

METEOROLOGICAL OFFICE
AIR MINISTRY

THE
MONTHLY
WEATHER REPORT
1961

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THE MONTHLY WEATHER REPORT, 1961

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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 for Districts of the temperature of the air, 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 movements and changes in pressure of depression centres.

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

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

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 the records of extreme and mean air temperature and of 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, 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

The majority of records used in the preparation of this Table are made by pressure-tube anemographs, but at certain stations new 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 meaned 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 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.

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 civil day, midnight to midnight.

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, and a 'ground frost' when the reading of a 'grass minimum' thermometer set the previous evening and read at 9 h. G.M.T. is 0°C. or less.

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.²). The corrections for gravity, temperature and height have been applied to the barometer readings so as to obtain pressure at mean sea level.

Humidity.—The values 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 1940. 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, or 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.—The estimates of wind force refer to the Beaufort scale, and to wind experienced at the time of observation. At stations where there are anemographs the mean speed over the 10 minutes ending at the hour is corrected to a height of 33 feet.

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.

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 26 to October 29; 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

The mean temperature of the seas round the British Isles for the months of the year 1961 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 1961

Some additional records for 1961 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 and 1960 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, 1961

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:

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		Bolton	- 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
							Wrexham	- E1 E4 -
1	Craibstone ..	TR - - S	4	Birmingham ..	TR - - S			
	Dundee	TR - - S		Bradford	TR E1 E4 -		Bath	TR E1 E4 S
	Edinburgh ..	TR - - S		Buxton	- E1 E4 -	8	Cardiff	TR E1 E4 S
	Marchmont ..	TR - - S		Huddersfield ..	- - - - S		Falmouth ..	TR - - S
	Nairn	TR - - S		Nottingham ..	TR - - S		Ilfracombe ..	- E1 E4 -
				Oxford	TR E1 E4 S		Plymouth ..	- E1 E4 -
6	Dumfries	TR E1 E4 S		Raunds	- E1 E4 -		Llandrindod Wells	TR - - S
	Eskdalemuir ..	TR - - S		Ross-on-Wye ..	TR E1 E4 S		Swansea	- E1 E4 -
	Kilmarnock ..	- E1 E4 -	5	East Malling ..	TR - - S		Teignmouth ..	TR - - S
	Paisley	- E1 E4 -		Hastings	TR E1 E4 S			
	Renfrew	TR - - S		Kew Observatory	TR E1 E4 S		NORTHERN IRELAND	
	Rothsay	TR - - S		Margate	- E1 E4 -		Aldergrove ..	TR - - S
	Stirling	- E1 E4 -		Porton	TR - - S		Armagh	TR - - S
	Tiree	TR - - S		Southampton ..	TR - - S		Ballykelly ..	TR - - S
				Wisley	- E1 E4 -		Garvagh	TR - - S
2	Cockle Park ..	TR - - S					Hillsborough ..	- - - - S
	Cranwell	TR - - S						
	Durham	TR E1 E4 S						
	Hull	- E1 E4 -						
	Scarborough ..	TR - - S						
	York	TR E1 E4 S						

MONTHLY WEATHER REPORT ANNUAL SUMMARY—CORRECTIONS TO TEXT

Preamble to the percentage tables of Precipitation and Sunshine for England and Wales, Scotland and Northern Ireland in the Annual Summaries 1959 (pages 197 and 198) and 1960 (page 197) should in each case read 'expressed as a percentage of the period 1921-50' (or 1916-50 as the case may be), not just for the period.

MONTHLY WEATHER REPORT, 1961

Throwley—Observations from this station must be used with caution as they are sometimes taken at non-standard hours.

Hoddesdon—Monthly rainfall readings from this station should be used with caution owing to the use of a non-standard rain gauge funnel.

MONTHLY WEATHER REPORT, 1961, TABLE II

Kingsway—Anemometer heights from September 1959 should read, above mean sea level 208 ft., above ground 143 ft., effective height 41 ft.

Gorleston—Anemometer heights from October 1959 should read, above mean sea level 45 ft., above ground 33 ft., effective height 33 ft.

MONTHLY WEATHER REPORT, 1961—LERWICK OBSERVATORY

From August 1, 1961, the published wind records have been obtained from a cup generator anemometer with cups at about 30 ft. above the ground. Records obtained from this instrument and the Dines P.T. anemograph previously used are now being compared.

ANNUAL SUMMARY, 1960—LERWICK OBSERVATORY

In Table XIII under the heading ' Diffuse radiation ', the absolute maximum should read 414 and the daily mean 137.1.

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					
1961		°C.	°C.	°C.	°C.	°C.	°C.	°C.	%		%
January ..	8. England, S.W. (and S. Wales)							-0.8			
February ..	1. Scotland, E.				+1.8	+2.1					
March ..	1. Scotland, E.				+2.9	+3.2					
April ..	1. Scotland, E.				+1.3	+1.1					
May ..	1. Scotland, E.				+0.4						
" ..	2. England, N.E.										
" ..	4. Midland Cnties.				+0.1						
" ..	7. England, N.W. (and N. Wales)						+0.3	+0.9			105
June ..	1. Scotland, E.				+0.6	+0.4					
" ..	7. England, N.W. (and N. Wales)									-4	
November	7. England, N.W. (and N. Wales)						+0.5	+0.6			

MONTHLY WEATHER REPORT, 1958-1960—TABLE XIII—ADDITIONS AND CORRECTIONS

Month	Station	Total Radiation on a Horizontal Surface mw. hr./cm. ²						Diffuse Radiation on a Horizontal Surface mw. hr./cm. ²						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
1960 December ..	Eskdalemuir ..	85	7	11	16	47.0	31	47	8	11	16	29.9	29	82	7	12	16	41.6	26
1959 March ..	Cambridge ..	427		39		192.5													
April ..	" ..	662		71		343.1													
May ..	" ..	768		97		474.2								Total Radiation on a Horizontal Surface mw. hr./cm. ²					
June ..	" ..	807		268		546.2								Max.	Date	Min.	Date	Daily Mean	No. of days
July ..	" ..	746		281		523.6													
August ..	" ..	623		137		416.8													
September ..	" ..	493		170		314.8													
October ..	" ..	336		50		200.0													
November ..	" ..	180		27		80.9													
December ..	" ..	105		11		42.3													
Annual ..	" ..	807		11		277.5													
1960 January ..	" ..	142		12		61.9													
February ..	" ..	365		32		164.8													
March ..	" ..	243		17		122.8													
April ..	" ..	623		145		354.8													
May ..	" ..	787		70		448.3													
June ..	" ..	773		102		544.4													
Annual ..	" ..	787		7		257.4													

MONTHLY WEATHER REPORT, 1961—CHANGE OF UNITS

From January 1961 all temperatures and departures from average temperature are given in degrees Celsius. A conversion scale is printed in each monthly issue and a detailed conversion table from °C. to °F. was published on page x of the Introduction to the 1960 volume.

MONTHLY WEATHER REPORT, 1961—LIST OF STATIONS

The following changes should be made in the list published in the Introduction to the 1958 volume, as amended by the changes listed on page x of the Introduction to the 1959 volume, and page xi of the Introduction to the 1960 volume.

(1) Additions and alterations.

Station	County	Lat.	Long.	Authority
<i>Amersham</i>	Buckinghamshire ..	51 22N	01 09W	U.K. Atomic Energy Authority.
<i>Ballingry</i>	Fife	56 10N	03 19W	Headmaster, Ballingry Secondary School.
<i>Ballypatrick Forest</i>	Antrim	55 10N	06 09W	N.I. Ministry of Agriculture.
<i>Baronscourt Forest</i>	Tyrone	54 41N	07 27W	
<i>Bedford</i>	Bedford	52 09N	00 29W	North Beds. Water Board.
<i>Bugbrooke Mills</i>	Northants	52 13N	01 00W	Heygates Ltd.
<i>Carmarthen</i>	Carmarthen	51 51N	04 18W	Principal, Pibwrlwyd Rural Tech. College.
<i>Ceinws</i>	Montgomery	52 38N	03 50W	Forestry Commission.
<i>Chiseldon</i>	Wiltshire	51 31N	01 42W	N. Brooks, Esq.
<i>Corbridge</i>	Northumberland	54 53N	02 01W	Headmaster, Corbridge County Sec. School.
<i>Costa</i>	Orkney	59 08N	03 09W	J. Will, Esq.
<i>Cumbernauld</i>	Dunbarton	55 58N	03 58W	Chief Architect and Planning Officer.
<i>Derrynoyd Forest</i>	Londonderry	54 47N	06 48W	N.I. Ministry of Agriculture.
<i>Divis Mountain</i>	Antrim	54 36N	06 00W	Queen's University (Geog. Dept.).
<i>Dunblane</i>	Perth	56 11N	03 58W	Borough Surveyor.
<i>Earls Hill</i>	Stirling	54 04N	04 03W	Decca Ltd.
<i>Ely Lodge</i>		54 24N	07 42W	
<i>Fylingdales Moor</i>	Yorks. E.R.	54 22N	00 39E	Chief Resident Engineer.
<i>Garvagh Forest</i>	Londonderry	54 58N	06 41W	N.I. Ministry of Agriculture.
<i>Goudhurst</i>		51 04N	00 27E	
<i>Grendon Underwood</i>	Buckinghamshire	51 54N	01 01W	Director, D.S.I.R., Wallingford.
<i>Hamnavoe</i>	Zetland	60 06N	01 20W	Headmaster, Junior Secondary School.
<i>Haslemere (Marley House)</i>	Sussex	51 02N	00 47W	C. Bourne, Esq.
<i>Helen's Bay</i>	Down	54 40N	05 45W	T. D. Boyd, Esq.
<i>Houghall</i>		54 46N	01 34W	
<i>Knockmarny Forest</i>	Tyrone	54 26N	07 10W	N.I. Ministry of Agriculture.
<i>Largs</i>		55 48N	04 53W	
<i>Larne</i>	Antrim	54 51N	05 50W	Headmaster, Larne Grammar School.
<i>Lochinver</i>	Sutherland	58 08N	05 16W	C. McLaren, Esq.
<i>Loughermore</i>	Londonderry	54 57N	07 05W	N.I. Ministry of Agriculture.
<i>Lough Navar Forest</i>	Fermanagh	54 26N	07 54W	" " "
<i>Manston</i>	Kent	51 21N	01 21E	Meteorological Office.
<i>Medmenham</i>	Buckinghamshire	51 33N	00 50W	Water Research Association.
<i>Mertoun</i>	Berwick	55 35N	02 34W	Lord Ellesmere.
<i>Newry</i>	Down	54 10N	06 20W	Christian Brothers, Newry Abbey.
<i>North Hessary Tor</i>	Devon	50 33N	04 00W	British Broadcasting Corporation.
<i>Poolewe</i>	Ross	57 47N	05 36W	National Trust for Scotland.
<i>Pubble Forest</i>	Fermanagh	54 21N	07 28W	N.I. Ministry of Agriculture.
<i>Reagh Island</i>	Down	54 31N	05 38W	T. D. Boyd, Esq.
<i>Somerset Forest</i>	Londonderry	55 06N	06 41W	N.I. Ministry of Agriculture.
<i>Stenness</i>	Orkney	58 59N	03 13W	P. Leith, Esq.
<i>Strachan (Moss-side)</i>	Kincardine	57 01N	02 30W	Nature Conservancy.
<i>Threave</i>	Kirkcudbright	54 56N	03 57W	Supt., School of Practical Gardening.
<i>Tobermory</i>	Argyll	56 37N	06 03W	Lt.-Col. C. P. Anderson.
<i>Wincanton</i>	Somerset	51 04N	02 25W	Headmaster, King Arthur's Secondary School.
<i>Whitby (Coastguard)</i>	Yorks. N.R.	54 29N	00 36W	Ministry of Transport.

(2) Deletions.

Bingley, Colmonell, Dalwhinnie, *Dolgarrog*, *Dundonald*, Felixstowe, Glenlivet, Goldington, *Great Bookham*, *Hawes*, *Keswick*, Killinghall, Langar, Lochranza, Midcalder, Ringwood, Ruscombe, *Ruthwell*, *St. Asaph*, Southampton (Eastleigh), Tarfside, Walton-on-Naze, Wellingborough, Wheaton Aston, Wirksworth, Wokingham.

(3) Stations, not published in 1960, which were published in 1961.

Achnagoican, Ballyhalbert, Balmacara, Bardsey Is. Lighthouse, Belper, Benenden, Benmore Y.B.G., Bessbrook, Blairgowrie, Botwnnog, Bwlchgwyn, Callander, Campbeltown, Carlisle, Culdrose, Dunfermline (Pitreavie), Dunning, Earls Colne, Eglinton, Gainsborough, Garve (Blackbridge), Grizedale, Holywood, Letcombe Regis, Lossiemouth, Mackworth, Manchester Weather Centre, Manston, Oban, Parkmore Forest, Rustington, St. Andrews, Slapton, Tarfside, Tollymore Park, Wallingford.

(4) Stations published in 1960, which were not published in 1961.

Allendale Town, Bayfordbury, Blackbushe, Dunoon Waterworks, Dunstable, Fernhurst, Hankham, Hawes, Kete, Loch Shiel, Ruthwell, Saffron Walden, St. Asaph, Silloth, Stevenage, Walton-on-Naze, West Mallings.

DUPLICATE

Monthly Weather Report

OF THE METEOROLOGICAL OFFICE

M.O. 672X 701

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



3 8078 0006 6306 4

Volume 78 Number 1

Published by HER MAJESTY'S STATIONERY OFFICE

"Adoption of Celsius Temperature Scale"

All temperatures in this and subsequent reports will be given in the Celsius (Centigrade) scale. A conversion scale will be found at the end of Table III.

January 1961 — *Changeable and rather cold*

Weather during the month was mainly cyclonic, with troughs or depressions moving eastwards over or near the British Isles, except from about 17th to 25th when a large blocking anticyclone was centred over Northern Europe and the boundary between maritime and continental air lay across the British Isles.

The first two weeks were generally unsettled and wet. On the 1st and 2nd a complex depression moved south-east across Scotland and northern England to the North Sea accompanied by widespread and locally heavy rain. Two days of squally wintry showers and northerly winds followed, but on the 5th another depression moved south-east across northern and eastern districts bringing a renewal of widespread and at times heavy rain with scattered thunderstorms. On the 6th, winds veered to north again as the depression moved away towards Germany and there were bright periods and occasional showers in most districts during the day, but that night, with decreasing wind there was widespread frost; grass minimum temperature fell to -8°C or below at a number of places. A trough of low pressure moving eastwards from the Atlantic gave another day of general rain on the 7th with snow at first in the north; then after a day of showers, another wet day followed on the 9th when there was prolonged rain over much of England and Wales associated with the southward movement of a trough of low pressure from Scotland to France. Cold north-easterly winds accompanied by occasional rain or showers spread over the British Isles behind the trough, but the wind soon moderated as a ridge of high pressure from the Atlantic moved eastward across the country giving a generally fine day on the 11th. Frost was widespread that night and there were some fog patches. Further rain on the 12th and 13th, which was unusually heavy locally in North Wales and north-west England, was associated with a cold front moving slowly south-east across the country; on the 12th over three inches of rain fell in parts of Merionethshire in twenty-four hours.

An anticyclone from the Atlantic became centred over Britain on the 14th giving a generally fine sunny day but in some industrial areas overnight fog failed to clear and temperatures remained around freezing even during the afternoon. Very high pressure built up over northern Europe during the next few days forming a large anticyclone which blocked the eastward progress of troughs from the Atlantic. For most of the remainder of the month the British Isles was in a marginal area between cold dry air from the continent and mild moist air from the Atlantic.

Winds were generally from between east and south-east from 15th to 18th and weather mainly dry but cloudy during the daytime after the dispersal of early morning fog.

These easterly winds were interrupted, however, for two or three days when, on the 19th, a trough of low pressure from the Atlantic brought rain to most districts. The rain was mostly slight although there were heavier outbreaks in thunderstorms near the south coast. The 20th and 21st were also mild and rather wet with troughs from the Atlantic moving east across the country.

Easterly winds and generally dry cold weather were re-established over most of the country on the 22nd except in the south-west of England where the dull wet weather persisted for several days.

There was a complete change in the weather on the 27th. An intense depression from mid-Atlantic brought widespread rain and gales as the anticyclone over Scandinavia moved away eastwards. Winds exceeded 90 kt in gusts at a number of places in northern Scotland. This was the beginning of an exceptionally wet and stormy period which lasted until the end of the month. Troughs from the Atlantic gave some unusually heavy rain in parts of southern England but weather was generally mild and there were sunny periods between the rain-belts.

Pressure and Wind — Except in the north of Scotland mean pressure was below the average almost everywhere, the deviation at 9h ranging from $+1.6\text{mb}$ at Lerwick to -4.2mb at Scilly. Apart from outbreaks

of northerly winds on the 3rd, 4th, 6th and 10th, winds were mainly south-westerly until the 12th, becoming light and variable on the 13th and 14th and then between south and south-east until the 26th when they became south-westerly again until the end of the month. Wind reached gale force in Scotland on seventeen days and on the 1st-6th, 12th, 15th, 17th, 18th and 24th-31st (eighteen days) in England and Wales. The last week of the month was very stormy. On the 26th, 27th and 28th there were eleven, nineteen and four hours respectively with gusts exceeding 48 kt at Lerwick; a gust reached 95 kt on the 27th, the highest speed ever recorded there, during a severe gale which did considerable structural damage. On the same day gusts of 93 kt and 90 kt were recorded at Stornoway and Kirkwall respectively.

Temperature — Mean temperature was below the 1921-50 average, the deficit being 0.3°C in England and Wales, 0.6°C in Scotland and 0.9°C in Northern Ireland. The warmest days were around the 11th and 12th and again around the 27th; on the latter date temperature exceeded 12°C at a number of places in Inverness-shire and adjacent counties.

Extremes included: (England and Wales) 13.9°C at Colwyn Bay and Askham Bryan on the 29th, -9.4°C at Moor House on the 7th and at Alwen on the 26th; (Scotland) 13.9°C at Lossiemouth on the 27th, -12.2°C at Grantown-on-Spy on the 16th; (Northern Ireland) 12.2°C at Ballykelly on the 27th and at Eglinton and Loughall on the 26th and 27th, -8.3°C at Armagh on 15th.

Precipitation — The general precipitation expressed as a percentage of the 1916-50 average was 127 in England and Wales, where it was the seventh consecutive month with rainfall above the average, 85 in Scotland and 99 in Northern Ireland. Less than half the average occurred in north-west Scotland but more than 150 per cent of the average was recorded on the coasts of Devon and Cornwall, in south Kent and Sussex, north Norfolk, the Wirral peninsula, the Cheshire plain, the eastern Pennines and the Vale of York.

Falls exceeded one inch in twenty-four hours in Northern Ireland on the 2nd, in western Scotland on the 11th and 26th, in North Wales on the 12th and in south-west England on the 24th and 29th.

Snow was widespread in Scotland during the first week of the month and lay several inches deep in places on the 2nd-5th. It was fairly widespread in northern and central England during the first and last ten days of the month. At Malham Tarn snow lay 2-4 inches deep on the 3rd-8th and 21st-27th while at Moor House, where most of the precipitation fell as snow, it lay 12-16 inches deep on the 3rd-12th and there were drifts of more than three feet deep. In southern England snow or sleet was fairly widespread around the 3rd and 25th, and snow lay locally to a depth of 2-3 inches.

Thunder was heard locally in Scotland on the 6th-9th and 27th-28th. In England and Wales thunderstorms were fairly widespread on the 5th and 31st and thunder also occurred on the 1st-4th, 8th, 9th, 28th and 29th.

Sunshine — The general sunshine expressed as a percentage of the 1921-50 average was 90 in England and Wales, 118 in Scotland and 132 in Northern Ireland. In Scotland, sunshine was above the average in the north and west but below in the east; it was 190 per cent of the average at Stornoway and Tiree. In England and Wales sunshine was generally above the average north of a line from the Mersey to the Humber, but below the average south of this line.

Fog — In Scotland, fog occurred locally on most mornings during the first two weeks of the month and was widespread on the 22nd-25th. In England and Wales there was early morning fog at one place or another on the 1st, 3rd, 5th, 7th-25th, 27th, 28th and 30th (twenty-seven days).

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

MWR dup

TABLE I—DISTRICT VALUES— JANUARY 1961 (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.	13.3	-11.1	-0.6	-0.4	-0.5	—	—	84	-4	128
Eastern										
1 SCOTLAND, E.	13.9	-12.2	-0.7	-0.1	-0.5	—	—	105	+3	92
2 ENGLAND, N.E.	12.8	- 8.3	-0.7	-0.5	-0.5	-0.8	-0.3	147	+4	103
3 ENGLAND, E.	12.4	- 6.1	-0.5	0.0	-0.3	-0.6	-0.5	110	+1	93
4 MIDLAND COUNTIES	13.9	- 7.2	-0.6	-0.2	-0.4	-0.8	-0.4	113	+1	72
5 ENGLAND, S.E.	12.2	-5.6	0.0	+0.2	0.0	-0.3	-0.2	146	-2	105
Western										
6 SCOTLAND, W.	12.2	-10.0	-0.5	-0.8	-0.6	-0.9	-0.1	84	-4	133
7 ENGLAND, N.W. (and N. Wales)	13.9	- 9.4	-0.7	-0.4	-0.5	-0.6	-0.3	147	0	98
8 ENGLAND, S.W. (and S. Wales)	13.3	- 5.6	-0.3	-0.4	-0.4	-0.7	-0.7	130	+2	70
NORTHERN IRELAND	12.2	- 8.3	-0.4	-1.3	-0.9	-	-	99	-5	132

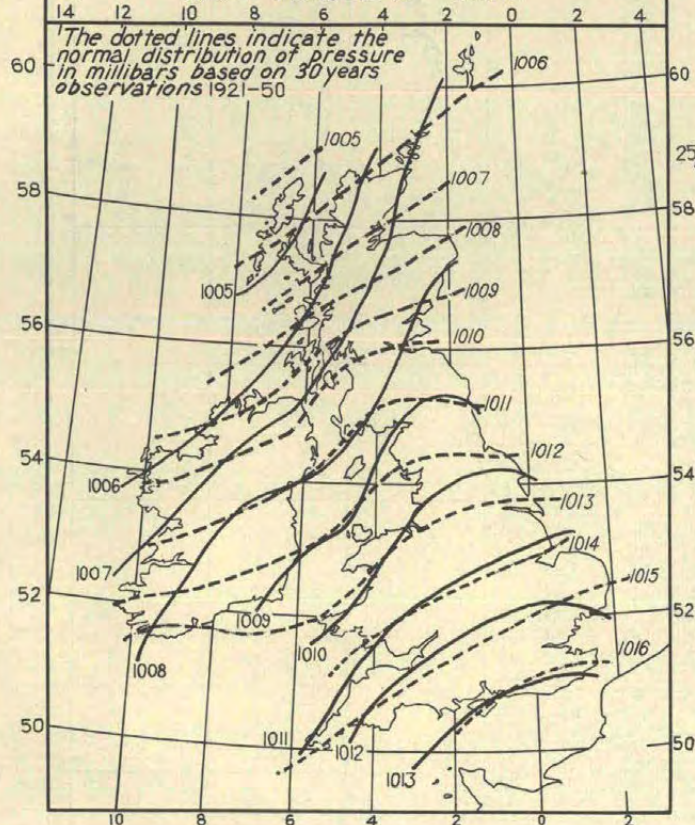
TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— JANUARY 1961 (1914)

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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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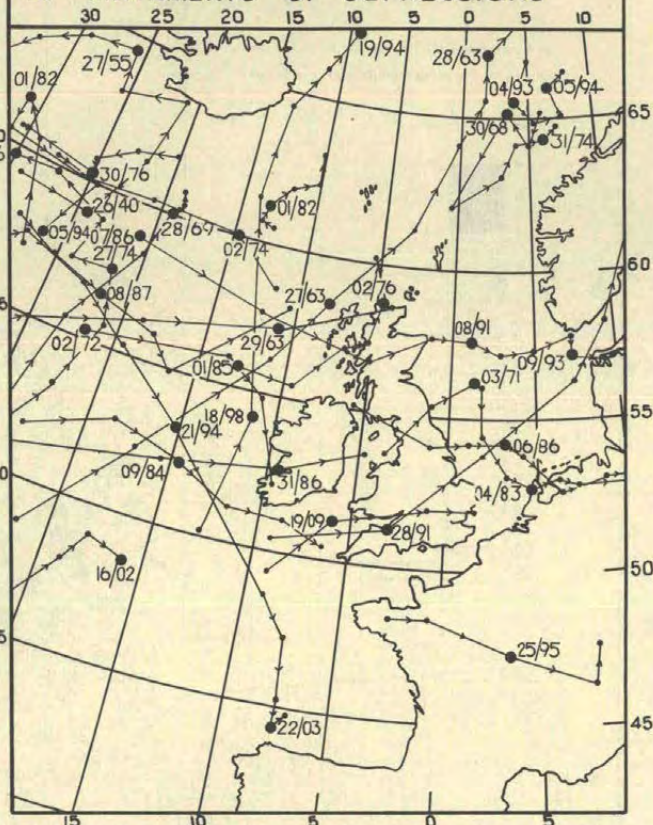
MONTHLY WEATHER CHARTS

JANUARY 1961

1. MEAN PRESSURE 9 A.M.

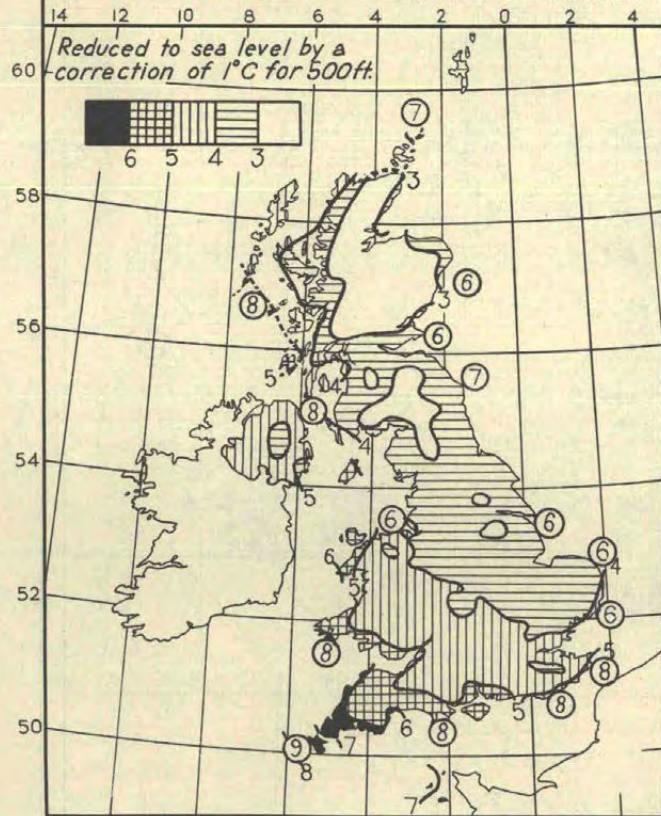


2. MOVEMENTS OF DEPRESSIONS



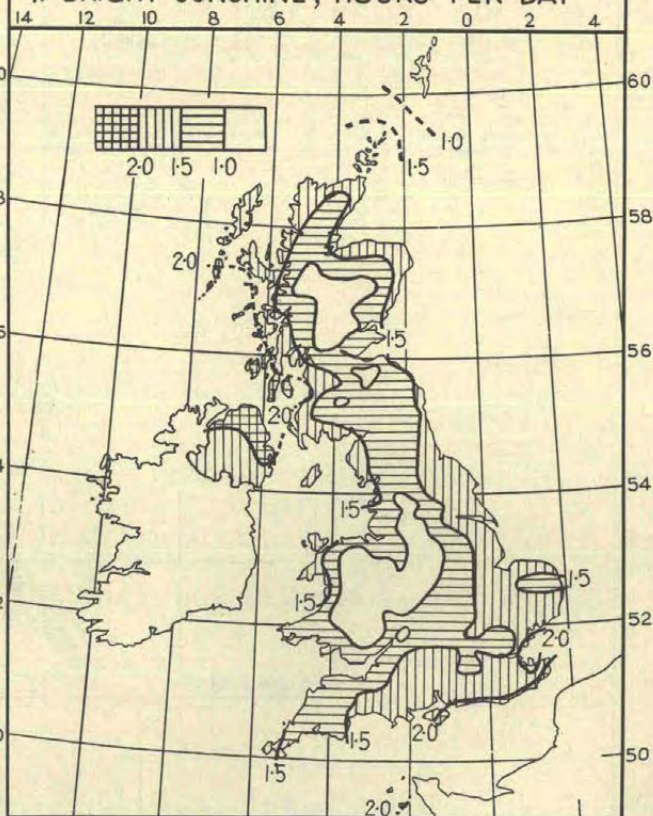
Positions of centres shown thus: ● at 12h.
First two figures show date, last two central pressure (mb)

3. DISTRIBUTION OF MEAN TEMPERATURE



Sea temperatures are shown by figures in circles, thus: ⑩

4. BRIGHT SUNSHINE, HOURS PER DAY



RAINFALL JANUARY 1961

The Equivalent Values in mm. are given in round numbers. The exact relation is 10 in. = 254 mm.

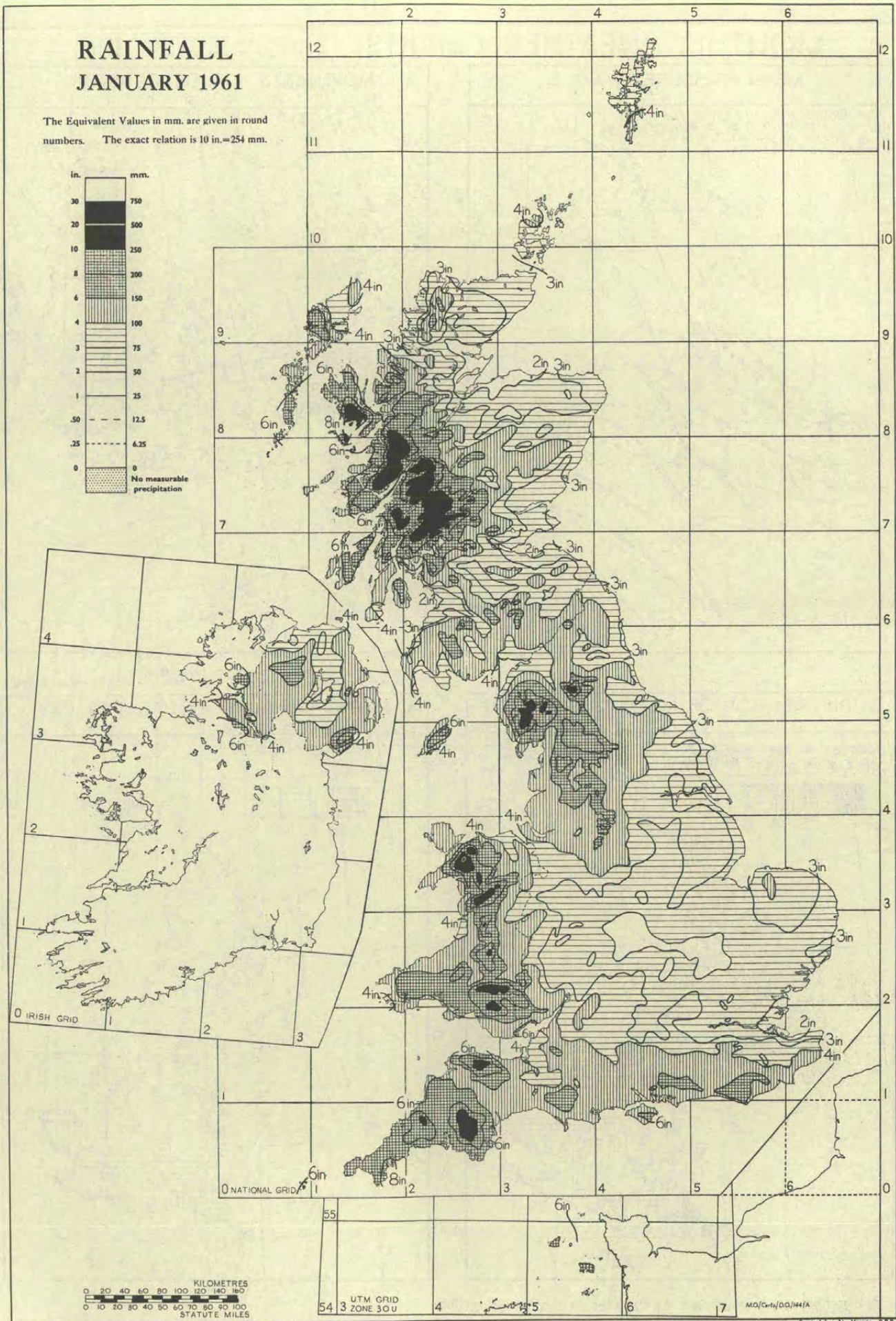
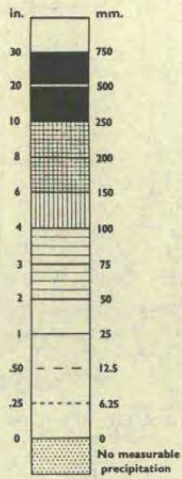


TABLE III—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER JANUARY 1961

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				Rainfall			Number of days		Precip'n		Thunder heard		Fog at 9h.		Air Frost		Gale	Daily Mean	Percentage of Average									
				A	B		Maximum	Date	Minimum	Date	Total Fall	Percentage of Average	Amount	Date	-0.0in. (0.2mm.) or more	-0.0in. (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								
				Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	in.	%	in.		in.	%	in.	%	in.	%	in.	%	in.	%	in.	%	in.	%	in.	%	in.	%		
0 SCOTLAND, N.																																			
Zetland		Lerwick Obs'y.	21-9	269	4.8	1.9	3.3	-0.1	7.7	11,12	-3.9	7	-	-	3.32	73	.82	27	24	19	13	4	2	9	0	0	0	0	0	0	0	0.71	96		
		Baltasound	9 9	78	5.5	1.8	3.7	-	8.3	11,12,24	-3.9	8	4.4	-	3.72	76	.69	27	26	18	11	5	4	0	0	0	0	0	0	0	0	0.71	-		
Orkney		Sule Skerry	9 9	43	6.4	4.0	5.2	-	9.0	27	1.1	7,26	-	-	2.95	-	.75	11	25	17	2	1	1	0	0	0	0	0	0	0	0	-	-		
		Kirkwall (Grimsetter)	21-9	84	5.4	1.9	3.7	-	8.3	11,12,27	-1.7	16	-	-	3.33	78	.53	26	26	19	14	0	13	1	0	0	0	0	0	0	1.03	-			
Caithness		Dounreay	9 9	73	5.7	-0.2	2.7	-	10.0	27	-5.6	16	-	-	2.20	-	.59	11	21	15	5	2	0	2	1	0	0	0	0	0	0	-	-		
		Halkirk (Olgrinbeg)	9 9	232	4.1	-2.2	0.9	-	7.2	11	-10.0	16	-	-	2.03	-	.38	11	23	14	5	0	0	0	0	0	0	0	0	0	0	-	-		
		Wick	21-9	119	5.2	1.5	3.3	-0.5	8.7	12	-4.4	16	-	-	2.43	83	.51	11	20	13	7	0	3	4	0	0	0	0	0	0	1.64	119			
Sutherland		Cape Wrath	21-9	367	5.7	2.8	4.3	-	8.5	11,26,27	-0.5	25	-	-	2.48	49	.39	29	20	16	5	0	2	0	0	0	0	0	0	0	0	-	-		
		Lairg (Achanay)	9 9	240	4.3	-2.3	1.0	-	10.6	27	-10.6	16	-	-	2.08	-	.42	11	18	14	12	4	0	0	0	0	0	0	0	0	0	-	-		
		Strathay	9 9	120	5.1	-0.8	2.1	-	10.0	27	-7.2	16	-	-	2.42	61	.33	11	19	16	14	0	1	3	0	0	0	0	0	0	1.27	-S			
Ross & Cromarty		Stornoway	21-9	11	6.2	2.1	4.1	-0.6	10.7	18	-3.9	16	-	-	3.88	93	.80	26	20	13	4	0	0	3	1	0	0	0	0	0	1.96	190			
		Balmacara	9 9	2	-	1.7	-	-	-	-	-1.7	7,11	-	-	4.83	-	.80	29	19	14	-	0	-	-	-	-	-	-	-	-	-	-	-		
		Achnashellach	9 9	220	5.8	-0.6	2.6	-0.7	12.2	26	-5.0	16	-	-	5.29	59	.95	29	21	13	4	2	1	0	1	0	0	0	0	0	0	-	-		
		Kinlochewe	9 9	76	6.4	-0.7	2.9	-	13.3	27	-7.2	7	-	-	5.65	-	.99	26	16	15	7	4	0	0	0	0	0	0	0	0	0.90	-S			
		Garve (Blackbridge)	9 9	690	-	-	-	-	-	-	-	-	-	-	3.07	-	(.59)	29	15	12	-	-	-	-	1	-	-	-	-	-	-	-	-		
		Fortrose	9 9	15	-	-	-	-	-	-	-	-	-	-	1.85	82	.29	29	14	12	3	0	0	0	0	0	0	0	0	0	2	1.62	103		
		Tarbatness	21-9	60	5.0	1.5	3.3	-	9.5	27	-4.5	16	-	-	1.07	-	.24	29	12	7	0	0	0	0	0	0	0	0	0	0	0	-	-		
Inverness		Benbecula	21-9	19	6.5	2.4	4.5	-	11.2	27	-2.8	7	-	-	4.67	99	.95	11	16	13	2	0	2	4	1	0	0	0	0	0	1.91	-			
		Isle of Rhum	9 9	15	6.9	1.3	4.1	-	11.1	27	-2.8	16,17	3.2	6.4	11.33	-	2.58	11	21	15	4	0	0	6	1	0	0	0	0	0	11	25	7	-	
		Prabost	9 9	220	5.7	0.7	3.2	-	10.6	27	-2.8	17	-	-	7.18	-	1.19	11	21	15	4	0	0	10	0	0	0	0	0	0	12	28	6	1.94	-
		Duntulm	9 9	294	6.1	1.9	4.0	-	10.6	27	0.0	8,17	-	-	4.73	81	.80	26	19	16	6	0	5	0	1	0	0	0	0	0	2	19	5	1.68	-S
		Onich	9 9	48	6.4	0.8	3.6	-0.8	12.8	27	-4.4	11,16	-	-	8.79	90	1.70	11	18	17	-	0	-	-	-	2	12	24	-	-	1.14	134S			
		Fort William																																	
		(Camaghael)	9 9	27	6.7	0.0	3.3	-	12.2	27	-6.1	16	2.6	4.0	6.58	-	.93	26	20	17	6	0	1	2	1	1	14	23	1	0.78	-S				
		Fort Augustus	9 9	70	5.7	-0.1	2.8	-0.4	11.1	27	-6.1	16	-	-	5.12	-	1.45	30	20	13	6	0	0	3	1	1	14	-	2	0.92	-S				
		Cannich	9 9	350	-	-3.5	-	-	-	-	-11.1	17,18	-	-	3.83	69	.94	26	13	13	4	10	0	0	0	0	0	0	0	0	26	31	1	-	-
		Dalwhinnie	18-9	1176	2.4	-2.2	0.1	-	6.5	27	-10.0	16	-	-	4.35	72	1.16	26	16	12	8	10	0	0	0	0	0	0	0	0	25	29	0	0.63	-S
		Inverness	9 9	13	5.6	-0.2	2.7	-	11.1	27	-5.0	16,17	-	-	1.53	-	.25	27	13	10	3	3	0	1	0	1	18	29	1	1.47	-S				
		Achnagoichan	9 9	1000	3.6	-2.2	0.7	-	7.2	12,27	-10.6	16	-	-	3.46	-	.73	11	15	14	-	-	-	-	-	24	-	-	-	-	-	-	-	-	
		Glenmore Lodge	9 9	1120	3.8	-2.5	0.7	-	9.2	12	-9.8	16	-	-	3.76	-	.73	5	18	13	14	10	0	0	0	0	0	0	0	21	30	2	1.00	-S	
1 SCOTLAND, E.																																			
Nairn		Nairn	9 9	20	5.2	-1.0	2.1	-1.5	11.7	27	-7.8	16,17	-	-	1.99	99	.29	11	18	12	4	4	1	0	1	0	0	18	31	1	1.65	104			
		Grantown-on-Spey	9 9	720	4.4	-3.1	0.7	-	10.0	27	-12.2	16	-	-	1.47	-	.28	11	14	9	-	6	-	-	-	0	0	0	0	27	30	-	-	-	
		Forres	9 9	155	5.3	-0.7	2.3	-	12.2	27	-6.7	16,17	1.4	3.8	1.53	83	.33	8	14	9	1	2	1	1	0	1	0	0	0	20	30	1	1.98	-	
		Kinloss	21-9	15	5.4	-0.1	2.7	-	12.8	27	-9.3	16	-	-	1.83	-	.44	8	15	11	7	1	4	3	0	2	16	27	3	1.99	-	-	-	-	
		Elgin	9 9	92	5.8	0.4	3.1	-	11.7	27	-6.7	16	-	-	1.55	-	.32	11	16	9	3	0	0	0	0	0	0	0	0	0	13	28	1	1.89	-
		Lossiemouth	9 9	21	5.7	-1.2	2.3	-	13.9	27	-8.9	16	-	-	2.00	-	.46	9	15	10	6	0	2	0	0	0	0	0	0	0	22	29	2	-	-
		Gordon Castle	9 9	104	5.8	-0.7	2.5	-1.0	11.1	27	-7.2	16	-	-	1.93	82	(.54)	11	15	10	1	0	-	-	-	-	21	-	-	-	1.59	108S			
Banff		Glenlivet	9 9	1085	3.1	-1.8	0.7	-	7.0	12,27	-9.0	16	-	-	1.33	37	.16	27	22	12	17	7	3	0	0	0	0	0	0	0	30	2	1.33	-S	
Aberdeen		Braemar	9 9	1113	3.2	-2.7	0.3	-0.8	6.7	12,27	11.1	16	-	-	2.82	69	.80	26	21	13	-	15	-	-	-	0	0	0	0	25	31	-	0.73	-S	
		Balmoral	9 9	927	3.4	-2.4	0.5	-0.7	8.9	12	-11.7	16	-	-	3.14	91	.52	26	20	14	10	9	0	0	0	0	0	0	0	0	24	31	2	-	-
		Logie Coldstone	9 9	608	4.1	-1.1	1.5	-0.4	7.8	12	-10.6	16	-	-	2.61	-	.43	11	19	14	-	6	-	-	-	-	19	-	-	-	-	-	-	-	
		Huntly	9 9	405	4.6	-0.2	2.2	-	9.4	11,27	-9.4	16	-	-	2.42	-	.55	11	21	11	10	6	1	3	0	0	0	0	0	0	15	29	0	-	-
		Fyvie Castle	9 9	218	5.4	-1.0	2.2	-	8.9	27	-10.0	16	-	-	2.88	-	.86	11	18	17	-	0	-	-	-	-	-	23	30	-	1.55	-S			
		Craibstone	¶	9 9	300	4.6	0.																												

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER JANUARY 1961

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 (0.2mm. 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						
			A Max.	B Min.		Maximum	Date	Minimum	Date		Amount	Date																					
			Max. Min.	ft.		°C.	°C.	°C.	°C.		°C.	°C.		1 ft.	4 ft.													in.	%	in.			
1 SCOTLAND, E.—cont.																																	
Midlothian cont.	Penicuik ...	99	620	4.4	-0.9	1.7	-	9.4	12,27	-8.3	16	1.4	-	3.93	-	.57	9,29	19	15	10	4	3	0	0	0	17	28	1	0.44	-8			
	Bush House ...	99	605	4.7	-0.8	1.9	-	10.0	12,27	-6.7	16	1.4	3.4	3.73	-	.87	29	16	13	6	3	0	1	0	1	16	28	1	-	-			
E. Lothian	Edinburgh—Blackford Hill¶	99	441	5.4	0.7	3.1	-0.6	11.1	12	-2.8	16,26	-	-	2.72	111	.72	9	17	13	2	2	0	1	0	1	12	25	1	1.42	84			
	Liberton ...	99	200	5.8	-0.2	2.8	-	11.7	12	-5.6	16	-	-	2.74	-	.75	9	15	11	5	2	0	0	0	0	17	-	0	1.17	-			
	Botanic Garden	99	74	5.9	0.2	3.1	-	11.1	12,27	-6.1	15	2.2	-	2.73	-	.56	9	14	14	3	1	0	0	0	2	13	26	1	1.07	-			
	Haddington ...	99	162	5.7	0.2	2.9	-	11.1	12	-5.6	16	-	-	2.30	-	.36	3	19	13	3	0	1	2	0	0	13	25	2	0.96	-			
	North Berwick ...	99	51	6.4	0.9	3.7	+0.1	11.7	12,27	-3.9	15	-	-	2.57	121	.40	8	19	13	3	2	1	1	0	0	10	-	0	1.36	108			
Berwick	Dunbar ...	99	75	6.2	1.3	3.7	-	11.7	12	-3.9	16	-	-	2.56	-	.45	8	19	14	4	0	1	0	0	0	7	17	0	1.74	-			
	Marchmont ¶	99	498	4.3	-0.3	2.0	-0.7	8.3	12,27,29	-5.6	16	-	-	3.22	112	.71	5	22	15	7	4	3	0	0	0	14	-	1	1.16	898			
Peebles	St. Abb's Head ...	99	245	4.9	2.5	3.7	-	9.0	12	-1.0	26	-	-	2.55	-	.56	19	20	14	3	0	3	0	1	0	2	13	6	-	-	-		
	Broughton ...	99	741	4.7	-1.2	1.7	-	9.4	12	-8.9	16	-	-	3.60	-	.46	3	17	16	5	0	0	4	0	0	17	25	0	-	-	-		
	Blyth Bridge ...	99	830	4.3	-0.8	1.7	-	9.4	12	-6.7	16	-	-	2.85	-	.61	11	19	14	9	2	1	5	0	0	18	28	1	1.06	-			
	West Linton ...	99	800	4.4	-1.2	1.6	-	9.4	12	-7.2	16	0.4	3.4	3.98	-	.76	29	19	17	9	5	2	0	0	2	20	26	0	-	-	-		
	Peebles ...	99	645	5.1	-	-	-	10.0	12	-	-	-	-	3.00	-	.60	3	17	14	6	1	2	0	0	0	0	26	2	0.55	-8			
Selkirk	Peebles (Glentress)	99	580	-	1.0	-	-	-	-	-8.3	16	-	-	3.57	-	.77	3	16	15	9	2	0	0	0	0	0	14	-	0	-	-		
	Selkirk (Bowhill)	99	600	4.6	-1.7	1.5	-	8.9	12	-8.3	16	-	-	3.71	-	.72	3	19	17	10	3	0	3	1	0	22	-	1	-	-	-		
Roxburgh	Hawick (Wauchope)	99	560	4.9	-1.4	1.7	-	8.9	12,29	-8.3	16	-	-	3.82	-	.67	5	18	18	-	2	-	-	-	0	22	-	-	-	-	-		
	Sourhope ...	99	900	4.2	-0.7	1.7	-	8.9	12,29	-5.0	11	-	-	4.81	-	.82	3	23	18	4	4	0	2	0	0	17	28	2	1.02	-	-		
6a SCOTLAND, W.																																	
Argyll	Tiree ... ¶	21-9	29	7.1	3.2	5.1	-0.5	11.2	27	0.0	11	-	-	5.10	107	.95	18	18	15	3	0	0	8	0	0	1	14	9	2.20	191			
	Rhuvaal ...	21-9	65	7.1	3.4	5.3	-	11.8	27	0.5	7	-	-	6.43	-	1.04	26	16	16	1	0	7	0	0	0	0	7	5	-	-	-		
	Colonsay ...	99	87	7.1	1.7	4.4	-	10.6	27	-4.4	11	-	-	4.17	72	.74	11	18	15	0	-	1	8	1	1	5	-	4	-	-	-		
	Campbeltown ...	99	10	7.4	1.6	4.5	-	11.7	12	-2.8	11	-	-	3.41	-	.83	7	15	14	-	0	-	-	-	-	-	-	-	2.19	-	-		
	Tarbert (Aghaglachgach)	99	40	7.1	0.3	3.7	-	11.7	12	-6.7	7	-	-	5.01	-	1.01	26	16	14	2	0	0	3	0	0	13	27	0	-	-	-		
	Oban ...	99	229	6.4	1.4	3.9	-	10.6	27	-2.2	16	-	-	6.42	104	.87	11	17	15	8	1	4	0	2	0	7	24	2	1.45	1538			
	Lepinmore ...	99	30	6.5	0.8	3.7	-	10.6	12,27	-3.3	7,11	-	-	7.92	-	1.95	26	17	16	1	0	0	3	1	1	14	23	0	1.39	-8			
	Glenbranter ...	99	120	5.4	-0.8	2.3	-1.1	10.6	12	-6.1	11,12	-	-	11.28	99	2.02	26	21	16	-	3	-	-	-	0	17	27	-	-	-	-		
	Benmore (Forestry Sch.)	99	46	6.3	-1.7	2.3	-	10.6	12,27,29	-5.6	7,11,15	1.8	-	9.71	88	1.60	26	19	16	5	2	1	0	0	0	23	30	0	-	-	-	-	
	Benmore (Younger Bot. Gdn.)	99	40	6.2	0.3	3.3	-	11.1	12	-5.0	7,11,12	-	-	9.70	-	1.58	26	19	18	6	2	2	2	0	1	12	26	0	-	-	-	-	
	Bute	Lochrannan ...	99	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Rothsay ¶		99	150	5.9	1.9	3.9	-0.6	10.0	27	-2.2	11	3.2	5.1	4.95	83	.81	11,26	21	16	2	0	0	0	0	0	1	4	17	2	1.57	138		
Dunbarton	Millport ...	99	16	6.9	2.5	4.7	-	10.0	12,27,29	-1.1	12	-	-	4.10	82	.77	11	18	13	3	0	0	0	0	0	0	4	-	5	-	-	-	
	Helensburgh ...	99	293	5.2	-0.2	2.5	-0.9	10.6	27	-5.0	11	-	-	5.46	83	.88	8	19	14	6	2	0	0	0	0	0	17	-	1	-	-	-	
Stirling	Stirling ...	99	151	5.6	0.2	2.9	-0.5	10.0	12,27	-6.1	16	1.7	5.8	3.65	80	.64	29	18	13	5	5	0	2	0	0	2	14	23	1	-	-	-	
	Falkirk ...	99	100	5.8	-0.1	2.9	-	10.6	12	-5.0	15	-	-	3.49	-	(.47)	28	15	13	-	1	-	-	-	-	12	16	-	-	-	-		
Renfrew	Greenock ...	99	200	6.1	1.2	3.7	-0.5	11.1	27	-3.3	16	-	-	6.76	86	1.23	11	18	16	4	2	2	0	0	4	8	21	1	1.01	-8			
	Paisley ...	99	106	5.9	0.3	3.1	-0.9	10.0	12,27	-3.9	11	3.2	6.5	3.94	76	.62	26	18	13	4	4	0	0	0	11	15	24	1	1.15	1248			
Lanark	Barrhead ...	99	97	5.8	-0.4	2.7	-	10.0	12,27	-6.1	11	-	-	4.42	-	.66	11	16	15	5	0	0	0	0	4	17	22	1	-	-	-	-	
	Renfrew ... ¶	21-9	28	5.7	0.5	3.1	-0.5	10.0	12,27,29	-5.6	11	-	-	3.28	70	.48	29	17	13	8	0	2	0	0	5	13	24	2	1.20	121			
	Thorntonhall ...	99	453	5.1	-0.6	2.3	-	10.0	12	-6.7	16	-	-	4.17	-	.69	29	17	14	5	2	0	2	0	-	18	28	0	-	-	-	-	
	Glasgow, Spr. Pk.	99	351	4.9	-0.2	2.3	-	9.4	12,27	-5.0	16	-	-	3.31	78	.61	29	18	13	6	2	0	2	0	0	16	29	1	1.32	-	-	-	
	Coatbridge ...	99	256	5.3	-0.1	2.6	-	10.6	12	-5.0	16	-	-	2.53	-	.58	29	14	13	0	0	0	0	0	0	15	-	0	-	-	-	-	
	Coalburn (Midtown)	99	707	4.4	-1.9	1.3	-	10.0	12	-10.0	16,17	1.8	-	3.83	-	.84	29	18	15	6	1	3	0	0	0	20	25	1	1.71	-	-	-	
	Lowther Hill ...	-	2377	0.8	-3.1	1.1	-	9.0	29	-7.0	25,26	-	-	-	-	-	-	-	18	-	0	0	0	0	22	30	-	8	0.67	-	-	-	
	Leadhills ...	99	1270	3.1	-1.5	0.8	-	7.8	12	-7.8	11	-	-	6.17	-	1.11	11	19	15	12	2	0	1	0	0	21	26	2	-	-	-	-	
	Ayr	Carnwath ...	99	706	4.4	-1.2	1.6	-	9.4	12	-8.3	16	-	-	2.60	-	.38	29	15	12	6	4	1	0	0	0	1	19	31	3	-	-	-
Colmonell ...		99	170	6.5	0.2	3.3	-1.0	10.6	12,27,29	-6.1	11,16	-	-	3.47	69	1.10	26	17	14	-	0	-	-	-	-	14	19	-	-	-	-	-	
Turnberry ...		99	25	-	-	-	-	-	-	-	-	-	-	4.12	-	.98	11	19	15	-	0	-	-	-	-	0	-	-	-	1.81	-	-	
Largs ...		99	20	-	-	-	-	-	-	-	-	-	-	4.87	-	1.33	26	19	16	6	0	5	0	1	0	18	-	4	-	-	-	-	
Dumfries	Barr ...	99	400	5.6	-1.2	2.2	-	9.4	12,27,29	-8.3	11	-	-	2.14	51	.51	29</																

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER JANUARY 1961

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 or more	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	B		Maximum	Date	Minimum	Date	1 ft.			4 ft.	Amount												Date					
			Max.	Min.	Mean	Mean of A and B	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.	°C.	°C.	in.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.
2 ENGLAND, N.E.—cont.																															
North-berland cont.	Ackington	21-9	138	5.2	0.6	2.9	-	10.1	12	-3.9	16	-	-	3.29	-	.62	19	21	16	10	1	0	3	0	0	16	21	2	1.60	-	
	Tynemouth	21-9	95	5.7	2.0	3.9	-0.5	11.0	29	-1.5	15	-	-	3.08	132	.53	2	19	14	10	0	1	0	0	2	7	19	4	1.31	-	
	Chopwellwood	9-9	446	5.2	-0.3	2.5	-0.4	10.0	12	-3.9	15, 16	-	-	4.49	173	.74	2	25	19	11	3	0	1	1	1	20	29	0	-	-	
	Ushaw College	9-9	594	4.9	-0.3	2.3	-0.6	9.4	29	-2.8	15, 27	-	-	3.46	130	.47	3	21	15	-	3	-	-	-	-	-	-	-	-	-	
	Houghall	9-9	123	5.7	-1.2	2.3	-0.8	11.1	29	-7.2	15	-	-	3.85	153	.97	2	18	14	7	1	0	4	0	0	26	28	0	1.50	1098	
	Durham	9-9	336	5.6	0.1	2.9	-0.3	11.1	29	-5.0	15	2.6	5.7	4.06	175	1.17	2	24	16	-	5	-	-	-	-	17	28	-	1.57	102	
	Gateshead	9-9	509	4.8	0.7	2.7	-	10.0	29	-2.2	15, 16, 27	-	-	4.03	-	.74	29	23	14	-	1	-	-	-	-	1	14	24	-	1.79	-
Yorks., N. Riding	Middleton St. Gge.	21-9	115	5.5	0.4	2.9	-	11.7	29	-4.4	15	-	-	3.41	-	.50	5	22	17	12	2	0	0	0	0	18	23	1	1.65	-	
	West Hartlepool	9-9	30	6.3	1.3	3.8	-	11.7	29	-2.8	15	-	-	3.31	-	.68	5	22	15	3	1	3	0	0	2	8	-	1	1.42	-	
	Hawes	-	745	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Dishforth	21-9	105	5.2	0.7	2.9	-	12.2	29	-4.7	15	-	-	4.54	188	.70	28	24	18	12	2	0	3	0	3	14	22	1	1.80	-	
	York	9-9	57	5.6	0.6	3.1	-0.7	12.8	29	-3.9	15	2.5	5.3	3.84	164	.57	21	25	18	6	1	0	1	0	4	12	-	0	1.43	1308	
	Ampleforth	9-9	313	4.9	0.0	2.5	-0.6	11.1	29	-5.6	16	-	-	4.21	145	.59	28	23	19	-	-	-	-	-	3	14	29	-	-	-	
	Redcar	9-9	25	6.6	1.3	3.9	-	11.7	29	-3.9	15	-	-	3.43	163	.54	28	24	17	1	0	0	3	1	1	10	-	0	1.54	-	
Yorks., E. Riding	Whitby	9-9	135	6.1	0.9	3.5	-	11.7	29	-3.9	15	-	-	3.35	132	.49	29	23	18	0	0	4	1	2	2	9	23	0	1.44	-	
	Scarborough	9-9	118	6.1	1.6	3.9	-0.5	11.1	29	-1.1	27	-	-	2.68	106	.41	6	22	17	1	0	0	1	0	0	1	17	2	1.36	1008	
	Silpho Moor	9-9	665	4.3	-0.1	2.1	-	10.6	29	-2.8	15, 27	2.2	-	3.02	-	.39	28	26	19	7	2	0	1	0	0	8	22	28	0	-	-
	High Mowthorpe	9-9	574	4.2	-0.1	2.1	-	10.6	29	-1.7	18, 25, 26	1.9	-	3.69	-	.50	5	24	19	5	3	0	3	0	6	23	30	2	1.68	-	
	Hull	9-9	8	5.8	1.1	3.5	-0.6	12.2	29	-2.8	15, 16	3.2	5.9	3.07	130	.59	21	21	17	1	0	0	0	0	1	8	19	1	1.31	122	
	Leconfield	21-9	24	5.4	0.8	3.1	-	12.2	29	-5.0	15	-	-	3.05	-	.55	21	20	15	6	0	2	0	0	2	11	21	0	1.66	-	
	Filey	9-9	122	5.7	0.6	3.1	-	11.7	29	-3.9	15	-	-	2.44	-	.31	28	23	14	1	0	4	0	0	0	11	-	0	1.54	-	
Lincoln	Bridlington	9-9	157	5.6	0.6	3.1	-	11.7	29	-1.7	27	-	-	2.97	-	.40	28	22	17	2	0	0	1	0	0	11	30	8	1.71	-	
	Spurn Head	21-9	29	5.4	2.3	3.9	-0.2	11.0	29	-2.0	26	-	-	2.72	-	.61	21	19	13	2	0	0	1	0	0	1	-	3	1.85	118	
	Gainsborough	9-9	110	5.4	0.1	2.7	-	12.2	29	-2.8	15, 16	-	-	2.51	-	.47	9	14	10	0	0	0	0	0	2	19	-	1	-	-	
	Waddington	21-9	224	4.8	0.9	2.9	-	11.7	29	-3.2	26	-	-	3.14	-	.54	9	20	17	7	0	0	0	0	0	4	16	19	0	1.10	-
	Lincoln	9-9	22	5.7	0.2	2.9	-	12.2	29	-3.9	14	3.2	4.9	3.35	-	.52	20	24	16	0	0	0	0	0	4	14	27	0	1.23	-	
	Cranwell	9-9	205	5.1	0.2	2.7	-0.7	11.9	29	-3.8	27	3.4	6.1	3.14	151	.60	5	20	15	3	0	0	1	0	1	15	21	2	1.52	89	
	Cleethorpes	9-9	23	5.2	1.4	3.3	-0.5	11.1	29	-2.8	27	-	-	2.92	133	.69	21	14	10	0	0	0	0	0	3	18	0	-	-	-	
Norfolk	Manby	21-9	55	5.2	1.0	3.1	-	11.7	29	-3.6	26	-	-	3.15	-	.49	9	19	16	11	0	1	0	1	1	11	17	1	1.77	-	
	Skegness	9-9	15	5.6	0.9	3.3	-0.3	11.7	29	-2.2	15	-	-	2.86	137	.44	9	20	13	0	0	0	0	0	1	9	22	3	1.70	101	
	Terrington	9-9	13	5.6	0.8	3.2	-	11.1	29	-3.3	26	3.2	-	2.85	158	.54	28	20	15	0	0	0	0	0	2	10	28	0	1.54	-	
	St. Clement	21-9	76	5.6	1.0	3.3	-	11.6	29	-4.3	26	-	-	2.91	-	.51	28	17	16	2	0	0	0	0	1	15	23	0	-	-	
	Marham	9-9	80	5.9	0.3	3.1	-	11.7	29	-6.1	27	3.9	5.6	3.14	-	.36	9, 20	21	19	-	0	-	-	-	1	14	26	-	-	-	
	Santon Downham	21-9	250	5.1	0.8	2.9	-	10.9	29	-4.8	26	-	-	4.31	-	.65	28	18	17	4	0	2	0	0	0	13	19	0	1.54	-	
	West Raynham	9-9	178	5.3	1.1	3.2	-0.9	11.1	29	-4.4	27	-	-	3.44	153	.45	28	19	15	-	0	-	-	-	0	7	17	-	1.51	85	
Suffolk	Cromer	9-9	93	5.5	0.7	3.1	-0.6	11.7	29	-3.9	26, 27	4.3	-	3.40	147	.41	20	21	17	2	1	0	0	0	0	14	22	3	1.24	778	
	Burlingham	9-9	89	5.6	1.1	3.3	-	11.7	29	-3.3	26, 27	-	-	2.76	122	.38	20	19	16	3	1	0	4	0	0	9	23	0	1.36	-	
	Gorleston	21-9	5	5.9	2.4	4.1	-0.3	12.4	29	-2.0	26, 27	4.1	6.5	2.45	111	.37	20	19	15	1	0	0	0	0	0	4	13	1	1.50	86	
	Mildenhall	21-9	15	6.2	1.5	3.9	-	12.1	29	-3.4	26	-	-	2.16	114	.35	9	18	14	5	0	0	0	1	1	11	19	0	1.54	-	
	East Bergholt	9-9	14	6.4	0.8	3.6	-	11.7	29	-5.6	27	-	-	2.72	-	.36	1	18	17	0	0	0	0	0	0	13	28	0	-	-	
	Wattisham	21-9	292	5.3	1.0	3.1	-	10.6	29	-3.9	26	-	-	2.83	-	.33	28	19	16	2	0	0	1	0	4	15	23	0	-	-	
	Felixstowe	21-9	10	5.7	2.7	4.2	0.0	10.0	29	-1.2	26	-	-	2.24	113	.36	2	17	15	1	0	0	0	1	1	3	12	1	1.86	100	
Cambridge	Lowestoft	9-9	82	6.1	1.7	3.9	0.1	11.1	29	-2.8	27	3.6	5.6	3.22	145	.61	9	21	19	1	0	0	0	0	0	7	13	0	1.42	78	
	Boxworth	9-9	157	6.1	0.9	3.5	-	11.7	29	-3.9	26	-	-	2.20	111	.44	9	20	15	0	0	0	0	1	1	9	24	0	1.62	-	
	Cambridge Bot. Gdn.	9-9	41	6.2	0.6	3.4	-0.4	11.7	29	-3.3	12	3.2	5.7	2.04	105	.38	9	18	13	1	0	1	0	1	1	14	29	-	-	-	
	Cambridge N.I.A.B.	9-9	85	6.2	1.0	3.6	-	12.2	29	-3.9	26	-	-	2.20	112	.41	9	17	16	1	0	1	0	1	2	11	26	0	1.63	103	
	Wyton	21-9	129	5.6	1.0	3.3	-	11.6	29	-6.1	26	-	-	1.93	-	.26	9	19	14	2	0	0	0	1	2	12	20	0	-	-	
	Woburn	9-9	291	5.9	1.3	3.6	-0.2	11.1	29	-2.8	12	3.6	6.9	2.14	100	.35	9	18	12	2	0	1	0	1	2	10	21	1	1.39	88	
	Goldington	9-9	107	6.4	1.1	3.7	-	11.7																							

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER JANUARY 1961

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. C or less	Gale	Daily Mean	Percentage of Average				
					A Max.	B Min.		Maximum	Date	Minimum	Date					Amount	Date												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.	1 ft.	4 ft.	in.	%	in.									hr	%			
4 MIDLAND COUNTIES—cont.																																
Yorks.,	Ilkley	9 9	315	5.2	0.1	2.7	-0.5	11.7	29	-5.0	15, 16	-	5.64	140	.71	21	19	19	11	0	0	0	0	0	0	0	0	0	0	0		
W. Riding—	Sheffield	9 9	429	5.4	1.1	3.3	-0.7	11.7	29	-1.7	15	2.7	5.8	3.77	124	.59	9	22	16	5	0	0	0	0	0	0	0	0	0	0	0.88	
cont.	Wakefield	9 9	121	5.7	0.6	3.1	-0.6	12.2	29	-5.0	15	3.4	6.1	3.91	155	.80	21	24	17	2	0	0	0	0	0	0	0	0	0	0	75	
	Killinghall	9 9	365	5.1	-0.2	2.5	-	11.1	29	-3.9	16	2.4	-	3.99	-	.78	21	20	17	6	3	0	0	0	0	0	0	0	0	0	1.48	
	Pontefract	9 9	255	5.5	0.5	3.0	-0.6	12.2	29	-4.4	15	-	-	3.38	157	.75	21	24	12	6	0	0	0	0	0	0	0	0	0	0	1.46	
	Bramham	9 9	177	5.2	-0.2	2.5	-	12.2	29	-3.3	15, 16	-	-	4.29	-	.58	21	21	18	5	1	0	0	0	0	0	0	0	0	0	1.45	
	Cawood	9 9	20	5.5	0.2	2.9	-	12.8	29	-5.0	15	2.2	4.7	3.50	150	.58	21	21	16	1	0	0	0	0	0	0	0	0	0	0	1.33	
	Askham Bryan	9 9	110	5.5	0.1	2.8	-	13.9	29	-4.4	15	-	-	4.13	167	.60	21	24	20	7	0	0	0	0	0	0	0	0	0	0	1.43	
Derby	Buxton	9 9	1007	3.7	-0.5	1.6	-0.7	10.0	29	-3.9	15	1.9	3.9	6.25	114	.81	5, 20	23	18	9	3	0	0	0	0	0	0	0	0	0	-	
	Chapel en le Frith	9 9	728	4.7	-0.4	2.1	-	10.6	29	-3.9	7, 11, 12	-	-	5.78	-	.81	20	23	18	5	1	0	2	0	0	0	0	0	0	0	-	
	Wirksworth	9 9	565	4.9	0.0	2.5	-	11.1	29	-2.2	12, 26	-	-	4.19	-	.55	20	22	15	5	1	0	1	0	0	0	0	0	0	0	-	
	Mackworth	9 9	293	5.4	0.2	2.8	-	12.2	29	-2.8	7	-	-	3.14	-	.49	20	17	15	2	1	0	0	0	0	0	0	0	0	0	-	
	Belper	9 9	203	6.1	-1.3	2.4	-1.1	12.8	29	-5.0	12	-	-	2.76	98	.35	9, 21	13	12	1	0	0	0	0	0	0	0	0	0	0	-	
	Derby	9 9	159	6.3	0.7	3.5	-	12.2	29	-2.2	7, 15	-	-	2.91	-	.51	20	19	14	1	0	0	0	0	0	0	0	0	0	0	0.90	
	Morley	9 9	350	5.2	0.2	2.7	-	11.7	29	-2.2	7, 26	-	-	2.85	-	.52	20	17	14	2	0	0	0	0	0	0	0	0	0	0	1.01	
	Chesterfield	9 9	298	5.4	-0.1	2.7	-	12.2	29	-4.4	15	-	-	3.51	-	.44	20	21	14	3	0	0	0	0	0	0	0	0	0	0	-	
Nottingham	Sutton Bonington	9 9	157	6.1	0.5	3.3	-0.3	12.8	29	-3.3	15	-	-	2.29	105	.34	20	17	12	-	-	-	-	-	-	-	-	-	-	0.94		
	Watnall	21-9	385	5.0	0.9	2.9	-	11.8	29	-2.1	15	-	-	2.58	96	.38	9	20	14	7	0	0	0	0	0	0	0	0	0	0	0.66	
	Mansfield	9 9	362	5.0	0.4	2.7	-0.6	11.7	29	-2.8	15	-	-	3.39	127	.42	9	21	16	2	1	0	0	0	0	0	0	0	0	0	-	
	Nottingham *§	9 9	192	5.9	0.9	3.4	-0.5	12.8	29	-1.7	7, 27	2.6	4.3	2.42	106	.38	20	19	14	2	0	0	0	0	0	0	0	0	0	0	0.59	
	Warsop (Gleadthorpe)	9 9	150	5.4	0.1	2.7	-	12.2	29	-2.8	7, 12	-	-	3.06	144	.45	5	21	16	1	1	0	0	0	0	0	0	0	0	0	0.87	
	Finningley	21-9	34	5.4	1.2	3.3	-	12.8	29	-4.6	15	-	-	3.17	-	.45	9	21	13	3	0	0	0	0	0	0	0	0	0	0	1.25	
	Langar	21-9	106	5.4	0.7	3.1	-	12.2	29	-3.9	14	-	-	2.22	-	.37	20	19	14	2	0	0	1	0	0	0	0	0	0	0	-	
Leicester	Newtown Linford	9 9	388	5.2	-0.1	2.5	-	11.7	29	-3.3	26, 27	-	-	2.90	-	.38	28	20	13	3	0	0	1	0	0	0	0	0	0	0	-	
	Leicester (Towers)	9 9	267	5.5	0.1	2.8	-	11.7	30	-3.3	11, 26	3.2	6.2	2.82	119	.43	28	22	14	2	0	0	0	0	0	0	0	0	0	0	0.83	
	Caldecott	9 9	175	6.1	-0.4	2.9	-	12.2	29	-6.1	26	-	-	2.61	-	.31	9	18	16	-	-	-	-	-	-	-	-	-	-	-	1.20	
Northampton	Wellingborough	9 9	298	5.6	0.5	3.1	-	11.1	29	-7.2	26	-	-	2.22	-	.40	28	17	13	1	0	0	0	0	0	0	0	0	0	0	-	
	Raunds	9 9	193	5.7	0.3	3.0	-	11.1	29	-4.4	26	3.1	6.7	2.28	110	.37	9	18	15	0	0	0	1	0	0	0	0	0	0	0	-	
	Wittering	21-9	216	5.2	0.8	3.0	-	11.7	29	-4.0	26	-	-	2.35	-	.31	28	20	16	5	0	0	2	1	2	14	21	0	0	0	1.45	
Warwick	Birmingham K.E.S.	9 9	450	5.4	0.8	3.1	-	11.7	29	-2.2	26	-	-	1.94	-	.27	28	17	14	4	1	0	0	0	0	0	0	0	0	0	-	
	Birmingham *§	21-9	536	5.0	1.6	3.3	-0.5	11.5	29	-2.2	26	4.8	7.2	2.24	75	.27	28	18	14	7	1	0	0	0	0	0	0	0	0	0	0.74	
	Luddington	9 9	138	6.4	0.9	3.7	-	11.7	29	-4.4	12	-	-	2.03	94	.50	9	18	12	1	0	0	0	1	0	0	0	0	0	0	1.12	
	Stratford on Avon	9 9	160	6.3	0.6	3.5	-	11.7	29	-4.4	12	3.4	-	2.08	-	.46	9	18	14	1	-	0	0	0	0	0	0	0	0	0	1.21	
	Birmingham Airport*	21-9	319	5.5	0.8	3.1	-	12.2	29	-4.4	14	-	-	1.99	79	.25	28	15	14	2	0	0	0	1	0	0	0	0	0	0	0.88	
	Shipston on Stour	9 9	365	5.8	1.0	3.4	-	11.1	29	-2.2	12, 27	4.1	-	2.70	-	.66	9	19	14	1	1	0	0	0	0	0	0	0	0	0	1.18	
	Wellesbourne	9 9	153	6.2	0.7	3.5	-	11.7	29	-3.3	11, 12	3.3	5.4	1.89	82	.38	9	19	13	2	0	0	0	1	1	1	14	22	2	0	1.22	
	Moreton Morrell	9 9	280	6.2	1.1	3.7	-	11.1	29	-2.2	7, 11, 12	-	-	1.87	-	.36	9	18	13	2	0	0	0	0	0	0	0	0	0	0	1.18	
	Coventry...	9 9	338	6.8	0.4	3.6	0.0	12.2	29	-2.8	7, 8, 12	3.6	-	1.84	74	.28	28	18	13	1	-	0	0	0	0	0	0	0	0	0	1.15	
	Rugby	9 9	385	5.7	0.8	3.3	-	11.1	29	-2.8	26, 27	2.4	5.0	1.69	-	.28	9	18	11	1	1	0	0	0	0	0	0	0	0	0	1028	
Oxford	Oxford	9 9	208	6.6	1.8	4.2	0.0	11.7	29	-1.7	12, 27	3.5	5.7	3.39	144	.69	28	17	15	1	0	0	0	1	1	1	8	20	0	0	1.41	
Buckingham	Aylesbury	9 9	316	6.2	0.9	3.5	-	11.1	29	-3.3	12	-	-	2.17	-	.30	28	16	13	1	0	1	1	1	1	4	10	24	2	0	1.48	
Stafford	Keele	9 9	587	5.0	0.1	2.5	-	11.1	29	-3.3	11	2.8	5.5	3.50	118	.57	5	17	15	1	0	2	0	0	0	0	0	0	0	0	0.86	
	Oaken	9 9	409	6.3	0.1	3.2	-0.1	12.2	29	-3.3	11	3.1	-	2.51	-	.29	28	15	14	-	-	-	-	-	-	-	-	-	-	-	-	
	Wheaton Aston	9 9	365	5.9	0.2	3.1	-	12.2	29	-2.8	7, 11, 15	3.8	-	2.84	-	.48	28	16	14	0	0	0	0	0	0	0	0	0	0	0	0	0.63
	Stone	9 9	350	5.6	0.2	2.9	-	11.7	29	-3.9	11	-	-	3.24	-	.47	28	19	13	2	0											

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER JANUARY 1961

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	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.(1.6mm) or more			
				Max.	Min.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.										hr	%			
5 ENGLAND, S.E.—cont.		G.M.T.	ft.																												
Surrey	Wisley ...	9 9	150	6.4	1.3	3.9	-0.3	11.1	29	-3.3	12	3.7	6.2	3.20	132	.77	29	17	13	1	0	0	0	1	0	12	28	2	1.32	89.8	
	Mickleham ...	9 9	179	6.4	0.4	3.4	-	11.1	29	-4.4	12	-	-	3.99	131	1.00	29	16	14	2	0	0	0	0	0	16	25	0	-	-	
	Kew Observatory §	21-9	18	6.6	2.8	4.7	-0.1	11.4	29	-1.6	12	4.0	6.9	2.47	115	.50	29	15	14	1	0	1	0	1	1	3	19	0	1.73	125	
Kent	Gatwick ...	21-9	192	6.4	1.3	3.9	-	10.7	29	-4.7	12	-	-	4.40	-	1.03	29	17	14	0	0	0	0	0	0	1	11	18	2	1.60	-
	Croydon (Waddon)	9 9	220	6.7	1.4	4.1	-0.4	11.7	29	-2.8	12	-	-	3.18	123	.73	29	17	13	-	-	-	-	-	-	10	-	-	-	-	
	Addington ...	9 9	474	5.8	1.1	3.5	-0.2	10.6	29	-2.8	26, 27	-	-	3.47	129	.80	29	17	13	-	-	-	-	-	-	10	-	-	-	-	
	Bromley ...	9 9	213	7.2	1.8	4.5	0.2	12.2	29	-2.2	12, 27	-	-	2.84	126	.72	29	17	13	-	-	-	-	-	1	8	-	-	-	-	
	Swanley ...	9 9	177	6.6	1.2	3.9	-	12.2	28	-3.3	12	4.5	-	2.66	-	.70	29	17	12	0	0	0	0	0	1	13	23	0	1.57	-	
	Dartford ...	9 9	17	7.2	1.5	4.3	-	11.7	28, 29	-3.3	12	-	-	2.32	118	.62	29	14	12	1	0	0	0	0	1	11	-	0	-	-	
	Tunbridge Wells	9 9	351	6.2	0.0	3.1	-0.5	10.0	28	-4.4	12, 27	3.2	5.4	4.36	144	1.08	29	17	15	2	0	0	2	0	1	16	24	2	1.87	107	
	Goudhurst ...	9 9	280	6.5	0.8	3.7	-	10.6	28	-4.4	12, 27	-	-	4.83	141	1.14	29	18	15	0	0	0	2	0	0	12	21	2	-	-	
	East Malling §	9 9	122	6.9	1.1	4.0	0.2	11.1	28	-3.9	12	-	5.8	3.44	139	1.00	29	16	13	0	0	0	0	0	0	14	20	1	1.77	117	
	Benenden ...	9 9	195	9.2	3.3	6.3	-	10.6	28	-4.4	27	-	-	4.71	-	1.23	29	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Gillingham ...	9 9	10	6.9	1.9	4.4	-	11.1	28, 29	-2.8	27	-	-	2.35	-	.50	1	17	13	0	0	0	0	0	0	7	-	0	-	1.71	-
	Sittingbourne ...	9 9	224	6.3	1.1	3.7	-	10.6	28	-4.4	27	3.9	6.3	3.34	-	.75	29	15	14	0	0	0	0	0	8	10	16	2	2.08	-	
	Isle of Grain ...	9 9	9	7.1	2.7	4.9	-	11.1	28	-1.7	27	-	-	1.80	-	.38	29	16	12	-	-	-	-	-	0	3	17	-	-	2.03	-
	Throley ...	9 9	493	5.7	0.9	3.3	-	9.4	28, 29	-5.6	27	3.8	6.6	3.84	-	.82	29	15	14	2	0	0	0	0	0	12	23	4	1.76	-	
	Faversham ...	9 9	157	6.6	1.4	4.0	-	10.6	28, 29	-3.9	27	4.3	6.4	2.84	-	.77	29	17	13	0	0	0	1	0	0	10	20	1	2.07	-	
	Dungeness ...	21-9	10	6.8	3.3	5.1	-	10.0	28, 31	-3.0	26	-	-	4.29	176	1.09	2	18	15	0	0	0	0	0	0	5	-	6	-	-	
	Wye ...	9 9	185	6.8	0.6	3.7	-	10.6	29	-3.9	27	-	-	3.77	125	.66	29	18	15	2	0	3	0	0	0	19	26	2	2.07	122	
	Whitstable ...	9 9	9	7.1	2.3	4.7	-	11.7	28	-2.8	27	-	-	1.79	92	.40	29	18	14	0	0	0	0	0	0	7	-	0	-	2.07	-
	Folkestone ...	9 9	128	7.1	2.4	4.7	-	10.0	10, 31	-2.2	27	-	7.6	4.35	170	.83	29	18	15	0	0	0	3	1	0	3	13	0	2.22	-	
Sussex	Wingham (Elmstone)	9 9	28	6.7	1.1	3.9	-	10.6	31	-4.4	27	-	-	3.05	-	.75	29	17	15	-	-	-	-	-	-	14	15	-	-	-	
	Herne Bay ...	9 9	21	6.8	2.3	4.5	-	11.1	28, 29	-2.8	27	-	-	1.95	94	.45	29	18	13	1	0	0	0	0	0	5	-	0	1.92	-	
	Dover ...	9 9	19	7.2	2.8	5.0	0.2	10.0	29	-2.8	27	5.4	7.2	4.94	176	1.11	29	18	15	1	0	1	0	0	0	4	10	5	2.29	-	
	Dover R.M.S. ...	9 9	402	6.1	1.3	3.7	-	8.3	2, 10, 31	-3.3	27	-	-	5.07	154	1.14	29	17	16	0	0	0	0	0	0	9	-	1	-	-	
	Deal ...	21-9	18	7.2	3.2	5.2	-	11.0	30	-4.0	27	-	-	3.94	-	.79	29	18	12	0	0	0	0	0	2	8	0	-	-		
	Ramsgate ...	9 9	80	6.9	2.7	4.8	-	10.6	29	-1.7	27	-	-	2.69	133	.66	3	17	14	1	-	0	0	0	0	3	-	-	2.00	112	
	Manston ...	21-9	145	6.3	2.1	4.2	-	10.6	28, 29, 30	-3.9	27	-	-	2.06	-	.47	3	15	10	1	0	0	0	0	0	7	11	2	-	-	
	Margate ...	9 9	51	6.7	2.7	4.7	-0.3	10.6	28, 29	-2.2	27	4.7	7.0	2.40	129	.49	3	17	13	0	0	0	0	0	0	3	12	1	1.81	103	
	Thorney Island ...	21-9	10	7.5	2.9	5.2	-	11.1	28	-2.8	12	-	-	4.33	145	1.21	29	17	14	0	0	0	3	2	0	7	16	0	1.95	-	
	Bognor Regis ...	9 9	24	7.4	2.5	4.9	-0.1	9.4	29	-1.7	12	-	7.6	4.74	150	1.87	29	15	14	0	0	0	2	2	0	6	13	1	2.19	102	
	Littlehampton ...	9 9	15	7.6	2.1	4.9	0.1	10.0	28, 29	-2.2	12	-	6.8	4.98	165	1.81	29	15	14	0	0	3	0	1	0	11	-	1	2.21	103	
	Rustington ...	9 9	10	7.4	1.4	4.4	-	10.6	28	-3.3	12	-	6.6	4.31	-	1.47	29	16	12	-	-	-	-	-	0	12	20	-	1.83	-	
	Worthing ...	9 9	25	7.5	2.5	5.0	0.1	10.0	28	-1.1	5, 12	4.7	7.2	4.79	163	1.77	29	17	12	0	0	2	0	3	1	6	17	2	2.10	97	
	Brighton ...	9 9	32	7.6	2.9	5.3	-	10.6	28	-1.1	12, 26	-	7.2	5.23	185	1.54	29	16	13	1	0	0	2	0	1	4	13	2	1.94	-	
	East Grinstead ...	9 9	440	6.6	1.0	3.8	-	10.0	28, 29, 31	-3.9	12	-	6.3	4.93	-	1.25	29	18	14	1	0	0	0	0	0	11	21	2	-	-	
	Seaford ...	9 9	45	7.6	2.3	4.9	-	10.6	28	-2.8	12	-	-	3.21	112	.83	29	14	12	-	-	-	-	-	0	8	-	-	2.01	-	
	Eastbourne ...	9 9	35	7.3	3.1	5.2	0.0	10.0	28, 29	-1.7	12, 27	4.9	8.1	5.80	178	1.57	29	16	15	1	-	0	1	1	0	3	12	3	2.10	106	
	Eastbourne (C/guard)	21-9	17	7.5	3.7	5.6	-	10.5	10, 28	-1.2	26	-	-	6.00	-	1.08	3	18	16	0	0	3	0	0	0	0	2	14	2	-	-
	Bexhill ...	9 9	14	7.3	2.7	5.0	0.2	10.0	29	-2.2	27	5.3	-	5.71	200	1.58	29	15	15	0	0	3	0	1	0	1	4	15	1	1.88	-
Berkshire	Sedlescombe ...	9 9	175	6.5	1.3	3.9	-	10.0	29	-3.9	27	-	-	6.06	-	1.38	29	19	16	0	0	3	0	2	0	10	21	3	-	-	
	Bodiam ...	9 9	73	7.0	2.5	4.7	-	9.4	10, 28, 29	-2.2	27	4.9	7.5	6.02	-	1.63	29	17	16	-	-	-	-	-	1	16	21	-	1.67	-	
	Hastings §	9 9	149	7.0	2.5	4.7	-0.2	9.4	10, 28, 29	-2.2	27	4.6	7.3	5.33	187	1.22	29	18	15	2	0	4	0	1	0	5	11	3	2.01	99	
	Letcombe Regis ...	9 9	350	6.2	0.4	3.3	-	11.1	29	-3.9	11, 12	-	-	3.02	-	.51	9	18	15												

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER JANUARY 1961

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. °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	-0.1in (1.0mm.) 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.	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.	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.	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.	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.	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.	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.	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.	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.	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.	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.	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.	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.	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.	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.	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.

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER JANUARY 1961

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			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	Maximum	Date	Minimum	Date	Total Fall	Per-cent- age of Average												Most in a day	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	%			
8b ENGLAND, S.W.																														
Somerset	Hawkrigg (Liscombe)	99	1030	5.6	0.8	3.2	-	9.4	27,29	-5.0	26	-	-	9.00	-	1.41	28	24	22	4	3	4	0	3	13	14	0	-	-	
	Cannington	99	95	7.4	1.8	4.6	-	12.2	29	-2.2	12	5.1	-	4.17	144	.61	1	18	17	0	0	3	0	2	0	11	20	2	1.32	-
	Weston-s.-Mare	99	28	7.6	2.5	5.1	-	11.1	13,29	-1.7	12	-	-	3.75	124	.56	29	17	16	0	0	0	3	2	0	7	21	3	1.35	80
	Long Ashton	99	162	7.5	1.9	4.7	0.0	11.7	28,29	-1.1	7,12,27	4.6	-	4.24	123	.64	1	19	14	1	0	1	1	2	0	10	21	0	1.18	76
Dorset	Bath (City)	99	388	6.8	1.3	4.1	-	11.1	29	-2.2	7,26,27	-	-	3.96	-	.64	28	20	13	0	0	1	0	1	0	13	14	0	-	-
	Boys' School	99	67	7.4	1.2	4.3	-0.5	11.7	29	-3.3	12	4.1	6.7	3.85	129	.56	28	19	14	1	0	1	0	1	0	11	25	2	1.20	768
	Portland Bill	21-9	35	8.1	5.2	6.7	0.1	11.0	5	-3.0	26	-	-	4.54	157	1.45	29	18	14	0	0	1	2	3	0	3	6	-	-	-
	Weymouth	99	16	8.6	3.3	5.9	0.0	11.1	28,29	-2.2	12	-	-	5.06	159	1.00	29	18	15	-	0	-	-	-	0	6	-	-	1.61	79
Devon	Shaftesbury	99	680	6.7	0.7	3.7	-0.1	9.4	29	-2.8	25,26,27	-	-	5.11	148	.95	29	20	18	-	0	-	-	-	11	17	-	-	-	-
	Swanage	99	37	8.1	2.8	5.5	-	10.6	28,29	-2.2	12	-	8.4	5.89	-	1.38	29	18	16	0	-	2	0	3	0	7	8	6	1.57	-
	Poole	99	18	7.9	1.4	4.7	-	11.1	28,29	-3.9	12	-	-	5.31	-	1.30	29	17	16	1	0	0	2	2	0	10	-	-	0.56	-
	Hartland Pt.	21-9	298	7.7	4.6	6.1	-	11.2	27	-1.1	26	-	-	5.50	-	.82	29	22	18	1	1	6	0	2	0	2	5	5	1.18	-
Devon	Plymouth (Mt. Batten)	21-9	87	8.5	4.1	6.3	-0.3	11.0	29	-1.7	12	-	-	6.70	155	1.11	24	22	19	1	0	4	1	3	1	5	12	4	1.36	74
	Plymouth (The Hoe)	99	119	8.8	3.3	6.1	-0.3	11.7	27	-1.1	5	5.6	7.8	6.17	144	1.08	24	23	18	0	0	1	0	1	0	4	10	6	1.24	66
	Tavistock	99	457	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Chivenor	21-9	20	8.1	3.9	6.0	-	11.4	27	-1.4	11	-	-	4.80	-	.57	28	22	19	2	0	3	3	2	0	4	11	3	1.28	-
Devon	Ilfracombe	99	25	8.3	4.1	6.3	-0.4	11.7	27	0.0	26,27	5.7	8.2	6.26	152	.77	1	20	18	0	0	1	1	1	0	2	10	1	0.80	53
	Princetown	99	1359	5.6	0.9	3.3	-	8.9	27,29	-3.9	25,26	-	-	13.60	126	2.24	29	23	21	-	3	-	-	-	9	12	29	-	-	-
	Totnes	99	120	8.7	1.7	5.2	-	11.7	27	-4.4	12	5.2	7.4	9.17	164	1.77	29	25	21	2	0	0	4	2	1	10	19	2	1.18	-
	Slapton	99	104	8.7	3.4	6.1	-	11.7	10	-1.1	12	-	-	7.53	-	1.65	29	23	19	0	0	2	2	2	0	5	16	1	-	-
Devon	Newton Abbot	99	272	8.1	2.3	5.2	-0.1	11.7	29	-2.8	12	-	-	7.43	158	1.06	29	22	19	1	1	0	0	2	0	6	23	0	1.26	66
	Paignton	99	8	8.9	2.8	5.9	-	11.7	27,28,29	-2.8	12	-	-	7.00	155	1.21	29	23	18	0	0	0	0	2	0	6	19	3	1.35	73
	Torquay	99	26	8.7	3.3	6.0	-0.3	11.7	27,29	-2.2	12	-	6.8	6.40	156	1.10	29	23	18	0	0	1	2	2	2	4	13	4	1.54	79
	Teignmouth	99	20	8.8	3.8	6.3	-0.2	12.2	27	-1.7	12	-	-	5.18	137	.84	27	22	18	0	0	0	1	2	0	2	11	4	1.49	75
Devon	Starcross	99	29	8.6	2.3	5.5	-	12.2	29	-2.8	12	4.9	-	5.67	-	.86	29	23	18	1	0	0	0	2	1	8	20	0	1.61	-
	Exeter (Southam)	99	160	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Exmouth	99	195	7.9	2.7	5.3	-0.4	11.1	27,29	-2.2	26	-	-	4.75	133	.80	29	20	17	0	0	1	0	2	1	5	-	6	1.59	84
	Exeter	21-9	106	8.0	2.9	5.5	-	12.2	29	-3.6	12	-	-	4.17	110	.55	27	21	15	3	0	1	2	2	0	6	19	2	1.49	-
Cornwall	Sidmouth	99	25	8.3	2.3	5.3	-0.5	11.7	29	-1.7	12,26	-	-	4.53	-	.76	27	18	18	-	0	-	-	-	0	8	14	-	-	1.64
	St. Mary's, Scilly	21-9	158	9.6	6.6	8.1	0.2	11.4	31	3.5	3	-	-	6.33	178	1.70	24	24	20	1	0	0	3	1	0	0	-	4	1.92	1008
	Penzance	99	62	9.9	4.6	7.3	-0.2	12.2	10	0.0	11,12,26	-	-	7.53	150	1.34	24	26	22	0	0	1	7	0	0	3	12	3	1.86	101
	Gulval	99	50	9.7	4.8	7.3	0.2	12.8	10	0.0	26	-	-	7.39	-	1.49	24	23	20	0	0	1	0	0	0	1	-	0	1.64	90
Cornwall	Culdrose	99	288	8.9	3.8	6.3	-	11.1	17,26,29	-1.1	26	-	-	6.56	-	1.54	24	27	23	0	0	4	0	0	0	3	7	3	2.04	-
	Camborne (Rosewarne)	99	250	8.8	4.3	6.5	-	11.7	29	0.0	11	6.0	7.4	7.34	-	1.52	24	28	20	1	0	6	0	0	0	1	8	1	1.81	-
	Lizard	99	240	9.2	5.4	7.3	-	11.0	10	0.6	26	-	-	7.87	199	1.82	11	28	23	0	-	1	0	0	-	0	-	9	1.38	-
	Falmouth	99	167	9.4	4.4	6.9	0.0	11.7	27	-0.5	26	-	-	8.23	158	1.55	24	27	22	0	0	1	2	0	0	1	12	2	1.32	70
Cornwall	Newquay	99	176	8.9	3.9	6.4	-0.2	11.7	26,27	-0.5	11,12	-	-	6.28	165	1.08	24	22	19	2	-	0	1	2	-	3	-	3	1.54	85
	St. Mawgan	21-9	337	8.4	3.9	6.1	-	11.2	10	-1.1	11	-	-	6.07	-	.87	29	22	21	1	0	6	0	0	0	3	9	3	1.74	-
	St. Austell	99	310	8.6	3.3	5.9	-	11.1	27,29	-0.5	5	-	-	7.64	136	1.22	24	26	20	2	0	0	3	0	0	3	-	2	-	-
	Fowey	99	51	9.1	3.8	6.5	-0.3	13.3	27	0.0	5,11,12	-	-	6.33	-	1.02	24	25	19	1	0	0	3	1	0	3	-	2	-	-
Cornwall	Bude	99	50	8.8	3.1	5.9	-0.4	12.2	27	-1.7	11,14	-	-	5.65	153	.74	2	22	21	1	2	7	0	2	-	7	-	1	1.25	68
	Ellbridge	99	190	8.4	2.3	5.3	-	11.7	28,29	-2.8	12	-	-	6.97	-	1.11	29	25	19	1	0	6	0	1	0	8	21	0	1.24	-
	NORTHERN IRELAND																													
	Londonderry	Eglinton	99	46	7.2	1.2	4.2	-	12.2	26,27	-2.8	11,16	-	-	3.32	-	.47	28	18	15	0	0	0	0	0	1	10	23	2	-
Ballykelly		21-9	3	7.0	1.7	4.3	-0.8	12.2	27	-5.0	11	-	-	2.54	74	.41	18	17	14	2	0	6	0	0	0	12	20	2	2.04	137
Garvagh		99	121	6.1	-0.3	2.9	-1.1	11.1	12,27	-6.7	16	3.1	-	3.96	95	.90	26	17	15	10	1	0	2	0	3	16	27	2	-	-
Portrush		99	18	-	-	-	-	-	-	-	-	-	-	3.40	-	.71	28	18	15	-	-	-	-	-	-	-	-	-	-	2.07
Antrim	Aldergrove	21-9	217	6.0	1.0	3.5	-0.8	11.5	27	-6.3	15	-	-	3.16	86	.46	20	17	15	5	2	1	0	-	0	1				
	Nutts Corner	21-9	338	5.8	1.1	3.5	-	11.1	12,27,28	-5.6	11	-	-	3.81	92	.57	7	19	17	3	3	0	1	0	0	10	26	0	-	-
	Parkmore Forest	99	779	6.2	0.8	2.7	-	8.9	14	-4.4	15	3.1	-	4.57	-	.85	29	15	15	-	-	-	-	-	24	-	-	-	-	-
	Hillsborough	99	388	6.4	1.0	3.7	-	11.1	29	-2.8	11	4.1	-	4.18	111	.90	20	19	16	2	1	0	0	0	0	9	25	0	1.97	136
Down	Kilkeel	21-9	59	6.8	3.0	4.9	-	10.2	29	-1.0	3,11,15																			

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.	3-5 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	0-4 yd.	4-10 yd.	10-16 yd.	16-32 yd.	32-64 yd.	64-128 yd.	128-256 yd.	256-512 yd.	512-1,024 yd.	1,024-2,048 yd.	2,048-4,096 yd.	4,096-8,192 yd.	8,192-16,384 yd.	16,384-32,768 yd.	32,768-65,536 yd.	65,536-131,072 yd.	131,072-262,144 yd.	262,144-524,288 yd.	524,288-1,048,576 yd.	1,048,576-2,097,152 yd.	2,097,152-4,194,304 yd.	4,194,304-8,388,608 yd.	8,388,608-16,777,216 yd.	16,777,216-33,554,432 yd.	33,554,432-67,108,864 yd.	67,108,864-134,217,728 yd.	134,217,728-268,435,456 yd.	268,435,456-536,870,912 yd.	536,870,912-1,073,741,824 yd.	1,073,741,824-2,147,483,648 yd.	2,147,483,648-4,294,967,296 yd.	4,294,967,296-8,589,934,592 yd.	8,589,934,592-17,179,869,184 yd.	17,179,869,184-34,359,738,368 yd.	34,359,738,368-68,719,476,736 yd.	68,719,476,736-137,438,953,472 yd.	137,438,953,472-274,877,906,944 yd.	274,877,906,944-549,755,813,888 yd.	549,755,813,888-1,099,511,627,776 yd.	1,099,511,627,776-2,199,023,255,552 yd.	2,199,023,255,552-4,398,046,511,104 yd.	4,398,046,511,104-8,796,093,022,208 yd.	8,796,093,022,208-17,592,186,044,416 yd.	17,592,186,044,416-35,184,372,088,832 yd.	35,184,372,088,832-70,368,744,177,664 yd.	70,368,744,177,664-140,737,488,355,328 yd.	140,737,488,355,328-281,474,976,710,656 yd.	281,474,976,710,656-562,949,953,421,312 yd.	562,949,953,421,312-1,125,899,906,842,624 yd.	1,125,899,906,842,624-2,251,799,813,685,248 yd.	2,251,799,813,685,248-4,503,599,627,370,496 yd.	4,503,599,627,370,496-9,007,199,254,740,992 yd.	9,007,199,254,740,992-18,014,398,509,481,984 yd.	18,014,398,509,481,984-36,028,797,018,963,968 yd.	36,028,797,018,963,968-72,057,594,037,927,936 yd.	72,057,594,037,927,936-144,115,188,075,855,872 yd.	144,115,188,075,855,872-288,230,376,151,711,744 yd.	288,230,376,151,711,744-576,460,752,303,423,488 yd.	576,460,752,303,423,488-1,152,921,504,606,846,976 yd.	1,152,921,504,606,846,976-2,305,843,009,213,693,952 yd.	2,305,843,009,213,693,952-4,611,686,018,427,387,904 yd.	4,611,686,018,427,387,904-9,223,372,036,854,775,808 yd.	9,223,372,036,854,775,808-18,446,744,073,709,551,616 yd.	18,446,744,073,709,551,616-36,893,488,147,419,103,232 yd.	36,893,488,147,419,103,232-73,786,976,294,838,206,464 yd.	73,786,976,294,838,206,464-147,573,952,589,676,412,928 yd.	147,573,952,589,676,412,928-295,147,905,179,352,825,856 yd.	295,147,905,179,352,825,856-590,295,810,358,705,651,712 yd.	590,295,810,358,705,651,712-1,180,591,620,717,411,303,424 yd.	1,180,591,620,717,411,303,424-2,361,183,241,434,822,648 yd.	2,361,183,241,434,822,648-4,722,366,482,869,645,296 yd.	4,722,366,482,869,645,296-9,444,732,965,739,290,592 yd.	9,444,732,965,739,290,592-18,889,465,931,478,581,184 yd.	18,889,465,931,478,581,184-37,778,931,862,957,162,368 yd.	37,778,931,862,957,162,368-75,557,863,725,914,324,736 yd.	75,557,863,725,914,324,736-151,115,727,451,828,649,472 yd.	151,115,727,451,828,649,472-302,231,454,903,657,298,944 yd.	302,231,454,903,657,298,944-604,462,909,807,314,597,888 yd.	604,462,909,807,314,597,888-1,208,925,819,614,635,177,776 yd.	1,208,925,819,614,635,177,776-2,417,851,639,229,270,355,552 yd.	2,417,851,639,229,270,355,552-4,835,703,278,458,540,711,104 yd.	4,835,703,278,458,540,711,104-9,671,406,556,917,081,422,208 yd.	9,671,406,556,917,081,422,208-19,342,813,113,834,162,844,416 yd.	19,342,813,113,834,162,844,416-38,685,626,227,665,688,832 yd.	38,685,626,227,665,688,832-77,371,252,455,331,377,664 yd.	77,371,252,455,331,377,664-154,742,504,910,662,755,328 yd.	154,742,504,910,662,755,328-309,485,009,821,325,510,656 yd.	309,485,009,821,325,510,656-618,970,019,642,651,021,312 yd.	618,970,019,642,651,021,312-1,237,940,039,285,302,042,624 yd.	1,237,940,039,285,302,042,624-2,475,880,078,570,604,085,248 yd.	2,475,880,078,570,604,085,248-4,951,760,157,141,208,170,496 yd.	4,951,760,157,141,208,170,496-9,903,520,314,282,416,340,992 yd.	9,903,520,314,282,416,340,992-19,807,040,628,564,832,681,984 yd.	19,807,040,628,564,832,681,984-39,614,081,257,129,665,363,968 yd.	39,614,081,257,129,665,363,968-79,228,162,514,259,327,727,936 yd.	79,228,162,514,259,327,727,936-158,456,325,028,518,655,455,872 yd.	158,456,325,028,518,655,455,872-316,912,650,057,037,310,911,744 yd.	316,912,650,057,037,310,911,744-633,825,300,114,074,621,823,488 yd.	633,825,300,114,074,621,823,488-1,267,650,600,228,149,243,646,976 yd.	1,267,650,600,228,149,243,646,976-2,535,301,200,456,298,487,952 yd.	2,535,301,200,456,298,487,952-5,070,602,400,912,596,975,904 yd.	5,070,602,400,912,596,975,904-10,141,204,801,825,193,951,808 yd.	10,141,204,801,825,193,951,808-20,282,409,603,650,387,903,616 yd.	20,282,409,603,650,387,903,616-40,564,819,207,300,775,807,232 yd.	40,564,819,207,300,775,807,232-81,129,638,414,601,551,614,464 yd.	81,129,638,414,601,551,614,464-162,259,276,829,203,102,322,928 yd.	162,259,276,829,203,102,322,928-324,518,553,658,406,204,645,856 yd.	324,518,553,658,406,204,645,856-649,037,107,316,812,409,291,712 yd.	649,037,107,316,812,409,291,712-1,298,074,214,633,624,818,423,424 yd.	1,298,074,214,633,624,818,423,424-2,596,148,429,267,247,636,846,848 yd.	2,596,148,429,267,247,636,846,848-5,192,296,858,534,495,273,693,696 yd.	5,192,296,858,534,495,273,693,696-10,384,593,717,068,990,547,387,392 yd.	10,384,593,717,068,990,547,387,392-20,769,187,434,137,981,094,774,784 yd.	20,769,187,434,137,981,094,774,784-41,538,374,868,275,962,189,549,568 yd.	41,538,374,868,275,962,189,549,568-83,076,749,736,551,936,379,119,136 yd.	83,076,749,736,551,936,379,119,136-166,153,499,473,103,758,758,278,272 yd.	166,153,499,473,103,758,758,278,272-332,306,998,946,207,517,516,556 yd.	332,306,998,946,207,517,516,556-664,613,997,892,415,035,033,112 yd.	664,613,997,892,415,035,033,112-1,329,227,995,784,830,070,066,224 yd.	1,329,227,995,784,830,070,066,224-2,658,455,991,569,660,140,052,448 yd.	2,658,455,991,569,660,140,052,448-5,316,911,983,139,320,280,104,896 yd.	5,316,911,983,139,320,280,104,896-10,633,823,966,278,640,560,209,792 yd.	10,633,823,966,278,640,560,209,792-21,267,647,932,557,281,120,419,584 yd.	21,267,647,932,557,281,120,419,584-42,535,295,865,114,562,240,839,168 yd.	42,535,295,865,114,562,240,839,168-85,070,591,730,229,124,478,678,336 yd.	85,070,591,730,229,124,478,678,336-170,141,183,460,458,248,956,672 yd.	170,141,183,460,458,248,956,672-340,282,366,920,916,497,913,344 yd.	340,282,366,920,916,497,913,344-680,564,733,841,834,985,888 yd.	680,564,733,841,834,985,888-1,361,129,467,683,669,971,776 yd.	1,361,129,467,683,669,971,776-2,722,258,935,367,339,943,552 yd.	2,722,258,935,367,339,943,552-5,444,517,870,734,679,887,104 yd.	5,444,517,870,734,679,887,104-10,889,035,741,469,359,774,208 yd.	10,889,035,741,469,359,774,208-21,778,071,482,938,719,548,416 yd.	21,778,071,482,938,719,548,416-43,556,142,965,877,439,096,832 yd.	43,556,142,965,877,439,096,832-87,112,285,931,754,878,193,664 yd.	87,112,285,931,754,878,193,664-174,224,571,863,509,747,328 yd.	174,224,571,863,509,747,328-348,449,143,727,019,494,656 yd.	348,449,143,727,019,494,656-696,898,287,454,038,989,312 yd.	696,898,287,454,038,989,312-1,393,796,574,908,077,978,624 yd.	1,393,796,574,908,077,978,624-2,787,593,149,816,155,957,248 yd.	2,787,593,149,816,155,957,248-5,575,186,299,632,311,914,496 yd.	5,575,186,299,632,311,914,496-11,150,372,599,264,623,828,992 yd.	11,150,372,599,264,623,828,992-22,300,745,198,529,247,657,984 yd.	22,300,745,198,529,247,657,984-44,601,490,397,058,495,315,968 yd.	44,601,490,397,058,495,315,968-89,202,980,794,116,990,631,936 yd.	89,202,980,794,116,990,631,936-178,405,961,588,233,981,273,872 yd.	178,405,961,588,233,981,273,872-356,811,923,176,467,962,547,744 yd.	356,811,923,176,467,962,547,744-713,623,846,352,934,925,095,488 yd.	713,623,846,352,934,925,095,488-1,427,247,692,705,869,850,176,976 yd.	1,427,247,692,705,869,850,176,976-2,854,495,385,411,739,701,353,952 yd.	2,854,495,385,411,739,701,353,952-5,708,990,770,823,479,402,707,904 yd.	5,708,990,770,823,479,402,707,904-11,417,981,541,646,958,805,408 yd.	11,417,981,541,646,958,805,408-22,835,963,083,293,917,610,816 yd.	22,835,963,083,293,917,610,816-45,671,926,166,587,821,221,632 yd.	45,671,926,166,587,821,221,632-91,343,852,333,175,642,443,264 yd.	91,343,852,333,175,642,443,264-182,687,704,666,351,284,886,528 yd.	182,687,704,666,351,284,886,528-365,375,409,332,702,569,773,056 yd.	365,375,409,332,702,569,773,056-730,750,818,665,405,139,546,112 yd.	730,750,818,665,405,139,546,112-1,461,501,637,330,810,279,092,224 yd.	1,461,501,637,330,810,279,092,224-2,923,003,274,661,620,558,184 yd.	2,923,003,274,661,620,558,184-5,846,006,549,323,241,116,368 yd.	5,846,006,549,323,241,116,368-11,692,013,098,646,482,232,736 yd.	11,692,013,098,646,482,232,736-23,384,026,197,292,964,465,472 yd.	23,384,026,197,292,964,465,472-46,768,052,394,585,928,934,944 yd.

