage of Average																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
				A Max.	B Min.		Maximum	Date	Minimum	Date		-0.1in. (0.2mm.) or more	-0.4in. (1.0mm.) or more			in.	%	in.												Date																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
				Max. Min.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.	Date	in.	%	in.



TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER DECEMBER 1962

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)		WEATHER Number of days										BRIGHT SUNSHINE					
				Means of		Mean Temperature Mean of A and B	Difference from Average	Highest Maximum and Lowest Minimum																							
				A	B			Maximum	Date	Minimum	Date	1 ft.	4 ft.	Total Fall	Percentage of Average	Amount	Date	0-1in. (0-2mm.) or more	0-4in. (1-10mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. 0°C or less	Gale	Daily Mean	Percentage of Average	
				°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
8b ENGLAND, S.W.																															
Somerset	Hawkrigge (Liscombe)	9 9	1030	4.8	-0.1	2.3	-	10.6	7	-7.8	26	-	-	(4.93)	-	(.94	29)	(19	15)	7	5	1	1	0	1	13	22)	2	-	-	
	Cannington	9 9	95	6.1	0.3	3.2	-	13.9	15	-6.7	26	5.9	-	3.29	110	1.49	29	14	10	3	-	0	0	0	4	17	22	0	2.20	-	
	Weston-s-Mare	9 9	28	5.8	0.5	3.1	-	12.8	8	-6.7	26	-	-	1.69	55	.56	8	10	8	4	5	0	0	0	4	16	-	3	2.22	145	
	Long Ashton	9 9	162	5.6	-0.3	2.7	-2.4	12.2	8	-8.9	26	5.1	-	(2.30)	66	.53	8	16	10	7	5	2	0	0	2	18	25	0	2.99	143	
	Bath (City)	9 9	388	5.1	-0.3	2.4	-	11.1	8, 14, 15	-7.2	26	-	-	2.11	-	.48	8	16	9	7	5	0	0	0	1	18	-	3	-	-	
Dorset	Boys' School	9 9	67	5.4	-0.7	2.3	-2.8	12.2	8	-7.8	26	4.4	7.6	2.07	71	.51	8	13	9	6	5	0	0	0	1	21	25	1	1.89	129	
	Portland Bill	21-9	35	7.9	4.6	6.3	-1.0	12.6	15	-3.0	25	-	-	2.98	97	.59	29	12	11	5	1	0	0	0	0	6	-	5	-	-	
	Weymouth	9 9	16	7.2	1.5	4.3	-2.1	13.9	15	-5.6	26	-	-	3.24	93	.56	29	12	11	-	4	-	-	-	3	12	-	-	3.23	177	
	Shaftesbury	9 9	680	4.8	-0.3	2.3	-2.0	10.6	20	-8.3	26	-	-	(2.79)	80	(.76	29)	(12	10)	-	5	-	-	-	2	16	-	-	-	-	
	Swanage	9 9	37	7.3	1.6	4.5	-	14.4	15	-5.6	26	9.4	-	2.29	-	.48	8	13	10	6	-	0	0	0	2	11	20	4	2.89	-	
Devon	Poole	9 9	18	6.3	-0.6	2.9	-	13.9	15	-8.9	26	-	-	2.48	-	(.63	8, 29)	(15	11)	6	5	0	0	0	3	18	-	0	2.36	-	
	Clayton	9 9	412	6.8	0.0	3.4	-	11.7	7	-9.4	26	-	-	-	-	-	-	5	5	0	0	1	16	-	1	-	-	-	-		
	Hartland Pt.	21-9	298	7.1	3.7	5.4	-	11.9	8	-3.7	24	-	-	1.93	-	.39	8	15	13	7	1	2	1	0	1	8	11	9	2.30	-	
	Plymouth (Mt. Batten)	21-9	87	7.7	3.3	5.5	-1.6	13.1	15	-4.0	26	-	-	4.32	96	1.27	30	16	13	7	4	0	1	0	0	8	17	3	2.27	129	
	Plymouth (The Hoe)	9 9	119	8.1	2.8	5.5	-1.3	12.2	7, 14, 15	-5.0	26	6.2	9.1	4.34	97	1.26	30	18	13	5	4	0	0	0	1	9	18	6	2.46	138	
Cornwall	Chivenor	21-9	20	7.3	2.9	5.1	-	12.8	8	-7.4	26	-	-	1.93	-	.41	8	15	11	7	1	2	0	0	0	9	16	4	2.17	-	
	Ilfracombe	9 9	25	7.7	3.4	5.5	-1.8	12.8	7, 8	-3.9	26	5.8	9.3	2.16	49	.73	8	15	12	4	1	0	0	0	0	8	15	1	2.21	174	
	Totnes	9 9	120	7.8	0.6	4.2	-	13.3	15	-7.2	26	6.4	9.3	4.98	88	1.18	30	17	10	5	4	0	5	1	2	16	22	3	1.39	-	
	Slapton	9 9	104	8.4	3.2	5.8	-	12.8	15	-3.9	26	-	-	3.79	-	.67	29	12	12	5	0	0	0	0	5	17	1	-	-		
	Newton Abbot	9 9	272	7.6	1.1	4.3	-1.5	13.3	15	-6.1	26	-	-	3.74	79	1.28	30	17	11	5	4	0	1	0	1	16	22	1	2.41	130	
Somerset	Paignton	9 9	8	8.4	1.9	5.1	-	13.3	14, 15	-5.0	26	-	-	4.69	104	1.86	30	14	11	4	2	0	0	0	1	12	20	1	2.20	125	
	Torquay	9 9	26	8.2	2.8	5.5	-1.3	13.3	14, 15	-5.0	26	8.7	-	3.97	98	1.08	27	13	11	4	2	0	1	0	1	7	17	5	2.36	124	
	Teignmouth	9 9	20	8.2	2.8	5.5	-1.4	13.9	15	-3.9	25, 26, 27	-	-	3.70	96	1.32	30	17	10	4	1	0	1	0	1	9	13	4	2.17	114	
	Starcross	9 9	29	7.5	0.6	4.1	-	13.9	15, 20	-6.7	26	(5.2)	-	2.74	-	.87	30	13	11	6	4	0	1	0	5	14	21	2	2.18	-	
	Exeter (Southam)	9 9	160	6.9	-0.2	3.3	-	12.8	14, 15, 20	-6.7	25, 26	-	-	2.35	-	.55	8	(15)	(12)	5	4	0	0	0	5	18	-	0	-	-	
Devon	Exmouth	9 9	185	7.1	1.4	4.5	-1.5	13.9	15	-6.1	26	-	-	(2.99)	81	1.17	30	15	13	6	4	0	1	0	3	15	-	6	2.44	133	
	Exeter	21-9	106	6.6	1.4	4.0	-	13.0	20	-7.6	26	-	-	2.34	64	.64	30	16	11	6	4	0	1	0	2	13	20	4	2.37	-	
	Sidmouth	9 9	25	7.5	1.8	4.7	-1.5	12.8	14, 15, 20	-5.6	26	-	-	3.01	-	.70	30	15	12	-	4	-	-	-	3	11	18	-	2.69	-	
	St. Mary's, Scilly	21-9	158	9.2	6.1	7.7	-0.7	12.3	7	-0.3	25	-	-	3.42	97	.83	29	19	11	2	0	2	0	1	3	-	9	1.91	107 S		
	Penzance	9 9	62	9.4	4.7	7.1	-0.8	12.8	7, 14, 15	-4.4	26	-	-	5.31	110	1.09	30	18	17	4	0	1	1	0	0	5	9	6	2.09	117	
Cornwall	Gulval	9 9	50	9.3	4.6	6.9	-0.6	12.8	8	-4.4	25	-	-	4.99	108	.94	30	19	17	-	0	-	-	-	0	4	11	-	1.64	106	
	Culdrose	9 9	268	8.4	3.4	5.9	-	12.2	8, 13	-5.0	25, 26	-	-	4.71	-	.97	30	17	13	5	0	3	2	0	2	7	11	7	2.07	-	
	Camborne (Rosewarne)	9 9	250	8.3	4.1	6.2	-	12.2	8	-6.7	25	6.2	8.6	7.34	186	1.35	30	19	18	4	1	4	0	0	0	6	10	9	2.09	-	
	Lizard	9 9	240	9.0	4.4	6.7	-	12.0	4	-4.0	26	-	-	5.30	136	1.08	30	18	16	2	-	1	1	0	0	5	-	9	1.88	-	
	Falmouth	9 9	167	8.8	4.1	6.5	-0.7	12.2	7, 14, 20	-4.4	25, 26	-	-	5.23	99	1.23	31	18	15	1	0	1	1	0	1	3	11	3	1.76	99	
Somerset	Newquay	9 9	176	8.1	3.4	5.7	-1.2	12.2	7, 8	-5.6	24, 25	-	-	4.66	122	1.24	30	19	15	2	-	0	3	1	-	6	-	5	1.86	111	
	St. Mawgan	21-9	337	7.6	3.4	5.5	-	12.1	7, 8	-6.7	25	-	-	4.89	-	1.17	30	17	14	4	3	1	3	1	2	8	11	6	2.08	-	
	St. Austell	9 9	310	8.1	3.0	5.5	-	12.2	15	-5.6	25	-	-	6.53	116	1.70	30	18	18	2	3	0	1	1	1	7	-	1	-	-	
	Fowey	9 9	51	8.9	3.7	6.3	-0.8	12.2	7, 14, 20	-4.4	25, 26	-	-	5.09	-	1.29	30	19	18	4	1	0	3	1	0	7	-	1	-	-	
	Bude	9 9	50	7.9	1.9	4.9	-1.8	13.3	8	-8.9	26	4.1	-	3.00	79	.44	8, 11	17	13	-	3	-	-	-	11	-	-	2.30	138		
Somerset	Ellbridge	9 9	190	7.7	1.4	4.5	-	12.2	7, 8, 15	-6.7	26	-	-	3.77	-	1.07	30	18	16	4	3	1	0	2	0	15	21	2	2.35	-	
	NORTHERN IRELAND																														
Londonderry	Loughmore Forest	9 9	572	6.3	1.4	3.9	-	10.6	14, 15	-8.3	29	-	-	6.04	-	1.11	14	20	19	0	0	2	0	0	0	9	17	0	-	-	
	Eglinton	9 9	38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Ballykelly	21-9	3	7.2	3.3	5.3	-0.6	12.3	15	-6.4	29	-	-	3.74	105	.70	7	19	15	7	0	6	0	0	0	6	10	1	1.26	98	
	Derrynoyd Forest	9 9	292	6.9	1.2	4.1	-	12.8	15	-6.7	29	-	-	7.08	-	1.78	14	20	15	3	4	1	0	0	0	11	17	0	-	-	
	Somerset Forest	9 9	142	7.2	1.8	4.5	-	11.7	14, 15	-6.1	29	-	-	4.59	-	.90	7	18	17	1	0	0	0	0	0	9	14	0	-	-	
Antrim	Garvagh Forest	9 9	292	6.6	1.3	3.9	-	11.7	14, 15	-7.2	29	-	-	6.58	-	1.27	14	21	15	4	2	5	0	0	0	1	9	17	0	-	-
	Garvagh	9 9	121	6.7	1.6	4.1	-0.6																								







TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS DECEMBER 1962

DISTRICT, COUNTY AND PLACE		Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (OKTAS)		VISIBILITY										WIND, NUMBER OF OBSERVATIONS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
				At Mean Sea Level	Difference from Average	Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	Mean Amount	No. of Observations					NUMBER OF OBSERVATIONS					FORCE (0-12)				DIRECTION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
											0	1	2	3	4	5	6	7	8	9	0-44 yd.	45-210 yd.	220-430 yd.	440-1,000 yd.	1,100-2,100 yd.	2,200-4,300 yd.	3-6 mi.	7-12 mi.	13-24 mi.	25 mi. or over	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 DECEMBER 1962

DISTRICT, COUNTY AND PLACE		Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (OKTAS)					VISIBILITY										WIND, NUMBER OF OBSERVATIONS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
				At Mean Sea Level	Difference from Average	Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	Mean Amount	No. of Observations					NUMBER OF OBSERVATIONS					FORCE (0-12)					DIRECTION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
											0	1	2	3	4	5	6	7	8	9	0-44 yd.	45-210 yd.	220-430 yd.	440-1,090 yd.	1,100-2,190 yd.	2,200-4,390 yd.	3-6 mi.	7-12 mi.	13-24 mi.	25 mi. or over	Beaufort Force					N.	N.E.	E.	S.E.	S.	S.W.	W.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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TABLE XIII—SOLAR RADIATION AND INTENSITY OF DAYLIGHT, DECEMBER 1962

STATION	TOTAL RADIATION ON A HORIZONTAL SURFACE mw. hr./cm <sup>2</sup>						DIFFUSE RADIATION ON A HORIZONTAL SURFACE mw. hr./cm <sup>2</sup>						INTEGRATED ILLUMINATION OF A HORIZONTAL SURFACE kilo lux-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 ... ..	29	5	1	20	15.8	31	23	3	1	20	14.1	31	44	19	1	20	19.7	31
Eskdalemuir ... ..	96	28	10	8	47.4	31	54	24	10	7.8	30.7	31	97	28	11	7	49.2	31
Cambridge ... ..	125	2	10	31	66.2	31	64	1	10	31	36.3	31	-	-	-	-	-	-
Kingsway ... ..	97	2	8	31	54.6	31	54	29	8	31	36.1	21	109	9	12	31	56.2	31
Kew ... ..	99	10	7	31	54.0	31	52	23	6	31	33.0	31	109	9	8	31	57.2	31
Aberporth ... ..	112	5	9	31	58.5	31	78	3	9	31	36.7	31	-	-	-	-	-	-

TABLE VIII—NUMBER OF DAYS IN DECEMBER 1962 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	16	15	0	0	0	0	0	0	0	0	10	14	7	0	0	Birmingham ... ..	9	6	14	2	0	0	0	0	0	0	0	4	12	13	2	0	0
Stornoway ... ..	0	8	19	4	0	0	0	0	0	0	1	5	14	11	0	0	Kew Observatory ... ..	1	16	12	2	0	0	0	0	0	0	0	0	16	10	5	0	0
Craibstone ... ..	2	15	14	0	0	0	0	0	0	0	1	11	19	0	0	0	Hastings ... ..	4	7	18	2	0	0	0	0	0	0	0	0	11	17	3	0	0
Rothsay ... ..	0	11	18	2	0	0	0	0	0	0	0	6	23	2	0	0	Southampton ... ..	1	11	13	6	0	0	0	0	0	0	0	2	15	12	2	0	0
Renfrew ... ..	2	12	13	4	0	0	0	0	0	0	4	11	11	5	0	0	Stonyhurst ... ..	5	9	16	1	0	0	0	0	0	0	0	9	8	13	1	0	0
Eskdalemuir ... ..	5	17	8	1	0	0	0	0	0	1	5	14	8	3	0	0	Bidston Observatory ... ..	3	13	10	5	0	0	0	0	0	0	0	4	11	12	4	0	0
Douglas ... ..	0	6	21	4	0	0	0	0	0	0	0	8	16	7	0	0	Holyhead (Valley) ... ..	0	8	16	7	0	0	0	0	0	0	0	2	6	9	13	1	0
Cockle Park ... ..	3	13	12	3	0	0	0	0	0	0	1	19	10	1	0	0	Falmouth ... ..	0	6	14	11	0	0	0	0	0	0	0	0	3	14	14	0	0
Gorleston ... ..	0	15	15	1	0	0	0	0	0	0	0	5	12	4	0	0	Aldergrove ... ..	0	11	16	4	0	0	0	0	0	0	0	2	6	18	5	0	0
Cambridge ... ..	5	12	11	3	0	0	0	0	0	2	12	9	7	1	0	0	Armagh ... ..	0	10	14	7	0	0	0	0	0	0	4	6	17	4	0	0	

TABLE III—ADDITIONS AND CORRECTIONS

MONTH	STATION	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)			WEATHER Number of days										BRIGHT SUNSHINE					
				Means of		Air Temperature Mean of A and B		Highest Maximum and Lowest Minimum						Total Fall	Per- centage of Average	Most in a day	Precip'n		Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. °C. or less	Gale	Daily Mean	Per- centage of Average			
				A Max.	B Min.	Mean Temperature Mean of A and B	Difference from Average	Maximum	Date	Minimum	Date	1 ft.	4 ft.	Amount	Date	-0.01 in. (0.25 mm.) or more	-0.01 in. (0.25 mm.) or more	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
				Max. Min.		°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
1962			G.M.T.	ft.																												
January	Coventry	9 9	338	6.9	0.5	3.7	+0.1	10.6	20.21	-13.9	3	3.0	4.8	2.20	89	.28	21	16	12	0	-	0	0	0	0	9	-	1	2.08	184		
February	"	"	338	7.4	1.3	4.3	+0.4	13.3	12	-3.9	26	-	5.8	.59	33	.18	12	10	6	3	-	0	0	0	0	11	-	1	2.59	132		
March	"	"	338	6.4	-1.2	2.6	-3.5	12.8	29	-6.1	6.15	-	4.9	.94	58	.40	28	10	5	6	-	0	0	0	0	1	23	-	0	3.60	111	
April	"	"	338	11.3	3.8	7.5	-1.0	19.4	26	-0.6	4	7.3	6.0	1.75	87	.45	16	18	12	0	-	0	0	0	0	0	1	0	0	4.63	102	
May	"	"	338	13.7	6.1	9.9	-1.6	18.3	6	0.0	1	11.0	8.8	1.43	66	.36	20	20	11	0	-	0	0	0	0	0	1	-	0	4.83	89	
June	"	"	338	18.4	8.8	13.6	-1.1	25.6	9	1.1	1	-	10.9	.30	17	.08	28	10	2	0	-	0	0	0	0	0	0	0	0	6.81	113	
July	"	"	338	19.2	10.6	14.9	-1.9	25.0	8	5.6	7	-	12.6	1.68	64	.33	10	13	11	0	-	0	0	0	1	1	0	0	0	4.05	76	
August	"	"	338	18.3	10.1	14.2	-2.0	20.0	1.6	22	6.1	5	-	13.3	3.89	154	1.50	6	15	13	0	-	0	0	0	0	0	0	0	4.78	91	
April	Chesterfield	"	298	11.2	2.8	7.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
May	"	"	298	14.3	5.5	9.9	-	-	17.8	3.7	-1.1	1	-	2.50	-	.70	16	15	10	0	0	0	0	0	0	5	2	-	0	-	-	
June	"	"	298	18.7	8.2	13.5	-	-	25.6	8	0.0	1	-	.63	-	.29	12	4	3	0	0	0	0	0	0	1	1	-	0	-	-	
August	"	"	298	18.2	9.9	14.1	-	-	21.1	2	6.1	30	-	3.00	-	1.21	6	14	9	0	-	0	0	0	0	0	0	0	0	-	-	
October	"	"	298	14.2	5.6	9.9	-	-	18.9	1	-2.8	27	-	.84	-	.27	27	8	5	0	0	0	0	0	0	17	2	-	0	-	-	
"	Caldecott	"	175	4.6	9.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
"	Birmingham K.E.S.	"	450	13.9	7.4	10.7	-	-	17.8	1.5	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
"	Luddington	"	138	5.7	10.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
"	Moreton Morrell	"	280	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
"	Oaken	"	409	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
"	Stone	"	350	13.1	-	9.5	-	-	-	-	-	-	10.8	-	.70	-	.32	29	8	4	-	-	-	-	-	-	-	-	-	-	-	
"	Oswestry	"	570	-	6.5	9.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
"	Walvern	"	203	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
"	Worcester (Redhill)	"	190	14.6	-	10.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
"	Westminster	"	27	15.6	9.2	12.4	+0.8	21.1	2	1.1	27	-	-	1.69	77	.68	25	6	5	0	-	0	0	0	0	-	0	-	0	-	-	
"	Southgate	"	221	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
"	Wingham (Elmstone)	"	28	-	6.9	11.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
"	Dover R.W.S.	"	402	-	8.4	11.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
"	Ramsgate	"	80	15.0	10.5	12.7	-	-	20.0	18	3.3	31	-	-	2.66	69	.93	25	7	5	0	0	0	0	0	1	4	0	-	-	-	
"	Benenden	"	195	7.9	1.3	4.6	-	-	12.8	26	-1.1	1	-	-	3.72	-	.69	10	16	15	2	4	0	0	0	0	1	11	22	0	-	
"	Bwlchwyn	"	1267	5.3	0.3	2.8	-	-	8.9	23.24	-7.8	1	2.6	-	4.12	-	.78	15	(20)	(15)	2	5	0	0	0	0	0	11	24	3	-	-
April	"	"	1267	9.1	1.5	5.3	-	-	17.2	25	-4.4	14	4.9	-	4.24	-	.68	16	16	15	5	0	0	0	0	0	3	9	21	0	-	
May	"	"	1267	12.2	4.0	8.1	-	-	16.1	21.22	-0.6	2	8.0	-	3.33	-	.43	11	23	19	-	-	-	-	-	-	2	2	9	-	-	
June	"	"	1267	15.6	7.4	11.5	-	-	21.1	8	2.2	1	10.8	-	1.79	-	.39	12	14	10	0	0	0	0	0	0	1	0	2	0	-	-
July	"	"	1267	15.9	8.7	12.3	-	-	20.0	9,13,29	0.0	5	11.9	-	2.36	-	.84	10	14	13	0	0	0	0	0	0	4	1	10	0	-	
May	Rugby	"	385	14.0	5.8	9.9	-	-	18.3	8	-0.6	1	11.3	-	1.57	-	.36	10	20	8	0	0	0	0	1	1	-	2	3	0	-	-
June	Wallingford	"	157	14.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
"	Rugby	"	385	18.9	8.3	13.6	-	-	25.6	9	1.1	1,3	-	-	.39	-	.12	9	10	4	0	0	0	0	0	1	-	0	3	0	-	-
"	Ramsgate	"	80	17.4	10.8	14.1	-	-	21.7	24	3.9	2	-	-	.11	8	.08	18	2	1	0	0	0	0	0	0	0	0	0	-	-	-
August	Penicuik	"	620	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
"	Bognor Regis	"	26	14.9	8.6	11.7	+0.2	18.3	8,10	1.7	27,29	-	-	14.1	1.77	57	.96	25	7	7	0	0	0	0	0	0	0	0	0	-	-	-
October	Willport	"	14	13.1	9.2	11.1	-	16.7	8	1.7	26	-	-	2.84	55	.90	29	12	7	0	0	0	0	0	0	0	0	0	-	-	-	-



# Monthly Weather Report

## OF THE METEOROLOGICAL OFFICE

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

Volume 79 Number 13

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### Annual Summary 1962

	Page		
REMARKS ON THE WEATHER OF THE YEAR.. .. .	193	TABLE IV.	Summary of the Observations of Pressure, Temperature, Humidity, Cloud, Visibility and Wind at fixed hours of the day .. .. . 204-207
ANNUAL WEATHER CHARTS: Mean Pressure; Anomaly of Mean 1 ft. Earth Temperature, Distribution of Mean Temperature; Bright Sunshine; Rainfall. .. .. .	195,196	TABLE V.	Warmest Day and Night and Coldest Day and Night at each station.. .. . 207-211
TABLE I.	Extremes of Temperature; and District Values for the year .. .. .	TABLE VI.	Monthly frequencies of Days of Sunshine of specified durations for 20 stations .. .. . 211
TABLE II.	Summary of Autographic Records of Wind (see Table IX, p.211) .. .. .	TABLE VII.	Frequency of specified Daily Rainfall Totals for 30 stations .. .. . 211
TABLE III.	Summary of the Records of Temperature, Rainfall and Sunshine and of Weather Observations .. .. .	TABLE VIII.	Frequency of specified Maximum and Minimum Temperatures for 20 stations .. .. . 212
	198-204	TABLE XIII.	Solar Radiation and Intensity of Daylight .. .. . 215
WIND SECTION			
TABLE IX.	Summary of Autographic Records of wind .. .. .	TABLE XI.	Particulars of "strong gales" .. .. . 213-214
TABLE X.	Monthly frequencies of Gusts .. .. .	TABLE XII.	Dates of gusts of "whole gale" force .. .. . 214-215
	213		

### REMARKS ON THE WEATHER OF THE YEAR

#### 1962—An Exceptionally Cold Year

The year 1962 was remarkable for its persistent coldness, mean temperature, after February, being below the 1921-50 average every month except October. In England and Wales, with a mean annual temperature of 9.1°C, it was the coldest year since 1919, although 1922 and 1956 with mean temperatures of 9.3°C and 9.4°C respectively were almost as cold. In Scotland the year 1952 was colder. The spring was the coldest of the century in England and Wales but in Scotland the spring of 1951 was colder. There were very few occasions during the year when temperature anywhere reached 27°C.

Other noteworthy features of the year included the very severe gales during January and February, (on February 16th about two thirds of the dwelling houses in Sheffield suffered gale damage of some sort or other, many having their roofs torn off); the coldness of March, in England and Wales the coldest March of the century and in Scotland the coldest since that of 1947; the unusual amount of sunshine during April in western Scotland; the dryness of June over southern and eastern England; the heavy rains of August which caused considerable flooding in north-west England and south-west Scotland; the warm "summerlike" period in southern England during October in sharp contrast with the rest of the year; the widespread early snows of November and the blizzards of December.

#### General Weather

The year opened bright and cold with snow lying 6-8 inches deep over most of the country, but south-westerly winds brought a rapid rise of temperature on the 5th and milder weather persisted for most of the remainder of January; there were stormy periods during the second and third weeks, gales being particularly severe on the 11th. The first three weeks of February too were changeable and generally rather mild with an exceptionally stormy period with heavy rain from 11th-16th. The last week of the month was cold with easterly winds; snow showers, scattered at first, became progressively more frequent and prolonged, and on the 26th and 27th easterly gales piled snow seven feet deep in drifts in parts of Lincolnshire. The cold weather with winds predominantly from an easterly point continued until March 25th; over most of the country it was the coldest March of the century. Snow fell most days; it lay during the first week up to 4 inches deep in parts of central, south-west and northern England. The

last week was less cold with temperature in southern England near the average. A generally cold April was dull in the south-east but exceptionally sunny in the north-west of the British Isles. North-easterly winds kept day temperatures low from 12th to 16th, but thereafter weather was milder, although very changeable, until the 21st. A week of warm, sunny weather followed with temperature reaching 21°C at a few places on the 25th and 26th, but cold north-easterly winds spread over the country during the last two or three days of the month. May, like April, was mostly cool, rather dull in the south-east but sunny in the north-west of the country. Two unsettled periods, the 3rd-11th and the 16th-22nd broke an otherwise dry month. A feature of the month was the persistent lowness of the daily maximum temperature, especially in the south-east. June was dry and sunny and mostly rather cool, but a week of warm weather starting on the 3rd with afternoon temperatures reaching 27°C in a few places on the 8th and 9th ended in thunderstorms during the night of the 9th/10th. Temperature was below average nearly everywhere during the second half of the month. A cool, mainly dry July was notable, on the other hand, for the first really intense thunderstorms of the year. These led to local flooding during the second and third weeks of the month. Afternoon temperatures in some east coast districts were as much as 3°C below normal. The cool weather continued through a wet and stormy August broken only by short finer spells on the 12th-13th and the last two days of the month. Periods of heavy rain caused flooding in the Lake District and parts of Scotland on both the 11th and 23rd. September was the seventh successive month with mean temperature below the average. Like August it was generally unsettled apart from a week of fine weather on the 18th-24th and two short spells around the 1st and 13th. The outstanding feature of October was the fine warm weather which lasted with little interruption from the 3rd until the 24th. The last week, however, was rather cold with snow and sleet in many places. November was rather mild at first, but easterly winds, later backing to north, kept temperatures considerably below average from 11th-24th. Snow showers became frequent and in some districts the ground was snow covered from 16th-23rd. The first week of December was very foggy and cold, but the second and third weeks were changeable, stormy weather alternating with fair spells. The month ended with an exceptionally cold week with heavy snowfall. On the 29th a blizzard swept the south-west and English Channel coast. Heavy snowfall, blown into deep drifts by gale force winds, isolated many towns and villages. By the evening of the 30th the snow had spread northward to the Lake District.



## Synoptic Features

Weather during January was predominantly westerly-cyclonic in character although anticyclonic and cold for the first few days and again for a short period towards the end of the month. In February pressure was relatively high to the south-west of the country until the 17th with depressions moving east over or to the north of Scotland, but an anticyclone moved eastward across southern England to Scandinavia during the next four days, and thereafter a cold easterly airstream covered the country, which persisted even when the main centre of high pressure moved northwestwards, first to Iceland and then to Greenland. March weather remained predominantly anticyclonic in character until the 25th with pressure continuing high over Greenland during the first two weeks and then in the region of Iceland, maintaining, apart from minor interruptions, a generally cold north-easterly air-stream over the British Isles. The last six days of the month and the first eleven days of April were milder and mainly cyclonic with depressions moving across or to the north of the British Isles, but on the 12th-16th the country came under the influence of an anticyclone moving from Iceland to southern Scandinavia. Thereafter weak troughs maintained generally cyclonic weather over the country until anticyclonic conditions were again restored on the 22nd, the anticyclone being centred to the north of Scotland for much of the last week. During May there were two cyclonic periods, the 3rd-11th and 16th-22nd; otherwise weather was mainly anticyclonic with pressure high to the north and west of the country. June began and ended with anticyclonic weather, but from the 9th to the 25th a series of relatively weak frontal systems, followed by pronounced ridges moved eastwards across the country. After nearly a week of north to north-west winds, associated with high pressure to the west of Ireland, a ridge became situated over the country on July 6th-8th, but thereafter, for most of the remainder of July, a succession of complex and slow-moving depressions crossed the country, some approaching from the south-west. August too was mainly cyclonic with a succession of troughs moving across the country, associated with depressions to the north and north-west of Scotland; the series was broken by short anticyclonic spells on the 12th-13th and 30th-31st. September's weather was predominantly cyclonic in character apart from a week of anticyclonic weather on the 18th-24th and two short spells around the 1st and 13th, but the outstanding feature of October was the generally dry anticyclonic weather which lasted, with little interruption, from the 3rd until the 24th. The last week of the month was cyclonic, and generally cyclonic weather persisted throughout November, apart from anticyclonic periods on the 10th-13th and during the last six days of the month. This latter period persisted for most of the first week of December but the 7th-20th was mainly cyclonic with troughs moving across the country in an air-stream mainly from high latitudes. Weather during the remainder of the month was dominated by anticyclones either over the continent or near Iceland.

The transition from a cyclonic to anticyclonic type is often gradual, resulting in frequent borderline cases when individual days are being considered. It will, however, be seen from the above that cyclonic days occurred on nearly 100 more days during the year than anticyclonic, and that weather was predominantly cyclonic during January, July, August, September and November with 24, 24, 27, 21 and 20 days respectively. Anticyclonic days were the more frequent during March, October and December with 25, 24 and 17 days. During the remaining months of the year there was a slight preponderancy of cyclonic days, 16 or 17 in number.

## Pressure and Wind

Mean pressure at 9hr was above the average over the whole of the United Kingdom during six months of the year (February, April, June, July, October and December) but below only during September. During the remaining months of the year it was above in the north but below in the south in March and November, and below average in the north but above in the south in January, May and August.

Thus during the spring mean pressure gradually changed from being highest in the north and lowest in the south during March to the reverse during May. It was everywhere above the average during the early summer, (June and July) below over most of the country, except the south, in August, becoming below everywhere in September. Mean pressure was considerably above average over the whole country during February and October, more than 10 mb excess in southern England in February and nearly 8 mb excess in Scotland in October.

An indication of the general wind direction over the United Kingdom is given in the section on "General Weather" from which it will be seen that surface winds were unusually frequent from between south-east and north-west. They were mainly in the SE.-NE. quadrant on February 22 - March 24, April 13 - May 3, June 2-8, November 6-12, and December 22-31; and mainly in the NE.-NW. quadrant on February 12-17, May 11-13, and 24-31, June 24-30, July 1-5, August 5-7, September 15-20, November 14-21 and December 8-18. The only months during which west to south-westerly winds predominated were January and August. During October winds were light and variable for much of the month.

Wind reached gale force in England and Wales on 20 days during January and February, on 13-15 days during August, September and December, on 10-11 days during April and May, on 7-8 days during June, October and November, and on 5 days in July. In Scotland gales occurred somewhat more frequently especially during October and November when there were 8 and 7 days more respectively.

Gales were widespread on January 8 and 11-16, on February 11-12 and 15-16, on March 7, April 2 and 8, on May 16 and 19, and on June 24. During the second half of the year gales were widespread on August 26 and 27, on September 29 and 30 and on October 30.

January gales were particularly severe on the 11 and 16, and gales were also severe on February 11 and 16, March 7, September 29 and 30, and December 15. During January a gust of 90 kt was recorded at Hartland Point on the 11th and one of 89 kt at Stornoway on the 21st. Considerable damage was caused at Sheffield during the gale of February 16 when a 103 kt gust was reported from Lowther Hill. On March 7 severe gales coupled with high seas destroyed sea walls in Devon and Cornwall causing disastrous flooding; a gust of 81 kt was

recorded at Scilly. Gusts of 74 kt were recorded at Durham on June 24 and of 77 kt at Stornoway on September 30. On December 15 a gust of 102 kt was recorded at Lowther Hill and one of 78 kt at Bidston Observatory.

## Temperature

Over the year as a whole mean temperatures were below the 1921-50 averages, the deficit being 0.9°C in England and Wales and 0.6°C in Scotland and Northern Ireland. In England and Wales and also in Scotland during every month after February mean temperature was below the average with the sole exception of October; in Northern Ireland, only during February and October was temperature above average. The year began and ended with bitterly cold weather, severe night frost and with most of the country snow-covered during the first and last weeks. An unusually cold March heralded a cold spring and the summer was perhaps notable for the very few occasions when afternoon temperatures reached 27°C anywhere in the country.

The first four days of January were intensely cold with very severe night frosts (-21.1°C was recorded at Corwen on the 2nd), but from the 6th to the 26th temperature was mainly above average, especially in south-east England. February temperature was generally above average during the first three weeks but below average during the last week of the month and during each subsequent month until October. March in England and Wales was the coldest March of the century with day-time temperatures 3°C below the average at many places. At Kew temperatures failed to reach 4°C on six days. Overnight air frost was recorded over much of the country on 20 mornings. It was the coldest March at Ross-on-Wye since 1883. During April day temperatures were below average except from the 20th to the 26th in England and during the last ten days of the month in Scotland. Night temperatures were about average except around the 13th. A noteworthy feature of May was the persistent lowness of the daily maximum temperature especially in south-east England. Temperature at Kew did not exceed 18°C during the month, the lowest maximum since records began in 1841. Air frost was reported locally on the 1st and 2nd and towards the end of the month. In June days were warm and sunny during the latter part of the first week but during the second half of the month afternoon temperatures were persistently below average. July was a cool month in all districts, mean maximum temperatures in many places being nearly 3°C below average. Plymouth recorded its lowest July night minimum (6.1°C) for forty years. August day temperatures were below average throughout the month (except on the 19th) particularly in the Midlands and north-west England. In Scotland the highest temperature recorded during the month was 21°C, the lowest absolute maximum temperature for any August since 1856 except for 1912 when it was equalled. Grass minimum temperatures fell below 0°C on 10 nights, -5.6°C being recorded at Cannich on the 14th. September temperatures were mainly below the average, the lowest day temperatures occurring generally between the 17th and the 23rd. Air frost was fairly extensive over southern England on the 22nd. October was the first month since February with mean temperatures above the average. The 6th to the 9th were particularly mild days over most of England, but during the last six days of the month temperature was below average nearly everywhere with widespread air frost during the early hours of the 27th and 29th. The first ten days of November were rather mild, but temperatures were considerably below the average from about the 11th to the 23rd and average or a little above during the last week of the month. December temperatures were below average during the first week but about average from the 8th to the 20th after which there was a sharp fall. Day temperatures during the last week were near freezing point over much of the country, and night frosts were very severe. At Huddersfield a grass minimum of -16.5°C was recorded, the lowest there since 1895.

Extreme temperatures during the year included:- (England and Wales) 27.8°C at Writtle on September 3, -21.1°C at Corwen on January 2; (Scotland) 26.1°C at Glamis on June 8, -17.2°C at Grantown-on-Spey on March 6; (Northern Ireland) 24.4°C at Armagh on June 8, -11.7°C at Newry on March 4.

The following table gives in degrees Centigrade the monthly and annual deviation from the 1921-50 average temperature 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)	+0.4	+0.3	-3.1	-0.6	-1.0	-0.7	-1.5	-1.3	-1.0	+0.5	-1.0	-2.3	-0.9
(b)	+0.2	+0.4	-2.7	-0.4	-0.3	0.0	-1.4	-1.2	-0.7	+1.1	-0.7	-1.0	-0.6
(c)	-0.4	+0.5	-3.0	-0.3	-0.6	-0.7	-1.1	-0.9	-0.8	+0.9	-0.3	-0.7	-0.6

## Precipitation

The year as a whole was rather dry over England and Wales with rainfall 87 per cent of the average and also over Northern Ireland with 91 per cent of the average rainfall, but over Scotland rainfall was 2 per cent more than average. The driest part of the country generally was north-east England and the Midlands and the wettest part northern Scotland. In England and Wales the wettest months were August and September with rainfall 135 per cent of the average in Wales, and the driest June and October with rainfall 30 and 40 per cent of the average respectively. Rainfall showed a repeating pattern of two dry months following two wet ones in both England and Wales and in Scotland, but in Northern Ireland rainfall was below average from February to July.

Heavy snowstorms which brought in the New Year were followed by a few days of dry but intensely cold weather. A changeable stormy period began on January 6th and lasted until the 26th. Rain was widespread and heavy on the 8th and again on the night of the 10th/11th. The wettest day of the month was probably the 15th; parts of western Scotland had more than 3 inches of rain in 24 hours and there was considerable flooding. South-east England and the English Channel had heavy rain with severe gales on the 21st. February was mainly dry in southern England with less than 25 per cent of average rainfall over a wide area, but rainfall was

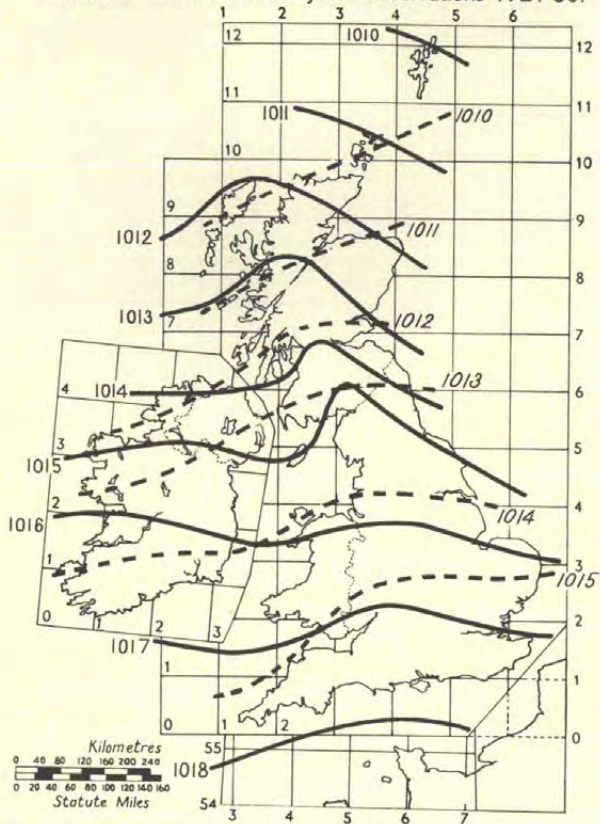


## ANNUAL WEATHER CHARTS

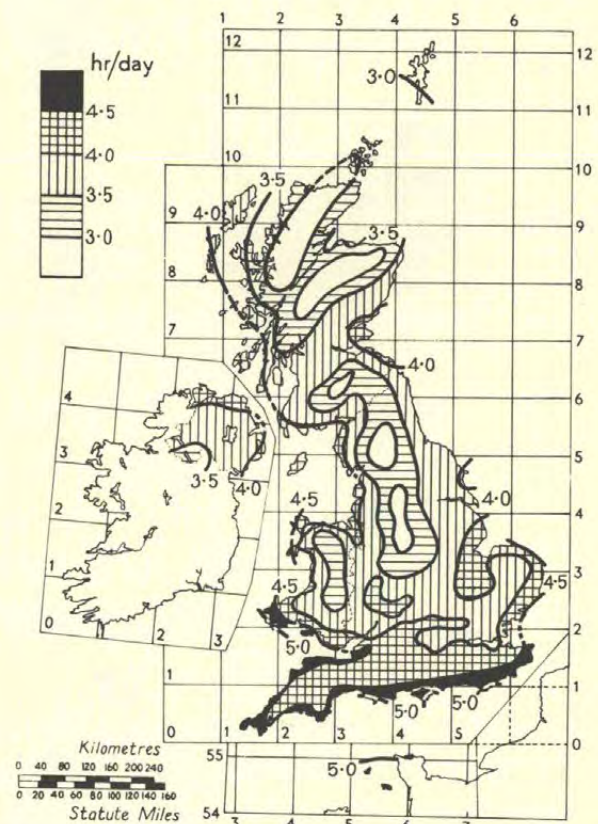
1962

## 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.

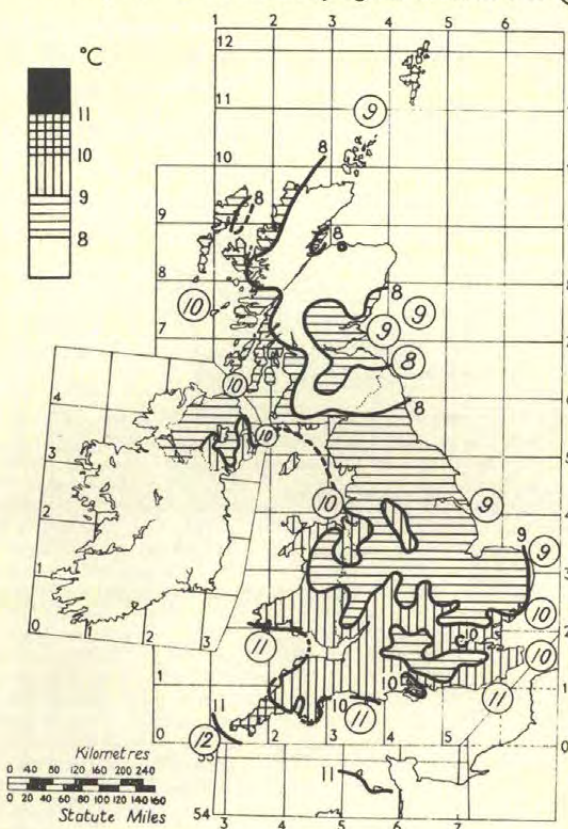


## BRIGHT SUNSHINE

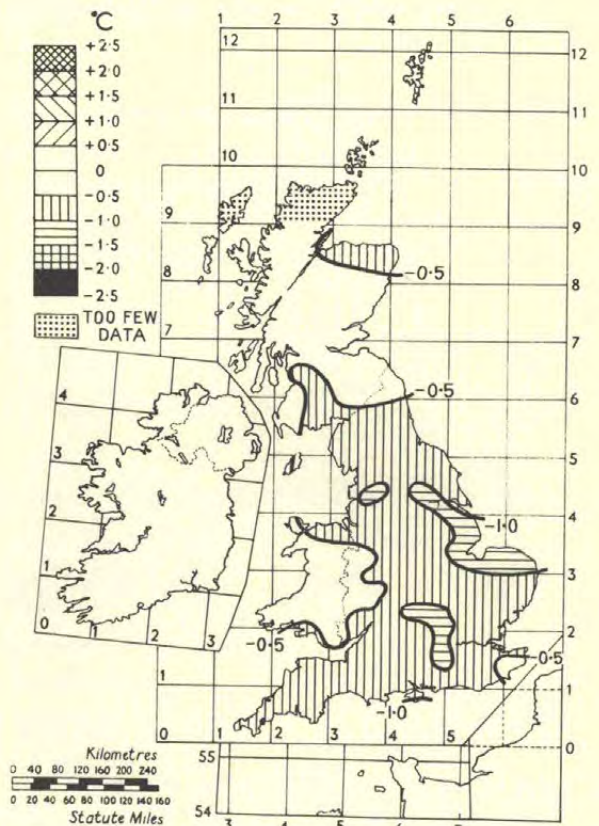


## MEAN AIR TEMPERATURE

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

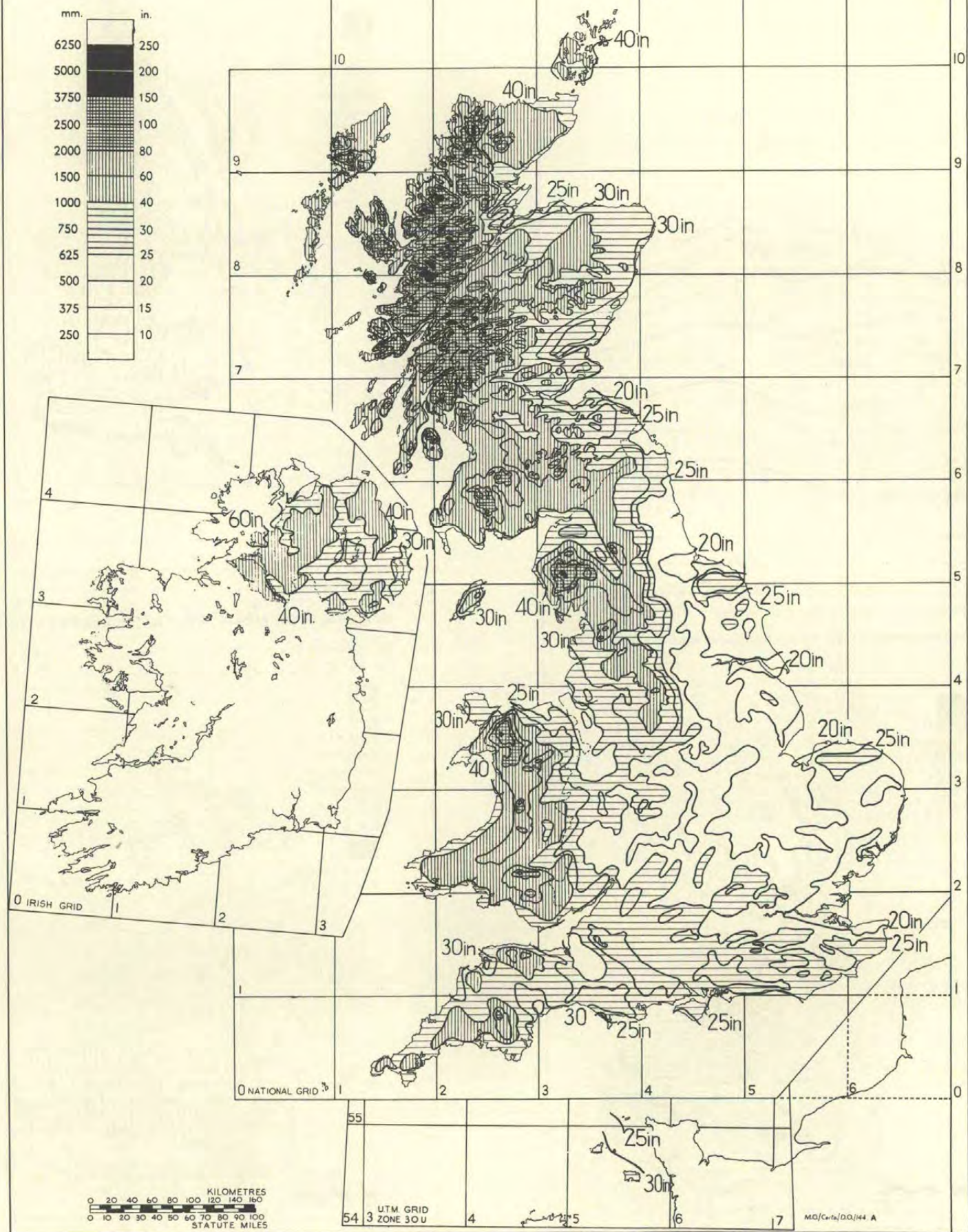




# RAINFALL

## 1962

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





heavy in the north-west during the first half of the month; on the 11th amounts exceeded 5 inches in the Loch Leven area and 4 inches in the Lake District. On the other hand many places in southern and south-western England had 14 or more days without measurable rain after the 12th. During March, apart from temporary minor interruptions, a cold northerly air-stream covered the country up to the 25th. On the 3rd prolonged snow fell on the south coast and the Channel Islands, accumulating to a depth of 4 inches in Jersey. From 7th-9th gales and heavy rain accompanied by high tides did considerable damage to sea defences in the extreme south west of Cornwall and in South Wales. The last six days of the month were milder but stormy with heavy rain at times, and these conditions continued until April 11th. On the 2nd more than 5 inches was recorded at Borrowdale, Cumberland, and more than 4 inches in Merionethshire, while on the 7th there was a fall of over 3 inches in Montgomeryshire in 24 hours. The 16th-21st was another unsettled period in England and Wales with heavy rain in south-east England on the 21st; Scotland however had mainly dry weather. During May weather was generally wet and unsettled from the 3rd to 22nd and heavy rainfall occurred in western districts, particularly on the 5th-9th. Perhaps the outstanding precipitation during the month was on the 16th when 5 inches was recorded in the north of Scotland. June was generally sunny and dry particularly in eastern and southern districts where at Boscombe Down it was the driest June since at least 1931. Moderate rain spread across England on the 11th and continued over Wales and Scotland on the 12th; falls of up to 3 inches occurred in the mountainous district of North Wales. The 19th was wet and stormy in western and northern Scotland with falls of over 1 inch in places. Although July was dry generally the month was notable for the first really intense thunderstorms of the year. The first of these occurred on the 10th and 11th chiefly in north-west and central England where over 1 inch in 24 hours was recorded at many places. Rainfall was even heavier on the 26th in a narrow belt from eastern Berkshire to eastern Norfolk; totals exceeded 2½ inches in the upper Stour valley and also at Lowestoft. The 21st was a very wet day in eastern Scotland, more than 2 inches of rain being recorded in eastern Aberdeenshire. August was a very wet month especially in northern Scotland. The 2nd was a generally sunny day but at Hastings it was the wettest day since records began in 1875. The Bank Holiday was one of the coldest and wettest in southern Britain; the heaviest rainfall occurred over an area extending from Dorset to the west Midlands, 4 inches being recorded in 24 hours in the northern Cotswolds. The 10th was another extremely wet day in western districts; more than 5 inches was recorded in the Lake District where there was severe flooding, possibly the worst since 1954. Falls of over 4 inches were recorded in the Welsh hills on the 23rd and of over 3 inches on the 26th. September was another wet and unsettled month particularly in Northern Ireland where at Armagh it was the wettest September since 1840. The 9th to the 11th was a wet period with over 2 inches of rain in west Scotland on both the 9th and 11th and over 3 inches over the high ground in Wales on the 11th. 3 inches also fell in parts of Wales on the 29th. October was dry for much of the month, but on the night of the 24th/25th over 1 inch of rain was recorded in parts of south-east England. The 29th was another wet day with over 2 inches in parts of Wales. The first week of November was wet in most districts. Occasional rain on the 7th-9th was followed by widespread rain on the 14th and a belt of rain on the 16th which turned to snow as it spread northwards. During the next few days undrifting snow accumulated to a depth of 16 inches in the Forest of Teesdale (Durham) and to 7 inches in parts of Scotland. The quiet foggy weather of early December was followed by a wet stormy period which lasted from the 7th to the 16th. Much of Scotland had over an inch of rain on the 7th and there was an inch or more of rain in the west on the 8th, 10th, 12th and 14th. A sharp fall of temperature shortly before Christmas was followed by heavy snowfall in lowland Scotland on Christmas Day which spread southwards on the 26th. The snow-belt remained stationary over southern England for almost 24 hours giving level depths of a foot or more. On the 29th a blizzard swept south-west England and the Channel coast and heavy snowfall with much drifting spread northward during the night. By the evening of the 30th the snow had reached the Isle of Man and the Lake District, but by then the snow had turned to rain in the extreme south-west where over 1 inch fell at many places. The rain made little progress eastward, the precipitation over most of the British Isles being in the form of snow.

**Thunder** was heard somewhat more frequently in England and Wales than in Scotland except during January and February when it was heard on 11 days each month in Scotland but only on 9 and 4 respectively in England and Wales. It occurred most frequently during July (17 days) in England and Wales followed closely by May (15 days). April, August and September had 10, 12 and 13 days respectively. Of the other months November and December had 8 each, October 6, May 4 and June, although a summer month, only 2.

Very intense short period falls appear to have been less frequent than usual, a consequence, no doubt of the cool summer, as such falls are usually associated with thunderstorms. Some of the noteworthy falls during July and August are listed hereunder.

July 10	·95 in. in 45 min at Much Dewchurch, Herefordshire.
July 14	1·26 in. in 90 min at Much Dewchurch, Herefordshire.
July 26	1·00 in. in 30 min at Pirbright, Surrey.
July 26	1·14 in. in 50 min at Reigate, Surrey.
July 26	1·22 in. in 120 min at Bracknell, Berkshire.
Aug. 6	1·73 in. in 120 min at Rye, Sussex.
Aug. 11	1·22 in. in 120 min at Great Langdale, Westmorland.

**Dry Spells** of 15 consecutive days or more without measurable rain were confined to June and October as below.

June 16th in many parts of East Anglia was the 19th consecutive day without measurable rain.

From October 4 or thereabouts there were 15 consecutive days without measurable rain in the Southampton-Portsmouth area, 20 days in the Swindon area, and 22 days in both the Norwich and Hayling Island areas.

**Snow and Sleet**, was fairly frequent in the first three months of the year being recorded on 24, 17 and 28 days during January, February and March respectively

in England and Wales and on 31, 24 and 31 in Scotland. During the last three months of the year the corresponding figures were 6, 10 and 12 for England and Wales and 8, 14 and 24 for Scotland. There was no snow from June to September in England and Wales, but in Scotland only June and July were snow-free. Snow showers were unusually frequent in Scotland during May, being recorded on 19 days.

#### Rainfall Summary

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

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
(a)	114	53	78	114	104	31	78	135	135	40	74	83	87
(b)	143	112	74	90	101	93	74	159	130	48	75	114	102
(c)	106	75	88	81	95	66	59	117	182	45	66	101	91

**Sunshine.** The general sunshine over the year expressed as a percentage of the 1921-50 average was 105 per cent over England and Wales, 104 over Scotland and 101 over Northern Ireland. January to April were generally sunny months and May to September generally dull in England and Wales (except June) and in Scotland (except August). During the last three months of the year December was an unusually sunny month in England and Wales with 157 per cent of the average, but with rather less than average sunshine in Northern Ireland. April was a sunny month in Scotland and Northern Ireland with more than 140 per cent of the average amount of sunshine.