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS JANUARY 1961

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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TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS JANUARY 1961

[illegible]

* previously known as "Elmdon"

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS JANUARY 1961

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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TABLE XIII—SOLAR RADIATION AND INTENSITY OF DAYLIGHT, JANUARY

1961

STATION	TOTAL RADIATION ON A HORIZONTAL SURFACE mw. hr./cm ²						DIFFUSE RADIATION ON A HORIZONTAL SURFACE mw. hr./cm ²						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	62	31	2	27	22.2	31	40	30	2	27	18.3	31	57	31	4	21, 27	21.2	31
Eskdalemuir	127	20	8	12	53.5	31	64	30	8	12	36.5	31	124	20	8	12	53.5	31
Cambridge	143	26	13	6, 24	63.7	31	91	30	13	6, 22, 24	45.4	31	-	-	-	-	-	-
Kingsway	143	31	9	24	58.7	31	87	31	9	24	45.4	31	149	31	9	25	59.9	27
Kew	131	31	10	17	55.7	31	72	30	9	17	37.0	31	136	31	9	25	57.9	31
Aberporth	150	14	14	3	66.3	31	78	30	13	3	44.5	31	-	-	-	-	-	-

TABLE VIII—NUMBER OF DAYS IN JANUARY 1961 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	14	17	0	0	0	0	0	0	0	Birmingham	1	18	11	1	0	0	0	0	0	0
Stornoway	0	8	23	0	0	0	0	0	0	0	Kew Observatory	0	7	22	2	0	0	0	0	0	0
Craibstone	0	21	10	0	0	0	0	0	0	0	Hastings	0	7	24	0	0	0	0	0	0	0
Rothsay	0	12	19	0	0	0	0	0	0	0	Southampton	0	3	23	5	0	0	0	0	0	0
Renfrew	0	14	17	0	0	0	0	0	0	0	Stonyhurst	1	17	12	1	0	0	0	0	0	0
Eskdalemuir	1	24	6	0	0	0	0	0	0	0	Bidston Observatory	0	10	18	3	0	0	0	0	0	0
Douglas	0	5	25	1	0	0	0	0	0	0	Holyhead (Valley)	0	4	26	1	0	0	0	0	0	0
Cockle Park	0	18	13	0	0	0	0	0	0	0	Falmouth	0	0	21	10	0	0	0	0	0	0
Gorleston	1	7	22	1	0	0	0	0	0	0	Aldergrove	0	12	16	3	0	0	0	0	0	0
Cambridge	0	12	17	2	0	0	0	0	0	0	Armagh	0	6	20	5	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		Difference from Aver- age	Highest Maximum and Lowest Minimum			1 ft.	4 ft.	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. O.C. or less	Gale	Daily Mean	Per- cent- age of Aver- age		
				A	B		Maximum	Date	Minimum					Date	Amount	Date	-0.01in. (0.2mm.) or more												-0.04in. (1.0mm.) or more	
				Max.	Min.																									
1959		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.		°C.	°C.	in.	%	in.															hr	%
AUGUST	OSWESTRY											2.85																		
ANNUAL	OSWESTRY											37.90																		
DECEMBER	MALVERN			47.7								28.46	98																	
ANNUAL	BIDSTON																													
ANNUAL	CANNINGTON			59.6		52.4						1.12																		
ANNUAL	BUXTON																													
ANNUAL	SHINFIELD																												18	
1960																														
JANUARY	LINCOLN			43.4		37.7																								
JANUARY	LONG SUTTON			42.4		37.9	0.6																							
JANUARY	ELLERIDGE																													
JANUARY	NELSON			41.6		37.2																								
FEBRUARY	WHITSTABLE			47.6		42.2																								
FEBRUARY	ASKHAM BRYAM			44.1																										
FEBRUARY	WORCESTER (Redhill)			45.3																										
FEBRUARY	BRIDLINGTON			43.3		38.4																								
FEBRUARY	CIRENCESTER			43.6		37.9																								
MAY	USK																													5.15
JUNE	EAST BERGHOLT																													
JUNE	LETCHEWORTH									43° F	15																			
JUNE	HODDESDON																													
JUNE	ABERYSTWYTH																													
JUNE	NEWPORT (Mon.)																													
JUNE	WEYMOUTH																													
JUNE	DOUGLAS																													
SEPTEMBER	GATWICK											3.72																		
SEPTEMBER	NEWPORT (Mon.)																													
SEPTEMBER	LONDON AIRPORT											2.97	147																	
SEPTEMBER	MOUNT BATTEN																													
SEPTEMBER	POULTON-LE-FYLDE			51.8																										
OCTOBER	AMPLEFORTH																													
OCTOBER	BATH (Boys' School)											7.67																		
OCTOBER	GUERNSEY																													

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DUPLICATE

Monthly Weather Report

OF THE METEOROLOGICAL OFFICE

M.O. 701

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

Volume 78 Number 2

Published by HER MAJESTY'S STATIONERY OFFICE



February 1961 — Unusually mild

The month was mainly cyclonic in character although an anticyclone centred over or near Germany dominated the weather during the third week.

The month opened mild and generally sunny, but weather soon became changeable and unsettled. There was rain at times in England and Wales on the night of the 1st and on the 2nd, and showers, some of snow, in Scotland. The 3rd and the 4th were mainly fine days although on the night of the 3rd a wide belt of rain, with snow in the north, moved eastward across the whole country. There was widespread rain also on the 5th associated with troughs of a complex depression to the north of Scotland. On the 6th, north-westerly winds reached gale force in many places, and showers became general behind a small depression as it moved eastwards across Scotland to the North Sea; thunderstorms occurred locally. The 7th and 9th were warm, sunny days with afternoon temperatures reaching 12°C–13°C in places, but the 8th was mild and wet as the warm sector of a complex depression near Iceland moved eastward across the whole country.

By the 10th an anticyclone was centred over western Europe and rain over the British Isles tended to become less frequent. Fog formed extensively over south-east England on the calm, clear night of the 13th/14th but cleared quickly the following morning giving place to a sunny and exceptionally warm day for the time of year. Afternoon temperatures exceeded 17°C in many places in east and south-east England and reached 18°C locally in Kent. In marked contrast the following day was dull and misty in southern districts; in the London area afternoon temperatures failed to reach 10°C.

During the next three or four days pressure remained high over western Europe and a moist, southerly airstream covered the British Isles. Mist and fog became widespread, and although there was some improvement inland during the afternoons, extensive banks of sea fog persisted all day on southern and western coasts.

From 18th to 23rd a complex system of depressions near Iceland maintained fresh south to south-west winds over north-western parts of the British Isles and there were good sunny periods. In southern districts, however, winds were light and variable and weather generally dull with a good deal of mist or fog. During the afternoon of the 20th, easterly winds spread over southern England extending to the whole country the next day as the anticyclone over Germany developed northwards and eastwards. Except for the western seaboard, weather continued dry almost everywhere and by the 23rd there had been in the London area 15 days without measurable rain, the longest such dry period since September 1959.

The general character of the weather changed on the 23rd as the first of a series of fronts from the Atlantic brought rain to parts of south-west England. The next day the blocking anticyclone over Europe declined somewhat and moved eastwards, and from then until the end of the month weather over the British Isles was of a generally unsettled and wet westerly type. There was widespread rain and strong winds on the 24th, 25th and 26th as a succession of active troughs, associated with a complex low pressure area near Iceland, moved north-eastwards over the British Isles; gales were unusually severe on the night of the 26th with gusts exceeding 75 kt at a number of places in Scotland and Northern Ireland; at Tiree a gust of 101 kt was recorded. On the 27th there was heavy rain in southern England as a shallow depression moved eastwards along the English Channel, and on the last day of the month a small disturbance gave fairly extensive rain in the Midlands.

Pressure and Wind — Mean pressure was below the average over a large part of Scotland but above the average elsewhere, the deviation from average at 9h ranging from -2.3 mb at Tiree to +3.7 mb at

Plymouth. Winds were generally between west and south-west until the 14th, becoming mainly southerly until the 20th, and between south and south-east until the 23rd, after which south-westerly winds predominated. Gales, severe at times, were frequent during the first and last weeks of the month; they were widespread on the 6th–7th and 26th–27th. Wind reached gale force on 22 days in Scotland and on the 1st–11th, 13th, 14th, 17th, 22nd–24th and 26th–28th (20 days) in England and Wales. On the evening of the 26th a gust of 101 kt was recorded at Tiree, the highest gust ever recorded by a pressure-tube anemograph in the United Kingdom. The same day a gust of 89 kt was recorded at Lissiemouth.

Temperature — The outstanding feature of the month's weather was its mildness. Mean temperatures were considerably above the 1921–50 average almost everywhere, the excess being 2.7°C in England and Wales, where it was the mildest February since at least 1901, 1.8°C in Scotland, where it was the mildest February for 16 years and 2.2°C in Northern Ireland. The greatest excess was in southern England where nights were unusually mild and frosts very infrequent; at Hastings, Worthing and Bath it was the mildest February since 1926 while Hampstead and Kew had their mildest February since their records began in 1910 and 1871 respectively.

Extremes included: (England and Wales) 18.3°C at Bromley on the 14th, -6.1°C at Moor House on the 4th; (Scotland) 15.6°C at Largs on the 16th, -11.1°C at Glenshee Lodge on the 5th; (Northern Ireland) 13.9°C at Tollymore Park on the 17th, -3.6°C at Aldergrove on the 3rd.

Precipitation — The general precipitation expressed as percentage of the 1916–50 average was 105 in England and Wales, where it was the eighth successive month with above average rainfall, 125 in Scotland and 130 in Northern Ireland. Less than half the average was recorded locally on the Norfolk coast, but more than 150 per cent of the average occurred on the Somerset Plain, around the Thames Estuary, in the lower Clyde Valley, over north-western Scotland and in the lower Foyle Valley. The middle of the month was relatively dry and by the 23rd many stations in southern England had had 15 days or more without measurable rain.

Thunder was heard locally in Scotland on the 6th–9th and 27th–28th, and in England and Wales on the 1st, 2nd, 4th, 6th, 11th, 13th and 24th–26th.

Sleet and snow fell widely in Scotland during the first week and snow lay several inches deep in places on the 2nd–5th. In northern England and the Midlands snow was widespread on the 6th and occurred at one place or another on the 1st, 5th, 11th, 24th, 26th–28th.

Sunshine — The general sunshine expressed as a percentage of the 1921–50 average was 99 in England and Wales, 104 in Scotland and 103 in Northern Ireland. Most of England and Wales had less than average sunshine the deficit being most pronounced in the south-west. A few days of brilliant sunshine, however, raised the totals for the month above average in south Lancashire, North Wales and in west and north-west Scotland.

Fog — In Scotland fog was fairly widespread on the 22nd–25th and it occurred locally almost daily during the first two weeks. In England and Wales it was widespread on 15th–18th and around the 23rd and occurred at one place or another on the 1st–8th, 12th and 14th–25th.

Miscellaneous Phenomena — The aurora was visible in Scotland on 14 nights. A tornado, accompanied by heavy rain, caused damage to buildings in Buckinghamshire on the 25th.

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

MWRdup

TABLE I—DISTRICT VALUES— February

1961

(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.	%		%
15.6	-10.6	+1.3	+1.3	+1.3	—	—	138	+1	106	
Eastern										
1 SCOTLAND, E.	15.0	-11.1	+2.2	+1.7	+2.0	—	—	96	0	112
2 ENGLAND, N.E.	14.5	- 5.0	+2.3	+2.0	+2.2	+1.2	+0.2	72	-2	103
3 ENGLAND, E.	17.2	- 4.2	+2.6	+2.8	+2.7	+1.8	+0.3	122	+1	99
4 MIDLAND COUNTIES	17.2	- 4.4	+2.8	+3.1	+2.9	+1.6	+0.5	103	0	102
5 ENGLAND, S.E.	18.3	-2.2	+2.6	+3.4	+3.0	+2.1	+0.7	118	+3	98
Western										
6 SCOTLAND, W.	13.3	-5.5	+1.9	+2.4	+2.1	+1.4	+0.3	139	+2	93
7 ENGLAND, N.W. (and N. Wales)	16.7	-6.1	+2.7	+2.3	+2.5	+1.1	+0.7	115	0	112
8 ENGLAND, S.W. (and S. Wales)	16.1	-1.7	+2.3	+3.1	+2.7	+2.2	+0.4	108	+2	81
NORTHERN IRELAND	13.9	-3.6	+2.1	+2.2	+2.2	-	-	134	0	103

TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— February 1961

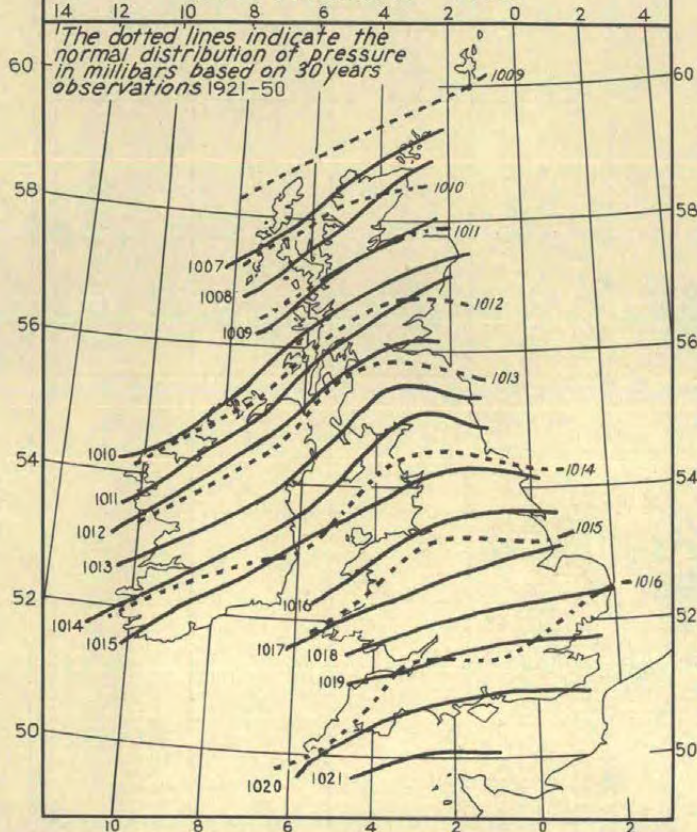
(1914)

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	310	53	37	10, 20, 26, 27,	27	21	204	313	113	15	0	18.1	270	47	27	03	71	27	0325
	Orkney	Kirkwall (Grimsetter)	135	51	33	10, 26, 27,	10	16	120	391	125	26	0	16.0	270	46	26	24	73	26	2325
	Caithness	Dounreay	110	39	30	26	1	14	94	356	211	0	10	14.3	270	37	26	23	66	26	2225
		Halkirk (Olgrinbeg)	272	40	40	26	1	8	32	284	274	66	15	11.0	250	36	26	23	57	26	2220
	Ross & Cromarty	Stornoway (Coastguard)	120	40	36	8-10, 13-17	79	24	254	258	58	23	0	21.5	210	47	17	08	65	19	1210
	Inverness	Duirinish	125	65	55	8, 10, 26	6	17	163	278	180	45	0	15.1	200	44	26	20	75	26	1950
		Benbecula	69	51	35	9, 10, 19, 23, 26, 28	10	25	265	276	102	19	0	18.7	320	45	26	19	62	26	1845
1	Moray	Lossiemouth	79	59	45	10, 26	4	10	54	261	203	149	1	10.8	220	60	26	21	89	26	2045
	Aberdeen	Dyce	225	40	40	-	0	6	16	190	305	161	0	8.4	210	32	26	21	51	26	1930
	Angus	Bell Rock Lighthouse	128	131	124	9, 10, 26, 27	27	23	172	348	109	16	0	17.7	200	45	26	24	63	26	2325
	Perth	Rannoch	1006	56	57	26,	3	8	34	299	221	95	20	10.6	-	42	26	19	66	26	1805
	Fife	Leuchars	75	42	40	*															
	Midlothian	Edinburgh	485	39	23	26	3	11	54	259	227	129	0	10.8	200	36	26	19	66	26	1655
6a	Argyll	Tiree	89	60	47	5-11, 17, 22-24, 26	33	26	341	213	53	32	0	21.0	270	56	26	19	101	26	1750
	Bute	Millport	50	34	34	26	1	14	66	354	174	57	20	13.3	200	34	26	17	63	26	1815
	Renfrew	Paisley	188	81	31	-	0	3	7	155	334	176	0	7.2	170	25	26	16	56	26	1610
		Renfrew	71	41	39	26	1	7	20	278	302	71	0	10.0	200	34	26	17	64	26	1625
	Ayr	Prestwick Airport	35	33	33	-	0	7	30	343	266	33	0	11.6	290	31	7	02	55	26	1620
	Dumfries	Eskdalemuir	825	50	35	26	2	10	53	245	179	193	0	10.0	200	35	26	17	59	9	0655
ENGLAND AND WALES																					
6b	Isle of Man	Point of Ayre	70	40	35	6, 7, 26	9	15	99	329	200	35	0	14.1	270	39	6	22	63	6	2135
2	Durham	Durham	389	53	33	4															
		South Shields	73	57	44	-	0	4	9	260	335	68	0	9.7	250	26	7	01	48	6	2359
	Lincoln	Cranwell	288	47	47	6, 7	2	12	105	226	219	120	0	11.7	270	36	6	12	65	6	1100
3	Norfolk	Gorleston	52	42	34	-	0	7	29	273	313	57	0	10.2	240	31	6	13	51	6	1230
	Suffolk	Mildenhall	98	83	60	6,	1	5	41	216	355	59	0	10.2	250	35	6	12	59	6	1135
		Felixstowe	85	75	65	1, 6,	2	5	50	218	269	133	0	10.4	290	37	1	03	68	1	0220
	Bedford	Cardington	226	133	133	6,	4	11	107	242	294	25	0	13.2	210	39	6	11	62	6	1050
	Hertford	Rothamsted	461	41	33	-	0	0	0	168	427	77	0	7.7	230	21	6	11	47	6	1050
		Stanstead Abbots	138	41	40	-	0	2	6	198	393	75	0	8.3	310	25	7	11	49	6	1050
	Essex	Coryton	66	57	48	-	0	3	8	199	337	122	6	8.0	230	29	6	12	51	6	1125
		Shoeburyness	118	106	91	6	3	8	73	212	275	109	0	10.9	220	39	6	11	52	6	1145
4	Yorks, W.R.	Sheffield	533	83	35	-	0	3	3	192	265	212	0	7.4	220	22	6	19	49	1	0020
	Warwick	Birmingham	643	118	73	-	0	1	1	211	434	26	0	9.0	260	23	6	11	47	6	1010
	Stafford	Keele	706	50	40	-	0	3	7	175	372	118	0	8.0	190	24	26	15	50	6	2350
	Gloucester	Avonmouth	92	61	33	6	3	13	87	199	173	155	55	11.5	190	38	6	10	53	6	1330
5	London	Kingsway	231	160	40	-	0	6	15	318	339	0	0	11.6	240	26	6	12	55	6	1000
	Middlesex	London Airport	115	33	33	-	0	7	48	212	382	30	0	10.5	250	33	6	11	50	6	1040
		Hampton	139	101	100	-	0	6	19	221	321	111	0	9.2	250	32	6	11	53	6	1035
	Surrey	Kew Observatory	92	75	50	-	0	1	2	188	333	149	0	7.7	240	27	6	11	50	6	1035
		Gatwick	232	38	33	-	0	4	14	245	302	111	0	9.4	240	28	6	11	50	6	1100
	Kent	Isle of Grain	48	40	33	-	0	2	12	181	223	249	7	7.1	230	31	6	11	51	6	1155
		Dungeness	70	50	33	-	0	4	33	256	292	85	6	10.3	190	33	6	9	54	6	1115
	Sussex	Thorney Island	75	65	42	-	0	1	2	205	199	266	0	7.0	220	27	6	10	46	6	0920
	Hampshire	Southampton (Eastleigh)	95	60	41	-	0	7	32	235	344	61	0	10.2	240	33	6	10	49	6	1005
		Calshot	50	41	33	-	0	5	43	302	318	9	0	12.0	210	33	6	09	55	6	0925
		S. Farnborough	318	69	35	-	0	2	5	137	198	332	0	5.7	250	31	6	11	56	6	1025
	Berkshire	Abingdon	295	40	40	-	0	8	37	229	285	121	0	9.7	(250)	(28)	(6 11)	(49)	(6 1015)		
	Wiltshire	Larkhill	491	51	36	-	0	8	27	217	358	70	0	9.7	250	33	6	10	57	6	0930
		Porton	406	44	44	-	0	6	27	235	287	123	0	9.6	260	30	6	10	51	6	0930
7a	Cumberland	Sellafield	83	39	35	6, 7, 26	3	12	47	389	193	20	20	13.3	150	34	26	14	52	6	2215
		Spadeadam	959	51	40	6, 26	4	12	59	353	217	25	14	13.0	220	35	26	18	58	26	1750
	Westmorland	Moor House	1960	50	45	7, 13, 14, 26,	5	21	157	284	114	39	73	16.1	230	34	26	08	57	7	0055
	Lancashire	Southport	59	41	33	6, 7,	11	11	71	197	302	90	1	11.1	270	42	6	24	60	6	2330
		Speke	180	100	65	6, 9, 26,	11	13	87	359	207	8	0	14.5	240	38	6	18	60	6	2230
	Cheshire	Bidston Observatory	282	64	39	6, 7,	7	12	94	268	248	4	51	-	270	41	7	02	69	7	0100
		Manchester Airport	318	70	30	-	0	6	39	323	280	30	0	12.0	180	31	26	14	49	26	1225
7b	Anglesey	Holyhead (Valley)	76	50	40	6, 7, 26,	9	15	110	337	140	76	0	14.4	180	41	26	12	58	26	1115
8a	Cardigan	Aberporth	483	41	41	4, 6, 7, 26	11	16	141	360	147	13	0	16.1	260	39	6	24	62	26	1120
	Pembroke	Milford Haven	246	50	35	-	0	8	54	368	213	37	0	12.8	(300)	(33)	(7 02)	54	26	1140	
	Glamorgan	Port Talbot	91	40	35	6	1	7	26	321	280	44	0	11.4	290	34	6	09	58	6	0815
		Rhosee	257	37	32	-	0	6	30	242	352	48	0	10.4	290	30	6	09	45	6	1925
8b	Devon	Plymouth	191	88	65	26	3	11	70	347	238	14	0	13.3	-	37	26	14	49	26	1315
	Cornwall	St. Mary's, Scilly	230	65	57	2, 3, 6	26	14	113	313	173	47	0	15.4	280	43	2	20	68	2	0540
		The Lizard	315	75	60	1, 2, 3, 4, 6, 7, 9, 26	54	17	193	253	161	11	0	17.9	280	46	2	20	66	2	1525
NORTHERN IRELAND																					
	Londonderry	Ballykelly	52	50	35	26	3	11	45	296	215	113	0	10.9	220	44	26	16	75	26	1535
	Antrim	Aldergrove	281	65	55	26	2	14	75	424	145	26	0	14.3	210	37	26	15	63	26	1435
		Nutts Corner	344	31	31	-	-	-	-	-	-	-	-	-	200	32	26	15	55	26	1445
CHANNEL ISLES																					
		Jersey Airport	359	86	80	2, 3, 6,	19	15	102	285	228	38	0	14.2	270	41	2	09	74	2	1335

MONTHLY WEATHER CHARTS

FEBRUARY 1961

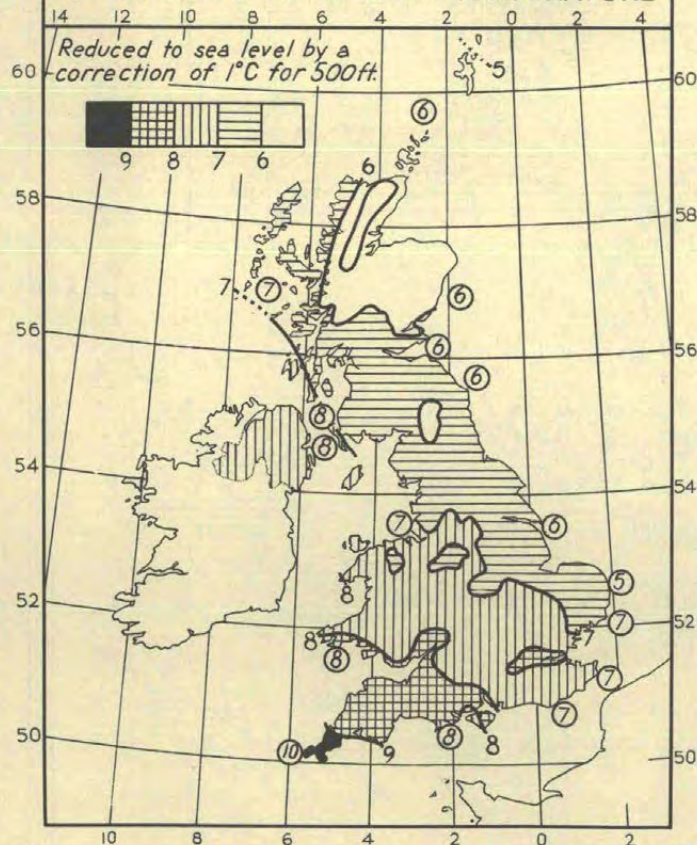
1. MEAN PRESSURE 9 A.M.



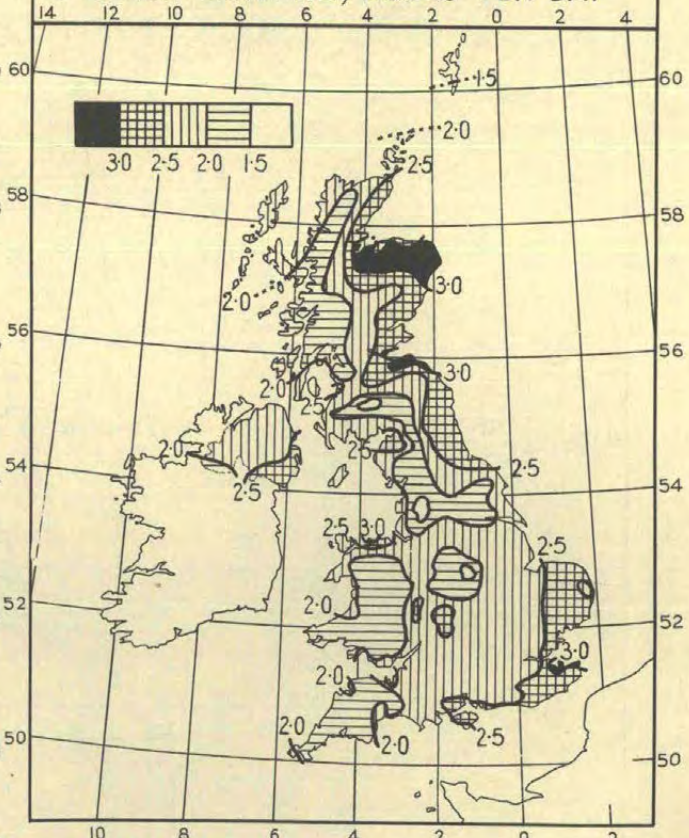
2. MOVEMENTS OF DEPRESSIONS



3. DISTRIBUTION OF MEAN TEMPERATURE



4. BRIGHT SUNSHINE, HOURS PER DAY



RAINFALL

FEBRUARY 1961

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

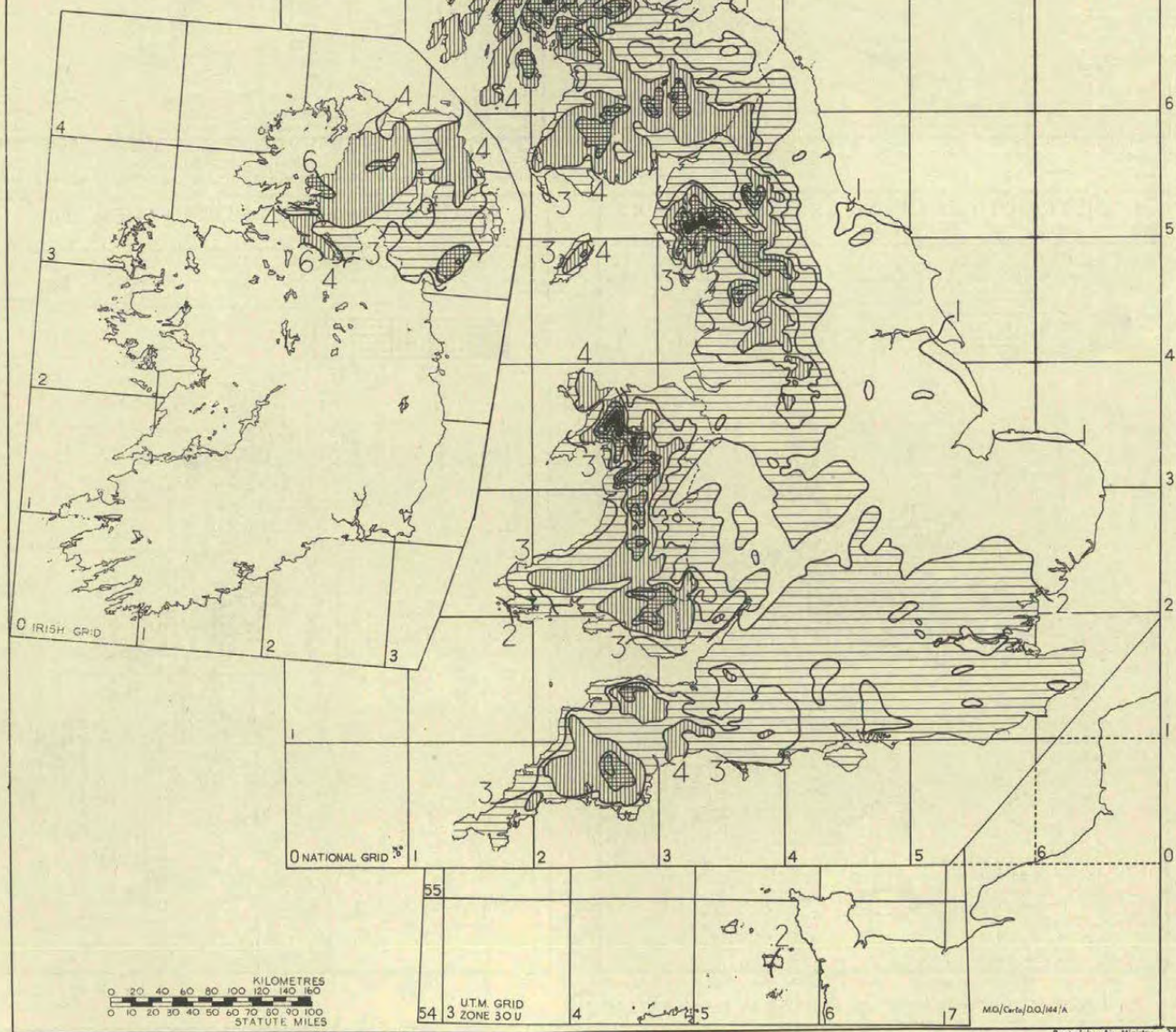
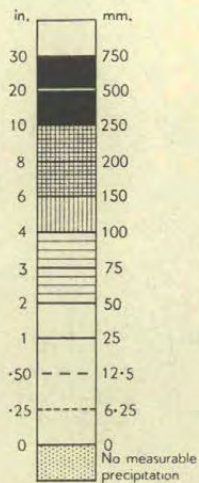


TABLE III — SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER February 1961

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		Differ- ence 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	0.01 in. (0.2mm.) or more	0.04 in. (1.0mm.) or more	Snow or Sleet																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
			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.	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.	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.	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.	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.	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.	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.	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.	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.	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.	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.	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.	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.	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.	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.	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.

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER February 1961

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						Rainfall		Number of days				BRIGHT													
			A	B	C	D	Maximum	Date	Minimum	Date	1 ft.	4 ft.	Total Fall	Percentage of Average	Most in a day	Precip'n	Snow or Sleet	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.	Mean of A and B	Difference from Average	Maximum	Date	Minimum	Date	1 ft.	4 ft.	Total Fall	Percentage of Average	Amount	Date	-0.1in. (0.2mm.) or more	-0.1in. (1.0mm.) or more	Shov 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	Penicuik	9 9	620	8.1	2.2	5.1	-	12.8	19	-2.2	5	3.7	-	2.41	-	.42	8	16	11	2	1	0	1	1	7	20	1	2.71	-	8		
cont.	Bush House	9 9	605	8.1	2.1	5.1	-	12.8	19	-3.3	5	3.6	3.7	2.40	-	.43	5	17	13	3	2	0	0	0	1	7	19	0	-	-	-	
	Edinburgh—																															
	Blackford Hill	9 9	441	8.8	3.3	6.1	+2.3	14.4	19	-1.1	4	-	-	1.77	105	.31	5	15	13	2	1	0	0	0	0	3	11	0	2.97	11	-	
	Liberton	9 9	200	9.3	3.2	6.3	-	13.9	20	-2.8	5	-	-	1.77	-	.29	4	17	12	1	2	0	0	0	0	1	8	0	3.39	-	-	
	Botanic Garden	9 9	74	9.4	2.7	6.1	-	14.4	19	-3.3	5	4.3	-	1.96	-	.34	5	15	13	2	2	0	0	0	0	1	11	0	2.82	-	-	
E. Lothian	Haddington	9 9	162	9.3	2.6	5.9	-	15.0	19	-1.1	3,4,5	-	-	1.13	-	.22	5	14	9	2	1	0	0	0	0	7	15	0	3.10	-	-	
	North Berwick	9 9	51	9.9	3.3	6.6	+2.7	14.4	19	-0.5	4,5	-	-	1.51	102	.26	4	15	10	1	1	1	0	0	0	0	0	0	3.32	137	-	
	Dunbar	9 9	75	9.4	3.3	6.3	-	15.0	19	-0.5	4	-	-	1.05	-	.19	5,8	12	9	1	0	3	0	0	0	3	10	0	3.93	-	-	
	Marchmont	9 9	498	7.9	2.2	5.1	+2.1	11.1	10,18,19	-2.2	5	-	-	2.02	93	.42	5	14	13	2	1	0	0	0	0	6	-	3	2.26	1108	-	
	St. Abb's Head	9 9	245	8.0	4.5	6.3	-	12.2	19	0.0	4	-	-	1.17	-	.26	5	10	8	1	1	0	0	0	0	1	2	3	-	-	-	
Peebles	Broughton	9 9	741	7.7	2.2	4.9	-	10.6	8,19	-5.0	3	-	-	4.45	-	.57	25	19	16	2	1	0	0	0	0	8	14	1	-	-	-	
	Blyth Bridge	9 9	830	7.4	2.0	4.7	-	12.2	19	-3.3	3	-	-	3.06	-	.52	5	19	12	4	3	0	2	1	1	8	19	1	2.72	-	-	
	West Linton	9 9	800	7.8	1.7	4.7	-	12.2	19	-2.8	3,5,22	3.2	3.6	2.69	-	.51	5	18	15	3	1	2	0	1	0	7	14	0	-	-	-	
	Peebles	9 9	645	8.4	-	-	-	12.8	19	-	-	-	-	3.11	-	.52	26	16	13	4	3	1	0	1	0	1	18	4	2.49	-	-	
	Peebles (Glenfress)	9 9	580	8.7	2.3	5.5	-	15.0	19	-3.9	3	-	-	2.85	-	.37	5	13	12	4	3	0	0	1	0	9	-	0	-	-	-	
Selkirk	Selkirk (Bowhill)	9 9	600	7.9	2.2	5.1	-	11.7	10	-3.3	5	-	-	2.89	-	.38	25	18	15	5	4	0	0	0	5	8	-	1	-	-	-	
Roxburgh	Hawick (Wauchope)	9 9	560	8.2	1.2	4.7	-	11.7	19	-3.3	27	-	-	2.44	-	.38	5	18	12	-	3	-	-	-	0	14	-	-	-	-	-	
	Sourhope	9 9	900	7.4	2.2	4.8	-	11.1	19	-2.8	4	-	-	2.20	-	.32	6	20	13	4	5	0	1	0	0	7	15	0	2.43	-	-	
6a SCOTLAND, W.																																
Argyll	Tiree	21-9	29	8.7	5.1	6.9	+1.6	10.9	8,20	-0.6	4	-	-	5.47	175	.56	3	18	17	3	0	0	1	6	1	0	6	3	1.77	76	-	
	Rhuvaal	21-9	65	9.0	5.1	7.1	-	11.5	8	1.0	4,5	-	-	5.67	-	.81	5	17	17	0	0	2	0	0	0	0	2	4	-	-	-	
	Colonsay	9 9	87	8.7	4.2	6.5	-	11.1	13,20,26	0.6	2	-	-	5.36	135	.75	3	19	18	0	-	1	0	0	0	0	0	6	-	-	-	
	Campbeltown	9 9	10	9.4	4.6	7.0	-	12.8	8	-2.2	3	-	-	2.99	-	.74	26	18	12	-	0	-	-	-	-	2	-	-	2.14	-	-	
	Tarbert (Achaglachgach)	9 9	40	-	3.8	-	-	-	-	-3.9	3	-	-	6.31	-	1.00	4	21	19	2	0	4	0	2	0	4	13	0	-	-	-	
	Oban	9 9	229	8.7	4.1	6.4	-	11.1	13,14	0.0	3,4,5	-	-	8.07	188	1.28	5	21	20	5	0	3	0	2	0	3	6	1	1.42	71	-	
	Lephinmore	9 9	30	8.9	4.2	6.5	-	12.2	19	-1.1	3	-	-	6.90	-	.83	5	19	18	0	0	0	1	0	1	2	9	0	1.72	-	-	
	Glenbranter	9 9	120	8.2	2.8	5.5	+1.8	11.7	19	-3.9	3	-	-	10.41	133	1.29	5	23	20	-	2	-	-	-	0	15	-	-	-	-	-	
	Benmore (Forestry Sch.)	9 9	46	8.7	2.3	5.5	-	12.2	19	-4.4	3,4,5	4.7	-	9.60	129	1.55	5	21	21	2	1	0	0	0	7	6	18	0	-	-	-	
	Benmore (Younger Bot. Gdn.)	9 9	40	8.6	3.3	5.9	-	12.2	19	-2.2	3	-	-	10.12	-	1.51	5	21	21	2	2	0	2	0	0	3	12	0	-	-	-	
Bute	Lochranza	9 9	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Rothsay	9 9	150	8.7	4.4	6.5	+2.1	12.2	19	-0.5	3	5.4	5.3	6.08	149	.91	5	20	17	1	0	1	0	0	1	2	5	2	2.09	103	-	
	Millport	9 9	16	8.7	4.8	6.7	-	10.6	8,18,26	0.0	3	-	-	4.90	151	.77	5	18	14	1	0	1	0	0	0	1	-	7	-	-	-	
Dunbarton	Helensburgh	9 9	293	8.1	3.4	5.7	+2.0	11.7	19	-2.8	3	-	-	6.18	135	.83	12	21	20	3	2	1	0	0	0	4	-	1	-	-	-	
Stirling	Stirling	9 9	151	8.9	4.0	6.5	+2.4	12.8	14,19	-1.7	5	4.1	5.2	4.16	145	.67	5	18	16	2	2	0	0	0	0	3	6	1	-	-	-	
	Falkirk	9 9	100	9.1	3.3	6.2	-	13.3	19	-3.5	5	-	-	3.67	-	.42	8	18	16	-	6	2	-	-	17	4	-	-	-	-	-	
Renfrew	Greenock	9 9	200	8.6	4.2	6.4	+2.1	11.7	19	0.0	3	-	-	7.06	139	1.08	5	21	18	3	2	2	0	0	0	2	1	5	1	1.64	-	-
	Paisley	9 9	106	8.9	4.4	6.7	+2.3	12.2	13,19	-0.5	3	5.4	6.4	5.03	145	.71	5	20	18	2	2	0	0	0	0	6	2	8	0	1.88	102	-
	Barrahead	9 9	97	8.9	3.6	6.3	-	12.2	19	-2.8	3	-	-	5.23	-	.71	8	20	19	2	0	0	0	0	1	4	10	0	-	-	-	
	Renfrew	21-9	26	9.1	4.5	6.8	+2.7	12.2	13,19	-2.8	3	-	-	3.71	116	.58	5	20	17	3	0	1	0	1	1	4	7	1	2.01	106	-	
Lanark	Thorntonhall	9 9	453	8.2	2.8	5.5	-	11.7	19	-2.8	3	-	-	4.53	-	.76	5	20	18	3	2	0	0	0	0	5	16	0	-	-	-	
	Glasgow, Spr. Pk.	9 9	351	8.4	3.4	5.9	-	12.2	19	-1.7	3,5	-	-	4.46	155	.63	12	20	17	3	2	2	0	0	0	4	10	1	1.78	-	-	
	Coatbridge	9 9	256	8.9	3.6	6.3	-	12.2	13	-2.2	3,4	-	-	3.01	-	.43	5	17	16	0	0	0	0	0	0	3	-	0	-	-	-	
	Coalburn (Midtown)	9 9	707	7.5	1.9	4.7	-	10.6	8,19	-5.0	3	4.2	-	3.79	-	.50	5	19	16	3	3	1	1	0	3	9	16	4	2.56	-	-	
	Lowther Hill	-	2377	3.6	-1.0	1.3	-	6.5	8	-5.5	3,4	-	-	-	-	-	-	-	-	8	-	0	2	0	26	20	-	10	0.75	-	-	
	Leadhills	9 9	1270	5.9	2.1	4.0	-	8.9	8	-5.0	3	-	-	4.94	-	.70	25	21	17	5	4	0	3	0	3	5	17	1	-	-	-	
	Carnwath	9 9	708	7.7	2.1	4.9	-	12.2	19	-3.9	3	-	-	2.32	-	.30	6	19	14	4	3	0	1	1	1	9	22	1	-	-	-	
Ayr	Colmonell	9 9	170	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Turnberry	9 9	25	9.2	5.1	7.1	+2.4	12.8	18,19	1.1	25	-	-	5.07	-	.75	5,7	19	16	-	0	-	-	-	0	0	-	-	2.10	-	-	
	Largs	9 9	20	-	-	-	-	-	-	-	-	-	-	4.67	133	.96	5	19	17	-	0	-	-	-	0	-	-	-	1.90	-	-	
	Barr	9 9	400	8.6	2.5	5.5	-	11.7	18,19	-5.0	3	-	-	5.18	-	.82	5	20	17	3	0	5	0	1	0	3	-	3	-	-	-	
	Auchincruive	9 9	147	8.9	3.9	6.4	-	12.8	19	-2.2	3	5.4	5.9	2.74	102	.65	5	17	13	2	0	1	0	0	0	3	10	2	2.64	-	-	
	Prestwick Airport	21-9	30	9.3	4.5	6.9	-	13.3	19	-2.6	3	-	-	2.94	117	.70	5	16	12	2	0	2	1	0	0	3	6	1	2.66	-	-	
	Kilmarnock	9 9	115	9.3	4.0	6.7	+2.5	12.8	19	-1.7	3	5.2	5.6	3.59	-	.78	5	16	15	1	1	0	0	0	0	3	15	0	2.03	93	-	
Dumfries	Moniaive (Dalnacallan)	9 9	480	7.3	2.9	5.1	-	10.0	8,19	-2.2	3	-	-	5.24	-	.90	5	20	18	6	2	1	0	0	0	3	6	10	2	-	-	
	Dumfries	9 9	140	8.4	3.4	5.9	+2.1	11.1	8,18	-1.7	3	5.1	5.6	3.58	125	.63	3	20	16	1	-	0	0									

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER FEBRUARY 1961

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 & 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			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	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.	°C.	°C.	in.	%	in.											hr	%		
2 ENGLAND, N.E.—cont.																																
Northumberland cont.	Ackington	21-9	138	9.0	2.7	5.9	-	12.6	14	-2.9	4	-	-	1.39	-	.21	8	13	11	3	0	0	0	0	0	0	0	8	11	1	2.88	-
	Tynemouth	21-9	95	9.0	4.4	6.7	+2.1	13.0	19	0.0	3	-	-	1.11	67	.19	8	11	9	5	0	0	0	0	0	0	2	1	10	1	2.67	-
	Durham	Chopwellwood	9 9	446	9.2	2.5	5.9	+2.7	14.4	14	-1.7	4	-	-	1.44	73	.30	8	16	9	3	1	0	0	0	0	0	1	10	1	-	-
	Ushaw College	9 9	594	8.2	2.3	5.3	+2.1	12.8	14	-1.7	4	-	-	1.91	92	.60	4	10	8	1	2	0	0	0	0	6	0	6	1	0	-	-
	Houghall	9 9	123	9.6	1.6	5.6	+2.0	13.3	14, 15, 16	-3.3	21	-	-	1.33	71	.25	6	11	8	1	1	0	0	0	0	0	0	0	0	0	2.76	1258
	Durham	§	9 9	336	9.2	2.7	5.9	+2.4	13.3	15, 19	-1.1	5, 21	4.4	5.4	1.11	62	.25	6	11	8	-	-	-	-	-	-	-	-	-	-	2.90	126
	Gateshead	9 9	509	8.4	2.9	5.7	-	12.2	14, 19	-1.1	4	-	-	1.51	-	.31	8	11	8	-	0	-	-	-	-	-	-	-	-	-	3.10	-
Yorks., N. Riding	Middleton St. Gge.	21-9	115	9.4	3.4	6.4	-	13.4	19	-1.7	21	-	-	1.02	-	.25	8	11	9	3	1	0	0	0	0	4	3	5	8	0	2.46	-
	West Hartlepool	9 9	30	9.8	3.9	6.9	-	13.3	14	-1.1	21	-	-	1.03	-	.24	8	12	8	1	1	0	0	0	0	3	1	1	5	0	2.15	-
	Hawes	-	745	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Dishforth	21-9	105	9.4	3.7	6.5	-	14.2	19	-0.7	3	-	-	1.28	73	.25	25	12	8	2	1	0	1	0	4	2	6	1	2.23	-	-	
	York	§	9 9	57	9.3	3.7	6.5	+2.3	13.9	19	0.6	3, 4, 21	4.8	5.5	1.64	98	.25	3	14	10	1	1	0	0	0	4	2	0	0	1	1.67	848
	Ampleforth	9 9	313	8.7	2.9	5.8	+2.4	11.7	18, 26	-0.5	4	-	-	1.51	71	.27	25	12	9	-	-	-	-	-	4	2	15	-	-	-	-	-
	Redcar	9 9	25	10.0	4.4	7.2	-	14.4	14	-0.5	21	-	-	.81	52	.21	8	10	9	1	0	0	0	0	0	2	3	0	0	0	2.71	-
Yorks., E. Riding	Whitby	9 9	135	9.5	3.6	6.5	-	13.3	19, 27	-0.5	5, 21	-	-	.90	47	.22	25	11	9	1	0	0	1	0	0	4	3	-	0	0	2.88	-
	Scarborough	§	9 9	118	8.8	3.9	6.3	+1.5	12.2	14	0.6	4	-	1.24	69	.28	6	11	9	1	0	0	0	0	0	2	0	4	2	2.12	95	
	Silpho Moor	9 9	665	7.4	2.2	4.8	-	11.7	14	-2.2	4, 21	3.7	-	1.30	-	.24	6	13	11	1	1	0	0	0	0	8	4	9	0	-	-	-
	High Mowthorpe	9 9	574	7.6	2.7	5.1	-	11.7	14	-0.5	4, 21	4.0	-	1.70	-	.34	25	16	11	1	1	0	0	0	7	4	13	1	1.71	-	-	
	Hull	9 9	8	9.4	4.4	6.9	+2.4	13.3	19	0.6	4, 5	5.2	5.6	1.28	70	.24	3	14	7	1	0	0	0	0	0	0	4	2	2.00	100		
	Leconfield	21-9	24	9.2	3.7	6.5	-	12.8	19	-1.1	5, 12	-	-	1.18	-	.27	3	11	7	1	0	0	0	0	0	3	4	8	0	2.20	-	
	Filey	9 9	122	8.7	3.1	5.9	-	12.8	19	-1.1	4	-	-	1.10	-	.25	6	11	7	1	1	0	0	0	0	2	3	-	0	0	2.43	-
Lincoln	Bridlington	9 9	157	8.7	2.8	5.7	-	12.8	19	-1.1	4	-	-	1.23	-	.23	24	12	6	1	1	0	0	0	0	3	4	24	3	2.25	-	
	Spurn Head	21-9	29	8.3	4.6	6.5	+2.2	12.6	19	1.4	4	-	-	.89	-	.18	24	10	8	1	0	0	0	0	0	2	4	0	0	3	2.19	88
	Gainsborough	9 9	110	9.9	3.2	6.5	-	13.9	8	0.0	3, 5	-	-	1.07	-	.30	5	12	8	0	0	0	0	0	0	4	2	-	0	0	-	-
	Waddington	21-9	224	9.2	3.9	6.5	-	14.3	14	0.0	3	-	-	1.15	-	.24	11	13	9	1	0	0	0	0	1	6	1	5	0	2.03	-	
	Lincoln	9 9	22	10.0	3.4	6.7	-	14.4	14, 15	-2.2	21	4.9	5.3	1.02	-	.20	4, 24	15	8	0	0	0	0	0	0	5	3	16	2	2.23	-	
	Cranwell	§	9 9	205	9.3	3.1	6.2	+2.4	14.5	14	0.2	3	5.6	6.5	.97	58	.19	4	13	9	0	0	0	1	0	5	0	8	1	2.48	101	
	Cleethorpes	9 9	23	9.6	3.9	6.7	+2.5	13.9	14	0.6	4, 23	-	-	.77	44	.21	24	6	6	0	0	0	0	0	0	0	0	0	0	2.17	90	
Skegness	Manby	21-9	55	9.2	3.4	6.3	-	13.4	14	-0.5	3, 4	-	-	.95	-	.21	24	11	9	3	0	1	0	0	0	4	3	7	1	2.18	-	
	Skegness	9 9	15	9.2	3.8	6.5	+2.5	13.3	14	1.1	3, 4	-	-	1.04	68	.24	24	11	7	0	0	0	0	0	0	3	0	9	0	2.46	100	
3 ENGLAND, E.																																
Norfolk	Terrington	9 9	13	9.7	3.5	6.6	-	13.9	14	0.0	3	5.6	-	1.29	96	.22	24	14	10	0	0	0	0	0	0	6	1	13	0	2.28	-	
	St. Clement	9 9	76	9.6	3.3	6.5	-	15.0	14	-0.5	4	-	-	1.26	-	.24	27	13	10	0	0	0	0	0	0	5	5	11	1	-	-	-
	Marham	21-9	80	10.3	2.2	6.3	-	16.7	14	-3.3	4, 19	5.6	5.8	1.71	-	.44	27	15	12	-	-	-	-	-	-	5	9	18	-	-	-	-
	Santon Downham	9 9	76	10.3	2.2	6.3	-	16.7	14	-3.3	4, 19	5.6	5.8	1.71	-	.44	27	15	12	-	-	-	-	-	-	5	9	18	-	-	-	-
	West Raynham	21-9	250	9.0	3.5	6.3	-	15.1	14	-0.4	3, 4	-	-	1.57	-	.24	24	15	10	2	0	1	0	0	0	8	2	10	1	2.45	-	-
	Cromer	9 9	178	9.2	3.2	6.2	+1.9	15.0	14	0.0	24	-	-	.82	49	.19	27	11	7	-	-	-	-	-	0	1	5	-	2.92	111		
	Sprowston	§	9 9	93	9.7	3.3	6.5	+2.6	15.6	14	-0.5	2, 23	5.8	-	1.45	84	.41	27	14	9	1	0	0	0	0	3	5	12	1	2.59	1058	
Suffolk	Burlingham	9 9	89	9.4	3.5	6.5	-	13.9	19	0.6	4, 23	-	-	1.40	84	.45	27	11	11	1	0	0	0	1	0	8	0	12	1	2.42	-	-
	Gorleston	§	21-9	5	8.8	4.4	6.6	+2.2	12.8	19	0.7	4	5.9	6.6	1.48	93	.44	27	13	12	0	0	0	0	1	4	0	4	2	2.52	100	
	Mildenhall	21-9	15	10.5	4.7	7.6	-	16.6	14	0.1	3	-	-	1.70	121	.43	27	15	11	0	0	0	0	0	4	0	4	1	2.49	-	-	
	East Bergholt	9 9	14	10.2	3.6	6.9	-	16.7	14	-1.1	4, 19	-	-	1.80	-	.56	27	17	14	0	0	0	0	0	0	5	2	16	0	-	-	-
	Wattisham	21-9	292	9.0	3.6	6.3	-	14.4	14	-1.7	3	-	-	1.74	-	.57	27	15	13	1	0	0	0	0	0	8	2	8	0	-	-	-
	Felixstowe	21-9	10	8.6	5.1	6.9	+2.5	11.6	11	1.7	3, 4	-	-	1.58	113	.62	27	19	10	0	0	0	0	0	1	0	4	0	2	2	2.66	99
	Lowestoft	9 9	82	9.1	3.6	6.3	+2.2	12.8	19	0.0	3, 4	5.6	6.0	1.51	98	.54	27	14	11	0	0	0	0	0	0	5	2	6	0	2.44	92	
Cambridge	Boxworth	9 9	157	10.2	4.1	7.1	-	16.1	14	0.0	3	-	-	1.88	133	.37	27	13	11	0	0	0	0	0	0	5	2	6	0	2.34	-	-
	Cambridge Bot. Gdn.	§	9 9	41	10.3	3.9	7.1	+2.9	16.1	14	-0.5	4	5.9	6.4	2.04	148	.52	27	16	10	0	0	0	0	0	4	1	17	-	-	-	-
	Cambridge N.I.A.B.	§	9 9	85	10.3	4.3	7.3	-	16.1	14	0.6	3, 4	-	-	1.98	141	.47	27	15	11	0	0	0	0	0	4	1	17	-	-	-	-
	Wytton	21-9	129	9.9	4.3	7.1	-	16.0	14	0.4	23	-	-	1.61	-	.33	27	14	11	0	0	0										

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER FEBRUARY 1961

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation Max. Min.		Height of Station above Mean Sea Level ft.		AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE 1 ft. 4 ft.		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		Ice or snow pellets etc.		Thunder heard		Fog at 9h.		Air Frost		Grass min. 0 C or less		Gale		Daily Mean		Percentage of Average									
										Mean Temperature of A and B			Maximum									Date	Minimum	Date																			40 in. (10.2 mm.) or more	40 in. (10.2 mm.) or more	Snow or Sleet	Hail	Grass min. 0 C or less	Gale	Daily Mean	Percentage of Average
										A	B	Mean	Maximum									Date	Minimum	Date																			40 in. (10.2 mm.) or more	40 in. (10.2 mm.) or more	Snow or Sleet	Hail	Grass min. 0 C or less	Gale	Daily Mean	Percentage of Average
		G.M.T.	ft.	C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.		40 in. (10.2 mm.) or more	40 in. (10.2 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																						
4 MIDLAND COUNTIES—cont.																											hr	%																						
Yorks.,	Ilkley ...	9 9	315	8.9	3.2	6.1	+2.8	13.9	19	-1.7	21	-	-	3.04	92	.47	3.4	13	13	2	0	0	0	2	4	-	1	1.64	90																					
W. Riding—	Sheffield ...	9 9	429	9.6	4.2	6.9	+2.9	16.1	19	0.6	4	4.7	5.6	2.48	104	.45	6	15	13	3	0	0	0	1	0	14	0	2.43	134																					
cont.	Wakefield ...	9 9	121	9.8	3.4	6.6	+2.5	16.1	19	-1.7	21	5.1	6.0	1.23	58	.27	4	13	11	0	0	0	0	8	3	15	0	-	-																					
	Killinghall ...	9 9	365	8.6	2.7	5.7	-	12.8	19	-4.4	21	4.4	-	2.35	-	.46	6	12	11	0	0	0	0	1	5	10	0	2.26	-																					
	Pontefract ...	9 9	255	9.3	3.8	6.5	+2.8	15.0	19	0.6	4, 21	-	-	1.24	67	.21	4	14	9	1	0	0	0	7	0	5	0	-	-																					
	Bramham ...	9 9	177	8.8	2.6	5.7	-	13.9	19	-2.2	21	-	-	1.67	-	.27	6	14	11	1	0	0	0	1	5	6	12	0	1.94	-																				
	Cawood ...	9 9	20	9.3	2.9	6.1	-	14.4	19	-1.1	21	4.7	5.2	1.45	86	.25	8	10	8	0	0	0	0	3	2	9	1	1.95	-																					
	Askham Bryan ...	9 9	110	9.2	2.8	6.0	-	13.9	19	-1.1	21	-	-	1.69	95	.25	3	15	10	2	0	0	0	5	4	12	0	1.74	-																					
Derby	Buxton ...	9 9	1007	7.4	2.8	5.1	+2.8	11.7	19	-0.5	3	4.0	4.3	4.29	108	.67	4	16	15	3	1	1	0	7	4	10	0	-	-																					
	Chapel en le Frith ...	9 9	728	8.6	3.1	5.9	-	14.4	19	-1.1	3	-	-	3.28	-	.47	6	15	15	2	1	1	0	7	4	22	1	-	-																					
	Wirksworth ...	9 9	565	8.7	3.1	5.9	-	12.8	15, 19	0.6	3, 4	-	-	2.83	-	.49	24	16	13	3	0	1	0	10	0	14	1	-	-																					
	Mackworth ...	9 9	293	9.4	3.4	6.4	-	12.8	14, 15, 19	0.0	3	-	-	1.77	-	.37	24	13	12	1	0	0	0	5	1	8	2	-	-																					
	Belper ...	9 9	203	9.8	3.4	6.6	+2.9	12.8	14	0.6	21	-	-	1.85	83	.50	24	12	9	0	0	0	0	1	0	0	-	-	-																					
	Derby ...	9 9	159	10.0	4.1	7.1	-	13.9	15	0.6	21	-	-	1.80	-	.41	24	17	10	0	0	0	0	3	0	4	0	1.85	-																					
	Morley ...	9 9	350	9.1	3.7	6.4	-	12.8	12, 15, 19	0.5	3	-	-	1.72	-	.38	24	13	11	0	0	0	0	1	14	0	1.86	-8																						
	Chesterfield ...	9 9	298	9.4	3.5	6.5	-	13.9	15, 14	0.0	4	-	-	2.48	-	.43	6, 24	12	10	3	0	0	0	2	1	0	-	-	-																					
Nottingham	Sutton Bonington ...	9 9	157	9.8	3.8	6.8	+3.0	14.4	14	-2.2	21	5.6	6.2	1.62	96	.28	24	14	12	0	0	0	0	0	1	12	0	1.99	94																					
	Wattnall ...	21-9	385	9.1	3.8	6.5	-	13.6	14	0.0	21	-	-	1.88	94	.41	24	13	11	2	0	0	1	0	8	1	10	0	1.40	-																				
	Mansfield ...	9 9	362	8.9	3.9	6.4	+2.8	12.8	15	1.1	3, 4, 21	-	-	1.79	88	.37	24	13	10	0	0	0	0	11	0	3	0	-	-																					
	Nottingham *§	9 9	192	9.7	4.2	6.9	+2.7	14.4	14	1.7	3, 4	5.1	4.8	1.63	93	.30	6	12	12	1	0	0	0	4	0	4	0	1.28	67																					
	Walsop (Gleadthorpe)	9 9	150	9.4	3.0	6.2	-	13.8	15	-2.8	21	-	-	1.55	91	.25	24	14	9	0	0	1	0	6	2	15	2	2.30	-																					
	Finningley ...	21-9	34	9.6	4.1	6.9	-	13.4	14	-0.9	21	-	-	1.13	-	.23	4	12	7	1	0	0	0	6	1	4	0	2.20	-8																					
	Langar ...	21-9	106	9.7	3.9	6.8	-	13.5	14	-2.2	21	-	-	1.27	-	.19	6	12	10	0	0	1	0	2	3	12	3	-	-																					
Leicester	Newtown Linford ...	9 9	388	9.1	3.2	6.1	-	13.3	14, 15	-0.5	4	-	-	2.15	-	.42	24	14	11	1	0	0	0	4	2	11	0	-	-																					
	Leicester (Towers)	9 9	267	9.8	3.7	6.7	-	15.6	14	-0.5	21	5.4	6.2	2.31	130	.33	24	15	14	2	0	0	1	2	3	1	8	2	1.91	-																				
	Caldecott ...	9 9	175	10.1	3.1	6.6	-	15.6	14	-2.2	21	-	-	1.53	-	.26	24	15	11	-	0	-	-	4	2	12	-	2.23	-																					
Northampton	Wellingborough ...	9 9	298	9.7	3.9	6.8	-	15.6	14	0.6	4	-	-	1.71	-	.29	24	14	10	0	0	0	0	4	0	10	1	-	-																					
	Raunds ...	9 9	193	9.9	3.7	6.8	-	16.1	14	0.0	4	5.4	6.4	1.69	114	.29	24	17	10	0	0	0	0	4	1	8	0	-	-																					
	Wittering ...	21-9	216	9.4	4.0	6.7	-	15.6	14	-0.4	4	-	-	1.52	-	.29	24	16	12	3	0	1	0	5	1	10	2	2.48	-																					
Warwick	Birmingham K.E.S.	9 9	450	9.2	4.1	6.7	-	12.8	14, 15, 18	1.1	1, 3	-	-	2.24	-	.49	24	15	11	0	0	0	0	4	0	0	-	-	-																					
	Birmingham *§	21-9	536	9.0	4.5	6.7	+2.7	12.7	14	1.2	1	6.2	7.2	2.31	105	.46	24	16	13	0	0	0	0	5	0	5	0	2.20	110																					
	Luddington ...	9 9	138	10.3	4.3	7.3	-	15.0	14	0.0	21	-	-	1.56	102	.35	24	14	10	0	0	0	0	0	1	7	0	2.64	-																					
	Stratford on Avon ...	9 9	160	10.4	3.8	7.1	-	15.6	14	0.0	4, 21	6.1	-	1.68	-	.35	24	14	10	0	0	1	0	2	2	15	1	2.51	-																					
	Birmingham Airport *§	21-9	319	9.7	4.1	6.9	-	13.7	14	-2.8	21	-	-	2.13	112	.53	24	15	13	3	0	0	1	0	5	1	6	0	2.30	-																				
	Shipston on Stour ...	9 9	365	9.9	3.9	6.9	-	15.0	14	-0.5	21	5.9	-	2.05	-	.44	24	15	13	1	0	0	0	5	1	15	-	2.70	-8																					
	Wellesbourne ...	9 9	153	10.1	3.9	7.0	-	14.4	14	-1.1	21	6.1	6.3	1.72	102	.33	24	15	12	0	0	0	0	1	2	10	1	2.38	-																					
	Moreton Morrell ...	9 9	280	9.9	3.8	6.9	-	14.4	14	0.0	21	-	-	1.90	-	.37	24	16	12	0	0	0	0	2	1	10	1	2.33	-																					
	Coventry ...	9 9	338	9.9	3.7	6.8	+2.9	14.4	14	0.0	21	5.4	-	2.30	128	.46	24	15	7	0	0	0	0	2	1	0	0	2.18	111																					
	Rugby ...	9 9	385	9.8	3.8	6.8	-	14.4	14	0.0	21	5.2	6.0	1.98	-	.37	28	16	13	0	0	0	0	1	4	0	-	-	-																					
Oxford	Oxford *§	9 9	208	10.3	4.9	7.6	+3.1	16.1	14	2.2	2, 23	6.1	6.4	2.10	117	.41	27	15	12	0	2	0	0	0	8	1	2.32	94																						
Buckingham	Aylesbury ...	9 9	316	9.7	4.6	7.2	-	16.1	14	1.1	1, 3, 4	-	-	2.43	-	.53	27	16	13	1	0	0	0	7	0	10	2	2.29	-																					
Stafford	Keele ...	9 9	587	8.7	3.0	5.9	-	12.2	15, 18	-0.5	3	4.8	5.3	2.47	110	.34	24	15	14	2	0	0	1	0	4	3	11	0	2.01	-																				
	Oaken ...	9 9	409	9.4	3.4	6.4	+2.9	13.3	15	-0.5	3, 4	5.3	-	1.84	-	.36	24	14	12	-	-	-	-	2	13	-	-	-	-																					
	Wheaton Aston ...	9 9	365	9.6	3.0	6.3	-	12.2	15, 18	-4.4	7	5.7	-	2.15	-	.27	25	14	13	0	0	0	0	5	14	0	1.91	-																						
	Stone ...	9 9	350	9.1	2.8	5.9	-	12.8	15	-1.1	3	-	-	2.05	-	.29	24	15	13	1	0	0	0	3	16	0	2.06	-8																						
	Penkridge ...	9 9	330	9.3	3.4	6.4	-	12.8	15	-0.5	3	-	-	2.12	-	.37	24	15	12	0	0	0	0	2	3	14	0	-	-																					
	Onecote ...	9 9	1350	6.2	1.6	3.9	-	10.0	15, 19	-2.2	3	3.1	4.3	3.42	-	.53	3	14	14	1	1	0	0	0	9	17	0	1.63	-																					
Shropshire	Oswestry ...	9 9	570	9.1	3.2	6.2	-	17.2	19	0.6	3	-	-	2.46	-	.36	25	17	14	1	0	0	1	0	4	0	15	0	1.93	-																				
	Church Stretton ...	-	582	-	-	-	-	-	-	-	-	-	-	1.92	74	.27	4	15	12	-	-	-	-	-	-	-	-	1.89	-																					
	Shrewsbury ...	9 9	184	10.3	4.6	7.5	-	15.6	19	-0.5	21	6.6	7.7	1.23	72	.19	4	15	12	0	0	0	0	1	1	10	0	1.98	-																					
	Shawbury ...	21-9	235	9.8	4.1	7.0	-	14.9	19	-2.6	21	-	-	1.50	86	.23	4	14	10	2	0	1	0	0	2	1	3	2	2.13	-8																				
	Newport ...	9 9	211	9.5	3.5	6.5	-	12.8	15, 18	-0.5	3	-	-	1.73	99	.23	4	15	13	0	0	1	0	0	1	4	17	2	1.83	-8																				
Worcester	Malvern ...	9 9	203	10.3	4.7	7.5	+3.2	15.0	15	0.0	21	6.2	6.8	2.15	106	.70	24	14	12	0	0	0	0	5	0	1	1	2.25	898																					
	Worcester (Redhill)	9 9	190	10.1	4.5	7.3	-	13.3																																										

* previously known as "Elmdon"

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER FEBRUARY 1961

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.		Maximum	Date	Minimum	Date	Amount	Date	0.1 in. (0.2 mm.) or more	0.01 in. (1.0 mm.) or more																	
				Max. Min.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	1 ft.	4 ft.	in.	%	in.									hr	%			
5 ENGLAND, S.E.—cont.																															
Surrey	Wisley ...	9 9	150	10.0	4.6	7.3	+2.8	16.1	14	0.0	14, 28	6.4	6.8	2.66	148	.72	27	16	13	0	0	0	0	3	2	7	1	2.05	93		
	Mickleham ...	9 9	179	10.2	4.5	7.4	-	15.6	14	-1.7	4	-	-	2.67	116	.68	27	14	13	0	0	0	0	3	2	14	0	-	-		
	Kew Observatory †	21-9	18	10.2	6.1	8.1	+3.2	15.0	14	2.4	14	6.7	7.5	2.16	139	.66	27	13	12	0	0	0	1	5	0	9	0	2.36	110		
	Gatwick ...	21-9	192	10.0	4.1	7.1	-	16.1	14	-1.4	3	-	-	2.67	-	.76	27	16	12	1	0	0	1	0	4	2	9	0	2.07	-	
Kent	Croydon (Waddon)	9 9	220	10.2	4.4	7.3	+2.6	16.1	14	1.7	4	-	-	2.33	117	.66	27	15	11	-	-	-	-	-	0	-	-	-	-	-	
	Addington ...	9 9	474	9.6	4.4	7.0	+3.1	16.1	14	1.7	3, 23, 28	-	-	2.48	120	.66	27	18	11	-	-	-	-	-	0	-	-	-	-	-	
	Bromley ...	9 9	213	11.2	4.9	8.1	+3.6	18.3	14	0.6	4, 5	-	-	2.25	128	.73	27	15	12	-	-	-	-	7	0	-	-	-	-		
	Swanley ...	9 9	177	10.5	4.6	7.6	-	17.2	14	0.6	4	6.9	-	2.06	-	.70	27	13	10	0	0	0	0	0	5	0	11	0	2.15	-	
	Dartford ...	9 9	17	10.8	5.0	7.9	-	17.2	14	0.6	4	-	-	1.86	123	.67	27	14	12	0	0	0	0	0	3	0	-	0	-	-	
	Tunbridge Wells	9 9	351	9.9	3.4	6.7	+2.9	15.6	14	-2.2	4	5.8	6.3	2.41	107	.80	27	13	11	0	0	0	0	0	3	3	12	0	2.66	104	
	Goudhurst ...	9 9	280	10.2	3.7	7.0	-	15.6	14	-2.2	18	-	-	2.60	108	.76	27	18	14	0	0	0	0	0	4	3	8	0	-	-	
	East Malling †	9 9	122	10.5	3.7	7.1	+2.9	16.7	14	-1.1	19	-	6.4	2.09	112	.70	27	19	13	0	0	0	0	0	6	3	9	0	2.41	102	
	Benenden ...	9 9	195	10.5	3.8	7.1	-	15.0	14, 15	0.5	18, 19	-	-	2.51	-	.76	27	18	16	-	-	-	-	-	4	2	13	-	3.31	-	
	Gillingham ...	9 9	10	10.7	4.6	7.9	-	17.2	14	0.6	23	-	-	2.04	-	.70	27	16	12	0	0	0	0	0	2	0	-	0	2.45	-	
	Sittingbourne ...	9 9	224	10.0	4.0	7.0	-	15.0	14	-1.1	18, 23	6.2	6.6	2.39	-	.72	27	16	14	2	0	0	0	0	0	7	2	8	3	2.96	-
	Ile of Grain ...	9 9	9	10.3	4.9	7.6	-	16.7	14	1.7	4, 14, 23	-	-	2.22	-	.74	27	13	10	-	-	-	-	-	4	0	7	-	2.51	-	
	Throwley ...	9 9	493	9.8	3.6	6.9	-	13.3	14	0.0	4	5.9	6.5	2.86	-	.78	27	17	14	2	0	0	0	0	4	1	12	1	3.06	-	
	Faversham ...	9 9	157	10.1	3.9	7.0	-	14.4	14	-1.1	18	6.3	6.7	2.54	-	.68	27	17	13	1	0	0	0	0	4	2	12	0	3.01	-	
	Dungeness ...	21-9	10	8.9	5.4	7.2	-	12.6	9	0.0	18, 19	-	-	1.76	106	.38	27	16	10	0	0	0	0	0	4	2	-	2	-	-	
	Wye ...	9 9	185	10.2	3.4	6.8	+2.7	15.0	10	-1.1	18	-	-	2.62	118	.71	27	17	12	0	0	1	0	0	4	3	17	0	2.77	105	
Whitstable ...	9 9	9	10.2	4.4	7.3	-	16.7	14	0.0	18	-	-	2.09	156	.69	27	13	10	0	0	0	0	0	3	1	-	0	2.86	-		
Folkestone ...	9 9	128	9.8	5.2	7.5	-	12.8	9, 11, 14	1.7	4	-	7.8	2.54	137	.66	27	18	14	0	0	0	0	0	3	0	9	0	3.03	-		
Wingham (Elmstone)	9 9	28	10.4	3.5	7.0	-	15.6	14	-0.5	4, 18	-	-	2.51	-	.69	27	17	13	-	-	-	-	-	3	6	7	-	-	-		
Herne Bay ...	9 9	21	9.9	4.8	7.4	-	15.6	14	1.1	18	-	-	2.09	144	.68	27	13	11	0	0	0	0	0	4	0	-	1	2.46	-		
Dover ...	9 9	19	9.7	5.4	7.6	+2.8	13.3	14	1.7	4	7.1	7.3	2.83	137	.69	27	17	15	0	0	0	0	0	3	0	1	1	2.63	-		
Dover R.M.S. ...	9 9	402	8.8	4.3	6.6	-	12.2	14	0.6	4	-	-	2.75	121	.70	27	14	12	0	0	0	0	0	7	0	-	1	-	-		
Deal ...	21-9	18	10.3	5.5	7.9	-	14.6	14	-0.6	18	-	-	2.46	-	.76	27	16	13	0	0	0	0	0	3	1	3	0	-	-		
Ramsgate ...	9 9	80	9.6	5.3	7.5	-	13.3	14	1.7	4	-	-	2.43	163	.73	27	17	10	0	0	0	0	0	3	0	-	-	3.03	109		
Manston ...	21-9	145	9.7	4.3	7.0	-	15.0	14	-1.1	18	-	-	2.27	-	.62	27	15	11	0	0	0	0	0	2	2	7	1	-	-		
Margate ...	9 9	51	9.7	5.2	7.5	+2.4	15.0	14	1.7	4, 18	6.6	7.2	2.07	151	.63	27	15	10	0	0	0	0	0	2	0	5	0	3.00	106		
Thornby Island	21-9	10	10.1	5.3	7.7	-	13.3	18	1.1	21	-	-	2.67	131	.67	27	17	11	0	0	0	0	0	4	0	10	0	2.63	-		
Bognor Regis	9 9	24	9.5	5.4	7.5	+2.6	12.8	9	0.6	19	-	7.9	2.66	120	.78	27	13	11	0	0	0	0	0	2	0	3	0	2.86	98		
Littlehampton ...	9 9	15	9.8	5.2	7.5	+2.7	12.2	9	1.7	4	-	7.6	2.50	120	.68	27	16	11	0	0	0	0	0	2	0	-	0	2.49	85		
Rustington ...	9 9	10	9.9	3.8	6.9	-	12.2	9, 14, 18	-1.7	4	-	7.3	2.48	-	.67	27	16	10	-	-	-	-	-	7	2	12	-	2.14	-		
Worthing ...	9 9	25	9.6	5.3	7.5	+2.6	12.2	9	1.1	4	6.9	7.6	2.31	115	.68	27	17	10	0	0	0	0	0	3	0	8	0	2.45	84		
Brighton ...	9 9	32	9.6	5.5	7.5	-	12.2	9, 14	2.2	18	-	7.7	2.18	114	.62	27	16	10	0	0	0	0	0	3	0	5	1	2.51	-		
East Grinstead ...	9 9	440	10.2	3.6	6.9	-	15.6	14	-0.5	4	-	6.6	2.76	-	.81	27	15	12	0	0	0	0	0	2	3	7	0	-	-		
Seaford ...	9 9	45	9.6	4.8	7.2	-	12.8	14	0.0	4	-	-	1.98	99	.53	27	16	11	-	-	-	-	-	3	1	-	-	2.64	-		
Eastbourne ...	9 9	35	9.4	5.6	7.5	+2.4	12.2	9, 14	1.1	18	7.2	8.1	2.62	120	.71	27	18	13	0	0	0	0	0	5	0	6	0	3.07	107		
Eastbourne (C/guard)	21-9	17	10.0	5.7	7.9	-	13.0	14	0.2	18	-	-	2.38	-	.65	27	16	12	0	0	0	0	0	3	5	0	0	-	-		
Bexhill ...	9 9	14	9.6	5.2	7.4	+2.6	12.8	14	0.6	4	7.2	-	2.15	109	.65	27	15	11	0	0	0	0	0	3	0	2	0	2.82	-		
Sedlescombe ...	9 9	175	9.7	4.2	6.9	-	13.9	14	-0.5	18	-	-	2.45	-	.73	27	18	13	0	0	0	0	0	3	1	10	3	-	-		
Bodiam ...	9 9	73	10.6	3.4	7.0	-	13.9	14, 17	-0.5	3, 14	6.7	7.2	2.36	-	.67	27	16	14	-	-	-	-	-	5	4	13	-	2.42	-		
Hastings ... †	9 9	149	9.5	5.3	7.4	+2.6	12.2	9, 14	2.2	4, 28	6.7	7.7	2.14	107	.63	27	16	11	0	0	0	0	0	3	0	7	1	2.90	100		
Berkshire																															
Letcombe Regis	9 9	350	9.8	3.8	6.8	-	15.0	19	0.0	23	-	-	2.52	-	.50	27	16	12	0	0	0	0	0	1	2	-	0	-	-		
Abingdon ...	21-9	210	10.3	4.5	7.4	-	16.6	1																							

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER FEBRUARY 1961

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	Hall	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. 10 C. or less	Gale	Daily Mean	Per-centage of Average					
				A	B			Maximum	Date			Minimum	Date														in.	%	in.	0.1in. (0.2mm.) or more	0.4in. (10mm.) or more
				Max. Min.	Max. Min.			Max. Min.	Max. Min.			Max. Min.	Max. Min.														Max. Min.	Max. Min.	Max. Min.	Max. Min.	Max. Min.
G.M.T.		ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.										hr	%						
7a ENGLAND, N.W.																															
Cumberland	Sellafield...	99	43	8.4	3.4	5.9	-	11.1	26	-1.7	3	-	3.52	139	.57	5	21	14	-	0	-	-	1	4	10	-	2.34	-			
	Carlisle ...	21-9	86	9.3	3.7	6.5	-	13.4	26	-1.0	3	-	2.15	-	.31	5	17	13	3	1	0	0	0	2	10	0	2.61	-			
	Newton Rigg	99	560	8.6	2.5	5.5	+2.3	13.3	19	-1.7	3	4.2	2.80	115	.60	25	18	11	-	0	-	-	1	8	16	-	2.74	123			
Westmorland	Spadeadam ...	99	900	6.8	1.4	4.1	-	10.6	19	-3.9	3	3.5	3.77	-	.70	5	20	14	4	1	0	1	0	3	11	1	1.66	-			
	Ambleside ...	99	151	8.7	2.9	5.8	-	12.2	19	-1.7	3,4,24	-	6.96	115	1.12	5	22	18	2	1	1	0	0	0	4	-	1.59	-S			
Lancashire	Great Dun Fell ...	-	2780	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.06	-			
	Moor House ...	99	1840	4.9	0.3	2.6	-	10.0	17	-6.1	4	2.3	6.60	-	1.10	8	17	17	-	7	-	-	-	7	12	20	-	1.39	-		
	Barrow-in-Furness	99	55	8.7	4.2	6.5	-	11.7	13	0.0	3	-	2.98	-	.55	3	18	15	-	0	-	-	-	5	1	-	-	-			
	Squires Gate ...	21-9	33	9.2	3.6	6.4	-	13.9	19	-1.7	21	-	2.99	137	.38	10	14	13	0	0	1	0	0	0	2	2	9	3	2.35	-	
	Urswick ...	99	130	8.8	3.4	6.1	-	11.7	13,19	-2.2	3	-	3.80	-	.78	3	18	16	2	0	0	0	0	0	9	1	-	-	-		
	Poulton-le-Fylde	99	38	9.1	3.5	6.8	-	13.3	19	-1.1	3,4,5	-	2.95	-	.44	10	13	12	0	0	0	0	0	0	1	4	-	-	-		
	Grizedale ...	99	300	8.4	2.3	5.3	-	11.1	19	-3.3	3,4	-	6.60	-	.74	7	21	18	2	1	0	0	0	0	6	8	-	-	-		
	Speke ...	21-9	80	10.0	4.7	7.3	-	15.5	19	0.6	21	-	2.53	124	.44	28	15	14	0	0	0	0	0	0	4	0	5	3	1.99	-	
	Kirkham ...	99	77	9.6	3.4	6.5	-	13.9	19	-1.1	3	-	2.93	121	.57	10	13	12	1	0	0	0	0	1	3	11	0	2.18	-		
	Garstang ...	99	68	9.2	3.6	6.4	-	12.8	19,26	-2.2	3	-	3.15	-	.53	10	15	12	-	0	-	-	-	1	3	12	-	2.18	-		
	Morecambe ...	99	24	8.7	3.8	6.3	+2.1	13.3	26	-0.5	3	-	2.85	112	.47	3	17	15	0	0	0	0	0	1	0	-	0	1.90	83		
	Preston (Moor Pk.)	99	108	9.5	4.0	6.7	-	13.9	19	-1.1	3	-	3.45	129	.80	10	14	13	0	0	1	2	1	5	4	9	0	-	-		
	Bolton ...	99	352	9.0	2.6	5.8	+1.5	13.9	19	-1.1	3,4	4.8	5.4	3.91	-	.55	3,10	16	14	1	0	0	0	0	2	3	16	1	1.81	-	
	Darwen ...	99	724	9.2	2.6	5.9	+2.9	11.7	19	-1.1	3	4.1	4.4	4.57	108	.97	10	16	14	2	1	0	0	0	0	4	6	0	-	-	
	Stonyhurst	99	377	8.7	3.1	5.9	+2.3	13.3	19	-1.1	3	-	4.14	114	1.26	10	13	13	-	0	-	-	-	2	2	9	-	1.49	77		
	Manchester	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Weather Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.11	-	-		
	Helmshore ...	99	854	7.5	2.5	5.0	-	11.7	19	-0.5	3,21	4.4	-	5.10	-	.80	10	18	13	-	0	-	-	-	7	5	9	-	1.65	-	
	Manchester	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
(Smokeless Zone)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Cheshire	Burnley ...	99	655	8.0	3.1	5.5	-	12.2	19	-1.1	3,21	4.9	5.6	3.85	-	.70	10	17	15	0	0	0	0	0	1	4	17	0	1.47	-	
	Nelson ...	99	540	8.1	3.0	5.5	-	12.2	19	-1.7	21	4.4	4.3	3.87	107	.77	10	17	14	-	0	-	-	-	1	3	10	-	1.11	-S	
	Rochdale ...	99	362	8.6	2.1	5.3	-	12.8	19	-1.7	21,22	-	-	3.72	-	.52	10	17	15	0	0	0	0	0	2	7	12	0	1.41	-	
	West Kirby Park	99	17	10.3	4.2	7.3	-	15.6	19	0.0	3	-	2.61	-	.58	28	12	12	-	0	-	-	-	-	1	5	-	2.70	-		
	Bidston Obs'y.	99	198	9.7	4.6	7.1	+2.7	13.9	19,26	1.7	3,21	-	-	2.41	125	.48	28	15	13	-	-	-	-	-	2	0	2	-	2.40	104	
	Northwich (Winnington)	99	65	10.2	4.2	7.2	-	15.6	19	0.0	3,21	-	-	2.69	127	.38	3	15	13	1	0	0	0	0	1	2	8	3	-	-	
	Manchester Airport	21-9	248	9.6	4.2	6.9	+2.7	14.7	19	-1.0	3	-	-	2.37	100	.34	6	15	13	3	0	1	0	0	0	1	3	2	2.23	127	
	Macclesfield ...	99	500	8.9	3.3	6.1	+2.7	13.9	19	-1.7	3	-	-	2.58	95	.40	3	15	13	5	0	3	1	0	4	2	-	-	-	-	
7b NORTH WALES																															
Flint	Rhyl ...	99	31	10.9	4.6	7.7	+2.5	15.0	15	0.6	21	-	-	2.33	127	.52	28	13	12	1	0	0	0	0	0	1	0	3	4	(2.75) (114)	
	Prestatyn ...	99	12	10.8	4.6	7.7	-	14.4	15,19,26	-1.7	21	-	-	2.42	123	.59	28	14	11	-	0	-	-	-	0	1	-	-	-	-	
Anglesey	Hawarden Bridge	99	17	10.6	4.1	7.3	+2.5	16.1	19	-1.1	21	-	-	2.42	122	.65	28	14	12	1	0	0	0	0	0	2	1	-	-	-	
	Holyhead (Valley)	21-9	26	9.4	5.4	7.4	+1.6	11.1	26	0.0	3	-	-	3.01	131	.74	5	18	14	0	0	0	0	0	0	1	6	3	2.30	87	
Denbigh	Colwyn Bay ...	99	118	10.9	5.0	7.9	+2.4	14.4	19	1.1	6,7,21	6.1	-	2.57	118	.55	28	13	11	1	0	0	0	0	0	0	0	-	0	2.98	125
	Alwen ...	99	1100	7.7	1.2	4.5	-	12.2	19	-5.0	21	-	-	4.17	-	.47	2	18	17	-	-	-	-	-	11	14	-	-	-	-	
Caernarvon	Ruthin ...	99	248	10.6	3.9	7.3	-	15.0	19	-0.5	21	-	-	1.82	-	.24	25,28	13	10	-	1	-	-	-	3	2	-	-	-	-	
	Bwlchgwyn ...	99	1267	7.7	2.2	4.9	-	12.2	19	-1.1	1,2,3	4.3	-	3.26	-	.35	11,25	17	15	0	0	0	0	0	0	6	7	10	0	-	-
	Ruabon ...	99	312	10.2	3.7	6.9	-	16.7	19	0.0	21	5.2	5.7	2.38	-	.31	28	14	13	0	0	0	0	1	3	1	18	0	-	-	
	Wrexham ...	99	275	10.2	3.7	6.9	-	16.7	19	0.0	21	5.2	5.7	2.38	-	.31	28	14	13	0	0	0	0	1	3	1	18	0	-	-	
	Bardsey Island ...	21-9	60	9.2	6.8	8.0	-	14.5	13	3.5	6	-	-	2.53	-	.39	14	13	11	-	-	-	-	-	0	0	-	-	-	-	
	Botwnnog ...	99	112	9.6	5.0	7.3	-	11.7	9,18	1.7	4	6.8	7.2	2.54	-	.61	5	19	11	0	0	0	1	0	1	0	4	4	2.35	-	
Merioneth	Bryn Adda ...	99	275	9.9	4.7	7.3	-	14.4	15	0.6	6	-	-	3.89	-	.85	10	17	12	1	0	0	1	0	0	0	0	11	2	2.42	-
	Cwm Dyli ...	99	324	9.1	4.2	6.7	-	11.1	13,21,26	-1.1	21	5.9	-	4.55	-	2.20	5	23	22	1	0	1	0	0	1	1	8	0	-	-	
	Aber ...	99	60	11.3	4.8	8.1	+2.4	15.6	13	0.6	6	-	-	3.59	115	.64	5	16	15	2	0	0	0	0	0	0	10	1	2.38	118S	
	Llandudno	99	13	10.8	5.0	7.9	+2.3	15.6	15	0.6	21	-	-	2.67	123	.46	1	15	11	1	0	0	0	0	0	0	0	-	4	3.14	128
Montgomery	Llyn Stwlan ...	99	1656	5.9	1.8	3.9	-	10.0	16	-1.7	22	-	-	11.12	-	1.72	10	23	22	-	0	-	-	-	-	8	11	-	-	-	
	Blaenau Ffestiniog	99	750	8.3	4.0	6.1	-	11.7	26																						

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER FEBRUARY 1961

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 Mean of A and B	Highest Maximum and Lowest Minimum				Total Fall			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	0.1 in. (2.5 mm.) or more	0.4 in. (10 mm.) or more		
				Max.	Min.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.									hr.	%				
8b ENGLAND, S.W.																														
Somerset	Hawkrigge (Liscombe)	9 9	1030	8.4	3.9	6.1	-	11.7	19	1.1	1, 19	-	-	5.55	-	.80	3	20	15	0	0	2	0	0	5	0	8	0	-	-
	Cannington	9 9	95	10.6	5.4	8.0	-	13.9	14	0.6	3	7.4	-	2.56	122	.43	27	13	13	0	0	0	0	20	0	8	0	2.55	-	
	Weston-s.-Mare	9 9	28	10.3	5.8	8.1	-	13.9	14	3.3	21	-	-	2.73	127	.40	7	14	12	0	0	0	0	20	0	3	2	2.41	98	
	Long Ashton	9 9	162	10.6	5.3	7.9	+3.1	15.0	14, 19	0.6	21	7.1	-	2.59	102	.46	24	15	14	0	0	0	2	1	20	0	6	0	2.16	90
Dorset	Bath (City)	9 9	388	9.9	4.7	7.3	-	15.0	19	1.1	21	-	-	2.36	-	.48	24	13	12	0	0	0	0	0	20	0	1	-	-	-
	Boys' School	9 9	67	10.7	5.5	8.1	+3.2	16.1	19	1.1	21	7.1	7.3	2.38	104	.45	24	16	13	0	0	2	0	1	20	0	10	2	2.35	968
	Portland Bill	21-9	35	9.1	6.9	8.0	+2.0	11.0	9, 14, 18	2.9	21	-	-	2.75	133	.78	27	15	11	0	0	0	0	20	0	-	3	-	-	
	Weymouth	9 9	16	10.3	6.4	8.3	+2.5	12.8	9, 18	2.8	19	-	-	2.76	119	.65	27	15	11	-	-	-	-	30	-	-	-	2.30	82	
Devon	Shaftesbury	9 9	680	9.3	4.0	6.7	+2.8	13.3	14	1.7	1, 21, 28	-	-	3.66	149	.65	24, 27	19	14	-	-	-	-	14	0	-	-	-	-	
	Swanage	9 9	37	9.9	6.1	8.0	-	12.8	9, 14	2.8	19	-	8.2	2.98	-	.76	27	14	13	0	0	0	0	10	0	1	2.30	-	-	
	Poole	9 9	18	10.6	5.2	7.9	-	13.9	14, 18	1.7	19, 21	-	-	2.99	-	.64	27	15	13	0	0	0	0	0	0	7	1.55	-	-	
	Hartland Pt.	21-9	298	9.4	6.6	8.0	-	11.5	26	3.1	22	-	-	2.56	-	.37	7	20	16	0	0	1	0	0	0	0	0	2.18	-	-
Cornwall	Plymouth (Mt. Batten)	21-9	87	10.7	6.9	8.8	+2.6	12.4	18	3.8	1	-	-	3.74	120	.87	23	17	14	0	0	2	0	0	0	0	0	4	1.61	60
	Plymouth (The Hoe)	9 9	119	10.4	6.7	8.5	+2.3	13.3	18	3.3	1	8.1	8.4	3.71	120	.91	23	17	14	0	0	1	0	0	0	0	0	4	1.53	56
	Tavistock	9 9	457	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Chivenor	21-9	20	10.7	6.8	8.7	-	13.8	10	4.2	1	-	-	2.00	-	.33	3	16	14	0	0	2	0	0	0	0	4	2.17	-	-
Somerset	Ilfracombe	9 9	25	10.6	6.3	8.5	+2.2	12.8	10, 16, 26	3.3	3	8.1	8.8	2.66	95	.50	7	15	14	0	0	0	1	0	0	0	0	4	1.80	74
	Princetown	9 9	1359	7.4	3.7	5.5	-	9.4	17, 18, 26	0.5	3	-	-	9.04	132	1.16	23	23	19	-	-	-	-	12	1	18	-	-	-	
	Totnes	9 9	120	10.6	5.7	8.1	-	13.9	18	1.1	19	7.7	7.7	5.02	130	.94	23	16	14	0	0	0	2	0	7	1	1.83	-	-	
	Slapton	9 9	104	10.6	6.2	8.4	-	13.3	18, 19	2.8	28	-	-	3.50	-	.85	23	17	17	0	0	2	0	10	5	0	-	-	-	
Devon	Newton Abbot	9 9	272	10.5	5.8	8.1	+2.8	13.9	18	1.7	19	-	-	4.37	137	.89	23	16	13	0	0	1	0	0	20	7	0	1.66	61	
	Paignton	9 9	8	10.9	6.3	8.6	-	13.9	18	2.8	3	-	-	3.43	108	.71	23	16	12	0	0	0	0	0	8	1	2.17	83		
	Torquay	9 9	26	10.8	6.4	8.6	+2.4	13.9	18	2.8	28	-	8.0	3.31	115	.76	23	15	12	0	0	0	2	0	3	1	2.33	85		
	Teignmouth	9 9	20	10.8	6.9	8.9	+2.7	13.9	18	3.3	19	-	-	3.47	129	.82	23	16	13	0	0	0	1	0	0	0	1	2.19	80	
Cornwall	Starcross	9 9	29	10.7	5.6	8.1	-	13.9	18	0.6	25	7.7	-	3.51	-	.71	23	13	12	0	0	0	0	0	20	1	0	2.38	-	-
	Exeter (Southam)	9 9	160	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Exmouth	9 9	195	10.1	5.9	8.0	+2.6	13.3	18	2.8	28	-	-	3.32	133	.68	23	14	13	0	0	0	0	30	-	0	1.90	70		
	Exeter	21-9	106	10.3	6.4	8.3	-	13.3	18	2.2	28	-	-	3.06	114	.59	27	13	12	0	0	0	3	0	10	3	1	1.81	-	
Somerset	Sidmouth	9 9	25	10.6	6.3	8.5	+2.8	13.9	18	1.7	28	-	-	4.27	-	.78	27	13	13	-	-	-	-	0	0	1	-	1.98	-	-
	St. Mary's, Scilly	21-9	158	10.9	7.9	9.4	+1.8	12.3	18	5.4	1, 6	-	-	3.54	130	.71	23	19	15	0	0	0	2	1	10	-	0	2.26	82	
	Penzance	9 9	62	11.3	7.4	9.3	+2.0	13.3	18	4.4	1, 7	-	-	3.47	99	.71	23	18	15	0	0	0	2	3	0	0	3	2.03	74	
	Gulval	9 9	50	11.1	7.4	9.3	+2.4	12.8	18	4.4	7	-	-	3.09	-	.67	23	16	13	0	0	0	0	2	0	-	1	1.71	64	
Cornwall	Culdrose	9 9	268	10.4	6.4	8.4	-	12.2	16	2.8	7	-	-	3.21	-	.64	23	18	16	0	0	2	0	0	20	0	4	1.69	-	-
	Camborne (Rosewarne)	9 9	250	10.3	7.2	8.7	-	12.2	18	4.4	28	8.2	8.3	3.40	-	.57	23	18	15	0	0	3	0	2	0	0	1	1.59	-	-
	Lizard	9 9	240	10.2	8.0	9.1	-	11.7	18	3.9	7	-	-	3.43	121	1.06	23	19	14	0	0	2	0	1	-	9	1.63	-	-	
	Falmouth	9 9	167	10.9	6.9	8.9	+2.2	13.9	18	3.9	1, 7	-	-	4.09	110	.70	23	18	16	0	0	2	0	0	0	0	1	1.65	63	
Somerset	Newquay	9 9	176	10.6	7.0	8.8	+2.5	12.8	26	4.4	23	-	-	2.42	90	.44	23	14	12	0	0	2	1	-	-	3	1.63	61		
	St. Mawgan	21-9	337	9.9	6.7	8.3	-	11.8	26	4.3	1	-	-	2.45	-	.50	23	17	13	0	0	4	1	0	0	1	1.47	-	-	
	St. Austell	9 9	310	10.3	6.4	8.3	-	12.8	18	3.9	28	-	-	4.23	104	1.01	23	18	17	0	0	0	1	0	20	-	0	-	-	
	Fowey	9 9	51	10.7	7.2	8.9	+2.3	14.4	18	4.4	28	-	-	3.74	-	1.09	23	16	13	0	0	0	0	0	10	-	1	-	-	
Cornwall	Bude	9 9	50	10.8	6.6	8.7	+2.8	13.3	10	3.9	19, 22	7.2	-	2.35	93	.40	23	17	12	-	-	-	-	-	-	-	-	1.58	57	
	Ellbridge	9 9	190	10.1	6.2	8.1	-	13.3	18	2.2	1	-	-	4.13	-	.98	23	19	15	0	0	3	0	0	20	3	0	1.58	-	-
NORTHERN IRELAND																														
Londonderry	Eglinton	9 9	46	10.2	4.7	7.5	-	13.3	8	0.0	3	-	-	4.75	-	.61	3, 6	19	19	0	0	1	0	1	0	1	6	1	-	-
	Ballykelly	21-9	3	9.9	5.0	7.5	+2.2	12.8	8, 15, 26	2.2	3	-	-	3.55	151	.49	5	21	17	1	0	2	0	0	0	1	5	2	2.43	108
	Garvagh	9 9	121	9.3	3.6	6.5	+2.1	13.3	8	1.7	25	5.2	-	3.98	140	.58	3	21	18	2	0	0	0	0	0	4	9	2	-	-
	Portrush	-	18	-	-	-	-	-	-	-	-	-	-	3.39	-	.61	3	19	15	-	-	-	-	-	-	-	-	2.41	-	-
Antrim	Aldergrove	21-9	217	9.1	4.2	6.7	+2.1	12.7	13	3.6	3	-	-	3.21	134	.39	4	16	14	1	1	0	0	0	0	2	4	3	2.00	93
	Nutts Corner	21-9	338	9.0	4.1	6.5	-	12.4	13	3.3	3	-	-	3.59	130	.38	3	19	14	2	1	0	0	0	0	2	7	0	-	-
	Parkmore Forest	9 9	779	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Hillsborough	9 9	388	9.1	4.1	6.6	-	12.2	8, 12, 26	1.7	1	5.7	-	3.39	131	.48	4	19	14	0	0	1	0	0	0	1	2	10	0	2.33
Down	Kilkeel	21-9	59	9.4	5.2	7.3	-	12.7	12	1.5	1	-	-	2.85	-	.52	3	15	14	0	0	0	0	1	20	2	3	-	-	-
	Tollymore Park	9 9	130	10.1	4.7	7.4	-	13.9	12	0.0	1, 3	-	-	4.27	-	.71	25	20	16	-	-	-	-	-	-	-	-	-	-	-
	Belfast (Stormont)	9 9	200	9.5	4.1	6.8	-	13.3	19	1.1	1	5.5	5.8	3.24	-	.45	4	17	15	1	2	0</								

TABLE IV—SUMMARY OF OBSERVATIONS AT FIXED HOURS FEBRUARY 1961

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													
																														Speed in knots													
																														0 to 33													
0 to 10																																											
0 SCOTLAND, N.			3	272	1006.4	-	4.3	0.6	7.6	90	5.5	2	3	6	4	13	0	0	0	0	0	0	1	7	4	9	7	1	7	14	6	0	2	1	0	1	2	7	7	5	3		
Zetland	Lerwick Observatory	H.	9	272	1006.8	-2.2	4.7	0.8	7.5	87	6.6	0	1	4	14	9	0	0	0	0	0	0	1	9	5	9	4	1	6	18	2	1	0	2	1	0	4	8	7	2	2		
		15	272	1007.3	-	5.4	1.0	7.7	84	6.5	0	2	3	16	7	0	0	0	0	0	0	0	0	5	8	12	3	1	11	12	4	0	0	3	1	1	4	8	7	2	2		
		21	272	1007.4	-	4.6	0.5	7.9	91	5.0	0	10	2	6	10	0	0	0	0	0	0	0	0	0	6	5	13	4	0	10	14	4	0	0	2	1	0	4	5	7	7	1	1
Orkney	Kirkwall (Grimsetter)	H.	3	94	1007.2	-	4.4	0.7	7.6	90	5.5	0	6	7	4	11	0	0	0	0	0	0	0	6	5	13	4	0	6	10	12	0	1	2	2	1	13	5	6	2	2		
		9	94	1007.7	-	5.1	0.9	7.7	86	6.3	0	1	7	12	8	0	0	0	0	0	0	0	0	5	3	12	8	0	5	14	9	0	2	1	0	5	10	6	2	2			
		15	94	1007.8	-	6.4	1.2	8.0	83	5.7	0	6	4	7	11	0	0	0	0	0	0	0	0	6	4	10	8	1	7	13	6	1	4	0	0	3	10	3	5	5	1		
Caithness	Wick	H.	9	121	1008.1	-	4.3	0.9	7.2	85	5.9	0	4	5	8	11	0	0	0	0	0	0	0	5	2	13	7	0	3	10	13	2	1	0	1	5	12	0	6	1	1		
		15	121	1008.6	-1.3	5.0	1.1	7.3	84	5.5	0	3	5	18	2	0	0	0	0	0	0	0	1	4	2	14	7	0	1	14	12	1	0	1	1	5	13	3	3	1	0		
		21	121	1008.8	-	6.4	1.3	7.8	81	5.9	0	2	8	13	5	0	0	0	0	0	0	0	0	7	3	9	9	0	4	17	7	0	3	0	0	6	10	2	7	5	1	0	
Sutherland	Cape Wrath	H.	3	371	1008.9	-	4.4	0.9	7.3	85	4.6	1	9	5	6	7	0	0	0	0	0	1	0	4	3	13	7	0	1	16	10	1	1	1	0	5	10	4	5	1	1		
		9	371	1005.5	-	5.3	0.7	7.9	88	6.4	2	0	5	5	14	2	0	0	0	0	0	0	1	6	5	14	1	5	8	13	1	2	0	2	2	8	9	3	1	3			
		15	371	1006.0	-	5.4	0.8	7.9	88	6.4	1	1	3	13	10	0	0	0	0	0	0	0	0	4	2	11	10	3	5	4	16	0	1	2	3	4	7	6	2	3			
Ross & Cromarty	Stornoway	H.	3	16	1006.2	-	5.5	0.8	8.0	87	5.7	2	5	1	8	12	0	0	0	0	0	0	0	6	10	9	3	0	7	10	8	3	1	0	3	1	1	6	10	1	2		
		9	16	1006.6	-2.9	5.7	0.9	8.0	86	5.6	0	5	7	6	10	0	0	0	0	0	0	0	0	6	10	7	5	2	6	15	5	0	1	1	2	2	14	4	0	0			
		15	16	1007.1	-	7.3	1.4	8.4	81	6.0	1	2	6	11	8	0	0	0	0	0	0	0	0	4	9	11	4	1	8	16	3	0	0	0	2	2	3	12	4	5	0	1	
Inverness	Benbecula...	H.	3	21	1007.6	-	5.7	0.9	8.1	87	5.8	2	5	2	5	14	0	0	0	0	0	0	1	5	9	11	2	0	5	13	10	0	1	2	2	2	12	4	4	1	1		
		9	21	1006.2	-	6.2	0.6	8.6	90	6.1	2	2	3	10	11	0	0	0	1	0	0	2	8	5	8	4	1	12	10	5	0	1	1	0	6	11	3	4	1	1			
		15	21	1006.8	-	6.3	0.8	8.4	88	6.2	0	1	7	12	8	0	0	0	0	0	0	1	0	7	8	8	4	2	14	8	4	0	2	1	0	7	10	4	3	1	1		
		H.	15	21	1006.9	-	7.3	0.8	9.1	88	5.8	0	5	6	5	12	0	0	0	0	0	0	1	3	6	9	4	5	0	10	15	3	0	1	2	2	3	10	5	5	0	1	
		21	21	1007.5	-	6.1	0.6	8.7	91	6.3	1	1	5	8	13	0	0	0	0	0	0	0	0	9	7	8	4	0	7	14	7	0	1	1	3	5	10	2	5	1	1		
		1 SCOTLAND, E.			3	19	1008.1	-	4.8	1.3	7.0	81	5.7	1	4	4	11	8	0	0	0	0	0	1	4	10	11	2	0	0	15	13	0	0	0	1	2	5	17	1	2	1	2
Moray	Kinloss	H.	9	19	1008.8	-	5.0	1.3	7.1	82	6.0	1	3	3	15	6	0	0	0	0	0	0	0	7	7	7	6	0	1	12	15	0	0	0	2	4	5	9	7	1	0	0	
		15	19	1008.6	-	7.7	2.0	7.7	73	5.5	1	3	6	17	1	0	0	0	0	0	0	0	3	3	3	9	10	0	1	18	9	0	2	0	3	1	7	11	4	0	0		
		21	19	1008.9	-	5.1	1.3	7.1	81	4.6	2	7	5	9	5	0	0	0	0	0	1	0	0	1	6	4	15	1	1	6	20	0	1	0	2	2	9	12	2	0	0		
Aberdeen	Dyce	H.	3	193	1010.2	-	4.0	0.9	7.0	86	5.4	1	6	3	8	10	0	0	0	0	0	0	1	3	3	9	9	3	0	1	7	15	5	2	0	0	3	6	5	3	4	0	0
		9	193	1010.9	-0.7	4.7	1.0	7.3	85	5.4	0	5	6	11	6	0	0	0	0	0	0	1	4	7	5	4	7	0	0	8	17	3	1	0	0	2	6	11	2	3	0	0	
		15	193	1010.4	-	7.2	1.5	8.1	80	5.4	0	5	7	9	7	0	0	0	0	0	0	1	5	6	2	4	10	0	2	11	15	0	0	0	0	3	8	11	3	3	0	0	
	Rattray Head	H.	21	193	1011.0	-	4.5	0.8	7.4	87	4.7	4	6	3	3	12	0	0	0	0	0	0	3	11	5	8	1	1	0	5	22	0	0	0	0	0	3	8	11	3	3	0	0
		3	108	1009.0	-	4.3	0.9	7.2	85	5.9	0	3	6	9	9	1	0	0	0	0	0	0	0	3	11	13	0	0	2	17	8	1	0	0	0	2	12	6	4	3	0	0	
		9	108	1009.5	-	5.0	0.9	7.5	86	5.8	0	2	9	10	7	0	0	0	0	0	0	0	0	5	7	16	0	0	0	21	6	1	1	0	1	0	14	4	7	0	0		
Fife	Leuchars	H.	15	108	1009.5	-	6.9	1.3	8.1	80	5.7	0	2	11	6	8	1	0	1	0	0	0	0	7	6	13	0	1	6	16	4	1	1	0	1	3	13	1	7	1	1		
		21	108	1009.7	-	5.0	1.0	7.4	85	5.1	0	6	6	9	7	0	0	0	0	0	0	0	3	12	13	0	0	1	4	13	10	0	1	0	1	3	13	3	6	1	1		
		3	38	1010.3	-	4.6	0.6	7.7	89	5.4	2	3	7	4	11	1	0	0	2	0	1	2	9	6	5	3	0	0	2	10	11	5	1	0	1	1	1	7	9	3	0	0	
Midlothian	Turnhouse	H.	9	38	1011.3	-0.9	5.2	0.8	7.9	87	6.1	0	4	5	10	8	1	0	1	0	0	1	2	8	4	7	7	0	3	15	9	1	1	1	5	1	1	8	9	1	1		
		15	38	1010.8	-	7.7	1.6	8.3	79	5.7	0	2	9	8	9	0	0	0																									

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS FEBRUARY 1961

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 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.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS FEBRUARY 1961

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 ²						DIFFUSE RADIATION ON A HORIZONTAL SURFACE mw. hr./cm ²						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	196	28	10	24	71.0	28	90	26	10	24	51.5	28	210	28	14	24	75.9	28
Eskdalemuir	214	28	12	14	83.0	28	109	28	12	14	53.5	23	197	28	14	14	79.3	28
Cambridge	201	14	32	2	111.6	28	111	15	30	2	73.9	28	-	-	-	-	-	-
Kingsway	217	14	27	8	99.8	28	118	28	27	8	67.2	28	218	14	33	8	106.2	27
Kew	218	14	25	8	97.8	28	102	20	25	8	59.2	28	219	14	29	8	99.2	28
Aberporth	245	24	33	14	124.4	28	124	22	33	14	82.7	28	-	-	-	-	-	-

TABLE VIII—NUMBER OF DAYS IN FEBRUARY 1961 WITH MAXIMUM AND MINIMUM TEMPERATURES between given limits.

STATION	MAXIMUM TEMPERATURE °C.										STATION	MINIMUM TEMPERATURE °C.									
	0.0° or less	0.1° to 5.0°	5.1° to 10.0°	10.1° to 15.0°	15.1° to 20.0°	20.1° to 25.0°	25.1° to 30.0°	Above 30.0°	0.0° or less	0.1° to 5.0°		0.0° or less	0.1° to 5.0°	5.1° to 10.0°	10.1° to 15.0°	15.1° to 20.0°	20.1° to 25.0°	25.1° to 30.0°	Above 30.0°	0.0° or less	0.1° to 5.0°
Lerwick	0	6	21	1	0	0	0	0	0	1	3	18	6	0	0	0	0	0	0	0	13
Stornoway	0	1	24	3	0	0	0	0	0	4	11	13	0	0	0	0	0	0	0	0	9
Craibstone	0	4	16	8	0	0	0	0	0	6	19	3	0	0	0	0	0	0	0	0	13
Rothsay	0	2	22	4	0	0	0	0	0	2	16	10	0	0	0	0	0	0	0	0	12
Renfrew	0	2	16	0	0	0	0	0	0	3	13	12	0	0	0	0	0	0	0	2	21
Eskdalemuir	0	4	24	0	0	0	0	0	0	6	17	5	0	0	0	0	0	0	0	0	17
Douglas	0	1	26	1	0	0	0	0	0	1	13	14	0	0	0	0	0	0	0	1	9
Cockle Park	0	6	12	0	0	0	0	0	0	5	21	2	0	0	0	0	0	0	0	0	5
Gorleston	0	1	18	9	0	0	0	0	0	0	20	8	0	0	0	0	0	0	0	2	13
Cambridge	0	1	13	1	0	0	0	0	0	1	21	6	0	0	0	0	0	0	0	2	15
Birmingham	0	2	13	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13
Kew Observatory	0	0	12	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
Hastings	0	0	19	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13
Southampton	0	0	9	18	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
Stonyhurst	0	1	22	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	21
Bidston Observatory	0	2	13	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17
Holyhead (Valley)	0	0	22	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	9
Falmouth	0	0	10	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Aldergrove	0	2	14	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	13
Armagh	0	0	11	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	15

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 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	Per- cent- age of Aver- age	
				A Max.	B Min.			Maximum	Date	Minimum	Date	Amount	Date			-01in. (0.2mm.) or more	-04in. (1.0mm.) or more														
				Max. Min.	ft.	°C	°C	°C	°C	°C	°C	°C	°C	1 ft.	4 ft.	in.	%	in.													hr
1960		G.M.T.	ft.																												
August	Sule Skerry	9-9	43	58.6	52.1	55.3	-	62	1,9,23	46	13	-	-	1.96	-	.50	12	21	13	0	0	0	0	0	0	0	0	0	-	-	-
October	Mumbles	21-9	117	56.4	48.6	52.5	-	61	4,5	40	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
November	Thorney Island	21-9	10																												
November	South Farnborough	21-9	226																												

DUPLICATE
Monthly Weather Report
OF THE METEOROLOGICAL OFFICE

M.O. 701

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

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March 1961 — *Mild and unusually dry*

Weather during the month was generally anticyclonic. Pressure was highest over western Europe and southern England during the first two weeks, to the west of Ireland from the 17th to the 22nd and to the south-west of the British Isles during most of the rest of the month.

The weather pattern over the country was remarkably constant during the first half of the month, an anticyclone being situated to the south of the British Isles during the whole of that time with disturbances from the Atlantic moving round its northern flank. It was sunny and dry over the greater part of Britain, although Northern Ireland and northern Scotland were generally cloudy with occasional rain. Day temperatures were well above the average, but there was frost and fog at night. A moist southerly airstream became established on the 3rd as the centre of the anticyclone moved eastward across northern France. It lasted about a week and brought sea fog and low cloud to many southern and western coastal districts. In Cornwall, sky was obscured by fog on the 8th and 9th, although most of the county had had 8—10 hours sunshine daily during the first six days of the month. Afternoon temperature at Aberdeen on the 8th reached 18°C, whereas in parts of Devon, Cornwall and South-Wales the corresponding temperatures in sea fog were about 10°C lower. Fog was fairly widespread on the 9th and tended to persist throughout the day inland as well as on the coast.

Somewhat cooler air from the Atlantic spread eastwards across the country on the 10th, but the change was short-lived as on the following day a mild airstream from the south-west brought slight rain or drizzle to many districts. The anticyclone, which was over the Bay of Biscay on the 13th, moved eastward, becoming centred over northern France on the 15th, and over the Low Countries on the following day. Winds over southern England progressively backed first to the south, and then to the south-east, and weather became steadily warmer. The 16th was the warmest day of an unusually warm week for March with afternoon temperatures at many places exceeding 20°C.

There was a marked change in the general weather pattern on the 17th as the anticyclone over Europe declined and another formed in mid-Atlantic. This latter system moved slowly eastward and a cold northerly airstream spread over the British Isles bringing showers to most districts with sleet or snow at times even in southern England. Day temperatures on the 18th were generally about 10°C lower than two days previously, but still about normal for March. A deepening depression moving south-east from Iceland towards Denmark gave north-westerly gales along the east coast on the 20th with occasional wintry showers in Scotland and northern England; a gust of 70 kt was recorded at Lerwick. North-westerly winds with bright periods and occasional showers persisted over most of the country for two more days as the anticyclone to the west of Ireland drifted south-east towards Cornwall. By the 23rd, winds had backed to west fairly generally and temperatures were again above the average; in parts of eastern England 16°C was exceeded and there was more than 11 hours of sunshine.

Day temperatures remained above average on the 24th and 25th though there was frost at night. Cold northerly winds, however, again spread across the whole country on the 26th and reached gale force over a wide area with severe gales in Scotland. Wind speed in gusts exceeded 60 kt at many places and reached 74 kt at Lerwick. Showers of sleet and snow occurred locally. Milder weather with westerly winds returned to most places on the 28th, but cold northerly winds were resumed in Scotland during the last two days of the month with periods of moderate snow in places.

Pressure and Wind — Mean pressure was above the average everywhere except in the extreme north of Scotland, the deviation at 9h ranging from -0.4 mb at Lerwick to +13.0 mb at Scilly. Surface winds were generally between south and south-west until the 6th, becoming mainly southerly until the 9th, and generally south-westerly again until the 15th, backing to between south and south-east the next day. Three days of westerly winds on 23rd—25th interrupted a spell of north-westerlies which lasted from 17th to 27th, after which winds were westerly until the end of the month. Wind reached gale force on 20 days in Scotland and on the 1st—3rd, 5th, 6th, 8th, 9th, 12th, 15th, 16th, 20th, 24th—26th and 29th (15 days) in England and Wales. Gales were widespread, and severe in Scotland, on the 26th.

Temperature — Mean temperatures exceeded the 1921-50 average by 2.3°C in England and Wales; 2.5°C in Scotland, where for the main centres of population it was the warmest March, with the exception of 1938, for about 100 years; and 2.7°C in Northern Ireland. The mildest days occurred around the 9th in northern Scotland, where afternoon temperatures exceeded 19.5°C at a number of places, but around the 16th elsewhere. The coldest period was around the 27th and 31st in northern and eastern Scotland but around the 20th elsewhere in the British Isles.

Extremes included: (England and Wales) 22.8°C at Goldington on the 16th, -6.1°C at West Raynham on the 1st; (Scotland) 20.0°C at Halkirk on the 9th, -6.7°C at Halkirk on the 31st; (Northern Ireland) 17.8°C at Tollymore Park on the 17th, -1.7°C at Loughall on the 28th.

Precipitation — The general rainfall expressed as a percentage of the 1916-50 average was 25 in England and Wales, where it was the driest March since 1944; 95 in Scotland; 59 in Northern Ireland. Less than 5 per cent of the average rainfall occurred in south Devon, Dorset, the Vale of Taunton, the London Area, Kent and in the lower Severn, Wye and Usk valleys, while rainfall was less than 25 per cent of the average over the greater part of southern and central England, South Wales, the Vale of York, the Angus coast and eastern Down. The average was exceeded in north-west Scotland generally while in western Inverness-shire and Ross more than 150 per cent of the average was recorded. Periods of 15 or more consecutive days without measurable rain occurred in very many places, and in some parts of southern England as many as 30 days — from late February to late March — were rainless.

Snow or sleet occurred locally in Scotland on 14 days; it was reported from many places around the 16th-20th and during the last few days of the month. In England and Wales snow and sleet showers were widespread on the 19th and 20th and also occurred locally on the 18th, 21st and 30th. Thunder was reported from one place or another in Scotland on 9 days and in England and Wales on the 18th and 21st.

Sunshine — The general sunshine expressed as a percentage of the 1921-50 average was 128 in England and Wales, 88 in Scotland and 85 in Northern Ireland. Sunshine was above 150 per cent of the average over most of the London area, being 169 per cent of the average locally in Central London where it was the sunniest March since at least 1928.

Fog — In England and Wales, early morning fog occurred at one place or another on the 1st, 3rd—17th, 25th and 29th—31st (20 days); it was widespread on the 8th—10th. In Scotland, morning fog was reported on 14 days.

Miscellaneous Phenomena — The aurora was visible in Scotland on 8 nights; it was seen as far south as Ronaldsway on the night of the 5th/6th.

MWR dup

TABLE I—DISTRICT VALUES— MARCH

1961

(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.	20.0	-6.7	+1.9	+2.3	+2.1	—	—	126	+2	82
Eastern										
1 SCOTLAND, E.	19.5	-6.1	+3.4	+2.8	+3.1	—	—	52	-4	104
2 ENGLAND, N.E.	22.2	-5.0	+3.2	+2.2	+2.7	+1.9	+1.2	36	-9	131
3 ENGLAND, E.	22.8	-6.1	+3.2	+1.2	+2.2	+1.6	+1.0	20	-7	131
4 MIDLAND COUNTIES	21.1	-4.4	+3.3	+1.8	+2.6	+1.9	+1.5	16	-8	146

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.	22.2	-5.6	+3.0	+0.9	+2.0	+1.8	+1.7	5	-9	135
Western										
6 SCOTLAND, W.	16.7	-6.0	+1.7	+3.0	+2.3	+2.3	+1.3	81	0	77
7 ENGLAND, N.W. (and N. Wales)	20.6	-5.6	+2.3	+2.7	+2.5	+1.9	+1.4	54	-4	117
8 ENGLAND, S.W. (and S. Wales)	20.6	-5.0	+2.6	+0.7	+1.5	+1.9	+1.3	9	-8	110
NORTHERN IRELAND	17.8	-1.7	+2.4	+3.1	+2.7	-	-	57	-3	85

TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— MARCH

1961

(1914)

DISTRICT, COUNTY AND PLACE			Height of Vane		Distribution of Mean Hourly Values of 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	Mean Hourly Wind Speed	Highest Hourly Wind			Highest Gust	
						Dates of Occurrence	Duration	No. of days	Duration	Duration	Duration	Duration	Duration	knots	Speed	Hour ended at	Speed	Day and Time	
			ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	hr.		°	knots	day hr.	knots	day h.m.
0 Zetland						3, 12, 15, 16, 20,													
Orkney						25, 26													
Calthness						12, 15, 20, 25, 26													
Halkirk (Olgrinbeg)						26													
Ross & Cromarty						1-3, 5, 6, 8, 9 *													
Inverness						26													
Moray						3, 26													
Aberdeen						25, 26													
Angus						20													
Perth						12, 13, 20, 25, 26													
Fife						21													
Midlothian						21													
Argyll						21													
Bute						21													
Renfrew						21													
Ayr						21													
Dumfries						21													
ENGLAND and WALES																			
6b Isle of Man																			
Durham																			
Lincoln																			
Norfolk																			
Suffolk																			
Bedford																			
Hertford																			
Essex																			
4 Yorks., W.R.																			
Warwick																			
Stafford																			
Gloucester																			
5 London																			
Middlesex																			
Surrey																			
Kent																			
Sussex																			
Hampshire																			
Berkshire																			
Wiltshire																			
7a Cumberland																			
Westmorland																			
Lancashire																			
Cheshire																			
7b Anglesey																			
8a Cardigan																			
Pembroke																			
Glamorgan																			
8b Devon																			
Cornwall																			
NORTHERN IRELAND																			
Londonderry																			
Antrim																			
CHANNEL ISLES																			
Jersey Airport																			

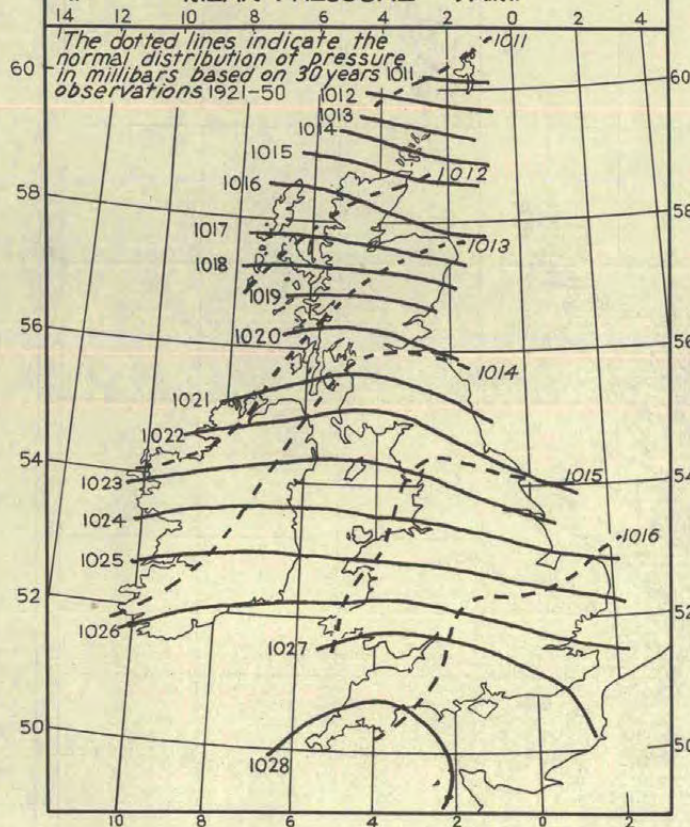
* Also on 12th, 15th, 16th, 25th, 26th.

† Defective record.

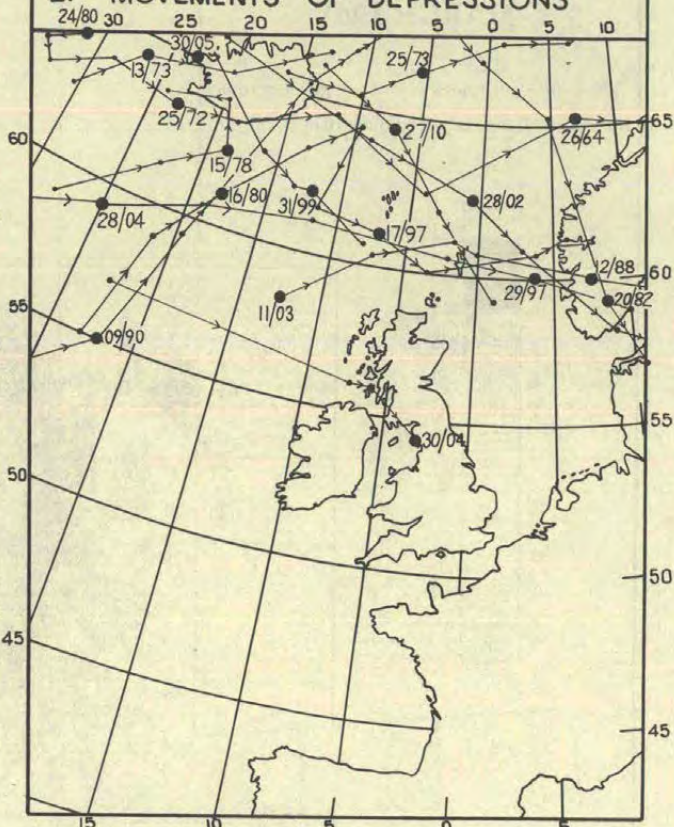
MONTHLY WEATHER CHARTS

MARCH 1961

1. MEAN PRESSURE 9 A.M.

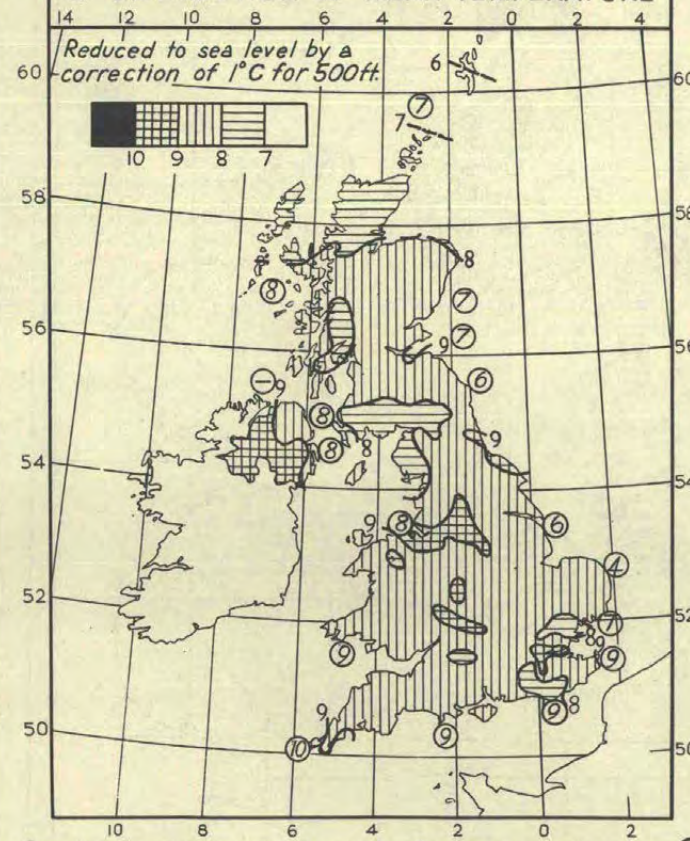


2. MOVEMENTS OF DEPRESSIONS

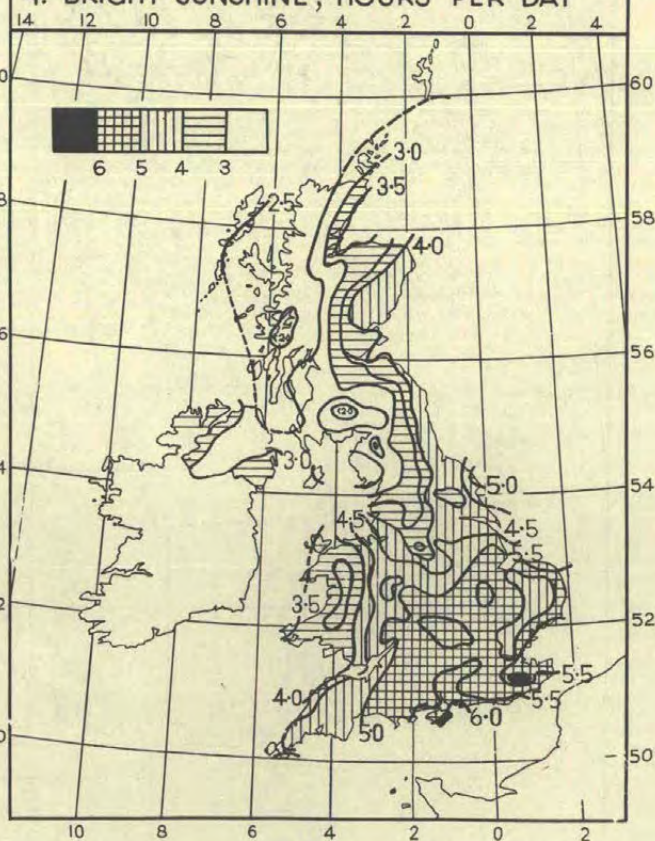


Positions of centres shown thus: ● at 12h.
First two figures show date, last two central pressure (mb)

3. DISTRIBUTION OF MEAN TEMPERATURE



4. BRIGHT SUNSHINE, HOURS PER DAY



Sea temperatures are shown by figures in circles, thus: ⑩

RAINFALL MARCH 1961

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

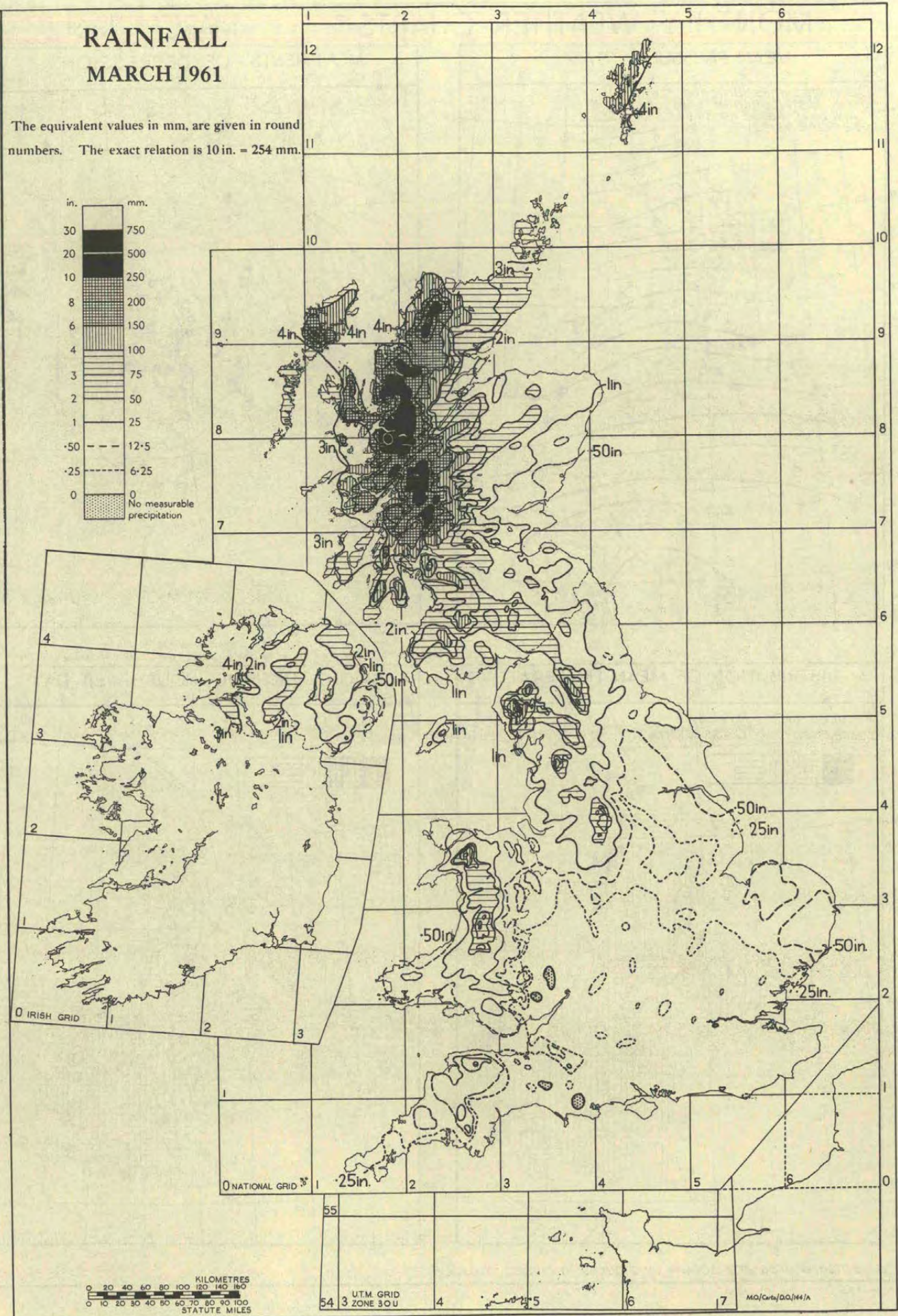
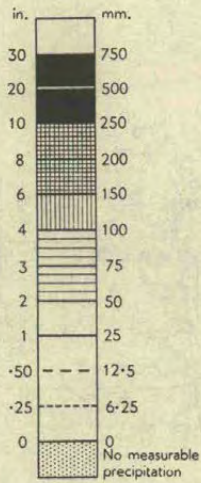


TABLE III — SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER MARCH 1961

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	B		Maximum	Date	Minimum	Date	Amount	Date	-0.1in (0.2mm) or more	-0.1in (1.0mm) or more																	
			Max.	Min.		Mean of A and B	Mean of A and B	Maximum	Minimum	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	Lerwick Obs'y. §§	21-9	269	7.6	3.6	5.6	+1.7	13.3	9	-3.4	27	-	-	3.79	123	.83	17	25	18	10	4	1	8	0	1	6	10	2.35	80	
	Baltsound ...	9 9	78	8.2	3.1	5.7	-	13.3	9	-2.8	27, 31	5.7	-	4.61	125	.85	11	25	21	11	1	10	0	0	0	4	-	2.18	-	
Orkney	Sule Skerry ...	9 9	43	8.6	6.0	7.3	-	12.0	8	0.0	27	-	-	3.71	-	.50	25	19	16	3	0	0	0	0	0	1	1	3	-	
	Kirkwall (Grimsetter) ...	21-9	84	9.5	4.4	6.9	-	17.8	9	-2.8	31	-	-	3.13	117	.45	17	24	16	9	1	10	0	0	0	4	6	5	2.91	
Caithness	Dounreay ...	9 9	73	10.8	3.9	7.3	-	18.9	9	-3.3	31	-	-	2.72	-	.44	17	21	15	3	1	0	0	0	0	3	10	5	-	
	Halkirk (Olgrinbeg) ...	9 9	232	11.0	2.2	6.6	-	20.0	9	-6.7	31	-	-	2.47	-	.54	17	21	15	4	1	1	0	0	0	8	16	6	-	
	Wick ... §§	21-9	119	10.4	3.9	7.1	+2.3	17.3	9	-5.0	31	-	-	2.02	112	.34	30	19	16	6	1	2	5	0	0	5	6	3	3.53	
Sutherland	Cape Wrath ...	21-9	367	7.9	5.2	6.5	-	15.0	8	0.0	30, 31	-	-	3.87	134	.56	11	23	17	6	0	6	0	1	3	2	4	2	-	
	Lairg (Achany) ...	9 9	240	11.6	3.0	7.3	-	19.4	9	-3.9	31	5.4	4.8	3.40	-	.58	28	23	17	8	1	5	0	0	0	6	19	0	-	
	Strathly ...	9 9	120	10.9	3.7	7.3	-	19.4	9	-6.1	31	-	-	3.30	132	.66	30	24	18	8	1	0	5	0	0	3	-	1	2.64	
Ross & Cromarty	Stornoway §§	21-9	11	10.2	5.6	7.9	+2.3	13.6	9	-1.8	31	-	-	3.35	146	.43	16	26	17	4	0	1	5	0	0	2	3	2	2.56	
	Balmacara ...	9 9	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	76	
	Achnashellach ...	9 9	220	10.1	4.3	7.2	+2.1	16.7	9	-2.8	31	-	-	11.66	209	1.27	3	28	26	4	1	2	0	0	0	3	-	0	-	
	Kinlochewe ...	9 9	76	11.2	5.2	8.2	-	18.3	9	-2.2	31	-	-	9.91	-	2.41	25	27	24	3	1	2	0	0	0	2	3	0	1.57	
	Garve (Blackbridge) ...	9 9	690	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Fortrose ... §§	9 9	15	-	-	-	-	-	-	-	-	-	-	1.44	97	.37	26	13	11	3	1	1	0	0	0	-	-	1	3.18	
	Tarbatness ...	21-9	60	10.0	5.2	7.6	-	16.0	9	-1.0	31	-	-	.43	-	.06	17	15	5	0	0	0	0	0	0	1	-	0	-	
Inverness	Benbecula ...	21-9	19	9.7	6.2	7.9	-	12.2	8	-0.3	31	-	-	3.31	132	.57	16	25	17	2	0	3	2	0	0	1	2	2	2.52	
	Isle of Rhum ...	9 9	15	10.7	5.8	8.3	-	16.7	8	-0.5	31	7.8	7.5	7.72	-	.86	11, 28	27	23	12	0	1	3	0	0	1	7	7	-	
	Prabost ...	9 9	220	9.7	4.7	7.2	-	15.6	9	-2.2	31	-	-	6.21	-	.89	11	28	24	2	1	0	5	0	0	2	7	8	2.22	
	Duntulm ...	9 9	294	9.3	4.8	7.1	-	12.2	9	-0.5	31	-	-	4.49	139	.76	25	20	2	0	3	0	0	4	1	2	4	2	2.15	
	Onich ... §§	9 9	48	10.0	4.9	7.5	+1.9	12.2	5	-1.1	31	-	-	8.21	151	1.44	11	24	22	-	0	3	0	-	-	2	3	10	-	
	Fort William (Camaghael) ...	9 9	27	10.6	5.2	7.9	-	12.8	5, 9, 14	-1.1	21	7.1	6.6	6.15	-	1.64	11	23	19	1	0	0	3	0	0	2	6	0	2.14	
	Fort Augustus ...	9 9	70	10.8	5.2	8.0	+2.9	14.4	5	-1.7	31	-	-	3.62	-	1.02	11	22	12	2	0	0	0	0	0	2	-	0	2.50	
	Cannich ...	9 9	350	11.4	3.7	7.5	-	15.0	9	-1.7	27	-	-	3.31	119	.59	11	17	14	3	1	0	0	0	0	4	15	0	-	
	Dalwhinnie ...	18-9	1176	8.5	2.9	5.7	-	12.8	5	-5.5	31	-	-	3.21	102	.78	11	22	16	6	3	1	0	0	0	4	13	0	2.90	
	Inverness ...	9 9	13	11.7	5.4	8.5	-	16.1	9	-0.5	31	-	-	.96	-	.30	17	13	9	1	0	0	1	0	0	1	3	0	3.58	
	Achnagoichan ...	9 9	1000	10.2	3.3	6.7	-	15.0	5, 9	-2.8	27	5.2	-	1.53	-	.28	11	17	12	-	-	-	-	-	-	5	14	-	-	
	Glenmore Lodge ...	9 9	1120	10.2	2.3	6.3	-	16.1	9	-2.9	27	-	-	1.61	-	.39	17	16	11	6	2	0	0	0	1	10	15	0	2.99	
1 SCOTLAND, E.																														
Nairn	Nairn ... §§	9 9	20	12.2	4.3	8.3	+3.0	16.7	9, 10	-1.1	27, 31	-	-	1.14	83	.26	17	16	11	1	1	1	0	0	0	2	11	0	3.73	
	Grantown-on-Spey ...	9 9	720	11.1	2.3	6.7	-	16.1	9	-2.2	27, 31	-	-	1.09	-	.29	26	13	10	-	1	-	-	-	0	6	14	-	103	
	Forres ...	9 9	155	11.9	4.7	8.3	-	18.3	9	-1.7	31	6.6	6.1	.94	63	.26	17	13	7	1	1	0	0	0	0	2	11	0	3.43	
	Kinloss ...	21-9	15	11.9	4.9	8.4	-	17.7	9	-2.6	31	-	-	.90	-	.19	17	8	3	0	0	0	5	0	0	2	8	1	3.33	
	Elgin ...	9 9	92	12.3	5.0	8.7	-	17.8	5, 9	-1.1	31	-	-	1.22	-	.38	17	10	0	0	0	0	0	0	0	2	3	0	3.51	
	Lossiemouth ...	9 9	21	11.7	4.2	7.9	-	17.2	9	-1.1	7	-	-	1.32	-	.23	17	16	12	4	0	4	0	0	0	3	4	2	-	
	Gordon Castle ...	9 9	104	12.8	4.1	8.5	+3.2	18.3	9	-2.2	31	-	-	1.34	79	.34	17	16	10	-	1	-	-	-	-	3	-	-	3.35	
Banff	Glenlivet ...	9 9	1085	10.2	2.9	6.5	-	17.2	5	-2.0	27	4.1	-	1.01	45	.22	18	14	8	6	3	3	0	0	0	11	14	1	3.18	
Aberdeen	Braemar ...	9 9	1113	10.1	2.6	6.3	+3.4	14.4	5, 8, 16	-2.8	31	-	-	.99	44	.21	11	13	8	-	0	0	-	-	0	7	18	-	3.43	
	Balmoral ...	9 9	927	10.7	2.4	6.5	+3.4	16.1	8	-2.8	7, 31	-	-	1.28	62	.30	18	14	7	5	3	0	0	0	-	7	18	2	-	
	Logie Coldstone ...	9 9	608	12.3	3.3	7.8	+3.9	18.3	8	-2.2	7	-	-	1.27	-	.35	18	12	9	-	2	-	-	-	-	6	-	-	-	
	Huntly ...	9 9	405	12.1	3.3	7.7	-	19.5	9	-2.4	27	-	-	1.48	-	.28	17	19	11	5	1	1	0	0	0	3	9	0	-	
	Fyvie Castle ...	9 9	218	12.2	3.1	7.7	-	19.4	9	-1.7	5	-	-	1.32	-	.25	17	12	12	-	0	-	-	-	-	6	17	-	4.18	
	Craigstone §§	9 9	300	12.1	3.8	7.9	+3.3	16.7	8, 13	-1.7	27	5.6	5.3	.85	42	.14	26	14	10	5	2	2	0	0	0	3	12	4	4.44	
	Dyce ...	21-9	190	12.3	3.2	7.7	-	17.6	8	-1.3	27	-	-	.81	38	.15	18	13	9	6	2	0	4	0	0	6	12	2	4.50	
	Aberdeen ...	9 9	170	12.3	3.8	8.1	-	17.2	14	-0.5	19, 31	-	-	.70	35	.18	17	13	5	4	2	0	1	0	0	4	13	2	4.45	
	Udny ...	9 9	363	11.8	3.5	7.7	-	16.7	14	-1.1	27, 31	-	-	.95	-	.23	17	14	9	6	1	3	0	0	0	3	17	2	4.28	
Kineardine	Rattray Head ...	21-9	85	11.0	3.9	7.5	-	15.5	8	0.1	31	-	-	1.30	78	.23	17	16	14	4	0	3	1	0	0	0	-	4	4.22	
	Fettercairn ...	9 9	580	10.9	3.0	6.9	-	15.6	14	-1.1	20, 27	-	-	.97	-	.28	19	10	7	4	1	0	0	0	1	3	16	2	4.31	
	Stonehaven ...	9 9	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Muchalls ...	9 9	210	12.1	3.8	7.9	-	16.7	14	-1.1	27	-	-	.64	-	.19	17	11	6	2	0	0	0	0	0	3	13	0	-	
Angus	Dundee (Mylnefield) ...	9 9	100	11.8	4.3	8.1	-	15.0	29	-0.5	19, 31	6.4	6.3	.64	-	.35	29	8	2	3	0	0	1	0	1	3	14	2	3.96	
	Auchterhouse ...	9 9	780	10.3	3.2	6.7	-	13.3	29	-2.2	31	5.4	5.3	.86	-	.36	29	9	5	7	1	1	0	0	0	1	4	18	2	3.96
	Dundee §§	9 9	147	12.0	5.1	8.5	+3.4	15.6	29	0.6	19, 31	6.6	-	.64	33	.29	29	11	3	3	0	1	0	0	-	0	13	1	3.21	
	Glamis Castle ...	9 9	200	11.8	3.1	7.5	-	15.0	14, 29	-2.2	6, 31	-	-	.60	-	.20	29	11	4	1	0	0	0	0	0	1	7	18	1	-
	Tarfside ...	9 9	750	11.6	1.6	6.6	-	16.7	8	-3.3	7	-	-	.87	-	.20	18	10	8	4	2	1	0	0	0	0	12	24	1	4.26
	Buddon Ness ...	9 9	15	11.6	4.0	7.8	-	14.4	12, 22	-6.1	6	-	-	.40	23	.19	29	6	2	1	-	1	0	0	0	1	5	-	6	-
	Carnoustie ...	9 9	29</																											

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER MARCH 1961

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		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.	in.	%		in.	Date	0-1in (0-2mm.) or more	0-1in (1-6mm.) or more											
				Max.	Min.			Max.	Min.	Max.	Min.	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 cont.	Penicuik	99	620	10.4	4.0	7.2	-	15.0	16	0.0	19,30	6.2	-	1.58	-	.74	29	13	9	2	1	1	0	0	0	2	12	2	3.32	-8	
	Bush House	99	605	10.7	4.5	7.6	-	15.0	16	0.0	27,30	6.2	5.5	2.46	-	.80	11	13	6	3	1	0	0	0	0	2	10	0	-	-	
E. Lothian	Edinburgh—Blackford Hill	99	441	11.4	5.1	8.3	+3.1	15.6	16	0.0	30	-	-	.92	57	.58	29	10	3	1	1	1	0	0	0	1	7	0	3.51	95	
	Liberton	99	200	11.8	5.4	8.6	-	16.7	16	-0.5	31	-	-	.94	-	.60	29	10	3	4	1	0	0	0	0	1	7	1	4.00	-	
	Botanic Garden	99	74	11.8	5.1	8.5	-	15.6	16	0.0	6,27	6.9	-	1.15	-	.73	29	8	3	2	0	1	0	0	0	2	13	1	3.51	-	
	Haddington	99	162	11.9	4.9	8.4	-	16.7	16	0.0	6,31	-	-	.86	-	(.48)	(29)	7	3	1	0	2	0	0	0	2	8	2	3.90	-	
	North Berwick	99	51	12.2	5.4	8.8	+3.4	15.6	16	2.2	20,27,31	-	-	.72	45	.47	29	7	3	2	0	1	0	0	0	0	0	-	1	3.24	92
Berwick	Dunbar	99	75	11.7	5.6	8.7	-	15.6	16	1.7	30	-	-	.84	-	.51	29	7	4	1	0	1	0	0	0	0	0	2	0	4.70	-
	Marchmont	99	498	10.8	4.1	7.5	+2.8	13.9	7	-1.1	27	-	-	.96	45	.52	29	10	6	2	1	0	0	0	0	4	-	2	3.72	1148	
	St. Abb's Head	99	245	10.2	6.2	8.2	-	13.2	29	2.0	19,30	-	-	.80	-	.35	29	8	6	0	0	0	0	0	0	0	0	1	7	-	-
Peebles	Broughton	99	741	9.8	4.2	7.0	-	12.2	7,15	-1.7	19	-	-	1.85	-	.57	29	17	9	2	0	0	0	0	0	0	3	12	0	-	-
	Blyth Bridge	99	830	9.8	4.0	6.9	-	13.3	16	-1.1	19,27	-	-	1.85	-	.65	29	16	10	2	1	0	2	0	0	3	12	0	3.14	-	
	West Linton	99	800	10.1	3.3	6.7	-	14.4	16	-1.1	19,27	6.1	5.6	2.09	-	.56	29	19	12	2	1	0	0	0	0	6	11	0	-	-	
Selkirk	Peebles	99	645	10.4	-	-	-	15.0	16	-	-	-	-	1.44	-	.52	29	14	10	3	1	0	0	0	0	-	13	1	2.99	-	
	Peebles (Glentress)	99	580	11.1	3.9	7.5	-	15.6	16	-1.1	19	-	-	1.50	-	.66	29	15	10	3	0	0	0	0	0	4	-	0	-	-	
	Selkirk (Bowhill)	99	600	10.8	3.8	7.3	-	14.4	13	-1.7	27	-	-	1.50	-	.70	29	11	6	2	1	0	0	0	1	5	-	0	-	-	
Roxburgh	Hawick (Wauchope)	99	560	10.4	3.8	7.1	-	12.8	24	-1.7	19	-	-	1.07	-	.35	29	11	6	-	0	-	-	-	0	6	-	-	-	-	
	Sourhope	99	900	9.9	3.4	6.7	-	13.9	9	-1.7	19	-	-	.80	-	.44	29	12	3	3	1	0	1	0	0	6	13	1	2.75	-	
6a SCOTLAND, W.																															
Argyll	Tiree	99	21-9	29	10.1	6.4	8.3	+2.1	11.8	15,24	1.4	31	-	-	2.54	98	.48	1	24	16	0	0	0	5	0	1	0	1	0	2.55	68
	Rhuvaal	99	65	10.0	6.3	8.1	-	13.8	15	1.9	27	-	-	2.94	-	.55	11	19	13	0	0	1	0	0	0	0	0	0	-	-	
	Colonsay	99	87	10.5	5.7	8.1	-	16.7	25	1.1	31	-	-	3.22	103	.65	11	25	15	1	-	3	0	0	1	0	-	1	-	-	
	Campbeltown	99	10	10.4	5.6	8.0	-	14.4	16	2.8	21	-	-	1.49	-	.36	29	16	9	-	0	-	-	-	-	0	-	-	2.30	-	
	Tarbert (Achaglachgach)	99	40	10.4	4.7	7.5	-	13.3	15	-1.1	19	-	-	4.57	-	1.05	29	21	15	0	0	3	0	0	0	0	3	9	0	-	-
	Oban	99	229	9.7	5.4	7.5	-	13.9	7	1.1	27	-	-	5.40	170	1.51	11	26	18	4	0	0	0	0	0	0	4	1	1.86	59	
	Lepinmore	99	30	10.4	5.3	7.9	-	15.0	5	0.0	21,31	-	-	4.79	-	.94	11	20	16	1	0	0	1	0	2	7	0	2.11	-8		
	Glenbranter	99	120	10.3	3.8	7.1	+1.9	13.3	15,16	-2.2	21	-	-	7.61	124	1.60	11	22	19	-	0	-	-	-	0	3	-	-	-	-	
	Benmore (Forestry Sch.)	99	46	10.5	4.2	7.3	-	13.3	15,16	-2.2	19	7.1	6.6	6.33	105	1.25	11	20	18	1	0	1	0	0	2	4	10	0	-	-	
	Benmore (Younger Bot. Gdn.)	99	40	10.6	4.7	7.7	-	13.9	16	-1.7	19	-	-	6.45	-	1.24	11	22	18	1	0	0	3	0	1	3	7	0	-	-	
Bute	Lochrana	99	35																												
	Rothsay	99	150	10.2	5.3	7.7	+2.0	13.3	11,16	1.1	19	7.1	6.7	3.05	91	.73	29	20	11	2	0	0	0	0	1	0	8	2	2.65	82	
	Millport	99	16	10.3	5.7	8.0	-	13.9	15	1.1	19	-	-	1.82	66	.47	29	17	9	0	0	0	0	0	0	1	0	-	4	-	-
	Helensburgh	99	293	10.4	4.7	7.5	+2.3	13.9	16	-0.5	19	-	-	3.17	87	.63	29	18	13	1	0	0	1	0	1	2	-	0	-	-	
Dunbarton	Stirling	99	151	11.7	5.6	8.7	+3.1	15.6	16	0.6	19,27	6.8	6.3	1.34	58	.45	29	12	7	1	0	0	1	0	5	0	6	1	-	-	
	Falkirk	99	100	11.5	4.9	8.2	-	15.6	16	0.6	19,30	-	-	1.85	-	.50	29	10	8	-	0	-	-	-	-	1	0	-	-	-	
	Greenock	99	200	11.0	5.5	8.3	+2.6	15.0	10	1.1	30	-	-	3.98	98	.93	11	20	12	1	0	3	0	0	1	0	5	0	2.55	-	
Renfrew	Paisley	99	106	11.6	5.7	8.7	+2.8	14.4	16	1.1	19,30	7.8	7.6	2.39	85	.66	29	13	9	1	0	2	0	0	2	0	7	1	3.08	105	
	Barrhead	99	97	10.8	5.0	7.9	-	14.4	16	0.6	6,19	-	-	2.77	-	.63	29	13	8	2	0	0	0	0	1	0	7	0	-	-	
	Renfrew	99	26	11.3	5.5	8.4	+2.9	15.0	16	0.6	19,27	-	-	2.00	80	.69	29	11	7	1	0	2	0	0	2	0	7	0	2.67	89	
	Thorntonhall	99	453	10.2	4.4	7.3	-	13.9	16	-0.5	19	-	-	2.83	-	.61	29	16	10	1	0	0	2	0	-	1	13	0	-	-	
Lanark	Glasgow, Spr. Pk.	99	351	10.7	4.7	7.7	-	15.0	16	0.0	17,19,30	-	-	2.41	98	.63	29	15	10	4	0	2	0	0	0	3	11	0	2.46	-	
	Coatbridge	99	256	11.1	5.1	8.1	-	15.6	16	-0.5	19	-	-	1.99	-	.61	29	15	8	0	0	0	0	0	0	1	-	0	-	-	
	Coalburn (Midtown)	99	707	9.6	3.6	6.6	-	12.8	14	-2.7	19	6.3	-	2.85	-	.64	28	16	10	0	0	0	1	0	0	4	9	0	3.06	-	
	Lowther Hill	99	2377	4.8	0.5	2.7	-	7.5	16	-6.0	21	-	-	-	-	-	-	-	-	-	-	-	-	-	28	14	-	16	0.83	-	
	Leadhills	99	1270	8.1	3.2	5.7	-	11.1	6	-3.3	19	-	-	2.63	-	.66	28	16	11	2	0	1	0	0	1	3	11	0	-	-	
	Carnwath	99	708	9.8	3.6	6.7	-	13.3	16	-2.2	19	-	-	1.51	-	.65	29	15	7	2	0	0	0	0	0	4	17	0	-	-	
Ayr	Colmonell	99	170	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Turnberry	99	25	10.9	5.8	8.3	+2.2	13.9	7	3.3	3,21	-	-	2.27	-	.82	29	13	10	-	0	-	-	-	-	0	-	-	2.82	-	
	Largs	99	20	10.5	5.6	8.1	-	14.4	15	-0.5	19	-	-	2.10	-	.50	29	17	10	-	0	-	-</								

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER MARCH 1961

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	Per-centage 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. 0°C. or less	Gale	Daily Mean	Per-centage of Average						
			A	B			Maximum	Minimum																		Date	Date				
			Max.	Min.			°C.	°C.																		°C.	°C.	°C.	°C.	°C.	°C.
2 ENGLAND, N.E.—cont.																															
Northumberland cont.	Acklington ...	21-9	138	11.5	4.2	7.9	-	15.9	9	-0.8	6,20	-	-	.55	-	.43	29	5	2	1	0	0	0	0	0	8	2	4.38	-		
	Tynemouth ...	21-9	95	11.6	5.4	8.5	+2.6	15.3	9	0.5	27	-	-	.86	56	.43	29	8	5	1	0	0	0	1	0	6	4	4.13	-		
	Durham	Chopwellwood ...	9 9	446	12.5	4.0	8.3	+3.4	17.2	6	0.0	27	-	-	.87	47	.60	29	5	3	1	0	0	0	0	1	2	20	1	-	-
	Ushaw College ...	9 9	594	11.7	3.7	7.7	+2.7	16.7	16	-1.1	20	-	-	1.03	53	.63	29	4	3	0	0	0	1	0	0	1	2	0	-	-	
	Houghall ...	9 9	123	12.9	2.6	7.7	+2.4	17.8	16	-2.2	20	-	-	.94	55	.63	29	3	3	1	0	0	0	0	1	9	15	2	4.46	139	
	Durham	Walls ...	9 9	336	12.3	3.8	8.1	+2.9	17.2	16	-0.5	20	6.6	6.5	.92	56	.63	29	4	3	-	-	-	-	3	17	-	4.31	129		
	Gateshead ...	9 9	509	11.8	4.7	8.3	-	17.2	6	0.0	19	-	-	.72	-	.51	29	5	3	-	-	-	-	1	1	4	-	4.19	-		
Yorks., N. Riding	Middleton St. Gge. ...	21-9	115	12.3	4.5	8.4	-	19.1	16	-0.4	20	-	-	.61	-	.36	29	5	3	1	0	0	0	2	1	11	0	4.24	-		
	West Hartlepool ...	9 9	30	12.8	4.9	8.9	-	18.9	16	0.6	20	-	-	.83	-	.42	29	7	6	1	0	1	0	0	0	7	1	4.21	-		
	Hawes ...	-	745	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Dishforth ...	21-9	105	12.5	4.1	8.3	-	18.6	16	-0.4	5	-	-	.33	22	.19	30	4	2	1	0	0	0	0	4	2	11	2	4.31	-	
	York	Ampleforth ...	9 9	57	12.9	4.3	8.6	+2.6	18.9	16	0.6	19,20	6.7	6.8	.34	24	.18	30	8	2	0	0	0	0	5	0	-	0	3.74	116	
	Ampleforth ...	9 9	313	11.8	3.3	7.5	+2.3	17.2	16	-1.7	21	-	-	.70	38	.31	29	9	4	-	-	-	-	4	19	-	-	-	-	-	
	Redcar ...	9 9	25	13.1	5.3	9.2	-	19.4	16	0.6	19	-	-	.80	59	.46	29	6	5	1	0	0	1	0	0	0	-	2	3.88	-	
Yorks., E. Riding	Whitby ...	9 9	135	12.7	4.7	8.7	-	18.9	16	0.6	20	-	-	.81	50	.32	29	8	5	1	0	1	0	0	4	0	-	0	5.16	-	
	Scarborough	9 9	118	13.1	5.1	9.1	+2.8	18.3	16	0.6	20	-	-	.74	49	.32	29	7	7	0	0	0	0	1	0	1	2	5.15	148		
	Silpho Moor ...	9 9	665	11.8	3.4	7.6	-	17.2	16	-0.5	20	5.6	-	.91	-	.32	29	11	5	2	0	0	0	0	4	5	13	0	-	-	
	High Mowthorpe ...	9 9	574	11.3	3.3	7.3	-	17.2	16	-1.1	18,20	5.7	-	.77	-	.38	29	10	4	2	1	0	0	0	2	5	14	0	4.44	-	
	Hull	9 9	8	13.3	4.7	9.0	+2.9	20.0	16	0.6	19,20	7.0	6.6	.59	40	.29	29	8	4	1	0	0	0	0	0	14	0	4.31	137		
	Leconfield ...	21-9	24	13.0	3.6	8.3	-	19.4	16	-1.1	5	-	-	.59	-	.31	29	8	3	1	0	1	0	0	4	4	12	0	-	-	
	Filey ...	9 9	122	11.9	3.6	7.7	-	17.2	16	-1.1	20	-	-	.76	-	.30	29	9	6	0	0	2	1	0	2	3	-	0	5.26	-	
Lincoln	Bridlington ...	9 9	157	12.1	3.3	7.7	-	17.8	16	-1.1	20	-	-	.81	-	.32	29	9	7	1	0	0	2	0	2	3	25	7	5.01	-	
	Spurn Head ...	21-9	29	11.9	5.2	8.5	+2.8	19.7	16	1.3	19	-	-	.56	-	.20	29	7	5	1	0	0	2	0	3	0	-	2	3.99	106	
	Gainsborough ...	9 9	110	13.1	3.6	8.3	-	20.0	15,16	-1.1	20	-	-	.42	-	.27	30	4	3	0	0	0	0	0	4	4	-	0	-	-	
	Waddington ...	21-9	224	12.8	3.9	8.3	-	19.9	16	-1.6	20	-	-	.23	-	.12	31	4	2	2	0	0	1	0	3	1	11	0	4.60	-	
	Lincoln	9 9	22	13.4	2.8	8.1	-	20.0	15,16	-5.0	20	6.4	6.5	.27	-	.10	30	5	3	1	0	0	0	0	2	8	24	0	4.66	-	
	Cranwell ...	9 9	205	13.0	3.4	8.2	+2.6	20.1	16	-0.9	20	7.2	8.0	.22	15	.07	30	6	3	1	0	0	1	0	3	1	13	0	5.26	141	
	Cleethorpes ...	9 9	23	13.3	4.3	8.8	+2.9	22.2	16	0.0	20	-	-	.52	35	.19	30	5	5	0	0	0	0	0	4	1	-	0	-	-	
Suffolk	Manby ...	21-9	55	13.0	3.2	8.1	-	19.5	16	-1.6	20	-	-	.37	-	.08	18	9	4	3	0	0	2	0	2	13	0	4.98	-		
	Skegness ...	9 9	15	12.8	3.3	8.1	+2.5	20.0	15	-1.7	20	-	-	.40	31	.10	18,29	7	5	1	0	1	0	0	1	4	14	0	5.02	145	
	3 ENGLAND, E.																														
	Norfolk	Terrington																													
	St. Clement ...	9 9	13	13.2	3.0	8.1	-	20.6	16	-1.1	20	6.8	-	.38	32	.10	30	7	5	1	0	0	0	0	2	5	20	0	4.95	-	
	Marham ...	21-9	76	13.2	2.6	7.9	-	20.6	16	-1.7	3,22	-	-	.28	-	.12	30	6	2	2	0	0	1	0	2	8	20	0	-	-	
	Santon Downham ...	9 9	80	13.7	-0.1	6.8	-	22.2	16	-6.1	1	6.2	6.7	.54	-	.21	30	8	6	-	-	-	-	0	17	25	-	-	-	-	
West Raynham ...	21-9	250	12.5	3.0	7.7	-	19.5	16	-1.8	20	-	-	.62	-	.22	29	9	6	3	0	1	0	0	2	5	16	0	5.72	-		
Suffolk	Cromer ...	9 9	178	12.8	3.9	8.3	+2.2	20.6	15	0.6	20	-	-	.43	30	.15	29	7	4	-	-	-	-	0	0	7	-	5.94	138		
	Sprowston ...	9 9	93	12.9	3.2	8.1	+2.4	20.6	15,16	-1.1	9,20	7.0	-	.43	28	.12	30	8	4	2	0	0	1	0	0	4	16	1	5.15	122	
	Burlingham ...	9 9	89	13.1	3.3	8.2	-	21.7	16	-0.5	20	-	-	.55	38	.12	2,30	7	5	3	0	0	1	0	2	2	16	0	5.29	-	
	Gorleston ...	21-9	5	11.3	4.5	7.9	+2.2	20.0	15	-0.2	20	7.3	7.6	.48	35	.19	30	6	4	2	0	0	0	0	2	1	9	0	5.16	123	
	Mildenhall ...	21-9	15	13.7	3.6	8.7	-	22.0	16	-2.0	20	-	-	.29	23	.14	30	6	3	2	0	0	1	0	1	2	17	0	5.28	-	
	East Bergholt ...	9 9	14	13.9	2.0	7.9	-	21.1	16	-3.9	20	-	-	.37	-	.12	30	7	5	0	0	2	0	3	8	25	0	-	-	-	
	Wattisham ...	21-9	292	12.4	2.5	7.5	-	19.4	15	-3.9	20	-	-	.27	-	.10	29	5	2	1	0	0	2	0	2	5	14	0	-	-	
Cambridge	Felixstowe ...	21-9	10	11.7	5.0	8.3	+2.5	16.1	14,17	0.4	20	-	-	.35	28	.09	30	8	4	1	0	0	3	0	3	0	5	0	5.58	125	
	Lowestoft ...	9 9	82	12.6	3.6	8.1	+2.5	20.6	15	-1.1	20	7.0	7.3	.64	48	.18	18	8	5	2	0	1	0	0	2	3	12	0	5.14	117	
	Boxworth ...	9 9	157	13.6	3.2	8.4	-	21.1	15	-2.2	20	-	-	.21	16	.12	31	4	2	2	0	0	0	0	1	3	24	0	5.41	-	
	Cambridge Bot. Gdn. ...	9 9	4	14.0	2.4	8.2	+2.1	21.7	15,16	-2.8	20	7.1	7.6	.25	19	.09	31	7	3	2	0	0	0	0	0	9	25	-	-	-	
	Cambridge N.I.A.B. ...	9 9	85	13.7	3.3	8.5	-	21.7	16	-1.1	20	-	-	.20	15	.10	31	5	2	2	0	0	1</								

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER MARCH 1961

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	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. 1° C. or less	Gale	Daily Mean	Percentage of Average	
					A	B			Maximum	Date	Minimum	Date					Amount	Date	0.01 in. (0.25mm.) or more	0.01 in. (0.25mm.) or more												
					°C.	°C.			°C.	°C.	°C.	°C.					in.	%	in.													
4 MIDLAND COUNTIES—cont.																																
Yorks.,	Ilkley ...	9 9	315	12.4	4.4	8.4	+3.2	17.2	9	-1.1	20	-	-	.64	27	.24	29	6	6	4	0	0	0	0	1	2	-	2	3.80	121		
W. Riding—	Sheffield ...	9 9	429	13.1	5.4	9.3	+3.5	20.6	16	0.6	19	6.7	6.7	.56	28	.21	29	8	4	1	0	0	0	0	0	0	0	0	4.60	157		
cont.	Wakefield ...	9 9	121	13.4	3.8	8.6	+2.7	20.0	16	-1.1	5, 20	6.6	6.8	.36	21	.15	30	7	3	2	0	0	1	0	4	4	16	0	-	-		
	Killinghall ...	9 9	385	11.9	4.0	7.9	-	17.8	16	-0.5	19, 20	6.3	-	.54	-	.32	30	6	4	-	0	0	-	0	0	2	18	-	4.36	-		
	Pontefract ...	9 9	255	12.3	4.4	8.3	+2.8	19.4	16	0.6	5, 19, 20	-	-	.37	27	.22	30	6	3	1	0	0	0	0	3	0	6	0	-	-		
	Bramham ...	9 9	177	12.0	3.8	7.9	-	18.3	16	-1.1	19	-	-	.35	-	.26	30	5	2	1	0	0	0	0	5	4	16	0	4.56	-		
	Cawood ...	9 9	20	13.1	3.1	8.1	-	19.4	16	-1.1	20	6.4	6.6	.28	19	.24	30	2	2	0	0	0	0	0	5	6	15	0	4.24	-		
	Askham Bryan ...	9 9	110	12.6	3.4	8.0	-	17.8	16	-1.1	5	-	-	.34	23	.24	20	5	2	1	0	0	0	0	5	5	12	2	3.78	-		
Derby	Buxton ...	9 9	1007	10.5	3.8	7.1	+3.1	17.8	16	-1.7	20	5.7	5.7	2.30	80	1.22	29	11	11	1	0	0	0	0	1	4	12	0	-	-		
	Chapel en le Frith ...	9 9	728	11.3	3.5	7.4	-	19.4	16	-2.8	20	-	-	2.33	-	1.14	29	16	11	1	0	0	0	0	2	7	18	0	-	-		
	Wirksworth ...	9 9	565	12.5	3.7	8.1	-	20.0	16	-1.1	20	-	-	0.76	-	.32	29	11	4	2	0	0	0	0	2	2	20	0	-	-		
	Mackworth ...	9 9	293	12.8	3.0	7.9	-	19.4	16	-2.2	20	-	-	.30	-	.10	29	8	3	0	0	0	0	0	4	7	19	0	-	-		
	Belper ...	9 9	203	13.7	2.8	8.2	+2.6	20.6	16	-1.7	20	-	-	.34	19	.16	31	5	2	0	0	0	0	0	7	-	0	-	-	-		
	Derby ...	9 9	159	13.4	3.6	8.5	-	20.6	15, 16	-1.7	5	-	-	.37	-	.14	29	13	2	0	0	0	0	0	2	4	7	0	4.23	-		
	Morley ...	9 9	350	12.6	3.2	7.9	-	19.4	16	-2.2	20	-	-	.29	-	.18	30	6	1	0	0	0	0	0	5	20	0	4.47	-8			
	Chesterfield ...	9 9	298	12.9	3.9	8.4	-	20.0	16	-1.7	20	-	-	.42	-	.27	29	3	3	0	0	0	0	0	4	2	-	0	-	-		
Nottingham	Sutton Bonington ...	9 9	157	13.1	3.3	8.2	+2.5	20.0	16	-1.7	5	6.6	7.1	.27	19	.13	30	6	2	0	0	0	0	0	2	6	22	0	4.47	129		
	Wattall ...	21-9	385	12.9	3.8	8.3	-	20.1	16	-1.1	20	-	-	.23	13	.08	30	5	3	1	0	0	0	0	5	3	19	0	4.44	-		
	Mansfield ...	9 9	362	12.4	4.5	8.5	+2.9	19.4	16	0.0	20	-	-	.36	20	.12	29, 30	5	4	0	0	0	0	0	4	1	11	0	-	-		
	Nottingham *§	9 9	192	13.3	4.2	8.8	+2.7	20.6	16	-1.1	20	6.7	6.3	0.39	27	.18	30	5	4	1	0	0	0	0	4	3	10	0	4.43	142		
	Warsop (Gleadthorpe)	9 9	150	13.1	2.5	7.8	-	20.0	15, 16	-2.2	20	-	-	.34	23	.14	30	6	3	1	0	0	0	0	6	10	24	0	4.68	-		
	Finningley ...	21-9	34	13.4	4.2	8.8	-	20.7	15	-0.8	5	-	-	.34	-	.15	30	4	3	0	0	0	0	0	5	2	11	0	4.14	-8		
	Langar ...	21-9	106	13.4	3.1	8.3	-	20.4	16	-3.4	20	-	-	.24	-	.11	30	4	3	2	0	0	0	0	2	5	19	0	-	-		
Leicester	Newtown Linford	9 9	388	12.8	2.3	7.5	-	19.4	16	-2.2	20	-	-	.21	-	.08	29, 30	4	2	2	0	0	0	0	0	2	7	19	0	-	-	
	Leicester (Towers)	9 9	267																													
	Caldecott ...	9 9	175	13.6	1.6	7.6	-	21.1	16	-3.9	20	-	-	.24	-	.08	29	4	4	-	0	-	-	-	4	11	23	-	5.25	-		
Northampton	Wellingborough ...	9 9	298	13.7	3.3	8.5	-	21.1	16	-1.1	20	-	-	.24	-	.09	31	5	3	1	0	0	0	0	0	2	3	19	0	-	-	
	Raunds ...	9 9	193	13.8	2.6	8.2	-	21.1	16	-2.2	20	7.2	7.2	.17	12	.09	30	5	2	2	0	0	0	0	0	2	8	15	0	-	-	
	Wittering ...	21-9	212	13.3	3.4	8.3	-	20.7	16	-2.0	20	-	-	.34	-	.20	30	3	2	3	0	0	0	0	0	2	5	17	0	5.62	-	
Warwick	Birmingham K.E.S.	9 9	450	12.7	4.4	8.5	-	20.6	16	-0.5	20	-	-	.13	-	.04	18, 29	4	2	0	0	0	0	0	0	0	1	-	0	-	-	
	Birmingham *§	21-9	536	12.5	4.9	8.7	+2.8	19.8	16	0.4	20	7.3	7.9	.23	12	.11	29	6	2	0	0	0	0	0	0	0	12	0	5.23	164		
	Luddington ...	9 9	138	13.6	2.3	7.9	-	21.1	16	-2.8	20	-	-	.14	10	.06	29	6	2	0	0	0	0	0	0	0	0	12	0	5.30	-	
	Stratford on Avon	9 9	160	13.8	1.8	7.8	-	21.1	16	-3.3	20	7.4	-	.14	-	.06	29	6	1	1	0	0	0	0	0	2	13	26	0	5.30	-	
	Birmingham Airport*	21-9	319	13.0	2.9	7.9	-	19.7	16	-2.3	25	-	-	.20	12	.10	29	4	2	1	0	0	1	0	4	5	19	0	5.18	-		
	Shipston on Stour	9 9	365	13.0	3.2	8.1	-	20.6	16	-1.1	20	6.8	-	.18	-	.08	29	5	2	0	0	0	1	0	1	0	1	2	26	-	5.70	-
	Wellesbourne ...	9 9	153	13.4	2.3	7.9	-	20.6	16	-3.3	20	7.1	7.5	.08	5	.05	29	4	1	1	0	1	0	1	3	11	20	0	5.34	-		
	Moreton Morrell...	9 9	280	13.1	2.9	8.0	-	20.6	16	-2.8	20	-	-	.11	-	.06	29	4	1	1	0	0	0	0	1	8	22	0	5.30	-		
	Coventry...	9 9	338	12.8	3.1	7.9	+1.8	20.0	16	-1.7	20	6.8	7.1	.28	17	.09	29	8	2	0	0	0	0	0	1	6	-	0	4.99	154		
	Rugby ...	9 9	385	12.7	3.2	7.9	-	19.4	16	-1.7	20	6.3	7.2	.18	-	.07	29	4	3	2	0	0	0	0	0	5	15	0	-	-		
Oxford	Oxford *§	9 9	208	13.6	3.7	8.7	+2.3	20.6	15, 16	-1.7	20	7.4	7.8	.17	10	.07	18	6	2	2	0	1	0	0	0	2	4	16	0	5.59	141	
Buckingham	Aylesbury ...	9 9	316	12.9	2.6	7.7	-	20.6	15, 16	-2.8	20	-	-	.17	-	.05	30	6	1	1	0	0	0	0	2	8	22	0	5.58	-		
Stafford	Keele ...	9 9	587	11.6	3.7	7.7	-	17.8	16	-2.2	20	6.4	6.4	.77	41	.15	29, 30	10	6	1	0	0	0	1	0	3	2	16	0	4.22	-	
	Oaken ...	9 9	409	12.8	2.9	7.9	+1.5	20.0	16	-2.2	20	6.8	-	.20	-	.07	18, 30	5	2	-	-	-	-	-	9	21	-	0	-	-		
	Wheaton Aston ...	9 9	365	12.6	3.0	7.8	-	19.4	16	-1.1	5, 6, 20	7.0	-	.35	-	.12	30	6	3	0	0	0	0	0	5	5	7	0	4.32	-		
	Stone ...	9 9	350	12.4	3.0	7.7	-	18.3	15, 16	-2.8	20	-	-	.73	-	.28	18	8	4	0	0	0	0	0	4	8	20	0	4.67	-		
	Penkridge ...	9 9	330	12.9	2.9	7.9	-	18.9	15, 16	-2.8	20	-	-	.14	-	.10	31	3	1	0	0	0	0	0	3	10	19	0	-	-		
	Onecote ...	9																														

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER MARCH 1961

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-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 Max.	B Min.			Maximum	Date	Minimum	Date	Amount	Date																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
															°C.	°C.													°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.	°C.	°C.	in.	%	hr	%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
5 ENGLAND, S.E.—cont.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER MARCH 1961

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				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.	Total Fall	Percentage of Average	Most in a day		Snow or Sleet								Snow lying at 9h.	Hail	Ice or snow pellets etc.			
															Max. Min.	ft.												°C.	°C.	°C.
		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.												hr	%			
7a ENGLAND, N.W.																														
Cumberland	Sellafield...	9 9	43	10.1	3.9	7.0	-	12.8	5,6,17	-0.5	26	-	-	1.07	40	.40	29	8	5	-	0	-	-	-	3	4	14	-	-	
	Carlisle ...	21-9	86	10.5	5.1	7.8	-	13.3	29	-1.3	19	-	-	1.35	-	.57	29	13	8	1	0	0	0	3	2	8	0	2.86		
	Newton Rigg ¶§	9 9	560	10.8	4.4	7.6	+2.8	16.1	16	-1.1	19	6.3	-	.83	38	.35	29	12	5	-	0	-	-	1	2	11	-	3.86	112	
Westmorland	Spadeadam ...	9 9	900	8.6	2.9	5.7	-	11.7	9	-5.6	19	5.2	5.4	2.41	-	.87	29	22	11	2	0	0	1	0	4	7	11	1	2.26	
	Ambleside ...	9 9	151	10.9	4.4	7.7	-	16.1	16	-1.1	6,20	-	-	2.55	54	.68	28	13	10	0	0	0	0	2	5	-	0	1.96		
	Great Dun Fell ...	-	2780	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.66		
Lancashire	Moor House ...	9 9	1840	7.1	1.6	4.3	-	11.7	5,16	-4.4	19	3.9	-	4.95	-	1.90	29	20	12	3	0	0	2	0	9	10	17	4	2.23	
	Barrow-in-Furness	9 9	55	10.3	5.3	7.8	-	15.0	16	1.7	19	7.6	-	1.40	-	.30	29	9	8	0	0	0	0	5	0	-	0	-		
	Squires Gate ...	21-9	33	11.1	5.0	8.1	-	17.4	16	0.1	3	-	-	.78	41	.28	29	7	4	1	0	0	0	5	0	10	0	3.69		
	Urswick ...	9 9	130	10.9	4.4	7.7	-	15.0	16	-1.1	19	-	-	1.38	-	.50	29	10	7	0	0	0	0	6	3	-	4	-		
	Poulton-le-Fylde	9 9	38	11.1	5.1	8.1	-	17.8	16	0.6	16	-	-	1.09	-	.31	29	15	5	0	0	0	0	4	0	-	0	-		
	Grizedale ...	9 9	300	10.6	3.4	7.0	-	15.6	16	-2.2	20	-	-	2.79	-	.85	29	13	9	1	0	0	0	0	4	9	16	0	-	
	Speke ...	21-9	80	12.6	5.5	9.1	-	20.4	16	0.8	5	-	-	.73	41	.25	29	11	5	0	0	1	0	2	0	11	0	4.21		
	Kirkham...	9 9	77	11.7	4.6	8.1	-	18.9	16	0.6	4,9,20	-	-	.85	41	.38	29	7	5	1	0	0	0	6	0	13	0	3.67		
	Garstang...	9 9	68	11.1	4.4	7.7	-	16.7	16	-1.1	20	-	-	1.13	-	.44	29	9	4	-	0	-	-	1	4	12	-	3.21		
	Morecambe ...	9 9	24	10.1	4.8	7.5	+1.7	14.4	9	1.7	13	-	-	1.09	51	.38	29	8	5	0	0	0	0	1	0	-	0	2.70	70	
	Preston (Moor Pk.)	9 9	108	11.6	4.8	8.2	-	18.3	16	-0.5	20	-	-	1.31	60	.45	29	15	8	1	0	0	0	7	1	15	0	-		
	Bolton ...	9 9	352	11.8	3.4	7.6	+2.0	19.4	16	-1.7	3	6.3	6.3	1.94	-	.77	29	15	8	0	0	0	0	9	5	17	0	3.74		
	Darwen ...	9 9	724	10.3	3.6	6.9	+2.0	16.7	16	-0.5	20	6.0	5.8	3.17	97	.85	29	16	12	0	0	0	0	1	1	4	0	-		
	Stonyhurst ¶§	9 9	377	11.2	4.4	7.8	+2.5	17.8	16	0.0	19,20	-	-	2.22	85	.72	29	14	9	-	0	-	-	-	4	2	5	-	3.41	103
	Cheshire	Manchester	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Weather Centre		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Helmshore ...		9 9	854	9.9	3.8	6.9	-	16.7	16	-0.5	19	6.3	-	2.28	-	.81	29	14	10	-	0	-	-	-	2	3	9	-	3.85	
Manchester		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
(Smokeless Zone)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Burnley ...		9 9	655	10.2	4.1	7.1	-	17.2	16	-2.2	19,20	6.3	6.5	1.88	-	.62	29	14	6	0	0	0	0	2	3	16	0	3.35		
Nelson ...		9 9	540	10.5	4.4	7.5	-	16.7	16	-1.1	19	6.2	6.2	1.79	74	.59	29	14	6	-	0	-	-	-	2	2	9	-	2.62	
Rochdale ...		9 9	362	11.3	2.4	6.9	-	18.3	16	-3.3	19,20	-	-	1.65	-	.64	29	13	7	0	0	0	0	5	10	13	0	3.09		
West Kirby Park		9 9	17	12.4	5.5	8.9	-	19.4	16	0.6	15,20	-	-	.67	-	.23	31	8	3	-	0	-	-	0	-	5	-	4.52		
Bidston Obs'y. ¶§		9 9	198	11.5	5.9	8.7	+2.7	17.2	16	2.8	3,5,20	-	-	.54	33	.21	31	9	4	-	-	-	-	2	0	0	-	0	4.69	
7b NORTH WALES	Northwich (Winnington)	9 9	65	13.1	5.3	9.4	-	20.6	16	-0.5	19	-	-	.97	55	.40	29	11	6	0	0	0	1	0	1	1	10	0	-	
	Manchester Airport ¶§	21-9	248	12.1	5.2	8.7	+2.8	20.1	16	-0.7	20	-	-	1.26	71	.76	29	11	7	0	0	0	1	0	2	1	9	0	3.99	
	Macclesfield ...	9 9	500	11.6	4.5	8.1	+2.7	20.0	16	-1.7	19	-	-	1.56	76	.88	29	12	9	3	0	1	0	0	3	3	-	0	-	
	Flint	Rhyl ...	9 9	31	12.2	5.8	9.0	+2.4	17.2	5	0.6	20	-	-	.68	41	.21	31	12	5	0	0	0	0	0	0	3	2	4.31	
	Prestatyn ...	9 9	12	12.1	5.7	8.9	-	16.7	5	0.0	5	-	-	.60	34	.20	31	7	3	-	0	-	-	-	0	1	-	-	-	
Anglesey	Hawarden Bridge	9 9	17	13.3	4.9	9.1	+2.9	20.6	16	-0.5	5	-	-	.48	28	.14	29,31	6	4	0	0	0	1	0	3	1	-	0	-	
	Holyhead (Valley)	21-9	28	10.6	6.3	8.5	+1.7	15.6	16	1.7	20	-	-	.55	26	.24	31	7	5	0	0	1	0	0	1	7	5	0	3.33	
	Denbigh	Colwyn Bay ...	9 9	118	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Caernarvon	Alwen ...	9 9	1100	9.6	1.4	5.5	-	18.3	16	-5.0	20,22	-	-	1.20	-	.37	29	13	7	-	-	-	-	-	12	17	-	-	-	
	Ruthin ...	9 9	248	12.6	4.3	8.5	-	20.0	16	-2.8	20	-	-	1.02	-	.55	29	9	6	-	0	-	-	-	0	4	-	-	-	
	Bwlchgwn ...	9 9	1267	9.7	3.4	6.5	-	18.3	16	-1.7	20,28	5.7	-	1.02	-	.17	17	14	9	1	0	0	0	0	1	4	10	0	-	
	Ruabon ...	9 9	312	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Wrexham ...	9 9	275	12.8	4.4	8.6	-	19.4	16	0.0	5	6.8	6.8	.61	-	.17	31	8	6	2	0	0	0	0	3	1	19	0	-	
	Bardsey Island ...	21-9	60	10.2	7.0	8.6	-	14.1	16	4.5	19	-	-	.45	-	.13	28	7	5	-	-	-	-	-	5	0	2	-	-	
	Botwnnog ...	9 9	112	11.2	5.6	8.4	-	17.2	16	0.6	20	8.3	8.2	.79	-	.20	31	11	5	0	0	0	0	2	0	3	0	3.64		
	Bryn Adda ...	9 9	275	11.6	5.7	8.7	-	18.3	16	0.0	20	-	-	1.05	-	.26	28,31	8	6	1	0	0	3	0	0	1	15	0	3.56	
	Cwm Dylis ...	9 9	324	10.6	5.1	7.9	-	18.3	16	0.5	20	7.2	-	5.73	-	1.11	29	20	14	1	1	0	0	2	6	1	10	0	-	
	Aber ...	9 9	60	12.3	5.9	9.1	+2.1	16.1	9,14,16	1.7	20	-	-	1.02	40	.29	28	9	5	0	0	0	0	0	1	0	11	0	3.88	
Merioneth	Llandudno ¶§	9 9	13	11.6	6.1	8.9	+2.0	15.6	5,9	2.2	5	-	-	.77	41	.29	31	9	4	1	0	0	1	0	1	0	-	0	4.39	
	Llyn Stwlan ...	9 9	1656	7.0	3.1	5.1	-	15.0	16	-1.1	28	-	-	4.91	-	.91	29	19	17	-	0	-	-	-	3	9	-	-	-	
	Blaenau Ffestiniog	9 9	750	9.8	4.8	7.3	-	18.3	16	-0.5	20	-	-	3.39	-	.75	28	19	14	1	0	0	1	0	9	1	-	0	2.13	
Montgomery	Corwen ...	9 9	473	11.8	1.6	6.7	-	20.6	16	-3.9	20	-	-	.68	-	.20	29	11	5	1	0	0	0	-	13	20	0	-	-	
	Lake Vyrnwy ...	9 9	995	10.2	2.9	6.5	-	18.3	16	-2.8	20	5.9	-	1.26	32	.50	29	11												

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER MARCH 1961

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.	in.		%	in.	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.	0.1in. (0.2mm.) or more	0.1in. (1.0mm.) or more	°C.	°C.	in.	%	in.	0.1in. (0.2mm.) or more	0.1in. (1.0mm.) or more	°C.	°C.	in.	%	in.	0.1in. (0.2mm.) or more	0.1in. (1.0mm.) or more	°C.	°C.	in.	%	in.	0.1in. (0.2mm.) or more	0.1in. (1.0mm.) or more	°C.	°C.	in.	%	in.	0.1in. (0.2mm.) or more	0.1in. (1.0mm.) or more	°C.	°C.	in.	%	in.	0.1in. (0.2mm.) or more	0.1in. (1.0mm.) or more	°C.	°C.	in.	%	in.	0.1in. (0.2mm.) or more	0.1in. (1.0mm.) or more	°C.	°C.	in.	%	in.	0.1in. (0.2mm.) or more	0.1in. (1.0mm.) or more	°C.	°C.	in.	%	in.	0.1in. (0.2mm.) or more	0.1in. (1.0mm.) or more	°C.	°C.	in.	%	in.	0.1in. (0.2mm.) or more	0.1in. (1.0mm.) or more	°C.	°C.	in.	%	in.	0.1in. (0.2mm.) or more	0.1in. (1.0mm.) or more	°C.	°C.	in.	%	in.	0.1in. (0.2mm.) or more	0.1in. (1.0mm.) or more	°C.	°C.	in.	%	in.	0.1in. (0.2mm.) or more	0.1in. (1.0mm.) or more	°C.	°C.	in.	%	in.	0.1in. (0.2mm.) or more	0.1in. (1.0mm.) or more	°C.	°C.	in.	%	in.	0.1in. (0.2mm.) or more	0.1in. (1.0mm.) or more	°C.	°C.	in.	%	in.	0.1in. (0.2mm.) or more	0.1in. (1.0mm.) or more	°C.	°C.	in.	%	in.	0.1in. (0.2mm.) or more	0.1in. (1.0mm.) or more	°C.	°C.	in.	%	in.	0.1in. (0.2mm.) or more	0.1in. (1.0mm.) or more	°C.	°C.	in.	%	in.	0.1in. (0.2mm.) or more	0.1in. (1.0mm.) or more	°C.	°C.	in.	%	in.	0.1in. (0.2mm.) or more	0.1in. (1.0mm.) or more	°C.	°C.	in.	%	in.	0.1in. (0.2mm.) or more	0.1in. (1.0mm.) or more	°C.	°C.	in.	%	in.	0.1in. (0.2mm.) or more	0.1in. (1.0mm.) or more	°C.	°C.	in.	%	in.	0.1in. (0.2mm.) or more	0.1in. (1.0mm.) or more	°C.	°C.	in.	%	in.	0.1in. (0.2mm.) or more	0.1in. (1.0mm.) or more	°C.	°C.	in.	%	in.	0.1in. (0.2mm.) or more	0.1in. (1.0mm.) or more	°C.	°C.	in.	%	in.	0.1in. (0.2mm.) or more	0.1in. (1.0mm.) or more	°C.	°C.	in.	%	in.	0.1in. (0.2mm.) or more	0.1in. (1.0mm.) or more	°C.	°C.	in.	%	in.	0.1in. (0.2mm.) or more	0.1in. (1.0mm.) or more	°C.	°C.	in.	%	in.	0.1in. (0.2mm.) or more	0.1in. (1.0mm.) or more	°C.	°C.	in.	%	in.	0.1in. (0.2mm.) or more	0.1in. (1.0mm.) or more	°C.	°C.	in.	%	in.	0.1in. (0.2mm.) or more	0.1in. (1.0mm.) or more	°C.	°C.	in.	%	in.	0.1in. (0.2mm.) or more	0.1in. (1.0mm.) or more	°C.	°C.	in.	%	in.	0.1in. (0.2mm.) or more	0.1in. (1.0mm.) or more	°C.	°C.	in.	%	in.	0.1in. (0.2mm.) or more	0.1in. (1.0mm.) or more	°C.	°C.	in.	%	in.	0.1in. (0.2mm.) or more	0.1in. (1.0mm.) or more	°C.	°C.	in.	%	in.	0.1in. (0.2mm.) or more	0.1in. (1.0mm.) or more	°C.	°C.	in.	%	in.	0.1in. (0.2mm.) or more	0.1in. (1.0mm.) or more	°C.	°C.	in.	%	in.	0.1in. (0.2mm.) or more	0.1in. (1.0mm.) or more	°C.	°C.	in.	%	in.	0.1in. (0.2mm.) or more	0.1in. (1.0mm.) or more	°C.	°C.	in.	%	in.	0.1in. (0.2mm.) or more	0.1in. (1.0mm.) or more	°C.	°C.	in.	%	in.	0.1in. (0.2mm.) or more	0.1in. (1.0mm.) or more	°C.	°C.	in.	%	in.	0.1in. (0.2mm.) or more	0.1in. (1.0mm.) or more	°C.	°C.	in.	%	in.	0.1in. (0.2mm.) or more	0.1in. (1.0mm.) or more	°C.	°C.	in.	%	in.	0.1in. (0.2mm.) or more	0.1in. (1.0mm.) or more	°C.	°C.	in.	%	in.	0.1in. 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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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TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS MARCH 1961

[illegible]

Monthly Weather Report

OF THE METEOROLOGICAL OFFICE

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

Volume 78 Number 4

Published by HER MAJESTY'S STATIONERY OFFICE



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April 1961 — *Mild, Wet and Mainly Dull*

A mainly cyclonic month. During the first week a belt of low pressure lay across the British Isles but apart from feeble anticyclonic periods on the 15th—18th and 27th—29th, the country was under the influence of depressions from the Atlantic for most of the remainder of the month.

The month began with a ridge of high pressure extending south-eastwards from Greenland to Scotland and a weak cold front lying east-west across the British Isles. The cold front moved slowly southwards during the first three days from central to southern England; easterly ahead of the front was dull with rain at times, but behind the front it was brighter and colder with scattered showers, which were of snow in Scotland. On the 4th, a depression west of Ireland deepened, and a warm, moist airstream from the Atlantic, accompanied by widespread rain, spread north-east across the country reaching the Scottish Highlands the following day. The frontal rain, which was heavy locally, was preceded by snow in parts of the Midlands and the North on the 4th, and occasional rain continued for another two days as the front became slow-moving, and finally retrograde, before giving place to an anticyclone from the Atlantic. There were, however, fair periods especially in the south of England, and in the north of Scotland weather was generally fine and dry with over 10 hours of sunshine in the Hebrides on both the 5th and 6th.

The anticyclone was centred over the British Isles on the 7th and apart from some rain in south-east England, associated with a frontal wave over the English Channel, weather became dry almost everywhere; it was dull in the east but continued sunny in the north-west with as much as 12 hours sunshine in some places.

Frontal rain, associated with a deep depression in mid-Atlantic, reached south-west England during the afternoon of the 8th and spread slowly across the country reaching the east coast the following morning. Weather remained generally dull and mild with occasional rain during the next two days, as the Atlantic depression moved slowly eastwards, and associated troughs of low pressure crossed the British Isles.

On the 13th and 14th a trough of low pressure extended southwards over the country from a complex low pressure area between Iceland and Greenland. Weather was showery with occasional thunder but there were long sunny periods. Four days of sunny and mainly dry weather followed as a belt of relatively high pressure became established over the British Isles and the North Sea; Guernsey recorded almost 45 hours of sunshine during this spell and afternoon temperatures reached 19°C in many parts of East Anglia and the North Midlands. Fog patches on the night of the 15th/16th reduced visibility to 50 yards locally but cleared quickly after sunrise.

Weather was unsettled and changeable in all districts from 19th to 22nd. Rain was widespread on the 22nd as a shallow depression moved northward over the Irish Sea; more than 1 in. was recorded at a number of places in Wales.

On the 25th, which was the wettest and most disturbed day of the month, a complex depression deepened rapidly in the South-West Approaches before moving north-east across the country. There were gales in all areas and rain was widespread and locally heavy with falls of more than 1 in. in many places in southern England. The depression moved to the southern North Sea late the following day and, as it continued to move eastward towards the continent, easterly winds on its northern flank brought low cloud and fog on the 27th and 28th to north-eastern coasts. Elsewhere, however, there were sunny periods with some slight occasional rain. Further rain from the Atlantic reached most districts on the last day of the month.

Pressure and Wind — Mean pressure was everywhere below the average, the deficit at 9h ranging from 1.8 mb at Lerwick to 7.3 mb at Scilly. Surface winds were predominantly south-westerly on the 4th—5th, 10th—13th and 18th—24th, otherwise they were generally light and mainly variable in direction. In Scotland, wind reached gale force on five days and in England and Wales on the 2nd, 4th, 10th, 11th, 13th, 14th, 18th, 20th, 21st, 23rd—27th and 29th (15 days). Gales were widespread on the 24th and 25th; a gust of 57 kt was recorded at Port Talbot on the 25th.

Temperature — Mean temperatures exceeded the 1921-50 average everywhere, the excess being 1.6°C in England and Wales, and 0.9°C in Scotland and Northern Ireland. Temperature was below average in Scotland and northern England during the first ten days, otherwise it was a mild month in most districts. The first four days were among the coldest of the month when afternoon temperatures in Scotland failed to exceed 2°C at many places.

Extremes included: (England and Wales) 20°C at several places in east, south-east and central England on the 6th and 11th, -7.8°C at Moor House on the 8th; (Scotland) 18.3°C at Castle Douglas on the 18th, -11.2°C at Glenlivet on the 4th; (Northern Ireland) 17.2°C at Armagh on the 29th, -4.4°C at Loughgall on the 3rd.

Precipitation — The general rainfall expressed as a percentage of the 1916-50 average was 160 in England and Wales, 115 in Scotland and 209 in Northern Ireland where the total for the month at many stations exceeded that for any previous April on record, including Armagh with 120 years of records. Less than half the average occurred in the Spey Valley and mid-Sutherland, while values exceeded 250 per cent of the average over the Brecon Beacons, the Black mountains, the Rhondda Valley, to the north of Lough Neagh, over eastern Armagh and over the greater part of Co. Down; parts of Co. Down had as much as 275 per cent of the average. At Ross-on-Wye it was the wettest April since 1889.

Snow or sleet occurred at one place or another on 14 days in Scotland but was most widespread during the first few days of the month, ground being snow covered in places from 1st to 6th. It was widespread on the 4th in North Wales and in northern and central England and also occurred locally in these districts during the first three days of the month.

Thunder was reported at one place or another on nine days in Scotland and on the 10th—14th, 18th, 19th, 21st, 23rd—27th and 29th (14 days) in England and Wales where it was widespread on the 13th and 24th.

Sunshine — The general sunshine expressed as a percentage of the 1921-50 average was 66 in England and Wales, where it was the duller April since 1937, 82 in Scotland and 70 in Northern Ireland. Sunshine exceeded the average only in north-west Scotland and in districts adjacent to the inner Moray Firth. Elsewhere in the British Isles amounts were below average and as much as 50 per cent below average in the Midlands. At Ross-on-Wye it was the duller April since 1920.

Fog — In England and Wales early morning fog was reported at one place or another on the 1st—12th, 15th—18th and 25th—30th (22 days); it was widespread around the 18th and 28th. In Scotland morning fog occurred on 23 days.

Miscellaneous Phenomena — The aurora was visible in Scotland on 11 nights; it was seen as far south as Ronaldsway on the nights of the 14th/15th and 15th/16th.

TABLE I—DISTRICT VALUES—

1961

(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. 17.8	°C. -9.4	+0.6	+0.5	+0.4	—	—	95	-1	98
Eastern										
1 SCOTLAND, E.	17.8	-11.2	+0.8	+1.2	+1.0	—	—	122	+3	77
2 ENGLAND, N.E.	18.9	-6.7	+0.6	+1.7	+1.2	+1.5	+0.9	140	+4	65
3 ENGLAND, E.	20.6	-3.9	+1.4	+2.1	+1.7	+1.6	+1.0	95	+3	77
4 MIDLAND COUNTIES	20.6	-1.7	+1.2	+2.3	+1.7	+2.2	+1.3	190	+5	56
5 ENGLAND, S.E.	20.6	-0.5	+1.0	+2.7	+1.8	+2.1	+1.6	144	+5	66
Western										
6 SCOTLAND, W.	18.3	-7.2	+0.8	+1.7	+1.3	+1.0	+0.8	147	+4	72
7 ENGLAND, N.W. (and N. Wales)	19.4	-7.8	+1.4	+2.0	+1.7	+1.5	+1.3	156	+6	69
8 ENGLAND, S.W. (and S. Wales)	18.3	-1.1	+1.2	+2.3	+1.7	+1.9	+1.1	203	+9	61
NORTHERN IRELAND	17.2	-4.4	+0.5	+1.3	+0.9	-	-	208	+3	70

TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND—

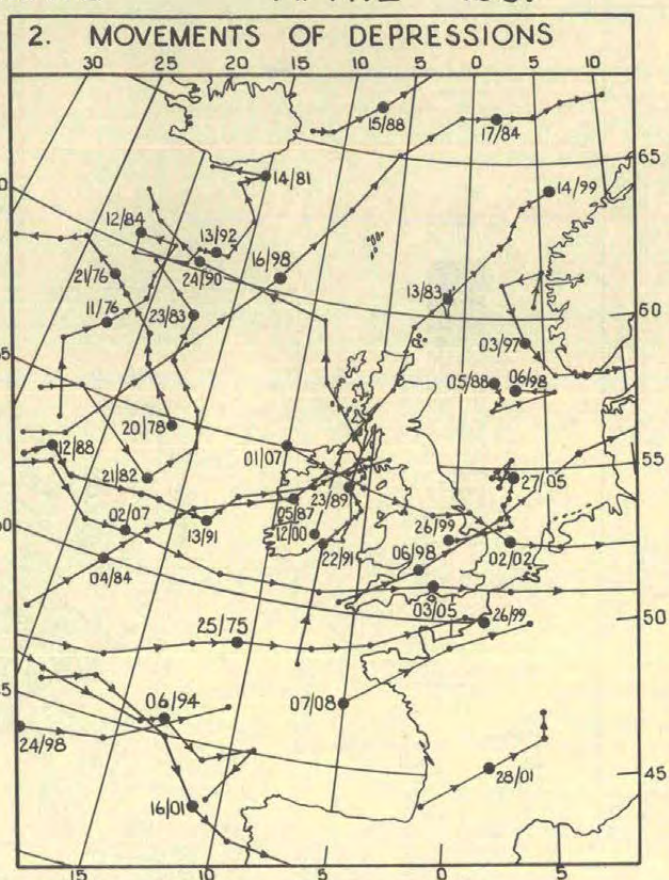
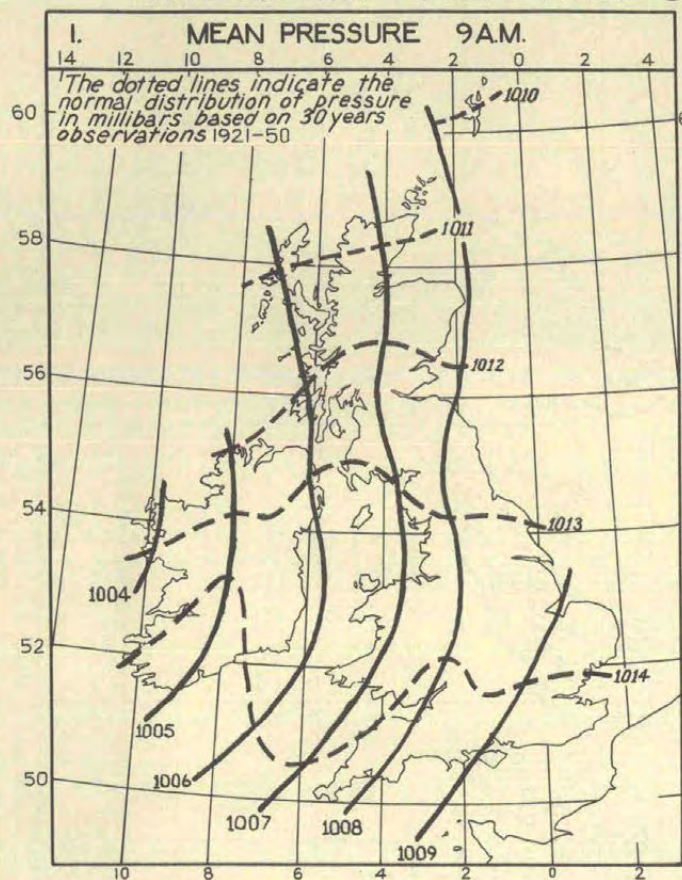
1961

(1914)

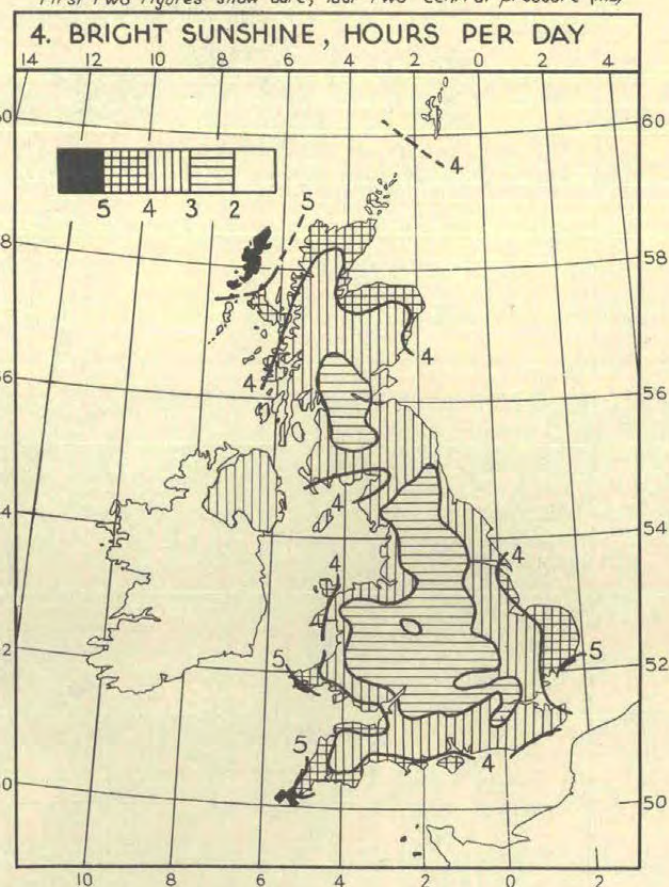
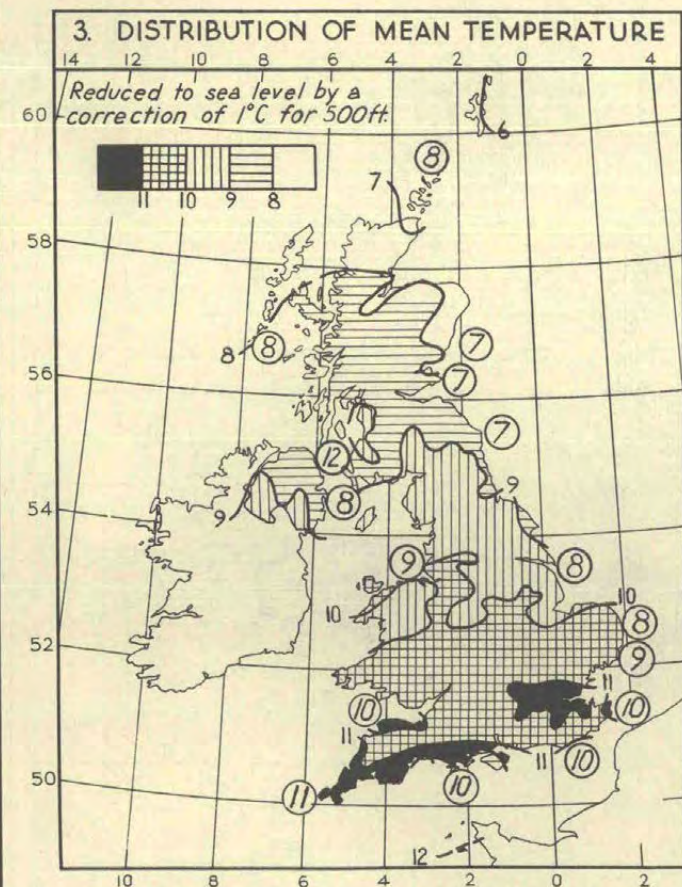
DISTRICT, COUNTY AND PLACE	Height of Vane			Distribution of Mean Hourly Values of Wind Speed										Highest Velocities				
	Above Mean Sea	Above Ground	Effective Height	34 knots or more		22 to 33 knots		11 to 21 knots		4 to 10 knots		Less than 4 knots	No Record	Highest Hourly Wind			Highest Gust	
	Level			Dates of Occurrence	Duration	No. of days	Duration	Duration	Duration	Duration	Duration	Duration	Mean Hourly Wind Speed	Veer from N.	Speed	Hour ended at	Speed	Day and Time
	ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	hr.	hr.	knots	°	knots	day hr.	knots	day h.m.
SCOTLAND																		
0 Zetland	Lerwick	310	53	37	-	0	10	77	453	174	16	0	14.1	030	30	3 06	45	3 0545
Orkney	Kirkwall (Grimsetter)	135	51	33	-	0	7	48	420	222	30	0	12.8	270	31	13 10	48	13 0920
Caithness	Dounreay	110	39	30	20.	1	69	365	264	21	0	0	12.8	130	36	20 02	50	20 0115
	Halkirk (Olgrinbeg)	272	40	40	-	0	1	1	253	385	79	2	9.2	130	26	20 03	37	20 0255
Ross & Cromarty	Stornoway (Coastguard)	120	40	36	-	0	7	19	296	217	188	0	9.3	190	29	16 19	39	16 1850
Inverness	Duirinish	125	65	55	-	0	1	3	215	354	146	2	8.1	230	24	16 16	33	16 1435
	Benbecula	69	51	35	-	0	7	55	331	259	75	0	11.5	140	30	20 14	46	20 1355
1 Moray	Lossiemouth	79	59	45	-	0	6	13	168	331	174	34	7.9	230	29	13 04	39	19 1510
Aberdeen	Dyce	225	40	40	-	0	0	0	100	287	333	0	5.1	290	21	3 09	30	3 1125
Angus	Bell Rock Lighthouse	128	131	124	19	1	15	97	415	166	41	0	14.1	150	34	19 12	42	19 1225
Perth	Rannoch	1006	56	57	-	0	1	1	232	353	134	0	8.0	-	22	19 22	35	19 2115
Fife	Leuchars	78	40	40	-	0	4	16	245	344	115	0	8.8	130	27	19 14	41	19 1310
Midlothian	Edinburgh	485	39	23	-	0	1	2	90	370	258	0	5.7	180	23	11 21	38	11 2045
6a Argyll	Tiree	89	60	47	9.19.20.	6	10	84	322	172	136	0	12.2	140	36	20 18	49	20 1715
Bute	Millport	50	34	34	-	0	6	23	194	243	237	23	7.8	(060	26	19 04)	(36	19 0320)
Renfrew	Paisley	188	81	31	-	0	0	0	25	423	272	0	4.6	260	13	1 02	26	12 2115
	Renfrew	71	41	39	-	0	0	0	205	377	138	0	7.6	200	19	12 23	32	12 2220
Ayr	Prestwick Airport	35	33	33	-	0	0	0	197	367	156	0	7.6	120	19	4 13	32	12 1955
Dumfries	Eskdalemuir	825	50	35	-	0	0	0	102	225	393	0	4.6	200	21	12 20	36	12 1905
ENGLAND AND WALES																		
6b Isle of Man	Point of Ayre	70	40	35	-	0	4	25	257	327	105	6	9.6	120	27	4 12	39	4 1135
2 Durham	Durham	389	53	33	*	0	2	14	171	410	125	0	7.8	130	25	19 18	33	19 1730
	South Shields	73	57	44	-	0	2	4	284	265	167	0	8.6	120	25	4 15	36	5 1355
Lincoln	Cranwell	288	47	47	-	0	0	0	143	306	250	21	6.1	210	21	5 17	36	5 1420
3 Norfolk	Gorleston	52	42	34	-	0	2	4	284	265	167	0	8.6	120	25	4 15	36	5 1355
Suffolk	Mildenhall	98	83	60	-	0	0	0	122	425	173	0	6.9	220	20	5 13	14	5 1350
	Felixstowe	85	75	65	-	0	1	1	318	307	94	0	9.4	120	22	4 12	33	4 1225
Bedford	Cardington	226	133	133	-	0	5	20	303	298	99	0	9.8	210	29	5 13	48	5 1200
Hertford	Rothamsted	461	41	33	-	0	0	0	36	530	154	0	5.8	220	14	5 13	33	5 1200
	Stanstead Abbots	138	41	40	±	0	0	0	0	0	0	0	0	0	0	0	0	0
Essex	Coryton	66	57	48	-	0	0	0	113	532	74	1	7.4	(140	21	25 12)	38	5 1450
	Shoeburyness	118	106	91	-	0	3	9	279	282	150	0	8.7	230	24	5 14	42	5 1400
4 Yorks., W.R.	Sheffield	533	83	35	-	0	0	0	43	333	344	0	4.2	230	15	5 15	43	5 1445
Warwick	Birmingham	643	118	73	-	0	0	0	85	550	85	0	6.7	220	20	5 15	37	5 1445
Stafford	Keele	706	50	40	-	0	0	0	120	377	223	0	6.4	230	20	5 15	42	12 2045
Gloucester	Avonmouth	92	61	33	-	0	6	15	155	254	247	49	7.2	200	27	20 24	43	25 1030
5 London	Kingsway	231	160	40	-	0	0	0	79	549	92	0	7.1	210	19	5 16	39	5 1450
Middlesex	London Airport	115	33	33	-	0	2	7	202	430	81	0	8.5	150	24	25 14	35	25 1030
	Hampton	139	101	100	-	0	0	0	113	454	153	0	6.6	220	21	5 15	37	5 1440
Surrey	Kew Observatory	92	75	50	-	0	1	2	155	454	109	0	7.6	180	22	5 15	42	5 1445
	Gatwick	232	38	33	-	0	1	3	140	334	243	0	6.1	230	25	5 15	42	5 1410
Kent	Isle of Grain	48	40	33	-	0	0	0	64	322	334	0	4.7	240	21	5 16	35	5 1620
	Dungeness	70	50	33	-	0	0	0	0	0	0	0	0	0	0	0	0	0
	Dover	68	38	62	-	0	0	0	183	407	130	0	7.5	170	20	21 04	37	5 1355
Sussex	Torney Island	75	65	42	-	0	0	0	73	301	346	0	4.9	180	16	21 02	32	5 1250
Hampshire	Southampton (Eastleigh)	95	60	41	β	0	1	2	221	429	68	0	8.4	120	23	25 13	31	25 1330
	Calshot	50	41	33	-	0	0	0	17	221	482	0	3.2	230	15	5 15	35	25 1220
	S. Farnborough	318	69	35	-	0	0	0	158	303	258	0	6.3	150	22	25 13	44	25 1155
Berkshire	Abingdon	295	40	40	-	0	1	1	145	429	146	0	7.1	120	20	25 11	38	25 1020
Wiltshire	Larkhill	491	51	36	-	0	0	0	138	314	268	0	6.1	220	21	5 15	39	25 1210
	Porton	406	44	44	-	0	0	0	310	327	61	0	10.4	120	27	19 13	39	4 1255
7a Cumberland	Sellafield	83	39	35	-	0	5	22	274	345	98	0	9.1	090	23	4 16	33	13 0230
	Spadeadam	959	51	40	-	0	1	3	160	242	287	0	7.2	210	28	13 01	44	13 0020
Westmorland	Moor House	1960	50	45	-	0	7	31	199	311	203	7	7.3	230	21	5 16	40	5 1600
Lancashire	Southport	59	41	33	-	0	0	0	317	311	66	0	10.6	230	31	5 14	47	25 1330
Lancashire	Speke	180	100	65	-	0	7	26	217	398	103	0	8.4	220	23	5 14	36	13 1305
Cheshire	Bidston Observatory	262	64	39	±	0	1	2	193	274	236	0	7.5	220	30	5 12	47	21 0125
	Manchester Airport	318	70	30	-	0	3	17	291	260	138	0	9.9	140	27	19 13	55	25 0955
7b Anglesey	Holyhead (Valley)	76	50	40	-	0	2	9	216	319	173	3	7.8	130	28	25 10	51	25 0820
8a Cardigan	Aberporth	483	41	41	-	0	1	9	246	330	134	0	8.9	120	34	25 10	57	25 0900
Pembroke	Milford Haven	246	50	35	-	0	1	1	132	496	91	0	7.4	140	22	25 10	33	25 1035
Glamorgan	Port Talbot	91	40	35	25.	0	4	9	306	291	70	0	11.4	-	38	25 10	56	25 0655
	Rhoose	257	37	32	-	0	1	1	279	305	111	0	10.0	300	35	26 08	54	25 0425
8b Devon	Plymouth	191	88	65	25.	2	4	23	365	247	38	0	12.7	120	41	25 05	54	25 0445
Cornwall	St. Mary's, Scilly	230	65	57	26.	7	9	63	217	311	66	0	10.6	230	31	5 14	47	25 1330
	The Lizard	315	75	60	25.26.	7	9	63	217	311	66	0	10.6	230	31	5 14	47	25 1330

MONTHLY WEATHER CHARTS

APRIL 1961



Positions of centres shown thus: ● at 12h.
First two figures show date, last two central pressure (mb)



Sea temperatures are shown by figures in circles, thus: ⑩

RAINFALL

APRIL 1961

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

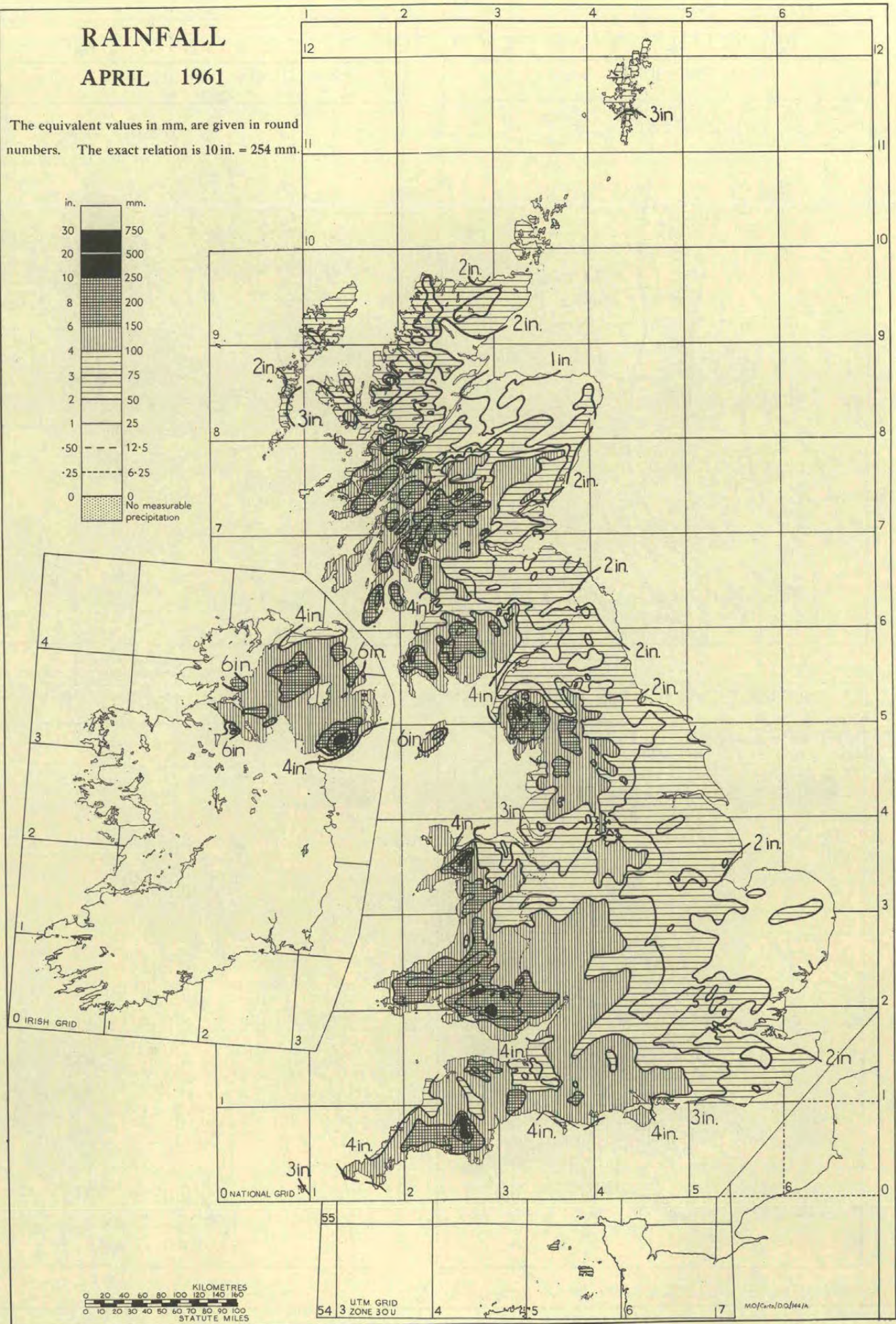
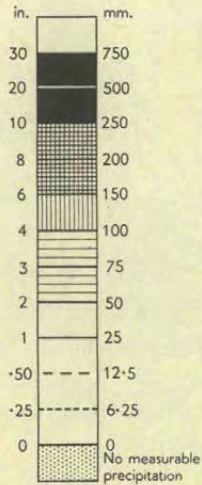


TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER APRIL 1961

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	-0.4in. (1.0mm.) or more													
																														°C.	°C.
1 SCOTLAND, E.—cont.																															
Midlothian	Penicuik ...	99	620	11.2	3.7	7.5	-	16.1	16	-5.6	4	7.9	-	2.40	-	1.04	5	16	12	2	0	0	0	0	5	3	9	0	3.20	-S	
cont.	Bush House ...	99	605	10.8	4.1	7.5	-	16.7	16	-5.0	4	7.6	6.6	2.36	-	.96	5	21	12	1	0	0	0	0	5	2	9	0	2.80	-S	
	Edinburgh—																														
	Blackford Hill¶§	99	441	11.2	5.3	8.3	+1.4	16.7	16	-2.2	3	-	-	2.19	135	1.06	5	17	9	1	0	0	0	0	2	2	5	0	3.10	67	
	Liberton ...	99	200	11.9	5.0	8.5	-	17.2	16	-3.3	4	-	-	2.30	-	1.05	5	14	9	2	0	1	0	0	0	2	3	8	0	3.23	-
	Botanic Garden	99	74	11.8	4.8	8.3	-	17.2	11,16,20	-3.3	3,4	8.2	-	2.15	-	.88	5	16	13	1	0	0	0	0	0	2	4	11	0	3.15	-
E. Lothian	Haddington ...	99	162	11.9	4.2	8.1	-	16.7	11,16	-3.9	4	-	-	2.11	-	.86	5	17	12	0	0	0	0	0	0	3	4	6	0	2.90	-
	North Berwick ...	99	51	11.8	5.3	8.5	+1.1	16.1	16,20	-2.2	3	-	-	1.75	121	.62	5	16	10	0	0	0	0	0	0	0	2	-	0	3.33	69
	Dunbar ...	99	75	11.3	5.6	8.5	-	17.8	16	-1.1	3	-	-	2.45	-	.83	5	18	12	0	0	0	0	0	0	0	2	4	0	3.98	-
Berwick	Marchmont ¶§	99	498	11.4	4.0	7.7	+1.1	16.7	16	-3.9	3	-	-	2.44	130	.59	5	22	14	2	0	0	0	0	0	4	4	-	0	3.40	778
	St. Abb's Head ...	99	245	8.9	6.0	7.5	-	15.5	11	0.0	3	-	-	2.55	-	.38	5	21	15	2	0	0	0	0	1	4	1	4	0	-	-
Peebles	Broughton ...	99	741	11.3	4.1	7.7	-	16.1	16	-6.7	4	-	-	2.69	-	.49	5	17	14	2	0	0	0	0	0	0	5	10	0	-	-
	Blyth Bridge ...	99	830	10.7	4.0	7.3	-	15.6	16	-5.6	4	-	-	2.47	-	.77	5	18	14	2	0	0	0	0	0	0	4	11	0	3.13	-
	West Linton ...	99	800	10.6	3.7	7.1	-	15.6	16	-5.6	4	7.6	6.7	2.33	-	.79	5	21	14	1	0	0	0	0	0	0	5	7	0	-	-
	Peebles ...	99	645	11.1	3.4	7.3	-	(16.1)	16	-5.6	4	-	-	1.92	-	.43	5	18	13	1	0	0	0	0	0	0	6	9	0	2.32	-
	Peebles (Glenress)	99	580	11.6	3.9	7.7	-	17.2	16	-6.1	4	-	-	2.06	-	.51	5	18	14	2	0	0	0	0	0	0	3	-	0	-	-
Selkirk	Selkirk (Rowhill)	99	600	11.7	3.7	7.7	-	17.2	16	-5.6	4	-	-	2.36	-	.42	5	20	15	1	1	0	2	0	4	5	-	0	-	-	-
Roxburgh	Hawick (Wauchope)	99	560	11.7	3.8	7.7	-	16.1	16,17	-6.1	3	-	-	2.24	-	.47	12	20	11	-	0	-	-	-	0	3	-	-	-	-	-
	Sourhope ...	99	900	11.0	3.8	7.4	-	16.7	11,16	-5.0	3	-	-	1.81	-	.39	5	19	11	2	0	0	0	0	0	2	5	10	0	3.30	-
6a SCOTLAND, W.																															
Argyll	Tiree ... ¶§	21-9	29	10.8	6.0	8.4	+0.8	14.4	28	-0.8	4	-	-	3.34	128	.81	12	20	13	4	0	0	3	0	1	2	7	0	4.37	75	
	Rhuvaal ...	21-9	65	10.7	6.2	8.5	-	15.2	16	-0.2	4	-	-	5.10	-	1.15	12	20	18	0	0	1	0	1	0	1	4	2	-	-	-
	Colonsay ...	99	87	11.2	5.3	8.3	-	15.0	29	-2.8	4	-	-	4.38	145	.97	12	23	18	2	-	1	0	0	0	0	3	-	0	-	-
	Campbeltown ...	99	10	11.2	5.7	8.5	-	13.9	15,16,30	0.0	7	-	-	6.27	-	.76	9	17	15	-	0	-	-	-	-	1	-	-	3.39	-	
	Tarbert (Achaglachgach)	99	40	11.6	4.6	8.1	-	16.1	16,29,30	-5.0	3	-	-	6.92	-	1.58	19	22	19	1	0	1	0	0	0	0	6	8	0	-	-
	Oban ...	99	229	11.7	5.3	8.5	-	15.6	18,27	-1.1	4	-	-	4.10	124	.81	12	22	17	4	0	0	0	0	0	0	3	7	0	3.72	80
	Lepholmore ...	99	30	12.3	4.7	8.5	-	16.7	27	-2.8	3	-	-	5.25	-	.87	20	22	19	0	0	0	0	0	0	1	4	7	0	3.48	-
	Glenbranter ...	99	120	11.7	4.0	7.9	+0.7	16.1	27	-5.0	3	-	-	7.68	129	2.01	19	19	17	-	0	-	-	-	0	7	-	-	-	-	-
	Benmore (Forestry Sch.)	99	46	11.8	3.9	7.9	-	16.1	27	-4.4	4	8.4	7.7	8.50	152	2.07	19	24	19	0	0	0	0	0	2	2	6	11	0	-	-
	Benmore																														
	(Younger Bot. Gdn.)	99	40	11.9	4.8	8.3	-	16.7	16,27	-3.3	3,4	-	-	8.50	-	2.08	20	23	18	2	0	0	1	1	1	4	11	0	-	-	-
Bute	Lochranza ...	99	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Rothsay ¶§	99	150	11.4	5.6	8.5	+1.1	15.6	16,27	-1.7	3	8.0	7.5	5.58	170	1.30	20	24	19	1	0	0	0	0	0	1	2	7	0	3.91	82
	Millport ...	99	16	11.3	6.3	8.8	-	15.0	29	-1.1	3	-	-	4.42	168	1.05	20	20	17	0	0	0	0	0	0	0	2	-	0	-	-
Dunbarton	Helensburgh ...	99	293	11.5	4.8	8.1	+0.9	16.1	16	-2.8	3,4	-	-	4.92	150	.83	19	20	18	1	0	0	0	0	0	0	3	-	0	3.31	758
Stirling	Stirling ...	99	151	11.4	5.1	8.3	+0.6	16.7	17	-3.3	3	8.1	7.2	4.27	197	.91	5	19	17	2	0	1	0	1	1	3	5	0	-	-	-
	Falkirk ...	99	100	12.3	4.8	8.5	-	15.6	10,16,20	-3.3	3,4	-	-	3.40	-	1.07	5	24	19	-	0	-	-	-	-	4	4	-	-	-	-
Renfrew	Greenock ...	99	200	11.7	5.7	8.7	+1.1	15.6	16,27	-1.7	3	-	-	5.38	152	.98	5,19	24	15	2	0	0	0	0	1	2	2	4	0	3.69	-
	Paisley ...	99	106	12.4	5.8	9.1	+1.1	16.1	16	-1.7	3	8.9	8.3	3.77	152	1.04	5	22	18	0	0	0	0	0	1	5	3	5	0	3.22	72
	Barrhead ...	99	97	11.8	4.8	8.3	-	15.0	16	-3.9	4	-	-	3.60	-	1.39	5	22	14	1	0	1	0	1	0	3	7	0	-	-	-
	Renfrew ... ¶§	21-9	26	12.1	5.3	8.7	+1.3	15.0	12,16,27	-3.9	3	-	-	3.33	144	.88	5	22	16	1	0	1	0	1	1	3	7	0	2.81	63	
Lanark	Thorntonhall ...	99	453	11.1	4.7	7.9	-	15.0	16	-4.4	3	-	-	3.29	-	1.33	5	21	15	1	0	1	0	0	-	3	9	0	2.94	-	
	Glasgow, Spr. Pk.	99	351	11.7	4.7	8.2	-	15.6	19	-3.3	3	-	-	3.31	143	.78	5	23	18	2	0	1	1	0	0	0	3	7	0	2.58	-
	Coatbridge ...	99	256	11.9	5.1	8.5	-	15.6	16	-3.3	3	-	-	3.01	-	1.30	5	20	16	0	0	0	0	0	0	0	3	-	0	-	-
	Coalburn (Midtown)	99	707	11.0	3.7	7.3	-	15.2	16	-6.0	4	7.7	-	2.89	-	.67	4	23	20	1	0	0	0	0	0	1	4	6	0	2.95	-
	Lowther Hill ...	-	2377	6.7	1.4	4.1	-	12.0	30	-7.0	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	9	-	3	1.77	-
	Leadhills ...	99	1270	10.1	3.2	6.7	-	15.0	16	-7.2	3	-	-	5.63	-	.86	12	21	17	2	0	0	0	0	0	0	5	8	0	-	-
	Carnwath ...	99	706																												

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER APRIL 1961

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 Surface	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	B			Maximum	Date	Minimum	Date	Amount	Date			-0.1in. (0.2mm.) or more	-0.01in. (1.4mm.) or more															
			Max.	Min.			°C.	°C.	°C.	°C.	°C.	°C.			in.	%	in.														
2 ENGLAND, N.E.—cont.																															
Northumberland cont.	Acklington ...	21-9	138	11.5	4.7	8.1	-	17.1	11	-3.4	4	-	-	1.92	-	.35	4	18	12	1	0	0	0	0	2	3	4	0	3.46	-	
	Tynemouth ...	21-9	95	10.4	6.1	8.3	+0.8	16.0	21	0.0	4	-	-	2.26	140	.45	4	17	13	2	0	0	0	1	5	4	1	2	0	3.27	-
	Chopwellwood ...	9 9	446	12.1	4.9	8.5	+1.5	17.8	12	-2.2	4	-	-	2.10	113	.38	11	16	14	1	0	0	0	1	5	4	10	0	-	-	-
	Ushaw College ...	9 9	594	11.2	4.8	8.0	+0.9	16.7	16	-1.1	4, 8	-	-	2.35	125	.45	1	22	15	1	0	0	0	1	1	3	9	0	-	-	-
	Houghall ...	9 9	123	12.3	4.2	8.3	+0.9	17.8	16	-4.4	8	-	-	2.26	127	.47	1	23	15	1	0	0	0	0	1	3	9	0	2.88	658	
	Durham ...	9 9	336	11.9	4.8	8.3	+1.1	17.8	17	-2.2	4, 8	8.6	7.6	2.35	138	.46	1	22	16	-	-	-	-	3	2	6	-	-	2.72	60	
	Gateshead ...	9 9	509	11.2	5.6	8.4	-	16.7	16	0.0	4	-	-	2.72	-	.50	11	18	16	-	-	-	-	3	1	3	-	-	2.93	-	
	Middleton St. Gge. ...	21-9	115	12.6	5.5	9.1	-	17.7	16	-2.2	8	-	-	2.71	-	.76	1	20	14	2	0	0	0	2	1	2	5	0	3.04	-	
Yorks., N. Riding	West Hartlepool ...	9 9	30	11.9	6.1	9.0	-	17.8	11	0.0	4	-	-	2.08	-	.47	1	21	13	2	0	0	0	1	2	1	1	1	0	3.18	-
	Hawes ...	-	745	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Dishforth ...	21-9	105	13.1	5.7	9.4	-	18.1	16	-0.8	4, 8	-	-	3.07	186	.58	4	20	17	1	0	0	0	3	2	2	4	0	3.00	-	
	York ...	9 9	57	13.4	5.9	9.7	+1.4	18.9	16	-0.5	8	9.3	8.1	2.87	169	.76	30	19	13	1	0	0	0	1	3	1	-	0	2.81	61	
	Ampleforth ...	9 9	313	12.3	5.1	8.7	+1.3	18.3	23	-1.7	4	-	-	3.06	155	.48	4	19	16	-	-	-	-	3	3	5	-	-	-	-	-
	Redcar ...	9 9	25	12.4	5.9	9.1	-	18.3	11	-1.7	4	-	-	1.95	135	.61	1	21	14	1	0	0	0	1	3	2	-	0	3.59	-	
	Whitby ...	9 9	135	11.9	5.6	8.7	-	17.2	21	-2.2	4	-	-	1.72	107	.55	1	13	10	0	0	1	0	0	1	2	7	0	3.57	-	
	Scarborough ...	9 9	118	11.2	6.0	8.6	+0.3	16.1	11, 12, 21	0.6	4	-	-	1.89	107	.38	1	17	12	1	0	0	0	0	3	0	2	0	3.33	68	
Yorks., E. Riding	Silpho Moor ...	9 9	685	11.1	4.4	7.7	-	16.7	11, 16, 21	-2.2	4	7.4	-	2.30	-	.48	1	19	13	2	0	0	0	1	9	2	9	0	-	-	-
	High Mowthorpe ...	9 9	574	11.2	4.8	8.0	-	16.1	16	-1.1	4	8.1	-	2.54	-	.37	4	18	14	1	0	0	0	1	1	2	6	0	3.30	-	
	Hull ...	9 9	8	13.0	6.1	9.5	+1.0	17.8	21	-0.5	4	9.4	7.6	2.41	132	.47	1	17	11	0	0	0	0	2	0	1	6	0	3.45	768	
	Leconfield ...	21-9	24	12.8	5.7	9.3	-	17.8	16	-2.2	4	-	-	2.53	-	.44	4	16	11	1	0	0	0	2	2	1	2	0	3.41	-	
	Filey ...	9 9	122	10.9	5.4	8.1	-	16.7	21	-1.7	4	-	-	2.46	-	.42	1	15	12	1	0	0	0	3	2	2	3	0	3.50	-	
	Bridlington ...	9 9	157	10.9	5.4	8.1	-	17.2	21	-1.1	4	-	-	2.57	-	.41	4	16	11	0	0	0	0	2	4	1	14	0	3.31	-	
	Spurn Head ...	21-9	29	11.4	7.3	9.3	+1.4	17.3	21	2.1	4	-	-	2.03	-	.35	4	15	13	0	0	0	0	1	0	0	-	0	4.24	81	
	Gainsborough ...	9 9	110	13.2	5.3	9.3	-	16.7	16, 18, 21	0.0	8	-	-	2.82	-	.40	4	17	15	1	0	0	0	0	2	1	-	0	-	-	-
Lincoln	Waddington ...	21-9	224	13.1	6.2	9.7	-	17.1	21	0.2	4	-	-	2.50	-	.50	4	19	13	1	0	1	1	1	1	0	3	0	3.50	-	
	Lincoln ...	9 9	22	13.8	5.6	9.7	-	17.8	21	-0.5	11	9.3	8.1	2.58	-	.50	4	20	14	1	0	0	0	2	2	2	8	0	3.36	-	
	Cranwell ...	9 9	205	13.4	5.4	9.4	+1.4	17.1	18	0.1	5	10.0	9.7	3.04	182	.47	26	18	14	1	0	0	0	2	0	8	0	3.52	70	-	
	Cleethorpes ...	9 9	23	13.0	6.6	9.8	+1.6	18.9	21	0.0	4	-	-	2.39	141	.54	4	10	9	0	0	0	0	2	1	2	0	-	-	-	
	Manby ...	21-9	55	12.7	5.7	9.2	-	17.3	12	-0.5	4	-	-	2.00	-	.46	4	16	8	1	0	0	0	0	2	0	1	2	0	4.06	-
	Skegness ...	9 9	15	12.6	6.6	9.6	+1.7	18.3	21	2.2	11	-	-	1.54	96	.41	4	14	11	0	0	0	0	1	0	0	2	0	4.40	83	-
	3 ENGLAND, E.																														
	Norfolk	Terrington ...	9 9	13	14.4	5.7	10.1	-	17.8	13, 21	0.0	3	9.7	-	1.61	108	.32	4	19	10	0	0	0	0	0	1	1	7	0	3.83	-
St. Clement ...		21-9	76	14.4	6.0	10.2	-	17.8	15	-1.1	3	-	-	1.89	-	.39	26	19	15	1	0	0	0	1	0	1	8	0	-	-	-
Santon Downham ...		9 9	80	15.4	3.8	9.6	-	20.6	6	-3.9	4	9.0	8.1	1.99	-	.43	27	19	13	-	-	-	-	0	10	16	0	-	-	-	-
West Raynham ...		21-9	250	13.8	5.9	9.9	-	17.7	6	-0.3	4	-	-	1.85	-	.31	1, 4	19	13	1	0	0	0	0	0	1	9	0	4.28	-	
Cromer ...		9 9	178	13.2	6.2	9.7	+1.4	19.4	6	1.7	4	-	-	1.75	102	.49	24	15	11	-	-	-	-	0	0	3	-	4.94	93	-	
Sprowston ...		9 9	93	14.1	5.5	9.8	+1.6	18.9	6	-0.5	4	9.6	-	1.37	76	.33	1	13	10	0	0	0	1	0	0	1	11	0	4.32	83	-
Burlingham ...		9 9	89	14.1	5.9	10.0	-	18.3	6, 12, 15	-0.5	4	-	-	2.39	136	.67	27	13	11	0	0	0	1	1	0	1	3	0	4.83	-	
Gorleston ...		21-9	5	11.4	7.1	9.3	+1.2	15.4	20	3.0	11	10.3	9.1	1.67	100	.57	27	14	9	0	0	0	0	1	1	0	1	0	4.90	91	-
Suffolk	Mildenhall ...	21-9	15	15.2	6.8	11.0	-	19.5	6	0.4	3	-	-	1.29	75	.17	1	13	9	0	0	0	0	1	0	0	4	0	3.86	-	
	East Bergholt ...	9 9	14	14.8	6.2	10.5	-	18.9	6	0.0	3	-	-	1.81	-	.28	1, 7	12	10	0	0	0	0	1	0	1	12	0	-	-	-
	Wattisham ...	21-9	292	13.7	6.1	9.9	-	18.3	6	1.7	3	-	-	1.62	-	.37	1	11	9	0	0	0	0	1	0	0	2	0	-	-	-
	Felixstowe ...	21-9	10	12.9	8.0	10.5	+2.1	15.3	6	3.3	3, 4	-	-	1.41	89	.29	1	12	9	0	0	0	0	2	0	0	1	0	5.22	92	-
	Lowestoft ...	9 9	82	12.8	6.8	9.8	+1.7	17.8	20	1.1	3	10.2	9.1	1.51	90	.32	1	14	8	0	0	0	0	0	0	2	0	4.87	88	-	
	Boxworth ...	9 9	157	14.7	5.8	10.3	-	18.3	6	1.7	3	-	-	1.96	116	.26	1	21	15	0	0	0	1	0	2	0	7	0	3.32	-	
	Cambridge Bot. Gdn. ...	9 9	41	15.2	6.2	10.7	+2.1	18.9	6	1.1	3, 4	10.6	9.4	1.25	71	.22	6	14	9	0	0	0	0	2	0	0	7	-	-	-	-
	Cambridge N.I.A.B. ...	9 9	85	14.9	6.2	10.5	-	18.9	6	1.7	3, 4	-	-	1.75	102	.29	1	16	13	0	0	1	0	1	0	0	4	0	3.37	69	-
Huntingdon	Wytton ...	21-9	129	14.5	6.3	10.4	-	17.8	13, 21	0.5	4	-	-	2.21	-	.31	1	18	14	0	0	0	0	3	2	0	3	0	-	-	-
	Woburn ...	9 9	291	13.8	5.7	9.7	+1.7	16.7	11, 18	0.6	3	9.8	8.4	2.30	119	.29	4	22	14	0	0	1	0	1	0	2	0	2.82	57	-	
	Goldington ...	9 9	107	14.7	6.2	10.5	-	18.3	18	1.7	3	-	-	2.33	-	.27	4	19	16	0	0	0	2	2	0	6	0	-	-	-	-
	Luton ...	9 9	379	14.2	5.8	10.0	+1.9	17.8	6,																						

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER APRIL 1961

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-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)	Code	Daily Mean	Per-cent- age of Average
									Maximum	Date	Minimum	Date						-0.1 in. (0.2mm.) or more	-0.01 in. (1.0mm.) or more	Amount											
					A	B	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.	40 in. (10.2mm.) or more	40 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. (°C or less)	Code	hr
4 MIDLAND COUNTIES—cont.																															
Yorks., W. Riding— cont.	Ilkley	99	315	13.1	5.2	9.1	+1.5	18.3	11	-1.7	8	-	-	4.27	166	.75	1	17	17	4	0	0	0	2	2	0	0	2.82	64		
	Sheffield	99	429	13.1	6.0	9.5	+1.4	17.8	16	0.6	5	8.7	7.8	3.31	158	.58	4	20	15	1	0	0	0	3	1	0	0	2.85	68		
	Wakefield	99	121	13.3	5.5	9.4	+1.0	18.9	11	0.0	5,8	8.7	7.9	2.98	165	.48	1	17	13	1	0	0	0	1	5	2	10	0	-		
	Killinghall	99	365	12.4	-	-	-	16.7	11,16	-	-	8.1	-	3.63	-	.68	1	18	17	-	0	-	-	-	-	11	-	2.65	-		
	Pontefract	99	255	12.2	5.5	8.9	+1.1	18.3	16	0.0	4,5	-	-	2.71	162	.40	25	21	15	1	0	0	0	2	8	2	4	0	-	-	
Derby	Bramham	99	177	12.3	4.9	8.6	-	16.7	16,17	-0.5	5,8	-	-	2.92	-	.55	4	19	17	1	0	0	0	3	3	4	7	0	2.81	-	
	Cawood	99	20	13.1	5.3	9.2	-	17.8	16	-0.5	8	9.3	8.2	2.42	142	.45	4	17	14	1	0	0	0	1	3	3	4	0	2.73	-	
	Askham Bryan	99	110	12.9	5.4	9.1	-	18.3	16	-0.5	8	-	-	3.11	171	.49	4	19	16	0	0	0	0	0	2	3	4	0	2.82	-	
	Buxton	99	1007	11.1	4.5	7.8	+1.5	15.0	16,18	-0.5	3	7.9	7.1	4.58	137	.76	19	20	16	1	0	1	0	1	6	3	7	0	-	-	
	Chapel en le Frith	99	728	12.7	4.8	8.7	-	16.1	11,16	-1.1	4	-	-	3.51	-	.65	19	20	15	1	2	0	1	3	3	11	0	-	-	-	
Nottingham	Wirksworth	99	565	12.8	5.6	9.2	-	16.7	16,18	0.6	3,4,5	-	-	4.72	-	.70	26	22	17	1	1	1	0	2	5	0	4	0	-	-	
	Mackworth	99	293	13.4	5.3	9.3	-	17.2	16,18	0.0	3,5,11	-	-	4.13	-	.67	13	23	16	1	1	0	1	2	3	7	0	-	-	-	
	Belper	99	203	14.0	4.3	9.1	+1.0	17.8	18	0.0	3	-	-	3.33	170	.54	25	21	15	1	0	0	0	1	-	1	-	0	-	-	
	Derby	99	159	13.9	5.9	9.9	-	18.3	16,18	0.6	3,4,5	-	-	2.92	-	.49	4	21	15	1	0	0	0	1	0	0	0	0	2.25	-	
	Morley	99	350	13.1	5.5	9.3	-	16.7	16,18	0.0	3,5	-	-	3.21	-	.55	4	21	15	1	0	0	0	3	-	2	6	0	2.21	-	
Leicester	Chesterfield	99	298	13.2	5.1	9.1	-	17.2	16	0.0	5	-	-	2.71	-	.50	4	21	17	1	0	0	0	0	1	1	-	0	-	-	-
	Sutton Bonington	99	157	13.9	5.8	9.8	+1.6	17.2	18	0.0	3	9.1	8.4	2.93	174	.51	6	20	13	1	0	0	0	1	1	1	10	0	2.57	55	
	Watnall	21-9	385	13.5	5.9	9.6	-	18.6	18	0.2	4	-	-	3.21	166	.53	4	19	13	1	0	2	0	2	5	0	8	0	2.38	-	
	Mansfield	99	362	13.3	5.9	9.6	+1.7	17.8	18	0.6	5	9.2	-	4.11	207	.70	26	22	16	1	0	0	0	3	6	0	5	0	-	-	
	Nottingham *§	99	192	14.0	6.6	10.3	+1.9	18.3	18	0.6	5	9.6	8.1	2.74	153	.45	6	16	13	1	-	0	0	1	1	0	3	0	2.57	60	
Warwick	Warsop (Gleadthorpe)	99	150	13.3	4.8	9.0	-	17.2	16	0.3	3,5,25	-	-	3.27	206	.45	4	22	15	1	0	0	0	3	4	0	11	0	2.91	-	
	Finningley	21-9	34	13.6	6.2	9.9	-	17.7	15	0.4	4	-	-	2.61	-	.35	4	18	14	1	0	0	0	3	4	0	1	0	2.90	-	
	Langar	21-9	106	14.1	6.3	10.2	-	17.9	18	1.1	4	-	-	2.59	-	.49	6	18	13	1	0	0	2	1	1	0	4	0	-	-	
	Newtown Linford	99	388	13.5	5.4	9.4	-	17.2	16,18	-1.1	3	-	-	3.14	-	.69	6	21	14	1	0	0	0	2	0	1	5	0	2.72	-	
	Leicester (Towers)	99	267																												
Northampton	Caldecott	99	175	14.4	4.9	9.6	-	17.8	18	-1.1	3	-	-	2.03	-	.38	25	17	13	-	0	-	-	-	1	5	5	-	3.08	-	
	Wellingborough	99	298	14.3	5.8	10.0	-	17.8	12,18	1.7	3	-	-	2.21	-	.36	25	19	14	0	0	0	0	0	0	7	0	-	-	-	
	Raunds	99	193	14.4	5.2	9.8	-	17.8	13,18,21	0.6	3	10.3	8.3	2.11	122	.32	25	16	14	0	0	0	0	2	0	0	6	0	-	-	
	Wittering	21-9	216	13.8	6.2	10.0	-	17.4	13	1.3	3	-	-	2.23	-	.34	4	21	14	1	0	1	0	1	1	0	6	0	3.55	-	
	Birmingham K.E.S.	99	450	12.9	6.7	9.8	-	16.7	16,18	2.2	4	-	-	4.59	-	.93	25	21	17	0	0	0	0	0	0	0	-	0	-	-	
Oxford	Birmingham *§	21-9	536	12.8	7.0	9.9	+1.7	16.9	18	2.2	4	8.6	8.5	4.92	214	.93	25	22	19	1	0	0	0	3	1	0	2	0	2.17	49	
	Luddington	99	138	14.2	6.4	10.3	-	17.8	16,18	0.6	4	-	-	3.55	197	.61	25	19	16	0	0	0	1	0	0	0	2	0	2.83	-	
	Stratford on Avon	99	160	14.3	6.1	10.2	-	17.8	16,18	0.0	4	10.5	-	3.64	-	.56	25	20	16	0	0	0	0	0	0	1	3	0	3.00	-	
	Birmingham Airport*	21-9	319	13.6	5.9	9.7	-	16.8	18	-1.0	3	-	-	4.15	209	.65	25	19	14	0	0	0	0	2	1	1	4	0	2.62	-	
	Shipston on Stour	99	365	13.5	6.3	9.9	-	17.2	18	1.1	15	9.3	-	3.99	-	.63	25	21	16	0	0	0	0	0	2	0	7	-	2.63	-8	
Buckingham	Wellesbourne	99	153	14.1	6.1	10.1	-	17.8	18	0.6	3,4	10.1	-	3.17	167	.53	5	20	16	0	0	1	0	2	1	0	5	0	2.86	-	
	Moreton Morrell	99	280	14.2	5.8	10.0	-	17.2	16,18	0.0	6	-	-	3.10	-	.50	5	22	15	0	0	1	0	1	6	1	11	0	2.87	-	
	Coventry	99	338	14.3	6.4	10.3	+1.8	20.6	11	1.1	4	9.4	8.0	3.77	187	.54	5	21	15	0	-	0	0	1	0	0	-	0	2.20	498	
	Rugby	99	385	13.6	6.2	9.9	-	16.7	17,18,19	1.1	3,4	9.9	9.1	3.09	-	.50	4	21	15	0	0	1	0	1	-	0	2	0	-	-	
	Oxford *§	99	208	14.4	7.0	10.7	+1.8	17.8	18	3.3	4	10.8	9.6	2.98	157	.46	10,25	21	16	0	0	1	0	1	2	0	1	0	2.90	58	
Stafford	Aylesbury	99	316	14.2	6.2	10.2	-	17.2	11,15	2.2	4,16	-	-	2.96	-	.56	25	19	16	0	0	1	0	2	2	0	11	0	3.18	-	
	Keele	99	587	12.3	5.4	8.7	-	16.1	16,17,18	0.0	3,4,5	8.7	7.7	3.09	153	.63	25	22	16	1	1	0	1	2	3	4	0	2.57	-8		
	Oaken	99	409	13.2	5.3	9.3	+1.7	17.2	18	-1.1	3	9.2	-	4.60	-	.76	25	18	17	-	-	-	-	-	2	11	-	-	-		
	Wheaton Aston	99	365	13.2	5.6	9.4	-	17.2	18	-0.5	3	9.3	-	3.99	-	.70	25	16	16	0	0	0	0	5	3	6	0	1.81	-		
	Stone	99	350	12.8	5.2	9.0	-	17.2	17,18	2.2	3	-	-	3.58	-	.52	25	22	15	1	0	0	0	0	2	3	8	0	2.36	-	
Shropshire	Penkridge	99	330																												

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER APRIL 1961

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.	°C.	in.	%	in.												hr	%	
5 ENGLAND, S.E.—cont.																														
Surrey																														
Wisley ...	9 9	150	15.1	6.6	10.8	+1.8	18.3	6, 19, 21	2.8	16, 18	11.1	9.7	2.23	110	.36	25	16	11	0	0	0	2	0	0	2	0	3.08	63		
Mickleham ...	9 9	179	14.4	5.6	10.0	-	17.2	6, 18	1.1	25	-	-	2.89	128	.43	20	17	15	0	0	0	1	0	0	5	0	-	-		
Kew Observatory ¶§	21-9	18	14.4	7.8	11.1	+1.8	17.6	18	4.4	25	11.0	10.0	2.05	111	.35	3	16	11	0	0	1	0	0	1	0	4	0	3.39	68	
Gatwick ...	21-9	192	14.4	6.2	10.3	-	17.3	18	1.3	28	-	-	3.13	-	.48	4	21	13	0	0	0	1	1	1	0	5	0	2.83	-	
Croydon (Waddon)	9 9	220	14.6	6.7	10.7	+1.7	17.2	18	3.9	16, 28	-	-	1.90	87	.38	25	16	11	-	-	-	-	-	-	-	-	-	-		
Addington ...	9 9	474	14.1	6.7	10.4	+2.0	17.8	6	3.9	19	-	-	2.47	108	.39	25	21	15	-	-	-	-	-	-	-	-	-	-		
Bromley ...	9 9	213	14.7	7.2	10.9	+1.8	18.3	6	4.4	24, 28	-	-	1.99	98	.32	10	19	14	-	-	-	-	-	-	-	-	-	-		
Swanley ...	9 9	177	14.7	6.0	10.3	-	17.8	6	2.2	16	10.6	-	1.83	-	.28	25	15	12	0	0	0	0	0	1	0	6	0	2.89	-	
Dartford ...	9 9	17	15.1	6.8	10.9	-	18.3	6	3.3	24, 25	-	-	1.73	97	.28	25	17	13	0	0	0	0	0	1	0	-	0	-	-	
Tunbridge Wells	9 9	351	14.2	6.2	10.2	+1.9	17.8	6, 18	2.2	24	10.8	9.8	2.58	116	.48	4	15	12	0	0	0	1	0	1	0	0	3.22	60		
Goudhurst ...	9 9	280	14.6	6.0	10.3	-	18.3	6	1.7	28	-	-	2.29	98	.51	4	15	9	0	0	0	0	0	2	0	5	0	-	-	
East Malling ¶§	9 9	122	14.9	6.2	10.5	+2.1	18.3	6, 15	1.7	24, 25	-	9.2	1.90	91	.31	25	18	12	0	0	0	0	0	1	0	3	0	3.61	72	
Benenden ...	9 9	195	14.2	6.6	10.5	-	17.8	6	2.8	25	-	-	2.04	-	.49	4	13	9	-	-	-	-	-	1	0	7	-	-	-	
Gillingham ...	9 9	10	15.2	7.2	11.2	-	19.4	6	3.3	19, 25	-	-	1.80	-	.31	3	14	10	0	0	0	0	0	0	0	-	0	3.23	-	
Sittingbourne ...	9 9	224	-	6.5	-	-	-	-	1.1	19	10.4	9.2	1.87	-	.34	3	18	12	0	0	0	0	0	2	0	6	0	3.80	-	
Isle of Grain ...	9 9	9	14.7	8.4	11.5	-	19.4	6	6.1	4, 10	-	-	1.38	-	.27	3	17	11	-	-	-	-	-	-	-	-	-	-		
Throley ...	9 9	493	13.9	6.2	10.1	-	18.3	6	3.3	10, 15	10.4	8.7	2.33	-	.45	4	19	14	0	0	0	0	0	2	0	3	0	3.52	-	
Faversham ...	9 9	157	14.4	6.7	10.5	-	18.9	6	3.3	10	10.5	9.4	1.62	-	.35	4	16	9	0	0	1	0	0	0	2	0	1	0	3.73	-
Dungeness ...	21-9	10	12.9	8.3	10.6	-	16.2	6	4.3	28	-	-	2.22	125	.40	2	16	11	0	0	0	0	0	0	3	0	-	0	-	-
Wye ...	9 9	185	14.5	6.8	10.7	+2.1	18.9	6	2.2	24, 25, 28	-	-	2.23	103	.46	4	15	11	0	0	0	0	0	1	1	7	0	3.88	72	
Whitstable ...	9 9	9	-	7.2	-	-	-	-	2.2	10	-	-	1.44	92	.29	4	14	9	0	0	0	0	0	0	0	-	0	4.14	-	
Folkestone ...	9 9	128	13.9	8.3	11.1	-	17.8	6	6.1	3, 4, 24	10.3	2.01	109	.39	4	16	12	0	0	0	0	0	0	0	0	0	-	0	4.47	-
Wingham (Elmstone)	9 9	28	15.2	6.6	10.9	-	20.6	6	2.2	10	-	-	1.81	-	.32	4	18	12	-	-	-	-	-	-	-	-	-	-	-	
Herne Bay ...	9 9	21	14.8	8.2	10.5	-	20.6	6	3.3	10	-	-	1.53	93	.33	4	14	10	0	0	0	0	0	0	0	-	0	3.76	-	
Dover ...	9 9	19	13.5	8.3	10.9	+2.1	17.8	6	6.1	15, 25, 28	11.8	10.4	2.23	110	.47	4	15	10	0	0	0	0	0	0	0	0	0	3.92	-8	
Dover R.M.S. ...	9 9	402	12.4	7.3	9.9	-	17.8	6	4.4	3	-	-	2.33	104	.43	3, 4	13	10	0	0	0	0	0	2	0	-	0	-	-	
Deal ...	21-9	18	14.3	8.8	11.5	-	20.4	6	5.8	15	-	-	1.85	-	.47	4	13	10	0	0	0	0	0	0	0	0	-	-	-	
Ramsgate ...	9 9	80	13.4	8.5	10.9	-	17.8	6	6.1	3, 4	-	-	1.40	92	.28	4	15	10	0	0	0	0	0	0	1	0	-	4.50	77	
Manston ...	21-9	145	14.0	7.2	10.6	-	19.4	6	3.9	3, 25	-	-	1.61	-	.24	4, 10	14	12	0	0	0	0	0	0	1	0	0	-	-	
Margate ...	9 9	51	13.5	8.3	10.9	+1.8	20.0	6	6.1	1, 3, 7	11.2	10.1	1.41	101	.26	20	15	9	0	0	0	0	0	0	0	0	4.53	76		
Thornor Island	21-9	10	14.1	7.8	10.9	-	15.8	26	2.8	28	-	-	3.45	195	.91	25	14	9	0	0	0	1	0	2	0	1	0	3.54	-	
Bognor Regis ...	9 9	24	12.9	8.5	10.7	+2.0	15.0	7, 26	3.9	28	-	10.5	3.00	153	.71	25	14	11	0	0	0	0	0	2	0	0	1	0	3.81	65
Littlehampton ...	9 9	15	13.3	8.4	10.9	+2.2	15.0	26, 29	3.3	28	-	10.4	3.17	170	.68	25	14	14	0	0	0	0	0	0	0	-	0	3.72	63	
Rustington ...	9 9	10	13.6	6.8	10.2	-	15.0	2, 7, 28	1.1	28	-	9.5	2.89	-	.69	25	13	11	-	-	-	-	-	1	0	4	-	3.22	-	
Worthing ...	9 9	25	13.3	8.4	10.9	+2.0	15.0	7, 24, 28	3.9	28	11.3	10.1	2.90	163	.66	25	16	11	0	0	0	0	0	0	0	0	0	3.67	61	
Brighton ...	9 9	32	13.2	8.7	10.9	-	15.6	7	5.6	24	-	10.7	2.46	136	.56	25	11	10	0	0	0	0	0	0	0	0	0	3.35	-	
East Grinstead ...	9 9	440	14.9	5.9	10.4	-	17.8	18	1.7	16, 25, 28	-	9.2	3.12	-	.64	4	16	15	0	0	0	0	0	0	0	0	-	-	-	
Seaford ...	9 9	45	13.6	7.9	10.7	-	16.1	6	4.4	24, 28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.59	-		
Eastbourne ...	9 9	35	13.1	8.6	10.9	+2.0	17.2	6	5.6	18, 28	11.6	10.3	2.40	120	.47	3	11	11	0	0	0	0	0	1	0	0	0	4.48	74	
Eastbourne (C/guard)	21-9	17	13.9	8.2	11.1	-	18.0	6	3.2	28	-	-	2.21	-	.53	3	12	10	0	0	0	0	0	0	1	0	-	-	-	
Bexhill ...	9 9	14	12.9	8.6	10.3	+1.6	15.6	6	4.4	24, 28	11.9	-	2.28	121	.52	4	12	9	0	0	0	0	0	0	3	0	0	3.90	-	
Sedlescombe ...	9 9	175	13.3	6.9	10.1	-	17.8	6	2.8	25	-	-	2.94	-	.58	4	16	12	0	0	0	0	0	1	0	1	0	-	-	
Bodiam ...	9 9	73	14.6	6.6	10.6	-	18.3	6	1.1	25	11.1	9.5	2.46	-	.53	4	14	11	-	-	-	-	-	2	0	6	-	3.34	-	
Hastings ... ¶§	9 9	149	13.2	8.3	10.7	+2.0	16.1	6	5.6	28	12.2	10.7	2.41	124	.60	4	16	9	0	1	0	1	1	0	0	0	0	4.06	70	
Berkshire																														

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER APRIL 1961

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. (°C. or less)	Gale	Daily Mean	Per-centage of Average			
				A	B		Maximum	Date	Minimum	Date	in.	%	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.	1 ft.	4 ft.	in.	%	in.	Date								hr	%		
7a ENGLAND, N.W.																														
Cumberland	Sellafield...	99	43	12.1	5.6	8.9	-	16.1	18	0.0	3,4	-	-	4.07	167	1.21	11	19	15	-	0	0	-	-	0	0	2	5	-	-
	Carlisle ...	21-9	86	12.8	5.7	9.3	-	17.5	16	-2.1	4	-	-	2.69	-	.47	12	17	12	1	0	0	-	-	0	0	3	3	4.17	-
Westmorland	Newton Rigg §§	99	560	12.4	5.0	8.7	+1.8	17.2	16,17	-2.8	8	8.8	-	2.60	126	.40	1	19	13	-	0	0	-	-	0	0	4	9	3.54	78
	Spadeadam ...	99	900	10.7	3.9	7.3	-	16.1	16	-4.4	4	7.1	6.6	3.23	-	.46	4	21	17	3	0	0	2	1	4	6	0	3	3.08	-
Lancashire	Ambleside ...	99	151	13.1	5.7	9.4	-	19.4	17	-2.2	8	-	-	7.04	175	1.02	4	18	15	0	0	0	-	-	0	0	3	-	2.58	-
	Great Dun Fell ...	-	2780	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.82	-
Lancashire	Moor House ...	99	1840	8.7	2.0	5.3	-	13.9	17	-7.8	8	5.6	-	4.60	-	.66	12	21	18	-	2	-	-	-	7	8	15	-	2.53	-
	Barrow-in-Furness ...	99	55	12.3	6.4	9.3	-	17.8	18	0.0	3	9.8	-	5.02	-	1.10	11	20	15	1	0	0	0	0	1	1	-	0	-	-
Lancashire	Squires Gate ...	21-9	33	12.9	6.0	9.5	-	17.9	18	0.3	4	-	-	3.14	171	.55	11	18	15	1	0	0	0	2	2	0	6	0	3.39	-
	Urswick ...	99	130	13.1	5.6	9.3	-	18.9	18	-1.7	3	-	-	5.37	-	1.23	11	18	15	1	0	0	0	1	7	2	-	0	-	-
Lancashire	Poulton-le-Fylde ...	99	38	13.1	5.8	9.5	-	18.3	17	0.6	4,5	-	-	3.69	-	.50	19	18	15	0	0	0	0	0	0	0	-	0	-	-
	Grizedale ...	99	300	12.6	4.6	8.6	-	17.8	16,17,18	-2.8	8	-	-	7.68	-	1.26	11	18	17	1	0	0	0	0	2	3	12	0	-	-
Lancashire	Speke ...	21-9	80	13.4	7.1	10.3	-	18.2	16	1.3	4	-	-	3.56	208	.61	25	22	19	1	0	2	0	2	2	0	4	0	3.13	-
	Kirkham ...	99	77	13.3	5.7	9.5	-	18.3	16,18	-1.7	3	-	-	4.42	216	.63	21	19	14	1	0	1	0	1	0	2	8	0	3.20	-8
Lancashire	Garstang ...	99	68	12.9	5.9	9.4	-	17.8	16	0.6	4	-	-	3.84	-	.60	11	18	15	-	0	-	-	-	0	0	7	-	3.36	-
	Morecambe ...	99	24	12.9	6.4	9.7	+1.6	16.7	18	1.7	8	-	-	4.21	204	.88	11	19	16	1	0	0	1	0	0	0	-	0	3.16	58
Lancashire	Preston (Moor Pk.) ...	99	108	13.3	6.3	9.7	-	18.3	18	-0.5	3	-	-	3.66	166	.49	11	20	16	2	0	0	0	4	1	1	5	0	-	-
	Bolton ...	99	352	13.2	6.4	9.8	+1.9	19.4	16	-0.5	4	8.6	7.7	4.25	-	.55	25	18	17	1	0	0	0	2	1	3	9	0	2.89	-
Lancashire	Darwen ...	99	724	11.9	4.9	8.4	+1.3	17.2	16	-0.5	4,5	8.4	7.4	6.77	211	.75	13,19	21	20	1	0	0	0	2	0	3	-	0	-	-
	Stonyhurst §§	99	377	12.7	5.4	9.1	+1.5	17.2	16,17	0.0	3	-	-	4.65	174	1.01	1	21	18	-	0	-	-	-	4	1	4	-	2.85	61
Lancashire	Manchester	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Weather Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.75	-	
Lancashire	Helmshore ...	99	854	11.7	5.2	8.5	-	16.7	18	-0.5	4	9.1	-	5.23	-	.57	19	19	19	-	0	-	-	-	2	2	9	-	2.72	-
	Manchester (Smokeless Zone)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lancashire	Burnley ...	99	655	12.1	5.1	8.6	-	16.7	16	-1.7	4	8.1	-	4.60	-	.82	1	20	18	1	0	0	0	1	1	4	9	0	2.57	-
	Nelson ...	99	540	12.3	5.0	8.7	-	16.7	11,16	0.0	4	8.5	7.4	4.35	162	.68	1	20	16	-	0	-	-	-	1	1	7	-	2.53	-8
Cheshire	Rochdale ...	99	362	12.7	5.6	9.1	-	17.8	16	0.6	3,4,15	-	-	3.71	-	.57	19	20	19	1	0	0	0	2	1	0	4	0	2.51	-
	West Kirby Park	99	17	13.5	6.5	10.0	-	18.3	16	1.1	5	-	-	2.67	-	.56	25	22	13	-	-	-	-	-	-	0	0	-	3.77	-
Cheshire	Bidston Obs'y. §§	99	198	12.7	6.9	9.8	+1.6	17.8	16	0.6	5	-	-	3.28	194	.76	25	21	19	-	-	-	-	4	0	1	-	-	3.49	66
	Northwich (Winnington) §§	99	65	13.7	6.6	10.1	-	18.3	16	0.6	3	-	-	2.62	140	.47	25	21	16	1	0	0	1	0	2	0	2	0	-	-
Cheshire	Manchester Airport §§	21-9	248	13.6	6.9	10.3	+2.2	18.2	16	1.0	3	-	-	2.46	130	.36	23	18	14	1	0	0	1	3	1	0	3	0	3.15	74
	Macclesfield ...	99	500	13.1	6.1	9.6	+2.0	17.8	16	0.6	3	-	-	2.89	119	.47	19	20	17	1	0	0	1	1	1	1	-	1	-	-
7b NORTH WALES																														
Flint	Rhyl ...	99	31	13.2	6.5	9.9	+1.4	18.3	16	0.6	3	-	-	2.87	182	.39	25	22	17	1	0	1	0	1	1	0	2	0	3.71	69
	Prestatyn ...	99	12	13.3	6.5	9.9	-	18.9	16	1.7	3,4	-	-	2.55	151	.38	25	20	15	1	0	0	0	1	2	0	-	0	-	-
Anglesey	Hawarden Bridge	99	17	13.6	6.3	9.9	+1.2	17.8	15,16	0.6	4	-	-	2.94	167	.93	25	22	19	1	0	0	1	2	2	0	-	0	-	-
	Holyhead (Valley)	21-9	26	12.5	7.3	9.9	+1.5	16.7	18	2.2	18	-	-	4.07	215	.93	11	21	17	0	0	0	0	0	1	0	3	0	4.59	79
Denbigh	Colwyn Bay ...	99	118	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Alwen ...	99	1100	11.2	2.7	6.9	-	15.6	16,17	-4.4	3	-	-	3.56	-	.45	25	19	17	-	-	-	-	-	9	12	-	-	-	-
Denbigh	Ruthin ...	99	248	13.2	5.6	9.4	-	17.2	11,16	-1.1	3	-	-	2.14	-	.52	25	21	15	-	0	-	-	-	0	2	-	-	-	-
	Bwlchgwn ...	99	1287	10.6	4.6	7.6	-	15.0	16,17	-1.7	4	7.3	-	4.78	-	1.56	25	22	17	1	1	0	0	0	0	5	2	7	0	-
Denbigh	Ruabon ...	99	312	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Wrexham ...	99	275	13.5	5.8	9.7	-	17.2	11,12,18	0.6	3	9.3	8.4	3.18	-	.80	25	22	16	1	0	0	0	3	1	0	7	0	-	-
Caernarvon	Bardsey Island ...	21-9	60	10.9	6.8	8.9	-	14.5	21	4.0	4,6	-	-	5.03	-	1.07	11	19	18	-	-	-	-	2	0	0	-	-	-	-
	Botwnnog ...	99	112	12.6	7.1	9.9	-	17.2	16	2.8	4	10.9	9.7	5.42	-	1.25	11	21	17	0	0	0	0	0	1	0	0	0	4.12	-
Caernarvon	Bryn Adda ...	99	275	13.3	6.8	10.1	-	17.8	16	1.7	3	-	-	3.91	-	.79	11	20	17	0	0	0	0	1	0	0	1	1	3.95	-
	Cwm Dyli ...	99	324	12.7	6.4	9.5	-	17.8	16	1.1	3,15	9.3	-	10.76	-	1.78	11	24	18	0	0	0	0	0	0	0	7	0	-	-
Caernarvon	Aber ...	99	60	13.5	7.1	10.3	+1.7	16.7	12,16	1.7	3	-	-	3.93	169	1.04	25	21	18	0	0	0	0	1	1	0	7	0	3.30	65
	Llandudno §§	99	13	13.0	7.1	10.1	+1.4	18.3	16	1.7	3	-	-	2.66	157	.45	25	23	17	0	0	1	0	1	0	0	-	0	3.49	64
Merioneth	Llyn Stwlan ...	99	1656	8.9	4.1	6.5	-	13.9	17	-0.5	3,4	-	-	8.55	-	2.23	11	23	19	-	0	-	-	-	3	5	-	-	-	-
	Blaenau Ffestiniog	99	750	11.9	6.3	9.1	-	16.7	16																					

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER APRIL 1961

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	-0.01 in. (0.2mm.) or more	-0.01 in. (0.2mm.) or more														
				Max. Min.	G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.											hr	%	
8b ENGLAND, S.W.																															
Somerset	Hawkrigge (Liscombe)	99	1030	11.7	5.7	8.7	-	15.0	11	1.1	15	-	-	5.92	-	.97	22	23	20	0	0	0	0	0	3	0	5	0	-	-	
	Cannington	99	95	14.3	7.6	10.9	-	17.2	18	3.9	28	10.6	-	3.16	162	.40	25	23	18	0	0	0	0	0	1	0	1	0	4.28	-	
	Weston-s.-Mare	99	28	13.8	7.6	10.7	-	17.8	18	3.9	28	-	-	3.41	167	.76	5	19	16	0	0	0	1	0	1	0	2	0	3.57	67	
	Long Ashton	99	162	13.9	7.2	10.5	+1.7	17.8	18	3.9	3.16, 28	10.7	-	3.85	171	.60	5	24	17	0	0	1	0	1	0	9	0	2.83	53		
	Bath (City)	99	388	13.6	6.8	10.2	-	16.7	17	3.3	16	-	-	4.15	-	.68	25	20	15	0	0	0	0	0	0	-	0	-	-	-	
Dorset	Boys' School	99	67	14.4	7.3	10.9	+1.8	17.2	16, 18	4.4	3.4, 24	11.2	9.7	4.25	201	.65	25	23	16	0	0	0	0	0	0	1	0	2.76	53		
	Bath	99	35	12.4	8.9	10.7	+2.1	14.5	17	7.0	4, 11	-	-	3.50	223	.65	25	17	14	0	0	0	0	0	0	-	1	-	-	-	
	Portland Bill	21-9	16	14.3	8.7	11.5	+2.3	17.2	28, 29	6.1	28	-	-	3.75	208	.88	25	17	15	-	-	-	-	-	-	-	-	4.54	76		
	Weymouth	99	680	12.4	6.5	9.5	+1.5	15.0	26	2.8	28	-	-	4.97	232	1.34	25	19	18	-	-	-	-	10	0	-	-	-	-	-	
	Shaftesbury	99	37	13.4	8.4	10.9	-	16.1	7	5.6	24	-	10.4	3.95	-	.73	25	18	14	0	0	0	0	0	1	0	0	1	4.39	-	
Devon	Swanage	99	18	14.7	7.5	11.1	-	17.2	16, 28, 29	2.8	24	-	-	4.60	-	1.34	25	19	14	0	0	0	0	0	1	0	-	0	3.64	-	
	Poole	99	18	14.7	7.5	11.1	-	17.2	16, 28, 29	2.8	24	-	-	4.60	-	1.34	25	19	14	0	0	0	0	0	1	0	-	0	3.64	-	
	Hartland Pt.	21-9	298	12.1	8.4	10.3	-	16.0	18	5.5	16	-	-	3.83	-	.61	5	21	19	0	0	1	0	0	3	0	1	0	4.45	-	
	Plymouth (Mt. Batten)	21-9	87	13.5	8.4	10.9	+1.8	15.9	18	3.9	24	-	-	6.02	274	.93	19	24	19	0	0	0	0	0	0	1	0	4.62	79		
	Plymouth (The Hoe)	99	119	14.1	8.3	11.2	+1.7	16.7	17, 29	4.4	15	11.7	10.7	6.06	275	.98	5	23	19	0	0	0	0	0	1	0	3	4.54	77		
Devon	Tavistock	99	457	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Chivenor	21-9	20	14.1	8.3	11.2	-	17.7	16	5.4	7	-	-	4.95	-	1.15	21	21	17	0	0	0	0	0	1	0	0	1	3.93	-	
	Ilfracombe	99	25	13.2	8.6	10.9	+1.7	17.2	18	5.6	7	11.9	11.0	5.29	231	.79	21	22	17	0	0	0	0	0	0	0	1	0	4.73	84	
	Princetown	99	1359	11.1	5.8	8.5	-	15.0	15, 17	-1.1	25	-	-	11.43	221	1.66	20	21	21	-	-	-	-	7	1	3	-	-	-	-	
	Totnes	99	120	14.7	7.1	10.9	-	17.8	17	0.0	15	11.5	9.8	6.01	233	.77	20	20	17	0	0	0	0	0	0	1	6	1	4.69	-	
Devon	Slapton	99	104	13.6	7.9	10.7	-	16.1	17, 29, 30	3.3	11	-	-	4.08	-	.57	24, 21	21	17	0	0	0	0	0	0	0	0	1	-	-	-
	Newton Abbot	99	272	14.4	7.6	11.0	+2.2	17.2	17	3.9	15	-	-	4.87	195	.71	19	19	15	0	0	0	0	0	0	0	2	0	4.03	87	
	Paignton	99	8	14.7	8.2	11.5	-	16.7	29, 30	3.3	15	-	-	4.89	195	.69	19	21	17	0	0	0	0	0	0	0	1	0	4.44	75	
	Torquay	99	26	14.2	8.6	11.4	+2.1	16.7	17, 30	4.4	11, 15	-	10.8	4.40	195	.57	19	20	16	0	0	0	0	0	0	1	0	4.86	81		
	Teignmouth	99	20	14.3	9.0	11.7	+2.3	16.7	17, 23, 30	5.6	11	-	-	4.52	212	.65	19	24	16	0	0	0	0	0	0	0	0	0	4.20	71	
Devon	Starcross	99	29	14.1	7.9	11.0	-	17.2	17, 29	4.4	24	11.4	-	4.84	-	.72	19	23	16	0	0	0	0	0	0	3	0	0	4.14	-	
	Exeter (Southam)	99	160	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Exmouth	99	195	13.4	7.7	10.5	+1.8	16.7	28	5.0	11	-	-	4.74	213	.54	19	23	17	0	0	0	0	0	3	0	-	0	4.00	71	
	Exeter	21-9	106	14.1	7.8	10.9	-	17.2	17, 29	3.1	24	-	-	4.41	206	.87	25	22	15	0	0	0	0	0	0	1	0	3.99	-		
	Sidmouth	99	25	13.5	8.1	10.8	+2.0	17.8	17	5.0	15	-	-	4.39	-	.50	25	20	19	-	-	-	-	-	-	-	-	4.33	-		
Cornwall	St. Mary's, Scilly	21-9	158	13.4	9.2	11.3	+1.9	15.4	15, 17	7.4	7	-	-	2.85	135	.46	21	21	14	0	0	0	1	0	2	0	-	1	5.76	93	
	Penzance	99	62	14.3	8.5	11.4	+1.6	17.2	17	4.4	17	-	-	4.25	169	.43	18	21	17	0	0	0	0	0	0	0	1	0	5.95	99	
	Gulval	99	50	14.1	8.8	11.5	+2.1	18.3	17	5.6	16	-	-	4.49	-	.78	18	20	17	0	0	0	0	0	0	0	-	0	5.46	90	
	Culdrose	99	268	13.2	7.8	10.5	-	16.7	17	5.0	11	-	-	4.29	-	.51	5	18	16	0	0	0	0	0	2	0	0	0	5.61	-	
	Camborne (Rosewarne)	99	250	13.3	8.4	10.9	-	16.7	18	5.0	17	11.4	10.6	4.85	-	.59	24	22	17	0	0	1	0	0	0	0	1	0	4.91	-	
Cornwall	Lizard	99	240	13.1	8.6	10.9	-	15.3	19	6.4	15	-	-	3.76	187	.55	5	21	16	0	0	0	0	0	0	-	1	0	5.36	-	
	Falmouth	99	167	13.9	-	-	-	16.7	17	-	-	-	-	5.41	207	.81	22	19	17	0	0	0	1	0	2	-	0	0	4.91	83	
	Newquay	99	176	13.7	8.3	11.0	+2.0	17.2	18	5.6	16, 17, 18	-	-	3.36	173	.46	19	21	18	0	0	0	0	0	-	1	0	5.12	87		
	St. Mawgan	21-9	337	13.2	8.0	10.6	-	16.3	18	5.0	11	-	-	5.31	-	.53	19	21	18	0	0	0	0	0	1	0	1	0	5.31	-	
	St. Austell	99	310	14.0	8.0	11.0	-	17.2	17, 18	4.4	11, 24	-	-	5.67	194	.84	19	22	20	0	0	0	0	0	4	0	-	0	-	-	
Cornwall	Fowey	99	51	14.1	8.7	11.4	+1.9	17.2	17, 29	5.0	11	-	-	4.36	-	.68	5	20	17	0	0	0	0	0	0	1	0	-	1	-	-
	Bude	99	50	13.7	8.1	10.9	+2.0	17.8	18	3.3	11	10.7	-	3.91	202	.83	21	17	16	0	0	0	0	0	0	-	1	0	4.46	76	
	Ellbridge	99	190	13.9	7.6	10.7	-	17.2	17	3.3	15, 24	-	-	6.19	-	1.02	19	24	21	0	0	0	0	1	1	0	0	0	3.97	-	
	NORTHERN IRELAND																														
	Londonderry	Eglinton	99	46	12.7	5.6	9.1	-	16.7	18, 21	0.0	10	-	-	4.08	-	.91	22	20	19	0	0	0	0	0	2	1	7	0	-	-
Ballykelly		21-9	3	12.1	5.6	8.9	+0.8	16.7	18, 29	-2.2	8	-	-	3.83	171	.66	22	20	16	2	0	2	0	1	1	4	6	0	3.41	70	
Garvagh		99	121	11.7	4.8	8.3	+0.7	16.7	16	-3.3	8	8.9	-	5.39	202	.70	12	24	18	2	0	1	1	2	1	4	11	0	-	-	
Portrush		99	18	-	-	-	-	-	-	-	-	-	-	3.45	-	.46	22	20	14	-	-	-	-	-	-	-	-	3.86	-		
Aldergrove		21-9	217	12.0	4.8	8.4	+0.8	16.1	29	-4.0																					

TABLE IV—SUMMARY OF OBSERVATIONS AT FIXED HOURS APRIL 1961

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.	3-8 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	5 to 7	4 to 5	3 to 4									
																												34 or more	23 to 33	11 to 21	1 to 10									
0 SCOTLAND, N.																																								
Zetland	Lerwick Observatory	H.	3	272	1008.3	-	4.1	0.4	7.7	91	6.1	0	3	8	4	11	4	0	0	0	0	0	0	0	0	0	0	2	17	9	2	3	3	11	1	2	5	1		
			9	272	1008.5	-1.8	5.7	1.0	7.9	85	6.2	0	4	6	6	12	2	0	0	0	0	0	0	0	0	0	0	4	19	7	0	3	3	12	3	2	3	2		
			15	272	1008.6	-	6.6	1.4	7.9	80	6.2	0	4	2	12	10	2	0	2	0	2	1	1	6	3	10	5	23	2	0	3	4	4	11	4	3	3	1		
			21	272	1009.2	-	4.7	0.6	7.9	90	6.6	0	4	3	5	14	4	0	0	0	0	0	0	0	0	0	0	2	20	7	1	1	4	6	6	1	1	1		
Orkney	Kirkwall (Grimsetter)	H.	3	86	1007.2	-	4.9	0.5	8.0	91	6.0	0	5	4	6	13	2	0	1	1	0	0	0	0	0	0	0	2	16	12	0	1	1	3	2	16	2	2	2	0
			9	86	1007.7	-	6.9	1.0	8.6	86	6.6	0	2	2	16	9	1	0	0	0	0	0	0	0	0	0	0	2	16	12	0	0	0	0	0	0	0	0		
			15	86	1007.8	-	8.3	1.6	8.7	79	5.7	1	3	8	9	9	0	0	0	0	0	0	0	0	0	0	0	3	22	5	0	0	0	5	6	9	1	0		
			21	86	1008.4	-	5.2	0.6	8.1	90	5.6	0	4	10	5	7	4	0	0	0	0	0	0	0	0	0	0	2	13	15	0	0	0	1	4	13	4	1	7	
Caithness	Wick	H.	3	121	1007.7	-	4.9	0.5	8.1	91	5.3	1	6	7	8	7	1	0	1	0	1	0	1	9	7	7	4	14	14	1	0	0	1	4	19	2	3	5	0	
			9	121	1008.1	-2.7	7.0	1.1	8.5	84	5.9	0	4	6	9	7	2	0	1	2	1	1	1	6	3	6	9	2	13	15	0	0	2	4	10	3	1	6	0	
			15	121	1008.3	-	8.2	1.6	8.5	77	6.2	0	1	10	9	8	2	0	0	0	0	0	0	0	0	0	0	1	15	14	0	0	0	6	3	1	0	5	1	
			21	121	1008.7	-	6.0	0.8	8.3	87	5.8	0	4	7	9	6	4	0	0	0	0	0	0	0	0	0	0	0	13	15	2	0	0	9	2	1	0	4	1	
Sutherland	Cape Wrath	H.	3	371	1005.7	-	6.1	0.8	8.5	88	6.0	0	2	9	8	9	2	0	0	0	0	0	0	0	0	0	0	0	9	16	5	1	1	2	6	3	3	4	3	
			9	371	1006.3	-	6.9	1.0	8.7	87	5.8	0	4	7	10	9	0	0	0	0	0	0	0	0	0	0	0	0	6	20	4	2	2	4	3	6	3	1	3	
			15	371	1006.5	-	7.7	1.2	8.8	83	6.6	0	2	2	14	10	2	0	1	1	0	0	0	0	0	0	0	0	4	25	1	1	1	8	4	6	6	1	2	
			21	371	1006.5	-	6.7	0.6	9.0	91	6.4	0	2	5	9	14	0	0	0	0	0	0	0	0	0	0	0	0	6	21	3	1	2	8	7	1	2	2	1	
Ross & Cromarty	Stornoway	H.	3	16	1006.2	-	5.8	0.8	8.2	87	4.8	4	7	2	7	10	0	0	0	0	0	0	0	0	0	0	0	0	9	16	5	1	2	6	4	5	1	4	1	
			9	16	1006.7	-4.2	8.1	1.4	8.8	80	5.5	0	4	8	11	7	0	0	0	0	0	0	0	0	0	0	0	4	9	7	10	0	0	15	14	1	1	4	6	
			15	16	1006.6	-	9.5	2.0	8.9	73	5.7	1	2	8	12	7	0	0	0	0	0	0	0	0	0	0	0	1	15	14	1	1	4	6	6	6	2	3		
			21	16	1006.6	-	7.1	0.9	8.9	87	5.0	0	9	4	6	11	0	0	0	0	0	0	0	0	0	0	0	1	9	16	4	0	2	8	3	5	2	1	2	
Inverness	Benbecula...	H.	3	21	1005.4	-	6.2	0.6	8.7	90	5.4	2	5	5	8	9	1	0	0	0	1	1	0	1	2	8	7	10	0	13	15	1	3	4	4	9	1	3		
			9	21	1005.8	-	8.1	1.2	9.2	85	5.6	0	6	5	9	10	0	0	0	0	0	0	0	0	0	0	0	1	7	6	3	13	0	1	5	13	1	3	3	
			15	21	1005.7	-	9.9	2.0	9.3	75	6.0	0	3	7	12	8	0	0	0	0	0	0	0	0	0	0	0	3	6	6	15	0	5	17	8	0	2	2		
			21	21	1005.7	-	7.4	0.8	9.2	88	5.9	0	4	6	10	9	1	0	1	0	1	0	2	8	8	9	0	14	11	4	4	2	6	5	4	1	2			
1 SCOTLAND, E.																																								
Moray	Kinloss	H.	3	19	1006.7	-	5.8	0.9	8.1	87	6.0	1	2	7	6	14	0	0	0	0	0	0	0	0	0	0	0	1	6	23	0	1	3	5	4	5	8	2		
			9	19	1007.3	-	8.0	1.7	8.4	78	6.2	0	3	4	17	6	0	0	0	0	0	0	0	0	0	0	0	0	7	6	9	0	4	3	5	4	5	8	2	
			15	19	1006.8	-	10.8	2.8	8.6	66	6.1	0	1	8	13	8	0	0	0	0	0	0	0	0	0	0	0	0	1	2	6	12	9	0	0	16	14	0	3	
			21	19	1007.3	-	7.6	1.4	8.6	82	6.2	0	4	2	18	6	0	0	0	0	0	0	0	0	0	0	0	0	2	7	7	7	7	0	0	10	20	0	2	
Aberdeen	Dyce	H.	3	193	1008.1	-	4.8	0.5	8.0	91	5.9	2	4	5	12	3	0	0	0	0	0	0	0	0	0	0	0	0	8	17	5	3	0	3	5	4	4	2	4	
			9	193	1008.3	-3.4	7.6	1.2	8.7	83	6.2	0	6	1	10	11	2	0	0	0	0	0	0	0	0	0	0	0	8	17	5	3	0	3	5	4	4	2	4	
			15	193	1008.4	-	9.3	2.1	8.7	73	6.5	0	1	8	9	12	0	0	0	0	0	1	1	2	10	4	6	6	0	8	22	0	0	0	1	3	11	9	3	0
			21	193	1008.9	-	6.2	0.7	8.6	89	5.9	0	5	6	5	10	4	0	1	1	2	1	4	11	8	2	0	0	4	20	6	1	0	4	8	6	1	1	3	
Fife	Ratray Head	H.	3	108	1007.2	-	5.6	0.8	8.1	89	6.4	0	1	5	14	8	2	0	0	0	0	0	0	0	0	0	0	0	4	20	6	1	0	4	8	6	1	1	3	
			9	108	1007.6	-	7.3	1.1	8.7	84	5.7	0	3	10	8	6	3	0	0	0	0	0	0	0	0	0	0	0	2	16	12	0	1	1	6	4	9	2	7	
			15	108	1008.0	-	8.0	1.5	8.7	80	5.8	0	1	11	11	4	3	0	2	0	1	0	0	0	0	0	0	0	2	14	14	0	0	0	9	4	9	0	2	
			21	108	1008.1	-	6.3	1.0	8.3	85	5.8	0	1	10	10	4	5	0	1	0	1	0	1	2	11	11	0	0	3	13	14	0	0	0	9	4	12	0	3	
Midlothian	Turnhouse	H.	3	38	1006.8	-	5.6	0.5	8.5	91	6.0	5	1	7	16	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	11	7	2	4	0	10	14	6	1	4
			9	38	1007.3	-4.8	8.0	1.0	9.3	85	6.4	0	1	5	9	13	1	0	0	0	0	0	0	0	0	0	0	0	5	9	5	8	2	0	0	10	16	4	1	4
			15	38	1007.1	-	9.9	1.7	9.7	79	6.5	0	3	2	15	9	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	8	7	7	6	0	1	8	11	0
			21	38	1007.4	-	6.9	0.7	9.1	90	5.9	0	4	7	4	14	1	0	0	0	0	0	0	0	0	0	0	0	1	1	13	9	2	3	0	1	5	16	8	0
Argyll	Tiree	H.	3	114	1007.0	-	5.7	0.5	8.6	91	6.2	0	3	6	6	14	1	0	0	0	0	0	0	0	0	0	0	0	1	2	11	10	3	1	0	0	4	17	9	0
			9	114	1007.7	-	8.4	1.4	9.1	81	6.6	0	3	3	10	14	0	0	0	0	0	0	0	0	0	0	0	0	1	6	10	6	4	2	0	8	17	5	0	
			15	114	1006.7	-	10.3	2.2	9.3	74	6.6	0	2	4	12	12	0	0	0	0	0	0	0	0	0	0	0	0	1	6	11	4	5	3	0	13	16	4	0	
			21	114	1007.5	-	7.3	1.0	8.9	86	5.8	0	7	3	5	15	0	0	0	0	0	0	0	0	0	0	0	0	5	11	6	4	1	0	0	5	15	10	0	
6a SCOTLAND, W.																																								
Argyll	Tiree	H.	3	34	1005.3	-	6.9	0.4	9.5	93	6.0	0	6	2	7	13	2	0	0	0	0	0	0	0	0	0	0	0	8	10	2	8	0	2	12	12	4	3	4	
			9	34	1005.8	-5.8	8.4	1.0	9.7</																															

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS APRIL 1961

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	0-4 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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																														34 or more	22 to 33	11 to 21	1 to 10									0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
4 MIDLAND COUNTIES—cont.		G.M.T.	ft.	mb.	mb.	°C.	°C.	mb.	%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS APRIL 1961

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 to 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	Beaufort Force					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.		
																														Speed in knots	7	8	9	10									11	12
2 ENGLAND, N.E.—cont.																																												
Northumberland—cont.	Tynemouth	H	3	130	1007.6	-	7.0	0.7	9.0	89	5.8	6	0	2	7	14	1	1	0	0	0	1	1	19	7	1	0	0	0	1	12	16	1	3	2	0	4	12	3	4	1	0		
			9	130	1008.3	-4.5	8.1	1.1	9.2	85	6.6	2	0	3	11	14	1	1	0	0	2	3	4	8	13	7	7	1	0	0	0	9	18	1	3	5	1	1	4	12	2	2	0	
			15	130	1007.9	-	9.0	1.4	9.4	81	6.6	0	1	5	12	11	1	1	0	0	0	0	0	7	13	8	1	0	0	0	0	9	18	1	3	3	3	1	1	4	12	2	2	0
			21	136	1008.1	-	8.0	0.9	9.4	86	6.5	4	0	1	5	12	11	1	1	0	0	0	0	0	7	13	8	1	0	0	0	2	13	14	1	6	1	0	1	4	12	2	2	0
Durham	Middleton St. George	H	3	118	1007.9	-	6.7	0.5	9.2	92	5.6	5	3	2	5	15	0	0	1	0	0	2	3	5	7	7	1	0	0	0	6	22	2	2	1	0	5	7	4	3	0			
			9	118	1008.6	-	8.6	1.2	9.5	84	6.6	0	2	7	4	17	0	0	0	0	0	1	2	7	11	6	1	2	0	5	21	4	6	1	0	5	7	4	3	0				
			15	118	1007.8	-	11.4	2.4	9.7	73	6.7	0	2	3	11	14	0	0	0	0	0	1	2	4	8	8	5	2	0	0	10	20	0	4	6	2	2	6	10	0	1	0		
			21	118	1008.4	-	8.3	0.9	9.6	87	6.8	0	3	3	4	19	1	0	0	0	0	1	1	2	4	8	7	2	1	0	7	18	5	5	0	4	5	9	0	2	0			
Yorks., N. Riding	Dishforth ...	H	3	131	1007.7	-	6.6	0.4	9.3	94	6.0	5	2	0	6	15	2	0	1	2	0	3	11	8	4	0	1	0	0	4	21	5	4	0	0	1	8	9	0	1	2	1		
			9	131	1008.3	-	8.4	1.0	9.6	87	7.2	0	1	3	6	20	0	0	1	1	0	2	9	11	4	1	1	0	0	5	25	0	8	0	2	9	7	1	2	1				
			15	131	1007.4	-	12.0	2.3	10.3	74	7.0	0	2	0	3	13	15	0	0	0	0	0	1	6	8	11	3	1	0	9	21	0	3	0	4	7	9	1	4	2	1			
			21	131	1008.1	-	8.4	0.7	10.0	90	7.0	0	2	4	2	21	1	0	0	0	0	2	3	9	11	3	1	1	0	9	21	0	3	0	6	9	5	1	2	4	2			
Yorks., E. Riding	Leconfield	H	3	28	1008.3	-	6.7	0.3	9.4	95	6.1	6	0	2	3	17	2	0	2	1	2	3	5	10	5	2	0	0	0	5	16	9	2	0	2	6	3	4	0	4	0			
			9	28	1008.9	-	9.3	1.1	10.1	86	6.7	0	1	3	12	14	0	0	0	2	2	3	8	12	6	1	1	0	0	11	15	4	2	3	2	6	5	3	3	2				
			15	28	1008.3	-	11.6	2.1	10.3	75	6.7	0	1	5	10	14	0	0	0	0	0	1	1	10	14	3	1	0	0	13	15	2	2	2	9	8	2	4	1	0				
			21	28	1008.8	-	8.3	0.7	9.9	90	6.2	1	4	2	10	12	1	0	0	0	1	2	8	11	7	1	0	0	0	5	19	6	3	1	3	7	5	4	0	1				
	Spurn Head	H	3	54	1008.2	-	8.1	0.5	10.0	92	4.9	4	5	5	4	12	0	0	0	0	0	0	5	24	1	0	0	0	0	8	12	10	1	1	2	4	7	2	2	1				
			9	54	1008.6	-4.5	9.0	0.7	10.3	89	5.5	2	5	3	11	9	0	0	0	0	0	0	3	5	21	1	0	0	0	9	12	9	1	0	2	7	4	2	3	2				
			15	54	1008.3	-	10.3	1.4	10.3	83	6.1	0	3	5	13	9	0	0	0	0	0	0	3	4	22	1	0	0	0	3	9	13	5	2	3	5	8	4	2	1	0			
			21	54	1008.8	-	8.7	0.9	10.0	88	5.4	1	5	7	8	9	0	0	0	0	0	0	2	4	24	0	0	0	0	2	7	13	8	1	1	5	5	8	2	0	0			
Lincoln	Waddington	H	3	227	1008.3	-	7.4	0.4	9.8	94	6.1	4	1	4	6	13	2	0	1	0	0	2	7	10	6	2	0	0	5	21	4	2	3	3	6	5	4	0	0					
			9	227	1008.9	-	9.3	1.0	10.3	88	6.3	0	3	6	7	13	1	0	0	0	1	3	3	17	2	3	1	0	7	21	2	1	3	3	4	5	6	2	4	0				
			15	227	1008.1	-	12.2	2.3	10.4	74	6.4	0	3	4	9	14	0	0	0	0	0	5	5	6	11	3	0	0	14	16	0	4	5	3	5	5	3	4	1	0				
			21	227	1008.8	-	8.7	0.7	10.2	91	6.1	0	3	7	7	13	0	0	0	0	1	3	4	10	10	2	0	0	8	19	3	1	1	8	4	8	4	1	0					
	Manby ...	H	3	47	1008.4	-	7.1	0.4	9.6	94	5.8	2	5	2	5	15	1	0	1	0	0	1	9	8	10	1	0	0	4	21	5	3	1	2	4	7	2	3	3					
			9	47	1009.0	-	10.0	1.3	10.4	84	6.1	0	5	5	7	13	0	0	0	0	0	5	10	12	2	1	0	0	13	15	2	4	1	2	9	6	2	1	3					
			15	47	1008.5	-	11.6	2.1	10.4	76	6.5	0	3	3	11	13	0	0	0	0	1	4	5	13	7	0	0	0	13	17	0	2	5	8	4	3	2	1						
			21	47	1009.0	-	8.3	0.8	9.9	90	5.9	1	6	2	6	14	1	0	1	0	0	0	2	6	7	12	2	0	0	10	15	5	3	2	1	8	9	2	0					
3 ENGLAND, E.																																												
Norfolk	Marham	H	3	89	1008.8	-	7.0	0.3	9.6	95	5.8	4	2	5	3	15	1	0	1	1	0	2	5	12	9	0	0	0	10	17	3	5	0	4	7	6	3	2	0					
			9	89	1009.3	-	10.2	1.2	10.5	84	6.4	0	3	3	11	13	0	0	0	0	0	0	1	1	9	13	4	2	0	0	11	17	2	4	2	3	6	5	2	1				
			15	89	1008.4	-	13.3	2.9	10.3	68	6.4	0	4	2	12	12	0	0	0	0	0	0	0	1	1	7	8	7	7	0	1	15	13	1	5	2	4	5	7	3	2			
			21	89	1009.3	-	9.1	0.9	10.2	88	5.9	1	3	7	4	15	0	0	0	0	0	0	2	3	9	8	8	0	0	0	10	18	2	2	4	8	3	7	2	0				
	West Raynham	H	3	263	1008.6	-	7.1	0.4	9.8	95	5.5	3	4	3	6	14	0	0	0	1	2	3	2	14	8	0	0	0	8	18	4	2	4	4	3	8	4	1	0					
			9	263	1009.1	-	9.8	1.2	10.4	85	6.4	0	2	5	10	13	0	0	0	0	0	0	1	2	11	9	7	0	0	12	17	1	0	7	3	6	6	4	3					
			15	263	1008.2	-	12.4	2.8	10.0	70	6.4	0	3	4	12	11	0	0	0	0	0	0	0	1	6	12	7	4	0	2	17	11	0	3	5	3	8	4	5	1				
			21	263	1009.1	-	8.3	0.8	9.8	88	5.5	1	5	6	5	13	0	0	0	2	1	3	11	11	2	0	0	0	0	13	17	0	3	6	5	6	6	2	0					
	Gorleston	H	3	26	1010.0	-3.7	8.3	0.5	10.2	92	4.0	10	4	2	3	10	1	0	1	0	0	0	2	16	11	0	0	0	0	7	22	1	2	1	2	3	10	4	3	4				
			9	26	1009.4	-	9.7	1.0	10.5	88	5.8	0	3	7	10	9	1	0	0	1	0	0	0	1	17	11	0	0	0	12	16	2	4	3	1	5	6	4	4	1				
			15	26	1009.4	-	10.4	1.2	10.7	85	6.3	0	1	6	14	9	0	0	0	0	0	0	0	1	23	6	0	0	0	1	16	12	1	1	4	6	3	12	1	0				
			21	26	1009.8	-	9.1	0.7	10.5	91	4.6	9	3	1	4	13	0	0	0	0	0	0	2	18	10	0	0	0	0	11	19	0	3	5	5	3	8	4	1					
Suffolk	Mildenhall	H	3	39	1008.6	-	7.7	0.6	9.7	91	5.4	6	1	5	4	13	1	0	1	1	2	2	12	8	0	0	0	0	2	22	6	0	3	4	3	6	5	3	0					
			9	39	1009.2	-	10.6	1.5	10.4	81	6.1	0	3	6	13	8	0	0	0	0	0	0	4	9	16	1	0	0	7	23	0	2	3	4	6	4	5	5	1					
			15	39	1008.2	-	14.0	3.3	10.4	66	6.6	0	2	6	7	15	0	0	0	0	0	0	3	6	9	12	0	0	0	11	18	1	4	2	2	7	4	5	3					
			21	39	1009.1	-	10.0	1.3	10.2	83	5.7	3	3	4	6	14	0	0	0	0	0	0	7	9	12	2	0	0	0	2	27	1	2	3	6	6	4	5	0					
	Felixstowe	H	3	16	1009.0	-	8.9	0.6	10.6	92	5.4	5	1																															

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS APRIL 1961

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.	1,000-2,100 yd.	2,200-4,300 yd.	3-8 mi.	7-12 mi.	13-24 mi.	25 mi. or over	Beaufort Force					Speed in knots																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
										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.	3-8 mi.	7-12 mi.	13-24 mi.	25 mi. or over	0	1	2	3	4	0	1	2	3	4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
G.M.T.		ft.	mb.	mb.	°C.	°C.	mb.	%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											

STATION	TOTAL RADIATION ON A HORIZONTAL SURFACE mw. hr./cm ²						DIFFUSE RADIATION ON A HORIZONTAL SURFACE mw. hr./cm ²						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	524	27	55	23	278.4	30	315	28	55	23	156.8	30	603	12	63	22	317.4	30
Eskdalemuir	493	8	34	9	255.0	30	290	19	33	9	173.4	28	457	8	42	9	249.4	30
Cambridge	549	24	102	28	314.9	30	341	19	94	28	207.8	30	-	-	-	-	-	-
Kingsway	503	24	67	3	258.6	30	336	6	67	3	199.4	27	487	21	74	3	264.8	28
Kew	549	24	68	3	263.8	30	278	19	64	3	185.0	30	562	24	84	3	290.7	30
Aberporth	666	26	122	12	375.3	30	340	23	122	12	239.2	30	-	-	-	-	-	-

TABLE VIII—NUMBER OF DAYS IN APRIL 1961 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°		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°
Lerwick	0	6	19	5	0	0	0	0	0	0	6	13	11	0	0	0	0	0	0	0	4
Stornoway	0	2	8	20	0	0	0	0	0	0	4	11	15	0	0	0	0	0	0	0	27
Craibstone	0	2	12	14	2	0	0	0	0	0	4	13	13	0	0	0	0	0	0	0	30
Rothsay	0	1	7	20	2	0	0	0	0	0	2	11	17	0	0	0	0	0	0	4	24
Renfrew	0	0	7	23	0	0	0	0	0	0	3	8	19	0	0	0	0	0	1	12	17
Eskdalemuir	0	1	8	19	2	0	0	0	0	1	4	7	18	0	0	0	0	0	5	25	0
Douglas	0	0	14	16	0	0	0	0	0	0	8	22	0	0	0	0	0	0	7	23	0
Cockle Park	0	0	11	15	4	0	0	0	0	0	3	12	15	0	0	0	0	0	0	0	0
Gorleston	0	0	7	22	1	0	0	0	0	0	5	25	0	0	0	0	0	0	4	9	17
Cambridge	0	0	1	11	18	0	0	0	0	0	11	16	3	0	0	0	0	0	3	10	17
Birmingham	0	0	5	21	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kew Observatory	0	0	1	19	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hastings	0	0	0	29	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Southampton	0	0	0	23	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stonyhurst	0	0	6	19	5	0	0	0	0	0	0	0	0	0	0	0	0	0	1	12	17
Bidston Observatory	0	0	5	19	6	0	0	0	0	0	0	0	0	0	0	0	0	0	5	25	0
Holyhead (Valley)	0	0	2	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	23	0
Falmouth	0	0	0	26	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aldergrove	0	1	6	18	5	0	0	0	0	0	0	0	0	0	0	0	0	0	4	9	17
Armagh	0	0	5	17	8	0	0	0	0	0	0	0	0	0	0	0	0	0	3	10	17

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			1 ft.	4 ft.	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	B			Maximum	Date	Minimum					Date	Amount	Date	0in. (0.2mm.) or more												0.04in. (1.0mm.) or more
				Max.	Min.																									
		G.M.T.	ft.	°C	F	°C	F	°C	F			in.	%	in.															hr	%
1959																														
NOVEMBER	BRIGHTON			53.2		48.3																								
ANNUAL	BRIGHTON			58.9		53.1																								
1960																														
JANUARY	WESTMINSTER			44.5	37.3	40.9	-0.2																							
"	WHITSTABLE			45.0		40.9																								
"	WYE			43.6		38.4	-0.3																							
FEBRUARY	EAST MALLING			46.2		40.2	+0.7																							
"	DERBY			44.8		39.3																								
MARCH	DROITWICH			49.6																										
"	WESTMINSTER			50.5						41	8																			
APRIL	FOLKESTONE			54.6		48.8																								
"	HAVERFORDWEST			54.3		48.3	+1.5																							
"	THROWLEY			54.5		46.9																								
MAY	GILLINGHAM			64.3		56.3																								
"	ILFRACOMBE			61.2																										
JUNE	CANNINGTON			69.7		59.3																								
"	EAST GRINSTEAD			66.6		61.6	+3.0																							
"	ILFRACOMBE																													

Monthly Weather Report

OF THE METEOROLOGICAL OFFICE

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

Volume 78 Number 5

Published by HER MAJESTY'S STATIONERY OFFICE



May 1961 — *Dry; damaging late frosts*

The first week was unsettled but thereafter weather was generally anticyclonic with pressure high over or near the British Isles from the 9th to the 17th, and to the north-west of the country during most of the latter half of the month.

For the most of the first week a complex depression was situated to the north-west of the British Isles and troughs and secondaries moved across the country in an unstable south-westerly airstream. A generally dull day on the 1st, with frontal rain in most areas, was followed by two brighter but showery days; there were fairly frequent thunderstorms on the 2nd. Thunderstorms were renewed on the 4th in the Midlands and eastern England as a wave depression, which formed south of Ireland during the afternoon, moved north-east to reach the northern North Sea the following morning. Rain was heavy over much of England and Wales, and at many places it was the wettest day of the month with over 1 inch in 24 hours. The 5th was fine and sunny nearly everywhere, but a deepening depression moving rapidly across the Atlantic became situated off north-west Scotland on the 6th and an associated trough brought further rain to most districts of the British Isles on that day. The depression moved slowly eastwards, skirting the north coast of Scotland, to southern Norway during the next two days; a ridge of high pressure formed behind it to the west of Ireland. Winds freshened, slowly veering from west to north-west, and reached gale force in many places, especially in the north, on the 8th. Showers were frequent with local thunder on the 7th but shower activity decreased markedly on the 8th and there was over 12 hours of sunshine in parts of eastern England.

An anticyclone in the South-west Approaches intensified and moved northward becoming centred over Ireland on the 9th, pressure in the neighbourhood of the British Isles subsequently remaining high until about the 17th. Weather became fine and dry nearly everywhere and this proved to be the beginning of a spell without measurable rain which lasted over most of the country for more than two weeks. Temperature rose progressively during the next few days; the 12th and 13th were the warmest days of the month with afternoon temperatures exceeding 23°C at many places.

On the 13th the anticyclone drifted southward into France and cloudy weather, associated with a weak trough, moved into northern Scotland. The next day there were many cloudy periods, especially in eastern coastal areas, but in the south-west many places had 12 to 13 hours of sunshine daily from the 10th to the 14th.

By the 15th the centre of highest pressure had been transferred to the north of the British Isles. With winds from between east and north, weather became generally cooler during the third week of the month. Ground frost was widespread on the morning of the 17th and 18th. Westerly winds, associated with a deep depression moving eastwards from Iceland, set in over Scotland on the 23rd but this was only a temporary backing ahead of an outburst of Arctic air which spread over the whole country on the 24th and 25th. The northerly winds brought snow and hail showers to Scotland on the 26th and 27th. Ground frost was widespread again on the mornings of the 27th and 28th with air frost in several areas particularly in central and southern England where severe damage was done to crops in many places.

Weather was dull on the 29th with rain in many places as a depression moved southward off the west of Ireland. During the last

two days of the month it became somewhat milder as winds changed to south-east and on the 31st wet weather began to spread westwards from the North Sea over the country.

Pressure and Wind — Mean pressure was above the average everywhere the excess at 9h ranging from 0.3 mb at Lerwick to 2.9 mb at Plymouth. Surface winds were predominantly south-westerly until the 6th, westerly on the 7th and 8th, light and variable on the 9th-14th and mainly between east and north on the 15th-21st, after which they became variable or northerly until the 29th and mainly easterly during the last two days of the month. Winds reached gale force on five days in Scotland and on six days (2nd, 3rd, 6th-9th) in England and Wales. Gales were fairly widespread on the 8th with gusts reaching 54 kt and 59 kt at Tiree and Durham respectively.

Temperature — Mean temperature was close to the 1921-50 average in all districts, the deviation being -0.2°C in England and Wales, +0.3°C in Scotland and 0.0°C in Northern Ireland. The latter part of the month was rather cold particularly in eastern Britain with easterly and northerly winds. Air-frost was widespread on the 27th and 28th.

Extremes included: (England and Wales) 24.4°C at Llandrindod Wells on the 13th, -6.7°C at Santon Downham on the 31st; (Scotland) 23.3°C at Loch Tay on the 21st, -5.8°C at Glenlivet on the 27th; (Northern Ireland) 22.8°C at Lislap Forest on the 13th, 0.0°C at Loughgall and Lislap Forest on the 28th.

Precipitation — The notable feature of the month was the dry weather which persisted after an opening wet week. The general rainfall expressed as a percentage of the 1916-50 average was 64 over England and Wales, 71 over Scotland and 103 over Northern Ireland. Most of the month's rain fell during the first eight days, virtually the whole of Britain being without measurable rain from the 9th to the 24th. Less than 25 per cent of the average occurred in the Exeter, Huntingdonshire and Bedford areas while more than 150 per cent of the average was recorded locally in the southern Antrim mountains.

Snow or sleet was reported here and there in Scotland on nine days (6th-9th, 24th-27th and 29th), and ground was snow-covered for a time at Balmoral, on the 26th. There were sleet showers over high ground in North Wales on the 27th.

Thunder was reported on six days in Scotland and on nine days (2nd, 5th, 7th, 9th, 11th, 28th and 29th) in England and Wales. Thunderstorms were widespread on the 2nd and 4th.

Sunshine — The general sunshine expressed as a percentage of the 1921-50 average was 111 in England and Wales, 106 in Scotland and 98 in Northern Ireland. In parts of Cornwall sunshine was more than 130 per cent of the average and at Newquay it was the sunniest May since 1948.

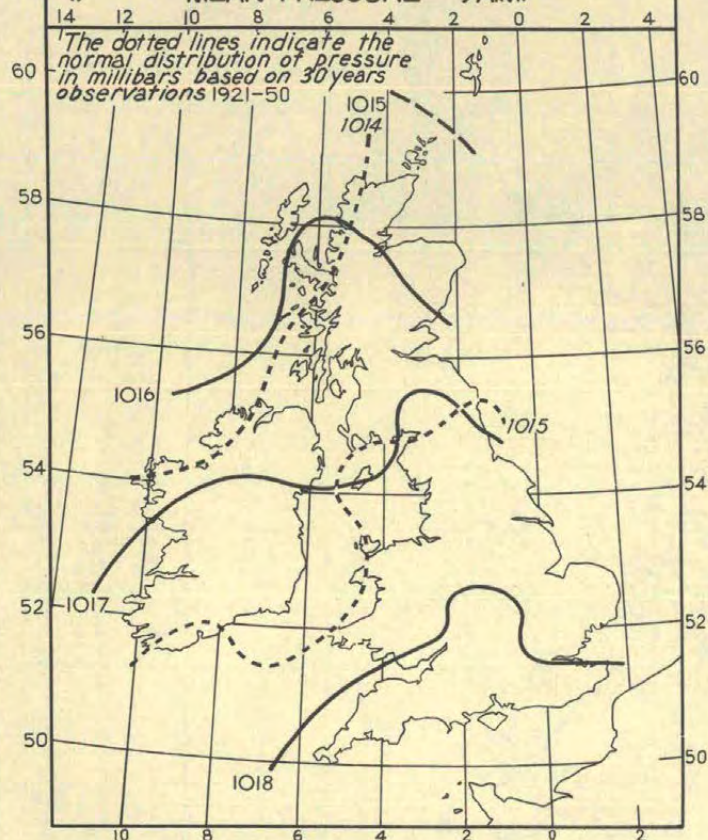
Fog — In Scotland early morning fog was reported at one place or another on 7 days and in England and Wales on the 1st, 4th, 5th, 10th, 14th and 20th (6 days).

Miscellaneous Phenomena — The aurora was visible in Scotland on 10 nights; it was seen as far south as Hurn on the night of the 8th/9th.

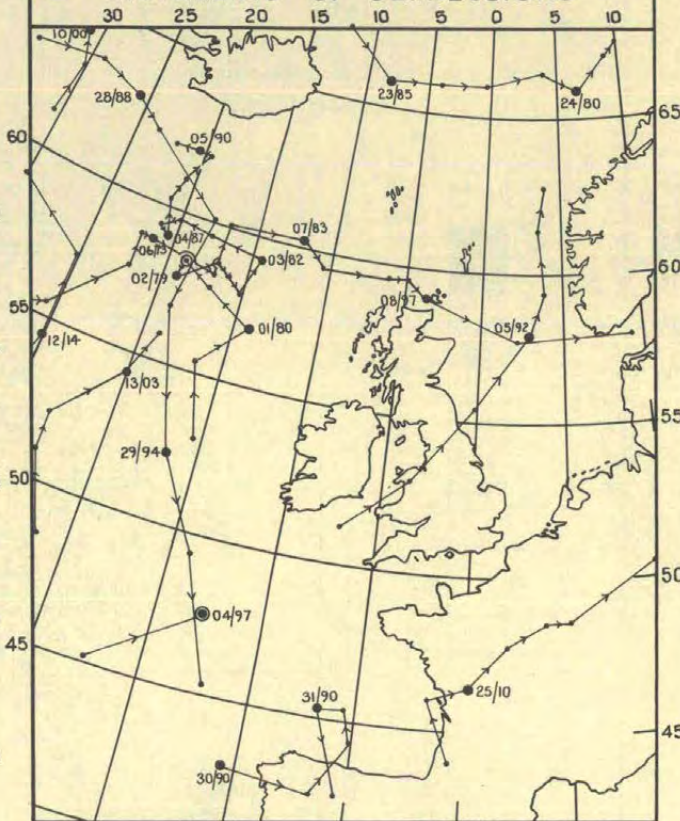
MONTHLY WEATHER CHARTS

MAY 1961

1. MEAN PRESSURE 9 A.M.

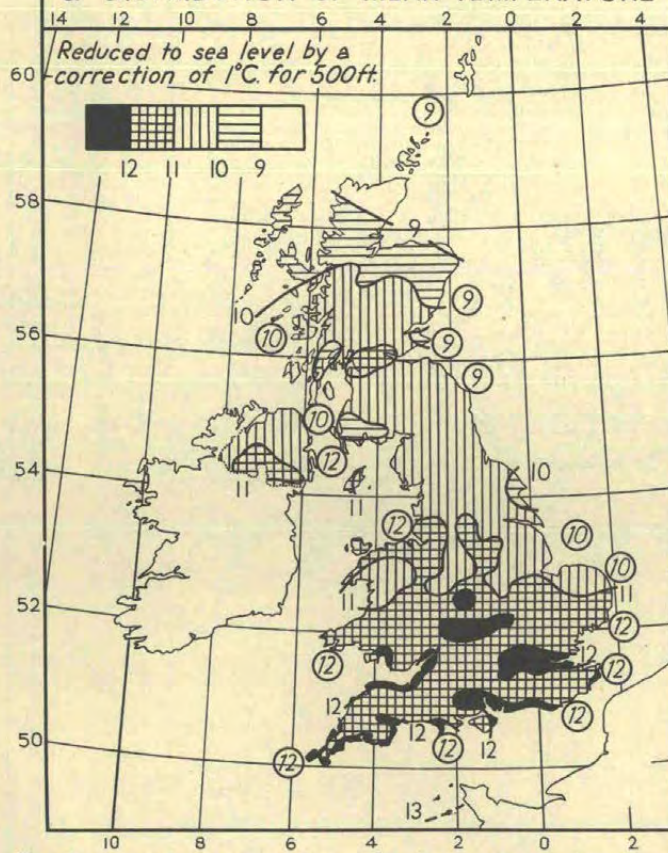


2. MOVEMENTS OF DEPRESSIONS

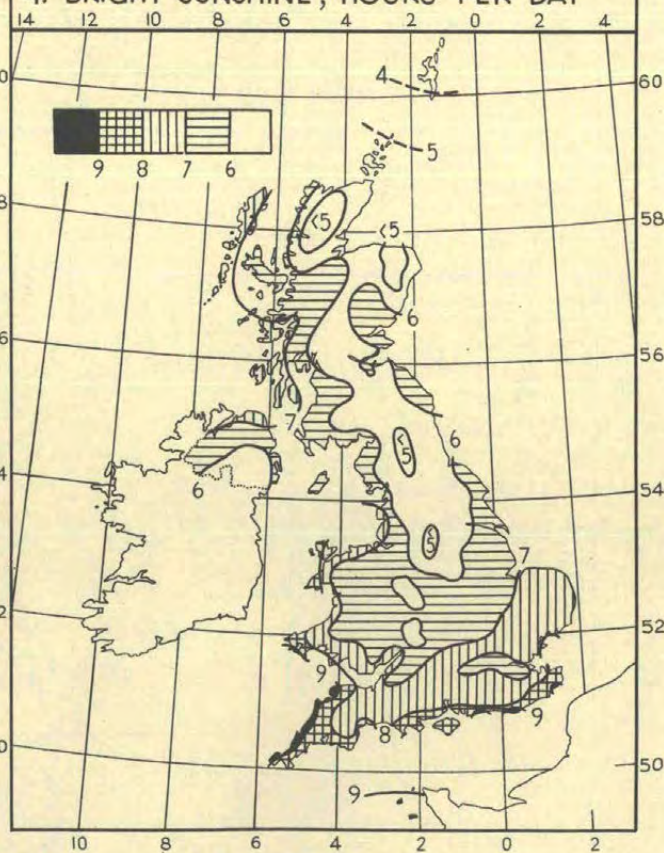


Positions of centres shown thus: ● at 12h.
First two figures show date, last two central pressure (mb)

3. DISTRIBUTION OF MEAN TEMPERATURE



4. BRIGHT SUNSHINE, HOURS PER DAY



RAINFALL

MAY 1961

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

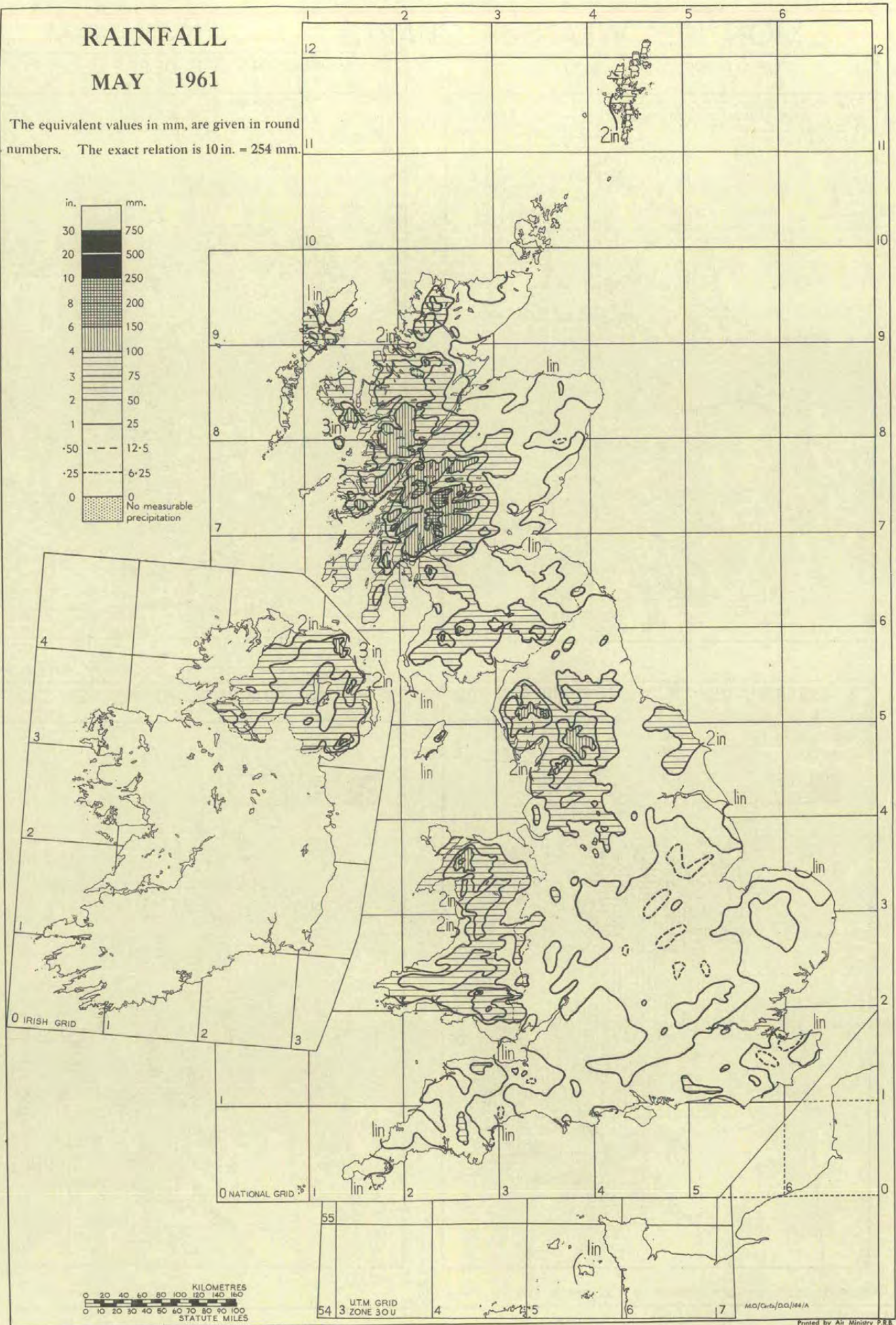
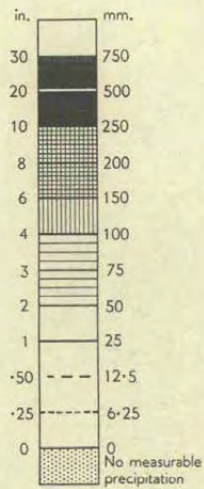


TABLE III—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER MAY 1961

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				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					Amount	Date	-0.1in (0.2mm) or more	-0.01in (1.0mm) or more													
			Max.	Min.			Max.	Date	Min.	Date																					
G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.														hr	%				
0 SCOTLAND, N.																															
Zetland	Lerwick Obs'y. §§	21-9	289	9.9	5.4	7.7	+0.1	12.8	7	0.7	26, 28	-	-	2.41	110	.47	4	18	12	2	0	0	0	1	0	2	0	4	1	3.79	73
	Baltsound ...	9 9	78	10.4	5.4	7.9	-	13.3	6, 7	0.6	28	7.6	-	2.33	97	.45	4	15	11	4	0	0	0	0	2	0	-	1	3.62	-	
Orkney	Sule Skerry ...	9 9	43	10.8	7.4	9.1	-	12.5	19	3.5	26	-	-	1.00	-	.30	7	14	8	0	0	0	0	0	1	0	4	0	-	-	
	Kirkwall (Grimsetter) ...	21-9	84	11.4	5.5	8.5	-	13.9	2	1.1	28	-	-	1.64	85	.50	26	12	7	2	0	4	0	1	2	0	4	0	5.48	-	
Calthness	Dounreay ...	9 9	70	11.4	5.6	8.5	-	14.4	1	0.0	28	-	-	.78	-	.17	8	16	7	0	0	0	0	0	0	1	7	0	-	-	
	Halkirk (Olgrinbeg) ...	9 9	232	12.2	3.6	7.9	-	16.1	11	-4.4	13	-	-	.81	-	.18	8	12	8	0	0	0	0	0	1	6	-	0	-	-	
	Wick ... §§	21-9	119	11.5	5.5	8.5	+0.4	16.7	11	-1.6	28	-	-	1.28	71	.38	26	8	6	1	0	0	3	1	0	1	7	0	5.73	102	
Sutherland	Cape Wrath ...	21-9	367	10.0	6.2	8.1	-	15.0	1	2.5	26	-	-	1.17	45	.34	7	11	7	0	0	0	0	0	0	0	1	0	-	-	
	Lairg (Achany) ...	9 9	240	13.6	3.6	8.6	-	16.7	11	-1.7	15, 27	9.8	8.0	.98	-	.29	8	13	8	2	0	1	0	0	0	0	6	21	0	-	-
	Strathay ...	9 9	120	12.1	4.3	8.2	-	15.6	1, 11	-1.5	13	-	-	.95	48	.17	24	18	12	2	0	0	3	1	0	3	-	0	4.97	-	
Ross & Cromarty	Stornoway §§	21-9	11	12.7	6.3	9.5	+0.5	14.9	5	-2.1	27	-	-	1.69	74	.48	7	12	10	0	0	0	2	0	0	1	7	0	7.09	116	
	Balmacara ...	9 9	2	14.2	6.6	10.4	-	18.3	13	(2.2)	27	-	-	2.93	-	.65	6	17	5	-	-	-	-	-	-	-	-	-	-	-	
	Achnashellach ...	9 9	220	14.1	4.1	9.1	-0.6	18.3	15	-2.8	27	-	-	3.12	82	1.00	7	16	11	0	0	0	1	0	0	2	-	0	-	-	
	Kinlochewe ...	9 9	76	14.2	5.3	9.7	-	20.0	15	-3.3	27	-	-	3.55	-	1.08	6	15	9	0	0	0	1	0	0	2	10	0	4.55	-8	
	Garve (Blackbridge) ...	9 9	690																												
	Fortrose ... §§	9 9	15	12.9	4.4	8.7	-0.3	17.8	11	-0.5	26, 27	-	-	.75	39	.20	3	9	4	0	0	0	0	0	0	2	-	0	5.92	108	
	Tarbatness ...	21-9	60	12.1	7.5	9.8	-	16.0	3	4.0	26	-	-	.20	-	.09	4	10	1	0	0	0	0	1	0	0	-	0	-	-	
Inverness	Benbecula ...	21-9	19	12.9	6.6	9.7	-	17.0	15	-0.5	27	-	-	1.23	45	.33	6	14	8	0	0	0	1	0	0	1	8	2	6.91	-	
	Isle of Rhum ...	9 9	15	13.8	6.3	10.1	-	18.3	14	-0.5	27	12.3	10.2	2.95	-	.72	1	12	9	0	0	0	2	1	0	1	5	2	-	-	
	Prabost ...	9 9	220	13.4	5.7	9.5	-	18.3	13	1.1	27	-	-	2.36	-	.67	7	16	9	0	0	1	0	1	0	0	8	1	6.48	-	
	Duntulm ...	9 9	294	11.8	6.4	9.1	-	16.7	13	1.7	27	-	-	1.65	57	.47	1	11	8	0	0	1	0	0	0	4	1	6.61	-		
	Onich ... §§	9 9	48	14.2	5.6	9.9	-0.3	20.0	13	-0.5	27	-	-	3.46	85	.83	7	10	9	-	-	-	-	-	0	2	16	-	7.15	137S	
	Fort William (Camaghael) ...	9 9	27	15.1	5.4	10.3	-	20.6	13	-1.7	27	12.1	10.8	3.53	-	1.01	7	13	9	0	0	0	2	0	0	3	9	0	6.81	-	
	Fort Augustus ...	9 9	70	13.8	5.4	9.6	+0.2	17.8	10, 11	-2.2	27	-	-	2.83	-	1.17	7	9	7	1	0	0	0	0	0	1	-	0	6.04	-	
	Cannich ...	9 9	350	14.7	4.2	9.5	-	20.0	21, 22	-1.7	1, 21	-	-	2.83	133	.76	4	11	10	0	0	0	0	0	0	3	17	0	-	-	
	Dalwhinnie ...	18-9	1176	-	-	-	-	-	-	-	-	-	-	2.77	96	.83	7	12	10	-	-	-	-	-	-	-	-	-	-	-	
	Inverness ...	9 9	13	14.0	6.3	10.1	-	18.9	22	0.0	27	-	-	.84	-	.21	3	6	6	0	0	0	0	0	0	1	4	0	6.49	-	
	Achnagoichan ...	9 9	1000	13.9	3.2	8.5	-	18.9	13, 14	-4.4	27	8.4	-	1.10	-	.24	7	11	11	-	-	-	-	-	5	19	-	-	-	-	
	Glenmore Lodge ...	9 9	1120	13.0	2.3	7.7	-	18.8	13	-4.5	27	-	-	1.09	-	.24	8	15	8	0	0	1	1	0	0	9	17	0	5.55	-	
1 SCOTLAND, E.																															
Nairn	Nairn ... §§	9 9	20	13.6	4.7	9.1	-0.2	19.4	11	-1.1	16	-	-	.91	46	.42	4	11	5	0	0	0	0	0	2	14	0	5.87	109		
	Grantown-on-Spey ...	9 9	720	13.9	2.4	8.1	-	19.4	11	-3.3	27	-	-	1.41	-	.68	8	10	7	-	-	-	-	-	0	7	16	-	-	-	
	Forres ...	9 9	155	13.7	4.9	9.3	-	18.3	11	-1.7	27	11.3	9.4	.56	30	.21	4	7	5	0	0	1	0	0	0	1	6	0	5.36	-	
	Kinloss ...	21-9	15	13.6	5.1	9.3	-	17.5	11	-0.2	30	-	-	.74	-	.25	8	9	4	0	0	0	2	0	0	1	22	0	5.19	-	
	Elgin ...	9 9	92	13.6	5.8	9.7	-	18.3	11	1.1	28, 30	-	-	.63	-	.29	4	9	3	0	0	0	0	0	0	5	0	5.61	-		
	Lossiemouth ...	9 9	21	12.9	5.2	9.1	-	16.7	4	-0.5	28	-	-	.62	-	.29	4	5	4	1	0	2	0	1	0	1	4	0	-	-	
	Gordon Castle ...	9 9	104	13.6	4.3	8.9	-0.9	17.2	11	-1.7	28, 30	-	-	.75	36	.23	8	9	5	-	-	-	-	4	-	-	4.95	89			
Banff	Glenlivet ...	9 9	1085	12.5	2.1	7.3	-	18.1	11	-5.8	27	7.6	-	1.31	49	.46	8	13	7	3	0	2	0	0	0	10	20	0	5.28	-8	
Aberdeen	Braemar ...	9 9	1113	13.1	3.3	8.2	+0.3	20.0	21	-2.8	27	-	-	1.44	55	.33	4	13	9	-	-	-	-	-	0	5	15	-	6.44	-	
	Balmoral ...	9 9	927	12.9	3.1	8.0	+0.1	20.0	11	-3.3	27	-	-	1.11	45	.38	8	12	8	1	1	0	0	0	-	9	14	0	-	-	
	Logie Coldstone ...	9 9	608	13.8	3.7	8.7	0.0	21.1	11	-1.1	29, 30, 31	-	-	.72	-	.23	8	11	7	-	-	-	-	-	5	-	-	-	-	-	
	Huntly ...	9 9	405	12.9	4.4	8.7	-	18.6	11	-2.1	30	-	-	1.17	-	.36	8	9	8	0	0	0	2	0	1	6	0	-	-	-	
	Fyvie Castle ...	9 9	218	12.9	4.4	8.7	-	18.3	11	-2.2	30	-	-	.79	-	.23	8	11	7	-	-	-	-	-	3	10	-	-	-	-	
	Craigstone §§	9 9	300	12.4	4.9	8.7	0.0	17.8	11	-0.5	30	9.7	8.5	.74	28	.15	25	8	7	1	0	2	0	0	1	8	0	5.25	91		
	Dyce ...	21-9	190	12.8	4.6	8.7	-	18.3	11	-1.9	30	-	-	.68	24	.17	4	8	7	2	0	1	1	0	0	2	8	0	5.20	-	
	Aberdeen ...	9 9	170	12.6	5.4	9.0	-	16.7	11	-0.5	30	-	-	1.04	40	.23	25	9	7	2	0	3	0	1	0	1	6	0	5.44	-	
	Udny ...	9 9	383	12.2	4.8	8.5	-	17.2	11	-1.1	30	-	-	.73	-																