January was particularly sunny in the Midlands and in the London area where more than twice the average amount was recorded locally; amounts exceeded 150 per cent of the average over much of south-east England. February, another generally sunny month, showed a greater general excess in western and central districts; percentages at individual stations ranged from 152 at Huddersfield to 74 at Tunbridge Wells. March sunshine was about average over most of Scotland, 20 per cent above average in north-east England but slightly below average over eastern and southern England. In Scotland during April with sunshine everywhere above the average many records for the month were broken, at Stornoway for example with 230 hours, it was the sunniest April since records began in 1880. Weather was rather dull, however, in east and south-east England. A dull May with sunshine mainly below average except in some western districts was followed by a generally sunny June with excesses over most of the country except the north and north-west. July sunshine was below average almost everywhere except in western districts northwards of Argyllshire, and August, like July was dull over most of England and Wales and south-western Scotland, but with above average sunshine over the remainder of Scotland and over Northern Ireland. September was a very dull month, especially in Scotland and Northern Ireland; it was the dulllest September at Edinburgh since 1896. October sunshine exceeded the average almost everywhere except around and to the north of the Forth-Clyde Valley; it was the sunniest October at Worthing, apart from 1959 for 40 years. Sunshine amounts were very variable during a generally dull November; in England percentages were lower in the east than in the west, ranging from 111 at Manchester Airport to 43 at Rothamsted, in Scotland many places had their most sunless November on record. December was an exceptionally sunny month in England and Wales; parts of central and south-east England had more than twice their usual amount of sunshine and some places in central London more than three times.

The sunniest station in each month were as follows:

January	Acklington	91·5 hours
February	Worthing	112·5 "
March	Valley	156·6 "
April	Tiree	253·6 "
May	Tiree	267·7 "
June	Jersey (Gorey Castle)	334·3 "
July	Dale Fort	221·1 "
August	Eastbourne	223·9 "
September	Jersey (Gorey Castle)	199·4 "
October	Hayling Island	167·9 "
November	Dunbar	72·2 "
December	Eastbourne	116·5 "

The following table gives monthly and annual general values of sunshine, expressed as an average for the period 1921-50 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)	135	110	105	104	89	119	74	92	88	109	76	157	105
(b)	123	112	107	141	97	99	98	109	69	98	81	119	104
(c)	114	100	111	143	111	103	85	115	65	110	51	98	101

#### Fog

Fog at 9hr was rather more frequent in England and Wales than in Scotland. The foggiest months were November and December with fog at one place or another on 21 and 22 days respectively in Scotland and 26 and 23 days in England and Wales. Widespread fog persisted day and night over much of the country during the latter part of the first week of December, and was very dense in places especially in the Thames Valley. The spell of fog in the London area lasting from the 4th to 6th of December was the worst since the "Great Smog" of December 1952. During November fog was dense in places on the 25th and 26th persisting all day in many districts.



September and October were also rather foggy months with 16 and 18 days of fog in Scotland and 19 and 24 days respectively in England and Wales. During October fog was widespread around the 9th, 16th and 23rd and many stations in the Midlands had fog on 9 days during the month.

During January, February and March fog was reported at one place or another on 16-20 days, but during the remaining months of the year, April to August, fog occurred mainly on 8-12 days except in England and Wales during April with 15 days and in Scotland during May with 18 days. On the 22nd-26th of April and 20th-21st of June sea fog was extensive in the Irish Sea and English Channel coasts.

### Miscellaneous Phenomena

The aurora was most frequently observed during the spring and autumn (on 16 nights during April and 17 during October) and least frequently during the early summer (no displays during June and only on one night during July). It was visible during both November and December on 14 nights and during January, March, August and September on 11-13 nights. During February and May it was visible on only 7 and 5 nights respectively.

Minor tornadoes did considerable damage to houses at Egremont, Cumberland, on the night of January 16/17 and at South Croydon on June 9th.

TABLE I.—DISTRICT VALUES FOR THE YEAR 1962 [FIRST PUBLISHED 1908, REVISED 1928, 1941 and 1956]

DISTRICT	AIR TEMPERATURE					EARTH TEMPERATURE		RAINFALL		SUNSHINE
	Highest	Lowest	Difference from Average			At 1 ft. Difference, from Average	At 4 ft. Difference from Average	Percentage of Average	No. of Days Difference from Average	Percentage of Average
			Max.	Min.	Mean					
0. SCOTLAND, N.	°C. 25.0	°C. -15.4	°C. -0.6	°C. -0.6	°C. -0.6	°C. —	°C. —	% 107	—5	% 100
<u>EASTERN</u>										
1. SCOTLAND, E.	26.1	-17.2	-0.7	-0.4	-0.5	—	—	93	+1	103
2. ENGLAND, N.E.	25.8	-15.0	-1.0	-0.9	-0.9	-0.8	-0.6	83	-9	109
3. ENGLAND, E.	27.8	-15.6	-1.2	-0.9	-1.0	-0.9	-0.8	85	-11	101
4. MIDLAND COUNTIES	26.7	-16.1	-1.1	-0.8	-1.0	-0.7	-0.4	83	-14	105
5. ENGLAND, S.E.	26.7	-17.2	-1.1	-0.7	-0.9	-0.9	-0.6	86	-15	104
<u>WESTERN</u>										
6. SCOTLAND, W.	25.0	-16.1	-0.6	-0.6	-0.6	-0.4	-0.5	98	-16	110
7. ENGLAND, N.W. (and N. Wales)	25.6	-21.1	-1.1	-0.6	-0.8	-0.9	-0.4	89	-20	111
8. ENGLAND, S.W. (and S. Wales)	27.2	-16.7	-1.1	-1.0	-1.1	-0.6	-0.4	87	-8	99
NORTHERN IRELAND	24.4	-11.7	-0.5	-0.7	-0.6	—	—	91	-31	101

\*At Falkirk — Annual values not available.

TABLE II.—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND—THE YEAR 1960 [First Published 1914]

The Summary showing the duration of Winds between stated limits of velocity, with Extreme Velocities, at anemograph stations, will be found at Table IX, in the Wind Section.

TABLE III.—SUMMARY OF THE RECORDS OF TEMPERATURE, RAINFALL AND SUNSHINE AND OF WEATHER OBSERVATIONS, YEAR 1962

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS							EARTH TEMPERA- TURE		RAINFALL (Terminal hour 9 G.M.T.)			WEATHER Number of days										BRIGHT SUNSHINE		
				Means of		Mean Temperature Mean of A and B	Difference from Average	Highest Maximum and Lowest Minimum		Total Fall			Per- centage of Aver- age	Most in a day		Precip'n -0.1 in.(0.2 mm.) or more -0.4 in.(1.0 mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail*	Ice or snow pellets etc. †	Thunder heard	Fog at 9h.	Air Frost	Grass min. 0°C or less	Gale	Daily Mean	Percentage of Average	
				A	B			Maximum	Minimum		Amount	Date																
				Max.	Min.			A Max.	B Min.		°C	°C		°C	°C													°C
		G.M.T.	ft.	°C	°C	°C	°C	°C	°C	°C	°C	in.	%	in.														
0 SCOTLAND, N.																												
Zetland		9 9	70	9.5	5.3	7.4	-	18.3	-3.3	-	-	47.81	-	1.95	15 Jan	244	200	46	27	19	2	2	2	35	-	54	3.05	-
		21-9	269	8.6	4.6	6.6	-0.5	18.9	-7.2	-	-	44.58	110	1.31	29 Mar	249	199	87	35	10	71	7	13	59	109	36	2.79	94
		9 9	78	9.3	4.3	6.8	-	17.8	-5.0	6.9	-	48.92	109	.97	15 Jan	274	219	90	38	46	0	1	1	65	-	39	2.71	-
Orkney		9 9	43	9.6	6.6	8.1	-	16.0	-1.5	-	-	41.18	-	1.85	4 Aug	250	188	33	7	9	0	0	1	17	76	31	-	-
		9 9	75	10.0	4.8	7.4	-	21.1	-6.7	7.4	-	46.15	-	1.95	4 Aug	276	202	56	29	5	19	7	4	48	114	33	2.70	-
		9 9	115	9.9	5.1	7.5	-	21.1	-6.1	-	-	47.04	-	2.03	3 Aug	271	213	62	21	36	29	4	5	34	82	41	3.27	-
Caithness		21-9	84	9.6	4.9	7.3	-	21.0	-4.7	-	-	44.19	112	1.72	3 Aug	259	196	81	19	75	2	6	3	46	87	25	3.20	-
		9 9	70	10.5	-	-	-	22.8	-	-	-	37.27	-	1.80	4 Aug	247	193	24	23	0	23	1	2	-	126	27	-	-
		21-9	119	9.6	4.5	7.1	-0.7	22.1	-8.5	-	-	31.59	105	.79	4 Aug	250	172	57	27	2	55	2	8	60	117	21	3.36	95
Sutherland		9 9	367	9.1	5.9	7.5	-	19.0	-2.0	-	-	46.22	98	1.20	4 Aug	248	212	52	16	22	7	1	12	36	61	29	-	-
		9 9	280	-	3.1	-	22.8	-	-13.3	7.5	7.6	44.98	108	2.30	16 May	263	118	67	61	22	0	5	6	103	209	3	-	-
		9 9	120	10.3	4.0	7.1	-	23.3	-10.0	-	-	41.92	98	1.72	4 Aug	266	209	83	30	6	39	2	2	72	-	3	2.76	-
Ross & Cromarty		21-9	11	10.5	5.0	7.7	-0.7	20.1	-8.4	-	-	45.06	114	1.24	11 Feb	250	195	60	21	15	59	9	0	53	107	27	3.64	109
		9 9	2	-	5.6	-	-	-	-4.4	-	-	59.57	-	1.27	15 May	268	.211	-	16	-	-	-	-	36	-	-	-	-
		9 9	20	-	-	-	-	21.1	-	-	-	64.44	-	1.81	6 Feb	208	194	-	-	-	-	-	-	-	-	-	(3.32)	-
		9 9	220	11.1	3.7	7.4	-0.7	23.3	-8.9	-	-	94.12	116	(2.65)	11 Feb	254	221	-	-	-	-	-	-	-	85	-	-	-
		9 9	76	11.9	4.3	8.1	-	25.0	-10.6	8.3	-	92.27	-	4.40	11 Feb	233	211	41	38	12	2	12	9	74	171	12	2.45	-
		9 9	690	-	-	-	-	-	-15.0	-	-	53.62	-	1.98	11 Feb	235	181	-	-	-	-	-	-	-	-	-	(2.61)	-
		9 9	15	10.5	5.9	8.2	-0.3	20.0	-3.3	-	-	23.53	93	1.06	9 May	189	126	42	9	2	0	0	1	33	-	7	3.27	92
Inverness		21-9	60	10.1	5.6	7.9	-	22.0	-5.0	-	-	20.92	-	.94	16 Aug	182	117	40	10	0	0	0	1	37	-	4	-	-
		21-9	19	10.9	5.9	8.4	-	20.6	-5.7	-	-	45.20	101	.91	29 Sept	236	182	36	14	15	45	3	2	36	103	44	4.08	-
		9 9	15	11.7	5.4	8.5	-	21.1	-5.6	9.4	9.4	98.32	-	2.15	30 Jan	240	204	26	18	3	40	9	1	47	156	52	-	-
		9 9	220	10.6	4.8	7.7	-	21.7	-6.1	-	-	74.00	-	2.27	30 Jan	266	211	35	31	7	67	11	1	53	143	36	3.51	-
		9 9	294	10.2	5.5	7.9	-	20.6	-3.3	-	-	49.68	94	1.10	18 June	242	210	38	13	38	0	8	4	30	99	40	3.44	-
		9 9	48	11.3	4.7	8.0	-0.7	23.9	-6.7	-	-	87.81	108	3.86	11 Feb	230	215	32	19	10	0	6	3	63	173	9	3.16	112.8
		9 9	27	11.7	4.4	8.1	-	23.9	-8.3	8.3	8.5	63.71	-	2.02	30 Jan	224	184	37	15	0	24	9	2	61	124	11	2.99	-
		9 9	70	11.1	4.3	7.7	-0.5	24.4	-7.8	-	-	48.79	-	1.78	11 Feb	233	181	33	26	3	2	4	6	72	-	12	3.10	-
		9 9	350	11.0	2.3	6.7	-	23.9	-11.1	-	-	53.76	115	2.19	11 Feb	222	181	35	51	1	0	3	2	127	209	5	-	-
		9 9	13	11.5	5.1	8.3	-	22.2	-5.0	-	-	25.49	-	1.51	9 May	168	129	17	18	1	0	1	2	56	113	2	3.37	-
		9 9	1000	9.8	2.4	6.1	-	22.8	-15.0	-	-	39.10	-	1.65	15 Jan	223	183	-	-	-	-	-	-	120	-	-	-	-
		9 9	1120	9.5	1.8	5.7	-	23.0	-15.4	-	-	46.32	-	2.06	16 Aug	227	178	-	90	-	-	-	-	143	198	-	(2.73)	-
1 SCOTLAND, E.																												
Nairn		9 9	20	11.1	4.4	7.7	-0.7	23.9	-7.8	-	-	23.34	93	1.18	16 Aug	208	126	22	26	2	0	0	0	67	157	8	3.61	103
Moray		9 9	720	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9 9	155	11.0	4.2	7.6	-	23.9	-8.9	7.9	8.0	23.62	96	1.44	16 Aug	201	125	33	43	10	3	1	0	78	136	1	3.15	-
		21-9	15	11.1	4.5	7.8	-	23.8	-10.7	7.9	-	24.40	-	1.05	16 Aug	200	132	71	26	2	42	2	1	66	138	13	3.17	-

†† District Value Stations. † For rainfall and temperature. ‡ For sunshine. § Sunshine exposure imperfect.



TABLE III (continued)—SUMMARY OF THE RECORDS OF TEMPERATURE, RAINFALL, AND SUNSHINE AND OF WEATHER OBSERVATIONS, YEAR 1962

DISTRICT, COUNTY AND PLACE			Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)				WEATHER Number of days										BRIGHT SUNSHINE	
					Means of		Mean Temperature of A and B	Difference from Average	Highest Maximum and Lowest Minimum		Total Fall	Per-centage of Average			Moist in a day		Precip'n		Snow or Sleet	Snow lying at 9h.	Hail*	Ice or snow pellets etc. †	Thunder heard	Fog at 9h.	Air Frost	Grass min. 0°C or less	Gale	Daily Mean	Percentage of Average	
					A	B			Maximum	Minimum			Amount	Date	01 in.(0.2 mm.) or more	04 in.(1.0 mm.) or more														
					Max.	Min.			°C	°C			°C	°C	°C	°C	°C	°C											in.	%
1 SCOTLAND, E.—cont.																														
Moray —cont.			99	92	11.4	4.8	8.1	—	25.0	—7.8	—	—	29.03	—	1-13	16 Aug	217	158	29	29	1	0	0	0	54	108	3	3.54	—	
Elgin			99	21	11.0	4.3	7.7	—	23.3	—12.8	—	—	25.11	—	-90	12 Jan	180	128	48	21	28	11	1	3	76	134	21	—	—	
Lossiemouth			99	104	11.2	4.2	7.7	-0.8	25.0	—11.1	—	—	30.14	102	-99	16 Aug	213	159	34	37	19	0	3	—	76	—	6	3.19	91	
Banff (Coastguard)			99	80	10.6	4.9	7.7	—	23.9	—7.2	—	—	33.65	—	1-02	12 Jan/2 Aug	243	187	42	17	21	0	1	4	34	—	15	2.97	—	
Aberdeen			99	1113	—	2.1	—	—	—	—16.7	—	—	36.99	101	(1.68)	29 Sept	208	162	—	74	—	—	—	3	140	—	—	—	—	
Braemar			99	927	9.7	1.9	5.8	-0.7	23.3	—15.6	—	—	36.16	109	1.29	29 Sept	238	163	61	84	0	0	1	—	144	190	5	—	—	
Balmoral			99	808	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Logie Coldstone			99	405	—	—	—	—	—	—	—	—	38.86	—	1-57	21 July	249	182	—	—	—	—	—	—	—	—	—	—	—	
Huntly			99	218	10.7	3.6	7.1	—	24.4	—15.0	—	—	37.02	—	1-50	21 July	213	170	—	45	—	—	—	—	88	—	—	—	—	
Fyvie Castle			99	300	10.2	4.1	7.1	-0.6	23.9	—6.1	7.4	7.4	34.28	101	1-23	3 Aug	232	150	47	46	7	17	4	5	64	129	17	3.61	94	
Craibstone			21-9	190	10.4	3.9	7.1	—	24.4	—10.6	—	—	34.94	99	1-28	12 Jan	211	149	55	40	7	29	7	4	84	145	7	3.53	—	
Dyce			99	170	10.5	4.5	7.5	—	23.3	—7.8	—	—	31.67	96	1-14	3 Aug	199	138	36	40	16	5	3	4	67	128	13	3.70	—	
Aberdeen			99	352	—	3.7	—	—	23.3	—8.3	—	—	37.56	—	1-55	21 July	207	160	43	43	3	5	2	13	82	—	8	3.40	—	
Udny			21-9	85	9.7	5.2	7.5	—	20.3	—7.0	—	—	33.54	118	2-07	21 July	241	177	42	8	9	6	2	6	29	—	28	3.46	—	
Kincardine			99	560	10.2	3.7	6.9	—	22.2	—5.6	—	—	34.59	—	1-42	3 Aug	202	149	42	41	1	0	1	35	102	192	23	3.68	—	
Strachan			99	400	10.6	3.0	6.8	—	23.3	—13.9	—	—	40.91	—	2-45	15 Jan	183	142	42	36	7	12	8	26	118	193	10	—	—	
Stonehaven			99	12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Angus			99	210	10.2	4.3	7.3	—	21.1	—6.7	—	—	31.69	—	1-13	3 Aug	196	145	21	31	2	1	1	12	65	160	2	—	—	
Muchalls			99	100	11.4	4.2	7.8	—	25.0	—8.9	7.8	8.1	25.88	—	1-17	3 Sept	170	116	30	20	1	7	4	12	82	170	11	4.09	—	
Dundee (Mynefield)			99	760	10.3	2.9	6.6	—	23.9	—7.8	7.0	7.2	33.54	—	1-19	18 July	207	127	67	45	3	12	6	18	115	190	12	3.89	—	
Auchterhouse			99	147	11.6	4.9	8.3	-0.1	25.6	—5.6	8.5	—	27.47	88	1-28	16 Aug	173	123	26	23	11	0	4	—	61	173	11	3.72	102	
Dundee			99	200	10.8	3.1	6.9	—	26.1	—11.1	—	—	32.57	—	1-04	3 Sept	184	134	35	32	3	0	8	10	109	—	15	—	—	
Glamis Castle			99	750	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Tarfside			99	15	11.1	3.9	7.5	—	23.9	—11.7	—	—	26.22	93	1-68	3 Aug	180	116	18	—	9	0	3	9	86	—	17	—	—	
Buddon Ness			99	29	11.3	4.7	8.0	—	24.4	—6.7	9.0	—	26.49	91	1-92	3 Aug	177	116	25	15	4	7	1	2	68	110	10	4.09	—	
Carnoustie			99	95	11.0	4.8	7.9	-0.4	22.2	—6.1	—	—	22.33	85	1-31	3 Aug	185	117	16	16	8	0	1	8	59	—	5	4.21	103	
Arbroath			99	186	10.8	4.4	7.6	—	24.4	—7.2	—	—	26.61	93	1-53	3 Aug	182	122	31	18	3	0	2	8	75	—	8	—	—	
Perth			99	720	15.3	2.9	6.6	—	23.9	—10.6	—	—	46.14	—	2-20	29 Sept	205	154	54	40	0	5	4	4	114	—	1	—	—	
Loch Rannoch (Dall)			99	425	11.1	3.2	7.1	—	23.3	—11.1	7.8	7.9	73.12	—	3-55	15 Jan	193	177	39	22	0	0	2	0	117	185	17	—	—	
Strathrye			99	230	11.3	3.6	7.5	—	23.9	—10.6	—	—	56.93	—	2-48	11 Feb	193	168	—	23	—	—	—	11	89	—	—	—	—	
Callander			99	427	11.2	4.1	7.7	—	25.6	—6.7	—	—	45.67	—	2-50	15 Jan	198	152	35	16	7	0	3	4	71	153	8	—	—	
Loch Tay (Ardtalnaig)			99	473	10.8	3.2	7.0	—	23.9	—9.4	—	—	32.86	—	1-56	11 Feb	189	136	31	36	0	0	0	6	109	175	0	3.59	—	
Pitlochry			99	310	11.4	3.6	7.5	—	24.4	—8.9	8.0	8.1	32.61	—	1-38	11 Feb	194	130	53	27	1	2	4	7	98	155	0	—	—	
Pitlochry (Faskally)			99	250	11.3	3.8	7.5	—	23.9	—8.3	—	—	41.79	—	2-64	15 Jan	193	140	14	—	0	0	1	8	83	204	4	3.76	—	
Dunning			99	77	11.7	4.2	7.9	-0.7	25.0	—10.6	7.7	—	29.77	97	1-10	7 Dec	185	126	20	14	1	0	4	16	84	145	4	3.77	104	
Perth			99	230	11.3	3.7	7.5	—	25.6	—9.4	7.7	—	27.62	—	-90	7 Dec	162	125	—	—	—	—	—	—	95	180	—	3.69	—	
Fife			99	1100	9.7	1.9	5.8	—	22.8	—11.7	6.3	—	44.04	—	1-64	29 Sept	223	161	80	70	1	10	4	2	150	194	14	—	—	
Blairgowrie			99	130	11.3	4.9	8.1	—	23.9	—6.4	—	—	27.25	—	1-20	26 Aug	172	121	25	13	6	7	4	17	61	115	—	—	—	
Glenshee Lodge			99	425	10.7	3.9	7.3	—	23.3	—7.8	7.8	7.8	33.74	—	1-27	9 Sept	187	133	29	29	0	1	4	39	86	161	14	3.99	—	
Dunfermline (Pitreevie)			99	137	11.3	4.2	7.7	-1.0	24.4	—8.3	—	—	31.33	105	1-33	9 Sept	171	128	—	13	—	—	—	4	78	132	—	3.67	99	
Ballingry			99	82	11.8	—	—	—	24.4	—	8.2	—	27.77	—	1-24	20 July	157	122	21	11	2	0	4	5	—	3	—	—	—	
Kirkcaldy			99	40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Cupar			21-9	35	11.3	4.1	7.7	-0.8	25.3	—8.3	—	—	24.59	92	1-21	3 Aug	178	114	29	12	3	9	3	6	88	131	20	4.33	108	
Lundin Links			99	13	11.3	4.4	7.9	-0.6	24.4	—7.8	8.3	8.5	25.11	89	1-43	3 Aug	172	122	—	7	—	—	—	5	71	143	—	4.04	103	
Leuchars			99	700	—	—	—	—	—	—	—	—	32.27	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
St. Andrews			99	400	—	—	—	—	—	—	—	—	—	—	—	—	—	—												



TABLE III (continued)—SUMMARY OF THE RECORDS OF TEMPERATURE, RAINFALL AND SUNSHINE AND OF WEATHER OBSERVATIONS, YEAR 1962

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS							EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)				WEATHER Number of days										BRIGHT SUNSHINE	
				Means of		Mean Temperature Mean of A and B	Difference from Average	Highest Maximum and Lowest Minimum		1ft.	4ft.	Total Fall	Per-centage of Aver-age	Most in a day		Precip'n	Snow or Sleet	Snow lying at 9h.	Hail*	Ice or snow pellets etc.†	Thunder heard	Fog at 9h.	Air Frost	Grass min. 0°C or less	Gale	Daily Mean	Percentage of Average	
				A Max.	B Min.			Maximum	Minimum					Amount	Date													
		Max. Min.	ft.	° C	° C	° C	° C	° C	° C	° C	° C	in.	%	in.			-0.1 in. (0.2 mm.) or more	-0.4 in. (1.0 mm.) or more									hr.	%
6a SCOTLAND, W.—cont.		G.M.T.	ft.	° C	° C	° C	° C	° C	° C	° C	° C	in.	%	in.														
Ayr—cont. Prestwick Airport		21-9	51	11.6	5.6	8.6	—	22.0	-12.2	—	—	35.58	96	1.12	11 Sept	189	143	35	6	8	18	10	0	51	—	13	—	—
Kilmarnock		9 9	115	11.6	5.0	8.3	-0.6	22.8	-10.6	8.6	—	44.05	—	1.24	26 Aug	186	152	23	10	3	5	4	17	57	140	5	3.72	107
Dumfries Moniaive (Dalmacallan)		9 9	480	10.4	3.5	6.9	—	22.2	-8.9	—	—	60.52	—	2.69	7 Dec	195	161	30	14	0	0	9	20	89	186	6	—	—
Dumfries		9 9	140	11.1	4.4	7.7	-1.0	22.8	-8.9	8.6	8.8	42.38	101	1.62	15 Jan	179	144	19	—	5	2	0	9	74	162	3	3.70	104
Kirkcudbright Eskdalemuir		21-9	794	10.0	2.9	6.5	-0.7	22.7	-12.3	8.1	8.1	62.38	100	2.61	9 Sept	214	173	69	45	14	12	11	13	104	157	9	3.55	109
Bargrennan		9 9	360	11.5	3.5	7.5	—	23.3	-11.7	—	—	62.21	—	1.56	9 Sept	217	168	27	4	12	6	9	2	94	—	0	—	—
Palnure		9 9	50	11.8	3.5	7.7	—	23.3	-12.2	—	—	51.29	—	1.56	3 Aug	191	151	14	3	0	0	4	2	94	—	3	—	—
Glenlee		9 9	181	11.8	3.5	7.7	—	23.3	-11.1	—	—	68.97	—	2.82	15 Jan	205	165	29	7	9	1	4	8	93	162	3	—	—
Carsphairn (Dundeugh)		9 9	390	11.1	2.7	6.9	—	23.3	-12.2	7.9	—	64.38	—	2.29	11 Feb	190	157	17	15	0	0	3	8	113	—	6	—	—
Glenloch Barrage		9 9	154	11.5	4.2	7.9	—	22.8	-9.4	—	—	50.33	—	2.20	9 Sept	200	154	—	2	—	—	—	—	94	—	—	—	—
Threave		9 9	240	11.2	4.1	7.7	—	23.3	-9.4	—	—	49.43	—	1.84	7 Dec	164	140	22	5	9	0	1	13	85	—	5	—	—
Wigtown Castle Douglas		9 9	196	11.1	3.7	7.4	—	23.9	-10.6	8.2	—	45.61	—	1.73	15 Jan	173	143	4	7	0	1	0	7	91	175	6	3.69	—
Stranraer (Penwhirn)		9 9	546	10.2	3.9	7.1	—	21.7	-8.3	—	—	58.95	—	1.47	19 Dec	206	167	32	9	13	1	9	31	80	157	26	3.89	—
Mull of Galloway		21-9	257	10.9	6.6	8.7	—	18.7	-2.1	—	—	29.27	—	1.36	11 Sept	177	131	15	2	3	4	5	15	21	—	60	—	—
6b ISLE OF MAN																												
Isle of Man Ronaldsway		21-9	55	11.2	6.5	8.9	—	19.2	-6.6	—	—	29.04	85	-81	29Oct/16Nov	172	133	24	5	3	16	5	9	34	59	49	4.32	—
Douglas		9 9	284	11.2	6.2	8.7	-0.6	21.1	-4.4	—	—	38.53	85	1.66	16 Nov	180	140	12	4	2	1	1	16	33	70	11	4.31	101
Point of Ayre		21-9	30	12.1	6.7	9.4	—	21.4	-6.0	—	—	29.31	95	1.14	16 Nov	167	126	6	0	0	2	0	4	13	—	26	4.40	—
2 ENGLAND, N.E.																												
Northumberland Kielder Castle		9 9	660	10.4	2.2	6.3	—	22.2	-15.0	—	—	53.01	110	1.80	2 Apr	222	161	47	43	3	0	5	8	131	206	4	—	—
Bellingham		9 9	849	10.1	2.7	6.4	-0.9	23.3	-11.1	—	—	34.02	86	1.40	10 July	225	149	—	39	—	—	—	9	128	—	—	—	—
Haydon Bridge		9 9	270	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Berwick-on-Tweed		9 9	76	10.9	4.7	7.8	-0.7	23.3	-11.7	—	—	24.95	107	2.36	4 Sept	195	123	28	13	4	18	5	2	58	130	16	4.08	104
Ponteland		9 9	220	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cockle Park		9 9	326	10.9	4.1	7.5	-0.7	23.9	-8.3	7.8	—	25.54	89	1.68	11 Sept	181	119	29	31	0	4	3	6	72	143	14	3.87	103
Durham Acklington		21-9	138	10.9	4.3	7.6	—	24.3	-10.3	—	—	23.13	—	1.58	11 Sept	177	113	39	25	23	4	7	4	81	128	26	—	—
Tynemouth		21-9	95	10.5	5.9	8.2	-1.0	23.0	-6.2	—	—	22.60	85	1.52	11 Sept	168	115	33	18	19	0	8	12	47	104	32	3.65	—
Chopwellwood		9 9	446	11.3	3.9	7.6	-0.7	25.0	-7.8	—	—	24.61	85	1.40	11 Sept	185	120	28	38	0	2	3	7	84	169	5	—	—
Ushaw College		9 9	594	10.9	—	—	—	23.9	-7.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Houghall		9 9	123	11.9	3.1	7.5	-1.2	25.0	-14.4	—	—	22.60	81	1.22	10 July	191	125	30	21	0	6	1	15	97	151	3	3.67	105
Durham		9 9	336	11.6	4.0	7.8	-0.8	25.0	-9.4	8.3	8.5	22.61	86	1.33	10 July	185	120	—	39	—	—	—	—	77	146	—	3.86	106
Gateshead		9 9	509	10.8	4.9	7.9	—	23.9	-7.2	—	—	22.68	—	1.32	11 Sept	174	117	—	19	—	—	—	—	13	63	—	3.67	—
Middleton St. George		21-9	115	11.6	4.6	8.1	—	25.7	-14.2	—	—	17.11	—	1.04	10 July	155	100	35	26	4	9	7	15	70	127	6	3.65	—
Yorks., N. Riding West Hartlepool		9 9	30	11.7	5.4	8.5	—	23.3	-8.3	—	—	20.24	—	1.64	10 July	166	107	27	25	7	1	5	20	55	87	10	3.60	—
Dishforth		21-9	105	11.8	4.9	8.3	—	25.8	-9.6	—	—	18.79	75	—	17 Nov	156	98	38	19	3	7	7	23	72	111	6	3.87	—
York Ampleforth		9 9	57	12.2	5.1	8.7	-0.9	25.6	-8.3	8.7	9.1	20.19	82	1.31	6 Aug	171	110	25	20	4	2	6	23	71	—	5	3.99	100
Redcar		9 9	313	11.2	4.3	7.7	-1.1	24.4	-8.3	—	—	24.06	80	1.21	10 July	179	119	—	—	—	—	—	14	77	145	—	—	—
Whitby		9 9	25	12.0	5.2	8.6	—	23.9	-8.3	—	—	19.21	80	1.35	10 July	196	109	—	19	—	—	—	—	10	59	—	3.61	—
Scarborough		9 9	135	11.6	5.2	8.4	—	23.3	-8.3	—	—	20.83	79	1.19	10 July	180	133	29	14	2	3	4	10	59	—	6	3.81	—
Yorks., E. Riding Silpho Moor		9 9	118	11.8	5.8	8.8	-1.0	24.4	-5.0	—	—	23.38	91	1.14	10 July	184	130	28	16	5	0	3	13	44	74	12	3.93	103
Fylingdales Moor		9 9	665	10.4	3.8	7.1	—	22.8	-7.2	7.3	—	31.02	—	1.69	17 Nov	222	155	25	38	6	2	3	42	90	149	4	—	—
High Mowthorpe		9 9	805	—	—	—	—	22.8	-7.8	—	—	34.39	—	1.61	17 Nov	206	148	—	—	—	—	—	—	—	—	—	—	—
York E. Riding High Mowthorpe		9 9	574	10.5	3.8	7.2	—	22.2	-7.2	—	—	24.35	—	—	29 Sept	189	122	33	33	5	3	1	28	94	161	15	3.86	—
Hull		9 9	8	12.3	5.3	8.8	—	25.6	-7.8	8.8	8.8	21.01	83	1.21	6 Aug	155	110	19	14	0	0	8	9	61	112	8	3.69	101
Leconfield		21-9	24	11.8	4.9	8.3	—	23.9	-11.4	—	—	20.88	—	1.08	6 Aug</													