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER MAY 1961

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		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.		1 ft.	4 ft.		in.	%	in.	in.												in.	in.	in.	in.
1 SCOTLAND, E.—cont.																																
Midlothian	Penicuik	9 9	620	14.1	4.9	9.5	-	20.0	21	-1.1	27	11.4	-	1.23	-	.22	1	12	9	0	0	0	0	0	2	5	0	5.97	-8			
cont.	Bush House	9 9	605	13.2	5.3	9.3	-	18.9	21	-1.1	27	10.6	8.9	1.22	-	.24	26	12	8	2	0	0	0	0	1	5	1	-	-8			
	Edinburgh—																															
	Blackford Hill	9 9	441	13.8	6.7	10.3	+0.8	18.9	11	1.7	27	-	-	.91	41	.20	1	11	8	0	0	0	0	0	0	2	0	6.45	116			
	Liberton	9 9	200	14.4	6.6	10.5	-	19.4	21	0.6	27	-	-	.82	-	.22	1	9	8	0	0	0	0	0	0	0	5	1	5.78	-		
	Botanic Garden	9 9	74	14.3	6.4	10.3	-	18.3	11	0.6	27	11.2	-	.81	-	.18	1	11	7	0	0	0	0	0	1	0	6	0	6.23	-		
E. Lothian	Haddington	9 9	162	14.2	5.5	9.9	-	18.9	12	-1.7	27	-	-	.59	-	.13	1	11	6	0	0	0	0	0	0	1	5	0	5.55	-		
	North Berwick	9 9	51	14.6	7.1	10.9	+1.2	18.9	11	3.3	27	-	-	.80	38	.19	29	10	8	0	0	0	0	0	0	0	0	0	5.77	100		
	Dunbar	9 9	75	13.2	7.2	10.2	-	18.3	11	1.7	27	-	-	.66	-	.25	4	10	7	0	0	1	0	0	0	0	0	0	7.24	-		
Berwick	Marchmont	9 9	498	13.3	5.8	9.5	+0.2	18.9	11	0.6	27, 28	-	-	.95	43	.31	4	12	6	0	0	1	0	0	0	0	0	2	6.29	1168		
	St. Abb's Head	9 9	245	11.1	7.5	9.3	-	15.5	12	3.9	29	-	-	.99	-	.35	4	10	7	0	0	0	0	0	0	0	0	1	-	-		
Peebles	Broughton	9 9	741	13.6	4.4	9.0	-	19.4	13	-1.1	21	-	-	1.76	-	.32	7	12	8	0	0	2	0	0	0	0	3	11	0	-		
	Blyth Bridge	9 9	830	13.1	4.8	8.9	-	17.2	11, 13, 21	-0.5	27	-	-	1.04	-	.32	7	11	8	1	0	0	0	0	0	1	14	0	5.61	-		
	West Linton	9 9	800	13.1	4.6	8.9	-	18.3	11, 21	0.0	21, 27	10.7	8.9	1.30	-	.36	7	12	9	0	0	3	0	0	0	2	8	0	-	-		
	Peebles	9 9	645	14.0	4.7	9.3	-	18.9	21	-0.5	27	-	-	1.30	-	(.29)	7	11	9	0	0	0	0	0	0	1	4	0	4.68	-		
	Peebles (Glentress)	9 9	580	13.7	4.8	9.3	-	18.9	21	-1.1	27	-	-	1.52	-	.31	7	11	9	0	0	1	0	0	0	1	0	0	-	-		
Selkirk	Selkirk (Bowhill)	9 9	600	14.5	4.7	9.6	-	19.4	11, 21	-0.5	27, 31	-	-	1.40	-	.29	4	10	10	0	0	1	1	0	0	2	1	-	-	-		
Roxburgh	Hawick (Wauchope)	9 9	560	14.5	4.8	9.7	-	21.1	11, 12	-1.1	31	-	-	1.49	-	.37	7	10	9	-	0	-	-	-	0	3	-	-	-	-		
	Sourhope	9 9	900	13.0	4.8	8.9	-	18.3	11	0.0	27	-	-	.82	-	.32	4	13	5	0	0	0	0	0	0	1	6	0	5.66	-		
6a SCOTLAND, W.																																
Argyll	Tiree	9 9	21-9	29	12.8	7.3	10.1	+0.4	16.4	13	1.7	27	-	-	1.84	72	.61	1	9	8	0	0	0	0	1	0	0	0	4	0	7.59	102
	Rhuvaal	9 9	21-9	65	12.6	7.7	10.1	-	17.7	13	5.2	27	-	-	2.78	-	.58	1	12	10	0	0	0	0	0	0	0	0	0	-	-	
	Colonsay	9 9	87	13.5	6.3	9.9	-	18.3	13	1.7	26	-	-	1.78	60	.44	1	12	8	1	-	2	0	0	0	0	0	0	3	-	-	
	Campbeltown	9 9	10	13.5	6.6	10.1	-	16.7	11, 12	3.9	29	-	-	2.30	-	.61	30	14	10	-	-	-	-	-	-	-	-	-	7.26	-		
	Tarbert (Achaglachgach)	9 9	40	14.6	4.8	9.7	-	18.9	13	0.6	27	-	-	2.96	-	.72	3	14	13	0	0	1	0	3	0	0	13	0	-	-		
	Oban	9 9	229	-	-	-	-	-	-	-	-	-	-	3.32	104	.69	6	15	10	-	-	-	-	-	-	-	-	-	-	-		
	Lepinmore	9 9	30	-	5.5	-	-	-	-	1.1	25, 27, 28	-	-	2.77	-	.62	5	12	9	0	0	0	0	0	1	0	3	0	6.79	-		
	Glenbranter	9 9	120	14.7	4.7	9.7	-0.3	19.4	11	-0.5	25, 27, 28	-	-	4.63	94	1.31	6	11	11	-	-	-	-	0	4	-	-	-	-	-		
	Benmore (Forestry Sch.)	9 9	46	15.3	5.3	10.3	-	19.4	12, 20	0.6	26	11.1	10.2	5.15	106	1.17	6	12	12	0	0	0	0	0	0	1	0	16	0	-	-	
	Benmore (Younger Bot. Gdn.)	9 9	40	14.8	5.9	10.3	-	18.9	13, 21	0.6	26	-	-	5.15	-	1.12	6	13	13	0	0	1	3	0	0	0	5	0	-	-	-	
Bute	Lochanraza	9 9	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Rothsay	9 9	150	14.3	6.9	10.6	+0.5	18.9	13	3.9	25, 27	11.5	10.0	2.26	65	.48	7	13	10	0	0	0	0	0	0	0	1	0	6.83	114		
	Millport	9 9	16	14.1	7.7	10.9	-	18.3	13	4.4	26, 27	-	-	2.32	81	.65	7	10	9	0	0	0	0	0	0	0	0	2	-	-	-	
Dunbarton	Helensburgh	9 9	283	15.0	5.9	10.5	+0.4	20.0	21	0.0	27	-	-	2.62	74	.50	7	12	11	0	0	0	0	0	0	0	1	-	0	-	-	
Stirling	Stirling	9 9	151	15.0	6.8	10.9	+0.5	21.7	21	1.7	27	12.6	9.1	2.63	100	.50	1	14	13	1	0	0	0	0	0	0	0	1	-	-	-	
	Falkirk	9 9	100	15.3	6.3	10.8	-	(20.6)	21	1.7	27	-	-	1.39	-	.32	29	12	8	-	-	-	-	0	0	0	0	-	-	-	-	
Renfrew	Greenock	9 9	200	14.8	7.3	11.1	+0.5	18.3	21	3.3	27	-	-	2.35	65	.61	7	11	10	0	0	0	0	0	0	0	4	1	6.34	-		
	Paisley	9 9	108	15.9	7.3	11.6	+0.7	20.6	12, 21	3.3	27	11.9	9.9	2.06	74	.47	7	12	11	0	0	0	0	0	0	0	0	4	0	5.98	108	
	Barrhead	9 9	97	14.6	6.1	10.3	-	17.2	11, 13, 21	0.6	27	-	-	2.07	-	.60	7	12	9	0	0	0	0	0	0	0	0	6	0	-	-	
	Renfrew	9 9	26	15.2	6.5	10.9	+0.7	19.4	21	2.2	27	-	-	1.71	65	.33	7	14	12	0	0	1	0	1	0	0	7	0	5.73	103		
Lanark	Thorntonhall	9 9	453	13.9	5.4	9.7	-	17.8	21	0.0	27	-	-	1.99	-	.60	7	11	9	0	0	0	0	0	0	0	1	13	0	-	-	
	Glasgow, Spr. Pk.	9 9	351	14.8	6.2	10.5	-	19.4	21	1.1	27	-	-	1.61	59	.36	7	12	10	0	0	1	0	1	0	0	6	0	5.31	-		
	Coatbridge	9 9	256	15.3	6.1	10.7	-	21.7	18	0.6	27	-	-	1.38	-	.49	7	11	9	0	0	0	0	0	0	0	0	0	-	-	-	
	Coalburn (Midtown)	9 9	707	13.6	3.7	8.7	-	18.8	13	-2.0	21	10.9	-	1.84	-	.56	7	12	10	0	0	1	0	1	0	5	7	0	5.96	-		
	Lowther Hill	9 9	2377	8.8	1.8	5.3	-	13.5	13	-3.0	26	-	-	-	-	-	-	-	-	-	-	-	-	1	9	8	4	5.18	-	-		
	Leadhills	9 9	1270	12.9	3.1	8.0	-	17.8	13	-2.2	28	-	-	2.59	-	.70	6	12	10	1	0	0	1	0	1	0	7	13	0	-	-	
	Carnwath	9 9	706	13.5	4.4	8.9	-	18.3	13	-1.1	21	-	-	1.16	-	.33	7															

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER MAY 1961

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. 0°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			0.01in. (1.0mm.) or more	in.												%	in.	Date	
			Max. Min.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.											hr	%				
2 ENGLAND, N.E.—cont.																															
Northumberland cont.	Acklington ...	21-9	138	13.3	6.0	9.7	-	20.0	12	-0.2	27	-	-	1.33	-	.56	4	9	6	0	0	1	0	0	0	1	3	1	5.92	-	
	Tynemouth ...	21-9	95	12.4	7.4	9.9	+0.4	19.5	12	3.2	27	-	-	1.81	91	1.21	4	8	5	0	0	0	0	0	0	1	2	1	5.64	-	
	Chopwellwood ...	9 9	446	13.4	5.7	9.5	-0.2	20.6	11	0.6	31	-	-	1.67	78	.85	4	11	6	0	0	1	0	0	0	0	9	0	-	-	
	Ushaw College ...	9 9	594	13.2	5.8	9.5	-0.2	20.0	11, 12	1.7	27	-	-	2.20	99	.90	4	9	7	0	0	0	0	1	0	0	0	0	-	-	
	Houghall ...	9 9	123	13.8	5.3	9.5	-0.4	21.1	12	-1.7	31	-	-	2.21	104	1.27	4	10	7	0	0	0	1	0	0	1	9	0	5.51	105	
	Durham ...	9 9	336	13.8	5.8	9.8	0.0	21.7	11, 12	0.6	31	11.1	9.3	1.90	94	.94	4	12	7	-	-	-	-	-	0	7	-	-	97	-	
	Gateshead ...	9 9	509	12.9	6.6	9.7	-	18.3	11, 12	2.8	27	-	-	1.76	-	.89	4	8	6	-	-	-	-	0	0	1	-	-	5.46	-	
	Middleton St. Gge. ...	21-9	115	14.3	6.1	10.2	-	21.6	12	1.4	31	-	-	1.55	-	.67	4	12	5	0	0	0	0	1	0	0	3	0	5.67	-	
	West Hartlepool ...	9 9	30	13.7	7.5	10.6	-	21.7	12	3.3	27	-	-	1.60	-	.61	31	8	7	0	0	1	0	2	0	0	0	1	5.79	-	
	Hawes ...	-	745	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Yorks., N. Riding	Dishforth ...	21-9	105	14.9	6.3	10.6	-	21.2	12, 13	2.3	28	-	-	1.37	71	.35	4	10	7	0	0	0	0	2	0	0	1	0	6.00	-	
	York ...	9 9	57	14.9	6.7	10.8	-0.5	21.7	12	2.2	31	12.1	10.3	1.70	86	.58	4	9	8	0	0	0	0	2	0	0	2	5.82	104	-	
	Ampleforth ...	9 9	313	13.7	6.3	10.0	-0.3	20.6	12	2.8	27, 28	-	-	1.58	72	.43	1	8	7	-	-	-	-	0	0	1	-	-	-	-	
	Redcar ...	9 9	25	13.9	7.4	10.7	-	21.7	12	3.3	31	-	-	1.23	68	.63	31	11	5	0	0	0	0	1	0	0	0	1	6.24	-	
	Whitby ...	9 9	135	13.2	6.7	9.9	-	20.6	12	1.1	31	-	-	1.64	86	.54	1	7	5	0	0	1	0	1	0	0	3	0	6.03	-	
	Scarborough ...	9 9	118	13.8	7.5	10.7	+0.2	22.2	12	3.9	27	-	-	2.17	118	.58	31	11	7	0	0	0	0	1	0	0	0	0	6.36	113	
	Silpho Moor ...	9 9	665	12.8	5.1	8.9	-	22.2	12	1.1	27	9.8	-	2.64	-	.77	31	16	10	0	0	2	0	1	0	0	0	0	-	-	
	High Mowthorpe ...	9 9	574	12.7	5.0	8.9	-	19.4	12	-0.5	27	10.6	-	2.29	-	.53	1	11	8	0	0	4	0	1	0	1	9	0	5.48	-	
	Hull ...	9 9	8	14.5	6.8	10.7	-0.5	22.8	12	2.2	29	11.7	9.3	1.91	98	.62	31	9	7	0	0	0	0	1	0	0	4	1	6.15	112	
	Leconfield ...	21-9	24	14.3	6.1	10.2	-	22.2	12	1.1	29	-	-	1.39	-	.29	31	9	8	0	0	0	0	2	4	0	0	0	6.51	-	
Yorks., E. Riding	Filey ...	9 9	122	12.6	6.4	9.5	-	21.7	12	1.7	29	-	-	3.22	-	1.18	4	12	9	0	0	2	0	2	0	0	1	1	6.82	-	
	Bridlington ...	9 9	157	12.8	5.9	9.3	-	21.7	12	1.7	27	-	-	1.71	-	.47	27	10	6	0	0	0	0	1	0	0	5	6.73	-		
	Spurn Head ...	21-9	29	13.3	8.1	10.7	+0.3	21.0	12	4.5	28	-	-	.89	-	.44	27	8	4	0	0	0	0	1	0	0	1	6.58	108		
	Gainsborough ...	9 9	110	15.1	5.9	10.5	-	22.2	12	1.7	29, 31	-	-	.89	-	.25	2	7	7	0	0	0	0	1	0	0	0	-	-		
	Waddington ...	21-9	224	14.4	6.2	10.3	-	22.5	12	1.5	29	-	-	.74	-	.21	27	8	7	0	0	1	0	1	0	0	3	0	6.70	-	
	Lincoln ...	9 9	22	15.1	5.1	10.1	-	22.8	12	-3.3	27	11.8	10.3	.55	-	.19	1	10	6	0	0	1	0	1	0	4	8	1	6.31	-	
	Cranwell ...	9 9	205	14.9	5.9	10.4	-0.5	22.8	12	0.3	29	12.6	12.1	.45	23	.15	1	9	4	0	0	0	1	1	0	0	5	1	6.80	1098	
	Cleethorpes ...	9 9	23	14.9	7.4	11.1	+0.5	25.0	12	2.8	29	-	-	1.30	70	.47	27	7	6	0	0	0	0	0	0	0	0	6.64	110		
	Manby ...	21-9	55	14.2	5.7	9.9	-	22.8	12	0.7	29	-	-	1.25	-	.53	27	12	6	0	0	1	0	2	0	0	3	1	7.15	-	
	Skegness ...	9 9	15	14.4	7.4	10.9	+0.5	23.9	12	2.8	27	-	-	.68	41	.23	27	8	6	0	0	0	0	0	0	0	0	6.80	106		
3 ENGLAND, E.																															
Norfolk	Terrington ...	9 9	13	15.8	6.5	11.1	-	23.9	12	1.7	27, 29	11.4	-	.88	56	.30	27	8	5	0	0	0	0	1	1	0	0	6	0	6.45	-
	St. Clement ...	21-9	76	15.1	6.4	10.7	-	22.8	12	1.4	29	-	-	.88	-	.30	4	13	6	0	0	0	0	2	0	0	4	0	-	-	
	Marham ...	9 9	80	16.4	3.1	9.7	-	23.3	12	-6.7	31	10.8	9.8	.84	-	.45	4	8	5	-	-	-	-	0	9	22	-	-	-	-	
	Santon Downham ...	21-9	250	14.3	6.2	10.3	-	22.4	12	0.6	29	-	-	1.06	-	.35	31	10	5	0	0	3	0	1	0	0	0	6	0	7.20	-
	Cromer ...	9 9	178	13.7	7.3	10.5	-0.4	20.6	12	3.3	29	-	-	1.19	70	.39	4	7	6	-	-	-	-	0	1	0	0	2	7.46	118	
	Sprowston ...	9 9	93	14.7	5.8	10.3	-0.8	21.7	12	0.0	29	11.6	-	1.25	70	.48	4	13	8	0	0	0	0	1	4	0	1	13	0	6.70	1028
	Burlingham ...	9 9	89	14.7	6.7	10.7	-	21.7	12	0.6	29	-	-	.99	59	.52	4	8	5	0	0	2	0	3	0	0	0	1	7.33	-	
	Gorleston ...	21-9	5	13.9	8.4	11.1	+0.3	18.4	4	4.0	27, 28	12.7	11.3	1.54	102	.71	4	13	6	0	0	1	2	3	0	0	0	0	7.60	113	
	Mildenhall ...	21-9	15	15.9	6.5	11.2	-	23.3	12	1.0	27	-	-	.83	51	.41	4	7	4	0	0	0	0	1	0	0	6	0	7.90	-	
	East Bergholt ...	9 9	14	16.7	5.8	11.3	-	23.3	12	-1.1	29	-	-	1.34	-	.80	4	9	6	0	0	0	1	2	0	1	9	0	-	-	
Suffolk	Wattisham ...	21-9	292	15.1	5.8	10.5	-	21.1	12	0.6	27	-	-	1.19	-	.63	4	10	5	0	0	3	0	3	0	0	3	0	-	-	
	Felixstowe ...	21-9	10	15.1	8.4	11.7	+0.4	22.0	12	2.8	27	-	-	1.67	119	1.26	4	10	4	0	0	0	1	3	0	0	0	0	7.95	111	
	Lowestoft ...	9 9	82	14.7	7.5	11.1	+0.3	20.6	12	1.7	29	12.6	11.4	1.66	111	.92	4	14	8	0	0	0	0	1	0	0	1	0	7.70	113	
	Boxworth ...	9 9	157	15.8	6.2	11.0	-	22.8	12	0.0	27	-	-	.78	44	.23	4	13	6	0	0	0	0	0	0	1	9	0	6.87	-	
	Cambridge Bot. Gdn. ...	9 9	41	16.4	6.2	11.3	-0.4	23.9	12	1.1	28, 29	12.9	11.8	.97	54	.40	4	11	6	0	0	0	2	0	0	0	0	-	-		
	Cambridge N.I.A.B. ...	9 9	85	16.4	6.4	11.4	-	23.3	12, 13	0.6	27	-	-	.93	52	.32	4	9	6	0	0	2	0	0	0	0	4	0	7.05	115	
	Wyton ...	21-9	129	15.8	6.7	11.3	-	22.8	12	1.1	27	-	-	.85	-	.27	4	9	7	0	0	1	0	1	0	0	2	0	-	-	
	Woburn ...	9 9	291	15.4	5.7	10.5	-0.4	22.2	12	-1.7	27	12.6	10.3	.63	29	.20	4	10	4	0	0	2	0	0	0	0	2	3	0	6.70	111
	Goldington ...	9 9	107	16.5	6.9	11.7	-	23.9	12, 13	1.7	27	-	-	.64	-	.20	4	9	5	0	0	0	0	0	0	4	0	-	-		
	Luton ...	9 9	379	15.8	6																										

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER MAY 1961

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. / 2 C or less	Gale	Daily Mean	Per-centage of Average			
				A Max.	B Min.			Maximum	Date		Minimum	Date		Amount	Date	-0.1 in. (0.2 mm.) or more	-0.1 in. (1.0 mm.) or more														
				Max. Min.								1 ft.	4 ft.	in.	%	in.											hr	%			
4 MIDLAND COUNTIES—cont.																															
Yorks., W. Riding—cont.	Ilkley	99	315	14.9	6.2	10.5	0.0	23.3	13	1.1	27	-	-	1.51	58	.51	1	8	0	0	0	0	0	0	0	0	1	5.60	104		
	Sheffield	99	429	14.4	6.8	10.6	-0.5	22.8	13	1.7	27	11.3	9.8	1.69	73	.64	4	9	8	0	0	0	0	4	-	0	6	0	5.49	107	
	Wakefield	99	121	15.7	6.2	10.9	-0.3	23.9	11	1.1	31	11.2	9.8	1.08	49	.43	4	9	6	0	0	0	0	3	0	0	11	1	-	-	
	Killinghall	99	365	13.8	5.2	9.5	-	21.1	13	-1.1	31	10.8	-	1.91	-	.52	1	11	9	0	0	0	0	-	0	1	6	-	5.56	-	
	Pontefract	99	255	14.3	6.2	10.3	-0.4	20.6	12	2.2	28	-	-	1.44	72	.45	7	10	9	0	0	0	0	3	1	0	0	0	-	-	
Derby	Bramham	99	177	14.6	5.7	10.1	-	21.7	12	0.0	31	-	-	1.27	-	.52	4	9	6	0	0	0	0	0	2	0	1	4	0	5.25	-
	Cawood	99	20	14.7	5.8	10.3	-	21.7	12	0.6	27,31	11.9	10.5	1.06	53	.41	4	5	5	0	0	0	0	1	0	0	6	1	5.58	-	
	Askham Bryan	99	110	15.1	6.1	10.6	-	21.1	12	1.7	31	-	-	1.36	64	.53	4	7	6	0	0	0	0	0	0	1	0	0	5.55	-	
	Buxton	99	1007	12.7	4.9	8.8	-0.5	21.1	13	-1.7	27	10.7	9.4	2.60	90	.82	4	12	8	0	0	1	0	2	0	1	5	0	-	-	
	Chapel en le Frith	99	728	13.9	4.4	9.1	-	22.2	13	-2.2	27	-	-	1.83	-	.40	4	11	9	0	0	0	0	1	0	3	14	0	-	-	
Nottingham	Wirksworth	99	565	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Mackworth	99	293	14.7	5.9	10.3	-	22.2	13	-1.1	27	-	-	1.22	-	.54	4	7	7	0	0	1	0	2	0	1	5	1	-	-	
	Belper	99	203	15.8	5.4	10.6	-0.6	23.3	13	-1.1	27	-	-	1.46	66	.68	4	7	7	0	0	0	0	0	-	2	-	0	-	-	
	Derby	99	159	15.4	6.5	10.9	-	23.3	13	-0.5	27	-	-	1.35	-	.42	2	10	7	0	0	1	0	1	0	1	4	0	6.06	-	
	Morley	99	350	14.5	5.7	10.1	-	22.2	13	-1.7	27	-	-	1.25	-	.40	2,4	9	6	0	0	0	0	1	-	1	1	0	5.93	-	
	Chesterfield	99	298	14.8	5.8	10.3	-	22.8	13	-1.1	27	-	-	1.01	-	.44	2	7	5	0	0	0	0	0	0	1	-	0	-	-	
	Sutton Bonington	99	157	15.1	5.4	10.3	-0.8	22.2	12,13	-2.2	27	11.2	10.3	.67	36	.14	1,4	11	5	0	0	0	0	0	0	3	13	0	6.09	107	
	Watnall	21-9	385	14.8	6.0	10.4	-	22.9	13	0.3	27	-	-	1.02	49	.37	4	9	7	0	0	0	0	1	0	0	11	0	5.78	-	
	Mansfield	99	362	13.3	6.4	9.8	-1.3	22.8	13	1.7	27	11.6	-	1.38	64	.48	4	10	8	0	0	0	0	0	0	0	3	0	-	-	
	Nottingham *§	99	192	15.1	6.9	11.0	-0.5	22.8	12,13	1.1	27	11.7	10.4	.88	44	.18	2	10	8	0	-	1	0	2	0	0	0	2	0	5.62	105
Leicester	Warpington (Gleadthorpe)	99	150	14.8	4.9	9.9	-	22.8	12,13	-1.7	27	-	-	1.32	73	.37	4	13	8	0	0	0	0	1	0	3	13	0	6.15	-	
	Finsingley	21-9	34	15.0	6.8	10.9	-	23.3	12	2.3	31	-	-	1.20	-	.33	4	9	7	0	0	0	0	1	0	0	1	1	5.72	-	
	Langar	21-9	106	15.3	5.3	10.3	-	22.3	12	-1.3	27	-	-	.64	-	.17	1	9	5	0	0	0	1	1	0	3	8	1	-	-	
	Newtown Linford	99	388	15.1	5.4	10.3	-	22.2	12	-1.7	27	-	-	.52	-	.17	1	5	4	0	0	0	0	0	0	1	9	0	6.50	-	
	Leicester (Towers)	99	267	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Northampton	Caldecott	99	175	15.8	4.4	10.1	-	23.3	12	-2.2	27	-	-	.65	-	.18	31	10	6	-	0	-	-	-	1	3	6	-	6.64	-	
	Wellingborough	99	298	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Raunds	99	193	16.2	5.7	10.9	-	22.8	12,13	0.0	27	12.9	10.3	.96	49	.31	24	9	8	0	0	0	0	1	0	1	7	0	-	-	
Warwick	Wittering	21-9	212	15.3	6.3	10.8	-	22.0	12	0.2	29	-	-	.63	-	.21	31	9	6	0	0	1	1	1	0	0	0	6	0	7.04	-
	Birmingham K.E.S.	99	450	14.8	7.1	10.9	-	22.2	12,13	0.0	27	-	-	.88	-	.33	4	9	5	0	0	0	0	0	0	0	1	-	0	-	-
	Birmingham *§	21-9	536	14.7	7.4	11.1	-0.1	22.6	13	1.8	27	9.9	9.6	.90	35	.37	4	9	6	0	0	0	0	0	0	0	3	0	5.58	104	
	Luddington	99	138	16.2	5.9	11.1	-	23.9	13	-1.1	27	-	-	.68	33	.20	2	7	5	0	0	1	0	1	0	2	5	0	6.48	-	
	Stratford on Avon	99	160	16.2	5.7	10.9	-	23.9	13	-1.1	27	13.8	-	.79	-	.20	2	8	6	0	0	0	1	1	0	2	8	0	6.84	-	
Oxford	Birmingham Airport*	21-9	319	15.1	6.0	10.5	-	22.9	12	-1.4	27	-	-	.73	33	.33	4	9	5	0	0	0	1	1	0	1	5	0	6.46	-	
	Shipston on Stour	99	365	15.3	6.4	10.9	-	22.8	13	-0.5	27	11.4	-	.66	-	.25	4	8	5	0	0	0	0	1	0	1	8	-	6.65	-	
	Wellesbourne	99	153	15.9	5.6	10.7	-	23.9	13	-1.7	27	-	11.7	.73	34	.20	2	7	5	0	0	0	0	1	0	2	9	0	6.64	-	
	Moreton Morrell	99	280	15.7	5.6	10.6	-	22.8	12,13	-1.1	27	-	-	.60	-	.18	4	9	5	0	0	0	0	1	1	0	1	14	1	6.42	-
	Coventry	99	338	15.5	6.8	11.1	-0.4	22.2	12,13	1.1	27	12.2	-	.67	31	.17	1,3	7	6	0	-	0	0	1	0	0	-	0	5.70	105	
	Rugby	99	385	15.6	6.6	11.1	-	22.2	12,13	0.0	27	13.1	11.8	.56	-	.31	4	5	2	0	0	0	0	0	-	1	2	0	-	-	
	Oxford *§	99	208	16.3	7.2	11.7	-0.2	23.9	13	1.7	27,28	13.6	12.1	1.10	54	.41	3	10	6	0	0	0	0	1	0	0	3	0	7.26	125	
	Buckingham	99	316	16.2	5.8	11.0	-	22.8	13	-1.7	27,29	-	-	.57	-	.25	4	5	4	0	0	0	0	1	0	3	12	0	7.17	-	
	Stafford	99	587	14.2	6.2	10.2	-	21.7	13	1.7	27,28	11.4	9.6	1.39	58	.45	4	9	6	0	0	0	0	1	3	0	0	3	0	5.88	-8
	Shropshire	Oaken	99	409	15.9	5.6	10.7	+0.1	23.3	13	-1.1	27	11.1	-	.97	-	.32	2	8	5	-	-	-	-	-	-	1	11	-	-	-
Wheaton Aston		99	365	14.9	5.0	9.9	-	22.2	13	-2.2	27	11.8	-	.78	-	.25	1	8	6	0	0	0	0	1	0	2	6	0	5.67	-	
Stone		99	350	14.8	5.0	9.9	-	21.7	13	-2.2	27	-	-	.99	-	.28	1	8	6	0	0	0	0	0	0	3	7	0	6.14	-8	
Penkridge		99	330	15.1	5.4	10.2	-	22.2	12,13	-1.7	27	-	-	.43	-	.10	29	7	5	0	0	0	0	1	0	2	8	0	-	-	
Onecote		99	1350	11.7	4.2	7.9	-	18.9	13	0.6	28																				

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER MAY 1961

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		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
			A Max.	B Min.		Maximum	Date	Minimum	Date		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.	in.	%	in.											hr	%	
5 ENGLAND, S.E.—cont.																													
Surrey																													
Wisley ...	9 9	150	16.6	6.3	11.5	-0.6	25.0	12	-1.1	28	13.3	11.8	1.11	60	.80	4	9	5	0	0	0	4	0	1	6	0	7.31	119	
Mickleham ...	9 9	179	16.3	4.7	10.5	-	23.3	13	-2.2	28	-	-	1.50	78	.98	4	7	6	0	0	1	0	3	0	4	12	0	-	-
Kew Observatory †	21-9	18	16.1	8.3	12.2	-0.3	23.1	13	3.3	29	13.0	11.9	.95	52	.56	4	7	3	0	0	1	0	3	0	0	7	0	7.50	119
Gatwick ...	21-9	192	16.3	5.7	11.0	-	23.2	13	-2.0	28	-	-	1.49	-	.95	4	7	5	0	0	0	0	2	0	1	6	0	7.60	-
Croydon (Waddon)	9 9	220	16.3	6.9	11.6	-0.5	23.9	13	0.0	28	-	-	1.69	89	1.40	4	7	4	-	-	-	-	-	-	-	-	-	-	-
Addington ...	9 9	474	15.9	6.7	11.3	-0.2	23.3	13	1.7	27	-	-	1.88	94	1.45	4	7	6	-	-	-	-	-	-	-	-	-	-	-
Bromley ...	9 9	213	16.4	7.3	11.9	-0.4	23.9	13	1.1	28	-	-	1.71	92	1.23	4	7	3	-	0	0	-	0	0	-	-	-	-	-
Swanley ...	9 9	177	16.7	5.7	11.2	-	24.4	13	-1.1	28, 29	12.6	-	1.20	-	.81	4	7	3	0	0	0	0	2	0	3	11	0	6.25	-
Dartford ...	9 9	17	16.6	7.3	11.9	-	24.4	13	0.0	28	-	-	1.12	69	.86	4	6	3	0	0	1	0	2	1	1	-	0	-	-
Tunbridge Wells	9 9	351	15.9	6.2	11.1	-0.6	23.3	13	-1.1	28	13.3	12.3	.82	39	.34	4	7	6	0	0	0	0	1	0	1	1	0	7.57	112
Goudhurst ...	9 9	280	16.4	5.4	10.9	-	23.3	13	-1.7	27	-	-	1.05	50	.26	4, 28	9	6	0	0	0	3	0	4	8	0	-	-	-
East Malling †	9 9	122	16.5	5.8	11.1	-0.3	23.9	13	-1.1	28	-	11.3	.96	50	.47	4	10	6	0	0	0	0	1	0	2	6	0	7.49	115
Benenden ...	9 9	195	-	-	-	-	-	-	-	-	-	-	.56	-	.18	1	5	5	-	-	-	-	-	-	-	-	-	-	-
Gillingham ...	9 9	10	17.6	7.6	12.6	-	24.4	13	1.7	29	-	-	1.21	-	.81	4	9	4	0	0	0	0	0	0	-	0	6.20	-	-
Sittingbourne ...	9 9	224	15.7	6.6	11.1	-	23.9	13	0.6	27	12.6	11.2	.68	-	.28	4	7	6	0	0	0	0	1	0	8	0	8.18	-	-
Isle of Grain ...	9 9	9	16.3	9.1	12.7	-	23.9	12	3.9	28	-	-	1.07	-	.60	4	6	4	-	0	-	-	-	0	0	1	-	7.37	-
Throley ...	9 9	493	15.6	6.3	10.9	-	22.8	13	0.6	29	12.7	10.6	.52	-	.21	4	7	4	0	0	0	0	1	0	0	6	2	7.84	-
Faversham ...	9 9	157	15.9	7.0	11.5	-	23.3	12	0.6	29	12.5	11.6	.30	-	.18	4	4	3	0	0	2	0	3	0	0	3	0	7.56	-
Dungeness ...	21-9	10	15.1	8.0	11.5	-	19.5	14	0.8	28	-	-	.56	34	.15	1	7	4	0	0	0	0	2	0	0	-	1	-	-
Wye ...	9 9	185	16.1	6.3	11.2	-	22.8	12, 13	0.0	28	-	-	1.18	56	.59	4	7	5	0	0	0	0	1	0	1	4	0	8.39	124
Whitstable ...	9 9	9	-	7.9	-	-	-	-	1.7	29, 30	-	-	.33	23	.14	4, 7	5	2	0	0	0	0	0	0	-	0	7.63	-	-
Folkestone ...	9 9	128	15.5	8.3	11.9	-	20.0	14	5.0	11, 27, 28	-	12.4	.85	50	.48	4	6	4	0	0	0	0	0	0	0	0	9.57	-	-
Wingham (Elmstone)	9 9	28	16.1	6.6	11.3	-	22.2	12	0.0	29	-	-	1.74	-	1.55	4	7	3	-	-	-	-	-	0	1	2	-	-	-
Herne Bay ...	9 9	21	16.1	9.2	12.6	-	22.8	12	3.9	29	-	-	.41	26	.17	7	6	3	0	0	0	0	2	0	0	-	1	7.36	-
Dover ...	9 9	19	15.4	8.7	12.1	+0.3	19.4	25	3.9	28, 29	14.1	12.9	.91	52	.62	4	6	4	0	0	1	0	2	0	0	0	8.43	-	-
Dover R.M.S. ...	9 9	402	13.5	7.5	10.5	-	19.4	14	3.9	28	-	-	1.10	51	.70	4	6	4	0	0	0	0	2	1	0	-	0	-	-
Deal ...	21-9	18	15.9	9.3	12.6	-	21.0	17	5.3	28	-	-	1.06	-	.85	4	7	3	0	0	0	0	1	0	0	0	-	-	-
Ramsgate ...	9 9	80	15.1	9.3	12.2	-	21.7	12	5.6	28	-	-	1.08	68	.76	4	9	4	0	0	0	0	1	0	0	-	1	9.19	130
Manston ...	21-9	145	15.1	7.9	11.5	-	21.7	12	1.7	29	-	-	1.50	-	1.31	4	6	2	0	0	0	0	1	0	0	0	-	-	-
Margate ...	9 9	51	18.7	9.6	14.1	+2.5	21.7	12	6.1	28, 29	13.3	12.2	1.44	101	1.25	4	7	2	0	0	0	0	1	0	0	0	-	8.83	121
Thornley Island	21-9	10	16.7	7.3	12.0	-	20.8	12	1.4	28	-	-	1.11	65	.48	4	8	6	0	0	0	0	1	0	0	3	0	8.05	-
Bognor Regis ...	9 9	24	15.7	8.2	11.9	+0.2	20.6	14	2.8	28	-	12.6	1.56	83	1.02	4	6	5	0	-	0	0	1	0	0	1	0	8.47	119
Littlehampton ...	9 9	15	16.3	7.7	12.0	+0.3	21.7	14	2.2	27, 28	-	12.8	1.38	76	.81	4	6	4	0	0	0	0	0	0	-	0	9.11	125	-
Rustington ...	9 9	10	15.8	6.4	11.1	-	20.6	14	0.0	28	-	11.7	1.44	-	.87	4	5	5	0	-	-	-	0	1	6	-	7.88	-	
Worthing ...	9 9	25	16.2	8.3	12.3	+0.4	20.6	11, 14	3.9	27, 28	13.4	12.2	1.14	69	.56	4	5	5	0	0	0	0	1	0	0	1	0	8.84	118
Brighton...	9 9	32	15.8	8.3	12.1	-	20.6	14	2.8	28	-	13.2	.67	41	.28	3	7	4	0	0	0	0	2	0	0	1	0	8.44	-
East Grinstead ...	9 9	440	16.5	5.8	11.1	-	23.3	13	-0.5	28	-	11.3	1.78	-	1.13	4	7	5	0	0	0	0	1	0	1	5	0	-	-
Seaford ...	9 9	45	15.6	7.6	11.6	-	20.6	14	0.0	28	-	-	-	-	-	-	-	-	-	-	-	-	0	1	-	-	8.65	-	
Eastbourne ...	9 9	35	15.4	8.6	12.0	+0.2	20.6	14	3.3	27, 28	13.8	12.6	1.26	73	.54	4	6	4	0	-	0	0	1	0	0	1	0	9.11	121
Eastbourne (C/guard)	21-9	17	16.0	7.9	11.9	-	21.1	14	2.1	28	-	-	1.15	-	.43	4	7	5	0	0	0	1	0	0	0	2	0	-	-
Bexhill ...	9 9	14	15.2	8.3	11.7	-0.1	21.1	14	2.8	28	14.0	-	1.36	79	.57	4	6	6	0	0	0	0	1	0	0	1	0	7.97	-
Sedlescombe ...	9 9	175	15.8	6.4	11.1	-	21.7	12, 13	-1.1	28	-	-	1.64	-	.55	4	10	7	0	0	0	0	2	0	1	8	0	-	-
Bodiam ...	9 9	73	16.5	6.1	12.3	-	22.8	12, 13	-1.1	28	13.3	11.4	1.17	-	.31	1	7	5	0	-	-	-	-	1	1	8	-	7.30	-
Hastings... †	9 9	149	15.4	8.1	11.7	-0.1	21.1	14	3.3	27	14.5	13.0	.94	54	.30	4	7	5	0	0	0	0	2	0	0	0	-	8.25	113
Berkshire																													
Letcombe Regis	9 9	350	15.8	4.7	10.3	-	22.2	13	-2.2	27	-	-	.61	-	.23	4	6	5	0	0	0	0	0	3	-				

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER MAY 1961

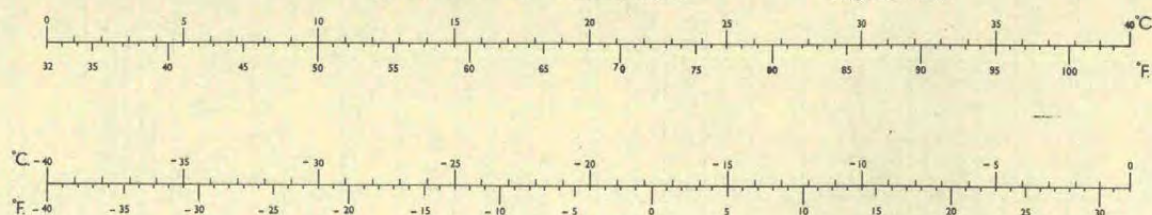
DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)		WEATHER												BRIGHT SUNSHINE		
				Means of		Mean Temperature Mean of A and B	Difference from Average	Highest Maximum and Lowest Minimum								Number of days														
				A	B			Maximum	Date	Minimum	Date	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	
				Max.	Min.			Max.	Min.	Max.	Min.	Max.	Min.	in.	%	in.	Amount	Date	-0.1in.(0.2mm.) or more	-0.1in.(1.0mm.) or more	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
7a ENGLAND, N.W.																														
Cumberland	Sellafield...	9 9	43	13.8	6.5	10.1	-	17.8	13,31	2.8	28	-	-	1.72	63	.52	1	10	9	-	0	0	0	0	0	0	6	-	-	
	Carlisle ...	21-9	86	14.7	6.2	10.5	-	18.9	11	1.5	21	-	-	1.51	-	.35	1	10	8	0	0	0	0	0	0	3	0	6.23	-	
Westmorland	Newton Rigg ¶§	9 9	560	14.3	5.4	9.9	-0.2	20.6	13	1.7	21,26,28	11.4	-	1.71	80	.55	4	10	10	-	0	0	0	0	0	10	-	5.87	99	
	Spadeadam ...	9 9	900	12.5	4.2	8.3	-	17.8	13	0.0	21,28	9.6	8.8	2.08	-	.47	1	10	9	0	0	2	3	0	2	8	0	4.90	-	
	Ambleside ...	9 9	151	15.2	5.8	10.5	-	21.1	13	0.6	28	-	-	3.35	87	.99	1	12	8	0	0	0	0	0	0	0	-	5.09	-	
	Great Dun Fell ...	-	2780	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.90	-	
Lancashire	Moor House ...	9 9	1840	10.3	2.6	6.5	-	16.7	13	-3.9	31	7.9	-	3.55	-	.87	4	12	10	0	0	2	2	1	0	6	13	1	4.29	-
	Barrow-in-Furness	9 9	55	14.6	7.2	10.9	-	20.0	13	2.8	26	12.3	-	2.01	-	.68	1	10	8	-	0	-	-	1	0	-	-	-	-	
	Squires Gate ...	21-9	33	14.3	7.0	10.7	-	22.0	13	2.3	31	-	-	1.87	80	.80	4	11	9	0	0	0	0	2	0	2	2	7.55	-	
	Urswick ...	9 9	130	15.7	5.9	10.8	-	21.1	13	1.7	26,28	-	-	2.00	-	.71	1	10	8	0	0	0	0	0	1	0	-	2	-	
	Poulton-le-Fylde	9 9	38	14.5	6.8	10.7	-	21.7	13	3.3	31	-	-	2.00	-	.83	4	10	8	0	0	0	0	0	0	0	-	0	-	
	Grizedale ...	9 9	300	14.5	3.5	9.0	-	20.0	13	-2.8	28	-	-	3.16	-	1.14	1	13	8	0	0	0	0	0	0	4	19	0	-	
	Speke ...	21-9	80	15.1	7.7	11.4	-	22.4	13	4.3	27	-	-	1.34	59	.52	4	10	6	0	0	1	0	1	0	0	2	0	6.47	-
	Kirkham ...	9 9	77	14.8	5.9	10.3	-	21.7	13	0.6	27	-	-	2.54	100	1.31	4	10	7	0	0	0	0	1	0	0	8	0	7.10	-
	Garstang ...	9 9	68	14.5	6.1	10.3	-	20.6	13	0.0	28	-	-	2.53	-	1.18	4	8	6	-	-	-	-	0	1	-	-	6.95	-	
	Morecambe ...	9 9	24	14.9	7.6	11.3	0.0	20.0	13	2.8	27	-	-	1.67	65	.67	4	10	7	0	0	0	0	0	0	-	0	5.99	88	
	Preston (Moor Pk.)	9 9	108	14.8	6.3	10.5	-	21.7	13	0.0	28	-	-	2.84	108	1.42	4	11	9	0	0	1	0	2	1	1	7	0	-	-
	Bolton ...	9 9	352	15.0	5.6	10.3	-0.7	22.2	13	0.0	27,28	10.6	9.4	3.18	-	1.39	4	10	8	0	0	0	0	0	1	2	10	0	6.18	-
	Darwen ...	9 9	724	14.2	5.2	9.7	-0.6	22.2	13	1.1	27	11.2	9.7	3.37	102	1.27	4	14	14	0	0	0	0	0	0	-	0	-	-	-
	Stonyhurst ¶§	9 9	377	14.6	5.8	10.2	-0.5	21.7	13	0.6	28,29	-	-	3.13	112	1.56	4	12	9	-	0	-	-	-	0	0	1	-	5.80	96
Manchester	Weather Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.44	-		
Cheshire	Helmshore ...	9 9	854	13.4	5.3	9.3	-	20.6	13	1.1	27	10.4	-	3.69	-	1.33	4	14	10	-	0	-	-	-	0	0	8	-	6.00	-
	Manchester (Smokeless Zone)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.07	-	
	Burnley ...	9 9	655	13.6	5.1	9.3	-	20.6	13	-0.5	27	10.1	8.9	2.61	-	1.16	4	13	12	0	0	1	0	1	0	2	7	0	4.97	-
	Nelson ...	9 9	540	13.5	5.8	9.7	-	21.1	13	0.6	27	11.3	9.4	2.49	92	1.29	4	10	10	-	0	-	-	-	0	0	6	-	5.09	-S
	Rochdale ...	9 9	362	14.4	5.4	9.9	-	22.2	13	-0.5	27,28	-	-	2.57	-	.79	1	11	8	0	0	0	0	1	0	2	2	1	5.35	-
	West Kirby Park	9 9	17	15.0	7.5	11.3	-	23.3	13	4.4	11,27	-	-	1.86	-	.85	4	8	7	-	-	-	-	-	0	0	-	7.35	-	
	Bidston Obs'y. ¶§	9 9	198	14.3	8.3	11.3	+0.1	22.2	13	5.0	26,27	-	-	1.43	63	.87	4	6	6	-	-	-	-	0	0	0	-	7.28	114	
	Northwich(Winnington)	9 9	65	16.4	7.3	11.9	-	23.3	12,13	3.8	27	-	-	1.58	71	.61	1	8	5	0	0	2	0	2	0	0	1	1	-	-
	Manchester Airport ¶§	21-9	248	15.2	6.6	10.9	-0.3	22.4	13	0.1	27	-	-	2.53	113	.75	4	8	7	0	0	0	1	2	0	0	2	0	5.84	104
Macclesfield ...	9 9	500	14.5	6.3	10.4	-0.4	22.8	13	1.1	27	-	-	1.35	54	.45	4	9	6	0	0	2	0	2	0	0	-	0	-	-	
7b NORTH WALES																														
Flint	Rhyl ...	9 9	31	14.6	7.4	11.0	-0.1	21.1	13	1.7	28	-	-	1.38	64	.79	4	6	4	0	0	0	1	0	0	0	1	0	7.57	116
	Prestatyn ...	9 9	12	-	7.2	-	-	-	-	3.3	19	-	-	1.49	67	.71	4	7	6	0	0	0	0	0	0	0	-	3	-	-
Anglesey	Hawarden Bridge	9 9	17	15.8	6.8	11.3	0.0	23.9	13	2.8	11	-	-	1.50	71	.58	4	9	7	0	0	1	0	0	0	0	-	0	-	-
	Holyhead (Valley)	21-9	26	14.0	8.1	11.1	+0.4	18.3	13	2.2	28	-	-	1.93	85	1.17	4	10	9	0	0	0	0	0	0	2	0	8.41	119	
Denbigh	Colwyn Bay ...	9 9	118	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Alwen ...	9 9	1100	12.7	2.5	7.6	-	19.4	13	-5.0	28	-	-	2.66	-	.90	4	10	8	-	-	-	-	-	9	13	-	-	-	
	Ruthin ...	9 9	248	14.6	6.3	10.5	-	22.8	13	0.6	27	-	-	1.71	-	.73	4	9	8	-	0	-	-	-	1	0	-	-	-	
Caernarvon	Bwlchgwn ...	9 9	1267	12.8	4.9	8.9	-	21.1	13	1.1	27	9.3	-	2.22	-	.76	4	13	8	0	0	0	0	0	0	0	11	0	-	-
	Ruabon ...	9 9	312	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Wrexham ...	9 9	275	15.4	6.4	10.9	-	23.9	13	3.9	17	11.6	10.3	1.45	-	.68	4	8	6	0	0	0	0	0	0	0	1	0	-	-
	Bardsey Island ...	21-9	60	13.1	8.7	10.9	-	17.5	11	5.8	28	-	-	2.38	-	1.50	4	8	7	-	-	-	-	0	0	0	-	-	-	
	Botwnnog ...	9 9	112	14.5	7.1	10.8	-	18.3	13	2.2	28	13.3	11.6	2.52	-	1.18	4	10	9	0	0	1	0	0	0	0	1	0	8.25	-
	Bryn Adda ...	9 9	275	14.7	7.5	11.1	-	21.1	13	1.7	28	-	-	2.36	-	1.07	4	11	6	0	0	0	0	0	0	8	0	7.51	-	
	Cwm Dyli ...	9 9	324	-	6.4	-	-	-	-	0.0	28	11.2	-	5.70	-	1.79	1	11	9	0	0	0	0	1	0	1	8	0	-	-
Merioneth	Aber ...	9 9	60	14.7	7.6	11.1	0.0	21.7	13	2.8	28	-	-	2.23	85	1.00	4	12	10	0	0	1	0	0	0	0	4	0	7.38	116
	Llandudno ¶§	9 9	13	13.8	8.1	10.9	-0.2	18.3	11,13	2.8	28	-	-	1.33	64	.69	4	7	5	0	0	0	0	0	0	-	0	7.88	118	
	Llyn Stwlwan	9 9	1656	10.4	4.7	7.5	-	15.6	13	0.0	28	-	-	4.52	-	1.83	4	12	6	-	-	-	-	-	1	8	-	-	-	
	Blaenau Ffestiniog	9 9	750	13.5	6.6	10.1	-	19.4	13	2.2	28	-	-	3.79	-	1.43	4	11	6	1	0	0	1	1	0	0	-	5.95	-S	
Montgomery	Corwen ...	9 9	473	14.4	4.4	9.4	-	21.1	13	-2.2	27,28	-	-	2.01	-	.49	4	11	9	0	0	0	0	0	-	4	7	0	-	
	Lake Vyrnwy ...	9 9	995	13.3	5.1	9.2	-	20.0	13	0.0	28	10.3	-	3.19	87	1.08	4	10	8	0	0	0	0	0	0	1	10	0	-	-
8a SOUTH WALES																														
Cardigan	Aberporth ...	21-9	378	13.8	7.7	10.7	-	20.1	13	4.1	11	-	-	1.57																

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER MAY 1961

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 (0.2mm. or more (1.0mm. or more	Snow or Sleet	Number of days								Daily Mean	Percentage of Average		
				A Max.	B Min.		Maximum	Date	Minimum	Date		Amount	Date		40 in. (0.2mm. or more (1.0mm. or more	40 in. (0.2mm. or more (1.0mm. or more			Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. 0°C or less	Gale				
				Max. Min.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	1 ft.	4 ft.	in.	%	in.	40 in. (0.2mm. or more (1.0mm. or more	40 in. (0.2mm. or more (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
8b ENGLAND, S.W.																														
Somerset	Hawkridge (Liscombe)	9 9	1030	13.6	5.7	9.7	-	20.0	13	0.6	27, 28	-	-	1.59	-	.36	3	8	7	0	0	1	0	0	0	0	6	0	-	-
	Cannington ...	9 9	95	16.3	7.4	11.9	-	22.2	13	1.1	27	13.5	-	.85	38	.27	2	6	5	0	0	0	1	0	0	0	2	0	7.76	-
	Weston-s.-Marc ...	9 9	28	16.2	8.0	12.1	-	22.8	13	2.2	28	-	-	1.18	51	.41	3	7	7	0	0	0	0	0	0	0	2	0	7.65	124
	Long Ashton ...	9 9	162	16.0	6.7	11.3	-0.4	22.8	13	0.6	27	13.4	-	1.28	50	.30	3	9	7	0	0	1	0	0	0	0	10	0	6.86	109
	Bath (City Boys' School)	9 9	388	16.0	6.6	11.3	-	22.2	13	1.1	27	-	-	1.36	-	.36	2, 3	8	7	0	0	0	1	1	0	0	-	2	-	-
	Bath ...	9 9	67	16.7	6.6	11.7	-0.4	22.2	13	0.0	27, 28	13.9	12.1	1.17	51	.29	4	9	8	0	0	0	0	1	0	2	5	0	7.35	119
Dorset	Portland Bill ...	21-9	35	14.4	9.1	11.7	+0.6	18.5	25	5.0	27, 28	-	-	.51	29	.12	1, 3	8	6	0	0	0	0	0	0	0	-	0	-	-
	Weymouth ...	9 9	16	16.8	8.2	12.5	+0.4	20.6	14	2.8	28	-	-	1.14	58	.39	4	7	5	-	-	-	-	-	-	-	-	-	8.71	123
	Shaftesbury ...	9 9	680	14.7	6.0	10.3	-0.5	20.6	13	1.1	27	-	-	1.00	47	.52	4	7	7	-	-	-	-	1	0	-	-	-	-	-
	Swanage ...	9 9	37	15.6	8.0	11.8	-	19.4	14	3.3	28	-	12.7	1.05	-	.33	1	7	4	0	-	0	0	1	0	0	0	0	8.53	-
Devon	Poole ...	9 9	18	17.4	6.1	11.7	-	21.7	12, 14, 25	0.0	28	-	-	.99	-	.30	4	7	6	0	0	0	0	0	1	-	-	-	8.09	-
	Hartland Pt. ...	21-9	298	13.9	9.2	11.5	-	18.5	13	5.8	27	-	-	.94	-	.35	1	7	5	0	0	0	0	0	0	0	1	0	9.03	-
	Plymouth (Mt. Batten)	21-9	87	15.5	7.6	11.5	-0.1	19.4	13	3.9	27, 28	-	-	.81	34	.26	1	8	6	0	0	0	0	1	0	1	0	8.52	127	
	Plymouth (The Hoe)	9 9	119	16.1	7.7	11.9	-0.2	19.4	25	3.9	28	13.3	12.3	1.00	42	.37	29	7	6	0	0	1	0	0	1	0	2	0	8.33	122
	Tavistock ...	9 9	457																											
	Chivenor ...	21-9	20	16.3	7.6	11.9	-	23.8	13	1.4	27	-	-	.93	-	.23	3	8	7	0	0	0	0	0	0	0	0	0	9.37	-
	Ilfracombe ...	9 9	25	14.8	9.2	12.0	+0.3	17.8	13	5.6	27	14.7	13.3	1.70	76	.50	6	7	7	0	0	0	0	0	0	0	0	0	9.08	135
	Princetown ...	9 9	1359	13.7	6.1	9.9	-	18.9	13	0.7	28	-	-	3.00	61	.75	1	8	7	-	-	-	-	1	0	2	-	-	-	
	Totnes ...	9 9	120	16.5	5.2	10.9	-	22.2	13	0.5	28	13.6	11.5	1.31	44	.35	6	6	5	0	0	0	1	0	1	19	0	7.95	-	
	Slapton ...	9 9	104	15.5	7.8	11.7	-	19.4	14	2.8	28	-	-	1.16	-	.31	1	7	6	0	0	0	0	0	0	0	0	0	-	-
	Newton Abbot ...	9 9	272	16.1	6.9	11.5	0.0	22.2	12	2.8	28	-	-	.84	33	.25	4	8	6	0	0	0	0	0	0	0	2	0	7.61	124
	Paignton ...	9 9	8	16.3	8.1	12.2	-	21.1	12, 13	4.4	27	-	-	.93	37	.21	4	9	8	0	0	0	0	0	0	0	0	0	8.35	124
	Torquay ...	9 9	26	15.9	8.3	12.1	-0.1	21.1	12	3.9	27	-	12.8	.85	37	.19	4	8	6	0	0	0	0	0	0	0	0	0	8.85	128
	Teignmouth	9 9	20	16.3	8.8	12.5	+0.4	21.1	12	5.0	28	-	-	1.15	51	.41	29	9	8	0	0	0	1	0	0	0	0	0	8.39	124
	Starcross ...	9 9	29	15.8	6.7	11.3	-	21.1	12	1.1	27	13.3	-	.88	-	.22	27	10	7	0	0	0	0	0	0	3	0	8.58	-	
	Exeter (Southam)	9 9	160																											
	Exmouth ...	9 9	195	15.4	7.2	11.3	-0.1	21.1	12	2.8	27	-	-	.72	31	.20	4	9	6	0	0	0	0	0	1	0	-	0	8.10	127
	Exeter ...	21-9	106	16.4	6.5	11.5	-	22.1	12	1.4	28	-	-	.37	17	.13	4	7	5	0	1	0	0	0	0	8	1	7.94	-	
Cornwall	Sidmouth ...	9 9	25	15.6	7.5	11.5	+0.1	21.1	12	2.2	28	-	-	.63	-	.25	4	7	3	-	-	-	-	-	-	-	-	-	7.52	-
	St. Mary's, Scilly	21-9	158	15.3	10.1	12.7	+1.2	18.3	23	8.2	28	-	-	1.06	49	.26	29	9	7	0	0	0	0	1	0	-	0	9.45	131	
	Penzance ...	9 9	62	16.2	8.4	12.3	+0.1	18.9	25	5.0	11, 27	-	-	1.22	50	.29	6	9	8	0	0	0	0	0	0	2	0	8.46	126	
	Gulval ...	9 9	50	16.3	8.9	12.6	+0.8	21.1	25	6.1	11, 27, 28	-	-	1.05	-	.30	6	9	8	-	-	-	-	0	0	-	-	-	9.13	133
	Culdrose ...	9 9	288	15.0	7.7	11.3	-	19.4	13	3.3	27	-	-	.57	-	.18	6	7	5	0	0	0	0	2	0	1	0	8.81	-	
	Camborne (Rosewarne)	9 9	250	15.0	8.1	11.5	-	20.6	13	5.0	22, 27	-	-	1.26	-	.26	6	8	8	0	0	0	0	1	0	0	0	9.11	-	
	Lizard ...	9 9	240	15.0	9.0	12.0	-	19.5	13, 25	6.0	27	-	-	.41	21	.13	29	7	4	-	-	0	0	-	-	-	-	0	8.65	-
	Falmouth	9 9	167	15.4	8.2	11.8	-0.1	19.4	12	4.4	27, 28	-	-	1.16	45	.24	1, 6	8	8	0	0	0	0	0	0	0	1	0	8.58	126
	Newquay ...	9 9	176	15.3	7.7	11.5	+0.2	21.1	13	3.3	27, 28	-	-	1.26	58	.39	3	8	7	0	-	0	0	0	-	0	0	9.17	134	
	St. Mawgan ...	21-9	337	15.3	7.9	11.6	-	20.0	13	3.3	27	-	-	1.24	-	.38	3	8	6	0	0	0	0	0	0	0	0	9.59	-	
	St. Austell ...	9 9	310	16.0	8.1	12.1	-	20.0	12, 25	3.9	27	-	-	.99	32	.29	29	8	6	0	0	0	0	2	0	-	0	-	-	
	Fowey ...	9 9	51	16.0	7.9	11.9	-0.1	20.0	25	3.9	28	-	-	.90	-	.20	1	8	6	0	0	0	0	1	0	-	0	-	-	
	Bude ...	9 9	50	15.5	7.3	11.4	+0.2	21.7	13	1.7	28	13.2	-	1.01	48	.40	3	6	4	-	-	-	-	-	-	-	-	9.25	139	
	Ellbridge ...	9 9	190	16.3	6.3	11.3	-	20.0	11, 13, 25	1.7	27, 28	-	-	1.08	-	.34	6	8	6	0	0	0	0	1	0	2	0	8.17	-	
NORTHERN IRELAND																														
Londonderry	Eglinton ...	9 9	46	14.5	6.9	10.7	-	22.2	13	3.3	10	-	-	2.08	-	.31	3, 27	16	12	0	0	0	0	0	0	5	0	-	-	
	Ballykelly	21-9	3	14.2	6.8	10.5	0.0	22.0	13	1.1	10	-	-	1.89	87	.41	3	12	9	0	2	0	0	0	0	2	0	6.89	109	
	Garvagh ...	9 9	121	14.4	6.0	10.2	0.0	21.1	13	1.7	28	12.2	-	3.25	118	.66	3	17	12	0	1	0	0	0	0	10	0	-	-	
	Portrush ...	-	18											2.10	-	.65	1	13	11	-	-	-	-	-	-	-	-	7.31	-	
Antrim	Aldergrove	21-9	217	14.2	6.4	10.3	+0.1	19.9	13	2.1	28	-	-	2.35	96	.56	3	13	11	0	1	0	0	0	0	8	0	5.57	89	
	Nutts Corner	21-9	338	14.2	6.2	10.2	-	19.6	12, 13	0.9	28	-	-	1.84	66	.36	30	12	10	0	1	0	0	0	0	7	0	-	-	
Down	Parkmore Forest	9 9	779																									-	-	
	Hillsborough	9 9	388	13.7	5.9	9.8	-	20.0	12	1.1	28	11.4	-	2.45	98	.47	4	13	10	0	3	0	0	0	0	3	0	5.60	93	
	Kilkeel ...	21-9	59	13.2	6.9	10.1	-	16.3	13	3.2	28	-	-	1.18	-	.33	1	9	9	0	1	0	0	1	0	0	0	-	-	
	Tollymore Park	9 9	130	14.3	6.6	10.5	-	20.6	12	2.8	28	-	-	3.31	-	.68	5	12	10	-	-	-	-	-	-	-	0	-	-	
	Belfast (Stormont)	9 9	200	14.2	6.6	10.4	-	20.6	11	2.8	27, 28	13.1	10.9	2.45	-	.37	3	13	11	0	0	0	0	0	0	-	-	6.09	-	
	Hollywood*	9 9	400	13.1	6.4	9.7	-	18.3	11	3.3	27, 28	-	-	2.82	-	.45	3	14	12	0	0	0	0	0	0	3	0	-	-	
	Bangor ...	-	-																									6.36	-	
	Ballyhalbert	-	-																											

¶§. § See Notes on Tables in the Introduction.

* Creighton's Green



[illegible]

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS MAY 1961

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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			G.M.T.	ft.	mb.	mb.	°C.	°C.	mb.	%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS MAY 1961

[illegible]

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS MAY 1961

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.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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STATION	TOTAL RADIATION ON A HORIZONTAL SURFACE mw. hr./cm ²						DIFFUSE RADIATION ON A HORIZONTAL SURFACE mw. hr./cm ²						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	675	27	49	5	370.7	31	365	13	46	5	263.7	31	669	27	53	5	376.4	31
Eskdalemuir	720	10	120	4	411.2	31	340	25	116	4	243.2	29	676	10	134	4	396.1	31
Cambridge	846	31	165	4	496.7	31	371	24	160	4	285.2	31	-	-	-	-	-	-
Kingsway	689	31	134	4	466.8	28	378	29	129	4	293.5	28	779	13	188	4	495.6	31
Kew	687	31	144	4	446	31	383	29	143	4	253	31	-	-	-	-	-	-
Aberporth	886	28	112	4	606.6	31	411	20	112	4	265.0	31	-	-	-	-	-	-

TABLE VIII—NUMBER OF DAYS IN MAY 1961 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	18	13	0	0	0	0	Birmingham	0	0	0	22	7	2	0	0
Stornoway	0	0	2	29	0	0	0	0	Kew Observatory	0	0	0	12	17	2	0	0
Craibstone	0	0	7	20	4	0	0	0	Hastings	0	0	0	18	12	1	0	0
Rothsay	0	0	1	19	11	0	0	0	Southampton	0	0	0	7	19	5	0	0
Renfrew	0	0	1	14	16	0	0	0	Stonyhurst	0	0	0	20	10	1	0	0
Eskdalemuir	0	0	2	20	7	2	0	0	Bidston Observatory	0	0	0	25	5	1	0	0
Douglas	0	0	0	28	3	0	0	0	Holyhead (Valley)	0	0	0	26	5	0	0	0
Cockle Park	0	0	5	20	6	0	0	0	Falmouth	0	0	0	17	14	0	0	0
Gorleston	0	0	0	22	9	0	0	0	Aldergrove	0	0	0	22	9	0	0	0
Cambridge	0	0	0	11	18	2	0	0	Armagh	0	0	0	21	7	3	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										BRIGHT SUNSHINE	
				Means of				Highest Maximum and Lowest Minimum						Total Fall	Percentage of Average	Most in a day											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.				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		
1959 OCTOBER 1959 ANNUAL	KEW OBSERVATORY KEW OBSERVATORY	G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.		°C.				in.	%	in.	-0.1in. (0.2mm.) or more	-0.4in. (1.0mm.) or more									hr	%
												55.1°	58.6°															
												52.3°	53.1°															

DUPLICATE
Monthly Weather Report
OF THE METEOROLOGICAL OFFICE

M.O. 701

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

Volume 78 Number 6

Published by HER MAJESTY'S STATIONERY OFFICE

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June 1961 — *Dry; sunny in the south; very warm towards end of month*

Apart from the 7th-12th, when small depressions moved across the country, weather during the major part of June was anticyclonic in character with a ridge of high pressure extending from the Azores anticyclone towards north-west Europe.

The month opened with northerly winds and cold wet weather over the eastern half of the country and temperatures generally some 7°C below average; at Kew temperature during the afternoon reached only 10.6°C, the lowest June maximum since 1916. In the north-west, however, weather was warm and sunny with over 13 hours of sunshine at many places. Warmer air from the Atlantic spread across the whole country on the 2nd, as winds backed to between west and north-west, and the next few days were warm and sunny in most places although there was some occasional slight rain in western and northern districts.

On the 7th a shallow depression approached Scotland from the west and an associated frontal system brought rain to all districts as it moved eastwards across the British Isles. There were showers and thunderstorms the following day in the unstable north-westerly air-stream behind the front. Another minor depression moved eastwards across northern England on the 10th and 11th but it brought some very heavy rain, accompanied by thunder, to parts of the north-west; many places in northern England having more than 1 in. of rain in 24 hours. This depression was followed by a deeper one which moved across southern England on the 12th. Rain was heavy over an area extending from South Wales to the Thames Estuary with falls of more than 1 in. in 24 hours in many central and southern districts. Weather in Scotland during this period, however, was dry and sunny; in the three days 10th-12th Stornoway recorded more than 43 hr of sunshine.

With a ridge of high pressure moving eastwards across the country, the 13th and 14th were fine and sunny. During the next three of four days there was a complex depression in the neighbourhood of Iceland which gave west to south-west gales in parts of Scotland on the 17th and 18th, with gusts reaching 50 kt locally, and associated fronts brought rain to most northern districts from 15th to 17th and some occasional slight rain further south.

During the next few days a ridge of high pressure extended eastwards across the British Isles from an anticyclone to the north of the Azores. Apart from a little rain in the north and west weather was fine generally with steadily rising temperatures. However, there was some slight ground frost in the North Midlands on the morning of the 21st.

The eastward movement of weak fronts across the country was resumed on the 21st, and with the arrival of a warm and humid air-stream from the region of the Azores weather during the next three or four days was cloudy with low stratus in some western districts. There was extensive sea fog in the South-Western Approaches and patches in coastal areas, but further inland weather was fine and sunny and temperatures continued to rise steadily; 29°C was reached at a number of places on both the 24th and 25th.

On the 26th thundery rain from France spread into southern England, but this was soon followed by brighter weather as an anticyclone moved into northern France the next day. During the remainder of the month weather was often cloudy with rain at times in western and northern Scotland and Northern Ireland but elsewhere

it was fine and very warm. Afternoon temperatures exceeded 30°C in many parts of England on the 30th and reached 31.1°C at Gillingham, Kent.

Pressure and Wind — Mean pressure was below the 1921-50 average in the north and above in the south, the deviations at 9h ranging from -3.1 mb at Lerwick to +1.9 mb at Scilly. Surface winds were mainly northerly on the 1st, backing to between west and north-west on the 2nd and becoming generally south-westerly on the 3rd-6th, after which they were variable until the 14th, becoming generally westerly until the 25th, north-westerly on the 26th and 27th and then south-westerly until the end of the month. Gales, which were mainly confined to Scotland, occurred there in exposed places on the 16th-19th, 22nd, 24th and 28th. Wind reached gale force at Moor House, Westmorland, on the 16th. A gust of 56 kt was recorded at Lerwick on the 18th.

Temperature — Mean temperature, in spite of the very warm weather at the end of the month, was only 0.4°C above the 1921-50 average in England and Wales; it was equal to the average in Scotland and Northern Ireland. The coldest period generally was the 9th-12th, and there was ground frost and some local air frost on the 10th-14th; on the morning of the 12th temperature on the grass at a number of places in Scotland fell to -7°C.

Extremes included: (England and Wales) 31.1°C at Gillingham, Kent, on the 30th, -2.2°C at Santon Downham and at Alwen on the 14th; (Scotland) 24.4°C at North Berwick on the 30th, -3.0°C at Glenlivet on the 12th and 14th; (Northern Ireland) 23.9°C at Belfast on the 24th, 0.0°C at Lislap Forest on the 1st.

Precipitation — The general rainfall expressed as a percentage of the 1916-50 average was 69 over England and Wales, where it was the driest June since 1951, 82 over Scotland and 78 over Northern Ireland. Less than half the average rainfall was recorded in Devon, Somerset, Wiltshire, around the Wash, in the mid-Severn Valley, on the Cumberland coast, in the Lothians and in east Stirlingshire. More than 150 per cent of the average occurred in the Ben Nevis area, locally in the north-west Highlands and in northern Sutherland.

Thunder was heard in Scotland on the 8th-10th, 15th and 25th (5 days) and in England and Wales on the 6th-9th, 11th, 12th, 14th, 25th, 26th and 30th (10 days). Thunderstorms were widespread on the 8th and occurred widely in southern England on the 26th.

Sunshine — The general sunshine expressed as a percentage of the 1921-50 average was 109 in England and Wales, 85 in Scotland and 82 in Northern Ireland. In Scotland and Northern Ireland sunshine was below average almost everywhere, in some places the deficit was as much as 40-50 hours. Elsewhere the sunniest places were generally in eastern and southern England; Cromer, Bath and Birmingham all had 124 per cent of their average sunshine.

Fog — There was little fog apart from patches of coastal fog in south and south-west England on the 17th and 22nd-25th, and in the Channel Islands on the 16th, 18th, 25th and 26th. Early morning fog occurred at widely separated places on 4 days in Scotland and on the 1st, 5th, 6th, 8th, 9th, 11th and 12th in England and Wales.

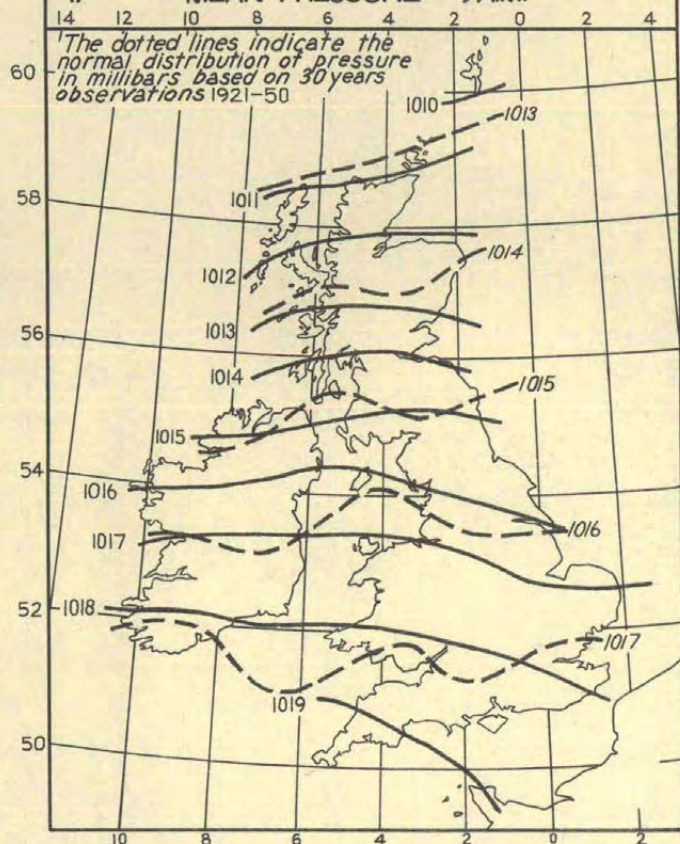
Miscellaneous Phenomena — The aurora was not observed anywhere during the month.

MWR dup

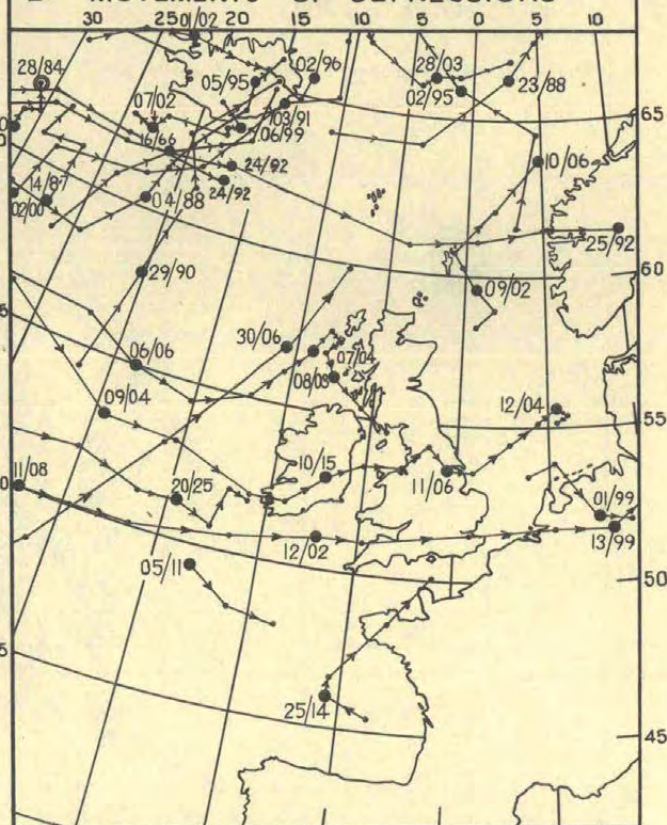
MONTHLY WEATHER CHARTS

JUNE 1961

1. MEAN PRESSURE 9 A.M.

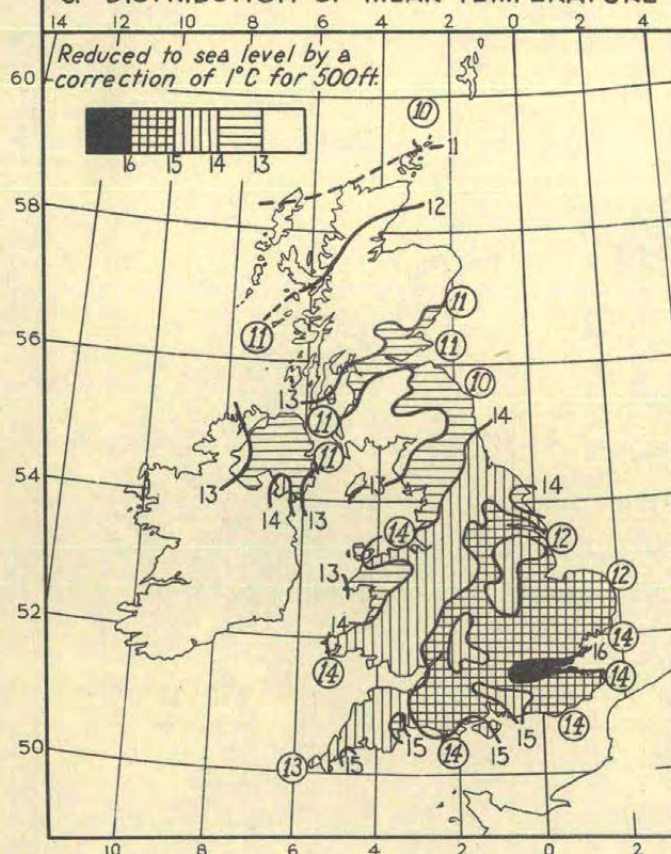


2. MOVEMENTS OF DEPRESSIONS



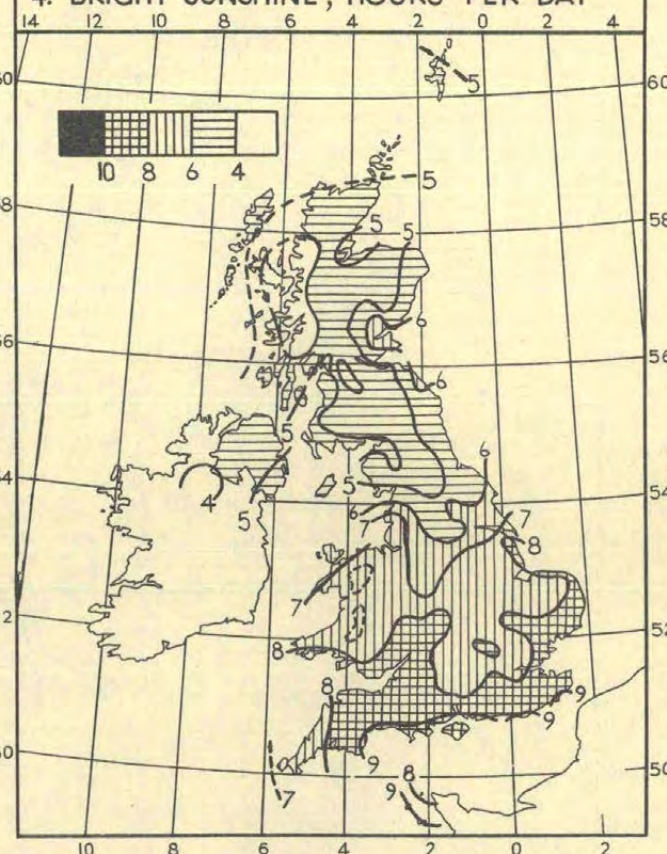
Positions of centres shown thus: ● at 12h.
First two figures show date, last two central pressure (mb)

3. DISTRIBUTION OF MEAN TEMPERATURE



Sea temperatures are shown by figures in circles, thus: ⑩

4. BRIGHT SUNSHINE, HOURS PER DAY



RAINFALL

JUNE 1961

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

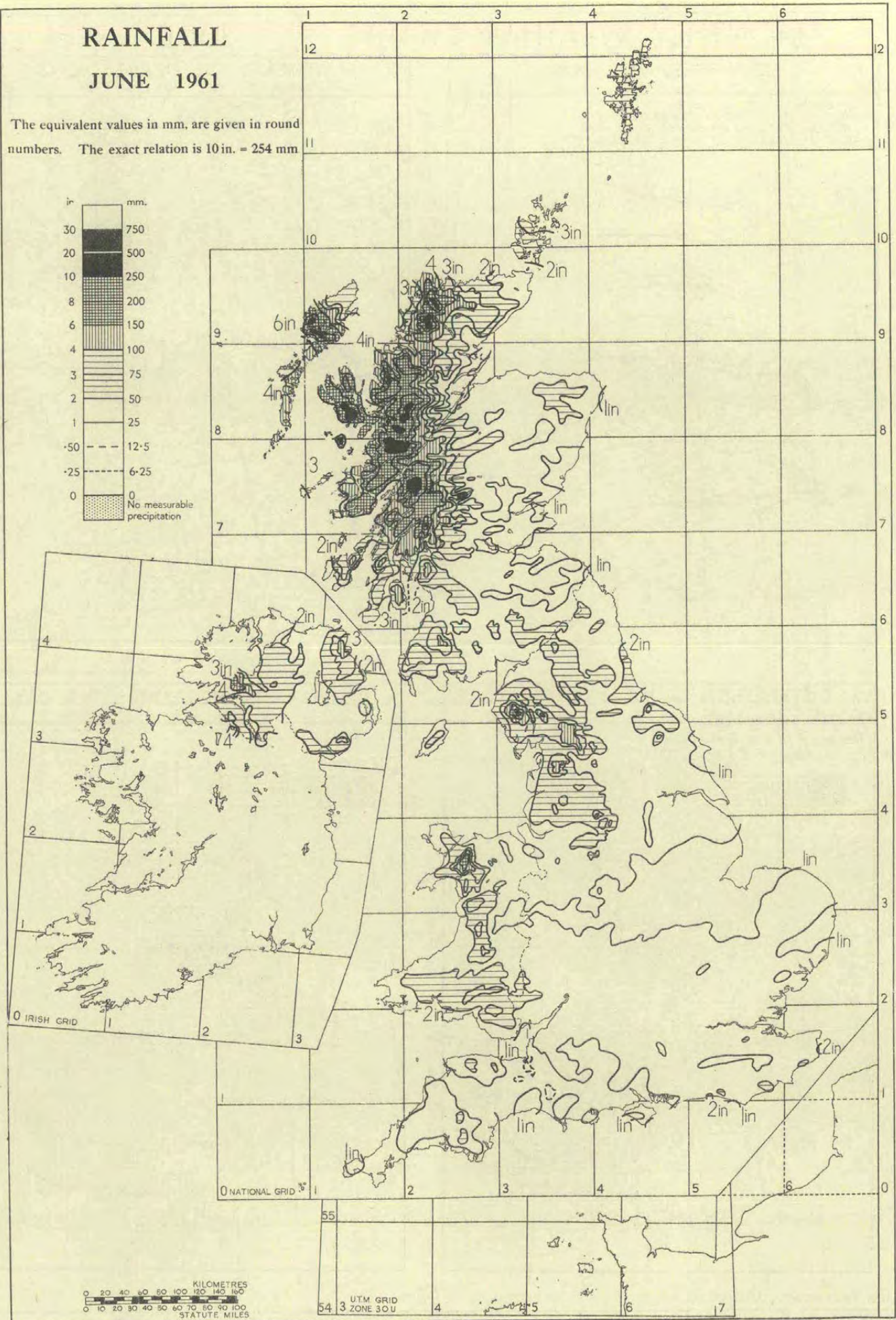
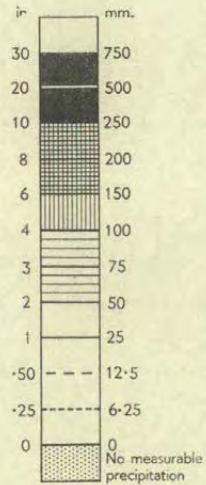


TABLE III—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER JUNE 1961

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 -0.1in.(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. (°C. or less)	Gale	Daily Mean	Per-centage of Average							
			A Max.	B Min.		Maximum	Date	Minimum	Date					Amount	Date																		
			°C.	°C.		°C.	°C.	°C.	°C.					°C.	°C.												in.	%	in.				
0 SCOTLAND, N.			G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.																	
Zetland	Lerwick Obs'ys. ¶	21-9	269	12.4	7.6	10.0	+0.3	15.4	30	3.3	13	-	-	3.26	155	.45	16	19	15	0	0	0	0	0	0	0	0	0	5	5.08	95		
	Baltsound ...	9 9	78	12.8	7.3	10.1	-	16.7	30	3.3	11	7.9	-	3.66	142	.84	9	22	14	0	0	1	0	0	0	0	0	0	2	4.77	-		
Orkney	Sule Skerry ...	9 9	43	12.4	9.1	10.7	-	16.0	30	7.0	10	-	-	3.28	-	.65	8	22	16	0	0	0	0	0	0	0	0	0	-	-	-		
	Kirkwall (Grimsetter) ...	21-9	84	13.7	8.1	10.9	-	18.3	29	2.8	14	-	-	2.55	125	.62	8	22	15	0	0	0	0	0	0	0	0	3	5.08	-	-		
Caithness	Dounreay ...	9 9	70	14.8	7.7	11.3	-	20.6	29	0.0	12	-	-	1.65	-	.42	8	19	13	0	0	0	0	0	0	0	1	3	0	-	-		
	Halkirk (Olgrinbeg) ...	9 9	232	15.3	6.3	10.8	-	20.6	29	-2.8	12	-	-	1.40	-	.29	5	19	12	0	0	0	0	0	0	0	1	2	0	-	-		
	Wick ... ¶	21-9	119	14.5	7.8	11.1	+0.5	18.4	23, 29	0.4	14	-	-	1.31	64	.26	5	22	11	0	0	0	1	0	0	0	3	0	4.93	84	-		
Sutherland	Cape Wrath ...	21-9	367	12.0	8.4	10.2	-	16.5	29, 30	6.0	11, 27	-	-	5.41	182	.63	8	21	19	0	0	0	0	0	0	0	1	0	0	-	-		
	Lairg (Achany) ...	9 9	240	16.1	7.2	11.7	-	20.6	29	-0.5	12	12.3	9.5	2.77	-	.90	8	22	16	0	0	0	0	0	0	0	1	0	1	9	1	-	
	Strathay ...	9 9	120	15.3	7.4	11.3	-	21.1	29	-0.5	12	-	-	2.55	105	1.32	8	20	12	0	0	0	0	0	0	0	2	0	1	-	4.67	-	
Ross & Cromarty	Stornoway ¶	21-9	11	14.0	8.4	11.2	-0.1	17.8	29	1.4	1	-	-	2.93	114	.39	16	22	17	0	0	0	0	0	0	0	0	4	1	5.21	95	-	
	Balmacara ...	9 9	2	13.5	7.7	10.6	-	(18.3)	14	4.4	8	-	-	6.11	-	.75	24	29	28	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Achnashellach ...	9 9	220	14.9	8.1	11.5	-0.6	17.8	14, 29	0.0	1	-	-	7.58	151	1.10	23	27	20	0	0	0	0	0	0	0	0	1	-	0	-	-	
	Kinlochewe ...	9 9	76	15.9	8.4	12.1	-	20.0	30	0.0	1	-	-	6.18	-	.82	17	24	19	0	0	0	0	0	0	0	0	1	5	1	2.93	-8	
	Garve (Blackbridge) ...	9 9	690	-	-	-	-	-	-	-	-	-	-	2.04	-	-	16	13	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Fortrose ... ¶	9 9	15	15.2	8.9	12.1	0.0	18.3	30	3.9	12	-	-	1.27	71	.80	25	16	5	0	0	0	0	0	0	0	0	3	5.30	90	-		
	Tarbatness ...	21-9	60	14.8	9.7	12.3	-	20.5	29	8.0	1, 27	-	-	1.10	-	.22	5	14	9	0	0	0	0	0	0	0	0	0	-	0	-	-	
Inverness	Benbecula ...	21-9	19	14.1	9.1	11.6	-	17.2	29	3.7	11	-	-	5.02	172	.87	30	21	16	0	0	0	0	0	0	0	0	2	1	5.25	-	-	
	Isle of Rhum ...	9 9	15	15.1	9.0	12.1	-	18.3	14, 29	3.9	1	14.5	11.8	11.30	-	1.61	24	20	20	0	0	0	0	0	0	0	1	0	1	-	-	-	
	Prabost ...	9 9	220	14.6	8.4	11.5	-	18.3	14, 29	4.4	10, 13	-	-	7.51	-	1.38	16	23	20	0	0	0	0	0	0	0	0	3	3	3.84	-	-	
	Duntulm ...	9 9	294	13.1	8.3	10.7	-	16.7	14	4.4	1	-	-	5.78	173	.93	28	23	21	0	0	0	0	0	0	0	0	0	2	4	4.71	-	
	Onich ... ¶	9 9	48	14.9	8.6	11.7	-0.7	17.8	30	3.3	1, 14	-	-	7.58	155	2.32	24	26	22	-	-	-	-	-	-	1	0	5	-	3.24	688	-	
	Fort William (Camaghael) ...	9 9	27	15.5	9.2	12.3	-	19.4	30	2.2	13	13.5	12.4	4.98	-	1.35	24	23	18	0	0	0	0	0	0	0	0	0	1	0	4.09	-	-
	Fort Augustus ...	9 9	70	15.7	8.8	12.3	-0.1	20.6	30	2.8	14	-	-	2.00	-	.58	17	18	10	0	0	0	0	0	0	0	0	0	0	4.67	-8	-	
	Cannich ...	9 9	350	16.2	7.0	11.6	-	19.4	29, 30	(-1.1)	14	-	-	1.43	57	.50	23	12	11	0	0	0	0	0	0	0	0	2	7	0	-	-	
	Dalwhinnie ...	18-9	1176	14.3	6.8	10.5	-	19.0	30	1.0	10	-	-	2.37	89	.47	24	18	13	0	0	0	0	0	0	0	0	0	7	0	4.14	-8	-
	Inverness ...	9 9	13	16.4	9.4	12.9	-	21.1	30	3.9	12, 14	-	-	.32	-	.12	17	5	4	0	0	0	0	0	0	0	0	0	-	5.42	-	-	
	Achnagoichan ...	9 9	1000	15.3	6.7	11.0	-	21.1	30	-1.7	12	9.9	-	1.75	-	.50	8	16	11	-	-	-	-	-	-	2	6	-	-	-	-	-	
	Glenmore Lodge ...	9 9	1120	15.2	6.1	10.7	-	20.1	29	-2.3	12	-	-	1.78	-	.51	10	19	10	4	0	0	0	0	0	0	0	3	6	0	3.98	-8	-
1 SCOTLAND, E.																																	
Nairn	Nairn ... ¶	9 9	20	16.9	8.2	12.5	+0.2	21.7	29, 30	0.6	14	-	-	1.78	95	.61	25	17	8	0	0	0	0	0	0	0	0	0	2	0	5.65	99	-
	Grantown-on-Spey ...	9 9	720	17.3	6.5	11.9	-	23.3	22, 23	-1.7	12	-	-	.99	-	.27	10	16	12	-	-	-	-	-	-	0	2	3	-	-	-	-	-
	Forres ...	9 9	155	16.8	8.4	12.6	-	23.3	29	0.6	12	13.5	10.9	1.35	67	.43	25	17	9	0	0	1	0	0	0	0	0	0	1	5.31	-	-	
	Kinloss ...	21-9	15	16.8	8.6	12.7	-	22.3	29	0.6	12	-	-	1.63	-	.54	25	16	10	0	0	1	0	0	0	0	0	0	3	0	5.33	-	-
	Elgin ...	9 9	92	16.9	8.9	12.9	-	22.8	30	2.2	12, 14	-	-	1.20	-	.28	25	18	10	0	0	0	0	0	0	0	0	0	2	0	5.46	-	-
	Lossiemouth ...	9 9	21	16.6	8.3	12.5	-	22.2	30	1.7	12	-	-	1.15	-	.28	25	11	8	0	0	0	0	0	0	0	0	0	1	3	-	-	-
	Gordon Castle ...	9 9	104	16.9	7.6	12.3	-0.3	22.2	30	1.7	12, 14	-	-	1.66	73	.40	8	16	8	-	-	-	-	-	-	-	-	-	-	-	4.92	86	-
Banff	Glenlivet ...	9 9	1085	15.3	5.5	10.4	-	22.4	29	-3.0	12, 14	9.1	-	1.15	45	.18	25	17	12	0	0	1	0	0	0	0	0	3	8	2	4.95	-	-
Aberdeen	Braemar ...	9 9	1113	15.2	6.4	10.8	-0.3	20.6	29	-1.7	12	-	-	.99	53	.30	8	17	6	-	-	-	-	-	-	0	1	5	-	5.26	-8	-	
	Balmoral ...	9 9	927	15.7	6.1	10.9	-0.3	21.7	29	-1.1	12	-	-	.60	32	.17	8	14	6	0	0	0	0	0	0	0	0	3	6	0	-	-	-
	Logie Coldstone ...	9 9	608	16.7	7.5	12.1	+0.1	23.9	29	-1.1	14	-	-	.86	-	.31	8	15	8	-	-	-	-	-	-	1	-	-	-	-	-	-	-
	Huntly ...	9 9	405	16.6	8.1	12.3	-	21.6	29	1.6	14	-	-	2.09	-	.43	7	15	12	0	0	0	0	0	0	0	0	0	1	0	-	-	-
	Fyvie Castle ...	9 9	218	16.6	8.0	12.3	-	21.7	29	0.0	14	-	-	1.93	-	.40	7	14	13	-	-	-	-	-	-	1	3	-	-	4.98	-	-	
	Craigstone ¶	9 9	3																														

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER JUNE 1961

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 Air and Soil	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	1 ft.	4 ft.				Amount	Date												0.1 in. (0.25 mm.) or more	0.1 in. (0.25 mm.) or more	
					Max.	Min.			°C.	°C.	°C.	°C.	°C.	°C.				°C.	°C.												in.	%	in.
1 SCOTLAND, E.—cont.																																	
Midlothian cont.																																	
Penicuik ...			99	620	16.6	7.6	12.1	-	21.7	30	1.1	1	13.4	-	1.21	-	.30	10	16	10	0	0	0	0	0	0	0	0	2	1	5.01	-8	
Bush House ...			99	605	15.6	8.0	11.8	-	21.1	30	0.6	1	12.2	10.6	1.16	-	.41	10	14	10	0	0	0	0	0	0	0	0	2	0	-	-	
Edinburgh—																																	
Blackford Hill §			99	441	16.8	9.4	13.1	+0.4	21.7	29,30	5.0	1,13,14	-	-	.89	47	.33	10	11	7	0	0	0	0	0	0	0	0	0	4.87	75		
Liberton ...			99	200	17.1	9.1	13.1	-	(22.2)	30	3.3	1,14	-	-	.86	-	.37	10	8	8	0	0	0	0	1	0	0	1	1	4.83	-		
Botanic Garden ...			99	74	16.8	9.1	12.9	-	22.2	30	3.9	1	13.1	-	.83	-	.25	9	12	6	0	0	0	0	2	0	0	0	0	5.10	-		
E. Lothian																																	
Haddington ...			99	162	17.4	8.7	13.1	-	23.3	30	2.2	14	-	-	.69	-	.25	8	9	7	0	0	0	0	0	0	0	1	0	3.75	-		
North Berwick ...			99	51	17.3	9.7	13.5	+0.8	24.4	30	5.6	2	-	-	.57	29	.13	10	8	6	0	0	0	0	0	0	0	0	1	5.15	77		
Dunbar ...			99	75	17.2	10.2	13.7	-	23.9	30	5.6	14	-	-	.84	-	.28	8	8	5	0	0	0	0	1	0	0	0	0	6.71	-		
Berwick																																	
Marchmont §			99	498	16.7	8.4	12.5	0.0	23.3	30	3.3	14	-	-	.90	45	.37	10	12	6	0	0	0	0	0	0	0	0	0	5.99	978		
St. Abb's Head ...			99	245	15.3	10.5	12.9	-	22.3	30	7.0	14	-	-	.80	-	.18	10	11	7	0	0	0	0	0	0	0	0	0	-	-		
Peebles																																	
Broughton ...			99	741	15.8	7.4	11.6	-	21.7	30	0.0	1	-	-	1.12	-	.22	25	17	9	0	0	0	0	0	0	1	5	0	-	-		
Blyth Bridge ...			99	830	15.3	7.5	11.4	-	20.0	30	1.1	13	-	-	.98	-	.21	25	15	8	0	0	0	0	0	0	0	0	0	4.05	-		
West Linton ...			99	800	15.4	6.9	11.1	-	20.6	30	0.6	1,13,14	12.4	10.6	1.54	-	.41	10	14	9	0	0	1	0	0	0	0	0	0	4	-		
Peebles ...			99	645	16.1	7.7	11.9	-	(21.1)	24	(1.1)	1	-	-	.74	-	.21	10	10	7	0	0	0	0	0	0	0	3	1	4.32	-		
Peebles (Glenfress) ...			99	580	16.4	7.6	12.0	-	21.7	30	1.1	1,14	-	-	.79	-	.21	25	10	6	0	0	0	0	0	0	0	0	0	-	-		
Selkirk																																	
Selkirk (Bowhill) ...			99	600	16.8	7.7	12.3	-	22.8	30	0.6	14	-	-	.83	-	.37	10	10	5	0	0	0	0	0	0	0	0	0	-	-		
Roxburgh																																	
Hawick (Wauchope) ...			99	560	16.8	6.8	11.8	-	23.9	30	1.1	14	-	-	1.01	-	.66	10	11	5	0	0	0	0	0	0	0	0	0	-	-		
Sourhope ...			99	900	16.1	7.3	11.7	-	23.9	30	2.2	28	-	-	1.68	-	.99	10	13	7	0	0	0	0	0	0	0	0	3	0	4.64	-	
6a SCOTLAND, W.																																	
Argyll																																	
Tiree ... §			21-9	29	14.5	9.5	12.0	0.0	16.6	29	5.0	13	-	-	2.02	72	.33	14	21	15	0	0	0	0	1	0	0	0	1	0	5.27	77	
Rhuvaal ...			21-9	65	14.7	9.9	12.3	-	18.1	29	8.0	10	-	-	3.19	-	.46	14	21	16	0	0	0	0	0	0	0	0	0	0	-	-	
Colonsay ...			99	87	15.1	8.9	12.0	-	18.3	29	5.6	14	-	-	2.72	82	.36	17	19	15	0	0	0	0	0	0	0	0	0	2	-	-	
Campbeltown ...			99	10	15.8	9.3	12.5	-	18.9	25,26	5.0	12	-	-	2.01	-	.61	5	13	9	0	0	0	0	0	0	0	0	0	0	4.94	-	
Tarbert (Achlaglachgach) ...			99	40	15.8	8.5	12.1	-	18.9	15	2.8	1	-	-	3.93	-	.42	25	24	22	0	0	0	0	0	0	0	0	0	2	0	-	-
Oban ...			99	229	14.9	9.1	12.0	-	18.9	14	5.6	13	-	-	3.98	112	.72	24	23	20	0	0	0	0	0	0	0	0	0	0	3.84	66	
Lephrimore ...			99	30	16.2	9.2	12.7	-	19.4	13,14	4.4	1	-	-	3.68	-	.50	17	22	16	0	0	0	0	0	0	0	0	0	0	4.20	-	
Glenbranter ...			99	120	15.6	7.7	11.7	-0.8	19.4	30	1.7	1	-	-	5.41	104	1.10	24	21	18	0	0	0	0	0	0	0	0	0	0	-	-	
Benmore (Forestry Sch.) ...			99	46	16.4	7.9	12.1	-	22.2	4	2.2	14	13.2	11.8	4.48	85	.48	17	21	20	0	0	0	0	0	0	0	0	0	0	-	-	
Benmore (Younger Bot. Gdn.) ...			99	40	16.2	9.2	12.7	-	19.4	4	3.9	14	-	-	3.88	-	.45	17	21	18	0	0	0	0	0	0	0	0	1	0	-	-	
Bute																																	
Lochranza ...			99	35	15.7	9.3	12.5	-0.2	19.4	14	5.6	2	13.3	11.6	3.78	109	1.11	5	21	15	0	0	0	0	0	0	0	0	0	0	5.36	86	
Rothsay ... §			99	150	15.7	9.3	12.5	-0.2	19.4	14	5.6	2	13.3	11.6	3.78	109	1.11	5	21	15	0	0	0	0	0	0	0	0	0	0	-	-	
Millport ...			99	16	15.3	9.9	12.6	-	17.8	29	6.7	1	-	-	3.01	110	1.07	5	18	14	0	0	0	0	0	0	0	0	0	0	-	-	
Helensburgh ...			99	293	16.2	8.7	12.5	-0.5	19.4	29,30	3.3	1	-	-	2.27	67	.39	5	19	18	0	0	0	0	0	0	0	0	0	0	-	-	
Dunbarton																																	
Stirling ...			99	151	17.5	10.0	13.7	+0.1	21.7	30	3.9	1	15.1	11.0	.96	43	.42	9	9	4	0	0	0	0	0	0	0	0	0	0	-	-	
Falkirk ...			99	100	16.6	9.8	13.2	-0.2	20.6	30	6.7	1	-	-	1.18	-	.26	9	11	9	0	0	0	0	0	0	0	0	0	0	-	-	
Renfrew																																	
Greenock ...			99	200	16.6	9.8	13.2	-0.2	20.6	30	6.7	1	-	-	2.71	81	.43	17	22	16	0	0	0	0	0	0	0	0	0	0	4.96	-	
Paisley ...			99	106	17.2	9.7	13.5	-0.4	21.1	30	4.4	1	13.2	11.1	1.45	56	.30	25	13	8	0	0	0	0	0	1	0	1	2	5.12	84		
Barrhead ...			99	97	16.5	8.8	12.7	-	21.1	30	1.7	1	-	-	1.53	-	.31	25	14	10	0	0	0	0									

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER JUNE 1961

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 -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	Per-centage of Average					
			A	B		Maximum	Date	Minimum	Date	1 ft.																4 ft.				
			Max.	Min.		Max.	Min.	Max.	Min.	Max.																Min.				
G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.											hr	%					
2 ENGLAND, N.E.—cont.																														
Northumberland cont.	Acklington ...	21-9	138	17.3	8.5	12.9	-	25.5	30	1.8	14	-	-	1.75	-	.81	10	10	6	0	0	0	0	0	0	0	0	5.63	-	
	Tynemouth ...	21-9	95	17.1	10.7	13.9	+1.0	26.0	30	6.0	14	-	-	2.48	142	.87	10	8	6	0	0	0	0	0	0	0	0	5.49	-	
	Chopwellwood ...	9 9	446	17.7	8.4	13.1	+0.2	26.1	30	2.8	14	-	-	2.04	100	1.05	10	12	7	0	0	0	0	0	0	0	0	-	-	
	Ushaw College ...	9 9	594	17.2	8.7	12.9	-0.1	25.6	30	3.3	14	-	-	2.08	110	1.00	10	10	8	0	0	0	0	0	0	0	0	-	-	
	Houghall ...	9 9	123	18.2	8.0	13.1	-0.2	26.1	30	0.0	2, 14	-	-	1.88	98	.99	10	9	7	0	0	0	0	0	0	0	0	5.78	968	
	Durham ...	9 9	336	18.1	8.9	13.5	+0.4	26.1	30	1.7	14	13.3	10.9	1.87	104	1.10	10	10	7	-	-	-	-	-	-	0	4.96	82		
	Gateshead ...	9 9	509	16.9	9.8	13.3	-	25.6	30	5.0	14	-	-	1.89	-	1.12	10	10	7	-	-	-	-	-	1	0	2	5.97	-	
Yorks., N. Riding	Middleton St. Gge. ...	21-9	115	18.5	9.5	14.0	-	26.4	30	2.8	14	-	-	1.92	-	1.02	10	10	8	0	0	0	0	0	0	0	0	5.92	-	
	West Hartlepool ...	9 9	30	18.2	10.5	14.3	-	27.2	30	5.0	14	-	-	1.94	-	.88	10	12	7	0	0	0	0	0	0	0	0	5.24	-	
	Hawes ...	-	745	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Dishforth ...	21-9	105	19.3	9.9	14.6	-	28.1	30	3.1	14	-	-	1.23	69	.63	10	9	7	0	0	0	0	0	0	0	0	6.28	-	
	York ...	9 9	57	19.8	10.6	15.2	+0.7	28.9	30	4.4	14	14.9	12.2	1.25	68	.58	10	10	7	0	0	0	0	0	0	0	0	6.21	99	
	Ampleforth ...	9 9	313	18.5	9.4	13.9	+0.5	26.1	30	3.9	14	-	-	1.73	81	.71	10	10	6	-	-	-	-	-	-	0	-	-		
	Redcar ...	9 9	25	18.6	10.7	14.7	-	27.8	30	4.4	14	-	-	1.88	107	.47	10	9	8	0	0	0	0	0	0	0	0	5.97	-	
Yorks., E. Riding	Whitby ...	9 9	135	18.4	10.0	14.2	-	27.2	30	3.3	14	-	-	1.88	103	.43	8	8	8	0	0	0	0	0	0	0	0	5.61	-	
	Scarborough ...	9 9	118	18.5	10.8	14.7	+0.8	24.4	29	6.1	2, 14	-	-	.99	58	.31	8, 10	8	7	0	0	0	0	0	0	0	0	6.11	95	
	Silpho Moor ...	9 9	665	18.3	8.9	13.6	-	26.1	30	3.9	14	12.3	-	1.99	-	.53	8	12	10	0	0	0	0	0	0	0	0	-	-	
	High Mowthorpe ...	9 9	574	17.5	8.7	13.1	-	26.1	30	2.8	14	13.7	-	1.57	-	.48	11	10	6	0	0	0	0	0	0	0	0	5.77	-	
	Hull ...	9 9	8	20.2	10.6	15.4	+0.9	28.3	30	3.3	2, 14	14.2	10.6	1.22	71	.35	1	8	8	0	0	0	0	0	0	0	0	6.74	108	
	Leconfield ...	21-9	24	19.3	9.5	14.4	-	27.9	30	2.4	2	-	-	1.20	-	.39	1	8	5	0	0	0	0	0	0	0	0	6.91	-	
	Filey ...	9 9	122	17.8	9.3	13.5	-	23.3	29	2.8	14	-	-	.76	-	.24	10	10	8	0	0	0	0	0	0	0	0	6.50	-	
Lincoln	Bridlington ...	9 9	157	17.9	9.2	13.5	-	24.4	24	3.9	14	-	-	.92	-	.32	8	8	7	0	0	0	0	0	0	0	0	6.80	-	
	Spurn Head ...	21-9	29	18.3	11.3	14.8	+1.1	26.0	24	7.4	2	-	-	1.35	-	.75	1	7	4	0	0	0	0	0	0	0	0	7.44	112	
	Gainsborough ...	9 9	110	19.7	9.3	14.5	-	28.9	30	3.9	14	-	-	1.65	-	.44	12	8	7	0	0	0	0	0	0	0	0	-	-	
	Waddington ...	21-9	224	19.5	10.3	14.9	-	29.0	30	5.6	2	-	-	.61	-	.14	8	7	7	0	0	0	0	0	0	0	0	7.05	-	
	Lincoln ...	9 9	22	20.3	8.7	14.5	-	28.3	30	0.6	14	14.3	12.2	1.04	-	.27	8	9	7	0	0	0	0	0	0	0	0	7.40	-	
	Cranwell ...	9 9	205	20.2	9.7	14.9	+0.7	29.2	30	4.4	14	15.7	14.1	.43	27	.15	26	8	4	0	0	0	0	0	0	0	0	7.57	1128	
	Cleethorpes ...	9 9	23	20.9	10.5	15.7	+1.7	28.3	30	5.6	13	-	-	1.29	80	.40	1	8	7	0	0	0	0	0	0	0	0	8.03	119	
3 ENGLAND, E.	Manby ...	21-9	55	19.6	9.0	14.3	-	26.8	24, 30	2.4	14	-	-	1.07	-	.43	1	7	5	0	0	0	0	0	0	0	0	8.42	-	
	Skegness ...	9 9	15	20.1	10.3	15.2	+1.4	29.4	24, 25	3.9	14	-	-	.65	43	.23	26	7	5	0	0	0	0	0	0	0	0	8.04	116	
Norfolk	Terrington ...	9 9	13	20.4	8.9	14.7	-	28.3	30	2.2	14	14.6	-	1.05	70	.40	1	7	6	0	0	0	0	0	0	0	0	6.41	-	
	St. Clement ...	21-9	76	20.5	9.6	15.1	-	29.2	30	2.2	14	-	-	.79	-	.31	12	9	6	0	0	0	0	0	0	0	0	-	-	
	Marham ...	9 9	80	21.6	6.8	14.2	-	30.0	30	-2.2	14	13.3	11.1	1.16	-	.39	15	8	7	-	-	-	-	-	-	0	3	10	-	
	Santon Downham ...	21-9	250	20.0	9.4	14.7	-	28.1	30	3.4	14	-	-	.89	-	.33	12	9	5	0	0	0	0	0	0	0	0	0	7.19	-
	West Raynham ...	9 9	178	19.3	10.4	14.9	+0.6	28.3	30	4.4	10	-	-	.83	56	.25	11	8	7	-	-	-	-	-	-	0	0	0	8.46	124
	Cromer ...	9 9	93	20.5	9.4	14.9	+0.6	28.3	25, 30	3.9	10, 14	14.1	-	1.24	71	.34	1	9	6	0	0	0	0	0	0	0	0	0	7.39	110
	Sprowston ...	9 9	89	20.2	9.9	15.1	-	28.3	25	4.4	14	-	-	1.53	91	.45	7	9	7	0	0	0	0	0	0	0	0	0	7.94	-
Suffolk	Burlingham ...	21-9	5	18.6	11.3	14.9	+0.8	28.1	25	5.1	14	15.4	13.0	.97	58	.35	11	7	4	0	0	0	0	0	0	0	0	0	8.20	116
	Gorleston ...	9 9	15	21.3	10.2	15.7	-	29.6	30	3.1	14	-	-	.78	52	.49	12	7	3	0	0	0	0	0	0	0	0	0	7.61	-
	Mildenhall ...	9 9	14	21.3	9.2	15.3	-	28.9	25, 30	2.2	14	-	-	1.29	-	.69	12	10	7	0	0	0	0	0	0	0	0	-	-	
	East Bergholt ...	21-9	292	20.0	9.3	14.7	-	27.2	25, 30	2.8	14	-	-	1.04	-	.44	12	7	5	0	0	0	0	0	0	0	0	-	-	
	Wattisham ...	9 9	10	19.2	12.4	15.8	+1.0	25.6	24	7.7	14	-	-	1.20	90	.64	12	7	4	0	0	0	0	0	0	0	0	8.57	113	
	Felixstowe ...	9 9	82	19.6	10.3	14.9	+0.7	27.8	24, 25	3.3	14	15.7	13.7	.76	47	.20	11	7	4	0	0	0	0	0	0	0	0	0	8.24	117
	Lowestoft ...	9 9	157	20.9	9.4	15.1	-	28.9	30	4.4	2	-	-	1.30	87	.98	12	8	4	0	0	0	0	0	0	0	0	0	8.08	-
Cambridge	Boxworth ...	9 9	41	21.6	9.3	15.5	+0.6	29.4	30	3.3	14	16.0	13.7	1.27	86	.89	12	8	5	0	0	0	0	0	0	0	0	-	-	
	Cambridge Bot. Gdn. ...	9 9	85	21.4	9.8	15.6	-	29.4	30	4.4	14	-	-	1.29	87	1.03	12	6	5	0	0	0	0	0	0	0	0	0	8.11	119
	Cambridge N.I.A.B. ...	21-9	129	20.6	10.3	15.5	-	29.4	30	5.9	2	-	-	1.19	-	.68	12	8	5	0	0	0	0	0	0	0	0	0	-	-
	Wyton ...	9 9	291	20.3	8.8	14.5	+0.4	28.9	30	4.4	10, 14, 20	15.3	12.1	1.26	74	.81	12	9	5	0	0	0	0	0	0	0	0	0	7.19	109
	Woburn ...	9 9	107	21.3	9.9	15.6	-	29.4	30	5.0	10, 14	-	-	1.49	-	.97	12	10	3	0	0	0	0	0	0	0	0	0	-	-
	Goldington ...	9 9	379	20.6	9.8	15.2	+0.9	29.4	30	4.4	3	15.9	12.5	1.48	95	1.07	12	6	4	0	0	0	0	0	0	0	0	0	7.55	110
	Luton ...	9 9	195	20.9	8.9	14.9	-	28.9	30	3.9	10, 14	15.3	12.2	.99	63	.75	12	6	4	0	0	0	0	0	0	0	0	0	7.65	-
Hertford	Silsoe ...	21-9	93	20.9	8.2	14.5	-	29.6	30	1.9	14	14.7	12.3	1.18	84	.78	12	8	4	0	0	0	0	0	0	0	0	0	7.37	-
	Cardington ...	9 9	209	21.0	9.8	15.4	-	29.4	30	5.0	2	-	-	1.38	-	.93	12	7	5	-	-	-	-	-	-	0	0	-	-	
	Letchworth ...	21-9	516	19.7	9.2	14.5	-	28.6	30	4.6	10	-	-	1.62	-	1.08	12	6												