TABLE III (continued)—SUMMARY OF THE RECORDS OF TEMPERATURE, RAINFALL AND SUNSHINE AND OF WEATHER OBSERVATIONS, YEAR 1962

DISTRICT, COUNTY AND PLACE			Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE	RAINFALL (Terminal hour 9 G.M.T.)				WEATHER Number of days										BRIGHT SUNSHINE		
					Means of		Mean Temperature Mean of A and B	Difference from Average	Highest Maximum and Lowest Minimum		1ft.	4ft.		Total Fall	Per- cent- age of Aver- age	Most in a day		Precip'n		Snow or Sleet	Snow lying at 9h.	Hail*	Ice or snow pellets etc.†	Thunder heard	Fog at 9h.	Air Frost	Grass min. 0°C or less	Gale	Daily Mean	Percentage of Average
					A Max.	B Min.			Amount	Date						0.1 in. (0.2 mm.) or more	0.4 in. (1.0 mm.) or more													
4 MIDLAND COUNTIES— contd.			G.M.T.	ft.	° C	° C	° C	° C	° C	° C	° C	° C	in.	%	in.											hr.	%			
Yorks., W. Riding— contd.	Sheffield	9 9	429	11.8	5.3	8.5	-1.1	25.0	-8.3	-	-	-	27.07	88	1.22	6 Aug	171	124	38	21	0	0	4	-	56	-	3	3.41	99	
	Wakefield	9 9	121	12.4	4.9	8.7	-0.9	26.7	-10.0	-	-	8.8	17.25	65	1.27	6 Aug	136	102	22	14	1	3	9	41	70	145	9	-	-	
Derby	Pontefract	9 9	255	11.7	5.0	8.3	-	24.4	-9.4	-	-	-	16.55	69	1.25	6 Aug	168	87	29	19	0	3	6	67	66	89	3	-	-	
	Bramham	9 9	177	11.7	4.1	7.9	-	23.3	-8.9	-	-	-	19.58	-	1.25	6 Aug	169	109	20	17	1	2	7	24	85	-	2	3.71	-	
	Cawood	9 9	20	12.0	4.1	8.1	-	25.0	-10.0	-	8.5	8.9	16.61	67	1.29	6 Aug	124	97	14	18	0	1	2	21	84	122	6	3.66	-	
	Askham Bryan	9 9	110	12.2	4.4	8.3	-	25.0	-11.1	-	-	-	18.24	70	1.30	6 Aug	142	104	-	17	-	-	2	21	81	82	137	3	3.57	-
	Buxton	9 9	1007	9.7	3.8	6.8	-0.9	21.7	-10.0	-	7.5	7.9	49.55	102	1.47	23 Aug	210	158	26	33	3	2	6	61	94	124	2	-	-	
	Chapel en le Frith	9 9	732	10.9	3.6	7.3	-	23.3	-12.2	-	-	-	40.86	-	1.33	6 Aug	188	147	33	23	5	3	10	22	89	174	7	-	-	
	Mackworth	9 9	293	11.8	4.2	8.0	-	24.4	-10.0	-	-	-	20.89	-	1.80	6 Aug	160	108	25	17	1	4	6	29	76	142	3	-	-	
	Belper	9 9	203	12.3	4.2	8.3	-1.0	23.3	-7.8	-	-	-	22.81	79	1.83	6 Aug	151	108	17	18	0	0	4	-	79	-	0	-	-	
	Derby	9 9	159	12.5	4.9	8.7	-	25.0	-11.7	-	-	-	18.83	-	1.84	6 Aug	175	96	13	15	0	0	1	40	68	-	3	3.50	-	
	Morley	9 9	350	11.7	4.3	8.0	-	24.4	-7.2	-	-	-	22.03	-	1.80	6 Aug	171	111	25	13	0	0	3	-	79	150	3	3.49	-	
Nottingham	Chesterfield	9 9	298	12.2	4.1	8.1	-	25.6	-10.6	-	-	-	22.62	-	1.21	6 Aug	148	111	25	16	0	0	1	81	85	-	3	-	-	
	Sutton Bonington	9 9	157	-	4.2	-	-	24.4	-13.3	8.7	9.1	-	18.15	79	1.06	6 Aug/4 Sept	153	96	17	18	11	1	7	29	81	163	7	3.33	90	
Leicester	Watnall	21-9	385	11.8	4.7	8.3	-	25.0	-7.9	-	-	-	22.41	82	1.18	6 Aug	163	106	37	18	2	13	7	46	67	146	3	3.53	-	
	Mansfield	9 9	362	11.6	4.9	8.3	-0.9	24.4	-8.9	8.6	-	-	24.89	91	1.31	6 Aug	177	117	22	23	1	2	0	48	67	118	0	-	-	
	Nottingham	9 9	192	12.5	5.1	8.8	-	25.0	-8.9	8.5	8.8	-	18.44	76	1.04	6 Aug	142	93	21	20	0	0	2	43	59	100	1	3.27	93	
	Warsop (Gleadthorpe)	9 9	150	12.1	3.6	7.9	-	25.0	-12.2	-	-	-	18.35	79	1.04	6 Aug	176	95	24	14	0	4	2	43	90	182	3	3.63	-	
	Finningley	21-9	34	12.3	5.2	8.7	-	25.5	-7.9	-	-	-	17.02	-	1.03	6 Aug	145	94	31	14	1	11	9	33	62	110	8	3.74	-	
	Newtown Linford	9 9	392	11.9	3.8	7.9	-	24.4	-10.6	-	-	-	21.88	-	1.55	6 Aug	169	116	25	22	3	4	11	28	85	152	0	3.89	-	
	Caldecott	9 9	175	12.7	3.2	7.9	-	25.6	-13.9	-	-	-	17.44	-	1.68	14 Aug	128	84	-	10	-	-	20	109	166	-	3.74	-		
	Raunds	9 9	193	-	-	-	-	-	-12.8	-	-	-	18.63	82	1.74	6 Aug	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Wittering	21-9	212	12.0	4.9	8.5	-	24.9	-9.1	-	-	-	18.14	-	1.85	6 Aug	152	98	40	11	1	17	13	23	69	122	8	4.19	-	
	Warwick	Birmingham K.E.S.	9 9	450	11.8	5.2	8.5	-	23.9	-7.8	-	-	21.38	-	1.36	6 Aug	169	121	37	21	0	3	5	20	66	-	0	-	-	
Shropshire	Birmingham	21-9	536	11.5	5.7	8.6	-0.9	24.7	-6.2	8.3	9.0	-	26.93	88	1.78	6 Aug	178	120	34	27	5	1	12	34	58	99	3	3.60	101	
	Luddington	9 9	138	12.7	4.3	8.5	-	25.6	-13.9	-	-	-	19.23	81	1.74	6 Aug	163	105	23	14	1	5	12	21	84	137	4	3.89	-	
	Stratford on Avon	9 9	160	12.3	3.9	8.1	-	26.1	-14.4	9.8	-	-	20.10	-	1.60	6 Aug	152	110	29	15	1	9	14	21	95	164	9	4.08	-	
	Birmingham Airport*	21-9	319	11.9	4.5	8.2	-	24.2	-16.0	-	-	-	24.31	91	1.42	6 Aug	167	112	37	23	1	8	12	31	80	118	6	3.87	-	
	Shipston on Stour	9 9	365	12.1	4.0	8.1	-	25.0	-14.4	9.1	-	-	22.69	-	2.57	6 Aug	171	96	28	17	3	4	11	29	89	156	-	4.07	-	
	Wellesbourne	9 9	153	12.5	4.0	8.3	-	26.1	-16.1	9.1	9.5	-	18.15	72	1.42	6 Aug	147	100	-	13	-	-	-	27	93	148	-	3.84	-	
	Moreton Morrell	9 9	280	12.3	4.5	8.4	-	26.1	-12.2	-	-	-	19.72	-	1.37	6 Aug	169	96	24	18	4	0	7	28	81	155	26	3.83	-	
	Coventry	9 9	338	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Rugby	9 9	385	12.0	4.8	8.4	-	24.4	-12.2	-	-	-	20.02	-	1.17	6 Aug	169	104	-	21	-	-	-	-	77	123	-	-	-	
	Oxford	Oxford	9 9	208	12.7	5.3	9.0	-1.1	25.0	-10.0	9.7	10.1	-	24.86	97	2.11	6 Aug	157	105	23	16	2	5	11	28	67	137	1	4.16	102
Buckingham	Aylesbury	9 9	316	12.4	4.5	8.5	-	25.0	-11.7	-	-	-	22.38	-	1.46	6 Aug	134	107	34	13	11	2	12	33	84	163	4	4.08	-	
Stafford	Keele	9 9	587	11.1	4.5	7.8	-	23.3	-10.6	8.2	8.6	-	28.03	89	1.40	6 Aug	185	128	34	28	2	10	13	26	73	120	0	3.56	-	
Worcester	Oaken	9 9	409	12.0	3.9	8.0	-0.9	25.0	-8.9	8.4	-	-	25.28	-	2.08	6 Aug	157	117	-	-	-	-	-	-	86	181	-	-	-	
	Stone	9 9	350	11.6	3.9	7.7	-	23.9	-13.3	-	-	-	24.87	-	1.72	6 Aug	171	122	17	23	1	3	6	30	76	176	2	3.45	-	
	Penkridge	9 9	330	-	3.9	-	-	-	-11.7	-	-	-	22.31	-	1.68	6 Aug	159	105	9	11	0	2	2	21	86	164	6	-	-	
	Onecote	9 9	1350	8.9	3.0	5.9	-	21.1	-8.3	6.5	7.1	-	10.47	-	1.38	10 July	151	150	19	34	2	0	8	63	122	-	1	3.06	-	
	Oswestry	9 9	570	11.4	4.6	8.0	-	23.3	-11.1	-	-	-	30.23	-	1.85	10 Mar	172	145	26	19	8	0	3	12	66	139	0	3.67	-	
	Church Stretton	-	582	-	-	-	-	-	-	-	-	-	33.27	94	1.40	6 Aug	196	153	-	-	-	-	-	-	-	-	-	-	-	
	Shrewsbury	9 9	184	12.4	5.0	8.7	-	25.0	-12.8	10.0	10.9	-	23.46	91	1.99	14 Aug	188	117	25	20	10	16	7	27	66	126	16	3.62	-	
	Shawbury	21-9	235	11.9	4.5	8.2	-	23.9	-14.6	-	-	-	23.44	90	1.98	6 Aug	168	112	30	21	13	8	6	21	81	146	5	3.89	-	
	Newport	9 9	211	12.0	4.0	8.0	-	24.4	-12.2	-	-	-	22.61	87	1.48	6 Aug	169	116	31	23	13	3	12	10	82	170	13	3.40	-	



TABLE III (continued)—SUMMARY OF THE RECORDS OF TEMPERATURE, RAINFALL AND SUNSHINE AND OF WEATHER OBSERVATIONS, YEAR 1962

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS							EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)				WEATHER Number of days										BRIGHT SUNSHINE	
				Means of		Mean Temperature of A and B	Difference from Average	Highest Maximum and Lowest Minimum		Most in a day			Precip'n		Snow or Sleet	Snow lying at 9h.	Hail*	Ice or snow pellets etc.†	Thunder heard	Fog at 9h.	Air Frost	Grass min. 0°C or less	Gale	Daily Mean	Percentage of Average			
				A	B			Maximum	Minimum	Amount	Date	-01 in. (0.2 mm.) or more	-04 in. (1.0 mm.) or more															
				Max.	Min.			Max.	Min.	1ft.	4ft.	Total Fall	Per-centage of Average															
G.M.T.		ft.	°C	°C	°C	°C	°C	°C	°C	°C	in.	%	in.										hr.	%				
5 ENGLAND, S.E.—contd.																												
Kent — contd.																												
	Ramsgate	9 9	80	12.3	7.1	9.7	—	22.2	—5.0	—	—	19.37	84	1.51	6 Aug	135	87	20	9	7	2	1	11	15	34	—	4.63	99
	Margate	9 9	51	12.1	7.2	9.7	—1.0	25.0	—5.0	10.3	10.0	17.24	81	1.17	6 Aug	128	79	8	7	2	3	11	14	33	64	10	4.62	95 S
Sussex	Thorney Island	21-9	10	13.0	6.0	9.5	—	25.0	—9.2	—	—	31.40	117	1.44	6 Aug	134	105	19	9	0	5	6	5	56	98	5	4.75	—
	Bognor Regis	9 9	24	12.2	6.5	9.3	—1.1	23.3	—6.7	—	11.2	23.37	81	.96	25 Oct	135	107	11	8	0	2	6	4	43	83	9	4.93	101
	Littlehampton	9 9	15	—	5.8	—	—	24.4	—7.8	—	10.7	25.61	91	1.04	25 Oct	142	105	10	5	0	0	5	6	62	—	3	4.94	101
	Rustington	9 9	10	12.6	5.3	8.9	—	23.9	—11.7	—	9.9	25.52	—	.98	25 Oct	146	106	—	9	—	—	—	—	70	122	—	4.47	—
	Worthing	9 9	25	12.6	6.6	9.6	—1.0	22.8	—7.8	10.1	10.7	25.86	94	1.12	20 July	143	104	17	9	6	1	7	1	44	112	7	4.92	97
	Brighton	9 9	32	12.6	6.9	9.7	—	25.0	—6.1	—	—	24.32	90	1.04	25 Oct	127	100	15	7	2	0	6	18	40	94	10	4.67	—
	East Grinstead	9 9	400	12.9	4.1	8.5	—	23.9	—11.1	—	—	28.68	—	1.30	25 July	135	114	22	16	0	0	7	7	97	—	10	—	—
	Seaford	9 9	45	12.2	6.0	9.1	—	23.9	—7.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	14	66	—	4.66	—
	Eastbourne	9 9	23	12.2	6.8	9.5	—1.1	21.7	—6.1	10.9	11.8	27.71	90	1.56	6 Aug	158	117	15	—	1	0	8	4	43	79	22	5.08	101
	Eastbourne (C/guard)	21-9	17	12.5	6.4	9.5	—	22.0	—6.5	—	—	26.71	—	1.55	6 Aug	154	112	15	10	2	0	5	7	54	89	18	—	—
Berkshire	Bexhill	9 9	12	12.1	6.4	9.3	—1.0	22.8	—8.3	10.8	—	26.71	95	1.94	6 Aug	142	114	18	12	0	0	5	15	52	100	6	4.67	—
	Sedlescombe	9 9	188	12.5	4.7	8.6	—	23.3	—8.3	—	—	30.18	—	1.60	6 Aug	172	119	23	17	4	0	8	6	80	142	11	—	—
	Bodiam	9 9	73	12.9	4.4	8.7	—	23.9	—11.7	9.9	10.2	27.55	—	1.15	6 Aug	143	109	—	14	—	—	—	15	91	157	—	4.57	—
	Hastings	9 9	149	12.1	6.6	9.3	—1.1	23.9	—5.6	10.4	11.1	26.80	94	2.44	6 Aug	159	108	25	11	0	5	11	13	44	94	5	4.72	97
	Letcombe Regis	9 9	350	12.5	4.2	8.3	—	24.4	—11.7	—	—	25.70	—	3.04	6 Aug	150	108	17	12	0	2	5	21	79	—	8	—	—
	Abingdon	21-9	210	12.9	5.1	9.0	—	25.9	—14.2	—	—	20.87	87	1.90	6 Aug	137	94	32	19	6	7	10	27	127	2	4.18	—	
	Compton	9 9	339	12.3	3.7	8.0	—	23.9	—13.3	—	—	25.47	—	2.15	6 Aug	149	114	20	15	0	3	7	31	95	178	0	3.89	—
	Woolhampton	9 9	370	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Wallingford	9 9	157	12.8	4.0	8.4	—	25.0	—17.2	9.1	10.0	21.53	—	3.22	6 Aug	142	98	23	12	3	2	12	—	91	161	0	3.88	—
	Shinfield	9 9	200	12.7	4.6	8.7	—1.2	25.0	—12.2	—	—	23.23	—	1.24	6 Aug	161	104	24	16	6	0	14	26	73	145	23	4.04	—
Hampshire	Reading	9 9	148	13.1	5.4	9.3	—1.0	25.6	—10.0	10.1	10.3	22.44	87	1.40	6 Aug	159	96	24	13	1	13	15	23	61	152	8	3.88	—
	Reading S.T.G.	9 9	141	12.8	4.8	8.8	—	25.0	—13.3	—	—	22.85	94	1.29	6 Aug	148	101	—	17	—	—	—	20	75	141	—	3.91	—
	Finchampstead	9 9	212	12.7	4.0	8.3	—	26.0	—11.7	9.5	—	22.71	—	1.12	6 Aug	155	112	20	15	0	4	11	26	90	160	0	3.90	—
	Wokingham	9 9	200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Hurley	9 9	140	12.8	4.5	8.7	—	25.0	—14.4	9.4	—	23.87	—	1.90	26 July	150	103	19	15	3	1	7	19	77	122	4	3.93	—
	Bournemouth	9 9	130	12.6	5.8	9.2	—1.3	23.3	—7.2	9.8	10.3	27.25	87	1.17	29 Sept	152	105	16	11	3	1	9	14	60	96	7	4.77	102
	Christchurch	9 9	9	13.0	5.2	9.1	—	24.4	—8.3	—	—	25.48	—	1.13	29 Sept	125	105	10	10	1	1	6	9	73	139	3	—	—
	Ringwood	9 9	250	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Everton (Efford)	9 9	51	12.7	5.7	9.2	—	23.3	—8.3	—	—	25.68	—	1.11	29 Sept	141	104	11	9	1	3	9	13	62	101	3	4.76	—
	Southampton	9 9	65	13.9	6.0	9.9	—0.7	25.0	—7.2	10.6	11.1	28.00	88	1.43	29 Sept	147	113	20	9	2	3	8	24	56	114	3	4.31	96
Wiltshire	Leckford	9 9	385	12.5	4.3	8.4	—	23.9	—10.6	9.1	—	27.13	86	1.17	23 Nov	153	110	—	14	—	—	—	—	78	—	—	4.21	—
	Winchester	9 9	122	13.2	4.3	8.7	—	25.6	—9.4	—	9.4	30.38	95	1.41	29 Sept	150	108	20	12	2	1	12	—	87	117	3	4.25	S
	Martyn Worthy	9 9	275	12.7	4.0	8.3	—	25.0	—12.8	—	—	27.45	—	1.32	29 Sept	151	110	12	13	2	0	10	8	84	141	6	4.44	—
	Southsea	9 9	7	12.8	7.1	9.9	—1.2	23.9	—5.0	10.9	11.2	24.65	89	1.64	6 Aug	134	106	13	9	1	1	6	3	37	90	17	4.88	100
	Hayling Island	9 9	13	12.5	6.5	9.5	—	23.9	—6.7	—	—	25.06	—	1.87	6 Aug	139	103	12	10	2	2	8	1	50	—	8	—	—
	Long Sutton	9 9	512	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Alice Holt Lodge	9 9	378	12.3	4.4	8.3	—	24.4	—10.0	—	—	28.15	90	1.65	6 Aug	144	116	17	19	3	2	10	17	77	156	3	4.04	—
	S. Farnborough	12-9	226	12.8	4.9	8.9	—1.1	24.7	—13.0	—	—	23.48	87	1.50	6 Aug	157	104	28	16	7	1	2	24	76	117	3	3.94	91
	St. Catherine's Pt.	9 9	51	12.2	7.3	9.7	—0.6	21.0	—4.0	—	—	25.30	86	1.61	6 Aug	146	106	17	—	2	0	4	9	34	—	33	—	—
	Ventnor Park	9 9	443	12.4	6.8	9.6	—	23.3	—5.6	10.7	10.8	26.50	82	1.20	6 Aug	153	115	11	6	0	0	3	7	35	69	1	4.75	—
I. of Wight	Shanklin	9 9	180	12.2	6.4	9.3	—	21.1	—5.6	—	—	28.73	—	1.53	6 Aug	140	107	22	6	1	4	4	24	47	—	10	5.28	—
	Sandown	9 9	13	13.2	6.9	10.1	—0.7	23.3	—6.1	—	—	24.58	81	1.42	6 Aug	139	103	12	8	2	1	4	4	36	—	—	5.05	100
	Ryde	9 9	15	12.9	7.1	10.0	—0.9	23.3	—4.4	—	—	26.73	89	1.40	6 Aug	144	105	—	8	—	—	—	3	37	—	—	4.77	98
	Lacock (Lackham)	9 9	160																									



TABLE III (continued)—SUMMARY OF THE RECORDS OF TEMPERATURE, RAINFALL AND SUNSHINE AND OF WEATHER OBSERVATIONS, YEAR 1962