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER JUNE 1961

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 Air and Soil	Difference from Average	Highest Maximum and Lowest Minimum						Total Fall	Percentage of Average	Most in a day		Precip'n 40 in. (0-2mm.) or more	40 in. (1-9mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. (1 C or less)	Gale	Daily Mean	Percentage of Average
				A Max.	B Min.			Maximum	Date	Minimum	Date	1 ft.	4 ft.			Amount	Date													
4 MIDLAND COUNTIES—cont.																														
Yorks.,	Ilkley ...	9 9	315	19.0	9.5	14.3	+0.6	27.2	30	2.8	14	-	-	1.29	57	.99	10	6	5	0	0	0	0	0	0	0	0	0	5.65	94
W. Riding—	Sheffield ...	9 9	429	19.2	10.3	14.7	+0.4	27.8	30	5.6	14	13.9	11.4	1.33	71	.62	12	10	7	0	0	0	0	0	0	0	0	0	6.66	108
cont.	Wakefield ...	9 9	121	20.7	9.4	15.1	+0.6	28.9	30	3.3	14	13.3	11.3	1.02	63	.54	10	8	6	0	0	0	0	0	0	0	0	0	-	-
	Killinghall ...	9 9	365	18.4	8.9	13.7	-	27.2	30	2.8	2	-	-	1.13	-	.71	10	7	6	0	0	0	0	0	0	0	0	0	6.43	-
	Pontefract ...	9 9	255	18.7	9.9	14.3	+0.6	27.2	30	6.1	10	-	-	1.15	71	.48	10	8	6	0	0	0	0	0	0	0	0	0	-	-
	Bramham ...	9 9	177	19.5	9.1	14.3	-	28.3	30	2.2	14	-	-	1.18	-	.48	10	9	6	0	0	0	0	0	0	0	0	0	6.25	-
	Cawood ...	9 9	20	19.7	8.9	14.3	-	27.8	30	2.2	14	14.9	12.8	1.29	70	.53	10	9	6	0	0	0	0	0	0	0	0	0	5.95	-
	Askham Bryan ...	9 9	110	19.4	9.4	14.4	-	28.3	30	3.9	14	-	-	1.30	68	.50	10	8	5	0	0	0	0	0	0	0	0	0	6.15	-
Derby	Buxton ...	9 9	1007	16.4	8.4	12.4	+0.1	25.6	30	2.2	14	13.4	12.3	2.01	63	.70	10	11	9	0	0	0	0	0	0	0	0	0	-	-
	Chapel en le Frith	9 9	728	17.7	7.8	12.7	-	26.7	30	1.7	14	-	-	2.14	-	.74	10	12	9	0	0	0	0	0	0	0	0	0	-	-
	Wirksworth ...	9 9	585	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mackworth ...	9 9	293	19.1	8.8	13.9	-	27.8	30	3.3	14	-	-	1.03	-	.28	12	6	6	0	0	0	0	0	0	0	0	0	-	-
	Belper ...	9 9	203	19.9	8.8	14.3	+0.1	27.2	24	2.2	14	-	-	1.06	59	.35	8	6	6	0	0	0	0	0	0	0	0	0	-	-
	Derby ...	9 9	159	20.2	9.8	15.0	-	28.9	30	3.3	14	-	-	1.21	-	.37	10	7	6	0	0	0	0	0	0	0	0	0	7.21	-
	Morley ...	9 9	350	19.6	9.1	14.3	-	28.3	30	4.4	10, 14	-	-	1.00	-	.30	12	7	6	0	0	0	0	0	0	0	0	0	7.28	-
	Chesterfield ...	9 9	298	17.9	8.9	13.4	-	27.8	30	3.3	14	-	-	1.38	-	.68	12	7	7	0	0	0	0	0	0	0	0	0	-	-
Nottingham	Sutton Bonington	9 9	157	19.8	8.7	14.3	+0.1	28.3	30	1.1	14	13.6	-	.79	54	.21	12	8	6	0	0	0	0	0	0	0	0	0	7.45	118
	Watnall ...	21-9	385	19.7	9.4	14.5	-	29.5	30	4.4	14	-	-	.93	54	.27	7	8	5	0	0	0	0	0	0	0	0	0	7.30	-
	Mansfield ...	9 9	382	19.3	10.1	14.7	+0.5	28.3	30	5.0	14	14.7	-	1.03	62	.27	7	6	6	0	0	0	0	0	0	0	0	0	1.0	-
	Nottingham *§	9 9	192	20.1	10.3	15.2	+0.5	28.9	30	5.0	14	14.7	12.3	.72	49	.18	26	8	7	0	0	0	0	0	0	0	0	0	7.17	119
	Warsop (Gleadthorpe)	9 9	150	19.8	7.6	13.7	-	27.8	30	0.0	14	-	-	1.00	67	.29	12	7	6	0	0	0	0	0	0	0	0	0	7.48	-
	Finningley ...	21-9	34	19.8	10.0	14.9	-	29.7	30	3.9	14	-	-	1.38	-	.40	12	9	8	0	0	0	0	0	0	0	0	0	6.77	-
	Langar ...	21-9	106	20.5	9.0	14.7	-	29.4	30	0.8	14	-	-	.52	-	.20	26	7	4	0	0	0	0	0	0	0	0	0	-	-
Leicester	Newtown Linford	9 9	388	20.0	7.8	13.9	-	27.8	30	1.7	14	-	-	.94	-	.31	12	8	7	0	0	0	0	0	0	0	0	0	7.45	-
	Leicester (Towers)	9 9	267	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Caldecott ...	9 9	175	20.9	7.3	14.1	-	30.0	30	-0.5	10, 14	-	-	.61	-	.27	12	6	5	-	-	-	-	0	2	3	-	7.26	-	
Northampton	Wellingborough...	9 9	298	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Raunds ...	9 9	193	20.9	8.8	14.9	-	29.4	30	2.8	14	15.7	11.8	1.54	103	.87	12	8	4	0	0	0	0	0	0	0	0	0	-	-
	Wittering ...	21-9	212	20.2	9.4	14.8	-	28.9	30	3.8	10	-	-	.83	-	.32	12	9	5	0	0	0	0	0	0	0	0	0	7.50	-
Warwick	Birmingham K.E.S.	9 9	450	19.6	9.9	14.7	-	27.2	30	5.6	10	-	-	.71	-	.36	12	7	5	0	0	0	0	0	0	0	0	0	-	-
	Birmingham *§	21-9	336	19.3	10.3	14.8	+0.5	27.2	30	7.2	1	12.0	10.6	.99	52	.36	12	9	5	0	0	0	0	0	0	0	0	0	7.53	124
	Luddington ...	9 9	138	20.9	8.8	14.9	-	28.9	30	3.3	10	-	-	1.54	97	1.21	12	5	3	0	0	0	0	0	0	0	0	0	7.57	-
	Stratford on Avon	9 9	160	20.9	8.3	14.6	-	28.3	30	3.3	21	16.9	-	1.65	-	1.29	12	6	3	0	0	0	0	0	0	0	0	0	8.21	-
	Birmingham Airport*	21-9	319	20.0	8.9	14.5	-	27.6	30	2.8	14	-	-	1.03	62	.44	12	7	4	0	0	0	0	0	0	0	0	0	8.09	-
	Shipston on Stour	9 9	365	19.9	9.3	14.6	-	27.8	30	5.6	10	14.3	-	1.47	-	1.07	12	8	5	0	0	0	0	0	0	0	0	0	7.68	-
	Wellesbourne ...	9 9	153	20.6	8.7	14.7	-	28.9	30	2.8	10	-	13.7	1.49	90	1.15	12	5	3	0	0	0	0	0	0	0	0	0	7.54	-
	Moreton Morrell...	9 9	280	20.4	7.8	14.1	-	28.3	30	3.9	2	-	-	1.62	-	1.23	12	10	4	0	0	0	0	0	0	0	0	0	7.49	-
	Coventry...	9 9	338	19.8	8.9	14.3	-0.4	27.8	30	4.4	10	15.0	11.6	.65	37	.32	12	7	4	0	0	0	0	0	0	0	0	0	6.97	1158
	Rugby ...	9 9	385	20.3	11.1	15.7	-	28.9	30	3.9	1	16.2	13.5	1.07	-	.47	12	10	7	0	0	0	0	0	0	0	0	0	-	-
Oxford	Oxford ... *§	9 9	208	20.8	10.2	15.5	+0.4	29.4	30	6.1	14	16.5	13.9	1.33	79	1.00	12	9	3	0	0	0	0	0	0	0	0	0	7.71	115
Buckingham	Aylesbury ...	9 9	316	20.7	9.1	14.9	-	28.9	30	4.4	1, 20	-	-	1.35	-	1.04	12	5	4	0	0	0	0	0	0	0	0	0	7.98	-
Stafford	Keele ...	9 9	387	17.6	9.0	13.3	-	25.6	30	5.6	1	13.7	11.2	1.23	59	.28	10	11	6	0	0	0	0	0	0	0	0	0	6.28	-
	Oaken ...	9 9	409	20.1	8.4	14.3	+0.5	27.2	30	3.9	14	14.1	-	1.08	-	.31	8	6	6	-	-	-	-	-	-	0	9	-	-	-
	Wheaton Aston ...	9 9	365	19.3	6.9	13.1	-	27.2	27	1.7	14	14.2	-	.74	-	.19	7	6	6	0	0	0	0	0	0	0	0	0	6.21	-
	Stone ...	9 9	350	19.1	8.1	13.6	-	26.7	30	2.8	14	-	-	1.14	-	.25	7, 12	6	6	0	0	0	0	0	0	0	0	0	6.67	-
	Penkridge ...	9 9	330	19.3	8.3	13.8	-	26.7	30	3.3	14	-	-	1.12	-	.55	12	6	6	0	0	0	0	0	0	0	0	0	-	-
	Onecote ...	9 9	1350	15.6	7.4	11.5	-	25.0	30	3.9	1	11.7	9.6	1.72	-	.93	8	8	8	0	0	0	0	0	0	0				

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER JUNE 1961

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. 0°C or less	Gale
				A Max.	B Min.			Maximum	Date	Minimum		Date	1 ft.		4 ft.	Amount	Date	-0.01 in. (0.2mm.) or more								-0.04 in. (1.0mm.) or more			
						Max. Min.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.										
5	ENGLAND, S.E.—cont.																												
Surrey	Wisley ...	9 9	180	21.3	9.2	15.3	+0.1	30.0	30	4.4	10	15.7	13.5	1.29	77	.70	12	10	6	0	0	0	1	0	0	0	7.96	115	
	Mickleham ...	9 9	179	20.4	8.0	14.2	-	28.3	30	2.8	10	-	-	1.48	87	.85	12	9	6	0	0	0	1	0	0	0	-	-	
	Kew Observatory §	21-9	18	21.0	11.4	16.2	+0.5	29.3	30	7.2	10	16.2	13.6	1.39	81	.95	12	6	4	0	0	0	1	0	0	0	8.05	115	
	Gatwick ...	21-9	192	21.2	8.1	14.7	-	28.8	30	2.8	10	-	-	.95	-	.54	12	10	5	0	0	1	0	0	0	0	6.23	-	
Kent	Croydon (Waddon)	9 9	220	21.1	10.2	15.7	+0.4	28.3	30	6.1	2	-	-	1.35	84	.86	12	10	5	-	-	-	-	-	-	-	-	-	
	Addington ...	9 9	474	20.6	10.4	15.5	+0.8	28.3	30	7.2	9,10,14	-	-	1.70	98	1.01	12	10	6	-	-	-	-	-	-	-	-	-	
	Bromley ...	9 9	213	21.3	10.7	16.0	+0.4	28.9	30	6.1	10	-	-	1.64	104	1.05	12	8	6	-	-	-	-	-	-	-	-	-	
	Swanley ...	9 9	177	21.8	8.8	15.3	-	29.4	30	1.7	10	15.1	-	1.53	-	1.09	12	8	4	0	0	0	0	0	0	0	7.42	-	
	Dartford ...	9 9	17	22.1	9.8	15.9	-	30.6	30	5.0	10	-	-	1.48	101	1.07	12	9	4	0	0	0	0	0	0	0	-	-	
	Tunbridge Wells	9 9	351	20.4	8.9	14.7	0.0	28.3	30	4.4	9,10	16.4	14.4	1.10	64	.45	12	8	6	0	0	0	1	1	0	0	8.72	116	
	Goudhurst ...	9 9	280	20.6	8.4	14.5	-	28.9	30	3.3	10	-	-	1.00	56	.61	12	8	4	0	0	0	1	0	0	0	-	-	
	East Malling §	9 9	122	21.3	8.5	14.9	+0.3	29.4	30	2.8	10	-	13.4	1.75	109	1.17	12	8	5	0	0	0	0	0	0	0	8.36	115	
	Benenden ...	9 9	185	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Gillingham ...	9 9	10	22.4	10.8	16.6	-	31.1	30	7.2	14,15	-	-	1.34	-	.97	12	7	5	0	0	0	0	0	0	0	7.96	-	
	Sittingbourne ...	9 9	224	20.6	10.1	15.3	-	28.9	30	5.6	14	15.9	13.2	1.55	-	.98	12	6	6	0	0	0	0	0	0	0	9.01	-	
	Isle of Grain ...	9 9	9	21.3	11.9	16.6	-	28.3	30	7.8	9	-	-	1.40	-	1.03	12	6	3	-	-	-	-	-	-	-	-	8.28	-
Sussex	Throwley ...	9 9	493	19.9	9.5	14.7	-	27.2	30	5.6	14,15	15.9	12.6	1.32	-	.89	12	10	7	0	0	1	0	1	0	0	0	8.90	-
	Faversham ...	9 9	157	20.8	9.9	15.3	-	28.9	30	5.0	10	15.7	13.6	1.08	-	.70	12	7	5	0	0	0	0	0	0	0	8.07	-	
	Dungeness ...	21-9	10	18.3	10.8	14.5	-	24.0	29	6.5	9	-	-	1.71	131	.73	6	8	5	0	0	0	0	1	1	0	0	-	-
	Wye ...	9 9	185	20.4	9.3	14.9	+0.3	27.8	30	3.3	10	-	-	1.17	73	.75	12	7	4	0	0	0	0	1	0	0	0	8.32	113
	Whitstable ...	9 9	9	20.4	10.9	15.7	-	28.9	30	5.0	10	-	-	1.45	112	1.09	12	7	3	0	0	0	0	0	0	0	0	8.69	-
	Folkestone ...	9 9	128	18.9	11.9	15.4	-	26.7	30	8.9	1,9,14	-	14.2	1.68	120	.81	12	7	5	0	0	0	0	2	0	0	0	9.11	-
	Wingham (Elmstone)	9 9	28	20.9	9.5	15.2	-	28.9	30	3.9	10	-	-	1.34	-	.69	12	7	5	-	-	-	-	-	-	-	-	-	
	Herne Bay ...	9 9	21	20.9	12.2	16.5	-	29.4	30	7.8	10	-	-	1.45	108	1.13	12	4	3	0	0	0	0	0	0	0	8.31	-	
	Dover ...	9 9	19	18.7	11.7	15.2	+0.6	25.0	29,30	7.8	10	16.8	15.0	1.64	102	.96	12	6	5	0	0	0	0	0	0	0	8.49	118	
	Dover R.M.S. ...	9 9	402	17.9	10.7	14.3	-	25.0	30	7.2	1,10	-	-	1.81	105	1.12	12	6	5	0	0	0	0	0	0	0	0	-	-
	Deal ...	21-9	18	19.3	12.8	16.1	-	24.8	24	8.8	1,6	-	-	2.08	-	.67	12	7	5	0	0	0	0	0	0	0	-	-	
	Ramsgate ...	9 9	80	19.2	12.4	15.8	-	25.0	24	8.3	14	-	-	1.41	99	.80	12	11	5	0	0	0	0	1	0	0	0	9.04	120
	Manston ...	21-9	145	19.8	10.8	15.3	-	26.9	30	6.7	9,14	-	-	1.56	-	1.04	12	9	5	0	0	0	0	1	0	0	0	-	-
	Margate ...	9 9	51	19.3	12.7	16.0	+1.1	26.7	24	8.9	9	16.5	14.2	1.32	106	.95	12	6	3	0	0	0	0	0	0	0	8.88	113	
	Thorney Island	21-9	10	19.8	10.4	15.1	-	25.2	30	5.2	10	-	-	.81	57	.52	12	9	6	0	0	0	0	0	0	0	8.77	-	
	Bognor Regis ...	9 9	24	18.7	11.1	14.9	+0.1	23.3	6	7.8	1,9,10	-	14.5	.92	61	.60	12	6	4	0	0	0	0	1	1	0	0	8.82	114
	Littlehampton ...	9 9	15	18.9	10.7	14.8	-0.2	24.4	6	6.7	9,10	-	14.9	1.11	70	.66	12	7	6	0	0	0	0	0	1	0	0	9.42	118
	Rustington ...	9 9	10	19.0	9.1	14.1	-	25.0	30	2.8	10	-	-	1.33	104	-	.65	12	7	4	-	-	-	-	-	-	8.26	-	
	Worthing ...	9 9	25	19.1	11.4	15.3	+0.2	23.3	6,30	7.8	9	15.7	13.8	1.33	87	.78	12	8	7	0	0	0	0	1	0	0	0	8.68	107
	Brighton ...	9 9	32	18.1	11.7	14.9	-	26.7	30	7.2	10	-	14.7	1.32	86	.78	12	7	6	0	0	0	0	0	0	0	0	8.20	-
	East Grinstead ...	9 9	440	21.0	8.3	14.1	-	28.9	30	2.8	10	-	13.0	1.10	-	.34	12	9	8	0	0	0	0	0	0	0	0	-	-
	Seaford ...	9 9	45	18.4	10.3	14.3	-	26.6	30	7.2	1,9,28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.23	-	
	Eastbourne ...	9 9	35	18.4	11.6	15.0	+0.2	22.8	29	8.3	1	16.4	14.4	1.29	79	.84	12	6	5	0	0	0	0	0	0	0	0	9.97	122
	Eastbourne (C/guard)	21-9	17	18.9	11.3	15.1	-	23.7	29	7.6	1	-	-	-	1.24	-	.80	12	6	5	0	0	0	0	0	1	0	0	-
Bexhill ...	9 9	14	18.4	11.4	14.9	+0.1	24.4	30	7.2	10	16.9	-	-	1.23	81	.63	12	8	4	0	0	0	0	0	2	0	0	8.88	-
Sedlescombe ...	9 9	175	20.1	9.1	14.6	-	28.3	30	5.0	9	-	-	2.01	-	.86	12	11	5	0	0	0	1	0	0	1	0	-	-	
Bodiam ...	9 9	73	20.7	8.5	14.6	-	27.8	30	2.8	10	16.0	13.2	1.30	-	.74	12	7	5	-	-	-	-	-	-	-	8.17	-		
Hastings ... §	9 9	149	18.4	11.3	14.9	+0.1	24.4	30	6.7	3	17.5	14.9	1.10	71	.64	12	7	4	0	0	0	0	0	1	0	0	8.72	110	
Berkshire	Letcombe Regis	9 9	350	20.1	8.2	14.1	-	28.3	30	2.2	1	-	-	1.27	-	1.00	12	8	4	0	0	0	0	0	0	0	0	-	-
	Abingdon ...	21-9	210	21.0	9.5	14.7	-	30.7	30	4.3	10	-	-	1.33	90	1.09	12	10	4	0	0	0	0	0	0	0	7.73	-	
	Compton ...	9 9	339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Woolhampton ...	9 9	370	20.6	9.0	14.8	-	28.3	30	3.9	1	15.9	-	1.17	73	.83</													

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER JUNE 1961

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	B		Maximum	Date	Minimum	Date	1 ft.	4 ft.	Amount	Date	0-in.(0.2mm.) or more	0.1-in.(1.0mm.) or more																	
			Max. Min.	°C.		°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.	in.												in.	in.	in.	in.
7a ENGLAND, N.W.																																
Cumberland	Sellafield...	9 9	43	15.6	9.0	12.3	-	20.6	30	2.2	18,19	-	-	2.01	76	.50	10	11	8	-	0	0	0	0	0	0	0	0	2	-	4.37	-
	Carlisle...	21-9	86	16.8	9.4	13.1	-	24.6	30	3.9	1	-	-	1.89	-	.64	10	11	8	0	0	0	0	0	0	0	0	0	0	0	5.09	-
Westmorland	Newton Rigg ¶§	9 9	560	16.5	8.5	12.5	-0.4	23.9	30	2.8	14	13.1	-	1.24	57	.59	10	12	6	-	0	0	0	0	0	0	0	0	0	0	5.31	84
	Spadeadam...	9 9	900	14.8	7.6	11.1	-	22.8	30	2.2	1	11.7	10.3	2.97	-	.73	10	20	10	0	0	0	0	0	0	0	0	1	0	4.41	-	
Lancashire	Ambleside...	9 9	151	16.9	9.3	13.1	-	24.4	30	2.8	14	-	-	2.81	74	.64	10	14	11	0	0	0	0	0	0	0	0	0	0	4.37	-	
	Great Dun Fell...	-	2780	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.82	-	
Lancashire	Moor House...	9 9	1840	13.1	6.1	9.6	-	20.6	30	-0.5	14	9.8	-	3.30	-	.77	10	17	12	0	0	0	0	0	0	0	1	3	1	4.95	-	
	Barrow-in-Furness	9 9	55	16.1	10.3	13.1	-	23.9	30	6.7	12,15	13.7	-	2.06	-	.83	10	8	8	-	0	0	0	0	0	0	0	0	0	-	-	-
Lancashire	Squires Gate...	21-9	33	16.8	10.6	13.7	-	24.9	30	4.0	14	-	-	1.84	83	.63	10	11	9	0	0	0	0	0	0	0	0	1	0	7.50	-	
	Urswick...	9 9	130	17.9	8.6	13.3	-	25.0	30	3.9	1	-	-	2.52	-	1.14	10	9	9	0	0	0	0	0	0	0	0	0	0	-	-	-
Lancashire	Poulton-le-Fylde	9 9	38	16.7	10.1	13.4	-	23.3	30	3.3	1	-	-	1.83	-	.64	10	11	9	0	0	0	0	0	0	0	0	0	0	-	-	-
	Grizedale...	9 9	300	16.4	7.3	11.9	-	23.9	30	1.1	14	-	-	4.06	-	1.05	10	12	12	0	0	0	0	0	0	0	1	0	6	0	-	-
Lancashire	Speke...	21-9	80	18.5	11.0	14.7	-	27.1	30	7.3	14	-	-	1.39	68	.38	12	9	6	0	0	0	0	0	0	0	0	0	0	7.40	-	
	Kirkham...	9 9	77	17.4	9.6	13.5	-	25.0	30	3.9	1	-	-	2.34	94	.66	10	11	10	0	0	0	0	0	0	0	0	1	0	7.65	-	
Lancashire	Garstang...	9 9	68	16.9	9.2	13.1	-	24.4	30	3.3	1	-	-	2.07	-	.65	10	11	10	-	0	0	0	0	0	0	0	0	0	6.78	-	
	Morecambe...	9 9	24	16.7	11.2	13.9	-0.3	23.3	30	7.2	13,21	-	-	1.75	71	.71	10	10	7	0	0	0	0	0	0	0	0	0	0	6.08	85	
Lancashire	Preston (Moor Pk.)	9 9	108	17.7	9.8	13.7	-	26.1	30	4.4	14	-	-	2.31	87	.60	10	9	0	0	0	0	0	0	0	0	0	1	0	-	-	-
	Bolton...	9 9	352	18.0	8.6	13.3	-0.6	26.7	30	3.3	14	12.7	-	2.82	-	1.00	10	10	6	0	0	0	0	0	0	0	0	5	0	6.79	-	
Lancashire	Darwen...	9 9	724	17.1	8.8	12.9	-0.5	24.4	30	4.4	14	13.4	11.4	3.12	95	.96	10	13	12	0	0	0	0	0	0	0	0	0	0	-	-	-
	Stonyhurst ¶§	9 9	377	17.1	9.0	13.1	-0.5	25.6	30	4.4	1	-	-	2.81	92	.84	10	11	9	-	0	0	0	0	0	0	0	0	0	6.39	101	
Lancashire	Manchester	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.11	-	-	
	Weather Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.64	-8		
Lancashire	Helmshore...	9 9	854	16.5	8.7	12.6	-	25.0	30	5.0	1,2,14	12.8	-	2.74	-	1.30	10	10	8	-	0	0	0	0	0	0	0	0	0	-	-	-
	Manchester (Smokeless Zone)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(5.92)	-	-	
Lancashire	Burnley...	9 9	655	16.6	8.8	12.7	-	24.4	30	3.3	2	12.2	-	1.91	-	.58	10	12	6	0	0	0	0	0	0	0	0	0	1	0	5.22	-
	Nelson...	9 9	540	17.0	9.3	13.1	-	25.6	30	3.9	14	13.6	10.9	2.09	76	.66	10	13	6	-	0	0	0	0	0	0	0	0	0	5.06	-	
Lancashire	Rochdale...	9 9	362	17.9	8.5	13.2	-	25.6	30	2.8	14	-	-	2.29	-	1.05	10	10	6	0	0	0	0	0	0	0	0	0	0	5.47	-	
	West Kirby Park	9 9	17	17.4	11.0	14.2	-	26.7	30	4.4	14	-	-	1.69	-	.49	10	10	8	-	0	0	0	0	0	0	0	0	0	7.36	-	
Lancashire	Bidston Obs'y. ¶§	9 9	198	17.4	11.1	14.3	+0.3	26.1	30	8.3	1,10,24	-	-	1.57	79	.40	12	9	6	-	0	0	0	0	0	0	0	0	0	7.73	110	
	Northwich (Winnington)	9 9	65	19.6	10.3	14.9	-	27.8	30	6.1	14	-	-	1.84	86	.60	10	11	6	0	0	0	0	0	0	0	0	0	0	-	-	-
Lancashire	Manchester Airport ¶§	21-9	248	18.6	9.7	14.1	-0.2	26.8	30	5.3	14	-	-	1.96	84	.74	10	11	8	0	0	0	0	0	0	0	0	0	0	6.44	111	
	Macclesfield...	9 9	500	18.2	9.6	13.9	0.0	25.6	30	5.0	1	-	-	2.12	79	.85	10	9	8	0	0	0	0	0	0	0	0	0	0	-	-	-
7b NORTH WALES																																
Flint	Rhyl...	9 9	31	17.8	10.1	13.9	-0.1	25.6	30	4.4	14	-	-	1.06	63	.38	10	9	7	0	0	0	0	0	0	0	0	0	0	7.42	104	
	Prestatyn...	9 9	12	-	10.1	-	-	-	-	5.0	14	-	-	1.35	71	.40	10	11	8	0	0	0	0	0	0	0	0	0	0	-	-	-
Anglesey	Hawarden Bridge	9 9	17	19.1	9.9	14.5	+0.2	27.2	30	3.3	14	-	-	.74	41	.19	10	7	6	0	0	0	0	0	0	0	0	0	0	-	-	-
	Holyhead (Valley)	21-9	26	16.0	10.7	13.3	0.0	19.9	30	6.1	12	-	-	1.58	79	.53	10	11	8	0	0	0	0	0	0	0	1	0	0	6.60	89	
Denbigh	Colwyn Bay...	9 9	118	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Alwen...	9 9	1100	15.4	6.3	10.9	-	23.9	30	-2.2	14	-	-	1.73	-	.43	17	13	6	-	0	0	0	0	0	0	0	0	0	-	-	-
Denbigh	Ruthin...	9 9	248	18.3	8.5	13.4	-	26.7	30	3.3	14	-	-	.79	-	.20	7,10	6	6	-	0	0	0	0	0	0	0	0	0	-	-	-
	Bwlchgwn...	9 9	1267	15.7	7.9	11.8	-	23.3	30	3.9	1	11.3	-	1.94	-	.44	10	10	8	0	0	0	0	0	0	0	0	0	0	-	-	-
Denbigh	Ruabon...	9 9	312	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Wrexham...	9 9	275	18.8	9.3	14.1	-	26.7	30	6.1	10	14.1	12.4	1.24	-	.41	7	7	6	0	0	0	0	0	0	0	0	0	0	-	-	-
Caernarvon	Bardsey Island...	21-9	60	14.8	10.6	12.7	-	19.0	23,29,30	6.5	14	-	-	1.31	-	.44	10	9	9	-	0	0	0	0	0	0	0	0	0	-	-	-
	Botwnnog...	9 9	112	16.5	9.6	13.1	-	21.1	29,30	5.0	14	15.9	13.4	1.44	-	.49	10	10	9	0	0	0	0	0	0	0	0	0	0	7.03	-	
Caernarvon	Bryn Adda...	9 9	275	17.4	10.2	13.8	-	24.4	30	6.1	12,14	-	-	1.87	-	.51	10	13	12	0	0	0	0	0	0	0	0	0	0	6.55	-	
	Cwm Dyli...	9 9	324	-	9.5	-	-	-	-	3.9	14	12.9	-	4.54	-	1.08	17	15	12	-	0	0	0	0	0	0	0	0	0	2	-	-
Caernarvon	Aber...	9 9	60	17.8	10.7	14.3	+0.5	24.4	30	5.6	14	-	-	1.31	49	.35	10	11	7	0	0	0	0	0	0	0	0	0	0	6.54	99	
	Llandudno ¶§	9 9	13	17.1	11.3	14.2	+0.2	24.4	30	6.1	14	-	-	1.01	56	.59	10	10	6	0	0	0	0	0	0	0	0	0	0	6.84	96	
Merioneth	Llyn Stwlun...	9 9	1656	12.1																												

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER JUNE 1961

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	1 ft.	4 ft.			Amount	Date	-0.1in. (0.2mm. or more)	-0.01in. (1.0mm. or more)											
				Max. Min.	G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.											hr.	%
8b ENGLAND, S.W.																														
Somerset	Hawkrig (Liscombe)	9 9	1030	16.6	8.2	12.4	-	23.3	30	5.6	29	-	-	1.56	-	.90	12	9	5	0	0	0	0	0	1	0	2	0	-	-
	Cannington	9 9	95	19.6	10.6	15.1	-	27.8	30	7.2	14	16.0	-	.45	28	.24	12	6	5	0	0	0	0	0	0	0	0	0	9.59	-
Dorset	Weston-s-Mare	9 9	28	19.3	11.4	15.3	-	27.2	30	8.3	14,20,21	-	-	.89	50	.70	12	6	3	0	0	0	0	0	0	0	0	0	9.34	132
	Long Ashton	9 9	162	19.7	9.4	14.5	-0.3	28.3	30	6.1	1,20,21	16.4	-	1.29	61	.85	12	10	5	0	0	0	0	0	0	0	1	0	8.74	123
	Bath (City)	9 9	388	19.8	9.8	14.8	-	27.8	30	5.0	1	-	-	.81	-	.69	12	5	3	0	0	0	0	0	0	0	0	0	-	-
	Boys' School	9 9	388	19.8	9.8	14.8	-	27.8	30	5.0	1	-	-	.81	-	.69	12	5	3	0	0	0	0	0	0	0	0	0	-	-
	Bath	9 9	67	20.5	9.9	15.2	-0.1	28.9	30	5.6	1,10,20	16.4	13.9	.90	51	.75	12	6	2	0	0	0	0	0	0	0	0	0	8.68	124
	Portland Bill	21-9	35	16.6	11.7	14.1	+0.2	20.0	30	7.2	1	-	-	.69	52	.41	12	5	5	0	0	0	0	0	1	0	0	0	-	-
	Weymouth	9 9	16	19.5	10.5	15.0	-0.1	22.2	18,21,30	7.8	1,15	-	-	.75	52	.46	12	6	3	-	-	-	-	0	0	0	0	9.06	116	
	Shaftesbury	9 9	680	18.6	9.2	13.9	0.0	26.7	30	4.4	1	-	-	1.18	63	.46	26	10	7	-	-	-	-	1	0	-	-	-	-	
	Swanage	9 9	37	18.9	10.5	14.7	-	21.1	18	6.1	9	-	14.7	.91	-	.55	12	9	4	0	0	0	0	1	0	0	0	0	9.31	-
	Poole	9 9	18	20.9	9.3	15.1	-	26.1	30	4.4	1,9	-	-	.84	-	.37	12	9	6	0	0	0	0	0	0	0	0	0	8.04	-
Devon	Hartland Pt.	21-9	298	15.9	11.4	13.7	-	22.4	30	9.3	10	-	-	.94	-	.18	11	11	8	0	0	0	0	2	0	0	0	0	7.43	-
	Plymouth (Mt. Batten)	21-9	87	17.9	10.6	14.3	-0.1	23.5	29	6.6	14	-	-	.94	47	.31	12	9	5	0	0	0	0	0	0	0	0	0	8.55	114
	Plymouth (The Hoe)	9 9	119	18.7	10.6	14.7	-0.2	24.4	29	7.2	14	15.6	13.8	.82	41	.28	12	8	5	0	0	0	0	0	0	0	0	0	8.40	112
	Tavistock	9 9	457	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Chivenor	21-9	20	18.1	10.5	14.3	-	25.7	29	6.7	1	-	-	.96	-	.46	12	9	7	0	0	0	0	0	0	0	0	0	8.59	-
	Ifracombe	9 9	25	16.9	11.8	14.3	-0.2	22.2	30	8.3	21	16.8	14.8	1.35	70	.71	12	9	7	0	0	0	0	0	0	0	0	0	8.83	118
	Princetown	9 9	1359	-	-	-	-	-	-	-	-	-	-	2.27	50	.46	12	9	9	-	-	-	-	-	-	-	-	-	-	-
	Totnes	9 9	120	20.4	8.2	14.3	-	26.7	30	0.0	2	16.1	12.8	.65	29	.21	12	7	6	0	0	0	0	1	0	1	4	0	8.07	-
	Slapton	9 9	104	18.9	11.8	15.3	-	23.3	25	7.2	15	-	-	.91	-	.33	12	8	7	0	0	0	0	0	0	0	0	0	-	-
	Newton Abbot	9 9	272	20.1	9.3	14.7	+0.1	25.0	24,30	6.1	14	-	-	.55	29	.24	12	6	4	0	0	0	0	2	0	0	0	0	8.62	123
Cornwall	Paignton	9 9	8	19.9	10.7	15.3	-	25.6	25	6.7	14	-	-	.61	31	.22	12	6	4	0	0	0	0	0	0	0	0	0	8.39	110
	Torquay	9 9	26	19.6	11.0	15.3	+0.2	23.3	25	7.8	14	-	15.0	.53	30	.23	12	6	3	0	0	0	0	0	0	0	0	0	9.26	118
	Teignmouth	9 9	20	19.4	11.5	15.5	+0.3	22.8	23,30	7.8	14	-	-	.54	32	.36	12	6	3	0	0	0	0	1	0	0	0	0	8.91	116
	Starcross	9 9	29	19.1	9.4	14.3	-	22.8	23	6.1	14	16.2	-	.46	-	.28	12	5	4	0	0	0	0	1	0	0	0	0	8.40	-
	Exeter (Southam)	9 9	160	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Exmouth	9 9	195	18.7	9.9	14.3	0.0	23.3	23,30	6.7	1	-	-	.56	31	.32	12	5	4	0	0	0	0	1	0	0	0	0	8.75	121
	Exeter	21-9	106	20.2	9.5	14.9	-	25.2	30	5.9	20	-	-	.48	28	.22	12	6	3	0	0	0	0	1	0	0	0	0	8.69	-
	Sidmouth	9 9	25	18.8	10.6	14.7	+0.3	23.9	23	7.8	9,10	-	-	.48	-	.34	12	4	3	-	-	-	-	0	0	0	0	0	8.78	-
	St. Mary's, Scilly	21-9	188	17.5	12.0	14.7	+0.6	21.1	30	9.7	14	-	-	.75	43	.28	9	9	4	0	0	0	0	0	2	0	0	0	6.24	82
	Penzance	9 9	62	18.1	11.0	14.5	-0.4	21.1	30	6.1	14	-	-	1.03	53	.52	11	8	4	0	0	0	0	0	0	0	0	0	7.59	103
NORTHERN IRELAND	Gulval	9 9	50	18.0	11.6	14.8	+0.2	21.1	24,30	7.8	14	-	-	.81	-	.37	11	6	5	-	-	-	-	0	0	-	-	7.72	100	
	Culdrose	9 9	288	17.0	10.5	13.7	-	22.8	30	7.2	14	-	-	.96	-	.33	11	9	6	0	0	0	0	1	0	0	0	0	7.63	-
	Camborne (Rosewarne)	9 9	250	17.4	11.1	14.3	-	23.9	30	6.7	14	15.6	13.8	.87	-	.30	9	10	4	0	0	0	0	0	0	0	0	0	7.35	-
	Lizard	9 9	240	16.9	10.5	13.7	-	21.0	30	6.8	2	-	-	.82	50	.34	11	9	5	0	0	0	0	0	0	0	0	0	7.38	-
	Falmouth	9 9	167	17.9	10.9	14.4	-0.4	23.3	24	6.1	21	-	-	.90	45	.45	11	8	7	0	0	0	0	0	1	0	0	0	7.59	99
	Newquay	9 9	176	17.2	11.0	14.1	-0.1	25.6	30	6.7	14,20	-	-	.58	33	.14	9	9	6	0	0	0	0	0	0	0	0	0	6.93	92
	St. Mawgan	21-9	337	16.8	10.8	13.8	-	23.9	30	7.9	28	-	-	.92	-	.17	9	12	8	0	0	0	0	0	1	0	0	0	7.41	-
	St. Austell	9 9	310	18.4	10.7	14.5	-	22.8	24	8.3	28	-	-	1.24	53	.31	12	10	6	0	0	0	0	0	1	0	0	0	-	-
	Fowey	9 9	51	18.8	11.0	14.9	+0.2	23.3	30	6.7	14	-	-	.69	-	.17	9,12	8	6	0	0	0	0	0	1	0	0	0	-	-
	Bude	9 9	50	17.2	11.1	14.1	-0.1	23.9	29,30	5.6	20	15.6	-	.96	54	.21	11	12	8	-	-	-	-	0	0	-	-	7.60	103	
Ellbridge	9 9	190	18.8	9.0	13.9	-	24.4	30	4.4	3,14	-	-	.94	-	.31	9,12	8	6	0	0	0	0	0	0	0	0	0	8.18	-	
Londonderry																														
Antrim	Eglinton	9 9	46	16.8	9.4	13.1	-	20.6	29,30	5.0	1	-	-	2.22	-	.47	8	16	12	0	0	0	0	0	0	0	1	0	-	-
	Ballykelly	21-9	3	16.9	9.9	13.4	-0.1	21.1	30	4.9	11,13	-	-	1.61	73	.33	21	13	8	0	0	0	0	0	0	0	0	0	4.87	83
Down	Garvagh	9 9	121	16.9	9.1	13.0	+0.2	20.6	23	2.8	1	14.1	-	1.84	68	.45	21	15	10	0	0	0	0	0	0	0	2	0	-	-
	Portrush	9 9	18	-	-	-	-	-	-	-	-	-	-	1.80	-	.34	8	14	9	-	-	-	-	-	-	-	-	-	4.92	-
Fermanagh	Aldergrove	21-9	21																											

TABLE IV—SUMMARY OF OBSERVATIONS AT FIXED HOURS JUNE 1961

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	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																													
																												8 or more	6, 7, 8	4, 5, 6	2, 3, 4	1, 2, 3	0	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.																
																																		34 or more	28 to 33	22 to 27	16 to 21	11 to 15	6 to 10																		
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TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS JUNE 1961

[illegible]

* previously known as "Elmdon"

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS JUNE 1961

[illegible]

STATION	TOTAL RADIATION ON A HORIZONTAL SURFACE mw. hr./cm ²						DIFFUSE RADIATION ON A HORIZONTAL SURFACE mw. hr./cm ²						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	783	7	122	9	475.7	30	371	8	120	9	284.1	30	764	7	128	9	488.7	30
Eskdalemuir	761	29	128	6	425.2	30	395	30	124	6	277.6	29	718	29	142	6	419.9	30
Cambridge	778	28	76	1	548.3	30	436	4	74	1	282.5	30	-	-	-	-	-	-
Kingsway	784	25	58	1	494.4	30	368	16	53	1	277.1	28	997	25	69	1	566.1	30
Kew	783	25	56	1	503.6	30	363	16	56	1	256.2	30	827	25	79	1	533.5	30
Aberporth	898	9	178	12	623.1	30	441	3	167	29	294.1	30	-	-	-	-	-	-

TABLE VIII—NUMBER OF DAYS IN JUNE 1961 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	2	27	1	0	0	0	Birmingham	0	0	0	4	14	9	3	0
Stornoway	0	0	0	23	7	0	0	0	Kew Observatory	0	0	0	1	10	14	5	0
Craibstone	0	0	0	13	13	4	0	0	Hastings	0	0	0	2	24	4	0	0
Rothsay	0	0	0	11	19	0	0	0	Southampton	0	0	0	2	9	18	1	0
Renfrew	0	0	0	1	28	1	0	0	Stonyhurst	0	0	0	8	18	4	0	0
Eskdalemuir	0	0	0	16	13	1	0	0	Bidston Observatory	0	0	0	10	14	5	1	0
Douglas	0	0	0	16	14	0	0	0	Holyhead (Valley)	0	0	0	8	22	0	0	0
Cockle Park	0	0	0	5	21	4	0	0	Falmouth	0	0	0	1	26	3	0	0
Gorleston	0	0	0	5	17	5	3	0	Aldergrove	0	0	0	7	19	4	0	0
Cambridge	0	0	0	13	16	2	0	0	Armagh	0	0	0	2	24	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				Highest Maximum and Lowest Minimum						Total Fall	Percentage of Average	Most in a day		Precip'n -0.1in. (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. °C. or less	Gale	Daily Mean	Percentage of Average
				A	B	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.	°C.	°C.	in.	%	in.												hr	%
1960		G.M.T.																											
September	Exmouth													6.20	199														
October	Ruscombe																												
October	Cirencester																												
October	Whitstable																												
October	Dover																												

DUPLICATE

Monthly Weather Report

OF THE METEOROLOGICAL OFFICE

M.O. 701

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

Volume 78 Number 7

Published by HER MAJESTY'S STATIONERY OFFICE



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July 1961 — *Cloudy and rather cool, dry in the south*

Apart from an unsettled spell on the 11th — 16th, weather during the month was mainly anticyclonic with high pressure either to the west or south-west of the British Isles.

Throughout the first week an anticyclone was centred to the south-west of the country while to the north disturbances moved south-eastwards towards Scandinavia. The very warm weather at the end of June persisted into July over much of England and Wales; on the 1st afternoon temperatures exceeded 25°C over much of the country and reached 32°C in parts of East Anglia and south-east England. Thunderstorms occurred locally. The 2nd was considerably cooler especially in south-east England where there was widespread thundery rain associated with a small depression over northern France. The next day many northern districts had rain and gales as a vigorous depression moved south-east across Scotland to the North Sea, and winds also reached gale force in places on the 4th in the strong north-westerly air-stream which spread over the whole country behind the depression. There were a few scattered showers on the 4th but the next two days were generally fine with long sunny periods in the ridge of high pressure which had spread from the Atlantic to cover much of the country; over 15hr of sunshine was recorded in South Wales and the Channel Isles on the 6th.

The anticyclone to the south-west of the British Isles moved slowly westwards on the 7th-10th and moderate westerly winds brought cloudy and rather unsettled weather to most parts of the country although rainfall amounts in the south were small.

During the period 11th-16th weather over the country was dominated by a vigorous depression which became a complex system as it moved from south-west England to the North Sea. On the 11th a depression in the South-West Approaches deepened and winds over Cornwall freshened from the south as it approached the mouth of the English Channel. Rain was heavy and prolonged over most of the country on the 12th as the depression moved eastward and filled while another vigorous depression formed over south-east Scotland. Many places recorded more than 1in. of rain in 24 hr and there were floods in north-western and Midland districts; 3.31 in. of rain fell at Bolton in 24hr, the greatest daily rainfall there since records began in 1887. On the 14th and 15th a complex depression persisted over the British Isles and there were thundery outbreaks of rain, heavy at times, in most districts. Thunderstorms were widespread and locally heavy on the 15th, and rain or showers occurred in most districts on the 16th and 17th before the depression finally cleared the country; a fall of 1.14 in. in 12 hr was recorded at Stornoway on the 16th.

Thereafter the weather slowly improved as an anticyclone formed to the west of Ireland. The 18th was the beginning of a dry anticyclonic spell which lasted nearly a week, though with northerly winds, temperatures were somewhat below average. There was a short break in the anticyclonic weather on the 24th-27th. Rain was heavy locally in northern districts on the 25th and 26th as a vigorous eastward moving depression skirted the north coast of Scotland, but most southern districts remained dry. On the 27th, however, a small disturbance moved south-east across Ireland and south-west

England and there was rain in all areas. During the last four days of the month, with a ridge of high pressure extending eastward across the country, weather was mostly fine and sunny.

Pressure and Wind — Mean pressure was above average everywhere except in the extreme north, the mean deviation at 9 hr ranging from -0.7 mb at Lerwick to + 2.2 mb at Holyhead and Scilly. Surface winds were mainly light and variable until the 3rd, northerly on the 4th and 5th, subsequently becoming westerly until the 10th, variable on the 11th-14th and thereafter, apart from a period of south-westerlies on the 24th-27th, northwesterly winds predominated until the end of the month. Winds reached gale force on 7 days in Scotland and on the 3rd, 4th, 13th-15th and 26th in England and Wales. Gusts of 59 kt and 60 kt were recorded at Tiree and Benbecula respectively on the 3rd; on the 13th a gust of 62 kt was recorded at Jersey which, apart from the gale of July 29th 1959, was the highest gust ever recorded during July in the United Kingdom.

Temperature — Mean temperature was 0.9°C below the 1921-50 average in England and Wales and in Scotland and 1.1°C below average in Northern Ireland. The 1st was unusually warm, especially in south-east England where temperature reached 33.9°C at a number of places around the London area. The coldest periods were 3rd-6th, 11th-14th and 26th-28th in England and grass minimum temperatures were 0°C or below at one place or another on 13 mornings. In Scotland temperature on the grass fell to -3.9°C at Dalwhinnie on the 14th.

Extremes included: (England and Wales) 33.9°C at several places on the 1st, -1.1°C at Santon Downham on the 6th; (Scotland) 24.4°C at Dundee and Montrose on the 11th, -0.5°C at Tarfside on the 6th and 14th; (Northern Ireland) 21.1°C at Hillsborough on the 1st and at Armagh on the 17th, 3.9°C at Ballykelly on the 2nd, Garvagh on the 6th and Loughgall on the 6th and 19th.

Precipitation — The general rainfall expressed as a percentage of the 1916-50 average was 86 over England and Wales, 108 over Scotland and 68 over Northern Ireland. In England rainfall was less than half the average in the Scilly Isles and south-east Devon and more than twice the average locally in the north-east. Most of the rainfall of the month was associated with the depressions of the 11th-16th.

Thunder was heard in Scotland on 4 days and in England and Wales on the 1st-2nd, 7th-8th, 10th-15th, 18th-19th and 26th-28th (15 days); it was widespread on the 2nd and 15th.

Sunshine — The general sunshine expressed as a percentage of the 1921-50 average was 92 in England and Wales, 74 in Scotland and 75 in Northern Ireland. At Tiree it was the dullest July since records began there in 1927.

Fog — Early morning fog occurred at one place or another on 14 days in Scotland and on 16 days in England and Wales, it was widespread in north-east England on the 12th.

Miscellaneous Phenomena — The aurora was seen at Benbecula on the night of the 30th/31st.

MWR dup

TABLE I—DISTRICT VALUES— JULY

1961

(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.	21.7	0.2	-0.9	-0.6	-0.7	—	—	107	0	64		
Eastern												
1 SCOTLAND, E.	24.4	-0.5	-1.4	-0.5	-1.0	—	—	93	-2	78		
2 ENGLAND, N.E.	29.4	1.7	-2.1	-0.6	-1.4	-1.0	-0.4	115	-3	76		
3 ENGLAND, E.	33.3	-1.1	-0.6	-0.8	-0.7	-0.6	+0.4	57	-2	91		
4 MIDLAND COUNTIES	30.0	3.3	-1.4	-0.8	-1.1	-0.4	+0.4	101	-3	94		
5 ENGLAND, S.E.	33.9	2.8	-0.3	-0.5	-0.4	-0.3	+0.5	61	-4	99		
Western												
6 SCOTLAND, W.	22.8	1.7	-1.4	-0.9	-1.1	-1.0	-0.8	84	-2	81		
7 ENGLAND, N.W. (and N. Wales)	26.1	-0.5	-2.1	-0.8	-1.5	-1.1	+0.6	115	-2	81		
8 ENGLAND, S.W. (and S. Wales)	28.9	2.2	0.0	-0.8	-0.4	+0.2	+0.4	59	-4	110		
NORTHERN IRELAND	21.1	3.9	-1.5	-0.7	-1.1	-	-	68	-8	75		

TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— JULY

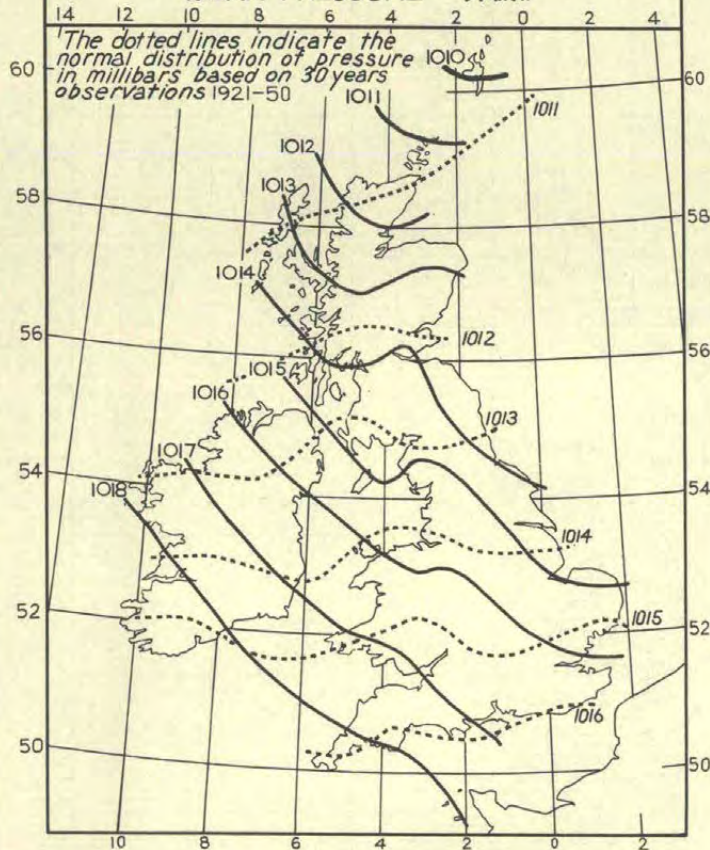
1961

(1914)

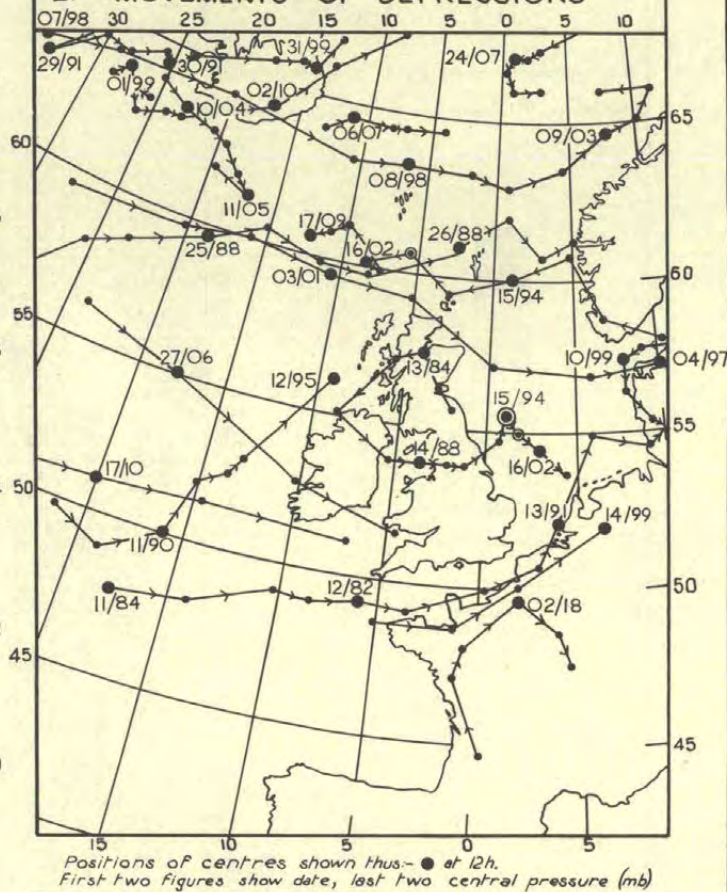
DISTRICT, COUNTY AND PLACE		Height of Vane			Distribution of Mean Hourly Values of Wind Speed								Mean Hourly Wind Speed	Highest Velocities							
		Above Mean Sea Level	Above Ground	Effective Height	34 knots or more		22 to 33 knots		11 to 21 knots	4 to 10 knots	Less than 4 knots	No Record		Highest Hourly Wind			Highest Gust				
					Dates of Occurrence	Duration	No. of days	Duration	Duration	Duration	Duration	Duration		Year from N.	Speed	Hour ended at	Speed	Day and Time			
																			ft.	ft.	ft.
SCOTLAND		ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	knots		knots	day hr.	knots	day	h.m.			
0	Zetland	Lerwick	310	53	37	-	0	9	49	517	157	21	0	13.6	320	29	4	17	44	4	1625
	Orkney	Kirkwall (Grinsetter)	135	51	33	-	0	3	12	355	277	100	0	10.4	030	26	3	24	40	4	1830
	Caithness	Dounreay	110	39	30	-	0	8	63	417	264	0	0	13.1	300	29	27	06	43	27	0635
		Halkirk (Olgrinbeg)	272	40	40	-	0	6	35	310	355	42	2	10.9	320	26	5	02	42	5	0205
	Ross & Cromarty	Stornoway (Coastguard)	120	40	36	-	0	2	14	255	255	220	0	8.2	340	32	3	21	51	3	2015
		Duirinish	125	65	55	3.	2	4	29	255	343	101	14	9.4	330	36	3	22	61	3	2155
	Inverness	Benbecula	69	51	35	3.	7	11	93	517	113	14	0	15.6	330	43	3	20	60	3	1945
1	Moray	Lossiemouth	79	59	45	4.	1	6	37	212	331	163	0	9.1	350	36	4	01	51	4	0010
	Aberdeen	Dyce	225	40	40	-	0	3	7	213	288	236	0	7.4	330	23	4	11	38	4	1650
	Angus	Bell Rock Lighthouse	128	131	124	-	1	7	64	368	202	87	22	12.0	230	34	26	05	53	25	2255
	Perth	Rannoch	1006	56	57	26.	1	7	64	368	202	87	22	12.0	230	34	26	05	53	25	2255
	Pife	Leuchars	78	40	40	-	0	3	19	235	396	94	0	8.9	230	28	26	09	54	4	0200
	Midlothian	Edinburgh	485	39	23	-	0	3	16	246	307	175	0	8.6	230	30	26	09	58	4	0200
6a	Argyll	Tiree	89	60	47	3.4.	9	9	96	462	138	39	0	14.9	320	42	3	21	59	3	2125
	Bute	Millport	50	34	34	-	0	3	12	139	327	239	27	7.0	250	28	26	11	47	3	2015
	Renfrew	Paisley	188	81	31	-	0	1	1	71	440	232	0	5.7	300	25	3	24	49	3	2340
		Renfrew	71	41	39	-	0	3	12	220	407	105	0	8.3	240	27	26	10	45	3	2310
	Ayr	Prestwick Airport	35	33	33	-	0	4	23	231	379	111	0	9.3	260	28	3	21	47	3	2000
	Dumfries	Eskdalemuir	825	50	35	-	0	5	14	121	379	230	0	6.6	300	26	4	01	54	26	2055
ENGLAND AND WALES																					
6b	Isle of Man	Point of Ayre	70	40	35	3.4.13.	5	8	16	358	258	63	0	12.4	300	42	4	02	59	4	0110
2	Durham	Durham	389	53	33	-	0	4	9	187	266	282	0	6.7	330	25	4	05	49	4	0435
		South Shields	73	57	44	-	0	3	16	242	368	118	0	8.9	310	27	4	07	46	4	0325
	Lincoln	Cranwell	288	47	47	-	0	4	15	173	359	197	0	7.5	260	25	26	09	43	4	1020
3	Norfolk	Gorleston	52	42	34	-	0	2	7	258	342	137	0	8.3	-	26	4	11	42	4	1210
	Suffolk	Mildenhall	98	83	60	-	0	0	0	114	410	220	0	6.2	300	20	4	07	38	4	0625
		Felixstowe	85	75	65	-	0	3	12	219	364	149	0	8.2	290	25	4	06	45	4	0515
	Bedford	Cardington	226	133	133	-	0	7	47	295	326	76	0	10.8	290	30	4	06	48	4	0535
	Hertford	Rothamsted	461	41	33	-	0	0	0	42	499	203	0	5.3	310	15	4	08	39	4	0650
		Stanstead Abbots	138	41	40	-	0	0	0	139	401	204	0	6.2	300	21	4	08	35	4	0725
	Essex	Coryton	66	57	48	-	0	1	1	135	524	84	0	7.7	300	22	4	09	43	14	1640
		Shoeburyness	118	106	91	*	0	0	0	58	473	213	0	5.9	280	19	4	03	52	4	0210
4	Yorks., W.R.	Sheffield	533	83	35	-	0	0	0	58	473	213	0	5.9	280	19	4	03	52	4	0210
	Warwick	Birmingham	643	118	73	-	0	1	5	158	521	60	0	8.1	290	25	4	05	45	4	0425
	Stafford	Keele	706	50	40	-	0	1	2	128	388	226	0	6.3	320	24	4	08	52	4	0405
	Gloucester	Avonmouth	92	61	33	14.	1	7	43	268	207	213	12	9.4	270	34	14	14	44	14	1400
5	London	Kingsway	231	160	40	-	0	0	0	100	552	92	0	7.1	260	19	13	14	39	14	1450
	Middlesex	London Airport	82	33	33	-	0	2	5	166	420	153	0	7.5	280	23	13	13	38	13	1500
		Hampton	139	101	100	-	0	0	0	135	440	169	0	6.9	230	21	14	13	47	14	1220
	Surrey	Kew Observatory	92	75	50	-	0	0	0	134	467	143	0	7.0	190	21	14	15	43	4	0910
		Gatwick	232	38	33	-	0	2	7	120	363	254	0	5.9	230	26	14	15	41	14	1435
	Kent	Isle of Grain	48	40	33	-	0	1	1	59	230	449	5	3.6	230	22	14	16	39	4	0830
		Dungeness	70	50	33	-	0	3	18	177	349	200	0	7.6	220	26	14	16	54	14	2020
	Sussex	Dover	68	38	62	-	0	0	0	83	330	331	0	5.1	230	21	14	14	43	14	1350
		Thorney Island	75	65	42	-	0	0	0	83	330	331	0	5.1	230	21	14	14	43	14	1350
	Hampshire	Southampton (Eastleigh)	95	60	41	I	0	0	0	229	370	65	80	9.4	230	21	13	14	35	13	1315
		Calshot	50	41	33	-	0	0	0	229	370	65	80	9.4	230	21	13	14	35	13	1315
		S. Farnborough	318	69	35	-	0	1	1	95	388	260	0	5.7	260	22	13	17	35	13	1530
	Berkshire	Abingdon	295	40	40	-	0	2	5	99	281	359	0	5.2	250	24	26	11	39	26	1035
	Wiltshire	Larkhill	491	51	36	-	0	1	1	100	426	217	0	6.1	280	22	13	12	38	13	1125
		Porton	406	44	44	-	0	1	1	93	350	300	0	5.4	220	22	14	10	38	13	1220
7a	Cumberland	Sellafield	83	39	35	-	0	5	42	305	365	32	0	11.1	310	30	4	03	45	3	2345
		Spadeadam	959	51	40	-	0	3	17	236	332	155	4	8.7	240	28	26	09	48	26	0805
	Westmorland	Moor House	1960	50	45	3.4.26.	13	8	76	195	211	249	0	9.8	250	41	26	09	59	26	0905
	Lancashire	Southport	59	41	33	4.26.	6	7	85	313	247	93	0	12.6	320	35	4	06	51	4	0355
		Speke	180	100	65	4.	1	6	64	352	305	22	0	12.2	300	34	4	04	56	4	0320
	Cheshire	Bidston Observatory	262	64	39	-	0	6	54	275	277	91	47	-	280	31	3	24	54	3	2255
		Manchester Airport	318	70	30	-	0	1	3	239	416	86	0	8.5	290	23	4	04	40	4	0300
7b	Anglesey	Holyhead (Valley)	76	50	40	-	0	6	43	205	346	150	0	9.0	250	33	14	07	46	14	0620
8a	Cardigan	Aberporth	483	41	41	13.14	3	9	59	348	271	63	0	12.0	250	36	14	09	52	14	0820
	Pembroke	Milford Haven	246	50	35	I	0	5	40	303	245	156	0	9.9	250	31	14	10	48	14	0945
	Glamorgan	Port Talbot	91	40	35	-	0	2	10	238	390	106	0	8.7	270	29	14	13	42	14	1330
		Rhose	257	37	32	-	0	2	13	153	377	201	0	7.2	-	26	12	05	41	14	1325
8b	Devon	Plymouth	191	88	65	-	0	2	13	153	377	201	0	7.2	-	26	12	05	41	14	1325
	Cornwall	St. Mary's, Scilly	230	65	57	12.13.14.	13	8	43	282	300	106	0	11.0	300	38	13	01	55	12	2355
		The Lizard	315	75	60	-	0	4	34	202	357	151	0	8.6	280	29	3	19	48	3	1830
NORTHERN IRELAND																					
	Londonderry	Ballykelly	52	50	35	-	0	4	34	202	357	151	0	8.6	280	29	3	19	48	3	1830
	Antrim	Aldergrove	281	65	55	-	0	5	42	253	368	81	0	9.8	260	27	26	11	45	26	0125
		Nutts Corner	344	31	31	-	-	-	-	-	-	-	-	-	290	29	3	23	46	3	2315
CHANNEL ISLES																					
		Jersey Airport	359	86	50	13.14	9	8	73	291	339	32	0	12.5	290	45	13	05	62	13	0445

MONTHLY WEATHER CHARTS JULY 1961

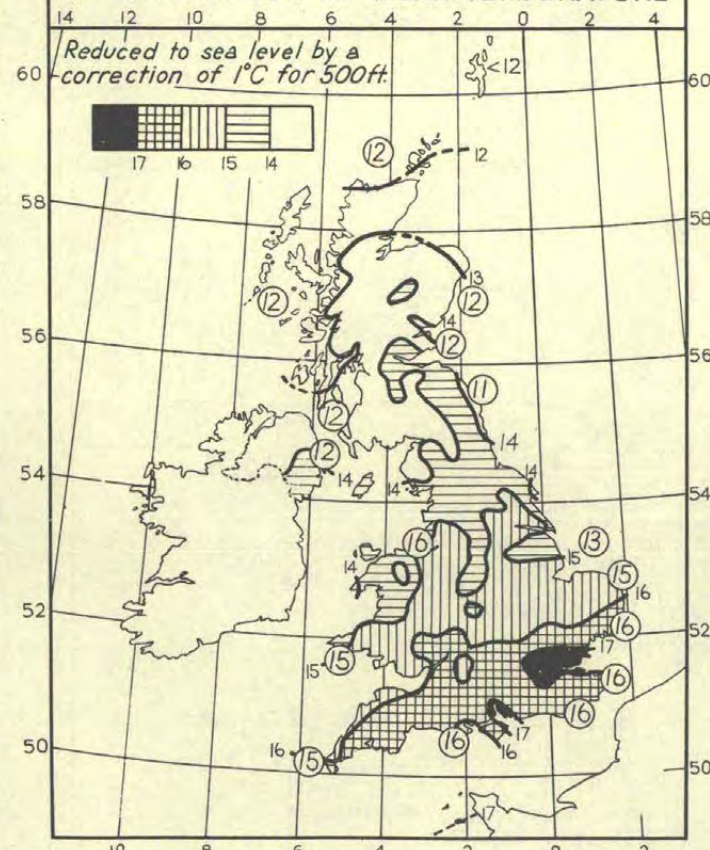
1. MEAN PRESSURE 9 A.M.



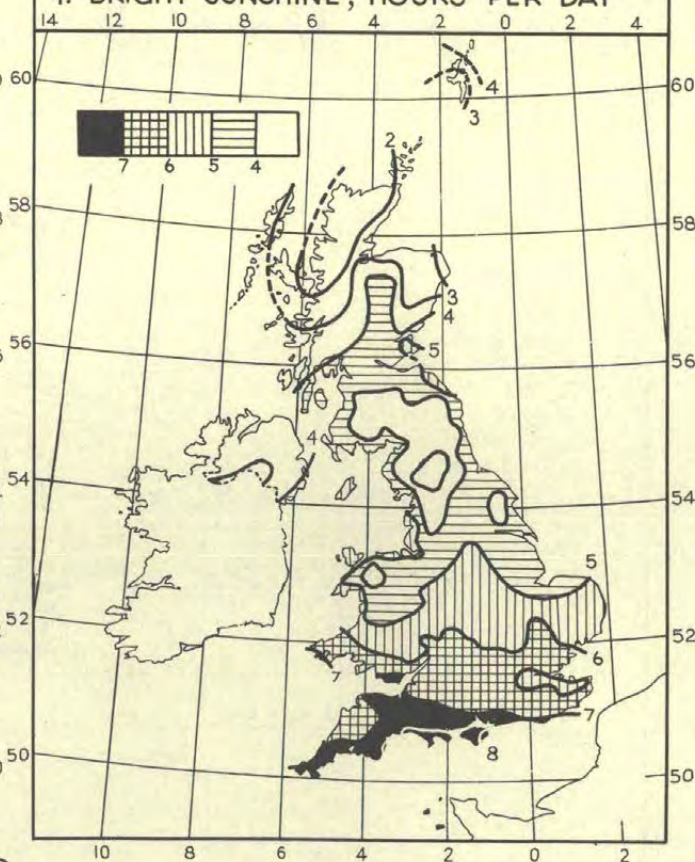
2. MOVEMENTS OF DEPRESSIONS



3. DISTRIBUTION OF MEAN TEMPERATURE



4. BRIGHT SUNSHINE, HOURS PER DAY



RAINFALL

JULY 1961

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

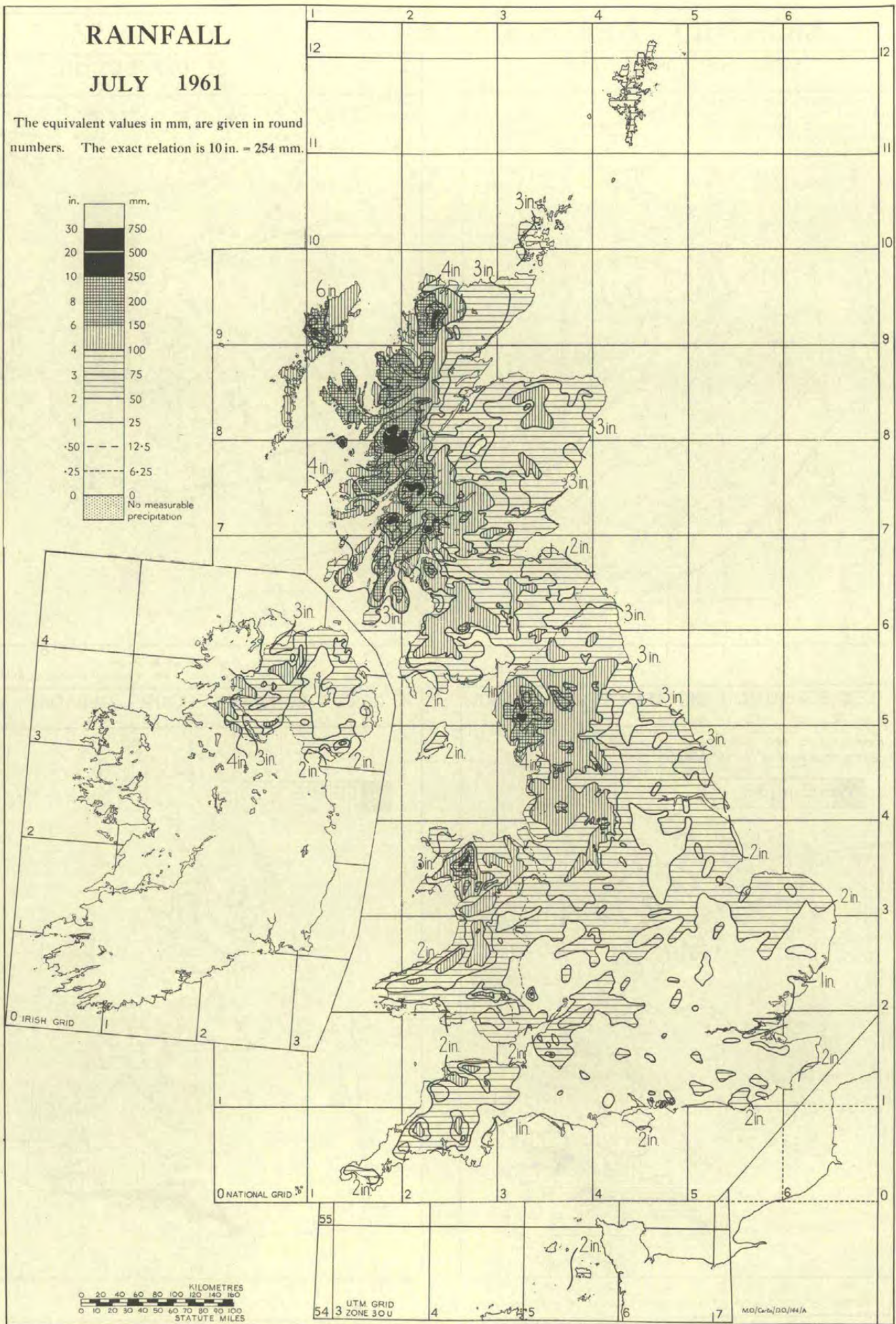
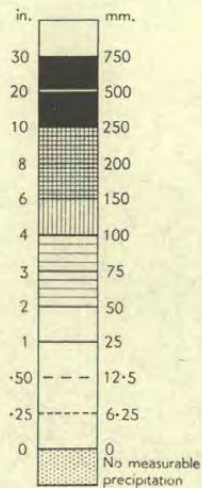


TABLE III—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER JULY

1961

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. 0° C or less	Gale	Daily Mean	Per-centage of Average				
			A	B		Mean Temperature Mean of A and B	Maximum	Date	Minimum																		Date			
			Max.	Min.																										
		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.	0.1in. (0.2mm) or more	0.1in. (1.0mm) or more									hr	%				
0 SCOTLAND, N.																														
Zetland	Lerwick Obs'y. ¶	21-9	269	13.5	9.3	11.4	-0.5	19.6	15	5.7	5	-	-	2.15	85	.37	24	18	13	0	0	0	0	3	0	0	0	2.78	66	
	Baltasound ...	9 9	78	14.2	9.5	11.9	-	18.3	14	5.6	11	10.8	-	3.23	122	.60	25	18	12	0	0	0	0	0	0	1	2.72	-		
Orkney	Sule Skerry ...	9 9	43	13.0	10.4	11.7	-	14.5	18,22,29	8.5	28	-	-	3.21	-	.72	3	17	10	0	0	0	0	1	0	0	0	-	-	
	Kirkwall (Grimsetter)	21-9	84	14.0	9.6	11.8	-	17.8	25	6.1	2	-	-	2.18	83	.39	12	18	12	0	0	0	0	0	0	2	0	2.25	-	
Caithness	Dounreay ...	9 9	70	14.2	9.7	11.9	-	19.4	25	6.7	2	-	-	2.86	-	.50	3	19	15	0	0	0	0	0	0	0	0	-	-	
	Halkirk (Olgrinbeg)	9 9	232	15.6	8.6	12.1	-	20.6	25	4.4	6	-	-	3.36	-	1.12	12	20	12	0	0	0	0	0	0	1	0	-	-	
	Wick ... ¶	21-9	119	14.7	9.4	12.1	-0.6	17.9	1	5.5	6	-	-	2.46	96	.59	12	19	12	0	0	0	0	1	0	0	0	2.38	50	
Sutherland	Cape Wrath ...	21-9	367	12.4	9.5	10.9	-	15.5	1	8.0	4,6,29	-	-	4.31	121	1.19	12	21	16	0	0	0	0	8	0	0	0	-	-	
	Lairg (Achany) ...	9 9	240	16.6	9.1	12.9	-	21.1	25	6.7	31	14.2	11.3	3.17	-	.71	12	21	13	0	0	0	0	1	0	1	0	-	-	
	Strathay ...	9 9	120	14.6	9.3	11.9	-	18.3	25	5.6	2	-	-	3.20	111	.44	13	24	16	0	0	0	0	0	0	0	0	1.62	-	
Ross & Cromarty	Stornoway ¶	21-9	11	15.0	9.9	12.5	-0.7	17.3	24	5.2	11	-	-	5.36	174	1.25	12	22	16	0	0	0	0	0	0	0	1	2.88	66	
	Balmacra ...	9 9	2	15.6	9.9	12.7	-	18.9	1	7.2	2	-	-	5.42	-	1.65	13	28	23	-	0	-	-	-	-	-	-	-	-	
	Achnashellach ...	9 9	220	15.1	9.7	12.4	-1.4	18.3	14	5.6	3,5	-	-	7.12	124	.96	3	26	21	0	0	0	0	0	0	0	0	-	-	
	Kinlochewe ...	9 9	76	15.7	10.0	12.9	-	18.9	2,31	5.0	2	13.2	-	6.47	-	1.22	25	21	16	0	0	0	0	0	0	0	1	1.41	-8	
	Garve (Blackbridge) ...	9 9	690	15.6	-	-	-	(20.0)	1	-	-	-	-	4.26	-	.81	12	21	17	-	-	-	-	-	-	-	-	-	-	
	Fortrose ... ¶	9 9	15	15.9	11.1	13.5	-0.6	19.4	2	9.4	3,9,29	-	-	2.13	78	.98	12	16	11	0	0	0	0	0	0	0	0	3.09	66	
	Tarbatness ...	21-9	60	15.4	10.6	13.0	-	20.0	1,30	8.5	3	-	-	2.13	-	.59	12	18	12	0	0	0	0	1	0	0	0	-	-	
Inverness	Benbecula ...	21-9	19	14.2	10.6	12.4	-	15.7	14	6.5	11	-	-	5.03	138	1.12	12	23	18	0	0	0	0	0	0	0	1	3.64	-	
	Isle of Rhum ...	9 9	15	15.3	9.6	12.5	-	18.3	15	4.4	2	15.3	12.9	9.05	-	2.47	12	22	19	0	0	0	0	0	0	0	1	-	-	
	Prabost ...	9 9	220	14.6	9.4	12.0	-	17.2	15	5.6	2	-	-	7.06	-	1.77	12	26	20	0	0	0	0	0	0	1	4	2.05	-	
	Duntulm ...	9 9	294	13.9	9.6	11.7	-	16.1	2,24	6.7	11	-	-	6.91	180	2.11	12	25	22	0	0	0	0	0	0	0	2	2.32	-8	
	Onich ... ¶	9 9	48	15.7	9.7	12.7	-1.2	18.9	14	5.6	5,14	-	-	6.04	102	1.30	12	18	17	-	0	-	-	-	0	0	4	-	2.56	718
	Fort William (Camaghael)	9 9	27	16.2	10.2	13.2	-	19.4	11,14	3.9	14	14.3	13.4	4.94	-	1.16	12	20	16	0	0	0	0	0	0	0	1	2.09	-	
	Fort Augustus ...	9 9	70	15.9	10.2	13.1	-1.1	18.9	1,2,6	4.4	5	-	-	2.49	-	.90	12	13	10	0	0	0	0	0	0	0	0	2.53	-8	
	Cannich ...	9 9	350	16.4	8.6	12.5	-	20.6	1	3.3	5	-	-	2.62	82	1.11	12	15	10	0	0	0	0	0	0	2	0	-	-	
	Dalwhinnie ...	18-9	176	14.7	7.9	11.3	-	18.0	1	1.0	14	-	-	2.62	76	.93	12	15	12	0	0	0	0	0	0	3	0	2.45	-8	
	Inverness ...	9 9	13	17.0	10.8	13.9	-	21.7	8	8.9	14,15	-	-	1.98	-	.75	12	12	8	0	0	0	0	0	0	0	0	3.16	-	
	Achnagoichan ...	9 9	1000	15.3	8.3	11.8	-	19.4	1	2.2	14	11.4	-	2.71	-	.53	3	20	14	-	-	-	-	-	0	2	-	-	-	
	Glenmore Lodge	9 9	1120	14.7	7.7	11.2	-	19.6	1	0.2	14	-	-	3.48	-	.81	15	23	19	0	0	0	0	0	0	0	0	1.92	-8	
1 SCOTLAND, E.																														
Nairn	Nairn ... ¶	9 9	20	16.9	10.3	13.6	-0.7	20.6	1	7.2	14	-	-	2.02	73	.71	12	17	11	0	0	0	0	0	0	0	1	3.10	68	
	Grantown-on-Spey ...	9 9	720	16.0	8.2	12.1	-	21.7	1	1.7	14	-	-	3.36	-	.78	3	27	19	-	0	-	-	-	0	0	1	-	-	
	Forres ...	9 9	155	16.4	9.9	13.1	-	21.1	1,2	6.7	6	14.3	12.1	2.36	83	.60	12	16	12	0	0	0	0	0	0	0	0	2.47	-	
	Kinloss ...	21-9	15	16.5	10.2	13.3	-	21.0	1	6.8	3	-	-	2.38	-	.61	12	18	12	0	0	0	0	0	0	0	0	2.31	-	
	Elgin ...	9 9	92	16.4	10.2	13.3	-	21.1	1	6.7	6	-	-	2.71	-	.60	12	22	16	0	0	0	0	0	0	0	0	2.72	-	
	Lossiemouth ...	9 9	21	16.2	10.2	13.2	-	21.7	1	6.1	3	-	-	2.66	-	.45	12	18	15	0	0	0	0	0	0	0	2	-	-	
	Gordon Castle ...	9 9	104	16.6	9.2	12.9	-1.8	21.1	1	5.0	7	-	-	3.02	98	.46	12	22	17	-	0	-	-	-	-	-	-	2.35	50	
Banff	Glenlivet ...	9 9	1085	-	-	-	-	-	-	-	-	-	-	3.13	92	.80	3	23	19	-	-	-	-	-	-	-	-	-	-	
Aberdeen	Braemar ...	9 9	1113	15.9	7.7	11.8	-1.3	21.7	1	1.1	14	-	-	3.20	107	1.05	15	15	13	-	0	-	-	-	0	0	3	-	3.60	-8
	Balmoral ...	9 9	927	15.8	8.3	12.1	-1.0	22.8	1	0.6	14	-	-	3.04	100	1.12	15	15	10	0	0	0	0	0	0	1	0	-	-	
	Logie Coldstone ...	9 9	608	16.7	-	-	-	22.2	1	-	-	-	-	3.21	-	.95	12	19	11	-	0	-	-	-	-	-	-	-	-	
	Huntly ...	9 9	405	-	-	-	-	-	-	-	-	-	-	3.70	-	.64	12	22	14	-	-	-	-	-	-	-	-	-	-	
	Fyvie Castle ...	9 9	218	16.2	9.7	12.9	-	21.1	1	3.3	6	-	-	2.73	-	.48	15	16	13	-	0	-	-	-	-	-	-	2.87	-	
	Craibstone ... ¶	9 9	300	15.8	9.3	12.5	-1.2	22.8	1	4.4	6	13.3	11.8	3.46	104	.94	12	21	13	0	0	0	0	0	1	0	0	2	2.82	56
	Dyce ...	21-9	190	16.3	9.3	12.8	-	23.6	1	2.1	6	-	-	3.17	92	.89	12	16	14	0	0	0	0	0	1	0	1	0	2.85	-
	Aberdeen ...	9 9	170	16.2	9.9	13.1	-	23.9	1	3.9	6	-	-	3.28	100	1.12	12	17	13	0	0	0	0	0	1	0	1	1	3.08	-
	Udny ...	9 9	383	15.9	9.1	12.5	-	22.2	1	4.4	6	-	-	2.88	-	1.02	12	18	11	0	0	0	0	0	2	0	0	1	2.93	-
Kincairdine	Rattray Head ...	21-9	85	14.7	9.8	12.3	-	21.7	1	4.6	6	-	-	2.55	95	.50	12	22	13	0	0	0	0	1	0	-	1	3.17	-	
	Fettercairn ...	9 9	560	16.6	8.8	12.7	-	22.8	1	3.9	14	-	-	3.85	-	1.25	12	19	11	0	0	0	0	1	0	3	0	2.96	-	

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

JULY 1961

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 or more or less	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	1 ft.														4 ft.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
				Max.	Min.		°C.	°C.	°C.			°C.	°C.														°C.	°C.	°C.	in.	%	in.	0 in. (0.2mm.) or more	0 in. (1.0mm.) or more	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER JULY 1961

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. 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	-0.04in. (1-6mm.) or more			
				Max. Min.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.									hr	%						
4 MIDLAND COUNTIES—cont.																																
Yorks.,	Ilkley ...	99	315	18.4	10.4	14.4	-1.3	23.3	1	7.2	14	-	-	3.14	102	1.22	12	12	11	0	0	0	0	0	0	0	0	1	4.24	82		
	W. Riding—	99	429	18.8	11.3	15.1	-1.3	26.1	1	3.9	31	15.2	13.3	2.19	79	.57	12	15	13	0	0	0	0	3	0	0	0	0	5.21	95		
cont.	Wakefield ...	99	121	20.0	11.0	15.5	-1.1	26.7	1	7.8	14, 28, 30	15.1	13.1	3.06	120	.72	12	12	8	0	0	0	0	4	0	0	0	0	-	-	-	
	Killinghall ...	99	385	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Derby	Pontefract ...	99	255	18.2	11.1	14.7	-1.2	24.4	1	7.2	14	-	-	2.39	100	.55	10	12	9	0	0	0	0	3	1	0	0	0	-	-	-	
	Bramham ...	99	177	18.2	9.9	14.1	-	23.3	1	5.0	14	-	-	2.28	-	.76	12	12	10	0	0	1	0	2	0	0	0	0	4.13	-		
	Cawood ...	99	20	18.6	10.1	14.3	-	24.4	1	5.0	6	16.2	14.7	2.81	109	.71	14	10	8	0	0	0	0	1	0	0	0	0	4.01	-		
	Askham Bryan ...	99	110	18.8	10.6	14.7	-	23.9	1	6.1	14	-	-	2.50	96	.73	14	9	7	0	0	0	1	2	0	0	0	0	4.26	-		
	Buxton ...	99	1007	15.8	9.8	12.8	-1.5	22.8	1	6.7	14	14.6	13.4	4.56	117	1.27	12	17	12	0	0	0	0	2	0	0	0	0	-	-	-	
	Chapel en le Frith	99	728	17.3	9.3	13.3	-	23.9	1	3.9	9	-	-	4.50	-	.97	12	18	14	0	0	0	0	2	0	0	0	1	-	-	-	
	Wirksworth ...	99	565	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Mackworth ...	99	293	18.7	10.5	14.6	-	24.4	1	3.9	30	-	-	2.34	-	.56	10, 12	13	10	0	0	0	0	1	0	0	0	1	-	-	-	
	Belper ...	99	203	19.8	9.8	14.8	-1.5	26.1	1	5.0	14, 30	-	-	2.33	85	.86	12	11	6	0	0	0	0	0	0	0	0	0	5.09	-	-	
	Derby ...	99	159	19.5	11.4	15.5	-	25.6	1	5.6	30	-	-	2.46	-	.58	12	15	10	0	0	0	0	0	0	0	0	0	0	5.18	-	-
Nottingham	Morley ...	99	350	18.6	10.6	14.6	-	25.6	1	6.1	6, 30	-	-	2.76	-	.99	12	14	10	0	0	0	0	0	0	0	0	0	0	-	-	-
	Chesterfield ...	99	298	18.8	10.2	14.5	-	25.6	1	3.3	21	-	-	2.38	-	.58	21	13	13	0	0	0	0	0	4	0	0	0	-	-	-	
	Sutton Bonington	99	157	19.3	10.3	14.8	-1.6	25.6	1, 2	3.9	30	15.1	-	2.02	86	.45	10	15	9	0	0	0	0	1	0	0	1	0	5.08	88		
	Watnall ...	21-9	385	18.9	10.8	14.9	-	25.8	1	6.5	30	-	-	3.04	112	1.28	12	13	9	0	0	0	0	1	1	0	0	0	0	5.34	-	
Leicester	Mansfield ...	99	362	18.7	11.4	15.1	-1.2	26.1	1	7.2	14, 30	15.8	-	2.18	82	.70	12	13	10	0	0	0	0	0	4	0	0	0	-	-	-	
	Nottingham *§	99	192	19.4	11.4	15.4	-1.4	26.2	1	7.2	30	16.0	14.6	2.52	100	.73	12	10	9	0	0	0	0	1	0	0	0	0	4.97	91		
	Warsop (Gleadthorpe)	99	150	18.8	9.8	14.3	-	26.1	1	3.3	6	-	-	2.34	105	.69	15	10	8	0	0	0	0	0	0	0	1	0	5.51	-		
	Finningley ...	21-9	34	19.3	11.3	15.3	-	26.4	1	6.2	14	-	-	1.74	-	.48	10	10	7	0	0	0	0	1	0	0	0	0	4.64	-	-	
	Langar ...	21-9	106	19.4	10.3	14.9	-	27.6	1	5.9	23	-	-	1.54	-	.40	10	12	8	0	0	0	0	2	0	0	0	0	-	-	-	
	Newtown Linford	99	388	19.2	9.7	14.5	-	26.7	1	5.0	14	-	-	2.03	-	.52	10	12	9	0	0	0	0	0	1	1	0	2	0	5.23	-	
	Leicester (Towers)	99	267	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Caldecott ...	99	175	20.3	9.3	14.8	-	30.0	1	4.4	6, 25, 30	-	-	1.95	-	.53	12	10	8	-	0	-	-	-	0	0	0	-	5.62	-	-	
	Northampton	Wellingborough...	99	298	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Warwick	Raunds ...	99	193	20.6	10.2	15.4	-	30.0	1	5.6	30	17.1	13.8	1.64	75	.34	14	12	8	0	0	0	0	1	0	0	0	0	-	-	-
Wittering ...		21-9	212	19.6	10.7	15.1	-	29.2	1	6.3	14	-	-	2.21	-	.66	11	11	8	0	0	0	0	1	0	0	0	0	5.82	-	-	
Birmingham K.E.S.		99	450	18.9	11.4	15.1	-	26.1	1	6.1	30	-	-	2.59	-	.70	12	11	8	0	0	1	0	1	0	0	0	0	-	-	-	
Birmingham *§		21-9	536	18.9	11.6	15.3	-1.0	26.6	1	7.2	14	13.1	12.1	3.11	109	.96	12	11	9	0	0	0	0	1	0	0	0	0	4.96	92		
Luddington ...		99	138	20.5	10.4	15.5	-	26.1	1	5.0	6, 30	-	-	1.84	79	.42	14	10	7	0	0	0	0	2	0	0	0	0	5.97	-	-	
Stratford on Avon		99	160	20.7	9.9	15.3	-	26.1	1	3.3	6	18.0	-	2.15	-	.70	14	10	7	0	0	0	0	2	0	0	0	0	5.96	-	-	
Birmingham Airport*		21-9	319	19.4	10.6	15.0	-	26.1	1	4.2	30	-	-	2.54	98	.77	12	10	8	0	0	0	0	1	0	0	0	0	5.54	-	-	
Shipston on Stour		99	365	19.8	10.8	15.3	-	25.6	1	6.7	6	16.2	-	1.78	-	.74	12	11	7	0	0	0	0	2	0	0	0	0	-	6.13	-	
Wellesbourne ...		99	153	20.7	10.4	15.5	-	27.2	1	4.4	6	16.9	15.7	1.48	61	.41	12	9	6	0	0	0	0	1	0	0	1	0	5.86	-	-	
Moreton Morrell...		99	280	20.1	10.7	15.4	-	27.2	1	5.0	14	-	-	1.65	-	.50	12	10	6	0	0	0	0	0	1	0	0	1	0	5.44	-	-
Oxford	Coventry...	99	338	19.6	10.9	15.3	-1.5	26.7	1	6.1	6, 30	16.1	13.7	1.97	75	.53	12	11	8	0	0	0	0	1	0	0	0	0	4.88	918	-	
	Rugby ...	99	385	19.9	10.9	15.4	-	27.8	1	6.1	30	17.2	15.4	1.93	-	.70	12	11	11	0	0	0	0	3	0	0	0	0	-	-	-	
	Oxford *§	99	208	21.1	11.9	16.5	-0.6	28.9	1	7.2	6	17.8	15.9	2.14	89	.69	12	9	9	0	0	0	0	3	0	0	0	0	6.34	108	-	
	Aylesbury ...	99	316	20.6	10.8	15.7	-	29.4	1	5.6	6	-	-	2.20	-	1.45	12	9	8	0	0	1	0	3	0	0	1	0	6.50	-	-	
Buckingham	Keele ...	99	587	17.6	10.6	14.1	-	24.4	1	6.1	6	15.1	12.9	3.91	129	1.05	12	14	12	0	0	0	0	3	0	0	0	0	4.71	-	-	
	Stafford	99	409	19.6	10.0	14.8	-0.9	27.2	1	4.4	30	15.4	-	2.50	-	.90	12	12	8	-	-	-	-	-	-	-	3	-	-	-	-	
	Oaken ...	99	365	19.0	9.2	14.1	-	25.0	1	3.9	30	15.6	-	3.83	-	1.08	11	10	9	0	0	0	0	0	0	0	1	0	4.55	-	-	
	Wheaton Aston ...	99	365	18.4	9.9	14.1	-	25.6	1	3.9	6, 30	-	-	3.07	-	.79	12	13	8	0	0	0	0	1	0	0	1	0	5.11	-	-	
Shropshire	Stone ...	99	350	18.4	9.9	14.1	-	25.6	1	3.9	30	-	-	2.47	-	.90	12	11	8	0	0	0	0	0	0	0	1	0	-	-	-	
	Penkridge ...	99	330	18.8	10.1	14.5	-	26.7	1	3.9	30																					

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER JULY 1961

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.	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																	in.	%	in.
				Max. Min.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.	Amount	Date	-0.1in. (0.2mm.) or more	-0.4in. (1.0mm.) or more	Snow or Sleet	Snow lying at 9h.	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. °C. or less	Gale
5 ENGLAND, S.E.—cont.																														
Surrey	Wisley ...	9 9	150	21.6	11.0	16.3	-1.5	33.3	1	5.6	6	17.2	15.4	2.01	76	1.06	15	9	9	0	0	0	1	2	0	0	0	0	6.03	95
	Mickleham ...	9 9	179	21.2	10.1	16.7	-	32.2	1	3.9	6	-	-	1.89	76	.95	15	9	8	0	0	0	1	0	2	0	0	0	-	-
Kent	Kew Observatory §§	21-9	18	21.3	13.0	17.1	-0.7	31.7	1	8.7	30	17.7	15.7	1.20	49	.31	12.15	9	8	0	1	0	2	0	0	0	0	6.55	102	
	Gatwick ...	21-9	192	21.5	10.2	16.9	-	33.2	1	4.4	6	-	-	1.87	-	.73	15	9	7	0	0	1	0	2	0	0	0	6.30	-	
	Croydon (Waddon)	9 9	220	21.4	11.9	16.7	-0.5	32.8	1	7.2	6,30	-	-	1.19	49	.43	15	9	7	0	-	-	-	-	-	-	-	-	-	
	Addington ...	9 9	474	20.8	11.9	16.3	-0.4	32.2	1	7.2	5	-	-	1.27	48	.36	15	11	8	-	-	-	0	0	-	-	-	-	-	
	Bromley ...	9 9	213	21.7	12.0	16.9	-0.7	33.3	1	7.2	30	-	-	.98	43	.25	12	9	7	0	-	-	-	0	0	-	-	-	-	
	Swanley ...	9 9	177	21.7	10.3	16.0	-	32.8	1	4.4	31	16.2	-	.97	-	.35	12	7	6	0	0	0	0	1	0	0	-	5.82	-	
	Dartford ...	9 9	17	22.0	11.7	16.9	-	33.9	1	6.1	6,30	-	-	1.04	49	.36	12	8	6	0	0	0	0	1	0	0	0	-	-	
	Tunbridge Wells	9 9	351	20.8	10.5	15.7	-1.0	31.7	1	5.0	6	17.8	16.7	1.73	76	.59	14	9	7	0	0	1	0	2	0	0	1	6.47	91	
	Goudhurst ...	9 9	280	20.8	10.2	15.5	-	32.2	1	3.9	6	-	-	2.08	82	.91	14	8	7	0	0	0	2	0	0	0	1	-	-	
	East Malling §§	9 9	122	21.7	10.5	16.1	-0.6	33.3	1	4.4	6	-	15.9	1.22	52	.36	12	11	7	0	0	0	0	0	0	0	0	6.37	94	
	Benenden ...	9 9	195																											
	Gillingham ...	9 9	10	22.6	12.3	17.5	-	33.9	1	7.2	20	-	-	1.06	-	.33	12	9	7	0	0	0	0	0	0	0	-	5.54	-	
	Sittingbourne ...	9 9	224	21.7	11.8	16.7	-	32.2	1	7.2	6	17.4	15.3	1.06	-	.40	14	6	6	0	0	0	0	0	0	0	0	6.23	-	
	Isle of Grain ...	9 9	9	21.7	12.7	17.2	-	31.7	2	7.8	9	-	-	1.12	-	.55	12	8	5	0	0	-	-	-	0	0	0	-	5.96	-
Throley ...	9 9	493	20.2	11.1	15.7	-	31.1	1	7.2	6,31	17.4	14.9	1.16	-	.49	14	10	6	0	0	0	2	0	0	0	3	6.13	-		
Faversham ...	9 9	157	21.1	11.7	16.4	-	32.8	1	7.2	6,31	17.7	16.2	.86	-	.24	12	8	6	0	0	0	0	0	0	0	0	5.92	-		
Dungeness ...	21-9	10	19.8	12.5	16.1	-	28.6	1	6.0	30	-	-	1.42	71	.35	27	9	6	0	0	0	2	0	0	0	1	-	-		
Wye ...	9 9	185	20.9	11.3	16.1	-0.6	32.2	1	6.7	5	-	-	1.50	59	.76	14	7	6	0	0	0	3	0	0	0	0	5.90	84		
Whitstable ...	9 9	9	20.8	12.9	16.9	-	32.2	1	10.0	6,7	-	-	1.69	86	.60	13	12	6	0	0	0	0	1	0	0	0	6.31	-		
Folkestone ...	9 9	128	20.6	13.7	17.1	-	30.0	1	9.4	5	-	16.4	2.17	98	.95	14	9	7	0	0	0	1	0	0	0	0	6.87	-		
Wingham (Elmstone)	9 9	28	20.9	11.3	16.1	-	32.8	1	7.8	31	-	-	2.19	-	.76	12	11	6	0	0	-	-	-	0	0	0	-	-		
Herne Bay ...	9 9	21	21.6	13.8	17.7	-	32.8	1	10.0	16	-	-	1.95	94	.82	12	11	5	0	0	0	3	0	0	0	1	5.81	-		
Dover ...	9 9	19	19.7	13.6	16.7	-0.1	28.9	2	10.6	5	18.5	17.4	2.42	103	.96	14	8	7	0	0	0	3	0	0	0	2	6.12	96		
Dover R.M.S. ...	9 9	402	18.7	12.7	15.7	-	30.6	1	8.9	5	-	-	2.78	100	1.30	14	10	7	0	0	0	2	0	0	0	0	-	-		
Deal ...	21-9	18	20.2	13.5	16.9	-	28.0	2	9.8	5	-	-	1.58	-	.38	12	9	6	0	0	0	0	0	0	0	0	-	-		
Ramsgate ...	9 9	80	20.0	13.9	16.9	-	28.3	2	11.1	5,16	-	-	1.88	86	.53	13	10	5	0	0	0	2	0	0	0	-	6.76	92		
Manston ...	21-9	145	20.5	12.6	16.5	-	31.0	1	9.6	6	-	-	1.75	-	.68	13	11	5	0	0	0	2	0	0	0	0	-	-		
Margate ...	9 9	51	19.9	14.4	17.1	-0.3	30.0	1	11.1	16	18.4	16.4	1.87	95	.71	13	8	6	0	0	0	1	0	0	0	0	6.58	85		
Thorney Island	21-9	10	21.5	12.2	16.9	-	29.2	1	7.2	6	-	-	.91	45	.24	14	5	5	0	0	0	1	0	0	0	0	7.53	-		
Bognor Regis ...	9 9	24	19.7	12.8	16.3	-0.3	25.0	2	8.9	5	-	16.5	1.79	85	.73	15	8	6	0	0	0	1	0	0	0	1	7.65	108		
Littlehampton ...	9 9	15	20.0	12.5	16.3	-0.3	25.6	1,2,3	8.9	5,6	-	16.8	1.89	86	.64	15	6	6	0	0	0	1	0	0	0	0	7.76	108		
Rustington ...	9 9	10	20.1	10.8	15.4	-	27.2	1	6.1	31	-	15.1	1.40	-	.44	15	8	5	0	-	-	-	0	0	0	0	6.61	-		
Worthing ...	9 9	25	20.3	13.2	16.7	-0.2	26.1	1	9.4	5	17.4	15.7	1.14	53	.37	27	7	6	0	0	0	1	0	0	0	1	7.61	102		
Brighton ...	9 9	32	19.8	13.3	16.5	-	26.7	1,2	10.0	5,24,30	-	16.5	1.44	66	.39	27	7	7	0	0	0	0	0	0	0	0	6.74	-		
East Grinstead ...	9 9	440	21.3	10.3	15.8	-	32.2	1	5.0	6,30	-	15.1	2.24	-	.60	15	9	7	0	0	0	1	0	0	0	0	-	-		
Seaford ...	9 9	45	19.7	12.1	15.9	-	27.8	1,2	7.8	6,30	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	7.19	-		
Eastbourne ...	9 9	35	19.6	12.9	16.3	-0.5	27.8	1,2	9.4	6,30	18.1	16.3	2.72	122	.67	14	8	7	0	0	0	2	0	0	0	0	8.00	104		
Eastbourne (C/guard)	21-9	17	20.2	12.7	16.5	-	28.8	1	7.2	6	-	-	2.42	-	.55	27	8	7	0	0	0	1	0	0	0	1	-	-		
Bexhill ...	9 9	14	19.7	12.9	16.3	-0.3	29.0	2	7.8	5	18.3	-	1.83	86	.47	27	7	6	0	0	0	0	1	0	0	0	6.84	-		
Sedlescombe ...	9 9	175	20.6	10.7	15.7	-	31.7	1	6.1	6	-	-	1.97	-	.89	14	7	7	0	0	0	0	1	0	0	0	1	-	-	
Bodiam ...	9 9	73	21.3	10.4	15.9	-	30.6	1	4.4	6	17.6	15.2	2.01	-	.75	14	7	7	0	0	-	-	-	0	0	2	-	6.21	-	
Hastings ... §§	9 9	149	19.9	13.1	16.5	-0.3	29.4	2	8.3	5	18.8	16.8	2.14	95	.75	27	7	6	0	0	0	0	1	0	0	0	1	7.12	97	
Berkshire	Letcombe Regis	9 9	350	20.5	9.6	15.1	-	27.2	1	3.9	6	-	-	1.80	-	.85	12	9	7	0	0	0	0	0	0	0	0	-	-	
	Abingdon ...	21-9	210	21.3	11.3	16.3	-	28.9	1	6.1	6	-	-	1.87	76	.58	12	9	8	0	0	0	3	0	0	0	0	6.54	-	
Compton ...	9 9	339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Woolhampton ...	9 9	370	20.9	10.7	15.8</																									

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER JULY 1961

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 Air and Soil	Difference from Average	Highest Maximum and Lowest Minimum						Rainfall		Precip'n		Weather		Thunder heard	Fog at 9h.	Air Frost	Grass min. (°C. or less)	Gale	Daily Mean	Percentage of Average																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
					A	B			Maximum	Date	Minimum	Date	Total Fall	Percentage of Average	Amount	Date	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.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
					Max. Min.	ft.			°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.																		hr	%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
7a ENGLAND, N.W.			G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.		°C.	°C.	in.	%	in.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER JULY 1961

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				1 ft.	4 ft.	Total Fall	Per-centage 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. 0°C. or less	Gale	Daily Mean	Per-centage of Average			
			A Max.	B Min.			Maximum	Date	Minimum	Date					Amount	Date															
			G.M.T.	ft.			°C.	°C.	°C.	°C.					°C.	°C.													°C.	°C.	in.
8b ENGLAND, S.W.																															
Somerset	HawkrIDGE (Liscombe)	99	1030	17.3	9.5	13.4	-	25.0	1	6.1	8,24,31	-	2.90	-	.90	14	13	10	0	0	0	0	0	0	0	0	0	0	-	-	
	Cannington	99	95	20.3	12.1	16.2	-	25.6	1	7.2	30	17.8	1.89	76	.46	12	9	8	0	0	0	0	1	0	0	0	0	7.07	-		
	Weston-s-Mare	99	28	20.2	12.8	16.5	-	22.8	1,21	8.3	6,30	-	1.87	70	.45	1	9	8	0	0	0	0	1	3	0	0	0	6.60	107		
	Long Ashton	99	162	20.2	11.7	15.9	-0.6	27.2	1	6.7	6	17.9	2.81	90	.70	14	9	9	0	0	0	0	0	0	0	0	0	6.20	100		
	Bath (City)	99	388	20.2	11.5	15.9	-	28.3	1	7.2	6	-	1.75	-	.39	12	8	8	0	0	0	0	0	1	0	0	0	0	-	-	
Dorset	Bath	99	67	21.0	11.7	16.3	-0.8	27.8	1	6.1	6,30	18.2	15.9	1.80	65	.40	12	9	8	0	0	0	2	0	0	0	0	0	6.78	112	
	Portland Bill	21-9	35	18.9	13.8	16.3	+0.7	21.6	1	10.5	6	-	.82	43	.26	27	8	6	0	0	0	0	0	0	0	0	0	3	-	-	
	Weymouth	99	16	20.8	12.9	16.9	+0.1	25.0	1	8.3	5	-	.98	45	.30	27	7	5	-	0	0	0	0	0	0	0	0	8.10	117		
	Shaftesbury	99	680	19.9	10.8	15.3	-0.4	26.1	1	8.3	5,23,31	-	1.32	50	.47	12	9	6	-	0	0	0	1	0	0	0	0	-	-		
	Swanage	99	37	20.2	12.2	16.2	-	23.3	1	7.2	5	16.4	1.18	-	.28	27	7	7	0	0	0	0	1	0	0	0	1	8.17	-		
Devon	Poole	99	18	22.1	10.8	16.5	-	26.7	1	6.1	5,6	-	1.33	-	.68	12	10	7	0	0	0	0	0	0	0	0	0	0	7.28	-	
	Hartland Pt.	21-9	298	17.2	13.0	15.1	-	22.0	1	11.1	31	-	1.64	-	.58	14	10	8	0	0	0	0	2	0	0	0	2	6.63	-		
	Plymouth (Mt. Batten)	21-9	87	19.0	12.4	15.7	-0.3	23.4	1	7.3	5	-	2.11	82	.52	11	12	9	0	0	0	0	3	0	0	0	0	7.82	123		
	Plymouth (The Hoe)	99	119	19.7	12.2	15.9	-0.5	22.8	7	7.8	5	17.6	16.0	1.72	67	.41	1	13	8	0	0	0	0	1	0	0	0	1	7.68	120	
	Tavistock	99	457	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cornwall	Chivenor	21-9	20	19.4	12.1	15.7	-	25.1	1	8.4	3	-	1.83	-	.48	1	8	7	0	0	0	0	2	0	0	0	0	0	6.87	-	
	Ilfracombe	99	25	18.1	13.7	15.9	-0.3	21.7	1	11.1	18	18.2	16.3	1.77	59	.47	14	10	9	0	0	0	0	0	0	0	1	7.32	117		
	Princetown	99	1359	-	-	-	-	-	-	-	-	-	-	4.11	62	1.06	14	15	11	-	-	-	-	-	-	-	-	-	-	-	
	Totnes	99	120	21.3	10.3	15.8	-	28.9	1	4.4	31	17.8	14.7	1.27	42	.40	1	10	6	0	0	0	3	0	0	3	1	7.51	-	-	
	Slapton	99	104	20.5	12.1	16.3	-	25.0	1	8.3	5,31	-	1.93	-	.52	14	9	7	0	0	0	0	2	0	0	0	0	0	7.22	119	
Cornwall	Newton Abbot	99	272	20.7	11.4	16.1	-0.2	27.8	1	7.2	5,24,31	-	1.27	49	.63	1	8	5	0	0	0	0	2	0	0	0	0	0	7.22	119	
	Paignton	99	8	20.8	12.4	16.6	-	24.4	7,25	7.8	31	-	1.00	42	.35	1	8	7	0	0	0	0	1	0	0	0	0	0	7.72	116	
	Torquay	99	26	20.5	12.9	16.7	-0.1	25.0	1,7	9.4	5,31	-	1.76	.87	40	.35	1	8	6	0	0	0	0	1	0	0	0	1	8.71	127	
	Teignmouth	99	20	21.0	13.2	17.1	+0.2	25.0	1	9.4	5,31	-	.88	40	.27	1	8	6	0	0	0	0	1	0	0	0	0	0	7.93	117	
	Starcross	99	29	20.5	11.2	15.9	-	27.2	1	7.2	5,31	18.1	-	.81	-	.38	1	7	5	0	0	0	0	2	0	0	0	0	7.63	-	
Cornwall	Exeter (Southam)	99	160	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Exmouth	99	195	20.1	11.6	15.9	-0.2	26.7	1	8.9	3,20,31	-	.94	40	.29	1	10	6	0	0	0	0	2	0	0	0	0	0	7.95	125	
	Exeter	21-9	106	20.9	11.1	16.0	-	28.5	1	6.3	30	-	1.14	46	.37	1	7	6	0	0	0	0	2	0	0	0	0	0	7.09	-	
	Sidmouth	99	25	20.3	12.4	16.3	+0.1	25.0	26	7.8	5	-	1.07	-	.22	27	9	7	0	0	0	0	0	0	0	0	0	0	8.08	-	
	St. Mary's, Scilly	21-9	158	19.1	13.4	16.3	+0.5	21.7	1	10.9	6	-	1.43	64	.59	14	9	6	0	0	0	0	0	2	0	0	3	7.27	111		
Cornwall	Penzance	99	62	19.4	12.5	15.9	-0.5	23.9	1	9.4	16	-	1.96	72	.51	14	13	8	0	0	0	0	1	0	0	0	0	0	7.08	111	
	Gulval	99	50	19.5	12.9	16.2	+0.1	23.9	1	9.4	6	-	1.79	-	.46	14	12	9	-	0	0	0	0	0	0	0	0	0	7.22	113	
	Culdrose	99	268	18.6	12.1	15.3	-	25.0	1	9.4	5	-	2.04	-	.37	14	14	12	0	0	0	0	2	0	0	0	0	0	7.28	-	
	Camborne (Rosewarne)	99	250	18.1	12.4	15.3	-	20.6	1,25	10.0	24	17.1	15.6	1.40	-	.33	11	12	8	0	0	0	2	0	0	0	2	6.69	-		
	Lizard	99	240	19.0	11.9	15.5	-	24.6	2	7.7	27	-	1.91	89	.40	14	13	9	0	0	0	0	0	0	0	0	0	0	7.91	-	
Cornwall	Falmouth	99	167	19.2	12.4	15.8	-0.6	25.6	1	10.0	14,15,16	-	1.42	51	.38	14	13	7	0	0	0	0	1	0	0	0	0	0	7.04	110	
	Newquay	99	176	18.2	12.8	15.5	-0.3	21.7	11	8.9	21,25	-	1.35	51	.28	11	10	8	0	0	0	0	1	0	0	0	2	6.72	107		
	St. Mawgan	21-9	337	18.1	12.5	15.3	-	22.6	1	10.1	6	-	1.93	-	.37	11	11	9	0	0	0	0	2	1	0	0	3	7.06	-		
	St. Austell	99	310	19.7	12.3	16.0	-	27.2	1	8.9	30	-	2.69	79	.70	12	12	9	0	0	0	0	0	0	0	0	0	0	-	-	
	Fowey	99	51	19.9	12.6	16.3	0.0	25.6	1	7.2	30	-	2.33	-	.61	12	9	8	0	0	0	0	1	1	0	-	1	-	-	-	
Cornwall	Bude	99	50	18.6	11.3	14.9	-0.8	21.7	1	6.1	5,30	16.8	-	1.46	54	.37	1	8	7	0	0	0	0	-	0	0	-	0	6.91	116	
	Ellbridge	99	190	19.9	11.0	15.5	-	27.8	1	5.6	30	-	2.69	-	.98	1	12	8	0	0	0	0	2	0	0	0	0	0	6.88	-	
	NORTHERN IRELAND																														
	Londonderry	Eglinton	99	46	16.4	10.2	13.3	-	20.0	25	7.2	2,6	-	2.65	-	1.02	11	18	9	0	0	0	0	0	0	0	0	0	0	-	-
		Ballykelly	21-9	3	16.2	10.6	13.4	-1.1	18.9	25	3.9	2	-	2.41	77	1.06	12	10	7	0	0	0	0	0	0	0	0	0	0	3.47	82
Garvagh		99	121	16.5	10.1	13.3	-1.1	19.4	25	3.9	6	15.0	-	2.13	55	.91	12	14	7	0	0	0	0	0	0	0	1	0	-	-	
Antrim	Portrush	99	18	-	-	-	-	-	-	-	-	-	2.50	-	1.00	12	14	8	-	-	-	-	-	-	-	-	-	-	3.61	-	
	Aldergrove	21-9	217	16.7	10.2	13.5	-1.1	18.9	8	4.4	6	-	1.93	63	.55	12	13	10	0	0	0	0	0	0	0	0	0	0	3.17	72	
	Nutts Corner	21-9	338	16.9	10.1	13.5	-	21.0	24	4.4	6	-	2.39	70	.46	12	15	11	0	0	0	0	0	0	0	0	0	0	-	-	
Down	Parkmore Forest	99	779	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Hillsborough	99	388	16.7	9.8	13.3	-1.1	21.1	1	5.6	6	14.4	-	1.56	51	.50	11	14	9	0	0	0	0	0	0	1	0	3.51	77		
	Kilkeel	21-9	59	16.7	10.5	13.6	-	19.1	6	5.6	6	-	2.18	-	.66	13	12	7	0	0	0	0	1	0	0	0	0	0	-	-	
Down	Tollymore Park	99	130	17.6	10.3	13.9	-	19.4	1,6	6.1	6	-	2.36	-	.85	11	10	8	-	-	-	-	1	0	0	0	0	0	-	-	
	Belfast (Stormont)	99	200	17.3	10.4	13.9	-	19.4	5	7.8																					

TABLE IV—SUMMARY OF OBSERVATIONS AT FIXED HOURS JULY 1961

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.	2,200-4,200 yd.	3-6 mi.	7-12 mi.	13-24 mi.	25 mi. or over	34 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	0-44 yd.	45-210 yd.	220-430 yd.	440-1,000 yd.	1,100-2,100 yd.	2,200-4,200 yd.	3-6 mi.	7-12 mi.	13-24 mi.	25 mi. or over	34 or more	0	1	2	3	4
																																	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.	2,200-4,200 yd.	3-6 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
																																	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.	2,200-4,200 yd.	3-6 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
																																	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.	2,200-4,200 yd.	3-6 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
																																	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.	2,200-4,200 yd.	3-6 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
																																	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.	2,200-4,200 yd.	3-6 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
																																	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.	2,200-4,200 yd.	3-6 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
																																	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.	2,200-4,200 yd.	3-6 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
																																	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.	2,200-4,200 yd.	3-6 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
																																	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.	2,200-4,200 yd.	3-6 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
																																	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.	2,200-4,200 yd.	3-6 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
																																	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.	2,200-4,200 yd.	3-6 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
																																	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.	2,200-4,200 yd.	3-6 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
																																	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.	2,200-4,200 yd.	3-6 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
																																	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.	2,200-4,200 yd.	3-6 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
																																	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.	2,200-4,200 yd.	3-6 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
																																	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.	2,200-4,200 yd.	3-6 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
																																	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.	2,200-4,200 yd.	3-6 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
																																	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.	2,200-4,200 yd.	3-6 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
																																	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.	2,200-4,200 yd.	3-6 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
																																	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.	2,200-4,200 yd.	3-6 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
																																	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.	2,200-4,200 yd.	3-6 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
																																	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.	2,200-4,200 yd.	3-6 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
																																	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.	2,200-4,200 yd.	3-6 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
																																	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.	2,200-4,200 yd.	3-6 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
																																	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.	2,200-4,200 yd.	3-6 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
																																	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.	2,200-4,200 yd.	3-6 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
																																	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.	2,200-4,200 yd.	3-6 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
																																	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.	2,200-4,200 yd.	3-6 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
																																	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.	2,200-4,200 yd.	3-6 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
																																	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.	2,200-4,200 yd.	3-6 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
																																	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.	2,200-4,200 yd.	3-6 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
																																	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.	2,200-4,200 yd.	3-6 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
																																	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.	2,200-4,200 yd.	3-6 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
																																	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.	2,200-4,200 yd.	3-6 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
																																	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.	2,200-4,200 yd.	3-6 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
																																	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.	2,200-4,200 yd.	3-6 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
																																	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.	2,200-4,200 yd.	3-6 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
																																	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.	2,200-4,200 yd.	3-6 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
																																	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.	2,200-4,200 yd.	3-6 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
																																	0	1	2	3	4	5	6	7																										

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS JULY 1961

[illegible]

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS JULY 1961

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.	1,000-2,100 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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		G.M.T.	ft.	mb.	mb.	°C.	°C.	mb.	%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													</

Monthly Weather Report

OF THE METEOROLOGICAL OFFICE

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

Volume 78 Number 8

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August 1961 — *Generally cool and changeable but very warm at the end of the month*

After the first two days weather was generally cyclonic until the 8th with a complex low pressure system to the north of the country, but from then until the 12th a ridge of high pressure moved slowly eastward from the Atlantic across the British Isles. For most of the remainder of the month a large anticyclone persisted to the south-west of the British Isles while depressions moved east or south-east between Scotland and Iceland.