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)				WEATHER Number of days						BRIGHT SUNSHINE				
				Means of		Mean Temperature Mean of A and B	Difference from Average	Highest Maximum and Lowest Minimum		Total Fall	Per-centage of Average			Most in a day		Precip'n		Snow or Sleet	Snow lying at 9h.	Hail*	Ice or snow pellets etc.†	Thunder heard	Fog at 9h.	Air Frost	Grass min. 0°C or less	Gale	Daily Mean	Percentage of Average
				A Max.	B Min.			Maximum	Minimum			1ft.	4ft.	Amount	Date	-0.1 in. (-0.2 mm.) or more	-0.4 in. (-1.0 mm.) or more											
7b NORTH WALES —cont.		G.M.T.	ft.	°C	°C	°C	°C	°C	°C	°C	°C	In.	%	In.											hr.	%		
Merioneth	Llyn Stwlau	9 9	1656	—	—	—	—	17.8	—	—	—	107.11	—	4.11	23 Aug	223	191	—	—	—	—	—	—	—	—	—	—	
	Trawsfynydd	9 9	611	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	Blaenau Ffestiniog	9 9	750	11.1	5.3	8.2	—	22.8	—6.7	—	—	(96.49)	—	3.82	23 Aug	(213)	(186)	30	24	1	4	1	23	51	—	—		
	Corwen	9 9	473	11.7	2.9	7.3	—	22.8	—21.1	—	—	40.12	—	1.66	15 Jan	208	161	28	23	7	1	2	—	99	(171)	9	1 2.80	
	Ceunws	9 9	200	12.4	4.4	8.4	—	23.9	—13.2	—	—	86.32	—	3.31	2 Apr	206	174	—	—	—	—	3	77	—	—	—		
	Lake Vyrnwy	9 9	995	10.1	3.8	6.9	—	22.8	—9.4	7.8	—	—	59.78	92	2.30	2 Apr	217	174	36	41	2	11	4	17	81	149	8	—
8a SOUTH WALES																												
Cardigan	Aberystwyth	21-9	378	11.3	6.6	8.9	—	22.2	—8.8	—	—	31.94	78	1.29	11 Sept	186	134	23	9	5	24	11	12	34	76	34	4.10	—
	Aberystwyth	9 9	12	12.3	—	—	—	23.3	—7.8	—	—	32.91	—	1.30	11 Sept	179	138	—	5	—	—	—	—	4	—	—	4.20	103
	" P.B.S.*	9 9	452	11.6	5.8	8.7	—	23.9	—6.7	—	—	35.34	—	1.36	11 Sept	207	140	11	4	1	6	5	10	47	99	4	3.87	98
Pembroke	Gogerddan	9 9	103	12.3	5.1	8.7	—	23.9	—12.2	—	—	33.53	83	1.39	11 Sept	209	155	16	5	0	7	6	3	60	120	2	3.88	—
	Swyddffynnon	9 9	540	11.5	4.3	7.9	—	22.8	—16.7	—	—	49.08	—	1.80	23 Aug	213	160	—	11	—	—	—	3	67	138	—	3.84	—
	Trawscoed	9 9	200	12.3	4.7	8.5	—	22.8	—13.9	8.1	—	(41.20)	87	1.31	11 Sept	(117)	(154)	—	12	—	—	—	7	71	—	4.04	—	
	Llety-evan-hen	9 9	950	10.4	4.9	7.7	—	21.7	—7.2	—	—	50.87	—	1.96	11 Sept	203	184	16	9	0	8	5	24	61	124	3	3.48	—
	Cwmystwyth	9 9	989	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Dale Fort	9 9	109	12.3	7.4	9.9	—	21.1	—7.2	10.5	—	(26.26)	—	1.30	14 Aug	(173)	(121)	12	9	11	0	6	10	26	61	20	5.00	—
	Brawdy	9 9	360	11.2	6.0	8.6	—	21.1	—7.2	—	—	(40.32)	—	1.25	12 Dec	183	137	24	14	13	8	5	27	44	70	16	—	—
	Milford Haven	9 9	179	12.2	6.4	9.3	—	21.7	—6.7	—	—	32.99	—	1.16	11 Sept	181	133	11	7	11	3	6	17	41	—	11	4.55	—
	Haverfordwest	9 9	131	12.4	6.1	9.3	—0.5	—	22.2	—12.2	—	—	41.64	90	1.39	11 Sept	194	148	11	14	3	2	7	7	44	—	—	—
	Llandrindod Wells	9 9	772	11.6	3.6	7.6	—1.1	—	24.4	—16.7	8.9	—	36.54	90	1.25	11 Sept	182	149	17	22	1	0	3	5	90	—	2	3.43
Monmouth	Liwynon	9 9	860	11.2	3.8	7.5	—	23.3	—9.4	—	—	62.45	—	3.01	11/29 Sept	214	176	15	13	0	0	2	13	91	—	1	—	—
	Mumbles Head	21-9	117	11.9	7.3	9.6	—	24.0	—4.6	—	—	—	—	—	—	16	1	9	2	—	—	8	10	27	66	53	—	—
	Swansea	9 9	27	12.9	7.0	9.9	—0.9	25.0	—5.6	10.8	11.7	39.62	92	1.89	11 Sept	188	145	8	4	1	0	7	5	31	—	3	4.62	112
	Port Talbot	9 9	24	13.1	6.6	9.9	—	25.6	—7.2	—	—	36.14	—	1.72	11 Sept	182	138	8	3	1	1	2	4	44	70	—	4.26	—
	Neath	9 9	202	12.5	6.5	9.5	—	24.4	—6.7	—	—	42.00	—	1.97	11 Sept	188	142	16	7	7	3	6	5	42	76	6	—	—
	Rhoose	21-9	220	12.1	5.8	8.9	—	25.7	—8.7	—	—	27.23	77	1.27	28 Mar	166	120	26	9	13	2	7	19	60	84	32	4.43	—
	Cardiff	9 9	202	12.6	5.9	9.3	—0.8	23.9	—6.1	10.3	10.5	(35.27)	84	1.48	14 Aug	(188)	(138)	13	—	3	1	5	13	54	104	—	4.40	—
	Tredegar	9 9	1028	(10.8)	(4.1)	(7.5)	—	24.4	—8.9	—	—	58.32	—	2.53	29 Sept	(196)	(164)	32	24	0	7	4	46	36	157	15	3.78	—
	Newport	9 9	75	12.7	5.7	9.2	—	25.6	—6.7	—	—	32.15	80	1.45	14 Aug	170	133	17	11	4	0	5	18	55	110	0	4.19	—
	Usk	9 9	70	12.9	4.4	8.7	—	24.4	—11.7	9.9	—	34.13	86	2.22	14 Aug	173	132	18	15	1	0	3	12	82	—	3	(3.82)	—
	Crumball Plantation	9 9	804	11.4	4.5	7.9	—	24.4	—7.8	8.8	9.2	33.72	—	2.13	29 Sept	179	128	31	18	0	5	4	49	78	121	12	—	—
8b ENGLAND, S.W.																												
Somerset	Hawridge (Liscombe)	9 9	1030	(10.5)	(4.5)	(7.5)	—	21.7	—7.8	—	—	(53.54)	—	1.68	6 Aug	(227)	(172)	—	13	—	—	—	20	(71)	(124)	—	—	—
	Cannington	9 9	95	13.0	5.9	9.5	—	27.2	—6.7	10.4	—	25.10	84	1.82	6 Aug	159	117	—	—	—	—	—	15	57	112	—	4.46	—
	Weston & Mare	9 9	28	12.9	6.4	9.7	—	25.6	—6.7	—	—	25.23	78	1.51	6 Aug	160	116	8	6	4	1	7	29	48	—	17	4.36	104
	Long Ashton	9 9	162	12.8	5.4	9.1	—1.0	25.6	—11.1	10.3	—	27.95	77	1.90	6 Aug	166	108	26	9	4	4	14	17	61	142	2	4.45	106
Dorset	Bath (City)	9 9	388	12.4	5.2	8.8	—	25.6	—8.3	—	—	27.24	—	2.98	6 Aug	147	105	14	11	1	0	6	18	71	—	5	—	—
	Boys' School	9 9	67	13.1	5.4	9.3	—1.0	26.1	—11.7	10.2	10.4	27.85	90	2.87	6 Aug	169	108	20	8	6	3	9	16	72	130	4	4.22	102 S
	Portland Bill	21-9	35	12.0	8.2	10.1	—0.7	21.0	—3.0	—	—	22.24	84	—98	1 Nov	129	96	15	2	0	1	5	3	21	—	49	—	—
	Weymouth	9 9	16	13.3	6.9	10.1	—0.8	23.9	—5.6	—	—	27.35	91	1.39	21 Jan	141	105	—	7	—	—	—	8	39	—	—	5.03	105
	Shaftesbury	9 9	680	11.4	4.2	7.8	—1.5	23.9	—8.3	—	—	29.08	89	1.62	6 Aug	(154)	(128)	—	13	—	—	—	32	85	—	—	—	—
	Swanage	9 9	37	13.0	6.5	9.7	—	22.8	—5.6	11.6	—	27.10	—	1.05	16 Aug	145	107	12	—	1	1	4	12	38	57	32	4.80	—
	Poole	9 9	18	—	—	—	—	26.1	—8.9	—	—	36.34	—	1.02	29 Sept	(151)	(107)	—	—	—	—	—	—	—	—	—	—	—
	Clawton	9 9	412	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Hartland Pt.	21-9	298	11.4	7.8	9.6	—	21.5	—3.7	—	—	26.90	—	—74	6 Aug	175	136	18	2	13	3	6	15	19	38	56	4.75	—
	Plymouth (Mt. Batten)	21-9	87	12.6	7.0	9.8	—1.0	25.5	—4.7	—	—	34.00	90	1.51	29 Sept	165	121	26	8	14	9	6	4	38	79	16	4.70	104
Plymouth (The Hoe)	9 9	119	13.1	7.0	10.1	—0.9	26.1	—5.0	10.7	11.2	32.82	87	1.26	30 Dec	174	126	14	7	6	0	3	9	33	—	31	4.68	102	
Devon	Chivener	21-9	20	13.2	7.0	10.1																						



TABLE III (continued)—SUMMARY OF THE RECORDS OF TEMPERATURE, RAINFALL AND OF WEATHER OBSERVATIONS, YEAR 1962

DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS							EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)				WEATHER Number of days										BRIGHT SUNSHINE				
			Means of		Mean Temperature Mean of A and B	Difference from Average	Highest Maximum and Lowest Minimum		Total Fall			Per-centage of Average	Most in a day		Precip'n		Snow or Sleet	Snow lying at 9h.	Hail*	Ice or snow pellets etc.†	Thunder heard	Fog at 9h.	Air Frost	Grass min. 0°C or less	Gale	Daily Mean	Percentage of Average			
			A	B			Maximum	Minimum		Amount	Date		-01 in.(0.2 mm.) or more	-04 in.(1.0 mm.) or more																
			Max.	Min.			Max.	Min.																						
			G.M.T.	ft.	° C	° C	° C	° C	° C	° C	° C	° C	° C	° C	in.	%	in.										hr.	%		
CHANNEL ISLES																														
Guernsey States Airport	21-9	340	12.5	8.0	10.3	-	-	25.6	-2.8	11.1	11.5	31.57	93	1.22	29 Dec	180	131	31	7	4	9	1	10	20	45	13	5.19	-	-	
Alderney States Airport	9 9	288	12.0	7.7	9.9	-	-	22.2	-2.8	10.7	-	23.75	-	1.26	29 Dec	161	119	16	3	1	4	3	14	17	23	4.78	-	-	-	
Jersey Jersey Airport	9 9	273	12.7	7.8	10.3	-	-	25.7	-4.3	-	-	32.74	100	1.33	29 Dec	172	126	26	2	24	0	3	4	9	21	45	21	5.26	-	-
St. Helier	9 9	13.5	8.6	11.1	-	-	-	26.7	-3.3	-	-	33.24	110	1.34	29 Dec	159	123	12	-	5	1	2	4	20	12	5.40	-	-	-	-
Gorey Castle																														

TABLE IV—SUMMARY OF OBSERVATIONS OF PRESSURE, TEMPERATURE, HUMIDITY, CLOUD, VISIBILITY AND WIND AT FIXED HOURS AT CERTAIN STATIONS DURING THE YEAR 1962

DISTRICT, COUNTY AND PLACE		Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY		CLOUD-AMOUNT (OKTAS)								VISIBILITY								WIND, NUMBER OF OBSERVATIONS																
				At Mean Sea Level	Difference from Average	Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	Mean Amount	NO. OF OBSERVATIONS					NUMBER OF OBSERVATIONS								FORCE (0-12)					DIRECTION											
											0	1	3	6	8	9	0-44 yd.	45-210 yd.	220-430 yd.	440-1,090 yd.	1,100-2,190 yd.	2,200-4,380 yd.	3-6 mi.	7-12 mi.	13-24 mi.	25 mi. or over	Beaufort Force					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	
																											8 or more	6	4	1	3									Calm
22 to 33	11 to 21	1 to 10	0																																					
0 SCOTLAND, N.		G.M.T.	ft.	mb.	mb.	°C	°C	mb.	%	5-9	8	48	63	91	140	15	1	12	2	2	6	4	48	85	117	88	5	39	153	138	30	64	21	13	24	52	54	69	38	
Zetland	Lerwick Observatory	H	3	273	1010-2	-	5.8	0.6	8.6	91	5-9	8	48	63	91	140	15	1	12	2	2	6	4	48	85	117	88	5	39	153	138	30	64	21	13	24	52	54	69	38
		9	273	1010-4	+0.7	6.8	0.9	8.8	86	6.4	0	21	63	165	106	10	0	5	1	7	10	10	48	88	96	100	5	33	180	137	10	61	33	24	27	58	51	65	36	
		15	273	1010-5	-	7.5	1.2	8.9	83	6.4	1	17	62	164	118	3	0	1	2	2	4	12	50	83	114	97	6	43	175	134	7	50	40	22	24	65	47	64	46	
Orkney	Kirkwall (Grimsetter)	H	21	273	1010-8	-	6.1	0.7	8.6	89	5-8	3	64	55	100	133	10	0	7	1	3	2	9	55	72	117	99	8	32	155	148	22	62	30	16	21	59	55	59	41
		3	86	1011-0	-	6.3	0.7	8.8	89	5-9	5	59	49	104	143	5	0	1	1	4	4	6	49	67	185	48	4	43	158	142	18	40	17	25	35	63	52	70	45	
		9	86	1011-3	-	7.4	1.0	9.1	85	6.3	1	23	69	157	112	3	0	1	0	2	1	7	41	53	156	104	1	48	180	129	7	54	24	22	37	68	39	70	44	
Caithness	Wick	H	15	86	1011-3	-	8.5	1.5	9.1	81	6-3	0	30	58	163	113	1	0	0	1	13	38	40	151	118	7	55	191	110	2	58	32	28	39	54	40	85	37		
		21	86	1011-7	-	6.9	0.8	9.0	87	6-4	2	54	55	109	141	4	0	0	2	2	2	5	43	60	176	68	3	43	149	164	4	45	26	27	31	75	35	75	45	
		3	121	1011-0	-	6.0	0.7	8.6	89	5.3	13	74	52	128	86	12	0	6	1	5	9	44	48	129	118	3	28	159	159	16	44	23	18	27	63	42	85	47		
Sutherland	Cape Wrath	H	9	121	1011-3	+1.0	7.3	1.1	8.9	84	6-0	3	35	66	166	88	7	0	2	4	2	1	6	59	51	120	120	3	36	169	151	6	49	25	20	26	78	42	70	49
		15	121	1011-2	-	8.4	1.5	9.1	80	6-2	2	33	51	190	84	5	0	0	2	2	8	11	42	80	99	121	3	56	182	118	4	44	24	25	42	62	47	50	67	
		21	121	1011-6	-	6.6	0.9	8.7	87	5-8	5	59	51	151	91	8	0	3	3	5	3	12	50	51	131	107	2	30	136	187	10	51	25	23	29	63	46	84	44	
Ross & Cromarty	Stornoway	H	3	371	1010-5	-	7.1	0.9	9.0	87	6-2	17	25	60	84	159	20	4	10	1	2	3	1	25	41	98	180	11	43	75	199	37	40	43	33	14	54	55	59	30
		9	371	1010-7	-	7.5	1.0	9.2	86	6.5	7	13	52	130	150	13	4	6	1	0	3	32	46	74	198	6	45	85	201	28	43	37	33	18	62	67	59	18		
		15	371	1010-7	-	8.1	1.1	9.4	85	6.3	3	19	73	134	117	19	0	11	7	0	0	32	40	85	189	12	45	85	200	23	42	38	37	11	59	63	56	36		
Inverness	Benbecula	H	21	371	1011-0	-	7.5	1.0	9.1	86	6-4	5	16	72	103	150	19	1	12	0	7	1	1	32	46	70	195	13	45	64	206	37	40	37	37	17	51	52	63	31
		3	16	1011-9	-	6.7	0.6	9.2	91	5-3	21	75	48	101	119	1	0	0	2	1	3	43	106	141	69	2	40	146	37	36	31	21	23	69	55	60	33			
		9	16	1012-2	+2.2	8.0	1.0	9.6	87	6-1	3	38	54	163	107	0	0	0	0	2	4	48	86	113	112	3	29	174	144	15	38	31	41	25	23	74	52	59	38	
Aberdeen	Dyce	H	15	16	1012-1	-	9.2	1.4	9.7	82	5-9	3	41	63	171	87	0	0	0	0	0	1	6	36	75	102	145	5	56	194	107	3	33	58	22	17	91	48	57	36
		21	16	1012-5	-	7.4	0.8	9.5	89	5-4	20	68	48	108	121	0	0	0	0	0	1	5	44	90	149	76	4	30	161	144	26	41	39	30	11	77	61	44	36	
		3	21	1011-9	-	7.4	0.7	9.5	89	5-5	17	57	69	105	116	1	0	0	2	2	5	9	43	75	114	115	8	43	149	146	19	54	27	25	30	72	46	83	29	
Fife	Leuchars	H	9	21	1012-3	-	8.6	1.1	9.8	85	5-9	2	37	73	166	87	0	0	0	0	2	6	17	35	80	99	126	5	53	178	120	9	36	28	36	35	72	44	66	39
		15	21	1012-3	-	9.7	1.6	9.9	80	5-6	3	51	83	147	80	1	0	0	2	2	5	33	75	93	154	10	65	186	100	4	24	23	29	63	42	85	47			
		21	21	1012-6	-	7.9	0.9	9.6	87	5-4	8	69	65	124	98	1	0	0	0	1	6	11	41	83	91	132	9	57	157	126	16	48	29	31	25	75	45	57	39	
1 SCOTLAND, E.																																								
Moray	Kinloss	H	3	19	1012-3	-	6.3	1.0	8.4	85	5-8	15	49	49	157	94	1	0	1	2	1	10	38	79	160	73	2	14	125	218	6	26	19	41	10	55	137	46	25	
		9	19	1012-6	-	7.9	1.5	8.7	79	6-3	2	28	54	200	79	2	0	0	0	1	2	9	60	51	117	125	2	24	141	195	3	46	14	35	15	40	105	72	35	
		15	19	1012-3	-	9.8	2.3	8.9	72	6-1	0	36	57	206	64	2	0	1	0	1	1	9	46	59	105	143	1	33	185	145	1	68	14	47	8	36	70	80	41	
Aberdeen	Dyce	H	21	19	1012-8	-	7.2	1.3	8.6	82	6-0	3	46	48	186	82	1	0	0	0	0	2	15	49	67	128	104	2	16	118	226	3	35	23	52	18	52	102	25	18
		3	193	1012-9	-	5.4	0.9	8.1	87	5-7	35	46	54	109	134	7	4	4	0	5	7	25	67	95	99	51	2	6	108	136	36	5	15	22	54	35	62	39	74	
		9	193	1012-9	+1.5	9.3	1.9	9.5	79	6-0	2	53	62	185	89	0	0	1	13	26	7	13	27	67	100	93	71	1	15	117	196	36	5	8	14	22	97	59	74	
Fife	Rattray Head	H	15	193	1012-7	-	9.1	2.1	8.7	73	6-1	2	35	53	185	89	1	0	0	1	0	6	24	65	89	108	72	0	27	145	179	14	46	12	29	33	73	37	52	69
		21	193	1013-3	-	6.4	1.1	8.4	84	5-6	16	61	53	107	124	4	0	1	1	6	4	33	107	94	86	33	1	12	93	197	62	30	9	14	24	58	39	53	75	
		3	108	1011-7	-	6.3	0.9	8.4	85	5-7	1	39	95	158	60	12	0	4	6	0	2	52	275	22	0	3	39	151	165	7	49	5	27	11	113	31	93	26		
Fife	Leuchars	H	9	108	1011-9	-	7.4	1.3	8.7	81	5-8	0	16	109	192	41	7	0	1	2	4	1	0	52	201	104	0	7	51	163	139	9	57	5	29	24	95	25	96	25
		15	108	1011-9	-	8.6	1.6	8.9	77	5-8	0	14	120	181	43	7	0	3	0	4	0	2	62	170	124	0	5	67	175	112	6	52	8	35	36	84	17	87	40	
		21	108	1012-2	-	7.0	1.1	8.7	84	5-7	0	29	100	166	62	8	0	3	5	0	3	62	263	39	0	5	45	164	140	11	53	5	30	22	105	18	91	30		
Midlothian	Turnhouse	H	3	38	1012-7	-	5.8	0.9	8.0	86	5-1	47	67	29	90	127	5	0	4	2	7	21	56	95	106	91	1	7	102	92	19	17	102	92	19	17	102	92	19	17
		9	38	1012-7	-	6.7	1.0	8.5	87	5-5	3	52	62	132	102	5	0	3	1	2	12	21	50	94	74	137	1	24	144	164	32	23	28	32	11	20	97	94	28	
		15	38	1012-7	-	9.9	2.3	9.0	72	6-0	1	45	59	165	94	1	0	1	0	4	9	22	52	47	80	150	6	32	179	139	9	22	29	68	19	16	76	103	23	
Midlothian	Turnhouse	H	21	38	1012-7	+1.0	7.1	1.2	8.6	83	5-5	23	59	52	106	119	6	0	1	4	2	12	26	60	53	94	113	1	17	115	202	30	29	28	43	20	17	103	74	21
		3	114	1013-7	-	5.9																																		



TABLE IV (continued)—SUMMARY OF OBSERVATIONS OF PRESSURE, TEMPERATURE, HUMIDITY, CLOUD, VISIBILITY AND WIND AT FIXED HOURS AT CERTAIN STATIONS DURING THE YEAR 1962

DISTRICT, COUNTY AND PLACE			Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY		CLOUD-AMOUNT (OKTAS)		VISIBILITY										WIND, NUMBER OF OBSERVATIONS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
					At Mean Sea Level	Difference from Average	Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	NO. OF OBSERVATIONS					NUMBER OF OBSERVATIONS					FORCE (0-12)					DIRECTION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
											Mean Amount	0	1	2	3	4	5	6	7	8	9	0-44 yd.	45-210 yd.	220-450 yd.	460-1,000 yd.	1,100-2,100 yd.	2,200-4,300 yd.	3-4 mi.	7-12 mi.	13-24 mi.	25 mi. or over	Beaufort Force					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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TABLE IV (continued) - SUMMARY OF OBSERVATIONS OF PRESSURE, TEMPERATURE, HUMIDITY, CLOUD, VISIBILITY AND WIND AT  
FIXED HOURS AT CERTAIN STATIONS DURING THE YEAR 1962

DISTRICT, COUNTY AND PLACE	Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY		CLOUD-AMOUNT (OKTAS)				VISIBILITY										WIND, NUMBER OF OBSERVATIONS																
			At Mean Sea Level	Difference from Average	Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	Mean Amount	NO. OF OBSERVATIONS					NUMBER OF OBSERVATIONS					25 ml. or over	FORCE (0-12)				DIRECTION												
										0	1	3	6	8	9	0-44 yd.	45-210 yd.	220-430 yd.	440-1,090 yd.		1,100-2,190 yd.	2,200-4,300 yd.	3-5 mi.	7-12 mi.	13-24 mi.	Beaufort Force				N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
																										Speed in knots											
																										8 or more	6	4	1								
		to 33	22	11	1	0															34 or more	7	5	3	1	0											

4 MIDLAND COUNTIES-cont.			G.M.T.	ft.	mb.	mb.	°C	°C	mb.	%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
Gloucester	Bristol(Filton) H	3	197	1016-8	-	-	7-2	0-9	9-2	84	5-1	65	42	44	63	138	13	1	8	5	8	17	36	133	135	22	0	0	9	85	212	59	37	53	26	8	36	59	18																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
		9	197	1017-4	-	-	8-8	1-6	9-4	79	5-8	17	49	49	110	132	8	2	5	1	10	26	33	84	139	52	13	2	9	126	208	20	38	54	32	26	37	57	81	20																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
		15	197	1017-2	-	-	11-6	2-9	9-6	68	5-8	11	38	62	144	108	2	0	3	2	1	9	32	69	117	93	39	0	15	173	171	6	43	52	28	18	38	51	115	14																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
		21	197	1016-6	-	-	8-8	1-5	9-5	81	5-1	51	52	49	87	119	7	0	3	1	8	18	45	120	127	41	2	1	8	242	26	36	60	25	21	32	66	85	17																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
		3	79	1016-6	-	-	7-2	0-9	9-3	86	5-2	58	42	38	99	114	14	3	8	4	12	20	34	154	92	34	4	0	3	103	215	43	45	34	19	19	51	94	37	23																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
Gloucester	H	9	79	1017-2	-	-	9-0	1-6	9-6	79	5-9	15	48	38	138	117	9	1	6	3	16	26	33	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83	45	42	0	3	10	183	110	83







TABLE V (continued)—WARMEST DAY AND NIGHT AND COLDEST DAY AND NIGHT IN THE YEAR 1962 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	
1	SCOTLAND, E. — cont.		°C		°C		°C		°C	2	ENGLAND, N.E.		°C		°C		°C		°C
	Edinburgh —										Kielder Castle	June 8	22.2	Sept. 2	13.3	Dec. 24	-2.2	Mar. 7	-15.0
	Blackford Hill	June 7	25.0	Sept. 2	14.4	Dec. 28	0.0	Mar. 3	-5.0		Bellingham	June 8	23.3	Sept. 2	15.0	Dec. 24	-1.1	Dec. 29	-11.1
	Liberton	June 5, 7	25.0	July 30, Aug. 20, Sept. 2	13.9	Dec. 28	0.6	Jan. 2, Mar. 15	-6.7		Haydon Bridge	—	—	—	—	—	—	—	—
	Botanic Garden	June 7, 8	23.9	Aug. 20, Sept. 2	14.4	Jan. 3, Dec. 28	0.6	Jan. 2	-6.7		Berwick-on-Tweed	June 7	23.3	Sept. 2	13.9	Dec. 24	-0.6	Mar. 7	-11.7
	Haddington	June 7	25.0	Aug. 20, Sept. 2	14.4	Dec. 28	-1.1	Jan. 2	-11.7		Ponteland	June 9	25.6	Aug. 20	14.4	—	—	—	—
	North Berwick	—	—	—	—	Jan. 2	1.7	Jan. 2, Mar. 15	-4.4		Cockle Park	June 8	23.9	July 30	12.2	Dec. 23	-1.1	Mar. 7	-8.3
	Dunbar	June 8	23.9	July 30	14.4	Dec. 24	1.7	Jan. 4	-5.0		Acklington	June 8	24.3	July 22, 30	12.3	Nov. 19	-1.3	Mar. 7	-10.3
	Lauder	June 7	23.9	Aug. 2, 20	14.4	Nov. 20	-3.3	Mar. 7	-15.0		Tynemouth	June 8	23.0	Sept. 2	13.9	Dec. 23	-0.5	Dec. 25	-6.2
	Marchmont	June 8	24.4	Aug. 20, Sept. 2	13.3	Dec. 24, 29	-0.6	Mar. 7	-7.8		Chopwellwood	June 7	25.0	Aug. 20	13.9	Jan. 1	-1.1	Dec. 25	-7.8
	St. Abb's Head	June 7	23.8	July 30	14.5	Dec. 24	-1.0	Dec. 24	-4.0		Ushaw College	June 8	23.9	—	13.9	Dec. 23	-2.2	Dec. 24, 25	-7.7
	Broughton	June 5	23.3	Aug. 20	13.9	Nov. 19, Dec. 24	-1.1	Mar. 3	-13.9		Houghall	June 8	25.0	Aug. 20	15.0	Dec. 28	-6.7	Mar. 6	-14.4
	Blyth Bridge	June 5, 7, 8	22.2	Aug. 20	13.9	Nov. 19, Dec. 24, 29	-1.1	Mar. 3, Nov. 21	-12.2		Durham	June 8	25.0	Aug. 20	13.3	Dec. 3	-2.8	Mar. 7, 8	-9.4
	West Linton	June 5	23.3	July 30, Aug. 20	12.2	Nov. 21, Dec. 24	-1.1	Nov. 21	-15.0		Gateshead	June 7	23.9	Aug. 20	13.9	Dec. 28	-1.1	Jan. 1	-7.2
	Peebles (Glenress)	June 8	23.9	Sept. 2	13.3	Nov. 21	-2.2	Mar. 3	-14.4		Middleton St. Gge.	June 8	25.7	Aug. 20	15.0	Dec. 5	-5.0	Dec. 29	-14.2
	Selkirk (Bowhill)	June 8	25.6	Sept. 2	13.3	Dec. 29	-1.1	Mar. 7	-12.8		West Hartlepool	June 7	23.3	June 18, Sept. 2	13.9	Dec. 3, 4	-0.6	Dec. 25	-8.3
	Hawick (Wauchope)	June 8	25.0	Aug. 20	14.4	Dec. 24, 29	-1.1	Nov. 21	-13.9		Dishforth	June 8	25.8	Aug. 20	15.0	Dec. 5	-3.6	Dec. 25	-9.6
	Sourhope	—	—	Aug. 20	14.4	Dec. 29	-1.7	Mar. 3	-11.7		York	June 8	25.6	July 21, Aug. 20	15.6	Dec. 5	-3.3	Dec. 25, 29	-8.3
6a	SCOTLAND, W.										Ampleforth	June 8	24.4	Aug. 20	14.4	Dec. 4	-1.7	Dec. 5, 6, 29	-8.3
	Three	July 10	20.1	July 10	13.0	Dec. 30	2.1	Mar. 5	-4.5		Redcar	June 7	23.9	Aug. 20	16.1	Dec. 4, 28	0.0	Dec. 25	-8.3
	Rhuvaal	July 9	19.9	July 10	13.2	Dec. 30	2.5	Mar. 5	-1.8		Whitby	June 7	23.3	Aug. 20	15.6	Dec. 23, 28	0.0	Dec. 25	-8.3
	Colonsay	July 9, 13	21.1	Aug. 19	12.2	Dec. 28, 29	2.2	Dec. 29	-5.6		Scarborough	June 9	24.4	Aug. 1, 20	13.9	Dec. 3	0.0	Dec. 29	-5.0
	Campbeltown	July 13	21.1	Aug. 20	13.3	Feb. 26, Dec. 29, 30	3.3	Mar. 4, 5, 6	-4.4		Silpho Moor	June 9	22.8	July 21, Aug. 3	13.3	Dec. 24	-1.7	Dec. 29	-7.2
	Tarbert (Achaglachgach)	June 7, July 9, 13	21.7	July 30	13.3	Dec. 28	0.6	Mar. 4, 5, 6	-7.2		Fylingdales Moor	June 8	22.8	Aug. 20	13.9	Dec. 3	-1.7	Dec. 29	-7.8
	Oban	—	—	—	—	—	—	—	—		High Mowthorpe	June 8	22.2	Aug. 20	13.3	Jan. 1, Dec. 3, 28	-0.6	Mar. 4	-7.2
	Lephinmore	July 13	24.4	Sept. 4	13.3	Dec. 28	0.6	Mar. 6, 15	-5.0		Hull	June 8	25.6	Aug. 20	16.1	Dec. 4	-1.1	Dec. 25, 29	-7.8
	Glenbranter	July 13	23.9	June 18	13.3	Dec. 28	-2.8	Mar. 15	-8.3		Leconfield	June 8	23.9	Aug. 20	14.6	Dec. 4	-0.8	Dec. 29	-11.4
	Benmore	July 13	23.3	June 18, July 19	12.8	Dec. 28	0.6	Mar. 15	-8.3		Filey	June 9	22.8	Aug. 20	13.9	Dec. 28	-2.8	Dec. 29	-10.0
	(Forestry Sch.)	—	—	—	—	—	—	—	—		Bridlington	June 9	23.3	July 2, Aug. 20, Sept. 3, Oct. 2	12.8	Dec. 4	-1.7	Dec. 5	-7.2
	Benmore (Younger Bot. Gdn.)	July 13	25.0	June 18, Sept. 1	13.3	Jan. 1, Dec. 28	0.0	Mar. 15	-7.2		Spurn Head	June 21	24.2	June 21	14.5	Dec. 4	0.1	Dec. 26	-3.3
	Rothsay	July 13	23.3	June 18, July 30, Sept. 1, 2	12.8	Dec. 28, 29, 30	1.7	Mar. 3, 4, 14	-3.3		Gainsborough	June 9	24.4	June 14, Aug. 20	14.4	Jan. 1	-1.7	Jan. 3	-8.3
	Millport	July 13	22.2	July 30, Sept. 1, 2	13.3	Dec. 29	2.2	Mar. 3	-3.3		Waddington	June 8	24.2	Aug. 20	15.6	Dec. 28	-4.0	Dec. 29	-7.6
	Helensburgh	July 13	23.3	June 18, July 30, Sept. 1, 2	12.8	Dec. 29	0.0	Mar. 3	-6.7		Lincoln	June 8, 9	24.4	July 21, Aug. 20	16.1	Dec. 28	-3.9	Jan. 1, 2	-11.7
	Cumbernauld	June 5	25.0	Sept. 2	13.3	Dec. 28	-3.3	Jan. 2	-11.7		Cranwell	June 8, 9	24.3	Aug. 20	15.6	Dec. 28	-3.5	Dec. 6	-10.0
	Stirling	June 8	24.4	(Sept. 2)	12.8	Jan. 3	-2.8	Jan. 4	-7.2		Cleethorpes	June 9, 14	25.0	Aug. 20	15.0	—	—	Dec. 5	-5.6
	Falkirk	June 5, July 13	24.4	Sept. 2	14.4	Jan. 1, Dec. 24	0.6	Jan. 2	-7.2		Manby	June 9	24.5	Sept. 12	14.8	Jan. 1, Dec. 23	-0.1	Mar. 7	-10.2
	Greenock	June 8, July 13	22.8	June 18, July 30, Sept. 2	13.3	Dec. 28, 29	0.6	Jan. 29	(-4.4)		Skegness	June 14	24.4	Aug. 20	16.1	Dec. 4	-2.2	Jan. 3, Mar. 7, Dec. 5	-6.7
	Paisley	July 13	25.0	July 30, Sept. 2	13.9	Dec. 29	-0.0	Jan. 2, Dec. 29	-6.1	3	ENGLAND, E.								
	Barrhead	July 13	23.3	June 18, Sept. 2	13.9	Jan. 1, Dec. 24, 29	0.6	Jan. 2	-9.4		Terrington St.	Sept. 2	25.0	July 21	15.0	Dec. 4	-2.8	Jan. 3	-8.3
	Renfrew	July 13	24.7	July 30	14.0	Jan. 3	-0.4	Jan. 2	-9.1		Clement	—	—	—	—	—	—	—	—
	Thorntonhall	July 13	22.8	June 18, Sept. 2	13.3	Dec. 29	-0.6	Mar. 3	-10.0		Marham	June 9	24.7	Sept. 12	15.1	Dec. 4	-3.3	Jan. 3	-10.1
	Glasgow, Spr. Pk.	June 5	24.4	Sept. 2	13.3	Dec. 29	-0.6	Jan. 2	-7.8		Santon Downham	June 8, 9, 14	25.6	June 22	15.0	Dec. 23	0.0	Dec. 29	-15.0
	Coatbridge	July 13	23.9	June 18	14.4	Dec. 28	-2.2	Jan. 2	-9.4		West Raynham	June 9	24.7	Sept. 12	14.5	Feb. 26	-1.2	Dec. 5	-7.2
	Coalburn (Midtown)	June 8	22.5	Aug. 20	13.0	Dec. 24	-1.5	Mar. 3	-14.4		Cromer	June 14	26.1	June 22, Sept. 12	13.9	Dec. 30, 31	0.6	Dec. 31	-5.0
	Lowther Hill	June 8	18.0	June 8, July 30, Aug. 19, Sept. 2	9.0	Mar. 3	-6.2	Jan. 1	-10.3		Sprowston	Sept. 3	25.6	Aug. 12	15.0	Jan. 1, Feb. 26, Dec. 23, 24, 30, 31	0.6	Dec. 28	-8.3
	Leadhills	June 8	22.8	Aug. 20	12.8	Nov. 18, Dec. 24, 28, 29	-2.2	Mar. 3	-12.8		Burlingham	Sept. 2	26.1	Sept. 12	14.4	Feb. 26, Dec. 30	0.0	Jan. 2, Mar. 15, 17, Dec. 6	-5.0
	Carnwath	June 4, 5, 6, 7, 8, July 13	22.2	Aug. 20, Sept. 2	13.3	Nov. 21	-1.7	Jan. 2	-16.1		Gorleston	June 14, 21	23.3	Aug. 20	15.8	Jan. 1	-1.0	Jan. 1, Dec. 6	-4.2
	Turnberry	July 9	21.7	June 18, July 19, Aug. 20, Sept. 2	13.9	—	—	—	—		Mildenhall	Sept. 2	25.1	Aug. 20	16.4	Dec. 4	-1.6	Dec. 29	-13.4
	Largs	July 13	23.3	July 30, Aug. 20	13.9	Dec. 30	1.7	Jan. 1, Dec. 29	-5.0		East Bergholt	Sept. 3	26.1	June 18, 22, Sept. 12	15.0	Jan. 1, Dec. 6	-0.6	Mar. 6	-11.1
	Barr	July 9	24.4	June 18, July 19, Aug. 20, Sept. 2	12.8	—	—	—	—		Wattisham	Aug. 20	24.2	Sept. 12	15.2	Jan. 3	-2.2	Jan. 1	-9.2
	Auchincruive	July 9	24.4	June 18, July 19, Aug. 20, Sept. 2	13.9	Dec. 24, 27, 29	0.6	Jan. 1	-11.7		Lowestoft	June 21	23.3	Aug. 20	15.6	Jan. 1	-0.6	Jan. 1	-5.0
	Prestwick Airport	June 5	22.0	June 18	14.7	Jan. 1	-3.4	Jan. 1	-12.2		Boxworth	June 9, Sept. 2	24.4	Aug. 20	15.0	Jan. 1, Dec. 29	-1.7	Jan. 3, Dec. 5, 29, 30	-9.4
	Kilmarnock	June 5	22.8	Aug. 20	13.9	Dec. 28	-0.6	Jan. 1											



TABLE V (continued) - WARMEST DAY AND NIGHT AND COLDEST DAY AND NIGHT IN THE YEAR 1962 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	
4 MIDLAND COUNTIES--cont.		°C		°C		°C		°C	5 ENGLAND S.E.--cont.		°C		°C		°C		°C
Malham Tarn	June 8	21.7	Aug. 20	13.3	Feb. 26	-2.2	Jan. 1	-8.9	Bromley	—	—	—	—	Dec. 5	-2.2	Dec. 6	-8.3
Huddersfield	June 7, 8	24.4	Aug. 20	15.6	Dec. 3	-2.2	Dec. 24	-11.7	Swanley	June 9	25.6	Aug. 20	16.7	Jan. 1	-1.1	Jan. 2	-9.4
Huddersfield (Oakes)	June 7, 8	24.2	Aug. 20	15.2	Dec. 3	-3.6	Dec. 25	-8.0	Dartford	June 9	26.1	Aug. 20	16.7	Dec. 5	-1.7	Dec. 5	—
Bradford	June 7	23.3	Aug. 20	15.6	Dec. 3	-1.7	Dec. 25	-8.9	Tunbridge Wells	June 9	24.4	Aug. 20	15.6	Jan. 1	-1.7	Jan. 1	-11.7
Ilkley	June 7, 8	24.4	Aug. 20	15.6	Dec. 2, 3, 6	-1.1	Dec. 29	-10.0	Goudhurst	June 9	24.4	Aug. 20	15.6	Dec. 28	-1.1	Mar. 6, 17	-7.8
Sheffield	June 8	25.0	July 21, Aug. 20	15.0	Dec. 24	-1.7	Dec. 25	-8.3	East Malling	June 9	25.6	Aug. 20	16.1	Jan. 1	-1.1	Jan. 1	-11.7
Wakefield	June 8	26.7	Aug. 20	15.6	Dec. 6	-2.8	Dec. 26	-10.0	Benenden	—	—	—	—	—	—	—	—
Pontefract	June 8	24.4	July 21	14.4	Dec. 5	-4.4	Dec. 6	-9.4	Gillingham	June 9	25.6	Aug. 20	16.7	Dec. 5	-2.8	Dec. 4	-7.8
Bramham	June 8	23.3	Aug. 20, Sept. 10	14.4	Dec. 5	-3.9	Dec. 6, 25	-8.9	Sittingbourne	June 9	23.9	Aug. 20	17.2	Dec. 28	-0.6	Dec. 6	-9.4
Cawood	June 8	25.0	Aug. 20	14.4	Dec. 5	-3.3	Jan. 2	-10.0	Isle of Grain	July 2	25.0	Aug. 20	17.2	Jan. 1	0.0	Dec. 5	-6.7
Askham Bryan	June 8	25.0	July 21	15.0	Dec. 28	-3.3	Dec. 29	-11.1	Faversham	June 9, Sept. 3	24.4	Aug. 20	17.2	Jan. 1	-0.6	Dec. 5	-9.4
Buxton	June 8	21.7	Aug. 20	13.9	Dec. 23	-2.8	Mar. 4, Dec. 25	-10.0	Dungeness	Aug. 22, 27, 28	21.0	Sept. 4, 12	15.5	Jan. 1	-0.6	Jan. 2	-7.5
Chapel en le Frith	June 8	23.3	Aug. 20	15.0	Feb. 26, Dec. 2, 24, 25, 29, 30, 31	-0.6	Jan. 2	-12.2	Wye	June 9, July 25	23.9	Aug. 20	16.7	Jan. 1	-1.1	Jan. 1, Dec. 5	-7.8
Mackworth	June 8	24.4	Aug. 20	15.0	Dec. 23, 28	-1.1	Jan. 3	-10.0	Whitstable	Sept. 3	24.4	Aug. 20	16.7	Dec. 5	-1.1	Dec. 4, 5, 6	-7.8
Belper	June 7, 9, 14, July 8, 25	23.3	Aug. 20	15.6	Dec. 23	-0.6	Dec. 25, 26	-7.8	Folkestone	July 2	23.9	Sept. 3	16.7	Feb. 26, Dec. 23, 24	0.0	Jan. 1	-6.6
Derby	June 8	25.0	Aug. 20	16.1	Dec. 6	-0.6	Jan. 3	-11.7	Wingham (Elmstone)	Sept. 3	25.0	Aug. 20	15.6	Jan. 1	-0.6	Jan. 1	-8.9
Morley	June 8	24.4	Aug. 20	15.0	Dec. 23	-1.7	Jan. 3, 4, Dec. 24	-7.2	Herne Bay	Sept. 3	26.1	Aug. 20	17.2	Jan. 1	0.0	Dec. 6	-6.7
Chesterfield	June 8	25.6	July 21, Aug. 20	14.4	Dec. 24	-1.1	Dec. 26	-10.6	Dover	Aug. 20	23.3	Aug. 20	17.2	Jan. 1, Feb. 26, Dec. 23, 24, 29	0.6	Jan. 1	-5.0
Sutton Bonington	June 8	24.4	Aug. 20	15.6	—	—	—	—	Dover R.M.S.	—	—	—	—	—	—	—	—
Wattall	June 8	25.0	Aug. 20	15.3	Dec. 28	-1.5	Dec. 3	-7.9	Deal	June 12, Aug. 19	23.8	Sept. 12	16.6	Dec. 28	-1.0	Dec. 6	-5.0
Mansfield	June 8	24.4	Aug. 20	15.6	Dec. 28	-1.7	Dec. 25, 26	-8.9	Manston	Sept. 3	24.6	Aug. 20	16.3	Dec. 28	-1.5	Jan. 1	-7.5
Nottingham	June 8	25.0	Aug. 20	16.1	Dec. 28	-1.7	Jan. 3	-8.9	Ramsgate	Aug. 10, Sept. 3	22.2	Aug. 20, Sept. 3	16.1	Jan. 1, Feb. 26	0.6	Jan. 1	-5.0
Warsop	June 8	25.0	Aug. 20	15.6	Dec. 28	-2.2	Dec. 25	-12.2	Margate	Sept. 3	25.0	Aug. 20	16.7	Jan. 1, Feb. 26, Dec. 24	0.6	Jan. 1	-5.0
(Gleadthorpe)	—	—	—	—	—	—	—	—	Thorney Island	Sept. 3	25.0	Aug. 20	16.7	Jan. 1, Feb. 26, Dec. 24	0.6	Jan. 1	-5.0
Finningley	June 8	25.5	July 21	15.5	Dec. 28	-2.7	Jan. 3	-7.9	Bognor Regis	July 25	25.0	July 9	15.8	Jan. 1	-0.6	Jan. 1	-9.2
Newtown Linford	July 25	24.4	Aug. 20	15.0	Dec. 28	-2.8	Jan. 3	-10.6	—	—	—	—	—	—	—	—	—
Caldecott	June 8	25.6	Aug. 20	16.1	Jan. 2, Dec. 4, 23	-1.1	Jan. 3	-13.9	—	—	—	—	—	—	—	—	—
Raunds	—	—	—	—	Dec. 23	-1.7	Jan. 3	-12.8	Littlehampton	July 2	24.4	July 19, 26	15.6	—	—	Jan. 1	-7.8
Wittering	Sept. 2	24.9	Aug. 20	15.7	Dec. 4	-1.6	Dec. 5	-9.1	Rustington	July 2	23.9	July 25	17.2	Jan. 1	-1.1	Jan. 1	-11.7
Birmingham K.E.S.	June 8	23.9	Sept. 12	14.4	Dec. 28	-2.2	Jan. 3	-7.8	Worthing	July 25	22.8	Aug. 20, Sept. 3	16.7	Jan. 1, Dec. 23	-0.6	Jan. 1	-7.8
Birmingham	June 8	24.7	Aug. 11	14.9	Dec. 28	-2.2	Dec. 25	-6.2	Brighton	July 25	25.0	Sept. 3	17.8	Dec. 23, 28, 29	0.0	Jan. 1	-6.1
Luddington	July 25	25.6	Aug. 11	15.6	Jan. 2	-3.3	Jan. 3	-13.9	East Grinstead	June 9, July 2	23.9	Aug. 20	15.0	Dec. 23	-1.1	Jan. 3, Mar. 17	-11.1
Stratford on Avon	July 25	26.1	June 18, Aug. 11, 20, Sept. 3, 12	15.0	Jan. 2	-4.4	Jan. 2	-14.4	Seaford	July 25	23.9	July 26, Sept. 4, 11, 12	15.6	Dec. 23	-0.6	Jan. 1	-7.2
Birmingham Airport	July 25	24.2	Aug. 11	15.2	Dec. 28	-2.0	Jan. 3	-16.0	Eastbourne	June 9	21.7	Aug. 20	17.2	Jan. 1, 2, Feb. 26, Dec. 23, 24, 25	0.6	Jan. 1	-6.1
Shipston on Stour	July 25	25.0	June 18	14.4	Jan. 2, Dec. 28	-2.8	Jan. 3	-14.4	—	—	—	—	—	—	—	—	—
Wellesbourne	July 25	26.1	Aug. 11, 20	15.0	Jan. 2	-5.6	Jan. 2	-16.1	Eastbourne (C/Guard)	June 9	22.0	Aug. 20	16.3	Dec. 23, 30	-0.5	Jan. 1	-6.5
Moreton Morrell	July 25	26.1	Aug. 11, 20	15.0	Jan. 2, Dec. 28	-3.9	Jan. 3, Dec. 26	-12.2	Bexhill	July 25	22.8	Aug. 20	16.7	Dec. 23, 24, 28, 29	0.0	Jan. 1	-8.3
Coventry	—	—	—	—	—	—	—	—	Sedlescombe	July 2, 8, Sept. 2	23.3	Aug. 20	16.1	Dec. 23, 28	-1.1	Jan. 1	-8.3
Rugby	July 25	24.4	Aug. 20	15.0	Jan. 1	-3.3	Jan. 3	-12.2	Bodiam	June 9, July 2	23.9	Aug. 20, Sept. 12	15.6	Dec. 28, 29	-0.6	Jan. 1	-11.7
Oxford	June 9	25.0	June 18	16.1	Jan. 1, Dec. 3	-2.2	Jan. 2	-10.0	Hastings	July 25	23.9	Aug. 20	16.7	Dec. 23	-0.6	Jan. 1	-5.6
Aylesbury	June 9	25.0	July 9	16.1	Dec. 28	-2.8	Jan. 1	-11.7	Letcombe Regis	June 9, July 25	24.4	Sept. 3	15.0	Jan. 1	-1.7	Jan. 2, 3	-11.7
Keele	June 8	23.3	Aug. 20, Sept. 3	14.4	Dec. 25	-2.2	Dec. 29	-10.6	Abingdon	July 25	25.9	June 18	15.6	Jan. 1, Dec. 4	-2.3	Jan. 1	-14.2
Oaken	June 8	25.0	June 18, Aug. 20	14.4	Dec. 25	-2.2	Dec. 24, 25	-8.9	Compton	June 9	23.9	June 18	14.4	Jan. 1, 2	-2.2	Jan. 2	-13.3
Stone	June 8	23.9	June 18, July 29, Aug. 20	15.0	Dec. 28	-5.6	Dec. 28, 29	-13.3	Woolhampton	—	—	—	—	—	—	—	—
Penkridge	—	—	—	—	—	—	—	—	Wallingford	June 9	25.0	June 18	15.6	Jan. 2	-4.4	Jan. 1	-17.2
Onecote	June 8	21.1	Sept. 3	13.3	Feb. 17, Dec. 29, 30, 31	-2.8	Dec. 24, 25	-8.3	Shindfield	June 9	25.0	June 18	15.6	Jan. 1	-2.8	Jan. 1	-12.2
Oswestry	June 8	23.3	Aug. 20	14.4	Dec. 24, 28	-1.7	Dec. 30	-11.1	Reading	June 9	25.0	June 18, Aug. 20	15.6	Dec. 6	-2.2	Jan. 1	-10.0
Shrewsbury	June 8	25.0	Aug. 20	15.6	Dec. 28	-4.4	Jan. 2	-12.8	Reading S.T.G.	June 9	25.0	June 18, Aug. 20	15.6	Dec. 6	-2.8	Jan. 1	-13.3
Shawbury	June 8	23.9	Aug. 20	15.3	Dec. 28	-5.0	Jan. 2	-14.6	Finchampstead	June 9	25.0	June 18, Aug. 11, Sept. 12	15.0	Jan. 2, Dec. 4	-2.2	Jan. 1, 2	-11.7
Newport	June 8	24.4	Aug. 20	16.7	Dec. 28	-3.9	Jan. 2	-12.2	Hurley	June 9	25.0	June 18, 22, July 19, Aug. 11, 20, Sept. 12	15.0	Dec. 6	-2.2	Jan. 1	-14.4
Malvern	June 8, July 25	24.4	Aug. 11	15.6	Dec. 5, 28	-2.2	Jan. 3	-8.9	Bournemouth	July 2, 25	23.3	Sept. 3	15.6	Jan. 1	-1.1	Dec. 26	-7.2
Worcester (Redhill)	July 25	25.6	Aug. 11	16.7	Dec. 28	-2.2	Jan. 1	-11.7	Christchurch	July 2	24.4	Sept. 12	15.6	Jan. 1	-1.7	Jan. 1, Dec. 26	-8.3
Pershore (Institute of Horticulture)	July 25	26.7	Aug. 11, Sept. 3	15.6	Jan. 1, Dec. 28	-2.2	Jan. 3	-13.3	Everton (Efford)	July 25	23.3	July 9, Sept. 3	15.6	Jan. 1, Dec. 23	-0.6	Jan. 3	-8.3
Pershore	July 25	25.9	Aug. 11	15.4	Jan. 1	-3.1	Jan. 1	-15.2	Southampton	June 8	25.0	July 9, Sept. 3	16.1	Jan. 1	-0.6	Jan. 1, Dec. 26	-7.2
Halesowen	June 8, July 25	23.9	June 18, Sept. 3	13.9	Dec. 28	-2.2	Jan. 3	-10.6	Leckford	June 9, July 9	23.9	July 10, Aug. 11, 20, Sept. 3, 12	14.4	Jan. 1	-2.2	Jan. 1	-10.6
Lyonsall</																	