Pressure was low over Scandinavia on the 1st and 2nd and north-westerly winds over the British Isles brought showery weather with sunny periods; heavy thunderstorms gave rainfall exceeding 1 in. at a number of places on both days — nearly 1 in. fell in 30 min locally in Devon on the 1st. The warm sector of a complex depression south of Iceland moved across almost the whole country on the 3rd giving general rain which was heavy in western districts; at Langdale, Westmorland, $3\frac{1}{2}$ in. of rain fell in 6 hours. The next four days were mainly showery with scattered thunderstorms, although there were periods of more continuous rain in south and south-east England on the 4th and 5th. During the 7th and 8th a small but vigorous depression moved from the Bay of Biscay across the country to the North Sea. The 8th was unusually wet and stormy. Many parts of Scotland had more than 2 in. of rain in 24 hr and there was serious flooding, particularly in the Glasgow area. Wind reached gale force in most districts; at Dungeness and Cardington gusts of 63 kt were recorded.

As the depression moved away north-eastwards weather behind it over England and Wales was generally fine on the 9th, apart from a few scattered showers, although in Scotland an associated trough gave some more continuous rain for the greater part of the day. On the 10th a depression formed off our south-west coasts and moved eastwards along the English Channel. Rain fell continuously for about 24 hr over much of the south-west, many places in Somerset recording more than 3 in. during this time; at Torre 1 in. fell in 90 min. The rain continued for some time on the 11th in eastern England but a ridge of high pressure moved from the Atlantic over the western part of the country and many places in Cornwall and Devon had over 10 hr of sunshine. The 12th was fine and sunny generally, the first day of the month to be almost free of rain in England and Wales.

During the next week weather was changeable as troughs of low pressure moved south-east across the British Isles around a quasi-stationary anticyclone off the south-west coasts; in the generally cool north-westerly air-stream cloudy periods with occasional rain alternated with sunnier spells.

The anticyclone moved southward on the 20th and winds backed to west. Warm-front rain spread from the west that night and there were periods of rain or frequent showers on the 21st as a depression moved south-east skirting the coast of Scotland. After a showery day on the 22nd further troughs in the general westerly air-stream brought changeable weather on the 23rd-26th, rain in the west being heavy at times.

Rain persisted in Scotland and Northern Ireland on the 27th, but with pressure rising over most of the country and an anticyclone over northern France moving slowly eastward, weather over most of southern England was fine and warm. The next day the anticyclone was centred over northern Germany and southerly winds with fine warm weather became general over the British Isles, although sea

fog affected many coastal areas in the south-west. The 29th was the warmest day of the month, the air over the British Isles being drawn from the Western Mediterranean; afternoon temperatures reached 32°C at several places. Weather remained generally fine and warm during the last two days of the month though maximum temperatures were not as high as on the 29th.

Pressure and Wind — Mean pressure was below average over much of Scotland but above average elsewhere, the deviations at 9 hr ranging from -1.8 mb at Lerwick to $+3.6$ mb at Scilly. After two days of north-westerlies surface winds were mainly westerly until the 8th, north-westerly or variable on the 9th-12th and north-westerly again on the 13th-19th. Subsequently winds were generally south-westerly until the 27th and then southerly until the end of the month. Wind reached gale force in Scotland on 14 days and in England and Wales on the 2nd-4th, 7th-9th, 19th-22nd, 25th and 27th (12 days). Gales were widespread on the 8th, the highest mean hourly wind speed exceeding 40 kt at a number of places.

Temperature — Mean temperature was 0.3°C below the 1921-50 average in England and Wales, 0.4°C and 0.5°C below the average in Scotland and Northern Ireland respectively. Maximum day temperatures in England and Wales were generally below normal though high temperatures from the 27th onwards raised the averages appreciably. The 29th was the warmest day nearly everywhere with maximum temperature over 30°C in many places; at Ross-on-Wye it was the warmest August day since 1942.

Extremes included:—(England and Wales) 31.8°C at Abingdon and Pershore on the 29th, -1.1°C at Grizedale on the 5th; (Scotland) 28.9°C at Kinlochewe on the 29th, -0.6°C at Tarfside on the 3rd and 5th; (Northern Ireland) 24.2°C at Ballykelly on the 28th, 3.3°C at Garvagh on the 12th.

Precipitation — The general rainfall expressed as a percentage of the 1916-50 average was 100 over England and Wales, 131 over Scotland and 85 over Northern Ireland. Less than half the average rainfall was recorded over the extreme south of England from Portland Bill to the Isle of Sheppey, but more than 150 per cent of the average occurred in the Peak District, northern Lincolnshire, Renfrewshire, Argyshire, western Inverness-shire and southern Ross-shire.

Thunder was heard in Scotland on 4 days and in England and Wales on the 1st, 2nd, 5th, 8th, 10th-15th, 22nd, 24th, 29th and 31st (16 days). Thunderstorms were widespread in south-east England on the 1st and in northern, western and central England on the 8th.

Sunshine — The general sunshine expressed as a percentage of the 1921-50 average was 103 in England and Wales, 105 in Scotland and 98 in Northern Ireland. Abundant sunshine everywhere towards the end of the month helped to raise totals which had been below the average generally, especially during the second and third weeks. During the last week of the month sunshine in north-west England was about twice the average.

Fog — In Scotland fog was reported at one lower level station or another on 10 days although Lowther Hill experienced hill fog on 22 days. In England and Wales fog occurred on 16 days; sea-fog affected many south-western coastal areas around the 28th.

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

TABLE I—DISTRICT VALUES— AUGUST 1961 (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. 28.9	°C. 1.3	°C. -0.1	°C. -0.3	°C. -0.2	°C. —	°C. —	% 117	+2	% 96
Eastern 1 SCOTLAND, E.	28.5	-0.6	-0.1	-0.5	-0.2	—	—	111	+1	111
2 ENGLAND, N.E.	29.4	0.6	-0.3	-0.4	-0.3	-0.9	-0.9	97	+2	118
3 ENGLAND, E.	30.9	1.1	-0.4	-0.2	-0.2	-1.0	-0.2	122	+4	100
4 MIDLAND COUNTIES	31.8	2.8	-0.5	-0.1	-0.3	-0.4	-0.1	100	+3	103
5 ENGLAND, S.E.	°C. 31.8	°C. 3.9	°C. -0.4	°C. +0.5	°C. 0.0	°C. -0.9	°C. -0.2	% 63	0	% 89
Western 6 SCOTLAND, W.	27.8	0.6	-0.8	-0.5	-0.7	-1.1	-1.0	135	+4	106
7 ENGLAND, N.W. (and N. Wales)	30.0	-1.1	-0.	-0.	-0.	-1.1	+0.4	128	+1	113
8 ENGLAND, S.W. (and S. Wales)	30.6	3.9	-0.4	0.0	-0.2	-0.2	+0.1	102	+1	96
NORTHERN IRELAND	24.2	3.3	-0.6	-0.4	-0.5	-	-	85	+3	98

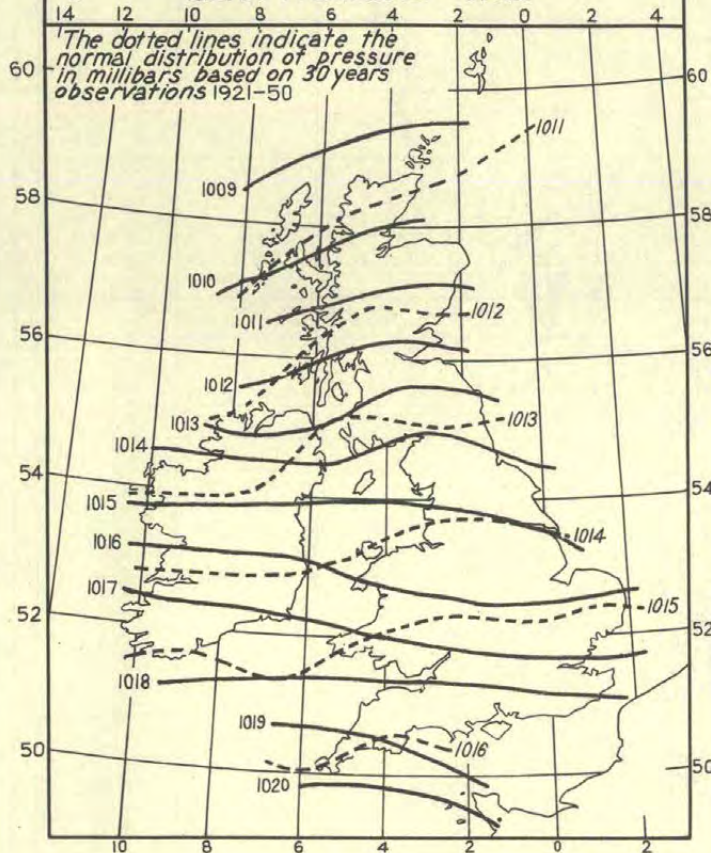
TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— AUGUST 1961 (1914)

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	310	53	37	-	0	7	53	416	264	11	0	12.8	230	3	27 08	48	27 1555		
	Orkney	Kirkwall (Grimsetter)	135	51	33	-	0	2	5	324	353	62	0	9.9	280	26	4 14	40	4 1315		
	Caithness	Dounreay	110	39	30	-	0	5	22	398	321	0	3	11.8	(180	30	29 11)	(43	29 1050)		
		Halkirk (Olgrinbeg)	272	40	40	-	0	7	19	247	404	59	15	9.8	280	26	4 16	42	27 0620		
	Ross & Cromarty	Stornoway (Coastguard)	120	40	36	26-31	31	8	111	180	284	138	0	12.3	210	46	29 22	64	29 2140		
		Duirinish	125	65	55	-	0	8	61	361	262	60	0	11.8	170	33	29 14	57	29 1330		
	Inverness	Benbecula	69	51	35	26, 27, 29	11	17	141	463	127	2	0	16.8	140	36	29 09	58	26 2035		
1	Moray	Lossiemouth	79	59	45	-	0	7	26	208	322	186	2	8.4	240	30	27 07	46	27 0615		
	Aberdeen	Dyce	225	40	40	-	0	1	1	158	368	217	0	6.9	220	25	26 12	40	26 1055		
	Angus	Bell Rock Lighthouse	128	131	124	-	0	9	49	323	242	57	73	11.8	220	31	27 11	48	25 1420		
	Perth	Rannoch	1006	56	57	-	0	3	19	267	398	60	0	9.5	230	32	27 12	49	27 1110		
	File	Leuchars	78	40	40	-	0	4	23	310	334	77	0	10.2	220	31	27 11	51	27 1135		
	Midlothian	Edinburgh	485	39	23	-	0	16	159	461	96	28	0	16.4	140	33	25 05	51	29 2045		
6a	Argyll	Tiree	89	60	47	-	0	6	23	345	288	88	0	10.9	200	27	27 09	41	4 0205		
	Bute	Millport	50	34	34	-	0	0	0	80	507	157	0	6.4	260	20	4 06	46	4 0455		
	Renfrew	Paisley	188	81	31	-	0	2	5	268	395	76	0	9.1	210	25	27 10	45	27 0930		
		Renfrew	71	41	39	-	0	5	6	347	353	38	0	10.3	260	25	4 05	40	28 1305		
	Ayr	Prestwick Airport	35	33	33	-	0	4	16	220	338	170	0	8.3	240	25	27 08	49	4 0355		
	Dumfries	Eskdalemuir	825	50	35	-	0	14	89	404	220	31	0	13.5	280	31	8 15	46	3 1915		
ENGLAND AND WALES																					
6b	Isle of Man	Point of Ayre	70	40	35	-	0	2	6	214	296	217	11	7.4	260	24	8 19	49	8 1810		
2	Durham	Durham	389	53	33	-	0	1	2	270	388	84	0	9.1	250	22	8 24	41	8 2315		
		South Shields	73	57	44	-	0	5	16	348	342	38	0	11.0	260	28	8 14	52	8 1240		
	Lincoln	Cranwell	288	47	47	-	0	3	12	246	384	102	0	8.8	240	32	8 13	56	8 1220		
3	Norfolk	Gorleston	45	33	33	*	0	2	12	330	338	64	0	10.2	250	30	8 12	54	8 1115		
	Suffolk	Mildenhall	98	83	60	-	0	11	88	356	252	41	0	13.4	240	43	8 12	63	8 1315		
		Felixstowe	85	75	65	-	0	0	0	67	501	176	0	5.9	260	18	8 12	44	8 1340		
	Bedford	Cardington	226	133	133	8	7	11	0	191	386	163	0	7.2	250	22	8 16	32	21 1815		
	Hertford	Rothamsted	461	41	33	-	0	1	4	206	461	59	13	8.3	230	28	8 13	50	8 1245		
		Stanstead Abbots	138	41	40	-	0	1	5	426	253	6	15	12.7	230	36	8 10	59	8 1130		
	Essex	Coryton	66	57	48	-	0	0	0	127	453	164	0	6.8	270	17	21 11	41	21 1015		
		Shoeburyness	118	106	91	8	3	7	41	225	477	42	0	8.6	240	21	8 14	44	8 1400		
4	Yorks., W.R.	Sheffield	533	83	35	-	0	0	0	195	420	129	0	7.7	320	19	16 19	45	8 1430		
	Warwick	Birmingham	643	118	73	-	0	0	0	154	506	83	0	7.6	220	22	8 12	49	8 1110		
	Stafford	Keele	706	50	40	-	0	1	6	220	392	126	0	8.2	240	27	8 12	45	8 1035		
	Gloucester	Avonmouth	92	61	33	*	0	1	7	217	435	85	0	8.5	250	29	8 11	56	8 1030		
5	London	Kingsway	208	143	41	-	0	1	4	201	432	107	0	8.0	220	24	8 12	49	8 1100		
	Middlesex	London Airport	115	33	33	-	0	2	13	211	353	167	0	7.8	250	30	8 10	51	8 0910		
		Hampton	139	101	100	-	0	1	6	143	277	318	0	5.7	230	30	8 11	51	8 1020		
	Surrey	Kew Observatory	92	75	50	-	0	1	36	341	273	93	0	10.6	230	35	8 11	59	8 0950		
		Gatwick	232	38	33	-	0	1	1	142	321	280	0	6.1	250	23	8 09	46	8 0815		
	Kent	Isle of Grain	48	40	33	-	0	1	6	341	273	93	0	10.6	230	35	8 11	59	8 0950		
		Dungeness	70	50	33	-	0	1	1	142	321	280	0	6.1	250	23	8 09	46	8 0815		
		Dover	68	38	62	8	1	4	36	341	273	93	0	10.6	230	35	8 11	59	8 0950		
	Sussex	Thorney Island	75	65	42	-	0	1	1	142	321	280	0	6.1	250	23	8 09	46	8 0815		
	Hampshire	Southampton (Eastleigh)	95	60	41	-	0	1	1	142	321	280	0	6.1	250	23	8 09	46	8 0815		
		Calshot	50	41	33	-	0	2	6	139	354	245	0	6.4	250	29	8 11	49	8 1000		
		S. Farnborough	318	69	35	-	0	2	9	240	245	250	0	7.5	250	27	8 11	49	8 0945		
	Berkshire	Abingdon	295	40	40	-	0	1	5	178	410	151	0	7.6	260	29	8 09	51	8 0845		
	Wiltshire	Larkhill	491	51	36	-	0	2	7	204	346	187	0	7.7	270	29	8 09	48	8 0845		
		Porton	406	44	44	-	0	9	35	432	261	16	0	12.6	280	28	8 15	40	8 1415		
7a	Cumberland	Sellafield	83	39	35	-	0	3	10	307	334	93	0	9.9	240	25	27 14	44	21 1540		
		Spadeadam	959	51	40	-	0	16	103	314	167	157	0	12.3	260	34	4 05	51	4 0420		
	Westmorland	Moor House	1960	50	45	4	5	12	118	332	233	56	0	13.8	280	36	8 13	50	4 0030		
	Lancashire	Southport	59	41	33	4, 8, 18, 21	2	14	71	454	205	12	0	13.9	240	35	3 22	51	3 2120		
		Speke	180	100	65	3	0	10	67	237	343	60	37	-	270	30	8 12	56	18 2120		
	Cheshire	Bidston Observatory	262	64	39	-	0	2	4	304	383	53	0	9.6	180	23	8 11	50	8 1045		
		Manchester Airport	318	70	30	-	0	12	58	347	224	115	0	11.7	230	33	3 18	46	3 1935		
7b	Anglesey	Holyhead (Valley)	76	50	40	-	0	1	17	138	434	139	32	0	15.2	300	35	8 08	52	3 2045	
8a	Cardigan	Aberporth	483	41	41	8	0	6	19	331	282	108	4	10.1	350	27	8 06	47	8 0520		
	Pembroke	Milford Haven	246	50	35	-	0	9	70	438	148	88	0	13.1	290	33	8 08	46	8 0745		
	Glamorgan	Port Talbot	91	40	35	-	0	3	14	320	364	46	0	10.6	290	29	8 08	43	8 0740		
		Rhoose	257	37	32	-	0	2	5	292	326	121	0	9.1	-	29	7 23	46	8 0410		
8b	Devon	Plymouth	191	88	65	-	2	8	40	441	232	29	0	12.6	350	35	8 01	53	8 0100		
	Cornwall	St. Mary's, Scilly	230	65	57	8	3	11	57	426	178	50	30	12.9	300	41	8 04	63	8 0235		
		The Lizard	315	75	60	8															
NORTHERN IRELAND																					
	Londonderry	Ballykelly	52	50	35	-	0	4	18	278	344	104	0	9.6	250	25	21 13	44	29 0835		
	Antrim	Aldergrove	281	65	55	-	0	7	31	313	341	59	0	10.7	250	27	18 17	55	26 1620		
		Nutts Corner	344	31	31	-	-	-	-	-	-	-	-	150	27	29 07	40	29 1050			
CHANNEL ISLES																					
		Jersey Airport	359	86	50	8	3	13	98	428	206	9	0	14.1	260	41	8 05	61	8 0435		

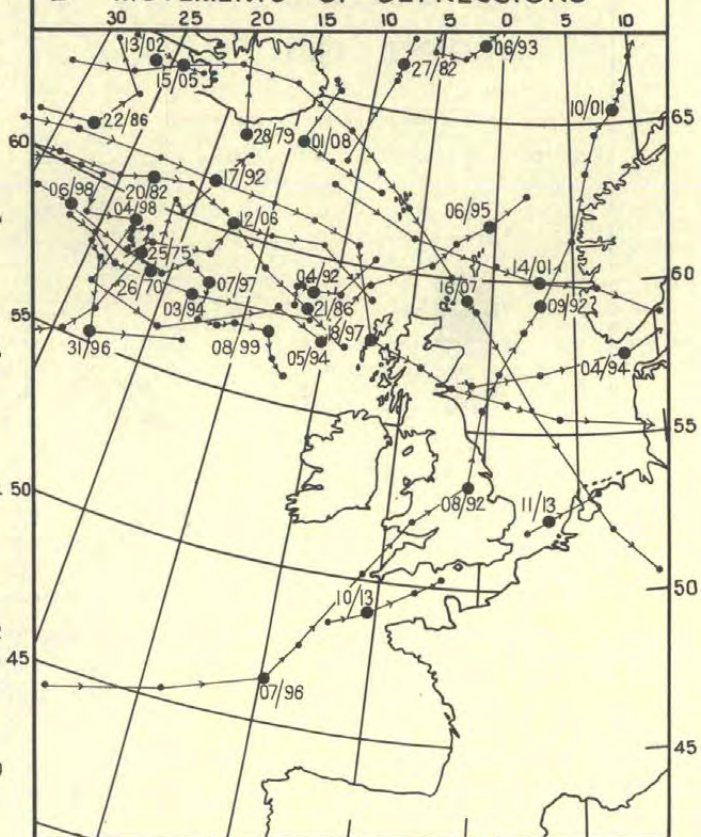
MONTHLY WEATHER CHARTS

AUGUST 1961

1. MEAN PRESSURE 9 A.M.

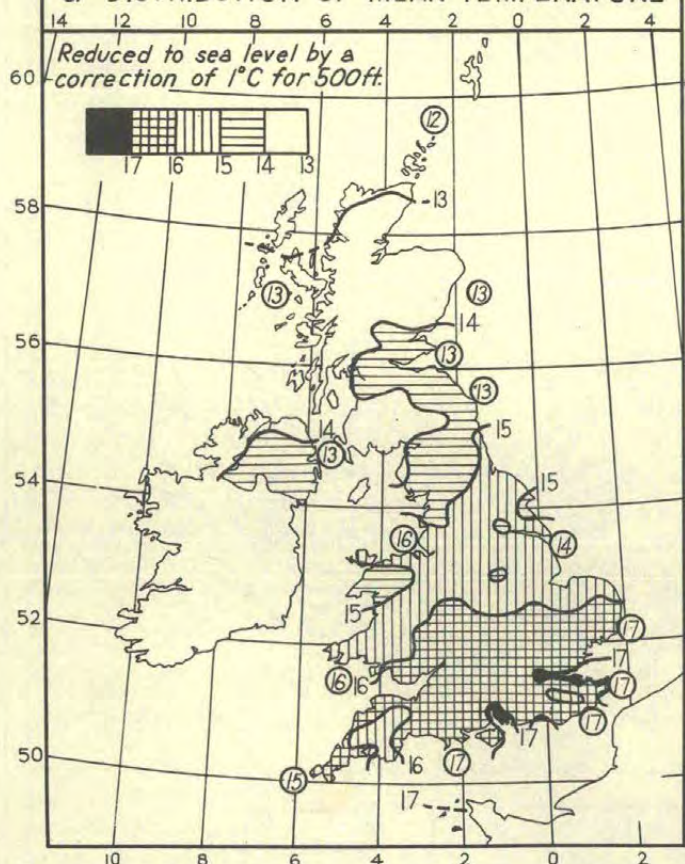


2. MOVEMENTS OF DEPRESSIONS



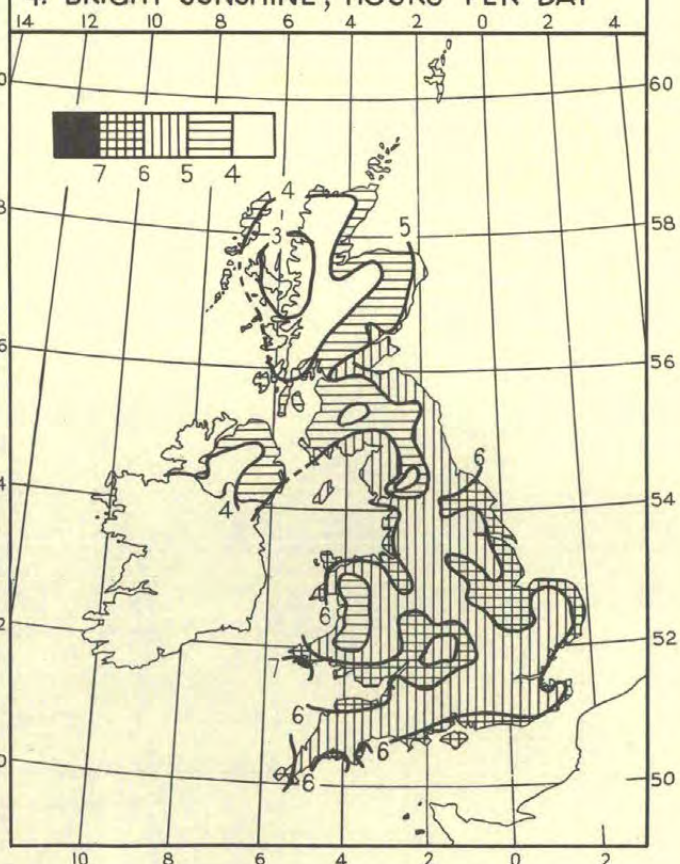
Positions of centres shown thus: ● at 12h.
First two figures show date, last two central pressure (mb)

3. DISTRIBUTION OF MEAN TEMPERATURE



Sea temperatures are shown by figures in circles, thus: ⑩

4. BRIGHT SUNSHINE, HOURS PER DAY



RAINFALL

AUGUST 1961

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

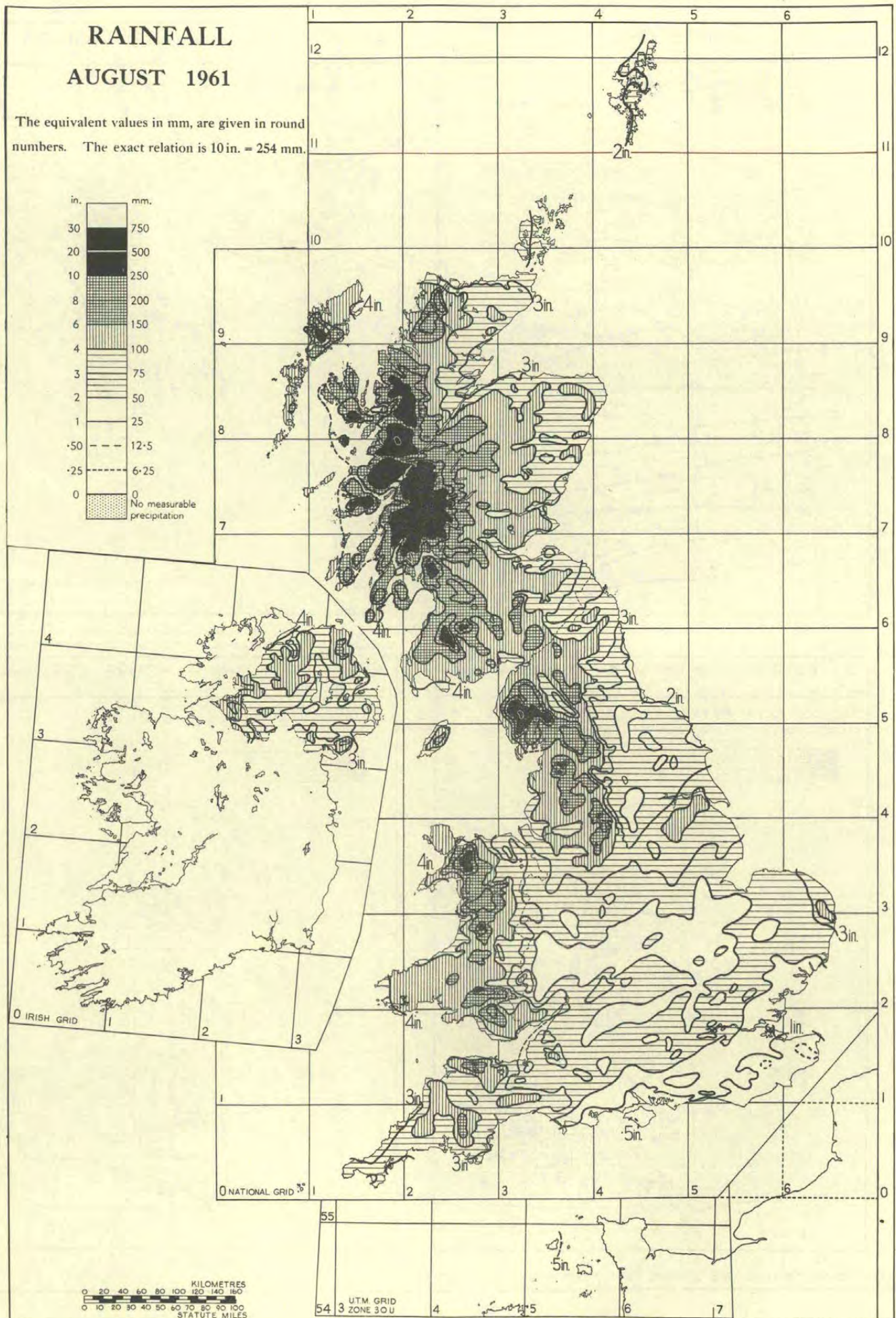
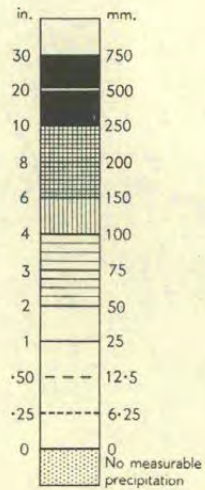


TABLE III — SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER AUGUST 1961

DISTRICT, COUNTY AND PLACE	Max. Min.	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. °C. or less	Gale	Daily Mean	Per-centage of Average																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
			A Max.	B Min.			Maximum	Date	Minimum	Date	-0.1in. (0.2mm.) or more	-0.01in. (1.0mm.) or more																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
																°C.	°C.												°C.	°C.	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	%

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER AUGUST 1961

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										Daily Mean	Per-centage of Average			
			A	B			Maximum	Date	Minimum	Date	1 ft.	4 ft.	Amount	Date	0-in. (0-2mm.) or more	0-4 in. (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. O.C. or less	Gale						
			Max. Min.	ft.			°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.												hr	%	
1 SCOTLAND, E.—cont.																															
Midlothian cont.	Penicuik ...	99	620	17.3	8.7	13.0	-	26.1	29	3.9	25	14.2	-	4.30	-	2.00	8	19	15	0	0	0	0	0	0	0	0	0	5.27	-8	
	Bush House ...	99	605	16.8	9.2	13.0	-	25.6	29	4.4	25	13.7	12.7	4.10	-	2.00	8	20	13	0	0	0	0	0	0	0	0	0	-	-	
Edinburgh—	Blackford Hill¶§	99	441	17.9	10.6	14.3	+0.1	27.2	29	8.3	3,7,25	-	-	3.67	117	2.10	8	16	9	0	0	0	0	0	0	0	0	0	5.57	121	
	Liberton ...	99	200	18.0	10.6	14.3	-	28.3	29	5.0	25	-	-	3.61	-	2.10	8	12	10	0	0	0	0	0	0	0	0	0	5.40	-	
E. Lothian	Botanic Garden ...	99	74	18.1	10.1	14.1	-	27.8	29	5.6	3,5,25	14.0	-	3.85	-	1.91	8	15	13	0	0	0	0	0	0	0	0	0	5.30	-	
	Haddington ...	99	162	18.4	9.7	14.1	-	27.2	29	4.4	25	-	-	2.98	-	1.61	8	19	11	0	0	0	0	0	0	0	0	0	5.22	-	
North Berwick ...	North Berwick ...	99	51	18.5	10.4	14.5	+0.2	27.2	29	7.2	7,24	-	-	3.54	116	2.01	8	16	9	0	0	0	0	0	0	0	0	0	5.05	107	
	Dunbar ...	99	75	17.9	11.0	14.5	-	26.7	29	7.8	25,31	-	-	3.74	-	2.35	8	16	12	0	0	0	0	0	0	0	0	0	5.92	-	
Berwick	Marchmont ¶§	99	498	17.5	8.9	13.2	-0.7	25.6	29	5.0	7.25	-	-	3.62	110	1.02	8	20	11	0	0	0	0	0	0	0	0	0	5.54	1228	
	St. Abb's Head ...	99	245	16.0	11.3	13.7	-	21.8	29	8.5	25	-	-	2.50	-	1.13	8	16	12	0	0	0	0	0	0	0	0	0	-	-	
Peebles	Broughton ...	99	741	16.6	8.6	12.6	-	27.2	29	1.1	25	-	-	4.79	-	1.72	8	19	14	0	0	0	0	0	0	0	0	0	-	-	
	Blyth Bridge ...	99	830	16.3	8.6	12.5	-	26.1	29	3.9	25	-	-	4.46	-	1.61	8	23	15	0	0	0	0	0	0	0	0	0	4.55	-	
West Linton ...	West Linton ...	99	800	16.5	8.3	12.4	-	26.1	29	2.2	25	12.9	12.6	4.42	-	1.40	8	22	17	0	0	0	0	0	0	0	0	0	-	-	
	Peebles ...	99	645	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Peebles (Glenress)	Peebles (Glenress)	99	580	17.4	8.6	13.0	-	26.7	29	2.2	25,31	-	-	3.89	-	1.60	8	20	13	0	0	0	0	0	0	0	0	0	-	-	
	Selkirk (Bowhill)	99	600	17.6	8.4	13.0	-	26.7	29	2.8	25	-	-	3.97	-	1.73	8	17	11	0	0	0	0	0	0	0	0	0	-	-	
Selkirk	Selkirk (Bowhill)	99	600	17.6	8.4	13.0	-	26.7	29	2.8	25	-	-	3.97	-	1.73	8	17	11	0	0	0	0	0	0	0	0	0	-	-	
	Hawick (Wauchope)	99	560	18.5	8.3	13.4	-	27.8	29	2.8	12	-	-	2.39	-	1.17	8	20	11	0	0	0	0	0	0	0	0	0	-	-	
Roxburgh	Hawick (Wauchope)	99	560	18.5	8.3	13.4	-	27.8	29	2.8	12	-	-	2.39	-	1.17	8	20	11	0	0	0	0	0	0	0	0	0	-	-	
	Sourhope ...	99	900	17.3	8.7	13.0	-	24.4	29,30	3.9	12	-	-	3.10	-	1.25	8	18	13	0	0	0	0	0	0	0	0	0	4.76	-	
6a SCOTLAND, W.																															
Argyll	Tiree ... ¶§	21-9	29	15.3	11.0	13.1	-0.6	17.7	29	7.2	12	-	-	5.45	151	.86	26	25	21	0	0	0	0	0	0	0	0	0	4.52	88	
	Rhuvaal ...	21-9	65	15.3	11.2	13.3	-	19.8	29	7.4	12	-	-	7.04	-	1.28	3	25	21	0	0	0	0	0	0	0	0	0	1	-	-
Colonsay ...	Colonsay ...	99	87	15.9	10.3	13.1	-	20.0	29	5.6	12	-	-	5.93	136	1.04	3	27	23	0	0	0	0	0	0	0	0	0	4	-	-
	Campbeltown ...	99	10	16.3	10.3	13.3	-	20.0	29	6.7	14	-	-	3.55	-	.82	8	20	14	0	0	0	0	0	0	0	0	0	4.81	-	
Tarbert (Achaglachgach)	Tarbert (Achaglachgach)	99	40	16.8	9.3	13.1	-	22.8	29	2.8	12	-	-	7.89	-	1.56	3	27	22	0	0	0	0	0	0	0	0	0	-	-	
	Oban ...	99	229	15.5	10.5	13.0	-	23.9	29	8.9	3,12,25	-	-	8.99	193	1.44	8	28	23	0	0	0	0	0	0	0	0	0	3.45	82	
Lepinmore ...	Lepinmore ...	99	30	16.7	10.3	13.5	-	23.9	29	5.6	12	-	-	8.63	-	1.55	8	24	23	0	0	0	0	0	0	0	0	0	3.85	-	
	Glenbranter ...	99	120	16.3	9.0	12.7	-1.2	23.3	29	3.3	12	-	-	13.00	182	2.49	8	27	23	0	0	0	0	0	0	0	0	0	-	-	
Benmore (Forestry Sch.)	Benmore (Forestry Sch.)	99	46	17.0	9.6	13.3	-	23.9	29	4.4	7,8	13.8	13.2	10.59	148	2.09	8	25	23	0	0	0	0	0	0	0	0	0	-	-	
	Benmore (Younger Bot. Gdn.)	99	40	-	-	-	-	-	-	-	-	-	-	10.69	-	2.22	8	24	23	0	0	0	0	0	0	0	0	0	-	-	
Bute	Lochranza ...	99	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Rothsay ¶§	99	150	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Millport ...	Millport ...	99	16	16.8	11.2	14.0	-	22.2	29	7.8	24	-	-	7.02	188	2.45	8	22	14	0	0	0	0	0	0	0	0	0	3	-	-
	Helensburgh ...	99	293	17.2	9.9	13.5	-0.8	22.2	29	6.1	12	-	-	7.56	153	2.08	8	26	22	0	0	0	0	0	0	0	0	0	-	-	-
Dunbarton	Stirling ...	99	151	17.7	10.8	14.3	-0.5	26.1	29	7.2	24,25	15.2	13.4	3.65	105	1.21	8	16	14	0	0	0	0	0	0	0	0	0	-	-	-
	Falkirk ...	99	100	18.3	10.3	14.3	-	27.8	29	6.7	12,25	-	-	5.19	-	1.40	8	20	16	0	0	0	0	0	0	0	0	0	-	-	-
Renfrew	Greenock ...	99	200	16.9	10.8	13.9	-0.7	23.9	29	8.3	12,25	-	-	8.72	188	2.85	8	24	20	0	0	0	0	0	0	0	0	0	0	4.84	-
	Paisley ...	99	106	18.4	11.2	14.8	-0.3	25.0	29	8.3	7	14.3	12.7	5.76	161	2.46	8	20	15	0	0	0	0	0	0	0	0	0	5.17	116	
Barrhead ...	Barrhead ...	99	97	17.4	10.3	13.9	-	25.6	29	6.7	7,25	-	-	5.57	-	2.22	8	20	15	0	0	0	0	0	0	0	0	0	-	-	-
	Renfrew ... ¶§	21-9	26	17.7	10.5	14.1	-0.3	25.4	29	6.6	7,24	-	-	4.93	148	2.03	8	21	12	0	0	0	0	0	0	0	0	0	5.02	116	
Lanark	Thorntonhall ...	99	483	16.7	9.5	13.1	-	23.9	29	6.1	7,25	-	-	5.07	-	1.79	8	21	19	0	0	0	0	0	0	0	0	0	-	-	-
	Glasgow, Spr. Pk. ...	99	351	17.4	9.9	13.7	-	24.4	29	7.2	7,24,25	-	-	5.74	155	1.97	8	20	17	0	0	0	0	0	0	0	0	0	4.42	-	
Coatbridge ...	Coatbridge ...	99	256	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Coalburn (Midtown) ...	99	707	16.6	8.4	12.5	-	25.2	29	3.8	25	13.6	-	6.03	-	2.09	8	21	17	0	0	0	0	0	0	0	0	0	4.56	-	
Lowther Hill ...	Lowther Hill ...	-	2377	11.7	6.2	8.9	-	20.0	29	4.5	24	-	-	-	-	-	-	-	-	-	-	-	0	21	0	0	0	6	3.05	-	
	Leadhills ...	99	1270	15.6	8.1	11.9	-	25.6	29	3.3	1,25	-	-	7.27	-	2.11	3	24	17	0	0	0	0	0	0	0	0	0	-	-	-
Ayr	Carnwath ...	99	708	16.5	8.2	12.3	-	25.0	29	3.3	1,7,25	-	-	4.71	-	1.64	8	25	18	0	0	0	0	0	0	0	0	2	-	-	-
	Colmonell ...	99	170	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Turnberry ...	Turnberry ...	99	25	17.4	11.0	14.2	-0.2	23.9	29	7.2	25	-	-	5.05	-	1.39	8	23	14	0	0	0	0								

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER AUGUST 1961

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 Mean of A and B	Maximum	Date	Minimum	Date	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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
				Max. Min.	ft.		°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.	Amount	Date	inches (0.2mm or more)	inches (1.4mm or more)	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or 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less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less	inches or less

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER AUGUST 1961

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	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
				A Max.	B Min.			Maximum	Date	Minimum	Date	Amount	Date			0.01 in. (0.2mm.) or more	0.04 in. (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	Wisley ...	9 9	150	21.2	11.8	16.5	-0.3	30.0	29	7.2	3,16	16.8	15.6	2.38	110	.68	1	16	11	0	0	0	0	0	0	0	0	5.04	87
	Mickleham ...	9 9	179	20.8	10.9	15.9	-	30.0	29	5.0	3	-	-	1.63	69	.34	10	12	8	0	0	0	0	0	0	0	-	-	
	Kew Observatory §	21-9	18	20.7	13.5	17.1	-0.2	30.3	29	9.8	3	16.8	15.7	2.30	103	.50	24	15	10	0	0	0	0	4	0	0	0	5.38	89
Kent	Gatwick ...	21-9	192	21.3	10.9	16.1	-	29.8	29	4.5	3	-	-	1.50	-	.41	10	11	9	0	0	0	0	0	0	0	0	5.82	-
	Croydon (Waddon)	9 9	220	20.9	12.3	16.6	-0.3	30.6	29	7.8	3	-	-	1.78	75	.56	1	9	8	-	-	-	-	-	-	-	-	-	
	Addington ...	9 9	474	20.4	12.1	16.3	-0.1	29.4	29	8.9	3,16	-	-	2.06	81	.53	10	15	9	-	-	-	-	-	-	-	-	-	
	Bromley ...	9 9	213	21.0	12.5	16.7	-0.4	30.0	29	8.3	3,16	-	-	1.97	91	.46	10	13	9	-	-	-	-	-	-	-	-	-	
	Swanley ...	9 9	177	21.2	11.4	16.3	-	30.0	29	5.6	7,31	16.3	-	1.65	-	.45	1	12	7	0	0	0	0	1	0	0	0	5.31	-
	Dartford ...	9 9	17	12.3	-	-	-	31.1	29	7.2	3	-	-	1.60	81	.44	1	13	8	0	0	0	0	1	0	0	0	-	-
	Tunbridge Wells	9 9	351	20.6	10.9	15.7	-0.7	30.0	29	5.6	3	16.7	16.3	.99	41	.20	7,13	12	7	0	0	0	0	0	0	0	0	5.85	90
	Goudhurst ...	9 9	280	20.6	11.1	15.9	-	29.4	29	4.4	3	-	-	1.20	43	.21	13	14	12	0	0	0	0	0	0	0	1	-	-
	East Malling §	9 9	122	21.4	11.4	16.4	+0.2	30.6	29	5.6	3	-	15.9	1.04	44	.27	24	15	10	0	0	0	0	0	0	0	1	5.82	94
	Benenden ...	9 9	185	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Gillingham ...	9 9	10	22.1	12.9	17.5	-	31.1	29	10.0	16	-	-	1.21	-	.39	24	13	7	0	0	0	0	0	0	0	0	5.07	-
	Sittingbourne ...	9 9	224	21.3	11.9	16.6	-	30.6	29	7.8	3,31	16.6	15.3	.92	-	.14	5,7	12	9	0	0	0	0	0	0	0	0	6.20	-
	Isle of Grain ...	9 9	9	21.2	13.4	17.3	-	30.0	29	10.6	7,16	-	-	2.18	-	1.31	24	14	7	-	-	-	-	-	-	-	0	5.68	-
	Thornley ...	9 9	493	20.1	11.4	15.7	-	29.4	29	7.2	3	16.4	14.9	1.25	-	.33	11	13	7	0	0	0	0	0	0	0	1	5.85	-
	Faversham ...	9 9	157	21.3	12.1	16.7	-	31.1	29	7.8	3	16.9	16.1	.62	-	.11	10	11	7	0	0	0	0	0	0	0	0	1	6.03
Dungeness ...	21-9	10	19.9	13.1	16.5	-	25.6	29	8.2	3	-	-	.51	25	.23	13	9	6	0	0	0	0	0	0	0	0	1	-	-
Wye ...	9 9	185	21.0	11.8	16.4	-0.1	30.0	29,30	7.8	3	-	-	.73	29	.19	13	10	8	0	0	0	0	0	0	0	0	0	5.80	90
Whitstable ...	9 9	9	21.2	13.1	17.1	-	31.1	29	9.4	14,16	-	-	.68	35	.15	24	13	8	0	0	0	0	0	0	0	0	0	6.07	-
Folkestone ...	9 9	128	20.6	13.6	17.1	-	28.3	29	11.1	3,16	-	16.7	.59	29	.24	5	7	4	0	0	0	0	0	1	0	0	0	6.56	-
Wingham (Elmstone)	9 9	28	21.4	11.5	16.4	-	29.4	29	6.7	3,10	-	-	.49	-	.09	10,24	11	6	-	-	-	-	-	-	-	-	-	-	
Herne Bay ...	9 9	21	21.5	13.8	17.6	-	30.6	29	10.0	3	-	-	.75	37	.19	24	11	8	0	0	0	0	2	0	0	0	1	5.88	-
Dover ...	9 9	19	20.2	13.9	17.0	+0.2	26.7	29	10.6	3	18.0	17.4	.80	36	.37	5	11	6	0	0	0	0	0	0	0	0	1	6.01	-8
Dover R.M.S. ...	9 9	402	-	-	-	-	-	-	-	-	-	-	.83	31	.23	5	9	9	-	-	-	-	-	-	-	-	-	-	-
Deal ...	21-9	18	20.2	13.8	17.0	-	24.6	28	9.3	3	-	-	.36	-	.13	5	9	3	0	0	0	0	0	0	0	0	0	-	-
Ramsgate ...	9 9	80	20.2	14.0	17.1	-	23.3	30	11.1	7,16	-	-	.70	33	.20	14	11	6	0	0	0	0	1	0	0	0	-	6.79	102
Manston ...	21-9	145	20.7	12.6	16.6	-	27.8	29	9.5	10	-	-	.69	-	.18	14	10	8	0	0	0	0	1	0	0	0	0	-	-
Margate ...	9 9	51	20.1	14.4	17.2	-0.3	26.1	29	12.2	9,10	17.2	16.4	1.18	62	.35	24	12	8	0	0	0	0	0	0	0	0	0	6.50	93
Thornor Island	21-9	10	21.4	12.6	17.0	-	28.4	29	6.3	7	-	-	.62	29	.56	19	15	6	0	0	0	0	0	0	0	0	0	6.56	-
Bognor Regis ...	9 9	24	19.7	13.3	16.5	-0.2	25.6	30	8.9	7	-	16.7	.67	29	.20	12	9	5	0	0	0	0	0	0	0	0	0	6.99	103
Littlehampton ...	9 9	15	20.3	13.1	16.7	0.0	27.2	30	8.3	3,7	-	16.8	1.02	45	.29	12	7	6	0	0	0	0	0	0	0	0	0	6.70	98
Rustington ...	9 9	10	20.3	11.8	16.1	-	26.7	29,30	5.6	7	-	15.3	1.00	-	.22	10	10	6	-	-	-	-	-	-	-	-	-	6.07	-
Worthing ...	9 9	25	20.4	13.7	17.1	+0.1	25.6	30	9.4	7	17.0	16.0	.97	43	.35	10	12	4	0	0	0	0	0	0	0	0	1	6.53	93
Brighton ...	9 9	32	20.2	14.1	17.1	-	28.3	29	10.0	7	-	16.5	.82	36	.20	4	9	7	0	0	0	0	0	0	0	0	1	6.05	-
East Grinstead ...	9 9	440	21.3	11.1	16.2	-	28.9	29	5.6	3	-	15.4	1.03	-	.19	7	9	9	0	0	0	0	1	0	0	0	0	-	-
Seaford ...	9 9	45	20.1	13.2	16.7	-	28.3	29	8.3	7	-	-	-	-	-	-	-	-	-	-	-	-	1	0	0	0	-	6.17	-
Eastbourne ...	9 9	35	19.7	14.0	16.9	0.0	25.6	30	11.1	7	17.8	16.8	.67	27	.34	4	10	6	0	0	0	0	0	0	0	0	1	6.84	95
Eastbourne (C/guard)	21-9	17	19.9	13.7	16.8	-	26.5	30	9.6	10	-	-	.48	-	.22	4	8	4	0	0	0	0	0	0	0	0	2	-	-
Bexhill ...	9 9	14	19.8	13.3	16.5	-0.3	26.1	30	8.9	16	17.6	-	.53	23	.25	4	8	6	0	0	0	0	0	0	0	0	1	5.73	-
Sedlescombe ...	9 9	175	20.8	11.4	16.1	-	30.0	29	7.2	3	-	-	.80	-	.24	4	14	7	0	0	0	0	0	0	0	0	1	-	-
Bodiam ...	9 9	73	21.7	11.2	16.5	-	30.0	29	5.0	3,10	16.8	15.4	.63	-	.16	4	10	7	-	-	-	-	-	-	-	0	5.86	-	
Hastings ... §	9 9	149	19.9	13.6	16.7	0.0	27.8	30	10.0	16	17.8	16.7	.62	28	.25	4	7	6	0	0	0	0	0	0	0	0	1	6.25	89
Berkshire	Letcombe Regis	9 9	350	20.4	10.2	15.3	-	31.1	29	5.6	31	-	-	1.89	-	.47	4	14	9	0	0	0	0	0	0	0	0	-	-
	Abingdon ...	21-9	210	21.4	11.3	16.3	-	31.8	29	6.5	7	-	-	1.67	80	.39	4	14	8	0	0	0	0	1	0	0	0	6.05	-
	Compton ...	9 9	339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER AUGUST 1961

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 of Air and Soil	Difference from Average																				Maximum	Date	Minimum	Date	1 ft.	4 ft.	in.	%	in.	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. (°C. or less)	Gale	Daily Mean	Per-centage of Average	
G.M.T.		ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.	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. (°C. or less)	Gale	hr	%																											
7a ENGLAND, N.W.																																																						
Cumberland	Sellafield ...	9 9	43	17.5	9.7	13.6	-	25.6	29	5.0	4	-	-	4.87	115	1.10	3	20	14	0	0	0	0	0	1	5.31	-																											
	Carlisle ...	21-9	86	18.1	10.0	14.1	-	27.7	29	3.9	12	-	-	4.16	-	1.00	3	17	14	0	0	0	0	0	0	0	5.27	-																										
	Newton Rigg	9 9	560	17.2	9.1	13.1	-1.1	25.6	29	2.8	12	13.8	-	3.16	95	.92	3	18	13	0	0	0	0	0	1	5.01	106																											
Westmorland	Spadeadam ...	9 9	900	16.1	8.3	12.2	-	25.6	29	3.3	3,12,24	12.7	12.0	6.56	-	1.44	3	23	18	0	0	1	3	0	0	0	4.67	-																										
	Ambleside ...	9 9	151	18.1	9.7	13.9	-	27.2	29	3.9	7	-	-	8.83	145	2.25	3	20	14	0	0	0	0	0	-	0	4.06	-																										
	Great Dun Fell ...	-	2780	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.11	-																										
Lancashire	Moor House ...	9 9	1840	14.0	6.8	10.4	-	23.9	29	-0.6	12	11.1	-	8.75	-	2.17	3	23	17	0	0	0	0	1	1	4	3	4.75	-																									
	Barrow-in-Furness	9 9	55	17.7	11.4	14.5	-	25.0	29	6.7	27	14.3	-	4.67	-	1.43	3	15	13	-	0	-	-	-	-	-	-	-																										
	Squires Gate ...	21-9	33	18.1	12.0	15.1	-	28.1	29	4.1	31	-	-	4.28	123	1.03	3	16	14	0	0	0	0	0	0	0	3	6.15	-																									
Cheshire	Urswick ...	9 9	130	18.8	10.3	14.5	-	26.1	29	5.0	7	-	-	6.25	-	1.82	3	23	16	0	0	0	0	0	0	-	-	-																										
	Poulton-le-Fylde	9 9	38	18.7	11.6	15.1	-	27.2	29	6.1	31	-	-	3.49	-	.79	25	17	13	0	0	0	0	0	-	-	-																											
	Grizedale ...	9 9	300	17.8	8.1	12.9	-	25.6	28,29	-1.1	5	-	-	9.88	-	3.07	3	21	18	0	0	0	1	0	0	1	2	0	-																									
Derbyshire	Speke ...	21-9	80	18.7	12.6	15.7	-	28.2	29	8.3	31	-	-	4.39	141	.69	3	20	14	0	0	0	2	0	0	1	5.75	-																										
	Kirkham ...	9 9	77	18.2	10.9	14.5	-	28.3	29	5.6	7,31	-	-	4.66	120	1.16	3	19	14	0	0	0	0	0	0	0	6.11	-																										
	Garstang ...	9 9	88	18.0	10.9	14.5	-	27.8	29	5.0	31	-	-	4.70	-	1.41	3	16	14	-	0	-	-	0	0	-	-	6.04	-																									
Nottinghamshire	Morecambe ...	9 9	24	18.3	11.9	15.1	-0.7	27.8	29	8.3	6,30	-	-	5.51	141	1.66	3	19	15	0	0	0	0	0	-	0	5.26	95																										
	Preston (Moor Pk.)	9 9	108	18.6	11.4	15.0	-	28.9	29	6.1	7	-	-	4.78	115	1.16	3	20	17	0	0	0	0	0	0	0	-	-																										
	Bolton ...	9 9	352	18.4	10.0	14.2	-0.9	28.3	29	6.1	3,31	13.9	-	6.55	-	1.56	3	24	16	0	0	0	0	0	0	0	5.35	-																										
Greater Manchester	Darwen ...	9 9	724	-	-	-	-	-	-	-	-	14.6	13.4	7.03	129	1.48	3	22	16	0	0	0	0	0	-	-	-	-																										
	Stonyhurst	9 9	377	18.0	10.3	14.1	-0.8	27.8	29	6.1	7,12,31	-	-	7.25	147	1.70	3,20	19	14	-	0	-	-	-	0	0	-	5.31	108																									
	Manchester	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																										
West Yorkshire	Weather Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.28	-																										
	Helmshore ...	9 9	854	16.6	10.2	13.4	-	26.1	29	6.1	7	13.6	-	7.83	-	1.68	3	23	19	-	0	-	-	-	1	0	0	-	5.23	-																								
	Manchester	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																										
East Yorkshire	(Smokeless Zone)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.02	-																										
	Burnley ...	9 9	655	17.3	9.9	13.6	-	27.2	29	4.4	12	13.7	12.4	5.72	-	1.27	3	18	16	0	0	0	0	1	0	0	0	5.01	-																									
	Nelson ...	9 9	540	17.7	10.6	14.1	-	27.8	29	5.0	7,12	14.7	13.1	6.02	138	1.90	3	19	14	-	0	-	-	-	0	0	-	-	4.89	-8																								
Lancashire	Rochdale ...	9 9	362	18.2	10.3	14.3	-	27.8	29	6.1	7,31	-	-	5.90	-	1.71	3	21	15	0	0	0	0	2	0	0	0	4.70	-																									
	West Kirby Park	9 9	17	18.7	12.4	15.5	-	27.8	29	7.8	7	-	-	2.80	-	.57	23	14	11	-	0	-	-	-	0	0	-	-	6.36	-																								
	Bidston Obs'y.	9 9	198	17.8	12.3	15.1	-0.4	27.8	29	10.0	7	-	-	3.45	110	.62	3	19	15	-	-	-	-	0	0	-	-	6.14	112																									
Greater Manchester	Northwich(Winnington)	9 9	65	19.3	12.3	15.8	-	30.0	29	8.3	7,31	-	-	4.14	134	.58	6	21	15	0	0	1	2	0	0	0	1	-	-																									
	Manchester Airport	21-9	248	18.7	11.5	15.1	-0.7	29.5	29	7.7	31	-	-	4.21	132	.89	21	19	13	0	0	0	2	0	0	0	0	5.54	122																									
	Macclesfield	9 9	500	18.3	11.2	14.7	-0.6	28.9	29	8.3	7,31	-	-	4.92	139	.89	3	20	18	0	0	0	0	2	0	0	-	-	-																									
7b NORTH WALES																																																						
Flint	Rhyl ...	9 9	31	18.7	12.1	15.4	-0.4	28.3	29	6.7	7	-	-	2.87	116	.77	7	17	13	0	0	0	0	0	0	1	6.37	117																										
	Prestatyn ...	9 9	12	18.6	12.2	15.4	-	28.9	29	5.0	31	-	-	2.70	99	.75	7	12	11	0	0	0	0	0	0	-	-	-																										
	Hawarden Bridge	9 9	17	19.8	12.3	16.1	+0.2	29.4	29	4.4	31	-	-	2.34	88	.54	7	16	15	0	0	0	1	0	0	-	-	-																										
Anglesey	Holyhead (Valley)	21-9	26	17.7	12.0	14.9	-0.4	25.6	29	7.6	31	-	-	4.16	143	1.44	7	16	10	0	0	0	0	0	0	1	6.36	126																										
	Colwyn Bay ...	9 9	118	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																										
	Alwen ...	9 9	1100	16.2	8.2	12.2	-	26.1	29	0.0	7	-	-	5.14	-	.90	7	19	16	-	-	-	-	-	1	2	-	-	-																									
Denbigh	Ruthin ...	9 9	248	18.8	10.7	14.7	-	28.9	29	5.0	7	-	-	1.70	-	.50	7	13	12	-	0	-	-	-	0	0	-	-	-																									
	Bwlchgwyn	9 9	1267	16.2	9.6	12.9	-	25.6	29	3.9	7	12.6	-	3.85	-	.95	7	19	17	0	0	0	0	1	1	0	1	0	-																									
	Ruabon ...	9 9	312	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																										
Caernarvon	Wrexham ...	9 9	275	19.2	11.2	15.2	-	29.4	29	6.1	7	15.4	14.8	2.42	-	.62	7	15	12	0	0	0	0	1	0	0	0	-	-																									
	Bardsey Island ...	21-9	60	16.8	11.9	14.3	-	23.5	29	9.9	12	-	-	3.29	-	2.05	7	13	9	-	-	-	-	-	0	0	-	-																										
	Botwnnog	9 9	112	17.9	11.4	14.7	-	24.4	29	8.3	7,12,31	16.2	15.1	4.04	-	2.30	7	16	8	0	0	0	0	0	0	0	6.43	-																										
Merioneth	Bryn Adda ...	9 9	275	17.0	10.4	13.7	-	27.8	29	7.8	12	-	-	6.33	-	2.02	7	16	12	0	0	0	0	0	0	0	1	5.01	-																									
	Cwm Dyli ...	9 9	324	17.8	10.8	14.3	-	27.2	29	4.4	7	14.4	-	15.11	-	3.55	25	22	18	-	0	-	-	-	1	0	1	-	-																									
	Aber ...	9 9	80	18.8	11.8	15.3	-0.3	28.9	29	7.8	1	-	-	6.16	170	2.07	7	18	13	0	0	0	0	0	0	0	1	5.35	108																									
Merioneth	Llandudno	9 9	13	18.2	12.7	15.5	-0.4	27.8	29	7.8	1	-	-	3.92	154	1.70	10	13	11	0	0	0	0	0	0	-	0	6.38	118																									
	Llyn Stwlun ...	9 9	1656	14.3	-	-	-	23.3	29	-	-	-	-	15.49	-	3.28	25	22	21	-	0	-	-	-	-	0	-	-																										
	Blaenau Ffestiniog	9 9	750	16.9	10.8	13.9	-	26.1	29	8.3	7,31	-	-	12.47	-	2.42	3	21	18	0	0	0	0	0	-	0	4.11	-8																										
Montgomery	Corwen ...	9 9	473	18.2	9.1</																																																	

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER AUGUST 1961

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. 0°C. or less	Gale	Daily Mean	Per-centage of Average			
				A Max.	B Min.		Maximum	Date	Minimum	Date		Amount	Date		0.01 in. (0.2mm.) or more	0.01 in. (1.4mm.) or more															
				Max. Min.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	1 ft.	4 ft.	in.	%	in.										hr	%		
8b ENGLAND, S.W.																															
Somerset		Hawkrig (Liscombe)	9 9	1030	17.2	10.0	13.6	-	25.6	29	6.1	28	-	-	5.65	-	1.66	10	20	17	-	0	-	-	-	0	0	0	-	-	
		Cannington ...	9 9	95	20.3	12.8	16.5	-	29.4	29	7.8	28	17.1	-	2.08	73	.65	10	14	10	0	0	0	0	0	0	0	0	6.24	-	
		Weston-s-Mare ...	9 9	28	20.3	13.3	16.8	-	29.4	29	10.6	3,7,31	-	-	2.30	66	.52	10	17	11	0	0	0	0	0	0	0	6.05	101		
		Long Ashton ...	9 9	162	20.1	11.9	16.0	-0.2	29.4	29	6.7	3	17.3	-	3.00	84	.69	10	16	12	0	0	0	0	1	0	0	5.61	94		
Dorset		Bath (City)																													
		Boys' School)	9 9	388	20.2	11.9	16.1	-	30.0	29	5.6	3	-	-	2.25	-	.43	7	14	11	0	0	0	0	0	0	0	-	-		
		Bath ...	9 9	67	20.8	12.3	16.5	-0.2	30.6	29	6.1	3	17.4	16.1	2.02	71	.44	7	16	11	0	0	0	0	0	0	0	5.67	98		
		Portland Bill ...	21-9	35	18.5	14.1	16.3	0.0	21.5	29	11.0	12	-	-	.66	35	.21	10	9	7	0	0	0	0	0	0	0	-	-		
Devon		Weymouth ...	9 9	16	20.4	13.6	17.0	0.0	26.1	30	9.4	7	-	-	1.39	64	.60	10	12	7	-	0	-	-	-	-	-	6.34	94		
		Shaftesbury ...	9 9	680	18.8	11.2	15.0	-0.6	26.1	29	7.8	10,11	-	-	2.51	90	.57	5,8	16	8	-	0	-	-	2	0	0	2	6.20	-	
		Swanage ...	9 9	37	20.0	13.1	16.5	-	25.0	30	8.3	7	-	16.6	.51	-	.24	10	8	4	0	0	0	0	1	0	0	2	6.15	-	
		Poole ...	9 9	18	21.4	11.8	16.6	-	27.8	30	6.1	3,7	-	-	.77	-	.27	7	9	4	0	0	0	0	0	0	0	6.05	-		
Cornwall		Hartland Pt.	21-9	298	17.3	13.5	15.4	-	25.4	29	11.3	10,11	-	-	3.38	-	1.09	10	15	13	0	0	0	0	2	0	0	3	5.79	-	
		Plymouth (Mt. Batten)	21-9	87	18.6	12.9	15.7	-0.4	25.1	29	7.7	3	-	-	3.48	121	1.82	10	14	8	0	0	0	0	1	0	0	0	6.05	98	
		Plymouth (The Hoe)	9 9	119	19.4	12.8	16.1	-0.3	25.0	29	8.3	3	16.9	16.2	3.38	117	1.72	10	13	8	0	0	0	0	1	0	0	1	6.06	97	
		Tavistock ...	9 9	457	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Somerset		Chivenor ...	21-9	20	19.6	13.0	16.3	-	28.6	29	8.8	12	-	-	3.41	-	1.28	10	18	11	0	0	0	0	0	0	0	6.28	-		
		Ilfracombe ...	9 9	25	18.8	13.9	16.3	-0.2	28.9	29	9.4	31	17.5	16.4	4.38	139	1.28	10	16	15	0	0	0	0	0	0	2	6.26	104		
		Princetown ...	9 9	1359	-	-	-	-	-	-	-	-	-	-	6.95	104	1.88	10	20	19	-	-	-	-	-	-	-	-	-	-	
		Totnes ...	9 9	120	20.3	11.3	15.8	-	26.7	29	4.4	3	16.8	14.9	3.28	94	1.40	10	13	9	0	0	0	0	0	1	0	2	1	5.76	-
Devon		Slapton ...	9 9	104	19.6	11.9	15.7	-	23.3	29,30	8.3	7,12	-	-	2.76	-	.78	10	13	8	0	0	0	0	0	1	0	0	-	-	
		Newton Abbot ...	9 9	272	20.1	12.1	16.1	-0.1	24.4	29	7.8	7	-	-	3.42	117	1.88	10	11	11	0	0	0	0	0	1	0	0	6.00	100	
		Paignton ...	9 9	8	20.3	12.9	16.6	-	22.8	1,29	8.3	12	-	-	2.84	97	1.29	10	12	8	0	0	0	0	0	0	0	0	5.50	84	
		Torquay ...	9 9	26	20.0	13.4	16.7	0.0	23.3	29	9.4	7	-	17.8	2.76	105	1.34	10	11	7	0	0	0	0	0	0	0	3	6.36	95	
Cornwall		Teignmouth ...	9 9	20	20.1	13.6	16.9	+0.1	22.8	30	9.4	3,7	-	-	3.02	123	1.86	10	13	9	0	0	0	0	0	0	1	5.73	87		
		Starcross ...	9 9	29	20.1	12.5	16.3	-	22.8	4,27,30	6.7	3	17.1	-	2.98	-	1.91	10	14	4	0	0	0	0	0	1	0	0	1	6.43	-
		Exeter (Southam)	9 9	160	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		Exmouth ...	9 9	195	19.4	12.7	16.1	0.0	22.8	24,30	9.4	7,12	-	-	3.43	129	2.34	10	14	7	0	0	0	0	1	1	0	0	5.48	88	
Somerset		Exeter ...	21-9	106	20.3	11.7	16.0	-	23.7	29	6.1	7	-	-	3.52	130	2.21	10	14	7	0	0	0	0	2	0	0	0	5.51	-	
		Sidmouth ...	9 9	25	19.8	12.9	16.3	+0.1	22.8	30	7.8	7	-	-	4.02	-	2.22	10	15	7	-	0	-	-	1	0	0	-	5.52	-	
		St. Mary's, Scilly	21-9	158	18.9	13.8	16.3	+0.1	21.2	17	11.7	7	-	-	3.88	154	2.02	7	17	10	0	0	0	0	0	0	0	0	5.59	86	
		Penzance ...	9 9	62	19.2	13.1	16.1	-0.4	22.2	29	8.3	7	-	-	3.13	106	1.22	7	16	12	0	0	0	0	1	0	0	1	6.32	99	
Devon		Gulval ...	9 9	50	19.2	13.3	16.3	+0.1	23.9	30	8.9	7	-	-	3.08	-	1.19	7	18	12	-	0	-	-	-	0	0	-	6.24	99	
		Culdrose ...	9 9	288	18.1	12.7	15.4	-	24.4	29	7.8	7	-	-	2.85	-	1.06	7	13	8	0	0	0	0	3	0	0	0	6.17	-	
		Camborne (Rosewarne)	9 9	250	18.4	13.1	15.7	-	26.1	29	10.0	31	16.4	15.7	2.56	-	.93	7	14	10	0	0	0	0	1	0	0	0	5.53	-	
		Lizard ...	9 9	240	18.1	12.8	15.5	-	21.2	29	10.1	12	-	-	3.56	150	1.30	10	14	8	-	0	0	0	0	0	0	2	5.87	-	
Somerset		Falmouth ...	9 9	167	18.9	13.1	16.0	-0.5	23.3	29	10.6	3,11	-	-	3.50	115	1.00	7,10	18	14	0	0	0	0	0	0	0	0	6.04	96	
		Newquay ...	9 9	176	18.6	13.4	16.0	+0.1	25.6	29	9.4	7,31	-	-	2.71	101	.89	7	11	8	0	0	0	0	0	0	0	6.10	99		
		St. Mawgan ...	21-9	337	18.1	13.1	15.6	-	24.7	29	9.0	7	-	-	2.91	-	1.02	10	13	8	0	0	0	0	0	3	0	1	6.22	-	
		St. Austell ...	9 9	310	19.3	12.9	16.1	-	23.3	29	8.9	7	-	-	3.10	86	1.13	7	16	12	0	0	0	0	0	2	0	0	-	-	
Devon		Fowey ...	9 9	51	19.4	12.7	16.1	-0.3	23.3	31	8.3	7	-	-	3.23	-	1.44	10	16	11	0	0	0	0	2	0	0	1	-	-	
		Bude ...	9 9	50	18.9	13.4	16.1	+0.3	27.8	29	7.2	12,31	16.2	-	3.02	107	1.18	11	15	8	-	0	-	-	-	0	0	1	5.95	99	
		Ellbridge...	9 9	190	19.3	11.8	15.5	-	25.6	29	5.0	7	-	-	3.89	-	1.77	10	18	11	0	0	0	0	0	0	2	5.78	-		
		NORTHERN IRELAND																													
Londonderry		Eglinton...	9 9	46	17.7	10.1	13.9	-	22.8	28	5.0	12	-	-	4.05	-	.73	3	27	22	0	0	0	0	0	0	0	0	-	-	
		Ballykelly ...	21-9	3	17.4	10.8	14.1	-0.5	24.2	28	4.2	24	-	-	2.44	75	.65	3	22	14	0	0	0	0	0	0	0	0	4.46	100	
		Garvagh ...	9 9	121	17.7	9.5	13.6	-0.5	22.8	28,29	3.3	12	15.1	-	3.15	79	.68	3	24	16	0	0	0	0	1	0	0	2	0	-	
		Portrush ...	-	18	-	-	-	-	-	-	-	-	-	-	3.67	-	.92	3	26	22	-	-	-	-	-	-	-	-	4.42	-	
Antrim		Aldergrove ...	21-9	217	17.4	10.2	13.8	-0.5	22.5	29	4.7	24	-	-	2.80	85	.45	8	22	18	0	0	0	0	1	0	2	0	3.92	91	
		Nutts Corner ...	21-9	338	17.2	10.1	13.7	-	22.2	29	4.9	12	-	-	2.74	75	.48	3	21	18	0	0	0	0	0	0	0	0			

TABLE IV—SUMMARY OF OBSERVATIONS AT FIXED HOURS AUGUST 1961

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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																															Speed in knots	11 to 16	17 to 21	22 to 26									27 to 31	32 to 36	37 to 41	42 to 46	47 to 51	52 to 56	57 to 61	62 to 66	67 to 71	72 to 76	77 to 81	82 to 86	87 to 91	92 to 96	97 to 101	102 to 106	107 to 111	112 to 116	117 to 121	122 to 126	127 to 131	132 to 136	137 to 141	142 to 146	147 to 151	152 to 156	157 to 161	162 to 166	167 to 171	172 to 176	177 to 181	182 to 186	187 to 191	192 to 196	197 to 201	202 to 206	207 to 211	212 to 216	217 to 221	222 to 226	227 to 231	232 to 236	237 to 241	242 to 246	247 to 251	252 to 256	257 to 261	262 to 266	267 to 271	272 to 276	277 to 281	282 to 286	287 to 291	292 to 296	297 to 301	302 to 306	307 to 311	312 to 316	317 to 321	322 to 326	327 to 331	332 to 336	337 to 341	342 to 346	347 to 351	352 to 356	357 to 361	362 to 366	367 to 371	372 to 376	377 to 381	382 to 386	387 to 391	392 to 396	397 to 401	402 to 406	407 to 411	412 to 416	417 to 421	422 to 426	427 to 431	432 to 436	437 to 441	442 to 446	447 to 451	452 to 456	457 to 461	462 to 466	467 to 471	472 to 476	477 to 481	482 to 486	487 to 491	492 to 496	497 to 501	502 to 506	507 to 511	512 to 516	517 to 521	522 to 526	527 to 531	532 to 536	537 to 541	542 to 546	547 to 551	552 to 556	557 to 561	562 to 566	567 to 571	572 to 576	577 to 581	582 to 586	587 to 591	592 to 596	597 to 601	602 to 606	607 to 611	612 to 616	617 to 621	622 to 626	627 to 631	632 to 636	637 to 641	642 to 646	647 to 651	652 to 656	657 to 661	662 to 666	667 to 671	672 to 676	677 to 681	682 to 686	687 to 691	692 to 696	697 to 701	702 to 706	707 to 711	712 to 716	717 to 721	722 to 726	727 to 731	732 to 736	737 to 741	742 to 746	747 to 751	752 to 756	757 to 761	762 to 766	767 to 771	772 to 776	777 to 781	782 to 786	787 to 791	792 to 796	797 to 801	802 to 806	807 to 811	812 to 816	817 to 821	822 to 826	827 to 831	832 to 836	837 to 841	842 to 846	847 to 851	852 to 856	857 to 861	862 to 866	867 to 871	872 to 876	877 to 881	882 to 886	887 to 891	892 to 896	897 to 901	902 to 906	907 to 911	912 to 916	917 to 921	922 to 926	927 to 931	932 to 936	937 to 941	942 to 946	947 to 951	952 to 956	957 to 961	962 to 966	967 to 971	972 to 976	977 to 981	982 to 986	987 to 991	992 to 996	997 to 1001	1002 to 1006	1007 to 1011	1012 to 1016	1017 to 1021	1022 to 1026	1027 to 1031	1032 to 1036	1037 to 1041	1042 to 1046	1047 to 1051	1052 to 1056	1057 to 1061	1062 to 1066	1067 to 1071	1072 to 1076	1077 to 1081	1082 to 1086	1087 to 1091	1092 to 1096	1097 to 1101	1102 to 1106	1107 to 1111	1112 to 1116	1117 to 1121	1122 to 1126	1127 to 1131	1132 to 1136	1137 to 1141	1142 to 1146	1147 to 1151	1152 to 1156	1157 to 1161	1162 to 1166	1167 to 1171	1172 to 1176	1177 to 1181	1182 to 1186	1187 to 1191	1192 to 1196	1197 to 1201	1202 to 1206	1207 to 1211	1212 to 1216	1217 to 1221	1222 to 1226	1227 to 1231	1232 to 1236	1237 to 1241	1242 to 1246	1247 to 1251	1252 to 1256	1257 to 1261	1262 to 1266	1267 to 1271	1272 to 1276	1277 to 1281	1282 to 1286	1287 to 1291	1292 to 1296	1297 to 1301	1302 to 1306	1307 to 1311	1312 to 1316	1317 to 1321	1322 to 1326	1327 to 1331	1332 to 1336	1337 to 1341	1342 to 1346	1347 to 1351	1352 to 1356	1357 to 1361	1362 to 1366	1367 to 1371	1372 to 1376	1377 to 1381	1382 to 1386	1387 to 1391	1392 to 1396	1397 to 1401	1402 to 1406	1407 to 1411	1412 to 1416	1417 to 1421	1422 to 1426	1427 to 1431	1432 to 1436	1437 to 1441	1442 to 1446	1447 to 1451	1452 to 1456	1457 to 1461	1462 to 1466	1467 to 1471	1472 to 1476	1477 to 1481	1482 to 1486	1487 to 1491	1492 to 1496	1497 to 1501	1502 to 1506	1507 to 1511	1512 to 1516	1517 to 1521	1522 to 1526	1527 to 1531	1532 to 1536	1537 to 1541	1542 to 1546	1547 to 1551	1552 to 1556	1557 to 1561	1562 to 1566	1567 to 1571	1572 to 1576	1577 to 1581	1582 to 1586	1587 to 1591	1592 to 1596	1597 to 1601	1602 to 1606	1607 to 1611	1612 to 1616	1617 to 1621	1622 to 1626	1627 to 1631	1632 to 1636	1637 to 1641	1642 to 1646	1647 to 1651	1652 to 1656	1657 to 1661	1662 to 1666	1667 to 1671	1672 to 1676	1677 to 1681	1682 to 1686	1687 to 1691	1692 to 1696	1697 to 1701	1702 to 1706	1707 to 1711	1712 to 1716	1717 to 1721	1722 to 1726	1727 to 1731	1732 to 1736	1737 to 1741	1742 to 1746	1747 to 1751	1752 to 1756	1757 to 1761	1762 to 1766	1767 to 1771	1772 to 1776	1777 to 1781	1782 to 1786	1787 to 1791	1792 to 1796	1797 to 1801	1802 to 1806	1807 to 1811	1812 to 1816	1817 to 1821	1822 to 1826	1827 to 1831	1832 to 1836	1837 to 1841	1842 to 1846	1847 to 1851	1852 to 1856	1857 to 1861	1862 to 1866	1867 to 1871	1872 to 1876	1877 to 1881	1882 to 1886	1887 to 1891	1892 to 1896	1897 to 1901	1902 to 1906	1907 to 1911	1912 to 1916	1917 to 1921	1922 to 1926	1927 to 1931	1932 to 1936	1937 to 1941	1942 to 1946	1947 to 1951	1952 to 1956	1957 to 1961	1962 to 1966	1967 to 1971	1972 to 1976	1977 to 1981	1982 to 1986	1987 to 1991	1992 to 1996	1997 to 2001	2002 to 2006	2007 to 2011	2012 to 2016	2017 to 2021	2022 to 2026	2027 to 2031	2032 to 2036	2037 to 2041	2042 to 2046	2047 to 2051	2052 to 2056	2057 to 2061	2062 to 2066	2067 to 2071	2072 to 2076	2077 to 2081	2082 to 2086	2087 to 2091	2092 to 2096	2097 to 2101	2102 to 2106	2107 to 2111	2112 to 2116	2117 to 2121	2122 to 2126	2127 to 2131	2132 to 2136	2137 to 2141	2142 to 2146	2147 to 2151	2152 to 2156	2157 to 2161	2162 to 2166	2167 to 2171	2172 to 2176	2177 to 2181	2182 to 2186	2187 to 2191	2192 to 2196	2197 to 2201	2202 to 2206	2207 to 2211	2212 to 2216	2217 to 2221	2222 to 2226	2227 to 2231	2232 to 2236	2237 to 2241	2242 to 2246	2247 to 2251	2252 to 2256	2257 to 2261	2262 to 2266	2267 to 2271	2272 to 2276	2277 to 2281	2282 to 2286	2287 to 2291	2292 to 2296	2297 to 2301	2302 to 2306	2307 to 2311	2312 to 2316	2317 to 2321	2322 to 2326	2327 to 2331	2332 to 2336	2337 to 2341	2342 to 2346	2347 to 2351	2352 to 2356	2357 to 2361	2362 to 2366	2367 to 2371	2372 to 2376	2377 to 2381	2382 to 2386	2387 to 2391	2392 to 2396	2397 to 2401	2402 to 2406	2407 to 2411	2412 to 2416	2417 to 2421	2422 to 2426	2427 to 2431	2432 to 2436	2437 to 2441	2442 to 2446	2447 to 2451	2452 to 2456	2457 to 2461	2462 to 2466	2467 to 2471	2472 to 2476	2477 to 2481	2482 to 2486	2487 to 2491	2492 to 2496	2497 to 2501	2502 to 2506	2507 to 2511	2512 to 2516	2517 to 2521	2522 to 2526	2527 to 2531	2532 to 2536	2537 to 2541	2542 to 2546	2547 to 2551	2552 to 2556	2557 to 2561	2562 to 2566	2567 to 2571	2572 to 2576	2577 to 2581	2582 to 2586	2587 to 2591	2592 to 2596	2597 to 2601	2602 to 2606	2607 to 2611	2612 to 2616	2617 to 2621	2622 to 2626	2627 to 2631	2632 to 2636	2637 to 2641	2642 to 2646	2647 to 2651	2652 to 2656	2657 to 2661	2662 to 2666	2667 to 2671	2672 to 2676	2677 to 2681	2682 to 2686	2687 to 2691	2692 to 2696	2697 to 2701	2702 to 2706	2707 to 2711	2712 to 2716	2717 to 2721	2722 to 2726	2727 to 2731	2732 to 2736	2737 to 2741	2742 to 2746	2747 to 2751	2752 to 2756	2757 to 2761	2762 to 2766	2767 to 2771	2772 to 2776	2777 to 2781	2782 to 2786	2787 to 2791	2792 to 2796	2797 to 2801	2802 to 2806	2807 to 2811	2812 to 2816	2817 to 2821	2822 to 2826	2827 to 2831	2832 to 2836	2837 to 2841	2842 to 2846	2847 to 2851	2852 to 2856	2857 to 2861	2862 to 2866	2867 to 2871	2872 to 2876	2877 to 2881	2882 to 2886	2887 to 2891	2892 to 2896	2897 to 2901	2902 to 2906	2907 to 2911	2912 to 2916	2917 to 2921	2922 to 2926	2927 to 2931	2932 to 2936	2937 to 2941	2942 to 2946	2947 to 2951	2952 to 2956	2957 to 2961	2962 to 2966	2967 to 2971	2972 to 2976	2977 to 2981	2982 to 2986	2987 to 2991	2992 to 2996	2997 to 3001	3002 to 3006	3007 to 3011	3012 to 3016	3017 to 3021	3022 to 3026	3027 to 3031	3032 to 3036	3037 to 3041	3042 to 3046	3047 to 3051	3052 to 3056	3057 to 3061	3062 to 3066	3067 to 3071	3072 to 3076	3077 to 3081	3082 to 3086	3087 to 3091	3092 to 3096	3097 to 3101	3102 to 3106	3107 to 3111	3112 to 3116	3117 to 3121	3122 to 3126	3127 to 3131	3132 to 3136	3137 to 3141	3142 to 3146	3147 to 3151	3152 to 3156	3157 to 3161	3162 to 3166	3167 to 3171	3172 to 3176	3177 to 3181	3182 to 3186	3187 to 3191	3192 to 3196	3197 to 3201	3202 to 3206	3207 to 3211	3212 to 3216	3217 to 3221	3222 to 3226	3227 to 3231	3232 to 3236	3237 to 3241	3242 to 3246	3247 to 3251	3252 to 3256	3257 to 3261	3262 to 3266	3267 to 3271	3272 to 3276	3277 to 3281	3282 to 3286	3287 to 3291	3292 to 3296	3297 to 3301	3302 to 3306	3307 to 3311	3312 to 3316	3317 to 3321	3322 to 3326	3327 to 3331	3332 to 3336	3337 to 3341	3342 to 3346	3347 to 3351	3352 to 3356	3357 to 3361	3362 to 3366	3367 to 3371	3372 to 3376	3377 to 3381	3382 to 3386	3387 to 3391	3392 to 3396	3397 to 3401	3402 to 3406	3407 to 3411	3412 to 3416	3417 to 3421	3422 to 3426	3427 to 3431	3432 to 3436	3437 to 3441	3442 to 3446	3447 to 3451	3452 to 3456	3457 to 3461	3462 to 3466	3467 to 3471	3472 to 3476	3477 to 3481	3482 to 3486	3487 to 3491	3492 to 3496	3497 to 3501	3502 to 3506	3507 to 3511	3512 to 3516	3517 to 3521	3522 to 3526	3527 to 3531	3532 to 3536	3537 to 3541	3542 to 3546	3547 to 3551	3552 to 3556	3557 to 3561	3562 to 3566	3567 to 3571	3572 to 3576	3577 to 3581	3582 to 3586	3587 to 3591	3592 to 3596	3597 to 3601	3602 to 3606	3607 to 3611	3612 to 3616	3617 to 3621	3622 to 3626	3627 to 3631	3632 to 3636	3637 to 3641	3642 to 3646	3647 to 3651	3652 to 3656	3657 to 3661	3662 to 3666	3667 to 3671	3672 to 3676	3677 to 3681	3682 to 3686	3687 to 3691	3692 to 3696	3697 to 3701	3702 to 3706	3707 to 3711	3712 to 3716	3717 to 3721	3722 to 3726	3727 to 3731	3732 to 3736

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS AUGUST 1961

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	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.	%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS AUGUST 1961

[illegible]

* previously known as "Elmdon"

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS AUGUST 1961

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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		G.M.T.	ft.	mb.	mb.	°C.	°C.	mb.	%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		</

STATION	TOTAL RADIATION ON A HORIZONTAL SURFACE mw. hr./cm ²						DIFFUSE RADIATION ON A HORIZONTAL SURFACE mw. hr./cm ²						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	669	2	154	23	351.7	31	366	7	141	23	232.4	31	659	2	178	23	367.0	31
Eskdalemuir	566	31	41	8	339.5	31	304	4	41	8	210.6	29	551	31	53	8	343.1	31
Cambridge	573	12	181	24	382.2	31	316	6	98	30	219.8	31	-	-	-	-	-	-
Kingsway	569	27	175	24	355.2	31	334	3	107	30	223.6	31	648	7	252	4	424.0	31
Kew	551	7	153	24	353.1	31	293	3	100	31	204.0	31	623	27	191	24	387.4	31
Aberporth	707	6	202	16	451.3	31	349	4	157	30	247.1	31	-	-	-	-	-	-

TABLE VIII—NUMBER OF DAYS IN AUGUST 1961 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°		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°
Lerwick	0	0	0	25	6	0	0	0	0	0	0	0	0	0	1	23	6	0	1	0	0
Stornoway	0	0	0	12	18	1	0	0	0	0	0	0	0	0	12	19	0	0	0	0	0
Craibstone	0	0	0	7	22	2	0	0	0	0	0	0	0	2	22	7	0	0	0	0	0
Rothsay	0	0	0	6	24	1	0	0	0	0	0	0	0	0	12	19	0	0	0	0	0
Renfrew	0	0	0	2	25	3	1	0	0	0	0	0	0	0	10	21	0	0	0	0	0
Eskdalemuir	0	0	0	11	18	2	0	0	0	0	0	0	0	7	16	8	0	0	0	0	0
Douglas	0	0	0	1	30	0	0	0	0	0	0	0	0	0	10	21	0	0	0	0	0
Cockle Park	0	0	0	2	24	5	0	0	0	0	0	0	0	0	18	13	0	0	0	0	0
Gorleston	0	0	0	1	19	10	1	0	0	0	0	0	0	4	24	3	0	0	0	0	0
Cambridge	0	0	0	0	12	15	4	0	0	0	0	0	0	11	18	2	0	0	0	0	0
Birmingham	0	0	0	1	23	6	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Kew Observatory	0	0	0	0	18	11	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Hastings	0	0	0	0	21	8	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Southampton	0	0	0	0	5	23	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stonyhurst	0	0	0	3	24	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bidston Observatory	0	0	0	1	27	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Holyhead (Valley)	0	0	0	0	28	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Falmouth	0	0	0	0	27	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aldergrove	0	0	0	2	25	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Armagh	0	0	0	0	27	4	0	0	0	0	0	0	0	0	0	0	0	0	0	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	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																					
February	Eskdalemuir	825	50	35											190						
March	Eskdalemuir	825	50	35											070						
April	Eskdalemuir	825	50	35											250						
May	Eskdalemuir	825	50	35											090						
December	Dungeness	70	50	33	3.4.26.	32	12	92	177	274	169	0	11.4	240	45	4 07	66	4	0725		
December	Paisley	188	81	31	-	0	1	3	111	320	310	0	5.4	300	24	25 24	54	4	1520		
1961																					
May	Lizard	315	75	60	-	0	10	78	319	265	45	37	12.4	220	30	6 12	42	6	1120		

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Monthly Weather Report

OF THE METEOROLOGICAL OFFICE

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

Volume 78 Number 9

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September 1961 — *Changeable; mild.*

The month provided a wide variety of weather types over the British Isles, ranging from warm anticyclonic through thundery cols to vigorous depressions. The 16th was particularly stormy in Northern Ireland and the north of Great Britain.

The fine very warm weather at the end of August persisted during the first two days of September. Widespread overnight fog cleared in most places by mid-morning and afternoon temperatures exceeded 27°C over much of southern and central England. On the afternoon of the 2nd severe thunderstorms broke out in Scotland and Northern Ireland and spread slowly southward during the night persisting over Lancashire, Yorkshire and Lincolnshire for most of the following day; at Litton, West Riding of Yorkshire, .43 in. of rain fell in 10 min around midnight and Manchester Airport had 1.39 in. in 60 min during the morning of the 3rd. In southern England over 1 in. fell at Dorchester, Dorset, in less than 3 hr and Sandown and St. Catherine's Point both had over 3 in. in 24 hr.

On the 5th a depression to the east of Iceland moved southward towards the North Sea, and winds over the British Isles veered to northwest behind a cold front which brought a belt of rain south-eastward across the country. The following day was showery with scattered thunderstorms. The 7th-9th was fine and sunny in most districts as a ridge of high pressure moved slowly eastwards across the country, but rain reached western districts on the 9th with the approach of the cold front of a complex low pressure system to the south-west of Iceland. The 10th was generally dull with occasional rain, which was heavy at times in the south-west, but the frontal rain cleared eastern districts early the following morning giving place to a generally bright but showery day.

During the 12th-16th the country was affected by two vigorous disturbances which had originated as hurricanes on the other side of the Atlantic. In north-west Scotland and Northern Ireland rainfall was heavy almost every day of the period; the 12th was the wettest day in north-west England and Wales, where many places had more than 1 in. of rain, and the 13th in southern England. On the 16th a small but intense depression moved north-east, skirting the west coasts of Ireland and Scotland, and bringing severe gales to these areas; at Ballykelly and Tiree gusts exceeded 90 kt.

A more settled period began on the 17th as a ridge of high pressure developed over England in the rear of the depression. The 18th was generally dry and warm with more than 10 hr of sunshine in many places, but as the ridge moved to southern Norway a weak trough spread north-east over the British Isles giving some occasional slight rain on the 19th and 20th. During most of the next week an anticyclone was centred near the Baltic with a ridge of high pressure over eastern and southern England where weather was generally dry, sunny and rather warm. Depressions from the Atlantic moved north-east near the Denmark Straits but associated fronts gave some occasional rain in the north-west of the British Isles. Early morning fog was prevalent during the period and persisted throughout the day in many areas on the 23rd.

There was a marked change on the 27th with widespread rain as a depression intensified in the South-West Approaches. On the 28th the depression turned north over the Irish Sea to north Scotland accompanied by widespread gales and rain; several places in western

Scotland had more than 1 in. of rain. Further rain in most districts on the last two days of the month was associated with a deep depression moving towards western Ireland.

Pressure and Wind — Mean pressure was below the average everywhere, the deviation at 9 hr ranging from 1.1 mb at Gorleston to 4.7 mb at Tiree. Surface winds were light and variable at first becoming north-westerly on the 5th-7th and predominantly south-westerly on the 8th-16th. They were mainly south-west to south in the north-west, but light and variable in the south-east, on the 17th-26th, becoming generally south-west during the remainder of the month. In Scotland gales were reported on 10 days; the gale of the 16th/17th was widespread and one of the most severe on record. Mean hourly wind speeds of 56 kt and 65 kt were recorded at Rannoch and Tiree respectively with gusts exceeding 90 kt. In England and Wales wind reached gale force on the 1st, 12th-16th, 18th, 21st and 28th-30th (11 days) and gales were widespread on the 15th and 16th.

Temperature — Mean temperature was generally above the 1921-50 average, the excess being 1.4°C in England and Wales, 1.1°C in Scotland and 0.7°C in Northern Ireland. The first two days of the month were unusually warm. Ground frost occurred on 10 nights in England and Wales, being rather widespread during second and last weeks. Extremes included: (England and Wales) 31.6°C at Gatwick on the 2nd, -1.7°C at Alwen on the 25th; (Scotland) 25.6°C at Selkirk on the 1st, -1.1°C at Logie Coldstone on the 29th; (Northern Ireland) 25.0°C at Armagh on the 1st, 2.8°C at Loughgall on the 18th.

Precipitation — The general rainfall expressed as a percentage of the 1916-50 average was 105 in England and Wales, 118 in Scotland and 117 in Northern Ireland. Less than the average was recorded over the greater part of central and northern England except the Lake District, whereas more than 150 per cent of the average occurred in Pembrokeshire, Dorset and eastern Kent.

Thunder was rather frequent during the month occurring on 11 days in Scotland and on the 1st-6th, 10th, 11th, 13th, 14th, 16th, 17th, 19th, 20th, 23rd, 26th-29th (19 days) in England and Wales. Thunderstorms were widespread and accompanied by heavy rain locally on the 2nd and 3rd.

A slight fall of snow was reported from Glenmore on the 26th.

Sunshine — The general sunshine expressed as a percentage of the 1921-60 average was 97 over England and Wales, 98 over Scotland and 103 over Northern Ireland. Sunshine was generally below average in eastern England and mainly above in the north-west; it was 25 per cent above the average at Manchester Airport.

Fog — In Scotland fog was reported at one place or another on 15 days, but hill fog occurred at Lowther Hill on 23 days. In England and Wales early morning fog occurred on 18 days, it was widespread on the 1st and 2nd and around the 23rd when it persisted all day in many areas.

Miscellaneous Phenomena — The aurora was visible in Scotland on 10 nights: it was seen as far south as Bournemouth on the night of September 30th/October 1st.