TABLE V (continued) - WARMEST DAY AND NIGHT AND COLDEST DAY AND NIGHT IN THE YEAR 1962 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.		°C		°C		°C		°C	6a SOUTH WALES -cont.		°C		°C		°C		°C
Boscombe Down	June 9	24.5	Sept. 12	14.7	Jan. 1	-2.2	Jan. 1	-11.9	Neath	July 25	24.4	July 9	17.2	Dec. 25	0.0	Dec. 26	-6.7
Upavon	July 9	24.3	June 18	14.4	Jan. 1	-2.5	Jan. 1	-8.5	Rhoose	July 25	25.7	July 9	15.2	Feb. 26	-1.3	Dec. 26	-8.7
Porton	July 9	24.7	Aug. 11	14.5	Jan. 1	-3.3	Jan. 2	-11.8	Cardiff	June 8, July 25	23.9	July 9	15.6	Dec. 23, 28	-1.1	Jan. 1, Dec. 26, 27	-6.1
7a ENGLAND, N.W.									Tredegar	June 9	24.4	July 9, Sept. 3	13.9	Dec. 28	-3.3	Jan. 1	-8.9
Sellafield	July 9	23.3	Sept. 2	15.0	Jan. 1, Nov. 19	1.7	Jan. 2	-8.3	Newport	July 25	25.6	July 9	16.1	Dec. 28	-1.1	Jan. 1, Dec. 26	-6.7
Carlisle	July 9	23.6	Sept. 2	14.6	Dec. 28	-3.0	Jan. 2	-12.8	Usk	July 25	24.4	June 18, July 19, Aug. 20, Sept. 12	15.0	Dec. 28	-1.7	Jan. 1, 3	-11.7
Newton Rigg	June 8	23.3	Aug. 20, 31	15.0	Dec. 29	-2.2	Jan. 2	-13.9	Crumblant Plantation	June 9	24.4	June 18	14.4	Dec. 23, 24	-2.2	Dec. 24, 26	-7.8
Spadeadam	June 5	21.7	Aug. 20	14.4	Jan. 1, Dec. 29	-1.7	Jan. 1	-12.8	8b ENGLAND, S.W.								
Ambleside	June 8	23.9	Aug. 20	14.4	Jan. 2, Dec. 25	0.0	Jan. 1	-12.8	Hawkridge	July 25	21.7	Sept. 3, 11	13.3	Feb. 26, Dec. 24	-2.8	Dec. 26	-7.8
Moor House	June 8	19.4	Aug. 20	12.8	Jan. 1	-4.4	Mar. 7	-14.4	(Liscombe)	July 25	27.2	Aug. 11	15.6	Dec. 25, 29	-0.6	Jan. 1, Mar. 6, Dec. 26	-6.7
Barrow-in-Furness	July 9	25.4	July 19, Aug. 1, 20	14.5	Dec. 24	-0.6	Jan. 2	-11.5	Cannington	July 25	25.6	Aug. 11, Sept. 3	16.1	Dec. 23, 24, 25, 29	0.0	Jan. 1, 2, Dec. 26	-6.7
Squires Gate	July 9	23.3	Aug. 20, Sept. 2, 3	13.9	Dec. 23, 24, 25	0.6	Jan. 1	-13.3	Weston-s-Mare	July 25	25.6	Aug. 11, Sept. 3	16.1	Dec. 23, 24, 25, 29	0.0	Jan. 1, 2, Dec. 26	-6.7
Poulton-le-Fylde	July 9	23.9	June 18, July 9, Aug. 1, 19, 20, Sept. 3, 11	14.4	Dec. 23, 24	-0.6	Dec. 25	-11.7	Long Ashton	July 25	25.6	July 9, Sept. 3	15.6	Dec. 28	-1.1	Jan. 1	-11.1
Grizedale	—	—	—	13.9	—	—	Jan. 1	-13.3	Bath (City Boys' School)	July 25	25.6	Sept. 3	15.6	Dec. 29	-1.1	Jan. 1	-8.3
Liverpool Airport	June 7	23.8	Aug. 20	16.3	Dec. 29	-1.4	Jan. 2	-7.8	Bath	July 25	26.1	July 9, Sept. 3	16.1	Jan. 1	-1.7	Jan. 1	-11.7
Kirkham	July 9	23.3	June 18, Aug. 20, Sept. 3	14.4	Dec. 25	0.0	Jan. 2	-11.7	Portland Bill	July 25	21.0	Sept. 12	15.5	Dec. 25	-0.5	Feb. 26, Dec. 25	-3.0
Garstang	July 9	22.8	Sept. 3	15.0	Jan. 1, Dec. 4, 23	0.0	Jan. 2	-10.0	Weymouth	July 25	23.9	Sept. 3	16.1	Feb. 26, Dec. 24, 25, 28, 29	0.6	Dec. 26	-5.6
Morecambe	July 9	23.3	Aug. 20	16.1	Jan. 1, 2, Dec. 24	-0.6	Jan. 1, 2, Dec. 25, 26	-6.7	Shaftesbury	July 25	23.9	Sept. 3	14.4	Dec. 23, 24	-1.7	Dec. 26	-8.3
Preston (Moor Pk.)	June 8, July 9	22.8	June 18, Aug. 20	15.0	Dec. 4, 23, 24, 25	0.0	Jan. 2	-10.6	Swanage	July 2	22.8	Sept. 3	16.7	Jan. 1	0.6	Dec. 26	-5.6
Bolton	—	—	—	—	—	—	—	—	Poole	July 2	26.1	July 19, Aug. 20	15.6	Jan. 1, Dec. 29	0.0	Dec. 26	-8.9
Darwen	June 8	23.3	Aug. 20	15.0	Jan. 1, Dec. 24, 28	-1.1	Mar. 4, Dec. 24, 25	-7.2	Hartland Pt.	July 9	21.5	Sept. 10	14.8	Feb. 26	0.2	Dec. 24	-3.7
Stonyhurst	June 6, 7	22.8	Aug. 20	15.6	Dec. 23	-1.1	Jan. 2	-10.6	Plymouth (Mt. Batten)	July 25	25.5	July 25	15.9	Dec. 25	-0.2	Mar. 6	-4.7
Helmshore	June 7	21.7	Aug. 20	14.4	Dec. 23	-2.2	Dec. 25	-8.3	Plymouth (The Hoe)	July 25	26.1	July 25	16.1	Dec. 25	0.0	Dec. 26	-5.0
Burnley	June 7	22.2	Aug. 20	15.0	Jan. 1	-1.7	Jan. 2, Mar. 4, Dec. 29	-10.0	Chivenor	July 25	24.9	Sept. 3, 11	15.2	Feb. 26	0.2	Dec. 26	-7.4
Nelson	June 7, 8	22.2	Aug. 20	15.6	Jan. 1	-2.2	Jan. 1, 2	-11.1	Ilfracombe	June 17	22.8	Aug. 11, 20	15.6	Feb. 26, Dec. 23	1.1	Mar. 4	-2.8
Rochdale	June 7	23.3	June 18, Aug. 20	13.9	Jan. 1	-2.8	Jan. 2	-12.2	Totnes	July 25	25.6	Aug. 20	15.6	Dec. 25	-0.6	Mar. 6	-7.8
West Kirby Park	—	—	—	—	—	—	—	—	Slapton	July 2	22.2	June 29, July 25, Aug. 11, Sept. 3	15.0	Dec. 25	0.6	Dec. 26	-3.9
Bidston Obs'y	June 17, July 9	22.2	June 18, July 9	15.0	Dec. 23	-1.1	Dec. 29	-6.7	Newton Abbot	July 25	25.6	Aug. 10, 11, 20, Sept. 12	14.4	Feb. 26	0.6	Dec. 26	-6.1
Northwich (Winnington)	June 8	25.6	Aug. 20	16.7	Jan. 1	-2.8	Jan. 2, Mar. 4	-10.6	Paignton	June 9	23.9	July 19, 25, 26, Aug. 11, 19, 20, Sept. 11, 12	15.0	Dec. 25	0.6	Jan. 1, Dec. 26	-5.0
Knutsford	June 8	25.6	Aug. 20	15.6	Jan. 1	-2.8	Mar. 4	-11.7	Torquay	July 25	24.4	Sept. 3	16.1	Dec. 25	0.0	Dec. 26	-5.0
Manchester Airport	June 8	23.4	Sept. 3	15.3	Jan. 1	-2.7	Dec. 29	-11.4	Teignmouth	July 25	22.8	July 26, Aug. 11, 19, Sept. 12	15.6	Dec. 25	0.6	Dec. 25, 26, 27	-3.9
Macclesfield	June 8	23.9	July 9, Sept. 3	15.6	Jan. 1	-3.9	Mar. 4, Dec. 29	-8.9	Starcross	July 25	22.8	Aug. 11	15.6	Feb. 26, Dec. 25	0.0	Dec. 26	-6.7
7b NORTH WALES									Exeter (Southam)	July 25	25.6	Aug. 11	15.6	Feb. 26	-0.5	Mar. 6, Dec. 25, 26	-6.7
Rhyl	June 6, July 9	22.2	June 18	16.1	Dec. 28	-1.7	Jan. 2	-9.4	Exmouth	July 25	26.1	Aug. 11, Sept. 3	15.0	Dec. 25	-0.6	Dec. 26	-6.1
Prestatyn	June 17, July 9	22.2	June 18	16.7	Dec. 28	-1.1	Dec. 29	-9.4	Exeter	July 25	25.8	July 9	16.4	Dec. 25	-0.4	Dec. 26	-7.6
Hawarden Bridge	June 17	23.9	Aug. 20	16.1	Dec. 28	-1.7	Jan. 2	-12.8	Sidmouth	July 25	24.4	Sept. 3	15.6	Dec. 25	0.0	Dec. 26	-5.6
Holyhead (Valley)	July 9	22.1	Sept. 3	14.7	Dec. 24, 29	1.2	Jan. 2	-8.2	St. Mary's, Scilly	July 2	20.4	Sept. 11	15.3	Dec. 25	1.2	Mar. 5	-2.3
Alwen	June 7, 8	21.1	July 30	13.3	Dec. 28	-5.0	Jan. 3	-16.7	Penzance	June 8, 9, July 25	21.1	July 25, Sept. 11	15.6	Dec. 24, 25	1.7	Jan. 1, Dec. 26	-4.4
Ruthin	June 7	22.2	June 18	15.6	Dec. 28	-1.7	Jan. 2	-12.2	Guilval	June 8, 9, July 25	21.7	Sept. 12	15.6	Feb. 26	1.1	Dec. 25	-4.4
Loggerheads	June 8	21.7	June 18, Aug. 20	14.4	Dec. 28	-2.8	Dec. 29	-15.6	Culdrose	July 25	22.8	Aug. 19, Sept. 11	15.0	Dec. 25	0.0	Dec. 25, 26	-5.0
Bwlchwyn	June 8	21.1	Aug. 20	13.3	Dec. 23, 24, 28	-3.3	Dec. 25	-10.0	Camborne (Rosewarne)	Sept. 2	21.1	Aug. 11, Sept. 11	15.0	Dec. 24, 25	0.6	Dec. 25	-6.7
Wrexham	June 8	23.3	Aug. 20	15.6	Dec. 23, 24	-1.1	Dec. 29	-12.2	Lizard	July 25, 26	20.8	July 31	15.0	Dec. 24, 25	2.3	Dec. 26	-4.0
Bardsey Island	—	—	—	—	—	—	—	—	Falmouth	July 25	23.3	July 25, 26, Aug. 11, Sept. 11, 12	15.0	Dec. 24	1.1	Dec. 25, 26	-4.4
Botwnnog	July 9	21.7	July 9	15.0	Dec. 29, 30	1.1	Jan. 2	-7.8	Newquay	June 7, Aug. 31	21.7	Sept. 11	15.6	Dec. 24	-1.1	Jan. 1, Dec. 24, 25	-5.6
Bryn Adda	June 8	21.7	Sept. 2, 3	14.4	—	—	Dec. 25	-6.7	St. Mawgan	Aug. 31	22.1	Sept. 11	15.2	Dec. 25	-0.6	Dec. 25	-6.7
Cwm Dylli	June 8	22.8	July 2, 9, 19, 30, Sept. 3	14.4	Dec. 29, 30	0.0	Jan. 2, 3	-11.7	St. Austell	July 25	25.6	July 25, Sept. 11, 12	14.4	Dec. 25	0.0	Dec. 25	-5.6
Aber	July 9	21.7	Sept. 2	14.4	Dec. 29, 30	1.1	Dec. 25	-6.1	Fowey	July 25	23.9	July 26, Sept. 3	15.6	Dec. 25	1.1	Dec. 25, 26	-4.4
Llandudno	July 9	22.2	Sept. 3	15.6	Dec. 28	0.0	Jan. 2	-10.6	Bude	July 25	23.9	July 26	15.6	Feb. 26, Dec. 25, 29	0.6	Dec. 26	-8.9
Llyn Stwlan	June 8	17.8	July 9	12.8	—	—	—	—	Ellbridge	July 25	26.7	July 25, Sept. 3	15.0	Dec. 25, 29	0.0	Dec. 26	-6.7
Trawsfydd	—	—	—	—	—	—	—	—	NORTHERN IRELAND								
Blaenau Ffestiniog	June 8	22.8	Aug. 15, 19	13.3	Dec. 29	-1.1	Jan. 1	-6.7	Loughmore Forest	June 7, 8, July 13	22.2	Sept. 1	13.3	Dec. 29	1.1	Jan. 2	-10.6
Corwen	June 7, 8	22.8	June 18	15.0	Jan. 1, Dec. 28	-2.8	Jan. 2	-21.1	Ballykelly	June 7	22.9	Sept. 1	14.7	Dec. 30	1.9	Mar. 4	-7.9
Ceinws	June 8	23.9	Aug. 10	14.4	Jan. 1	-1.1	Jan. 2	-13.3	Derrynoyd Forest	June 7, 8	23.3	July 30	13.3	Dec. 29	1.1		



TABLE V (continued) - WARMEST DAY AND NIGHT AND COLDEST DAY AND NIGHT IN THE YEAR 1962 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			
NORTHERN IRELAND – cont.			°C		°C		°C		°C	CHANNEL ISLES			°C		°C	CHANNAL ISLES			°C		°C	GUERNSEY STATES			°C		°C	GUERNSEY STATES			°C		°C
Knockmany Forest	June 8	23.3	Aug. 31	13.9	Dec. 29	0.6	Jan. 2	-11.1		Sept. 2	25.6	July 25, Aug. 19, Sept. 3	15.6	Dec. 28	0.6	Feb. 26	-2.8																
Lough Navar Forest	June 8	22.2	July 19, 30	13.3	Dec. 29	0.0	Mar. 6	-7.2		July 25	22.2	Sept. 3	15.6	Dec. 25	1.7	Feb. 27	-2.8																
Ely Lodge	June 8	22.8	Aug. 31	13.9	Dec. 29	0.0	Jan. 3, 4	-9.4																									
Pubble Forest	June 8	23.3	Aug. 31	13.9	Dec. 29	0.6	Jan. 3	-10.6		Sept. 2	25.7	July 25	17.2	Dec. 28	0.0	Dec. 25	-4.3																
										Sept. 2	26.7	July 25, Sept. 3	17.2	Feb. 26	1.1	Dec. 26	-3.3																

TABLE VI - MONTHLY FREQUENCIES of sunshine for twenty stations:-  
Number of days in each month of 1962 on which the DURATION OF SUNSHINE was:-  
(i) nil (ii) 3 hrs. or less (iii) more than 3 hrs. but not more than 6 hrs.  
(iv) between 6 and 9 hrs. (v) more than 9 hrs.

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

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

TABLE VII [First published 1914] Number of Days in 1962 with Rainfall between given limits

STATION	0 in.	-0.1 in.	-0.1 in.	-0.1 in.	-0.1 in.	-0.1 in.	-0.1 in.	-0.1 in.	STATION	0 in.	-0.1 in.	-0.1 in.	-0.1 in.	-0.1 in.	-0.1 in.	-0.1 in.	-0.1 in.	-0.1 in.
	0-0.1 mm.	0.1-0.4 in.	0.4-0.8 in.	0.8-1.2 in.	1.2-1.6 in.	1.6-2.0 in.	2.0-2.4 in.	2.4-2.8 in.		0 in.	-0.1 in.	-0.1 in.	-0.1 in.	-0.1 in.	-0.1 in.	-0.1 in.	-0.1 in.	-0.1 in.
Lerwick	116	60	119	43	17	7	1	2	Shoeburyness	238	46	54	18	6	3	0	0	0
Stornoway	116	59	109	47	26	4	2	2	Birmingham	187	61	72	30	9	3	1	2	2
Fort William	141	45	78	44	26	15	8	8	Ross-on-Wye	209	57	64	25	5	1	1	3	3
Nairn	157	89	87	22	7	1	1	1	Kew Observatory	226	37	67	25	3	3	2	2	2
Craibstone	134	92	92	24	5	10	2	6	Hastings	206	60	58	25	8	4	2	2	2
Leuchars	186	68	76	17	10	5	2	1	Southampton	218	42	53	33	12	4	1	2	2
Rothsay	132	57	79	45	27	11	4	10	Moor House	114	66	78	44	27	9	9	18	18
Renfrew	182	36	78	43	13	6	4	3	Stonyhurst	187	37	69	34	21	6	5	6	6
Eskdalemuir	152	45	76	36	27	10	5	14	Bidston Observatory	198	58	81	20	6	2	0	0	0
Douglas	185	50	87	30	18	10	2	3	Holyhead (Valley)	184	63	68	29	13	6	1	1	1
Cockle Park	184	70	77	24	2	3	1	4	Llandrindod Wells	183	40	80	36	13	11	1	1	1
Scarborough	181	74	79	21	4	3	0	3	Bath	196	71	58	23	9	4	2	2	2
Cranwell	216	57	64	19	6	1	1	1	Falmouth	186	47	71	31	13	8	2	7	7
Gorleston	193	58	87	21	4	0	1	1	Aldergrove	178	59	76	36	8	3	4	1	1
Cambridge	228	40	67	22	4	3	1	0	Armagh	165	57	93	34	10	1	3	2	2



TABLE VIII [First published 1913] Number of Days in 1962 with MAXIMUM and MINIMUM temperatures between given limits

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°	15-1° to 20-0°	20-1° to 25-0°	25-1° to 30-0°	Above 30-0°	-15-0° or less
Lerwick	4	72	137	145	7	0	0	0	0	4	49	123	171	18	0					
Stornoway	0	34	128	159	43	1	0	0	0	6	42	123	151	43	0					
Craibstone	3	66	107	127	60	2	0	0	0	7	57	136	147	18	0					
Rothsay	0	42	116	120	84	3	0	0	0	0	34	137	144	50	0					
Renfrew	3	42	91	99	118	12	0	0	0	0	12	39	127	115	72	0				
Eskdalemuir	9	64	104	111	70	7	0	0	5	21	68	142	102	27	0					
Douglas	0	26	133	140	65	1	0	0	0	0	33	118	139	75	0					
Cockle Park	3	57	115	95	90	5	0	0	0	8	64	134	129	30	0					
Gorleston	1	46	110	87	98	23	0	0	0	0	46	102	121	94	2					
Cambridge	6	38	87	86	98	50	0	0	4	24	58	106	115	57	1					

TABLE IX [First published 1914] Distribution of Winds of stated speeds at Anemograph Stations, and Maximum Speeds for the Year 1962

DISTRICT AND STATION		Distribution of Mean Hourly Values of Wind Speed									Mean Hourly Wind Speed	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	Duration	Duration	Duration	Duration		Veer from N.	Speed	Hour ended at		Speed	Day and Time			
			1962	Average										Month	Day		Hour	Month	Day	Hour
		hr.	hr.		hr.	hr.	hr.	hr.	hr.	knots	"	knots	Month	Day	Hour	knots	Month	Day	Hour	
SCOTLAND																				
0	Lerwick	24	94	240	129	919	4159	3022	566	0	12-8	(250 1280	44	January February	11 16	21 01	80	February	16	0315
	Kirkwall (Grimsetter)	16	81	79	139	1049	4196	2877	557	0	13-1	290	48	February	16	02	95	February	16	0815
	Downreay	13	63	—	125	854	4071	3470	236	66	12-7	320	52	February	16	08	82	February	16	1100
	Stornoway (Coastguard)	76	428	220	204	1932	4050	1557	793	0	16-5	210	61	January	21	21	98	February	12	0635
	Duirinish	21	140	—	116	851	3347	3400	1018	4	11-6	260	53	February	11	23	81	February	16	0005
	Benbecula	29	173	145	153	1299	4085	2452	771	0	13-9	280	57	May	16	08	87	May	16	0700
1	Lossiemouth	14	75	—	109	675	3081	3190	1239	500	(11-2)	270	51	February	16	10	84	February	16	0545
	Dyce	4	12	6	63	293	2781	3503	2171	0	8-7	290	41	February	12	11	66	February	12	1045
	Bell Rock Lighthouse	66	418	295	220	2013	4264	1652	413	0	17-3	140	54	September	30	05	74	January	17	1320
	Rannoch	22	110	—	117	709	3320	2909	1424	288	11-2	—	60	February	16	03	92	February	16	0125
	Leuchars	14	58	8	80	503	3261	3995	943	0	10-6	270	46	February	16	04	74	February	12	0405
	Edinburgh	9	33	16	81	451	3406	3254	1337	279	10-5	180	42	December	8	06	71	February	16	1025
6a	Tiree	64	406	115	209	2124	3909	1563	758	0	16-6	290	56	December	15	18	87	February	16	1250
	Millport	14	38	42	97	562	2569	3080	2430	81	9-3	(260 290	43	February	11	18)	(68 77	January	9	0310)
	Paisley	1	1	0-9	27	123	2136	4102	2398	0	7-4	280	34	December	15	24	77	February	16	1015
	Renfrew	8	24	4	58	315	2866	3839	1716	0	9-0	210	41	January	17	11	71	February	16	0635
	Prestwick Airport	5	17	9	65	372	3198	3898	1275	0	9-9	300	44	December	15	24	62	December	8	0550
	Eskdalemuir	6	17	26	58	313	2147	3519	2760	4	7-6	(200 290 180	38	January February December	15 16 8	20 13 08	75	December	15	1840
	West Freugh	13	64	—	101	604	3122	3347	1589	34	10-2	290	55	December	15	22	82	December	15	2055
ENGLAND and WALES																				
6b	Ronaldsway	35	215	—	164	1644	4030	2390	481	0	15-0	280	49	December	15	22	77	December	15	1730
2	Durham	7	25	5	47	273	2725	3359	2337	41	8-6	250	43	February	11	24	74	June	24	1020
	South Shields	6	13	12	66	398	3225	4115	1009	0	10-1	270	40	June	24	08	74	February	16	0515
	Cranwell	5	22	3	72	457	3175	3914	1170	22	10-2	290	42	December	16	04	66	December	15	2105
3	Mildenhall	3	7	3	34	147	2186	4362	2058	0	7-8	300	39	December	16	02	68	December	15	2359
	Cardington	20	106	20	118	893	3833	3045	883	0	12-4	(240 260	51	January February	11 12	13	75	January	11	1215
	Rothamsted	0	0	0	7	20	1518	5099	2104	19	6-5	(240 260	25	January February	11 12	10	54	January	11	0920
	Coryton	0	0	0	18	98	2765	4988	875	34	9-0	(220 290	30	January December	11 15	12	58	January	11	1140
	Shoeburyness	26	113	26	133	1097	4047	3105	390	8	13-3	210	55	January	11	09	75	January	11	0845
4	Sheffield	1	7	—	9	35	1633	4921	2164	0	6-9	280	40	February	16	07	84	February	16	0610
	Birmingham (Edgbaston)	0	0	0-7	20	80	2332	5421	927	0	8-3	260	31	February	16	07	63	January	11	1135
	Keele	0	0	0-1	15	72	1858	4509	2321	0	7-1	300	31	December	16	03	65	December	15	2400
	Avonmouth	15	43	12	111	687	3010	2652	1919	449	10-3	230	45	January	11	09	73	January	11	0940
5	Kingsway	0	0	0	11	48	2381	5369	962	0	8-5	260	31	December	16	01	61	January	11	0930
	London (Heathrow) Airport	3	4	—	45	207	2933	4655	961	0	9-3	200	36	January	11	08	58	January	11	0745
	Hampton	1	3	0	31	147	2545	4109	1956	0	8-1	220	36	January	11	08	65	January	11	1110
	Kew Observatory	1	1	0-1	19	73	2335	4351	2000	0	7-7	200	34	January	11	08	60	December	16	0030
	London (Gatwick) Airport	1	5	—	44	244	2297	3847	2367	0	7-9	230	37	January	11	09	70	January	11	0805
	Isle of Grain	0	0	2	45	319	2226	3054	2797	364	7-7	(240 1080	33	January December	11 30	10) 03)	(59 75)	January	11	0755)
	Dover	3	6	15	76	538	3308	3891	985	32	10-5	(240 230	35	January August	11 7	12) 06)	65	January	11	1145
	Thorney Island	0	0	0-7	38	181	2467	3886	2226	0	8-0	(210 280	32	January December	11 15	08 21	64	January	11	0720
	Calshot	7	17	17	78	440	4276	3539	488	0	11-5	190	38	January	16	04	56	January	11	0540
	S. Farnborough	2	5	4	22	108	1878	4005	2764	0	6-9	250	36	February	12	10	64	January	11	1035
	Abingdon	1	1	0-1	38	174	2886	3289	2410	0	8-2	220	36	January	11	09	62	January	11	0850
	Larkhill	1	5	4	36	217	2176	4161	2201	0	7-9	260	36	January	11	10	66	January	11	0550
	Porton	1	5	2	45	286	2308	3506	2655	0	8-0	210	38	January	11	07	63	January	11	0645
7a	Carlisle	2	3	—	43	254	2572	3741	2190	0	8-2	200	35	January	17	10	59	January February	17 11	1830 0900
	Sellafield	2	8	11	55	261	2843	4379	1205	64	9-3	300	41	December	15	23	59	December	15	2020
	Spadeadam	13	27	—	96	540	3095	3559	1519	20	10-2	(270 290	39	December	15	20)	(64 76	December	15	1855)
	Moor House	36	164	—	171	1421	3387	2183	1496	109	13-1	280	49	February	12	07	76	February	12	0630
	Southport	15	74	83	105	868	3065	3090	1499	164	11-1	290	45	December	15	23	64	December	15	2310
	Liverpool Airport	6	15	22	80	494	3882	3744	625	0	11-2	300	41	December	16	01	76	December	16	0205
	Bidston Observatory	10	49	34	82	633	3064	3443	1293	278	—	300	(48)	December	16	01	(78 63	February December	12 15	0400) 2340)
	Manchester Airport	4	8	9	59	327	2875	3905	1645	0	9-1	290	42	December	16	01	63	December	16	0035
7b	Holyhead (Valley)	20	82	69	120	970	3176	2614	1918	0	11-2	260	43	January	11	10	70	December	9	0305
8a	Aberporth	26	148	34	143	1313	3716	2528	1055	0	13-3	360	47	November	17	17	71	March	7	1930
	Port Talbot	5	15	10	87	568	3614	3316	1247	0	10-7	280	46	January	11	10	72	January	11	0910
	Rhosse	8	25	—	82	598	3230	4291	616	0	10-9	260	43	January	11	10	66	January	11	0740
8b	Plymouth	15	52	44	80	454	3098	3480	1676	0	9-7	—	48	September	29	24	67	September	29	2340
	St. Mary's, Scilly	36	290	133	146	1434	4051	2314	671	0	14-8	250	57	January	11	05	79	January	11	0410
	The Lizard	44	275	194	147	1280	3581	2653	825	146	13-8	240	58	January	11	06	82	January	11	0520
NORTHERN IRELAND																				
9	Ballykelly	9	37	8	82	476	2737	3096	2414	0	8-9	290	46	December	15	21	75	December	15	2010
	Aldergrove	8	27	5	76	505	3436	3498	1294	0	10-4	(220 250 280	38	January June December	17 24 15	07 02 14	63	June	24	0155
	Nutts Corner	—	—	—	—	—	—	—	—	72	—	250	38	December	15	17	62	December	15	1900
	CHANNEL ISLES																			
	Jersey Airport	20	95	74	113	912	4873	2601	279	0	13-7	240	44	January	11	08	70	January	11	0825



TABLE X [First published 1934] Number of Hours in each Month of 1962 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	
0	Lerwick	259	253	77	42	52	29	13	39	38	57	(71)	81	*	70	44	17	0	2	0	0	1	2	6	1	11	154	
	Kirkwall	116	223	67	51	81	30	25	74	53	65	76	103	964	20	61	10	3	9	0	0	3	4	6	0	11	127	
	Dounreay	140	(203)	58	(45)	69	33	21	68	54	(85)	95	130	*	28	(51)	2	(2)	6	1	0	2	8	8	4	20	*	
	Stornoway	314	332	131	82	69	109	26	96	103	218	66	303	1849	107	145	13	7	17	11	0	5	17	57	0	56	435	
	Duirinish	(222)	197	24	41	48	(57)	13	61	37	154	27	112	*	43	68	0	2	27	(13)	0	8	3	16	1	29	*	
1	Benbecula	299	228	40	68	60	145	32	109	73	212	57	238	1561	72	95	2	7	28	10	0	8	13	31	4	50	320	
	Lossiemouth	†	177	63	75	79	66	19	84	38	84	67	93	†	†	56	4	8	30	0	0	15	3	9	4	14	†	
	Dyce	34	60	12	18	57	15	6	17	7	24	3	20	273	1	20	0	2	3	0	0	0	1	0	0	0	27	
	Bell Rock	225	224	46	49	73	96	16	127	51	105	104	147	1263	46	64	3	5	22	4	0	14	12	17	27	24	238	
	Rannoch	(154)	(156)	25	57	65	(39)	22	(102)	25	70	34	95	*	(34)	(69)	0	8	29	(8)	0	15	7	4	11	25	*	
6a	Leuchars	80	126	13	22	40	58	0	66	15	34	10	63	527	8	41	0	5	18	7	0	10	6	0	0	9	104	
	Edinburgh	(190)	113	8	(13)	(28)	(63)	2	81	36	70	25	67	*	(36)	46	0	(0)	(9)	(3)	0	5	7	5	0	17	*	
	Tiree	371	264	136	92	83	119	36	148	122	226	139	373	2109	123	122	14	14	33	21	0	15	24	57	27	112	562	
	Millport	137	(81)	42	33	44	42	17	54	29	38	20	(57)	*	(28)	(28)	0	0	10	7	0	3	1	1	0	13	*	
	Paisley	99	103	10	39	42	53	3	60	24	48	5	65	551	13	36	0	0	11	8	0	3	1	1	0	13	88	
6b	Renfrew	129	106	4	35	35	54	1	50	27	33	1	81	556	21	42	0	1	10	6	0	3	6	0	0	13	102	
	Prestwick	120	104	11	21	45	42	0	22	28	47	6	57	503	*	22	29	0	0	0	0	1	2	0	15	77		
	Eskdalemuir	141	169	14	61	62	93	7	74	35	22	(7)	102	*	29	51	0	1	10	7	0	0	4	2	0	27	131	
	West Freugh	164	(92)	59	29	39	51	10	21	41	62	47	119	*	38	(26)	7	0	3	5	0	0	10	3	0	28	*	
	Point of Ayre	193	168	(42)	4	(38)	34	6	59	38	86	76	177	†	41	23	1	†	1	0	0	2	7	2	6	23	†	
2	Ronaldsway	234	243	77	71	62	90	6	86	61	94	104	222	1350	59	44	18	6	1	5	0	8	12	5	8	65	231	
	Durham	(138)	168	15	40	55	55	24	70	23	39	36	88	*	(21)	43	0	5	10	13	0	3	3	1	2	21	*	
	South Shields	50	111	13	14	29	24	1	26	10	24	(29)	(73)	*	1	31	0	0	1	10	0	0	0	0	(1)	9	*	
	Cranwell	143	151	24	(50)	29	35	13	78	11	7	28	88	*	21	32	0	(0)	0	3	0	0	0	0	0	14	*	
	Gorleston	*	*	1	1	†	†	2	*	21	13	21	(60)	†	*	*	†	†	†	†	†	0	*	1	0	0	10	†
3	Mildenhall	77	86	14	56	14	11	7	31	14	4	3	48	365	10	9	0	0	0	0	0	0	0	0	0	11	30	
	Cardington	201	229	56	142	75	47	19	47	21	8	8	63	916	54	48	1	26	1	4	0	0	0	0	1	13	148	
	Rothamsted	48	51	3	31	1	2	0	14	6	1	6	31	194	1	3	0	0	0	0	0	0	0	0	0	4	8	
	Stanstead Abbots	(33)	35	2	15	(0)	0	0	(4)	4	1	5	5	5	1	0	0	0	0	0	0	0	0	0	0	5	5	
	Coryton	95	120	6	71	17	3	5	55	24	6	12	54	468	16	5	1	0	0	0	0	0	0	0	0	9	31	
4	Shoeburyness	137	268	21	94	40	18	24	100	42	21	59	139	963	28	32	3	19	2	0	0	7	3	1	0	27	122	
	Sheffield	85	116	3	37	21	15	9	21	7	7	19	54	394	5	33	0	0	0	1	0	1	0	0	0	15	55	
	Birmingham	55	67	3	32	4	2	0	13	7	2	1	45	231	6	18	0	0	0	0	0	0	0	0	0	4	28	
	Keele	74	73	19	24	21	22	5	23	(8)	12	15	79	*	11	11	0	0	0	0	0	0	0	1	0	10	33	
	Avonmouth	(92)	(129)	23	93	35	18	2	(28)	33	19	37	(78)	*	30	14	1	2	0	0	0	0	1	0	0	1	75	
5	Kingsway	55	65	6	55	15	10	2	24	15	4	7	51	309	10	3	0	1	0	0	0	0	1	6	3	1	17	75
	London Airport	60	50	5	51	11	1	0	17	13	1	3	48	260	9	6	0	0	0	0	0	0	0	0	0	8	22	
	Hampton	80	112	17	64	19	11	5	24	22	3	11	52	420	11	11	0	6	0	0	0	0	0	0	0	9	37	
	Kew	89	99	9	60	20	7	6	42	20	12	11	48	423	10	3	0	0	0	0	0	0	0	0	0	5	18	
	Gatwick	84	63	7	45	15	3	4	25	23	5	5	334	14	2	0	3	0	0	0	0	1	1	0	0	8	29	
7a	Isle of Grain	(74)	(122)	1	*	8	1	2	(30)	19	1	(2)	(29)	*	(8)	3	0	*	0	0	0	0	0	0	0	(3)	*	
	Dungeness	(104)	(70)	*	*	(20)	1	†	66	50	(17)	45	(109)	*	(12)	(4)	*	*	3	0	†	8	2	0	0	8	*	
	Dover	180	197	12	101	48	4	22	105	49	21	69	(118)	*	25	2	0	3	3	0	0	9	5	1	0	(12)	*	
	Thorney Island	93	68	17	81	24	3	8	29	28	8	26	(53)	*	12	4	0	0	1	0	0	0	0	0	0	9	26	
	Calshot	56	39	27	37	16	2	2	23	29	13	16	50	310	11	0	0	0	1	0	0	0	1	0	0	1	14	
7b	S. Farnborough	77	58	13	56	15	3	0	14	8	5	4	50	303	14	14	0	1	0	0	0	1	0	1	0	5	36	
	Abingdon	74	106	26	69	7	12	5	16	12	5	3	31	366	7	2	0	0	0	0	0	0	0	0	0	1	10	
	Larkhill	97	105	20	74	18	4	0	29	23	16	20	68	474	18	15	0	5	0	0	0	0	2	0	0	10	50	
	Porton	65	66	18	47	18	1	0	28	12	10	9	48	322	15	3	0	1	0	0	0	0	1	0	0	4	24	
	Carlisle	103	70	3	25	36	34	0	14	11	6	7	31	340	11	19	0	2	1	1	0	0	0	0	0	12	46	
8a	Sellafield	40	23	12	3	1	4	0	8	20	19	12	(52)	*	1	1	0	0	0	0	0	0	1	0	0	11	14	
	Spadeadam	116	(137)	21	55	54	72	22	89	27	44	49	88	*	20	(31)	0	0	7	7	0	2	2	1	4	15	*	
	Moor House	228	254	40	(61)	83	118	62	173	82	78	(84)	128	*	51	64	11	2	14	13	1	16	13	3	(0)	34	*	
	Southport	118	102	(15)	44	73	54	24	108	(24)	(56)	38	92	*	19	33	0	2	1	4	0	9	0	2	0	13	83	
	Liverpool A/P	100	104	19	33	28	37	5	44	14	35	29	116	564	11	18	0	0	0	0	0	1	1	0	0	26	57	
8b	Bidston	176	173	52	*	85	65	42	112	44	73	64	(180)	*	38	58	4	*	9	12	0	(12)	3	(20)	3	(31)	*	
	Manchester A/P	79	62	11	18	25	22	2	36	15	11	27	82	390	5	17	0	0	0	0	0	1	3	0	0	21	47	
	Valley	164																										



OCCASIONS OF "STRONG GALES" in 1962  
TABLE XI (continued)—Occasions on which the Maximum Hourly Mean Wind was 41 knots or more.

District and Station	Date	Maximum Hourly Mean wind of 41 Knots or more			Maximum Speed in a gust during the day			Hours for which mean speed exceeded 33 Knots on date in second column	District and Station	Date	Maximum Hourly Mean wind of 41 Knots or more			Maximum 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				
Bell Rock (cont.)	Jan. 11	01	*	kt.	h. m	*	kt.	01, 02, 18, 19	3 Cardington (cont.) Shoeburyness	Dec. 16	04	*	kt.	h. m.	*	kt.	01-05			
	Jan. 12	18	150	42	0025	150	52			17-19	Jan. 11	09	270	43	0350	280		68	06-14	
	Jan. 15	16	330	45	1705	330	66			15-24	Jan. 12	07	210	55	0845	210		75	05-07	
	Jan. 16	19	160	44	1555	170	57				Jan. 15	24	190	44	2325	190		57	21-24	
	Jan. 17	14	180							Jan. 16	03	190	48	0450	190	63		01-07		
	Feb. 11	23	220	53	1320	220	74			05, 06, 11-18	Dec. 16	05	300	42	0450	300		71	01-08	
	Feb. 12	24	250	45	2315	250	60				Jan. 11	09	230	45	0940	260		73	05, 07-12	
	Feb. 15	13	290	47	1035	290	65			01-15	Jan. 15	22	180	41	2110	200		58	18-24	
	Feb. 16	24	260	46	2355	260	64				Sept. 30	01	160	43	0050	180		59	01-03	
	Apr. 1	02	280	52	1145	300	72			04-07, 10-15	Jan. 11	12	250	49	1200	260		68	01-03, 07-14	
	May 16	12	260	43	1155	260	56				Jan. 16	06	210	41	0535	210		50	02-09	
	May 17	12	240	46	1140	240	62			07-24	Aug. 7	06	240	43	0530	240		65	02-07	
	June 24	05	250	41	1115	250	51				Dec. 15	23	300	41	2250	300		59	17, 20-24	
	Aug. 11	19	210	44	0430	210	60			01, 04-08, 11-15	Jan. 11	17	280	41	1340	290		65	14-18	
	Aug. 12	02	220	45	1810	210	65				Feb. 12	07	280	49	0630	280		76	04-15	
	Sept. 29	24	240	44	0030	230	54			01-05	Feb. 15	24	270	47	2245	270		68	14-24	
	Sept. 30	05	140	54	0400	140	71				Feb. 16	06	280	49	0535	290		74	01-17, 23	
	Oct. 27	09	210	42	0955	220	52			05-11, 23, 24	Aug. 24	13	270	43	1140	270		57	10-18	
	Oct. 30	11	240	42	1045	230	53				Dec. 15	20	280	45	2035	270		66	01, 13-24	
	Nov. 17	10	030	42	1205	360	52			08-18, 21-24	Jan. 12	13	260	42	1305	270		62	11-17	
	Nov. 18	07	360	46	0620	360	63				01-13	Aug. 26	24	280	41	2210		280	63	21-24
	Rannoch	Dec. 8	09	180	42	0825	180			54	04-11, 13, 15-17, 23, 24	Dec. 15	23	290	45	2310		300	64	19-24
		Dec. 12	21	300	42	2020	310			56		Dec. 16	01	310	42	0050		310	62	01-06
		Jan. 22	12	270	44	1125	260			70	01, 05-14	Liverpool A/P	Dec. 15	23	300	41		2250	280	73
Feb. 3		16	270	44	1425	270	66	Dec. 16	01	300		41	0205	300	76	01-04				
Feb. 11		24	250	45	2345	250	75	14, 17-24	Bidston	Dec. 15	24	290	46	2340	300	78	12, 13, 15-24			
Feb. 12		03	260	52	0555	260	81		Dec. 16	01	300	(48)	(0002)	(300)	(78)	01				
Feb. 16		03	270	60	0125	270	92	01-12, 16	Manchester A/P	Dec. 16	01	290	42	0035	290	63	01-03			
May 16		16	260	50	1510	260	83		7b Valley	Jan. 11	10	260	43	1025	270	63	04-06, 10-13			
Leuchars		Dec. 15	18	260	53	1625	260	83	13-20	Dec. 8	08	190	42	0645	180	61	03-08			
Jan. 17		14	230	44	1345	230	71	11-16		8a Aberporth	Jan. 11	10	280	42	0345	200	66	04, 05, 08-15		
Edinburgh		Feb. 11	24	250	42	2135	250	62	16-18, 21-24	Feb. 12	12	250	42	1200	250	62	01-16			
		Feb. 12	05	260	43	0405	260	74		Mar. 7	20	130	44	1930	130	71	20-24			
	Feb. 15	24	260	42	2310	250	69	23, 24	Nov. 17	17	360	47	1625	360	60	12-24				
	Feb. 16	04	270	46	0030	250	67		Nov. 18	05	010	43	0440	010	59	01-17				
	May 16	13	240	43	1225	240	65	10-17	Dec. 15	24	310	44	2325	310	61	02, 09-17, 19-24				
	Jan. 15	21	190	41	2040	180	64		Dec. 16	01	310	45	0345	310	63	01-09				
	6a Tiree	Dec. 8	06	180	42	0450	180	64	04-08	Port Talbot	Jan. 11	10	280	46	0910	280	72	05, 08-11		
		Jan. 11	11	300	42	1025	310	61		Rhoose	Jan. 11	10	260	43	0740	260	66	08-11, 13		
		Jan. 15	13	160	46	1235	160	67	10-18	Dec. 29	24	090	41	2340	090	63	23, 24			
		Jan. 16	22	190	44	2120	190	59		Dec. 30	01	090	41	0015	090	59	01-05			
		Jan. 17	01	180	43	0005	190	58	01-04	8b Plymouth	Jan. 8	20	—	42	2000	—	55	17-20		
		Jan. 19	14	280	44	1300	280	64		Jan. 11	06	—	42	0510	—	59	06, 07			
Jan. 21		15	210	42	1250	210	65	06, 07, 11-24	Jan. 15	24	—	42	2345	—	53	16, 17, 19-24				
Jan. 22		06	280	43	0645	280	64		Jan. 16	01	—	45	0035	—	53	01				
Feb. 7		19	360	43	1805	360	59	16-21	Sept. 29	24	—	48	2340	—	67	16-24				
Feb. 12		07	290	44	0740	300	76		01-13	Sept. 30	01	—	46	0010	—	58	01, 02			
6b Point of Ayre		Feb. 16	11	300	50	1250	310	67	01-22	Scilly	Jan. 11	05	250	57	0410	250	79	01-19		
		May 16	08	270	49	0730	270	70		Jan. 12	05	280	45	0150	280	68	02-14			
	June 23	23	170	45	2135	160	66	20-24	Jan. 15	23	200	41	2130	200	67	13-23				
	Sept. 29	22	120	43	2215	120	63		Feb. 12	22	270	41	1615	270	55	03, 05, 08-24				
	Sept. 30	10	180	41	0940	180	58	01, 07-16, 20-23	Feb. 13	03	270	42	0300	280	59	01-06				
	Nov. 5	18	140	42	1620	120	62		Mar. 7	09	120	43	0620	120	73	01-20				
	Dec. 11	24	360	48	2250	360	69	22-24	Apr. 4	21	300	45	2025	300	68	10-24				
	Dec. 12	03	360	43	1455	360	66		01-24	Apr. 5	04	300	44	0245	300	62	01-09			
	Dec. 15	18	290	56	1605	280	85	13-24	Apr. 8	15	290	44	0915	300	61	03-22				
	Dec. 16	01	320	41	0125	320	65		01-10	May 18	24	290	42	2325	290	57	19, 21-24			
	Millport	Feb. 11	18	260	43	1850	260	65	16-22	May 19	02	300	43	0300	290	60	01-06			
	Renfrew	Jan. 17	11	210	41	1015	210	67		10-12	Sept. 29	23	190	42	2245	200	63	14-17, 22, 23		
Prestwick	Dec. 15	24	300	44	2125	280	62	16-24	Nov. 17	16	350	41	1720	360	64	11-22				
West Freugh	Jan. 11	12	300	44	1110	300	66		11-14	Dec. 30	02	100	42	0115	100	69	01-05, 12			
Ronaldsway	Jan. 12	14	310	41	1250	310	67	13, 14	Jan. 8	19	190	42	1850	190	58	15-19, 21-23				
	Dec. 15	22	290	55	2055	290	82		15-24	Jan. 11	06	240	58	0520	240	82	01-14, 16-19			
	Dec. 16	01	320	41	0230	320	65	01-03	Jan. 12	03	240	47	0230	240	66	01-15				
	Dec. 8	07	200	41	0630	200	65		05-07	Jan. 15	24	200	48	2340	200	66	13-24			
	Dec. 15	23	280	47	2350	290	66	17-24	Jan. 16	01	220	41	0005	210	65	01, 19				
	Dec. 16	01	300	47	0100	300	70		01-06, 08	Feb. 12	18	290	43	1805	290	56	04-06, 12-24			
	Jan. 8	18	180	44	1800	180	58	16-19	Feb. 13	03	290	41	0230	290	55	01-04				
	Jan. 12	11	260	44	1010	260	66		05, 09-15	Mar. 7	12	130	53	1240	130	81	01-22			
	Jan. 15	20	190	45	1940	190	64	10-22	Apr. 4	19	290	41	1905	290	58	11, 12, 15-24				
	Jan. 17	07	210	47	0410	210	69		01-12	Apr. 8	15	290	42	1530	300	61	05-17			
	2 Durham	Mar. 7	24	120	43	2335	120	57	16-24	May 18	21	200	42	2020	200	59	17-22, 24			
		Mar. 8	03	120	45	0115	120	60		01-10	May 19	02	280	44	0345	300	59	01-06		
Sept. 29		22	130	43	2215	130	58	19-24	Sept. 29	24	180	49	2330	180	72	15-24				
Oct. 1		03	190	41	0205	180	59		02-05, 07	Dec. 9	08	280	42	0805	280	61	02-09			
Dec. 8		07	200	48	0710	200	71	02-07	Dec. 29	24	090	44	2315	090	67	12, 14-24				
Dec. 15		22	280	49	1730	290	77		16-24	Dec. 30	02	090	45	0010	090	69	01-06			
Dec. 16		02	310	43	0135	310	67	01-05	Dec. 15	21	290	46	2010	290	75	13-23				
Dec. 31		24	100	48	2235	100	63		01-24	Jan. 10	01	260	44	0005	260	68	01, 02			
3 Cardington		Feb. 11	24	250	43	2														



TABLE XII (continued)—Dates on which Gusts of 48 Knots or more occurred in 1962

District and Station	Dates	District and Station	Dates
6a Renfrew	Jan. 7, 9, 11, 15, 17, 19, 21. Feb. 3, 11, 12, 15, 16. Apr. 2. May 16. June 23, 24. Aug. 11. Sept. 9, 30. Dec. 8, 15, 16.	S. Farnborough	Jan. 11, 12, 15, 16, 21. Feb. 12, 16. Apr. 8. Aug. 7. Oct. 30. Dec. 15, 16.
Prestwick	Jan. 9, 11, 15, 17, 19, 22, 31. Feb. 3, 5, 12, 15, 16. May 16. June 24. Sept. 30. Oct. 27, 30. Dec. 8, 9, 15, 16.	Abingdon	Jan. 11, 16. Feb. 12, 16. Dec. 15.
Eskdalemuir	Jan. 11, 12, 15, 17, 19, 21, 22, 26, 31. Feb. 3, 6, 10-12, 15, 16. Apr. 1. May 16, 17. June 23, 24. Sept. 9, 30. Oct. 1, 27. Dec. 8, 9, 14-16.	Larkhill	Jan. 11, 12, 15, 16. Feb. 12, 16. Apr. 2, 3, 8. Sept. 30. Dec. 8, 9, 15, 16.
West Freugh	Jan. 8, 9, 11-13, 15, 17, 21, 22. Feb. 1, 3, 5, 11-13, 15, 16. Mar. 7, 8. May 16. June 18, 24. Sept. 29, 30. Oct. 1, 28. Dec. 8, 9, 12, 15, 16.	Porton	Jan. 11, 12, 15, 16. Feb. 12, 16. Apr. 3. Sept. 30. Dec. 15, 16.
6b Point of Ayre	Jan. 8, 11-13, 15, 17, 21, 22. Feb. 3, 11-13, 16, 17. Mar. 7. May 16. Aug. 26, 27. Sept. 29, 30. Oct. 28. Nov. 14, 17, 18. Dec. 8, 9, 13, 15, 16.	Carlisle	Jan. 11, 12, 17. Feb. 11, 12, 15, 16. Apr. 2. May 16. June 24. Dec. 8, 15, 16.
Ronaldsway	Jan. 8, 9, 11-13, 15-17, 21, 22, 31. Feb. 3, 6, 7, 11-13, 16, 25-27. Mar. 7, 8, 25. Apr. 2, 17. May 16. June 18, 23, 24. Aug. 26, 27. Sept. 9, 29, 30. Oct. 1, 28. Nov. 1, 5, 17, 18. Dec. 7-9, 15, 16, 30, 31.	Sellafield	Jan. 8. Feb. 16. Sept. 30. Dec. 15, 16, 31.
2 Durham	Jan. 11, 12, 15, 17, 19, 21-23. Feb. 4, 6, 11, 12, 15, 16, 27. Apr. 1. May 16, 17, 23, June 19, 24. Aug. 22, 24, 27. Sept. 9, 30. Oct. 30. Nov. 18. Dec. 8, 9, 14-16.	Spadeadam	Jan. 8, 9, 11, 15, 17, 22. Feb. 3, 8, 11, 12, 15, 16. May 16, 17. June 19, 24. Aug. 11. Sept. 30. Oct. 1. Nov. 17, 18. Dec. 8, 15, 16, 31.
South Shields	Jan. 11. Feb. 8, 11, 12, 15, 16. May 16. June 24. Nov. 18. Dec. 13, 15, 16.	Moor House	Jan. 8, 10-12, 15-17, 19, 22, 26, 31. Feb. 3, 5, 6, 9-12, 15, 16. Mar. 7, 8, 25. Apr. 1, 11. May 16, 17, 22. June 14, 19, 21-24. July 2. Aug. 4, 10, 22, 24. Sept. 9, 29, 30. Oct. 1, 27. Dec. 8, 9, 14-16.
3 Cranwell	Jan. 8, 11, 12, 14-16, 22. Feb. 11-13, 16. June 24. Dec. 8, 9, 15, 16.	Southport	Jan. 11-13, 17, 22. Feb. 11, 12, 16. Apr. 1. May 16. June 24. Aug. 3, 26, 27. Oct. 27, 28. Dec. 9, 15, 16.
Gorleston	Anemograph dismantled for re-erection, Jan.-July. Aug. Defective record. Sept. 30. Dec. 15, 16.	Liverpool A/P	Jan. 8, 11-13, 15, 17. Feb. 12, 13, 16. Aug. 26. Sept. 30. Dec. 8, 9, 15, 16.
Mildenhall	Jan. 8, 11, 16. Feb. 11, 12, 16. Dec. 9, 15, 16.	Bidston	Jan. 11-14, 17, 22, 23. Feb. 1, 3, 11-13, 15-17. Mar. 7, 8. Apr. 1, 2, 7. May 16, 23. June 21, 24. Aug. 3, 22, 24, 26, 27. Sept. 29, 30. Oct. 27, 28, 30, 31. Nov. 14, 18. Dec. 8, 9, 14-16.
Cardington	Jan. 8, 10-12, 15-17, 21, 22, 24. Feb. 4, 5, 11-13, 16, 17, 25. Mar. 31. Apr. 1-3, 5, 8, 15. May 19. June 19. Nov. 18. Dec. 9, 15, 16.	Manchester A/P	Jan. 11, 12, 14. Feb. 11, 12, 16. Aug. 24. Sept. 30. Dec. 15, 16, 30, 31.
Rothamsted	Jan. 11. Feb. 12. Dec. 15, 16.	7b Valley	Jan. 8-12, 15-17. Feb. 6, 12. Mar. 25. Apr. 2. Aug. 26. Sept. 29, 30. Oct. 1, 28. Nov. 5, 17, 18. Dec. 8, 9, 15, 16, 30, 31.
Stanstead Abbots	Jan. 11. Feb. 12. Ceased 31.10.62.	8a Aberporth	Jan. 10-12, 15-17, 22, 24. Feb. 4, 5, 7, 8, 11-13, 16. Mar. 7, 8, 28. Apr. 1, 2, 4, 5, 7, 8. May 19. June 18, 19. Aug. 23. Sept. 12, 29. Oct. 1, 26, 30. Nov. 2, 17-19. Dec. 8, 9, 12, 13, 15, 16, 18, 30, 31.
Coryton	Jan. 11, 12, 15, 16. Feb. 12, 13. Mar. 26. Dec. 15, 16.	Milford Haven	Jan. 8, 11, 12, 15-17, 22, 31. Feb. 7, 8, 12, 13, 16. Mar. 7, 8. Apr. 2, 4, 5, 8. Sept. 12, 29, 30. Nov. 17, 18. Dec. 8, 9.
Shoeburyness	Jan. 8, 11, 12, 15, 16. Feb. 11-14, 16, 25. Mar. 7, 8, 31. Apr. 2, 3, 15. May 19. Aug. 7, 26. Sept. 12, 30. Oct. 30. Dec. 15, 16, 29, 30.	Port Talbot	Jan. 11, 12, 15, Feb. 12, 16, 27. Mar. 7, 8. Apr. 5, 8. Sept. 12, 29. Nov. 2, 17, 18. Dec. 9, 15, 16, 29, 30.
4 Sheffield	Jan. 11, 13. Feb. 3, 12, 13, 15, 16. June 24. Aug. 27. Dec. 8, 14-16.	Rhoose	Jan. 11, 12. Feb. 12. Apr. 4, 5, 8. May 19. Sept. 12, 29. Nov. 18. Dec. 9, 15, 16, 29, 30.
Birmingham	Jan. 11, 15, 16. Feb. 12, 16. Dec. 15, 16.	8b Plymouth	Jan. 8, 11, 12, 16. Feb. 12. Mar. 7. Apr. 5. May 18. Sept. 29, 30. Oct. 1. Nov. 2, 5, 17. Dec. 15, 29, 30.
Keele	Jan. 11, 12, 15-17. Feb. 12, 16. Sept. 30. Dec. 15, 16, 31.	Scilly	Jan. 8-13, 15, 16, 21-24. Feb. 7, 8, 12-14, 16, 23, 26, 27. Mar. 6, 7. Apr. 2-5, 8, 9. May 18, 19. Sept. 11, 12, 29, 30. Oct. 30. 31. Nov. 2, 5, 17, 18. Dec. 8, 9, 12, 13, 15, 16, 29, 30.
Avonmouth	Jan. 8, 10-12, 15, 16. Feb. 7, 12, 16. Mar. 31. Apr. 8. Aug. 26. Sept. 12, 29, 30. Oct. 1, 27. Nov. 18. Dec. 8, 9, 15, 16.	Lizard	Jan. 8-13, 15-17, 19, 21-25. Feb. 7, 8, 12, 13, 16, 22-24, 27. Mar. 7. Apr. 2-5, 8, 9. May 18, 19. Sept. 12, 29, 30. Oct. 1, 30. Nov. 2, 4, 5, 17, 18. Dec. 8-10, 12, 15, 16, 29-31.
5 Kingsway	Jan. 11, 12, 15. Feb. 12, 16. Apr. 2. Dec. 9, 15, 16.	9 Ballykelly	Jan. 11, 13, 15, 17, 19, 21, 22, 31. Feb. 1, 3, 10-12, 15, 16, 26. Mar. 7. May 16, 17, 22. June 18, 23, 24. Aug. 11. Sept. 29, 30. Oct. 28, 30, 31. Nov. 5, 18. Dec. 12, 13, 15, 16.
London-Airport	Jan. 11, 12, 21. Feb. 12. Dec. 15, 16.	Aldergrove	Jan. 10, 11, 15, 17, 21, 22. Feb. 3, 4, 7, 11-13, 15, 16, 26. Apr. 17. May 16. June 18, 19, 23, 24. Aug. 11. Sept. 29. Oct. 28. Nov. 5. Dec. 8, 12, 15, 16, 31.
Hampton	Jan. 11, 12, 16. Feb. 12, 16. Apr. 2, 3. Dec. 15, 16.	Nutts Corner	Jan. 11, 15, 17, 21. Feb. 8, 12, 13, 16. May 16. Sept. 29. Nov. 5. Dec. 8, 15, 16, 31.
Kew	Jan. 11, 15, 16. Feb. 12, 16. Dec. 15, 16.	Jersey	Jan. 9-13, 16, 21, 22. Feb. 12, 13, 16. Mar. 7. Apr. 4, 5, 8. May 19. Sept. 29, 30. Oct. 30. Nov. 17, 18. Dec. 9, 15, 16, 18.
Isle of Grain	Jan. 11, 12, 15, 16, 21. Feb. 12. Apr. 2, 3. Aug. 7. Sept. 12. Dec. 15, 16, 29.		
Dungeness	Jan. 11, 12, 16. Feb. 12. Defective record, Mar.-Apr. May 19. Defective record, July. Aug. 7, 23. Sept. 12. Dec. 9, 15, 16.		
Dover	Jan. 11, 12, 15, 16, 21, 22. Feb. 12, 13. Apr. 2, 3. May 19. Aug. 6, 7, 23, 26. Sept. 12, 30. Oct. 30. Dec. 15, 16.		
Thorney Island	Jan. 11, 12, 16, 22. Feb. 12. May 19. Dec. 15, 16.		
Calshot	Jan. 11, 12, 16. May 19. Sept. 30. Dec. 15.		

TABLE XIII—SOLAR RADIATION AND INTENSITY OF DAYLIGHT, FOR THE YEAR 1962

STATION	TOTAL RADIATION ON A HORIZONTAL SURFACE						DIFFUSE RADIATION ON A HORIZONTAL SURFACE						INTEGRATED ILLUMINATION OF A HORIZONTAL SURFACE					
	Absolute Max.	Date	Absolute Min.	Date	Daily Mean	No. of Days	Absolute Max.	Date	Absolute Min.	Date	Daily Mean	No. of Days	Absolute Max.	Date	Absolute Min.	Date	Daily Mean	No. of days
Lerwick	773	4th June	1	20th Dec.	213.6	365	443	3rd June	1	20th Dec.	140.1	365	853	25th July	1	20th Dec.	247.9	365
Eskdalemuir	859	5th June	4	5th Jan.	238.4	365	382	29th May	4	5th Jan.	145.5	365	898	5th June	6	5th Jan.	260.5	363
Cambridge	812	8th June	10	31st Dec.	254.9	365	406	27th July	10	31st Dec.	152.5	365	—	—	—	—	—	—
Kingsway	844	24th June	8	10th Nov./31st Dec.	246.7	364	395	13th June	8	10th Nov./31st Dec.	146.3	337	949	24th June	10	10th Nov.	267.8	363
Kew	806	14th June	5	10th Nov.	251.6	365	383	13th June	4	10th Nov.	145.1	364	913	14th June	7	10th Nov.	281.6	364
Aberporth	845	2nd June	8	17th Nov.	289.8	365	441	10th June	8	17th Nov.	163.4	365	—	—	—	—	—	—

Explanatory notes on the tables are given in the Introduction.

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