TABLE I—DISTRICT VALUES— SEPTEMBER

1961

(1908, revised 1928, 1941 and 1956)

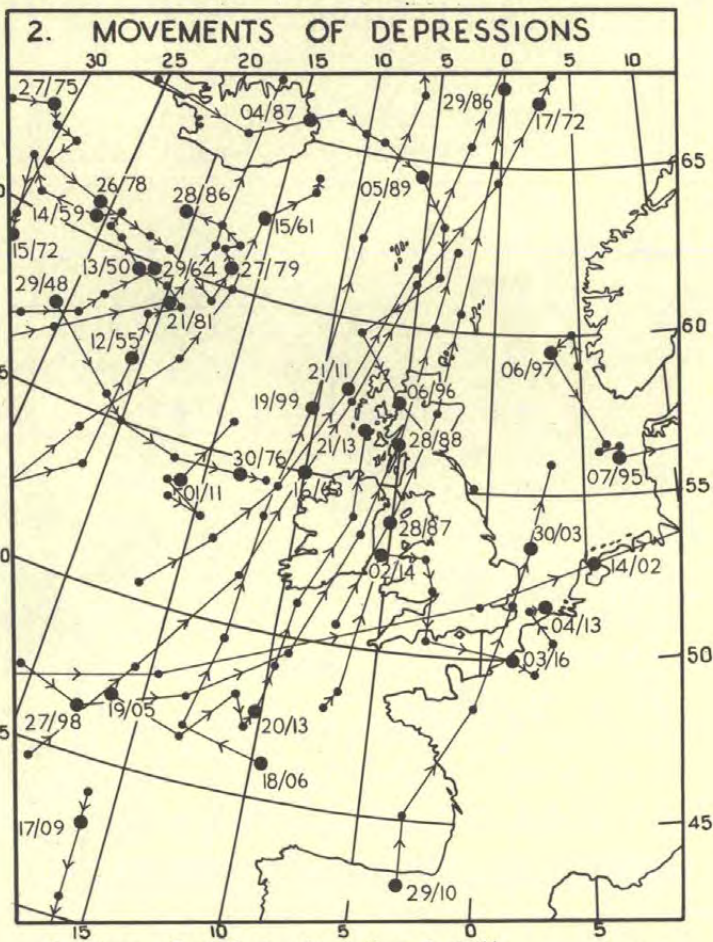
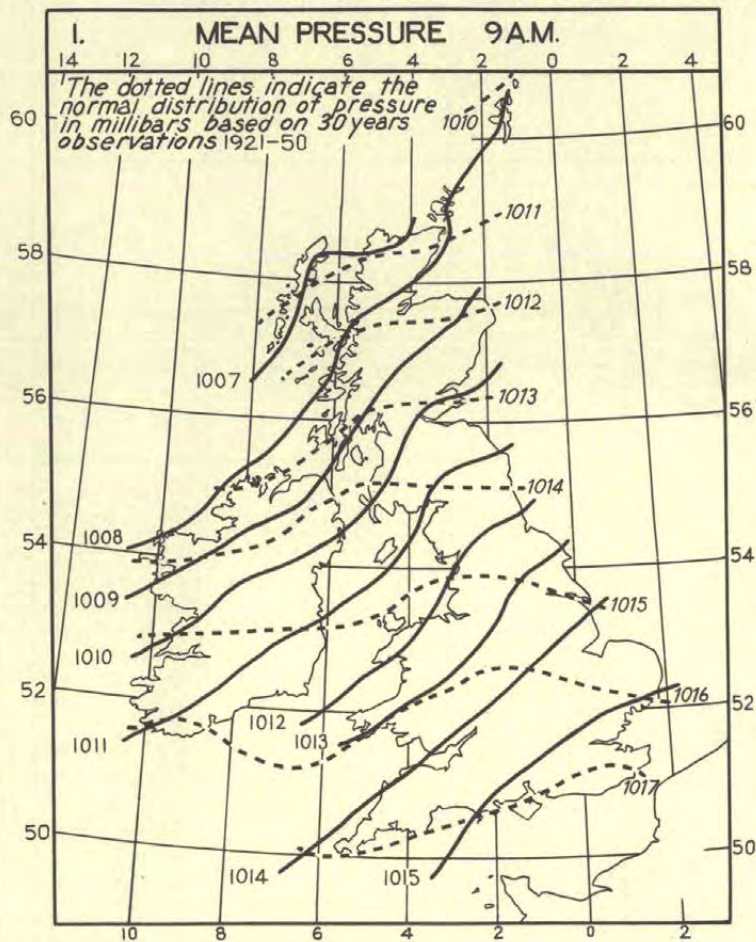
DISTRICTS	AIR TEMPERATURE					EARTH TEMPERATURE		RAINFALL		SUNSHINE	
	Highest	Lowest	Difference from Average			At 1 ft. Difference from Average	At 4 ft. Difference from Average	Percentage of Average	No. of Days Difference from Average	Percentage of Average	
			Max.	Min.	Mean						
0 SCOTLAND, N.	22.8	0.6	+0.8	+0.9	+0.9	—	—	113	0	104	
Eastern											
1 SCOTLAND, E.	25.6	-1.1	+1.2	+1.2	+1.3	—	—	87	+2	97	
2 ENGLAND, N.E.	30.0	0.0	+1.6	+1.3	+1.4	+0.8	-0.1	99	0	100	
3 ENGLAND, E.	28.9	1.1	+1.0	+1.6	+1.3	+0.9	+0.3	124	+2	86	
4 MIDLAND COUNTIES	30.6	0.0	+1.5	+1.3	+1.3	+0.7	+0.4	99	0	103	
5 ENGLAND, S.E.	31.6	1.7	+1.6	+1.9	+1.7	+0.9	+0.5	118	+2	89	
Western											
6 SCOTLAND, W.	24.4	1.2	+1.0	+1.2	+1.1	+0.6	-0.2	136	+5	93	
7 ENGLAND, N.W. (and N. Wales)	30.0	-1.7	+1.7	+1.4	+1.5	+0.5	+0.1	89	0	110	
8 ENGLAND, S.W. (and S. Wales)	31.1	0.6	+1.1	+1.0	+1.0	+1.3	+0.7	99	0	92	
NORTHERN IRELAND	25.0	2.8	+0.8	+0.6	+0.7	—	—	117	+4	103	

TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— SEPTEMBER

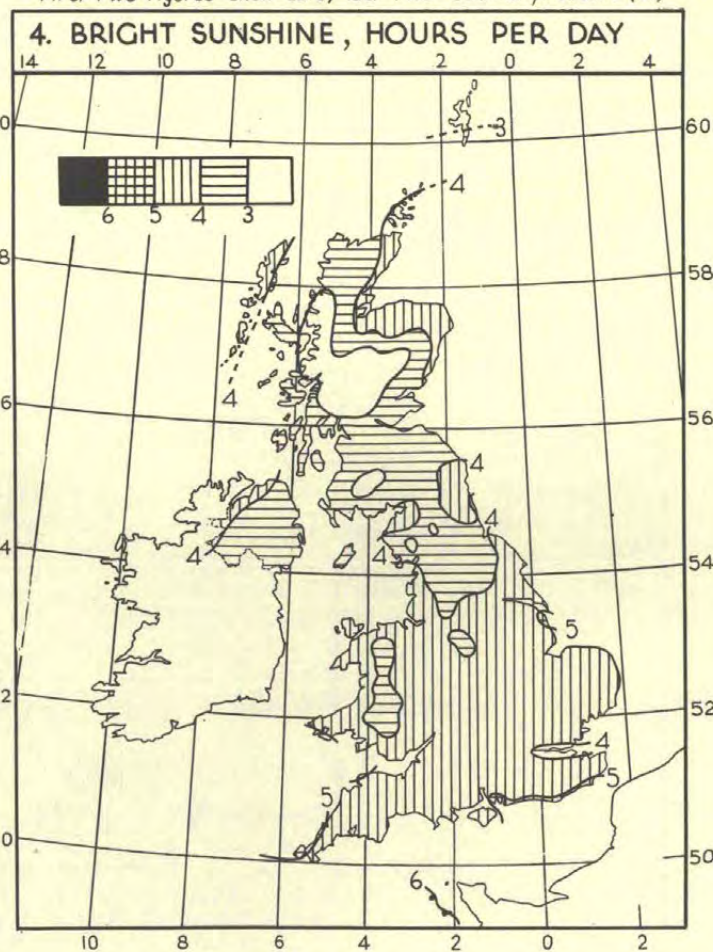
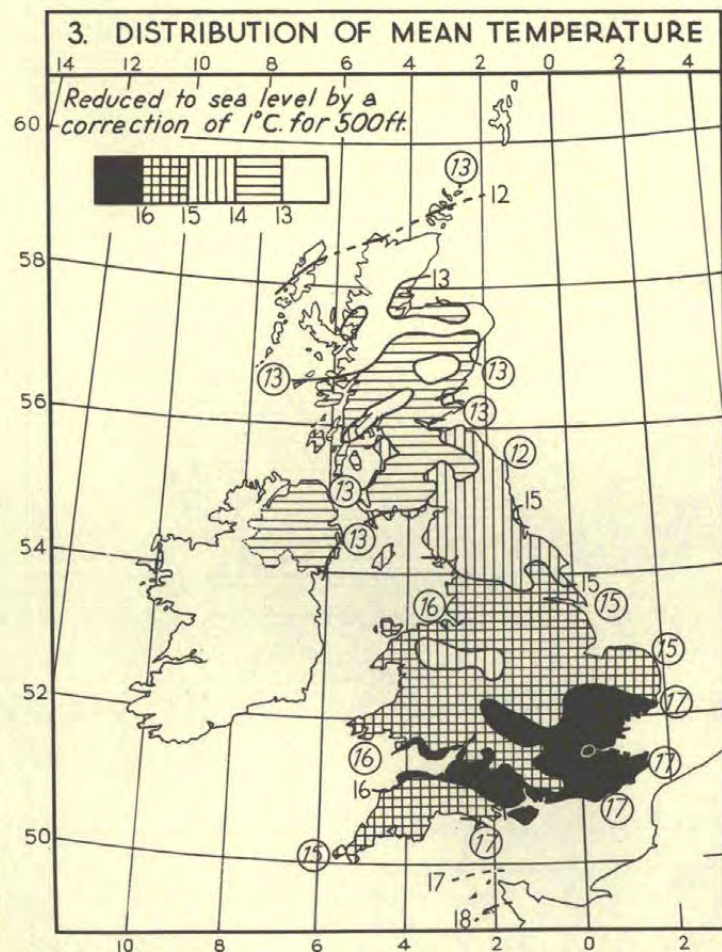
(1914)

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	310	53	37	16, 17	12	11	63	364	243	38	0	13.0	210	53	17	02	77	17	0045
	Orkney	Kirkwall (Grimsetter)	135	51	33	16, 17	8	6	26	297	300	89	0	10.3	260	44	17	02	69	17	0150
	Caithness	Dounreay	110	39	30	16, 17	8	6	37	203	402	66	4	9.9	220	50	16	24	79	16	2300
	Ross & Cromarty	Stornoway (Coastguard)	120	40	36	15-17, 22, 29	15	21	188	342	98	77	0	16.4	150	55	16	19	75	16	1810
	Inverness	Duirinish	125	65	55	15, 16	10	9	55	307	262	86	0	11.5	200	54	16	20	86	16	1855
		Benbecula	69	51	35	14-16	13	17	133	428	131	15	0	16.2	150	44	16	16	76	16	1450
1	Moray	Lossiemouth	100	80	66	16, 17	8	6	27	161	267	256	1	7.7	200	48	16	22	74	16	2325
	Aberdeen	Dyce	225	40	40	16	2	5	21	168	285	244	0	7.4	220	40	16	21	60	16	2015
	Angus	Bell Rock Lighthouse	128	131	124	15-17, 28	26	17	137	382	142	33	0	16.4	190	48	16	16	70	16	1510
	Perth	Rannoch	1006	56	57	*															
	Fife	Leuchars	78	40	40	16	8	4	21	173	405	113	0	8.7	200	40	16	19	68	16	1800
	Midlothian	Edinburgh	485	39	23	16	5	3	16	198	330	171	0	8.1	150	36	16	15	65	16	1805
6a	Argyll	Tiree	89	60	47	12, 14-16, 29	24	17	183	356	104	53	0	16.6	180	65	16	17	90	16	1645
	Bute	Millport	50	34	34	16	7	6	51	297	206	147	12	11.1	210	40	16	19	63	16	1750
	Renfrew	Paisley	188	81	31	-	0	1	8	75	365	272	0	5.7	170	33	16	15	62	16	1615
		Renfrew	71	41	39	16	7	3	12	184	372	145	0	7.8	200	42	16	17	67	16	1630
	Ayr	Prestwick Airport	35	33	33	16	5	1	8	227	388	92	0	9.1	180	36	16	12	61	16	1530
	Dumfries	Eskdalemuir	825	50	35	16	8	4	23	180	302	207	0	8.0	200	43	16	15	69	16	1350
ENGLAND and WALES																					
6b	Isle of Man	Point of Ayre	70	40	35	16	4	8	38	337	314	27	0	12.1	190	37	16	15	62	16	1255
2	Durham	Durham	389	53	33	-	0	3	17	118	250	335	0	5.9	210	27	16	13	55	16	1240
		South Shields	73	57	44	-	0	2	3	126	443	148	0	7.1	190	24	16	13	45	16	1225
	Lincoln	Cranwell	288	47	47	-	0	2	17	168	472	10	53	9.2	200	27	16	13	40	28	1310
3	Norfolk	Gorleston	45	33	33	*															
	Suffolk	Mildenhall	98	83	60	-	0	0	0	108	385	227	0	6.0	220	21	16	14	40	28	1425
		Felixstowe	85	75	65	-	0	1	1	215	304	200	0	7.8	220	22	16	15	36	28	1530
	Bedford	Cardington	226	133	133	-	0	5	38	265	323	94	0	10.1	210	33	16	15	53	28	1250
	Hertford	Rothamsted	461	41	33	-	0	0	0	24	381	315	0	4.3	230	15	16	17	36	16	1615
		Stanstead Abbots	138	41	40	-	0	0	0	97	357	266	0	5.0	210	20	16	13	35	16	1210
	Essex	Coryton	66	57	48	-	0	0	0	79	407	203	31	5.7	250	17	15	14	38	15	1040
		Shoeburyness	118	106	91	-	0	7	54	275	333	58	0	10.8	180	30	16	10	42	15	1505
4	Yorks., W.R.	Sheffield	533	83	35	-	0	0	0	65	288	367	0	4.5	180	19	28	14	47	15	0910
	Warwick	Birmingham	643	118	73	-	0	1	1	139	497	83	0	7.4	180	22	16	10	45	16	0915
	Stafford	Keele	706	50	40	-	0	2	6	112	414	188	0	6.7	190	29	16	10	54	16	0925
	Gloucester	Avonmouth	92	61	33	-	0	8	35	189	184	269	43	8.0	190	28	15	01	42	12	2350
5	London	Kingsway	208	143	41	-	0	0	0	88	446	186	0	6.1	200	17	28	13	36	28	1255
	Middlesex	London Airport	115	33	33	-	0	1	1	142	308	264	5	6.1	220	24	16	12	39	16	1145
		Hampton	139	101	100	-	0	2	2	126	387	205	0	6.1	240	23	16	12	38	16	1110
	Surrey	Kew Observatory	92	75	50	-	0	1	1	103	358	258	0	5.8	220	22	16	12	42	16	1210
		Watlington	232	38	33	-	0	3	8	130	231	351	0	5.3	230	26	16	12	41	16	1150
	Kent	Isle of Grain	48	40	33	-	0	0	0	74	180	466	0	3.5	210	21	15	11	35	15	1100
		Dungeness	70	50	33	-	0	6	27	199	275	219	0	7.9	230	29	14	08	42	14	0705
		Dover	68	38	62	-	0	3	15	212	296	197	0	7.9	180	27	14	07	44	14	0625
	Sussex	Thorney Island	75	65	42	-	0	0	0	102	229	389	0	4.9	190	20	14	05	40	14	0435
	Hampshire	Southampton (Eastleigh)	95	60	41	-	0														
		Calshot	50	41	33	-	0	2	2	252	422	44	0	9.9	210	23	14	05	32	14	0435
		S. Farnborough	318	69	35	-	0	0	0	39	327	354	0	4.5	230	16	16	13	37	28	1140
	Berkshire	Abingdon	295	40	40	-	0	3	11	133	201	375	0	5.3	200	25	28	12	47	28	1120
	Wiltshire	Larkhill	491	51	36	-	0	0	0	108	375	237	0	6.0	210	20	16	11	43	16	1030
		Porton	406	44	44	-	0	3	7	137	276	300	0	6.1	220	26	16	12	40	16	0915
7a	Cumberland	Sellafield	83	39	35	16	4	9	53	355	280	24	4	12.9	200	36	16	16	53	16	1420
		Spadeadam	959	51	40	16	4	3	21	221	316	158	0	8.9	210	43	16	16	62	16	1505
	Westmorland	Moor House	1960	50	45	16	3	9	61	251	206	199	0	10.1	220	37	16	14	62	16	1405
	Lancashire	Southport	59	41	33	-	0	5	19	170	403	128	0	8.7	240	30	16	17	54	28	1455
		Speke	180	100	65	16, 28	8	7	44	316	312	40	0	11.5	210	42	16	12	60	16	1105
	Cheshire	Bidston Observatory	262	64	39	-	0	1	7	170	418	98	27	-	210	24	16	12	53	16	1135
		Manchester Airport	318	70	30	-	0	4	21	168	419	112	0	8.1	220	30	16	13	50	28	1215
7b	Anglesey	Holyhead (Valley)	76	50	40	15, 16, 29	15	11	119	266	194	126	0	13.2	220	43	16	11	64	16	1020
8a	Cardigan	Aberporth	483	41	41	16	1	12	97	322	231	69	0	13.0	160	34	16	08	58	16	0735
	Pembroke	Milford Haven	246	50	35	-	0	5	12	202	247	181	78	8.0	220	27	16	09	50	16	0755
	Glamorgan	Port Talbot	91	40	35	-	0	8	21	356	241	102	0	10.6	140	25	16	04	41	18	2005
		Rhoose	257	37	32	-	0	0	0	160	467	93	0	7.5	210	20	28	11	36	28	1005
8b	Devon	Plymouth	191	88	65	-	0	10	62	210	298	150	0	9.6	-	33	16	08	46	16	0415
	Cornwall	St. Mary's, Scilly	230	65	57	-	0	10	77	317	234	89	3	11.7	230	33	16	10	55	16	0620
		The Lizard	315	75	60	16, 28	7	12	91	298	209	87	28	12.5	200	40	16	07	57	16	0655
NORTHERN IRELAND																					
	Londonderry	Ballykelly	52	50	35	16	7	5	11	211	276	215	0	8.1	190	51	16	14	92	16	1525
	Antrim	Aldergrove	281	65	55	16	9	8	29	301	316	65	0	10.8	190	49	16	15	76	16	1545
		Nutts Corner	344	31	31	-	-	-	-	-	-	-	-	-	210	38	16	14	69	16	1345
CHANNEL ISLES																					
		Jersey Airport	359	86	50	-	0	4	26	314	340	40	0	11.0	280	27	6	24	45	14	0550

MONTHLY WEATHER CHARTS SEPTEMBER 1961



Positions of centres shown thus: ● at 12h.
First two figures show date, last two central pressure (mb)



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

RAINFALL SEPTEMBER 1961

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

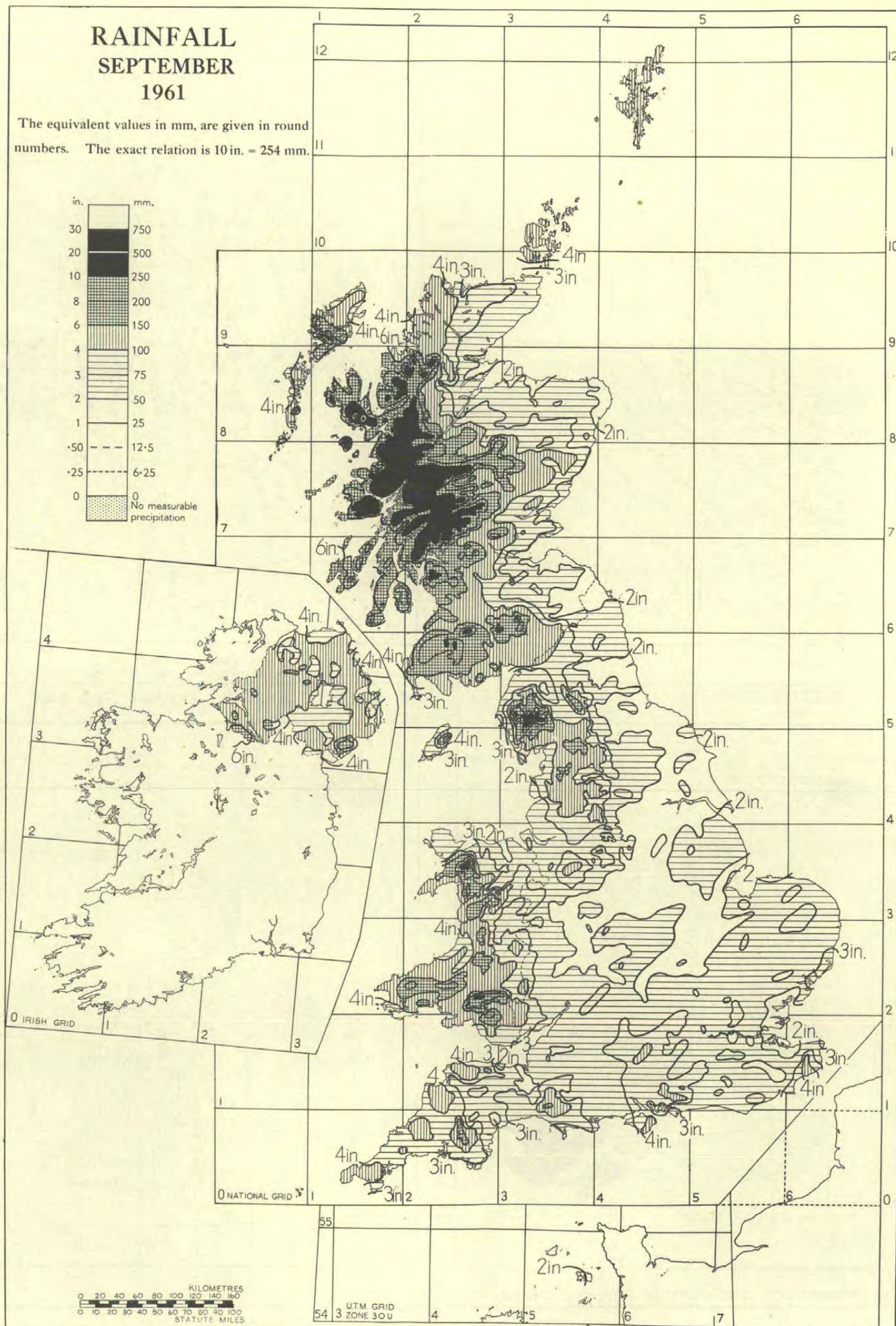
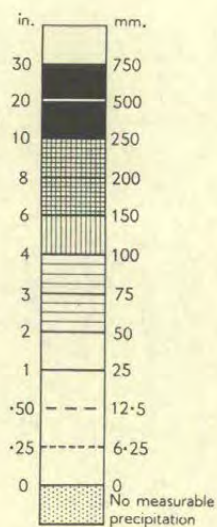


TABLE III — SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER september 1961

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 in. (0.2 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 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	%		
0 SCOTLAND, N.																														
Zetland	Lerwick Obs'y. ¶	21-9 269	13.3	9.4	11.3	+1.0	14.9	22	5.0	3	-	-	4.69	125	.62	28	22	17	0	0	0	0	0	4	0	0	3	2.93	84	
	Baltasound ...	9 9 78	13.4	8.7	11.1	-	16.1	22	4.4	21	10.8	-	5.04	124	.73	28	19	17	0	0	0	0	0	3	0	0	3	2.35	-	
Orkney	Sule Skerry ...	9 9 43	13.7	10.7	12.2	-	16.0	16	8.0	6	-	-	3.48	-	.64	14	23	17	0	0	0	0	0	1	0	0	3	-	-	
	Kirkwall (Grimsetter) ...	21-9 84	14.7	9.0	11.9	-	19.9	1	6.8	4	-	-	4.54	121	.81	28	21	16	0	0	0	0	0	0	0	0	2	4.37	-	
Caithness	Dounreay ...	9 9 70	15.6	8.3	11.9	-	20.6	1	5.0	29	-	-	2.84	-	.51	28	19	13	0	0	0	0	0	1	0	0	4	-	-	
	Halkirk (Olgrinbeg) ...	9 9 232	-	-	-	-	-	-	-	-	-	-	2.81	-	.71	28	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Wick ... ¶	21-9 119	15.0	9.2	12.1	+0.9	18.8	1	5.4	7	-	-	2.56	88	.95	28	18	12	0	0	0	0	0	0	0	0	2	4.33	111	
Sutherland	Cape Wrath ...	21-9 367	13.9	10.0	11.9	-	21.0	16	7.0	27	-	-	4.63	101	.62	14	23	18	0	0	0	0	0	1	1	0	0	2	-	-
	Lairg (Achany) ...	9 9 240	16.7	7.7	12.2	-	21.7	1,164	2.2	25	12.9	12.1	3.04	-	.51	11	19	16	0	0	0	0	0	0	0	11	1	-	-	
	Strathly ...	9 9 120	15.8	8.2	12.0	-	21.1	1	5.6	25,27	-	-	3.33	91	.83	28	19	16	0	0	0	0	0	0	0	0	1	3.68	-	
Ross & Cromarty	Stornoway ¶	21-9 11	14.7	9.0	11.9	+0.5	17.8	16	3.1	24	-	-	3.86	103	.72	16	22	17	0	0	0	0	0	0	0	1	1	3.93	110	
	Balmacara ...	9 9 2	16.1	10.2	13.1	-	(21.1)	16	6.7	6,21,24	-	-	9.14	-	1.50	26	21	21	-	-	-	-	-	-	-	-	-	-	-	-
	Achnashellach ...	9 9 220	16.2	8.7	12.5	+1.2	22.2	16	5.0	24	-	-	8.05	113	1.50	26	22	19	0	0	0	0	1	0	0	0	2	-	-	-
	Kinlochewe ...	9 9 76	16.6	9.3	12.9	-	22.8	16	5.6	21	12.9	-	9.49	-	1.75	16	22	19	0	0	0	0	0	0	0	0	1	2.56	-S	
	Garve (Blackbridge) ...	9 9 690	16.2	-	-	-	(21.7)	16	-	-	-	-	3.49	-	.56	26	18	17	-	-	-	-	-	-	-	-	1	4.12	109	
	Fortrose ... ¶	9 9 15	-	-	-	-	-	-	-	-	-	-	2.14	97	.85	28	16	11	0	0	0	0	0	0	-	-	1	-	-	
	Tarbatness ...	21-9 60	15.2	10.9	13.1	-	21.0	16	7.5	25	-	-	1.89	-	.96	28	18	10	0	0	0	0	0	0	0	0	2	-	-	-
Inverness	Benbecula ...	21-9 19	15.0	10.1	12.5	-	19.0	1	6.3	21	-	-	3.98	94	.69	16	24	18	0	0	0	0	0	0	0	0	5	4.30	-	
	Isle of Rhum ...	9 9 15	15.6	10.2	12.9	-	20.0	1	4.4	21	13.6	13.2	14.72	-	2.48	26	25	22	0	0	0	2	3	0	0	0	2	-	-	-
	Prabost ...	9 9 220	15.2	9.0	12.1	-	18.9	2	5.6	21	-	-	7.99	-	1.39	25	25	20	0	0	0	2	0	0	0	0	3	3.57	-	
	Duntulm ...	9 9 294	14.6	9.3	11.9	-	18.9	16,19	6.7	28,29	-	-	6.12	121	.71	26	22	17	0	0	2	0	1	0	0	0	4	3.65	-S	
	Onich ... ¶	9 9 48	16.1	9.8	12.9	+1.0	20.0	1,16,19	6.1	7	-	-	11.16	154	.98	16	24	23	-	0	-	-	-	0	0	2	-	2.99	106S	
	Fort William (Camaghael) ...	9 9 27	16.1	9.6	12.9	-	21.7	16	5.0	23	13.1	13.4	9.68	-	1.16	26	23	22	0	0	1	1	1	0	0	0	2	2.72	-S	
	Fort Augustus ...	9 9 70	16.3	9.4	12.9	+1.3	22.2	1	5.6	24	-	-	5.12	-	.65	28	21	17	0	0	0	0	2	0	0	-	1	3.37	-	
	Cannich ...	9 9 350	15.9	6.8	11.3	-	21.7	1	1.7	23	-	-	4.93	127	.78	16	23	17	0	0	0	0	0	3	0	5	1	-	-	-
	Dalwhinnie ...	18-9 1176	14.0	7.7	10.9	-	19.7	1	1.0	24	-	-	6.08	149	1.22	28	22	19	0	0	0	0	1	0	0	5	1	2.63	-	
	Inverness ...	9 9 13	16.7	9.6	13.1	-	22.8	1	5.0	29	-	-	2.17	-	.84	28	16	12	0	0	0	0	0	0	0	0	1	4.57	-	
	Achnagoichan ...	9 9 1000	15.6	7.7	11.7	-	21.7	1	0.6	2	11.4	-	3.99	-	1.19	28	18	16	-	-	-	-	-	0	3	-	-	-	-	-
	Glenmore Lodge ...	9 9 1120	15.6	7.7	11.7	-	21.8	1	1.9	25	-	-	3.37	-	1.03	28	20	15	1	0	0	0	2	0	0	4	3	4.27	-	-
1 SCOTLAND, E.																														
Nairn	Nairn ... ¶	9 9 20	17.2	8.8	13.0	+1.0	23.3	16	5.0	27	-	-	2.05	88	.94	28	16	8	0	0	0	0	0	0	0	2	1	4.77	124	
	Grantown-on-Spey ...	9 9 720	16.4	5.8	11.1	-	24.4	1	1.1	14,15,25	-	-	3.09	-	.83	28	22	18	-	0	-	-	-	0	0	3	-	-	-	-
	Forres ...	9 9 155	16.9	8.7	12.8	-	22.8	1	5.0	24	13.2	12.7	1.98	83	.85	28	13	9	0	0	0	0	0	0	0	0	2	4.05	-	
	Kinloss ...	21-9 15	16.9	9.3	13.1	-	22.4	16	5.5	28	-	-	1.83	-	.81	28	13	8	0	0	0	0	2	0	0	2	2	4.00	-	
	Elgin ...	9 9 92	17.1	9.7	13.4	-	23.3	16	6.7	27,29	-	-	1.84	-	.51	28	15	12	0	0	0	0	0	0	0	0	1	4.39	-	
	Lossiemouth ...	9 9 21	16.6	8.6	12.6	-	21.7	16	3.9	29	-	-	2.11	-	.61	28	15	12	0	0	0	0	1	0	0	0	2	-	-	-
	Gordon Castle ...	9 9 104	17.8	7.8	12.8	+0.7	23.3	16	3.9	22	-	-	1.71	56	.35	23	16	12	-	0	-	-	-	-	-	-	-	4.41	115S	
Banff	Glenlivet ...	9 9 1085	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aberdeen	Braemar ...	9 9 1113	15.1	7.2	11.1	+1.2	22.2	1	2.2	9,14	-	-	3.84	129	.75	28	16	14	-	0	-	-	-	0	0	3	-	2.68	-S	
	Balmoral ...	9 9 927	15.7	6.9	11.3	+1.1	23.9	1	0.6	14	-	-	3.27	116	.70	28	19	13	0	0	0	0	1	-	0	2	1	-	-	-
	Logie Coldstone ...	9 9 608	16.4	7.4	11.9	+1.0	22.2	1	-1.1	29	-	-	2.68	-	.52	2	18	13	-	0	-	-	-	1	-	-	-	-	-	-
	Huntly ...	9 9 405	16.9	8.8	12.9	-	(22.0)	2	4.7	25	-	-	1.89	-	.32	23	17	12	-	-	-	-	-	-	0	0	-	-	-	-
	Fyvie Castle ...	9 9 218	16.9	7.7	12.3	-	22.2	2	2.2	25	-	-	2.44	-	.40	1	17	11	-	0	-	-	-	-	0	0	-	4.12	-	
	Craibstone ¶	9 9 300	16.1	9.1	12.6	+1.2	20.6	1	5.0	14	13.0	12.4	2.51	82	.36	25	19	14	0	0	0	0	2	0	0	0	1	4.31	100	
	Dyce ...	21-9 190	16.6	8.5	12.5	-	21.3	1	3.1	25	-	-	2.24	71	.36	2	16	12	0	0	0	0	1	0	0	1	1	4.28	-	
	Aberdeen ...	9 9 170	16.2	9.5	12.9	-	20.6	1	4.4	25	-	-	2.86	96	.72	2	17	13	0	0	0	0	1							

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER SEPTEMBER 1961

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 Max.	B Min.		Maximum	Date	Minimum	Date		Amount	Date																		
															Max. Min.	ft.													°C.	°C.	°C.
1 SCOTLAND, E.—cont.																															
Midlothian cont.	Penicuik ...	99	620	16.9	8.2	12.5	-	23.9	1	3.3	25	13.2	-	2.80	-	.62	2	19	15	0	0	0	0	0	0	0	0	1	3.51	-8	
	Bush House ...	99	605	16.6	8.9	12.7	-	21.7	1	5.0	25, 27, 29	13.2	12.7	2.48	-	.68	2	20	14	0	0	0	0	0	0	0	0	1	-	-	
	Edinburgh—																														
	Blackford Hill §§	99	441	17.1	10.6	13.9	+1.6	21.1	16	7.8	7, 24, 27	-	-	1.47	58	.23	12	17	12	0	0	0	0	0	0	0	0	1	3.66	86	
	Liberton ...	99	200	17.4	9.9	13.7	-	(21.7)	16	7.2	25, 27, 29	-	-	1.80	-	.68	2	12	11	0	0	0	0	0	0	0	0	0	4.26	-	
	Botanic Garden ...	99	74	17.4	9.9	13.7	-	22.2	16	5.6	21	13.2	-	2.16	-	.84	2	16	13	0	0	0	0	0	0	0	0	1	3.67	-	
E. Lothian	Haddington ...	99	162	18.2	9.6	13.9	-	23.3	16	5.0	25, 29	-	-	1.55	-	.45	1	14	9	0	0	0	0	0	0	0	0	1	3.90	-	
	North Berwick ...	99	51	17.8	10.6	14.2	+1.6	23.3	16	7.2	25	-	-	1.36	56	.21	1, 12	14	11	0	0	0	0	0	0	0	0	0	3.57	87	
	Dunbar ...	99	75	17.5	10.9	14.2	-	23.9	16	7.2	25	-	-	1.43	-	.44	1	10	7	0	0	0	0	0	0	0	0	0	4.58	-	
Berwick	Marchmont §§	99	498	17.2	8.9	13.1	+1.4	23.3	1	3.3	25	-	-	2.45	95	.60	1	17	12	0	0	1	0	0	0	0	0	0	3.73	988	
	St. Abb's Head ...	99	245	15.5	11.3	13.4	-	22.9	16	7.5	29	-	-	1.57	-	.37	1	14	9	0	0	0	0	0	0	0	0	1	-	-	
Peebles	Broughton ...	99	741	16.7	9.3	13.0	-	23.9	1	3.9	7, 9, 25	-	-	3.45	-	.63	6	21	16	0	0	1	0	0	0	0	0	1	-	-	
	Blyth Bridge ...	99	830	16.3	8.8	12.5	-	23.3	1	3.9	7	-	-	2.24	-	.34	12	21	15	0	0	0	0	0	0	0	3	1	3.35	-	
	West Linton ...	99	800	16.6	8.5	12.5	-	23.3	1	2.2	25	12.7	12.7	2.54	-	.43	12	19	15	0	0	0	0	0	0	0	0	1	-	-	
	Peebles ...	99	645	16.9	8.4	12.7	-	24.4	1	2.2	25	-	-	2.73	-	.85	11	16	14	0	0	0	0	0	0	0	1	2	3.56	-	
	Peebles (Glentress) ...	99	580	17.6	8.8	13.2	-	22.2	1, 2	0.6	25	-	-	2.10	-	.29	1	16	11	0	0	0	0	0	0	0	0	1	-	-	
Selkirk	Selkirk (Bowhill) ...	99	600	17.2	8.3	12.7	-	25.6	1	2.2	25	-	-	2.15	-	.51	12	21	15	0	0	0	0	0	0	0	2	-	-	-	
Roxburgh	Hawick (Wauchope) ...	99	560	17.9	8.5	13.2	-	24.4	1	3.9	25	-	-	3.47	-	.54	13	20	15	-	-	-	-	-	-	-	-	-	-	-	
	Sourhope ...	99	900	17.1	9.3	13.2	-	24.4	1	4.4	25	-	-	2.27	-	.30	7	17	14	0	0	0	0	0	0	0	1	2	4.11	-	
6a SCOTLAND, W.																															
Argyll	Tiree ... §§	21-9	29	15.0	10.7	12.9	+0.6	17.6	3	6.3	24	-	-	6.12	148	.99	26	24	23	0	0	0	0	0	0	0	0	1	3.79	92	
	Rhuvaal ...	21-9	65	15.4	10.7	13.1	-	19.7	2	6.9	29	-	-	7.22	-	1.05	25	26	21	0	0	0	0	0	0	0	0	2	-	-	
	Colonsay ...	99	87	15.8	9.9	12.9	-	19.4	1	6.1	21	-	-	6.98	140	.95	2	25	21	0	-	0	0	0	0	3	1	0	-	-	
	Campbeltown ...	99	10	16.4	10.6	13.5	-	21.7	9	6.1	7	-	-	4.83	-	.88	27	17	14	-	-	-	-	-	-	-	-	3.60	-		
	Tarbert (Achlaglach) §§	99	40	16.4	9.2	12.8	-	20.0	1, 2	3.3	7	-	-	6.16	-	1.16	25	24	23	0	0	0	0	0	0	0	0	0	-	-	
	Oban ...	99	229	15.6	10.2	12.9	-	20.0	2	7.2	24, 27	-	-	8.91	169	1.75	25	23	20	0	0	0	0	0	0	0	0	1	2	2.97	87
	Lephinmore ...	99	30	16.6	9.7	13.1	-	21.1	2	5.6	7	-	-	8.44	-	1.70	25	28	22	0	0	0	0	0	0	0	0	0	2.97	-8	
	Glenbranter ...	99	120	16.1	7.9	12.0	+0.3	20.0	1	2.2	7	-	-	11.10	134	2.15	25	26	24	-	-	-	-	-	-	-	-	-	-	-	
	Benmore (Forestry Sch.)	99	46	16.2	8.8	12.5	-	20.0	1, 2	3.3	7	13.1	13.0	11.14	136	1.56	25	26	22	0	0	0	0	0	0	0	1	2	-	-	
	Benmore (Younger Bot. Gdn.)	99	40	16.0	9.7	12.9	-	20.0	1, 2	5.0	7	-	-	11.28	-	1.60	25	26	24	0	0	0	0	0	0	0	0	1	-	-	
Bute	Lochranza ...	99	35	16.0	10.4	13.3	+1.0	20.6	1	7.8	24	13.4	12.9	6.75	134	1.10	25	27	23	0	0	0	0	0	0	0	0	1	3.21	86	
	Rothsay §§	99	150	16.1	10.4	13.3	+1.0	20.6	1	7.8	24	13.4	12.9	6.75	134	1.10	25	27	23	0	0	0	0	0	0	0	0	1	3.21	86	
	Millport ...	99	16	16.0	11.3	13.7	-	20.6	1	6.7	7, 8	-	-	8.01	194	1.70	2	23	21	0	0	0	0	0	0	0	0	1	-	-	
Dunbarton	Helensburgh ...	99	293	16.2	9.6	12.9	+0.8	20.0	1, 10	5.0	7	-	-	6.47	134	1.08	12	25	24	0	0	0	0	0	0	0	0	0	1	-	-
Stirling	Stirling ...	99	151	16.8	9.9	13.3	+0.9	22.2	1	6.7	29	13.6	13.3	4.82	141	.78	12	24	17	0	0	0	0	0	0	0	0	1	-	-	
	Falkirk ...	99	100	17.8	9.4	13.6	-	21.7	1	6.1	30	-	-	4.96	-	1.80	2	22	17	-	-	-	-	-	-	-	-	-	-	-	
Renfrew	Greenock ...	99	200	16.5	10.7	13.6	+1.0	20.0	1, 16	7.2	7	-	-	7.86	147	1.04	1	26	23	0	0	1	0	0	0	0	0	1	3.29	-	
	Paisley ...	99	106	17.4	10.7	14.1	+1.4	22.8	1	7.2	7	13.9	12.9	6.10	158	.91	28	22	19	0	0	0	0	0	0	0	0	1	3.93	104	
	Barrhead ...	99	97	16.9	9.9	13.4	-	22.2	1	3.9	7	-	-	7.22	-	1.56	2	22	19	0	0	0	0	0	0	0	0	1	-	-	
Lanark	Renfrew ... §§	21-9	26	17.2	9.8	13.5	+1.3	22.6	1	3.8	18	-	-	5.37	150	1.05	28	23	19	0	0	0	0	0	0	0	0	1	3.64	99	
	Thorntonhall ...	99	453	16.2	9.4	12.8	-	22.8	1	5.0	7	-	-	5.93	-	.76	14	21	18	0	0	0	0	0	0	0	0	1	0	-	-
	Glasgow, Spr. Pk. ...	99	351	16.6	9.8	13.2	-	22.2	1	5.6	7	-	-	6.67	186	1.56	2	24	21	0	0	0	0	0	0	0	0	1	3.34	-	
	Coatbridge ...	99	256	16.6	9.8	13.2	-	22.2	1	5.6	7	-	-	6.67	186	1.56	2	24	21	0	0	0	0	0	0	0	0	1	3.34	-	
	Coalburn (Midtown) ...	99	707	16.2	8.5	12.3	-	22.5	1	4.0	24	12.9	-	3.81	-	.55	12	22	16	0	0	0	0	0	0	0	0	1	3.65	-	
	Lowther Hill ...	-	2377	11.7	6.5	9.1	-	19.0	1	1.5	7	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	7	1.88	-		
	Leadhills ...	99	1270	15.5	8.6	12.1	-	23.9	1	3.3	7, 18, 25	-	-	7.72	-	1.49	12	25	18	0	0	0	0	0	0	0	0	1	-	-	
	Carnwath ...	99	706	16.4	8.7	12.5	-	23.3	1	3.9	7, 25	-	-	3.29	-	.97	2	23	13	0	0	1	0	0	0	0	0	1	-	-	
Ayr	Colmonell ...	99	170	17.0	10.8	13.9	+1.0	20.6	1	6.1	7	-	-	6.20	-	.60	12	25	22	-	-	-	-	-	-	-	-	3.69	-		
	Turnberry ...	99	25	17.0	10.8	13.9	+1.																								

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER SEPTEMBER 1961

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	Per-centage of Average		
					A	B			Maximum	Date	Minimum	Date	-40in. (0.2mm.) or more	-40in. (1.0mm.) or more																		
					Max. Min.	Max. Min.			°C.	°C.	°C.	°C.	°C.	°C.				1 ft.	4 ft.												in.	%
G.M.T.			ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.											hr	%						
4 MIDLAND COUNTIES—cont.																																
Yorks.,	Ilkley ...	99	315	18.4	10.2	14.3	+1.4	24.4	1	3.9	25	-	-	3.61	123	1.89	2	14	13	0	0	0	0	0	0	0	0	3.77	97			
W. Riding—	Sheffield ...	99	429	19.3	11.3	15.3	+1.6	25.6	1,2	5.6	25	14.6	14.2	2.09	90	.97	3	14	13	0	0	0	1	2	0	0	0	4.45	114			
cont.	Wakefield ...	99	121	20.3	10.4	15.3	+1.5	25.6	16	3.3	25	14.1	13.5	1.40	68	.26	3	13	9	0	0	0	2	5	0	2	0	-	-			
	Killinghall ...	99	365	18.3	9.6	13.9	-	26.1	1	4.4	9	14.0	-	1.67	-	.37	12	13	11	-	-	-	2	5	0	1	-	-	3.64			
	Pontefract ...	99	255	18.8	10.5	14.7	+1.3	23.9	16,19	3.3	29	-	-	1.37	69	.27	6	12	10	0	0	0	1	2	0	0	0	-	-	-		
	Bramham ...	99	177	18.8	9.4	14.1	-	24.4	1,16	3.3	25	-	-	2.49	-	.96	2	17	12	0	0	0	2	4	0	0	0	-	-	3.91		
	Cawood ...	99	20	19.3	9.2	14.3	-	24.4	1,16	1.7	25	14.8	14.7	1.59	78	.42	2	11	8	0	0	0	2	2	0	2	0	-	-	3.85		
Derby	Askham Bryan ...	99	110	19.0	9.7	14.3	-	24.4	16	3.9	25	-	-	2.88	133	1.35	2	16	12	0	0	0	2	2	0	0	0	-	-	3.79		
	Buxton ...	99	1007	16.7	9.1	12.9	+1.2	25.0	2	2.2	25	13.8	13.8	3.26	83	.82	3	18	12	0	0	0	2	6	0	1	0	-	-	-		
	Chapel en le Frith	99	732	18.1	9.8	13.5	-	26.7	2	1.1	25	-	-	2.33	-	.50	6	14	12	0	0	0	3	0	0	2	0	-	-	-		
	Wirksworth ...	99	585	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	Mackworth ...	99	283	19.1	10.1	14.6	-	25.6	2	1.1	25	-	-	1.50	-	.25	10	12	10	0	0	0	1	1	0	2	0	-	-	-		
	Belper ...	99	203	19.7	9.5	14.6	+1.2	24.4	19	1.7	25	-	-	2.02	85	.35	27	14	13	0	0	0	0	0	0	0	-	-	-	-		
	Derby ...	99	159	19.9	10.8	15.3	-	27.2	2	2.2	25	-	-	1.44	-	.34	11	13	8	0	0	0	0	1	0	2	0	-	-	4.04		
	Morley ...	99	350	19.0	10.4	14.7	-	25.0	1,2	2.2	25	-	-	1.34	-	.25	26	14	9	0	0	0	1	-	0	2	1	-	-	4.03		
	Chesterfield ...	99	298	19.2	9.2	14.2	-	25.0	1	2.2	25	-	-	1.72	-	.78	3	14	9	0	0	0	0	11	0	-	0	-	-	-		
Nottingham	Sutton Bonington	99	157	19.7	10.2	14.9	+1.4	26.7	2	0.6	25	14.5	14.3	1.25	67	.50	26	8	7	0	0	0	0	0	0	2	0	-	-	4.32	105	
	Watnall ...	21-9	385	19.4	10.6	15.0	-	26.1	1	3.1	25	-	-	1.27	57	.34	26	11	9	0	0	0	2	1	0	2	0	-	-	4.11	-	
	Mansfield ...	99	362	18.9	10.8	14.9	+1.4	25.0	1	4.4	25	14.7	-	1.32	62	.26	6	11	9	0	0	0	0	4	0	0	0	-	-	-	-	
	Nottingham %	99	192	19.8	11.2	15.0	+1.0	26.1	2	3.9	25	15.4	15.2	1.67	84	.40	26	11	9	0	0	0	1	1	0	0	0	-	-	4.18	103	
	Warsop (Gleadthorpe)	99	150	19.3	9.1	14.2	-	26.1	2	0.6	25	-	-	.96	53	.20	3	11	10	0	0	0	1	4	1	4	0	-	-	4.21	-	
	Finningley ...	21-9	34	19.2	10.7	14.9	-	25.3	16	4.2	25	-	-	1.39	-	.53	3	10	8	0	0	0	2	2	0	0	0	-	-	4.09	-	
	Langar ...	21-9	106	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Leicester	Newtown Linford	99	388	19.3	9.4	14.3	-	27.2	2	1.7	25	-	-	1.41	-	.34	26	11	8	0	0	0	0	1	1	0	2	0	-	-	4.49	-
	Leicester (Towers)	99	267	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Caldecott ...	99	175	20.9	9.4	15.1	-	27.8	2	0.0	25,26	-	-	1.57	-	.60	26	10	8	-	0	-	-	-	1	2	2	-	-	4.12	-	
Northampton	Wellingborough ...	99	298	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Raunds ...	99	193	20.7	10.2	15.4	-	28.3	2	3.9	25,26	16.2	14.6	1.30	63	.29	13	11	8	-	0	-	-	-	1	0	0	-	-	-	-	
	Wittering ...	21-9	212	19.9	10.9	15.4	-	27.0	2	4.7	26	-	-	1.65	-	.38	5	10	8	0	0	0	2	3	0	1	0	-	-	4.60	-	
Warwick	Birmingham K.E.S.	99	450	18.8	11.2	15.0	-	27.2	2	3.9	25	-	-	2.93	-	1.15	3	10	9	0	0	0	0	0	0	0	-	-	-	-	-	
	Birmingham %	21-9	536	18.6	11.7	15.1	+1.4	27.4	2	6.2	25	13.6	13.0	2.70	108	.72	3	13	9	0	0	0	3	0	0	1	0	-	-	4.21	105	
	Luddington ...	99	138	20.1	10.1	15.1	-	29.4	2	2.2	26	-	-	2.36	111	.55	26	15	10	0	0	0	1	0	0	1	0	-	-	4.28	-	
	Stratford on Avon	99	180	20.6	9.9	15.2	-	28.9	2	1.1	25	16.4	-	2.26	-	.49	26	13	10	0	0	0	1	0	0	3	0	-	-	4.34	-	
	Birmingham Airport*	21-9	319	19.2	10.3	14.7	-	27.9	2	0.7	25	-	-	2.04	94	.42	26	13	11	0	0	0	1	2	3	0	1	0	-	-	4.49	-
	Shipston on Stour	99	365	19.7	10.4	15.1	-	28.3	2	3.9	25	15.2	-	2.51	-	.54	10	15	10	0	0	0	1	2	0	4	-	-	-	4.60	-	
	Wellesbourne	99	153	19.9	10.6	15.3	-	28.9	2	2.8	26	15.9	15.6	3.16	139	.73	26	11	11	0	0	0	0	2	0	2	1	0	-	-	4.31	-
	Moreton Morrell...	99	280	19.8	10.8	15.3	-	28.9	2	2.8	25	-	-	2.56	-	.58	26	11	11	0	0	0	2	1	0	2	1	0	-	-	4.17	-
	Coventry...	99	338	19.7	9.8	14.7	+0.7	27.2	2	3.9	25	14.0	13.1	2.13	96	.57	26	13	11	0	0	0	0	0	0	-	0	-	-	-	-	
	Rugby ...	99	385	19.3	10.7	15.0	-	27.8	2	3.3	25	15.3	15.2	2.20	-	.64	26	12	9	0	0	0	0	0	0	0	-	-	-	-	-	
Oxford	Oxford ... %	99	208	20.4	11.5	15.9	+1.5	28.3	2	6.1	26	16.4	15.9	2.24	102	.74	13	16	10	0	0	0	2	2	0	0	0	-	-	4.53	102	
Buckingham	Aylesbury ...	99	316	19.8	11.1	15.5	-	28.3	2	4.4	26	-	-	2.37	-	.78	13	11	10	0	0	0	1	0	2	7	0	2	0	-	4.67	-
Stafford	Keele ...	99	587	18.1	10.5	14.3	-	25.0	1,2	3.3	25	14.3	13.7	3.15	117	1.08	3	17	13	0	0	0	2	0	0	0	0	-	-	4.08	-S	
	Oaken ...	99	409	19.2	9.7	14.5	+1.3	28.3	2	1.7	25	14.6	-	2.01	-	.30	13	12	12	-	-	-	-	-	0	6	-	-	-	-	-	
	Wheaton Aston ...	99	365	18.8	9.3	14.1	-	22.8	1,2	0.6	25	14.7	-	2.08	-	.65	29	15	12	0	0	0	0	0	0	-	0	-	-	4.06	-	
	Stone ...	99	350	18.5	9.5	14																										

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER SEPTEMBER 1961

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 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.		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	%		
5 ENGLAND, S.E.—cont.																													
Surrey																													
Wisley ...	9 9	150	20.8	11.1	15.9	+1.5	28.9	2	4.4	26	16.6	15.8	2.52	130	.46	13	18	13	0	0	0	0	1	3	0	0	1	4.63	101
Mickleham ...	9 9	179	20.6	10.6	15.6	-	29.4	2	4.4	8	-	-	2.74	122	.76	13	18	13	0	0	0	0	1	2	0	1	0	-	-
Kew Observatory	21-9	18	19.7	12.9	16.3	+1.4	26.9	2	8.1	10	16.5	15.8	2.31	117	.55	13	16	12	0	0	0	0	1	1	0	0	0	4.34	93
Gatwick ...	21-9	192	20.9	10.5	15.7	-	31.6	2	3.4	10	-	-	2.58	-	.64	13	18	13	0	0	0	0	1	3	0	0	0	4.59	-
Croydon (Waddon)	9 9	220	20.5	12.1	16.3	+1.5	28.3	2	7.2	8,9	-	-	2.44	115	.67	13	17	13	-	-	-	-	-	-	-	-	-	-	-
Addington ...	9 9	474	19.7	11.9	15.8	+1.6	27.2	2	6.7	7	-	-	2.88	129	.89	13	19	14	-	-	-	-	1	0	-	-	-	-	-
Bromley ...	9 9	213	20.4	12.2	16.3	+1.5	26.7	2	7.2	8	-	-	2.28	118	.44	13	16	13	-	-	-	-	4	0	-	-	-	-	-
Swanley ...	9 9	177	20.5	10.8	15.7	-	26.7	19	3.9	10	16.1	-	2.55	-	.78	13	16	11	0	0	0	0	0	2	0	0	0	4.14	-
Dartford ...	9 9	17	20.6	11.7	16.1	-	27.2	19	5.6	10	-	-	2.19	122	.47	13	16	11	0	0	0	0	2	1	0	-	-	-	-
Tunbridge Wells	9 9	351	20.2	11.0	15.6	+1.4	28.9	2	4.4	8	16.4	16.4	2.30	105	.53	13	16	13	0	0	0	0	1	2	0	0	0	4.66	92
Goudhurst ...	9 9	280	20.3	10.8	15.5	-	27.2	2	4.4	10	-	-	2.34	96	.49	13	17	14	0	0	0	0	2	3	0	3	0	-	-
East Malling	9 9	122	20.9	10.9	15.9	+2.1	28.3	2	3.9	10	-	15.9	2.06	99	.49	13	16	13	0	0	0	0	2	2	0	0	0	4.36	88
Benenden ...	9 9	195	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gillingham ...	9 9	10	20.8	12.1	16.4	-	27.8	19	6.1	10	-	-	1.79	-	.30	13	15	13	0	0	0	0	5	0	-	-	3	3.59	-
Sittingbourne ...	9 9	224	20.4	11.5	15.9	-	27.2	19	6.7	9,10	16.2	15.5	2.24	-	.58	16	14	12	0	0	0	0	2	3	0	0	0	4.55	-
Isle of Grain ...	9 9	9	20.4	13.1	16.7	-	27.2	19	9.4	7,8,9	-	-	1.34	-	.24	3	13	11	0	0	0	0	3	0	0	0	3.87	-	
Throwley ...	9 9	493	20.4	11.2	15.8	-	27.2	2	6.7	10	16.3	15.2	2.07	-	.57	13	13	11	0	0	0	0	0	3	0	1	0	4.35	-
Faversham ...	9 9	157	20.1	11.7	15.9	-	27.2	19	5.6	10	16.6	16.1	1.85	-	.35	13	12	10	0	0	0	0	2	3	0	0	0	4.42	-
Dungeness ...	21-9	10	19.5	13.7	16.6	-	22.7	3	6.7	8	-	-	3.19	158	.64	13	11	10	0	0	0	0	2	4	0	-	1	-	-
Wye ...	9 9	185	20.9	11.8	16.3	+2.0	28.9	2	4.4	10	-	-	2.14	94	.39	29	12	11	0	0	0	0	1	4	0	0	0	4.81	91
Whitstable ...	9 9	9	20.3	12.4	16.3	-	28.3	19	6.1	26	-	-	1.97	114	.42	19	12	10	0	0	0	0	3	2	0	-	0	4.47	-
Folkestone ...	9 9	128	20.3	14.1	17.2	-	23.3	3,16,18	8.9	7	-	16.3	4.84	226	1.39	19	12	10	0	0	0	0	3	3	0	0	0	5.02	-
Wingham (Elmstone)	9 9	28	20.6	11.4	16.0	-	28.9	19	3.9	10	-	-	3.11	-	1.34	19	14	9	-	-	-	-	2	0	0	-	-	-	-
Herne Bay ...	9 9	21	20.6	13.8	17.2	-	27.8	19	8.9	10	-	-	2.30	128	.77	19	10	9	0	0	0	0	3	2	0	-	0	4.19	-
Dover ...	9 9	19	19.8	13.9	16.9	+1.7	23.3	16	8.3	10,26	17.7	17.5	4.06	179	1.05	3	10	10	0	0	0	0	3	3	0	0	0	4.42	-8
Dover R.M.S. ...	9 9	402	19.5	14.3	16.9	-	25.6	19	9.4	7	-	-	2.75	128	.73	3	13	10	0	0	0	0	2	5	0	-	-	4.47	81
Deal ...	21-9	18	19.7	14.0	16.9	-	26.0	19	7.7	10	-	-	2.69	-	.80	3	10	8	0	0	0	0	1	4	0	0	0	-	-
Ramsgate ...	9 9	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manston ...	21-9	145	20.0	12.8	16.4	-	28.3	19	8.2	21	-	-	2.88	-	.78	19	12	10	0	0	0	0	3	5	0	0	0	-	-
Margate ...	9 9	51	19.3	14.4	16.8	+1.2	27.2	19	11.1	7	16.7	16.3	3.01	154	1.01	3	11	9	0	0	0	0	2	6	0	0	0	4.57	80
Thornley Island	21-9	10	20.1	12.4	16.3	-	26.1	2	6.3	26	-	-	2.58	123	.84	3	13	11	0	0	0	0	2	1	0	0	0	4.92	-
Bognor Regis ...	9 9	24	19.1	13.4	16.3	+1.4	25.0	18	7.8	8,26	-	16.7	2.72	123	.68	30	14	10	0	0	0	0	0	1	0	0	0	5.05	92
Littlehampton ...	9 9	15	20.1	12.7	16.4	+1.6	25.6	18	7.2	8,26	-	16.8	2.45	113	.50	12	14	12	0	0	0	0	0	0	0	0	0	5.26	96
Rustington ...	9 9	10	19.8	11.7	15.7	-	25.6	3	5.0	9,26	-	15.4	2.19	-	.48	13	14	11	-	-	-	-	-	0	0	0	-	4.81	-
Worthing ...	9 9	25	20.0	13.6	16.8	+1.6	25.6	18	7.8	7	16.8	16.2	2.20	102	.48	12	15	12	0	0	0	0	0	0	1	0	0	5.48	97
Brighton ...	9 9	32	19.9	13.9	16.9	-	26.1	2,18	8.3	26	-	16.8	2.49	115	.46	6	14	12	0	0	0	0	1	0	0	0	0	5.29	-
East Grinstead ...	9 9	440	21.0	9.9	15.5	-	29.4	2	4.4	10,11	-	15.7	2.73	-	.70	13	15	12	0	0	0	0	2	2	0	1	1	-	-
Seaford ...	9 9	45	20.1	12.8	16.5	-	27.2	2	7.2	8,26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.21	-	
Eastbourne ...	9 9	35	19.4	13.4	16.4	+1.2	23.9	18	8.9	7,10,26	17.6	16.9	2.54	101	.49	13	15	11	0	0	0	0	2	3	0	0	0	5.31	96
Eastbourne (C/guard)	21-9	17	20.1	13.1	16.5	-	24.0	16,18	6.2	21	-	-	2.02	-	.53	13	12	10	0	0	0	0	1	3	0	0	0	-	-
Bexhill ...	9 9	14	19.5	13.6	16.5	+1.5	25.6	18	7.8	7,8	17.4	-	2.85	128	.46	5,13	14	11	0	0	0	0	1	5	0	0	1	4.94	-
Sedlescombe ...	9 9	175	20.3	11.7	16.0	-	25.6	2	5.6	7	-	-	2.65	-	.53	13	17	12	0	0	0	0	1	3	0	0	0	-	-
Bodiam ...	9 9	73	20.8	11.2	16.0	-	27.2	2	3.9	10	16.6	15.5	2.70	-	.54	3	11	11	-	-	-	-	-	5	0	-	-	4.27	-
Hastings ...	9 9	149	19.9	13.9	16.9	+1.7	25.0	18	7.8	7	17.3	16.8	2.81	128	.71	13	14	11	0	0	0	0	2	3	0	0	1	5.14	94
Berkshire																													
Letcombe Regis	9 9	350	19.9	10.0	14.9	-	30.6	1	2.8	25	-	-	2.69	-	.54	13	16	14	0	0	0	0	2	1					

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER SEPTEMBER 1961

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				Rainfall			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	Total Fall	Percentage of Average	Amount	Date	-0.1in. (0.2mm.) or more	-0.01in. (1.0mm.) or more																	
			Max. Min.									1 ft.	4 ft.																			
G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.												hr	%					
7a ENGLAND, N.W.																																
Cumberland	Sellafield...	99	43	18.1	11.2	14.6	-	25.6	2	5.0	9	-	-	3.97	93	1.19	12	22	16	-	0	0	0	0	0	0	0	3	-	3.66	-	
	Carlisle...	21-9	86	17.9	10.7	14.3	-	25.6	1	6.8	9	-	-	3.75	-	.90	2	19	16	0	0	1	0	0	0	0	0	0	0	4.22	-	
Westmorland	Newton Rigg ¶§	99	560	17.6	9.9	13.7	+1.8	26.7	1,2	3.3	9	13.6	-	2.41	77	.47	13	15	13	0	0	0	0	0	0	0	0	0	4.03	107		
	Spadeadam...	99	900	16.4	9.2	12.8	-	25.0	1	5.6	25	12.5	12.2	3.63	-	.63	15	19	16	0	0	1	0	0	0	0	0	3	3.47	-		
Lancashire	Ambleside...	99	151	18.1	9.9	14.0	-	27.8	1	4.4	25	-	-	7.29	107	2.01	12	22	17	0	0	0	0	0	0	0	0	0	2.53	-		
	Great Dun Fell...	-	2780	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.93	-			
	Moor House...	99	1840	14.5	7.3	10.9	-	23.9	1	1.1	9	11.2	-	5.12	-	.87	13	21	14	0	0	0	0	0	0	0	0	3	3.34	-		
	Barrow-in-Furness	99	55	18.3	12.1	15.2	-	26.7	2	7.2	25	14.8	-	2.76	-	.71	12	17	14	0	0	0	0	0	0	0	0	-	-	-		
	Squires Gate...	21-9	33	18.7	11.4	15.1	-	26.8	2	4.1	18	-	-	4.62	140	.52	12	14	12	0	0	0	0	0	0	0	0	2	4.62	-		
	Urswick...	99	130	18.6	10.8	14.7	-	27.2	1,2	4.4	25	-	-	3.24	-	.76	12	17	13	0	0	0	0	0	0	0	5	3	0	-		
	Poulton-le-Fylde	99	38	-	10.6	-	-	-	-	5.6	18	-	-	2.28	-	.55	12	14	10	0	0	0	0	0	0	0	0	1	0	-		
	Grizedale...	99	300	17.8	8.9	13.3	-	26.7	1,2	3.3	25	-	-	6.78	-	1.59	12	21	18	0	0	0	0	0	0	0	1	1	0	-		
	Speke...	21-9	80	18.9	11.6	15.3	-	26.9	2	4.8	18	-	-	3.27	116	.62	4	17	13	0	0	0	0	0	0	0	3	1	0	3	4.36	
	Kirkham...	99	77	18.9	11.2	15.1	-	27.2	2	5.6	7,18,25	-	-	4.13	112	.65	2	15	13	0	0	0	0	0	0	0	0	1	0	0	4.54	
	Garstang...	99	68	18.6	11.1	14.9	-	27.2	1,2	5.0	7	-	-	3.84	-	.53	12	17	13	0	0	0	0	0	0	0	0	-	-	4.33	-	
	Morecambe...	99	24	18.7	11.3	15.0	+1.3	28.3	1	5.6	25	-	-	3.71	96	.90	2	18	13	0	0	0	0	0	0	0	0	-	-	4.14	95	
Cheshire	Preston (Moor Pk.)	99	108	18.9	11.4	15.1	-	27.2	1,2	3.9	25	-	-	4.73	123	1.28	2	17	11	0	0	1	0	0	0	0	0	2	2	0	1	-
	Bolton...	99	352	18.5	9.8	14.1	+0.9	27.8	2	2.8	25	13.8	13.0	4.18	-	.94	29	19	14	0	0	0	0	0	0	0	0	5	0	4.34	-	
	Darwen...	99	724	17.7	10.2	13.9	+1.4	26.7	2	5.6	7,25,29	14.3	13.7	4.93	101	.99	29	21	15	0	0	0	0	0	0	0	0	-	-	-	-	
	Stonyhurst ¶§	99	377	18.3	10.5	14.4	+1.6	27.2	1,2	4.4	25	-	-	3.89	85	.69	29	17	13	0	0	0	0	0	0	0	-	-	3.86	99		
	Manchester Weather Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.17	-		
	Helmshore...	99	854	17.3	10.3	13.8	-	26.1	2	4.4	25	13.4	-	5.03	-	1.00	29	20	14	0	0	0	0	0	0	0	0	-	-	4.25	-	
7b NORTH WALES	Manchester (Smokeless Zone)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Burnley...	99	655	17.7	10.2	13.9	-	27.2	2	3.3	25	13.9	12.8	4.13	-	1.13	2	16	13	0	0	1	0	0	0	0	0	0	1	3.79	-	
	Nelson...	99	540	17.9	10.4	14.1	-	27.8	2	3.3	25	14.3	13.4	4.33	108	1.63	2	20	13	0	0	0	0	0	0	0	0	0	-	3.86	-	
	Rochdale...	99	362	18.8	10.0	14.4	-	28.3	2	2.2	25	-	-	3.85	-	1.13	2	17	15	0	0	0	0	0	0	0	0	0	0	3.87	-	
	West Kirby Park	99	17	19.3	11.4	15.3	-	27.8	1,2	4.4	18,25	-	-	2.99	-	.68	4	17	14	0	0	0	0	0	0	0	0	0	-	4.43	-	
	Bidston Obs'y. ¶§	99	198	18.2	11.7	14.9	+1.3	26.7	1	7.2	25	-	-	2.62	100	.71	4	19	12	0	0	0	0	0	0	0	0	-	-	4.81	109	
	Northwich (Winnington)	99	65	19.2	11.3	15.3	-	27.8	2	3.9	25	-	-	2.58	95	.42	29	17	11	0	0	0	0	0	0	0	0	1	-	-	-	
	Manchester Airport ¶§	21-9	248	18.9	11.3	15.1	+1.7	28.4	2	4.5	25	-	-	3.42	128	1.48	2	14	12	0	0	0	0	0	0	0	0	3	1	0	4.53	125
	Macclesfield...	99	500	18.7	10.9	14.8	+1.8	28.3	1,2	4.4	25	-	-	2.66	86	.65	6	14	11	0	0	0	0	0	0	0	0	2	1	-	-	-
	7b NORTH WALES	Flint Rhyl...	99	31	19.2	11.3	15.3	+1.4	30.0	1	4.4	25	-	-	1.63	62	.31	4	15	12	0	0	0	0	0	0	0	0	0	3	4.81	109
Prestatyn...		99	12	19.3	11.9	15.6	-	29.4	1	5.0	18	-	-	2.12	78	.37	4	15	14	0	0	0	0	0	0	0	0	-	-	-	-	
Hawarden Bridge		99	17	19.6	10.8	15.2	+1.4	27.8	1,2	2.8	18,25	-	-	2.67	114	.79	4	16	12	0	0	0	0	0	0	0	0	0	-	-	-	
Holyhead (Valley)		21-9	26	17.6	12.5	15.1	+1.1	25.9	1	6.9	25	-	-	3.41	108	.84	30	19	13	0	0	1	0	0	0	0	0	3	4.62	100		
Colwyn Bay...		99	118	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Alwen...		99	1100	16.9	7.7	12.3	-	27.8	2	-1.7	25	-	-	2.68	-	.37	12	21	15	0	0	0	0	0	0	0	0	3	4	-	-	
Ruthin...		99	248	19.2	9.7	14.5	-	28.9	2	3.3	25	-	-	2.53	-	.56	6	16	13	0	0	0	0	0	0	0	-	-	-	-	-	
Bwlchgwyn...		99	1267	15.3	8.3	11.8	-	27.2	2	-0.5	25	12.5	-	3.28	-	.51	6	19	16	0	0	0	0	0	0	0	0	4	1	2	-	
Ruabon...		99	312	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Wrexham...		99	275	19.1	10.0	14.5	-	27.8	1,2	2.2	27	14.9	14.7	2.38	-	.38	27	18	14	0	0	0	0	0	0	0	0	3	0	-	-	-
Caernarvon		Bardsey Island...	21-9	60	17.1	12.5	14.8	-	24.0	1	10.0	24,25	-	-	4.10	-	1.20	12	19	18	0	0	0	0	0	0	0	0	-	-	-	-
Botwnnog...		99	112	18.2	11.7	14.9	-	27.8	1	5.0	25	15.8	15.1	4.29	-	1.20	12	21	17	0	0	0	0	0	0	0	0	2	4	7.1	-	
Merioneth	Bryn Adda...	99	275	18.7	11.7	15.2	-	27.2	1	6.7	25	-	-	4.06	-	.81	12	19	16	0	0	0	0	0	0	0	0	1	1	0	5	4.51
	Cwm Dyli...	99	324	18.4	11.0	14.7	-	30.0	1	2.8	25	14.6	-	13.10	-	2.72	12	22	20	0	0	0	0	0	0	0	0	2	-	-	-	
	Aber...	99	60	19.4	11.9	15.7	+1.7	24.4	1	6.1	18	-	-	3.61	92	.58	2	18	16	0	0	0	0	0	0	0	0	1	4	5.9	112	
	Llandudno ¶§	99	13	18.7	12.3	15.5	+1.3	26.1	1	6.7	25	-	-	1.51	56	.26	12	16	11	0	0	0	0	0	0	0	0	1	4	7.8	109	
	Llyn Stwlan...	99	1656	14.4	-	-	-	25.6	1	-	-	-	-	9.82	-	1.52	12	22	20	0	0	0	0	0	0	0	-	-	-	-	-	
	Blaenau Ffestiniog	99	750	17.6	11.2	14.4	-	28.9	1	4.4	25	-	-	6.62	-	.91	12	24	20	0	0	0	0	0	0	0	0	1	0	0	3.14	-
Montgomery	Corwen...	99	473	18.9	7.4	13.1	-	28.9	1,2	-1.1	18,25	-	-	2.49	-																	

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER SEPTEMBER 1961

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 (0.1 in. (2.5 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	Per-cent. age of Average				
				A Max.	B Min.		Maximum	Date	Minimum	Date		1 ft.	4 ft.															Amount	Date	0.1 in. (2.5 mm.) or more	0.01 in. (0.25 mm.) or more
				Max.	Min.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
8b ENGLAND, S.W.																															
Somerset	Hawkrig (Liscombe)	99	1030	17.1	9.8	13.5	-	25.0	1,2	3.3	9,26	-	-	2.94	-	.67	13	16	14	-	0	-	-	-	3	0	0	0	0	-	-
	Cannington	99	95	19.9	11.7	15.8	-	28.9	2	3.9	26	16.3	-	2.20	86	.66	13	11	8	0	0	0	0	1	2	0	0	0	4.63	-	
	Weston-s-Mare	99	28	20.0	12.5	16.3	-	28.3	2	7.2	8,9	-	-	2.34	78	.47	13	12	9	0	0	0	0	1	1	0	0	0	4.73	100	
	Long Ashton	99	162	19.9	11.6	15.7	+1.6	28.3	2	5.6	8,25,26	16.5	-	2.49	78	.82	13	12	10	0	0	0	0	0	0	0	0	0	4.21	90	
	Bath (City Boys' School)	99	388	19.2	11.2	15.2	-	27.2	2	4.4	9,26	-	-	1.94	-	.54	13	13	9	0	0	0	0	1	0	0	0	0	2	-	-
Dorset	Bath	99	67	20.5	11.4	15.9	+1.4	28.9	2	3.3	26	16.9	16.2	1.85	73	.50	13	13	10	0	0	0	0	0	0	0	0	0	4.79	103	
	Portland Bill	21-9	35	18.4	14.2	16.3	+1.0	21.6	3	10.5	26	-	-	2.14	100	.58	13	13	9	-	0	-	-	1	2	0	-	2	-	-	
	Weymouth	99	16	19.5	13.3	16.4	+1.1	24.4	18	6.7	26	-	-	2.47	99	.51	12	15	11	-	0	-	-	-	-	1	0	-	4.97	96	
	Shaftesbury	99	680	18.5	10.8	14.7	+1.1	27.2	2	2.8	26	-	-	2.51	94	.67	13	15	12	-	0	-	-	-	-	1	0	-	-	-	
	Swanage	99	37	18.9	12.7	15.8	-	23.9	18	7.2	9	-	16.4	2.75	-	.55	12,13	13	12	0	0	0	0	2	2	0	0	0	4.58	-	
Devon	Poole	99	18	20.4	11.1	15.7	-	26.7	18	4.4	8,26	-	-	2.83	-	.74	4	14	10	0	0	0	0	2	0	0	0	0	4.57	-	
	Hartland Pt.	21-9	298	17.7	13.1	15.4	-	24.4	1	8.2	26	-	-	3.91	-	1.08	30	13	9	0	1	0	0	0	0	0	0	4	4.90	-	
	Plymouth (Mt. Batten)	87	18.3	12.5	15.4	+0.7	23.8	2	5.2	26	-	-	-	3.03	105	.78	13	15	12	0	0	0	0	1	0	0	0	0	4.85	95	
	Plymouth (The Hoe)	99	119	18.8	12.6	15.7	+0.8	26.1	2	6.1	26	16.6	16.3	3.16	109	.76	13	14	11	0	0	0	0	1	0	0	0	1	5.02	98	
	Tavistock	99	457	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cornwall	Chivenor	21-9	20	19.6	12.5	16.1	-	27.8	2	5.5	26	-	-	2.72	-	.53	30	15	10	0	0	0	0	1	0	0	0	0	4.82	-	
	Ilfracombe	99	25	18.9	13.8	16.3	+1.2	23.9	2	8.9	25	16.9	16.6	4.04	121	.96	29	15	14	0	0	0	0	0	0	0	0	0	4.98	106	
	Princetown	99	1359	-	-	-	-	-	-	-	-	-	-	6.90	104	1.70	12	18	17	-	-	-	-	-	-	-	-	-	-	-	
	Totnes	99	120	19.8	10.7	15.3	-	23.3	3,23	1.7	26	16.0	15.1	3.62	104	.90	13	17	14	0	0	0	0	0	3	0	4	0	4.33	-	
	Slapton	99	104	18.8	12.1	15.5	-	21.1	23	6.1	8,9,26	-	-	2.93	-	.76	29	15	13	0	0	0	0	0	2	0	0	2	-	-	
Devon	Newton Abbot	99	272	19.1	11.6	15.3	+0.9	22.8	23	4.4	26	-	-	2.85	96	.73	13	16	13	0	0	0	0	0	2	0	0	1	3.96	79	
	Paignton	99	8	19.4	12.3	15.9	-	21.7	18	6.1	26	-	-	2.43	84	.62	13	14	9	0	0	0	0	0	2	0	1	1	3.87	77	
	Torquay	99	26	19.0	12.6	15.8	+0.8	22.2	3	7.2	8,26	-	17.2	2.19	83	.62	13	15	10	0	0	0	0	0	3	0	0	2	4.34	83	
	Teignmouth	99	20	18.9	13.1	16.0	+0.9	22.8	3	7.2	26	-	-	2.42	95	.59	13	15	9	0	0	0	0	0	2	0	0	2	4.07	78	
	Starcross	99	29	19.1	11.7	15.4	-	25.0	3	5.0	26	16.3	-	2.38	-	.56	29	15	11	0	0	0	0	0	2	0	2	2	4.34	-	
Cornwall	Exeter (Southam)	99	160	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Exmouth	99	195	18.2	12.0	15.1	+0.8	22.2	18	5.0	26	-	-	2.39	88	.57	13	14	9	0	0	0	0	0	2	0	0	0	4.08	86	
	Exeter	21-9	106	19.3	11.5	15.4	-	24.3	18	3.3	26	-	-	1.92	74	.61	29	14	8	0	0	0	0	0	1	0	0	0	4.03	-	
	Sidmouth	99	25	18.8	12.6	15.7	+1.1	23.9	18	6.7	26	-	-	2.74	-	.49	12,29	11	11	-	0	-	-	-	1	0	0	-	4.13	-	
	St. Mary's, Scilly	21-9	158	18.3	13.3	15.8	+0.8	21.1	1	9.4	26	-	-	4.10	167	.78	27	16	9	0	0	0	0	0	2	0	0	3	4.87	94	
Cornwall	Penzance	99	62	18.6	11.8	15.2	+0.1	22.2	2	5.0	26	-	-	4.53	144	.96	12	17	14	0	0	0	0	1	0	0	2	2	5.32	105	
	Gulval	99	50	18.3	12.3	15.3	+0.5	21.7	1,2	6.1	26	-	-	4.11	-	.92	12	16	15	-	0	-	-	-	0	0	-	-	5.32	105	
	Culdrose	99	288	17.7	11.8	14.7	-	21.7	2	6.1	25,26	-	-	3.58	-	.86	13	13	11	0	0	0	0	0	3	0	0	0	4.85	-	
	Camborne (Rosewarne)	99	250	18.1	12.5	15.3	-	25.0	2	7.2	26	15.8	15.6	4.00	-	.91	12	21	13	0	0	0	0	1	1	0	2	5.28	-		
	Lizard	99	240	17.0	12.7	14.9	-	20.2	4	8.9	25	-	-	2.78	117	.70	13	16	9	0	0	0	0	2	0	-	0	4	4.60	-	
Cornwall	Falmouth	99	167	18.1	11.8	14.9	0.0	20.0	8	6.1	26	-	-	3.47	113	.90	13	16	10	0	0	0	0	0	2	0	0	2	4.48	88	
	Newquay	99	176	18.5	11.9	15.2	+0.7	24.4	2	5.0	25	-	-	3.57	135	.73	12	16	9	0	0	0	0	0	0	0	3	5.16	103		
	St. Mawgan	21-9	337	18.2	12.2	15.2	-	26.1	2	4.4	26	-	-	3.65	-	.79	12	17	10	0	0	0	0	0	1	0	0	0	5.38	-	
	St. Austell	99	310	18.8	12.1	15.5	-	22.8	2,18	7.8	25,26,29	-	-	3.23	90	.71	12	16	9	0	0	0	0	0	1	0	-	0	-	-	
	Fowey	99	51	18.9	12.7	15.8	+0.9	22.2	1	6.1	26	-	-	3.18	-	.74	13	15	9	0	0	0	0	0	1	0	-	2	-	-	
Cornwall	Bude	99	50	19.3	12.2	15.7	+1.3	29.4	1	3.9	25	15.2	-	3.63	123	.83	13	15	12	-	0	-	-	-	0	-	-	0	4.94	102	
	Ellbridge	99	190	18.9	11.2	15.1	-	27.2	2	3.3	26	-	-	3.87	-	.99	13	16	11	0	0	0	0	1	0	0	1	1	4.48	-	
NORTHERN IRELAND																															
Londonderry	Eglinton	99	46	16.9	9.8	13.3	-	20.6	19	6.1	30	-	-	4.15	-	.93	15	23	20	0	0	0	0	1	0	0	0	1	-	-	
	Ballykelly	21-9	3	17.0	10.0	13.5	+0.7	21.1	19	3.1	24	-	-	3.33	107	.94	15	23	16	0	0	1	0	3	0	0	0	1	4.45	111	
	Garvagh	99	121	16.6	8.8	12.7	+0.5	21.7	1	3.9	24	14.2	-	4.03	108	.65	15	24	18	0	0	0	0	3	1	0	5	0	-	-	
Antrim	Portrush	99	18	-	-	-	-	-	-	-	-	-	-	3.52	-	.68	15	24	17	-	-	-	-	-	-	-	-	-	4.12	-	
	Aldergrove	21-9	217	16.7	9.4	13.1	+0.7	23.5	1	3.9	24	-	-	3.56	118	.77	27	22	19	0	0	0	0	3	0	0	3	1	3.63	98	
	Nutts Corner	21-9	338	16.5	9.7	13.1	-	23.3	1	4.0	24	-	-	3.66	109	.78	27	23	18	0	0	0	0	3	1	0	0	1	-	-	
Down	Parkmore Forest	99	779	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Hillsborough	99	388	16.2	9.6	12.9	+0.6	22.8	1	5.0	30	13.6	-	3.73	122	.75	27	24	18	0	0	0	0	1	1	0	0	1	3.72	99	
	Kilkeel	21-9	59	16.1	10.3	13.2	-	19.4	1	5.4	18	-	-	4.29	-	.89	20	23	17	0	0	0	0	1	0	0	1	-	-	-	
	Tollymore Park	99	130	16.8	10.6	13.7	-	20.0	2,10,22	6.7	8,24	-	-	6.24	-	1.02															

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS SEPTEMBER 1961

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	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.	5-6 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 to 3	2	1										
																											Speed 22 to 33	7 5 3	in knots	0										
																											34 or more	22 to 33	11 to 21	10 to 10										
2 ENGLAND, N.E.—cont.																																								
Northumb- erland—cont. Tynemouth	H	3	130	1011.9	-	12.5	1.0	12.8	88	4.9	8	1	4	5	12	0	0	0	0	0	0	0	0	0	0	0	0	1	11	16	2	0	1	1	1	12	7	4	2	
	H	9	130	1011.8	-2.3	13.9	1.5	13.3	83	6.1	2	2	4	8	11	3	1	1	1	0	0	0	0	0	0	0	0	1	8	19	2	2	0	1	1	1	9	10	4	1
	H	15	130	1011.2	-	16.1	2.9	12.9	71	6.1	1	1	5	17	5	1	0	1	0	0	0	0	0	0	0	0	2	13	14	1	2	0	2	5	9	2	0			
	H	21	136	1011.9	-	13.8	1.7	12.8	81	4.7	7	2	6	5	10	0	0	0	0	0	0	0	0	0	0	0	0	1	11	17	1	0	1	1	1	17	2	9	3	
Durham Middleton St. George	H	3	118	1012.7	-	11.5	0.7	12.4	91	4.6	4	7	4	5	9	1	0	0	0	0	0	0	0	0	0	0	0	0	6	23	1	2	0	0	1	1	15	6	4	1
	H	9	118	1012.3	-	14.2	1.4	13.7	84	6.0	1	1	7	12	8	1	0	0	0	0	0	0	0	0	0	0	0	1	8	21	0	3	1	0	1	12	13	0	0	
	H	15	118	1011.7	-	17.3	3.5	13.0	67	6.1	0	3	4	16	7	0	0	0	0	0	0	0	0	0	0	0	0	2	13	15	0	1	2	0	0	13	7	5	2	
	H	21	118	1012.8	-	13.1	1.4	12.8	85	4.5	5	6	4	6	8	1	0	0	0	0	0	0	0	0	0	0	0	5	23	2	1	1	0	3	16	4	1	2		
Yorks., N. Riding Dishforth ...	H	3	131	1012.6	-	11.2	0.7	12.4	92	4.6	8	3	3	4	11	1	0	1	1	0	0	0	0	0	0	0	0	4	22	4	2	2	1	0	1	5	10	0	3	
	H	9	131	1012.5	-	13.8	1.2	13.8	86	6.3	0	3	5	9	12	1	0	0	0	0	0	0	0	0	0	0	1	7	22	0	4	1	3	8	9	3	2	0		
	H	15	131	1012.9	-	12.8	1.2	12.8	85	4.6	5	7	2	7	9	0	0	0	0	0	0	0	0	0	0	0	0	3	25	2	2	0	0	2	7	9	3	4		
	H	3	28	1013.4	-	11.9	0.6	13.2	94	4.9	4	7	2	5	10	2	0	0	0	0	0	0	0	0	0	0	0	5	19	6	0	1	2	2	10	1	7	1		
Yorks., E. Riding Leconfield	H	9	28	1010.3	-	15.1	1.3	14.9	87	5.8	2	3	3	15	7	0	0	0	0	0	0	0	0	0	0	0	0	1	11	15	3	0	0	1	5	4	10	5	2	
	H	15	28	1012.6	-	18.1	3.2	14.6	70	6.1	0	2	6	16	6	0	0	0	0	0	0	0	0	0	0	0	3	10	17	0	1	1	2	4	12	5	1			
	H	21	28	1013.7	-	13.5	1.1	13.6	88	5.0	3	7	3	6	9	2	0	0	1	2	2	5	11	8	1	0	5	22	3	1	1	3	1	8	6	5	2			
	H	3	54	1013.7	-	13.9	0.8	14.6	91	4.5	7	3	5	6	8	1	0	0	1	0	0	0	0	0	0	0	0	1	14	13	2	0	1	1	2	10	7	3		
Spurn Head	H	9	54	1013.5	-1.5	14.6	1.8	15.1	91	5.3	2	3	9	9	7	0	0	0	0	0	0	0	0	0	0	0	0	1	11	16	2	2	1	1	2	9	6	5		
	H	15	54	1012.9	-	17.6	2.5	15.4	77	5.6	0	3	8	15	4	0	0	0	0	0	0	0	0	0	0	0	0	3	11	16	0	0	1	5	3	8	7			
	H	21	54	1013.6	-	15.0	1.2	14.9	88	5.0	3	7	3	7	8	2	0	0	0	0	0	0	0	0	0	0	0	19	9	2	0	2	2	1	10	7	4			
	H	3	227	1013.8	-	12.5	0.7	13.4	92	4.9	6	4	2	8	9	1	0	0	1	0	0	2	9	13	4	1	0	0	7	22	1	2	1	1	6	11	6			
Lincoln Waddington	H	9	227	1013.9	-	14.5	1.2	14.5	87	5.7	3	3	2	13	9	0	0	0	1	1	1	3	13	9	2	0	0	1	5	24	0	1	2	3	9	8	2			
	H	15	227	1013.1	-	17.8	3.2	14.1	69	5.8	0	3	8	13	6	0	0	0	0	0	0	0	0	0	0	0	0	2	8	19	1	0	1	3	2	10	8			
	H	21	227	1014.1	-	13.7	1.4	13.4	85	5.2	3	5	4	9	9	0	0	0	0	0	0	0	0	0	0	0	0	1	4	11	9	5	0	0	5	24				
	H	3	47	1014.0	-	12.2	0.6	13.5	94	4.8	7	2	2	12	6	1	0	1	1	1	1	4	10	9	3	0	0	5	20	5	0	2	0	4	12	2				
Manby ...	H	9	47	1014.0	-	15.3	1.2	15.2	87	5.6	2	4	4	14	6	0	0	0	0	0	0	0	0	0	0	0	0	1	8	20	1	1	2	1	3	8	6			
	H	15	47	1013.2	-	17.9	2.8	15.0	74	6.4	0	2	6	12	10	0	0	0	0	0	0	0	0	0	0	0	0	13	17	0	0	3	5	1	6					
	H	21	47	1014.2	-	13.5	0.9	14.0	89	5.1	4	4	5	7	10	0	0	0	1	0	2	0	0	0	0	0	0	4	24	2	2	1	2	3	12	3				
	3 ENGLAND, E.																																							
Norfolk Marham	H	3	89	1014.6	-	12.6	0.5	13.9	94	5.6	3	5	2	5	12	3	0	2	1	1	3	4	9	10	0	0	0	0	9	17	4	0	1	3	6	12	1			
	H	9	89	1014.6	-	15.3	1.2	15.3	87	5.6	2	5	3	10	10	0	0	0	0	0	0	3	5	10	10	2	0	0	1	10	17	2	1	2	6	9	3			
	H	15	89	1014.0	-	18.9	3.5	14.9	68	5.9	1	3	5	13	8	0	0	0	0	0	0	0	0	0	0	0	0	0	3	13	14	0	0	3	2	5				
	H	21	89	1014.9	-	14.1	1.0	14.5	89	5.3	4	4	2	12	8	0	0	0	0	0	0	0	1	4	10	10	4	1	0	9	20	1	1	1	4	8	9			
West Raynham	H	3	263	1014.0	-	12.5	0.4	13.9	95	5.4	4	5	2	4	12	3	1	2	0	1	3	5	11	7	0	0	0	0	9	20	1	1	1	3	4	9	5			
	H	9	263	1014.3	-	15.0	0.9	15.5	90	5.7	2	5	2	10	11	0	0	0	0	0	0	0	4	13	7	4	0	2	12	16	0	0	2	4	8	6				
	H	15	263	1013.7	-	18.2	3.0	15.1	73	5.8	1	3	6	12	8	0	0	0	0	0	0	0	0	1	7	10	11	1	2	16	12	0	0	3	2	6				
	H	21	263	1014.7	-	13.6	0.7	14.4	91	5.1	2	5	7	6	10	0	0	0	0	0	0	0	0	2	6	7	12	3	0	10	19	1	1	1	2	5				
Gorleston	H	3	26	1015.1	-	14.2	0.7	15.0	92	4.5	10	2	1	5	11	1	0	0	0	1	2	1	13	13	0	0	0	0	7	21	2	1	1	3	10	5				
	H	9	26	1014.8	-1.1	15.4	0.9	16.0	91	4.9	4	6	3	7	10	0	0	0	0	0	0	0	5	17	5	0	0	0	1	7	19	3	0	3	2	6				
	H	15	26	1014.5	-	17.1	1.8	16.1	82	5.6	2	3	4	13	7	1	0	1	0	0	0	0	0	17	11	0	0	0	1	12	17	0	2	4	10					
	H	21	26	1015.2	-	15.3	1.1	15.5	89	4.3	9	3	3	4	10	1	0	0	1	1	0	0	0	14	13	0	0	0	6	21	5	0	1	2	3					
Suffolk Mildenhall	H	3	39	1014.6	-	13.2	0.7	14.1	92	5.4	6	2	4	6	2	4	0	1	1	2	11	8	6	0	0	0	0	0	2	23	5	1	0	5	2	8	6			
	H	9	39	1014.7	-	15.7	1.4	15.3	85	6.0	1	4	4	8	13	0	0	0	0	1	2	6	11	7	3	0	0	5	21	4	0	0	2	3	10	3				
	H	15	39	1014.0	-	19.4	4.0	14.5	55	5.9	0	3	8	9	10	0	0	0	0	0	0	0	2	9	9	10	0	0	8	22	0	1	2	3	6	7				
	H	21	39	1014.9	-	12.8	2.8	14.4	85	4.4	4	7	4	9	5	1	0	0	0	1	0	0	6	10	12	1	0	0	2	26	2	1	1	2						

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS SEPTEMBER 1961

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.	440-1,090 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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4 MIDLAND COUNTIES—cont.			G.M.T.	ft.	mb.	mb.	°C.	°C.	mb.	%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													

STATION	TOTAL RADIATION ON A HORIZONTAL SURFACE mw. hr./cm ²						DIFFUSE RADIATION ON A HORIZONTAL SURFACE mw. hr./cm ²						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	411	14	50	16	195.6	30	195	3	50	16	118.9	30	412	14	54	16	199.7	30
Eskdalemuir	406	18	40	3	216.4	30	234	2	40	3	147.6	27	404	18	49	3	225.5	23
Cambridge	419	16	80	17	254.4	30	202	1,8	76	17	143.9	30	-	-	-	-	-	-
Kingsway	443	16	46	17	247.7	30	246	10	44	17	159.1	28	478	16	61	17	277.0	30
Kew	419	8	45	17	261	30	245	10	44	17	152	30	455	18	49	17	287	30
Aberporth	537	9	48	3	290.7	30	234	16	48	3	161.7	30	-	-	-	-	-	-

TABLE VIII—NUMBER OF DAYS IN SEPTEMBER 1961 WITH MAXIMUM AND MINIMUM TEMPERATURES between given limits.

STATION													MAXIMUM TEMPERATURE °C.						MINIMUM TEMPERATURE °C.						STATION													MAXIMUM TEMPERATURE °C.						MINIMUM TEMPERATURE °C.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
													0·0° or less	0·1° to 5·0°	5·1° to 10·0°	10·1° to 15·0°	15·1° to 20·0°	20·1° to 25·0°	25·1° to 30·0°	Above 30·0°	-15·0° or less	-14·9° to -10·0°	-9·9° to -5·0°	-4·9° to 0·0°														0·1° to 5·0°	5·1° to 10·0°	10·1° to 15·0°	Above 15·0°	0·0° or less	0·1° to 5·0°	5·1° to 10·0°	10·1° to 15·0°	15·1° to 20·0°	20·1° to 25·0°	25·1° to 30·0°	Above 30·0°	-15·0° or less	-14·9° to -10·0°	-9·9° to -5·0°	-4·9° to 0·0°	0·1° to 5·0°	5·1° to 10·0°	10·1° to 15·0°	Above 15·0°																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Lerwick	0	0	0	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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—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				1 ft.	4 ft.	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	Gross min. O.C. or less	Gale	Daily Mean	Per- cent- age of Aver- age	
				A	B			Maximum	Date	Minimum	Date					Amount	Date	-0.1in.(0.2mm.) or more	-0.04in.(1.0mm.) or more												
				Max.	Min.			Max.	Date	Min.	Date																				
		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.		°C.	°C.	in.	%	in.															hr	%	
1960																															
December	Stone	9	9	350																											
"	Filton	21	9	192																											
1961																															
January	Aberystwyth	9	9	12																											
"	Nottingham	9	9	192																											
"	Fyvie Castle	9	9	218																											
"	Haydon Bridge	9	9	270																											
"	Houghall	9	9	123																											
"	Luton	9	9	379																											
"	Trawscoed	9	9	200																											
"	Usk	9	9	70																											
"	Scilly (St.Mary's)	21	9	158																											
"	York	9	9	57																											
"	Wallingford	9	9	150																											
"	Wisley	9	9	150																											
February	Hampstead	9	9	450																											
"	Mickleham	9	9	179																											
"	Turnberry	9	9	25																											
"	Haydon Bridge	9	9	270																											
"	Houghall	9	9	123																											
"	Trawscoed	9	9	200																											
"	Finchampstead	9	9	212																											
"	York	9	9	57																											
"	Camborne	9	9	250																											
"	Alderney	9	9	288																											
March	Fyvie Castle	9	9	218																											
"	Houghall	9	9	123																											
"	Manchester Weather Centre	-	-	-																											
"	Garve	9	9	690	10.3	-	-	-	16.1	9	-	-	-	-	5.14	-	.95	25	23	18	-	-	-	-	0	-	-	-	-	-	
April	Fyvie Castle	9	9	218																											
"	Haydon Bridge	9	9	270																											
"	Houghall	9	9	123																											
"	Kirkham	9	9	77																											
"	Hull	9	9	8																											
"	Winchester	9	9	124																											
"	Garve	9	9	690	11.4	-	-	-	16.7	12.21	-	-	-	-	1.88	-	.41	12	18	11	-	-	-	-	0	-	-	-	-	-	
"	Coalburn	9	9	707																											
May	Penzance	9	9	62																											
"	Garve	9	9	690	13.9	-	-	-	19.4	15	-	-	-	-	2.35	-	.59	8	11	9	-	-	-	-	0	-	-	-	-	-	

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Monthly Weather Report

OF THE METEOROLOGICAL OFFICE

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

Volume 78 Number 10

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October 1961 — *Rather wet, stormy during second half of the month*

During the first week a blocking anticyclone persisted over European Russia and frontal systems approaching from the Atlantic became slow moving over the British Isles. From 12th-16th a ridge of high pressure extended from Britain to central Europe, but for most of the second half of the month the weather over the country was cyclonic and stormy.

The first two days of October broke, temporarily, the wet spell at the end of September. Apart from some thundery showers, weather was generally mild and dry with 7-8 hours sunshine on both days. Overnight fog in central and eastern England was thick in many places around dawn on the 2nd, but cleared around mid-day. Late that evening another wet spell began, as rain, associated with a complex frontal system over Ireland, spread into western districts. Rain was widespread and often heavy during the next three days, the frontal system remaining almost stationary over the British Isles. With a deepening depression approaching south-west Ireland, the 6th was a day of unusually heavy rain with floods in many parts of southern England. At Princetown 2in. fell in 12 hours while minor tornadoes at Marazion, Cornwall, and Bournemouth caused considerable structural damage. The depression moved east-north-eastwards and slowly filled over southern England on the 7th; rain was again widespread but not so heavy as the previous day.

On the 8th the blocking anticyclone over Russia moved further eastwards and winds over the British Isles freshened from the south-west in the circulation of a complex low pressure system near Iceland. Weather remained unsettled as troughs moved north-east across the country. There was rain in most districts during the next few days and this was particularly heavy on the 10th in the west, where flooding was again widespread; on that day Camelford had over 1 in. in 9 hr making a total of over 7 in. of rain there in 14 days. Temperatures over much of the east Midlands, East Anglia, and Kent rose to about 21°C, more than 5°C above the October average.

The only generally dry period of the month, began on the 12th with a ridge of high pressure across the country, giving four days of fine, quiet weather. Afternoon temperatures rose to about 17°C and there was 7-8 hr sunshine most days, but fog was widespread in the mornings, and on the 15th it was dense in many areas and persisted all day in the south Midlands and south-east England.

On the night of 15th/16th a deep depression near Iceland moved eastwards and winds over the British Isles freshened, clearing the fog. After a period of more continuous rain during the early hours, the day was generally showery with some good fair periods, but that night a secondary depression moved rapidly south-east across the British Isles bringing a renewal of widespread rain, which was locally heavy in the west, where some places reported falls of more than 2 in. in 24 hr. Three days of cool showery weather with fresh northerly winds followed; temperatures in many places failed to reach 10°C. Snow or sleet was reported in the Pennines on the 18th.

A week of stormy weather began on the 21st, the British Isles being within an intense cyclonic circulation centred in the eastern Atlantic. Pressure had fallen over most of the country continuously since the 18th and continued to do so until the 23rd. Wind reached gale force over much of the country every day from the 17th to the 25th. With a blocking anticyclone near the Baltic intense depressions moved northwards over or near western districts of the British Isles, one on the 22nd and another on the 24th; both gave severe gales and

heavy rain. Strong south-westerly winds reaching gale force locally in southern England continued until the 27th with frequent rain or showers and scattered thunderstorms.

The 28th and 29th were predominantly dry with sunny periods but with fog, locally dense, at night. The month ended with two days of unsettled weather and strong winds in the north.

Pressure and Wind — Mean pressure was below the average generally, the deficit at 9 hr ranging from 4.7 mb at Felixstowe to 8.0 mb at Tiree. Surface winds were light and mainly southerly during the first week, south-westerly on the 8th-11th, mainly light and variable on the 12th-14th, becoming north-westerly on the 15th and 16th and predominantly northerly until the 20th, after which winds were mainly south-westerly until the end of the month. Wind reached gale force in Scotland on 19 days on the 5th, 9th, 17th-20th and 22nd-31st (16 days) in England and Wales where gales were widespread from 18th-24th and severe on the 22nd and 24th. Gusts of 79 kt were reported at Speke on the 22nd, and 83 kt and 84 kt at Stornoway and Benbecula respectively on the 24th.

Temperature — It was the fifth consecutive October with mean temperature in Great Britain above the average generally, the excess being 0.7°C in England and Wales, 0.8°C in Scotland and 0.1°C in Northern Ireland. The warmest day in most districts occurred during the first week but over much of eastern England it was on the 10th. The coldest nights at most places were the 28th/29th and 29th/30th. Air frost was reported at a number of places on the 12th-16th and 27th-31st; it was widespread towards the end of the month.

Extremes included: (England and Wales) 22.8°C at Gillingham, Kent, on the 10th, -3.9°C at Santon Downham on the 29th; (Scotland) 20.0°C at Lossiemouth on the 2nd and at Gordon Castle and Kinlochewe on the 13th, -3.9°C at Balmoral and Logie Coldstone on the 30th; (Northern Ireland) 18.4°C at Ballykelly on the 13th, 0.4°C at Nutts Corner on the 29th.

Rainfall — The general precipitation expressed as a percentage of the 1916-50 average was 128 over England and Wales, 121 over Scotland, where it was the wettest October since 1954, and 112 over Northern Ireland. Rainfall was less than the average over much of the west Midlands, over an area extending from the Wirral to the Somerset Plain, locally in the Exe and Thames valleys, in parts of eastern and northern Scotland and in the central part of Northern Ireland. However, at Norwich, it was the wettest October since 1939.

Sunshine — The general sunshine expressed as a percentage of the 1921-50 average was 115 in England and Wales, 105 in Scotland and 121 in Northern Ireland. Sunshine was generally below average in northern Scotland and south-west England but nearly 50 per cent above the average locally in the Midlands.

Fog — In Scotland fog was reported on 15 days but in England and Wales it occurred at one place or another every day of the month, except on the 11th, 16th-19th and 21st. It persisted throughout the day at many places on the 15th.

Miscellaneous Phenomena — The aurora was visible in Scotland on 16 nights and was seen from most parts of England and Wales on the nights of the 30th/1st and 28th/29th. Minor tornadoes caused considerable damage at Bournemouth and Marazion on the 6th and they were also observed at Burlingham on the 2nd and at Malvern on the 26th.

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TABLE I—DISTRICT VALUES— OCTOBER 1961 (1908, revised 1928, 1941 and 1956)

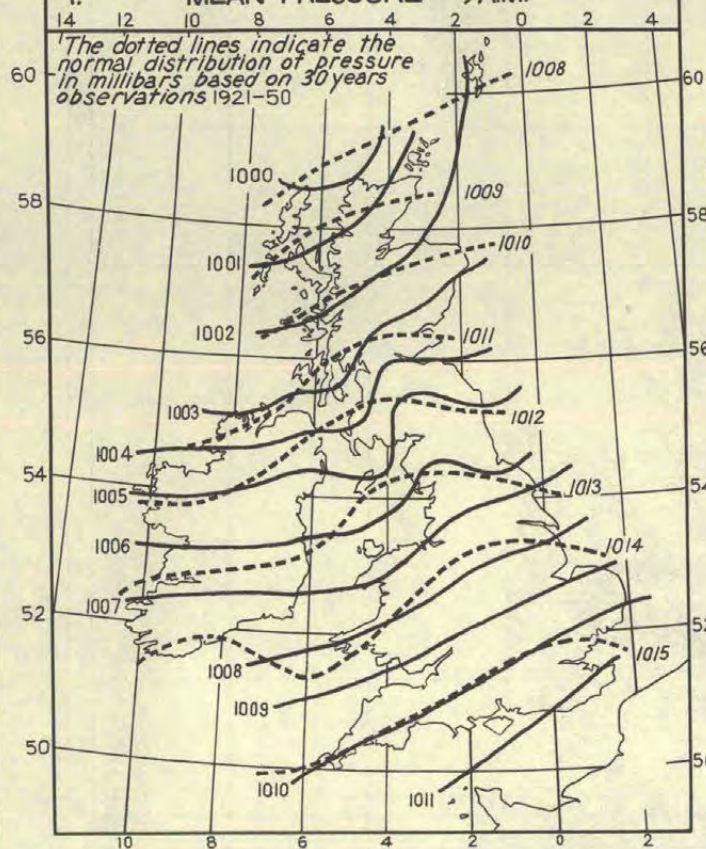
DISTRICTS	AIR TEMPERATURE					EARTH TEMPERATURE		RAINFALL		SUNSHINE	
	Highest	Lowest	Difference from Average			At 1 ft. Difference from Average	At 4 ft. Difference from Average	Percentage of Average	No. of Days Difference from Average	Percentage of Average	
			Max.	Min.	Mean						
0 SCOTLAND, N.	20.0	-3.3	+0.6	+1.3	+0.9	—	—	129	+3	98	
Eastern											
1 SCOTLAND, E.	20.0	-3.9	+0.6	+1.0	+0.9	—	—	106	+4	105	
2 ENGLAND, N.E.	21.1	-1.7	+0.5	+0.5	+0.5	+0.7	+0.3	129	+4	107	
3 ENGLAND, E.	22.2	-3.9	+0.9	+0.8	+0.9	+1.0	+0.8	140	+1	124	
4 MIDLAND COUNTIES	21.1	-3.3	+0.8	+0.7	+0.8	+0.6	+0.7	101	+6	122	
5 ENGLAND, S.E.	22.8	-2.8	+1.1	+1.2	+1.1	+0.7	+0.8	118	+2	124	
Western											
6 SCOTLAND, W.	18.9	-1.7	+0.5	+0.7	+0.6	+0.5	+0.5	126	+2	113	
7 ENGLAND, N.W. (and N. Wales)	19.4	-2.8	+0.6	+0.9	+0.8	+0.5	+0.5	122	+4	120	
8 ENGLAND, S.W. (and S. Wales)	20.6	-2.2	+0.2	+0.3	+0.3	+0.8	+0.8	127	+6	94	
NORTHERN IRELAND	18.4	0.4	+0.1	+0.2	+0.1	—	—	112	+3	121	

TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— OCTOBER 1961 (1914)

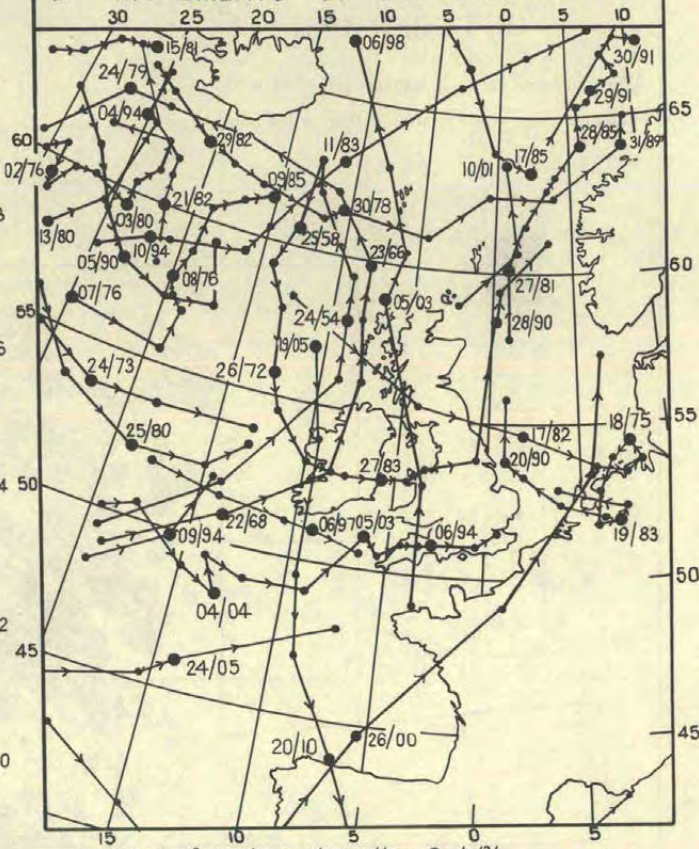
DISTRICT, COUNTY AND PLACE		Height of Vane			Distribution of Mean Hourly Values of Wind Speed								Mean Hourly Wind Speed	Highest Velocities					
		Above Mean Sea Level	Above Ground	Effective Height	34 knots or more		22 to 33 knots		11 to 21 knots	4 to 10 knots	Less than 4 knots	No Record		Highest 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	310	53	37	11, 19, 20, 23-25	39	23	232	364	95	14	0	19.1	110	43	23	07	74
	Orkney	Kirkwall (Grimsetter)	135	51	33	11, 23, 30	5	16	154	425	147	13	0	16.1	280	40	30	20	64
	Caithness	Dounreay	110	39	30	17, 23, 24, 30, 31	30	21	167	447	100	0	0	17.6	140	47	24	11	68
		Halkirk (Olgrinbeg)	272	40	40	23, 24	6	11	77	376	233	30	22	13.4	150	37	24	12	63
	Ross & Cromarty	Stornoway (Coastguard)	120	40	36	11, 15, 17, 23-25	36	22	231	278	86	113	0	17.1	170	56	24	14	83
		Duirinish	125	65	55	17, 18, 24, 25, 30	22	13	91	286	245	100	0	12.8	200	48	24	15	81
	Inverness	Benbecula	69	51	35	17, 18, 23-25, 30	45	18	201	281	179	38	0	17.2	220	54	24	16	84
1	Moray	Lossiemouth	100	80	66	18, 24, 31	9	12	112	188	259	176	0	11.0	350	37	18	02	57
	Aberdeen	Dyce	225	40	40	-	0	9	37	314	259	134	0	10.3	170	33	23	06	50
	Angus	Bell Rock Lighthouse	128	131	124	11, 18-20, 22-25	87	22	221	309	112	15	0	20.4	150	52	24	10	73
	Perth	Rannoch	1006	56	57	23, 24, 30	9	14	84	234	244	98	75	12.0	210	44	24	13	79
	Fife	Leuchars	78	40	40	22-24	7	11	57	276	304	100	0	10.9	140	38	22	24	59
	Midlothian	Edinburgh	485	39	23	23	3	9	36	272	263	170	0	9.7	180	38	23	06	62
6a	Argyll	Tiree	89	60	47	2, 10, 11, 17, 18	66	25	272	280	81	45	0	20.3	190	52	24	09	77
	Bute	Millport	50	34	34	23, 24	6	9	70	324	186	87	71	12.8	260	43	23	06	58
	Renfrew	Paisley	188	81	31	-	0	2	6	150	397	191	0	6.8	170	27	23	04	63
		Renfrew	71	41	39	-	0	7	37	208	354	145	0	8.8	210	33	24	11	56
	Ayr	Prestwick Airport	35	33	33	23	2	8	51	267	350	74	0	10.6	250	37	23	06	64
	Dumfries	Eskdalemuir	825	50	35	23	4	7	35	241	269	195	0	9.0	200	36	23	03	58
ENGLAND AND WALES																			
6b	Isle of Man	Point of Ayre	70	40	35	17, 18, 22, 23, 25	16	15	168	311	217	32	0	15.2	210	40	23	01	66
2	Durham	Durham	389	53	33	-	0	9	61	220	310	77	76	10.7	-	29	22	23	60
		South Shields	73	57	44	18	7	5	47	168	390	132	0	9.2	350	37	18	12	58
	Lincoln	Cranwell	288	47	47	-	0	6	56	289	340	59	0	11.2	340	30	18	09	47
3	Norfolk	Gorleston	45	33	33	Ø	0	2	6	261	355	122	0	8.7	320	25	19	07	47
	Suffolk	Mildenhall	98	83	60	-	0	9	42	436	187	79	0	12.4	190	30	23	01	52
		Felixstowe	85	75	65	-	0	9	42	436	187	79	0	12.4	190	30	23	01	52
	Bedford	Cardington	226	133	133	17, 25	4	14	138	327	184	91	0	13.6	300	35	17	14	59
	Hertford	Rothamsted	461	41	33	-	0	0	0	104	429	211	0	5.9	340	18	19	07	42
		Stansfield Abbots	138	41	40	-	0	3	12	198	333	201	0	7.4	310	25	17	16	41
	Essex	Coryton	66	57	48	-	0	3	29	243	373	91	8	9.3	330	29	19	02	49
		Shoeburyness	118	106	91	22-24	4	13	128	411	159	42	0	14.6	170	37	22	24	60
4	Yorks., W.R.	Sheffield	533	83	35	-	0	1	7	147	350	240	0	6.5	340	23	18	18	48
	Warwick	Birmingham	643	118	73	-	0	4	16	225	464	39	0	9.3	320	24	19	01	46
	Stafford	Keele	706	50	40	-	0	1	3	207	387	147	0	8.2	320	24	17	12	52
	Gloucester	Avonmouth	92	61	33	-	0	11	47	289	187	173	48	10.6	240	33	17	10	52
5	London	Kingsway	208	143	41	-	0	0	0	196	426	122	0	8.0	310	20	19	01	43
	Middlesex	London Airport	115	33	33	-	0	4	13	223	339	169	0	8.1	170	24	22	23	42
		Hampton	139	101	100	-	0	2	4	229	350	161	0	8.0	330	23	18	21	57
	Surrey	Kew Observatory	92	75	50	-	0	0	0	185	372	187	0	7.5	340	20	19	02	49
		Gatwick	232	38	33	-	0	6	15	235	261	233	0	7.6	200	26	22	24	49
	Kent	Isle of Grain	48	40	33	-	0	1	4	158	246	328	8	6.2	(170)	26	22	24	(43)
		Dungeness	70	50	33	23, 27	5	14	137	322	162	118	0	13.6	200	35	23	01	55
		Dover	68	38	62	-	0	13	89	356	216	83	0	12.5	190	33	27	18	56
	Sussex	Thorney Island	75	65	42	-	0	2	5	231	265	243	0	7.5	190	23	22	22	44
	Hampshire	Southampton (Eastleigh)	95	60	41	*	0	7	15	411	258	60	0	11.5	190	27	22	23	35
		Calshot	50	41	33	-	0	7	15	411	258	60	0	11.5	190	27	22	23	35
		S. Farnborough	318	69	35	-	0	0	0	145	353	246	0	6.3	260	21	17	11	41
	Berkshire	Abingdon	295	40	40	-	0	3	7	249	243	245	0	7.7	180	24	24	10	45
	Wiltshire	Larkhill	491	51	36	-	0	4	26	185	398	135	0	8.3	330	28	18	22	50
		Porton	406	44	44	-	0	3	10	225	333	176	0	8.3	180	28	22	22	46
7a	Cumberland	Sellafield	83	39	35	22-25	18	15	118	402	192	7	7	15.6	-	44	23	01	63
		Spadeadam	959	51	40	18, 23, 24	5	12	74	236	332	97	0	11.2	200	37	23	04	56
	Westmorland	Moor House	1960	50	45	18, 22, 23, 31	15	18	139	267	188	135	0	13.2	230	41	23	05	58
	Lancashire	Southport	59	41	33	17, 18, 25	10	14	124	211	302	86	11	12.5	320	39	17	12	56
		Speke	180	100	65	22, 23	3	13	104	433	183	21	0	14.7	160	36	22	21	79
	Cheshire	Bidston Observatory	262	64	39	Ø	0	5	16	303	372	53	0	10.0	290	26	17	12	50
		Manchester Airport	318	70	30	-	0	5	16	303	372	53	0	10.0	290	26	17	12	50
7b	Anglesey	Holyhead (Valley)	76	50	40	17, 18, 22-25	33	14	186	292	102	131	0	15.8	220	51	22	23	72
8a	Cardigan	Aberporth	483	41	41	17, 18, 24	35	15	117	383	182	27	0	15.8	330	45	18	06	69
	Pembroke	Milford Haven	246	50	35	-	0	9	66	223	220	158	77	10.2	(240)	31	22	19	(59)
	Glamorgan	Port Talbot	91	40	35	-	0	12	78	379	187	100	0	12.7	290	31	17	12	54
		Rhoose	257	37	32	-	0	6	20	323	356	45	0	10.4	280	29	17	09	45
8b	Devon	Plymouth	191	88	65	6, 22, 24	10	12	82	308	233	111	0	12.1	-	40	22	19	53
	Cornwall	St. Mary's, Scilly	230	65	57	6, 7, 17, 18, 22	23	16	211	300	166	39	5	16.7	290	37	17	09	57
		The Lizard	315	75	60	6, 7, 17, 18, 22	38	18	227	297	110	54	18	17.9	280	44	7	04	63
NORTHERN IRELAND																			
	Londonderry	Ballykelly	52	50	35	23, 24	4	11	58	275	256	151	0	10.6	250	41	23	02	65
	Antrim	Aldergrove	281	65	55	23, 24	5	11	90	306	314	29	0	12.7	230	42	23	02	68
		Nutts Corner	344	31	31	-	-	-	-	-	-	-	-	250	39	23	02	60	23
CHANNEL ISLES																			
		Jersey Airport	359	86	50	7, 17	11	13	138	375	186	34	0	14.8	270	38	7	16	55

MONTHLY WEATHER CHARTS OCTOBER 1961

1. MEAN PRESSURE 9 A.M.

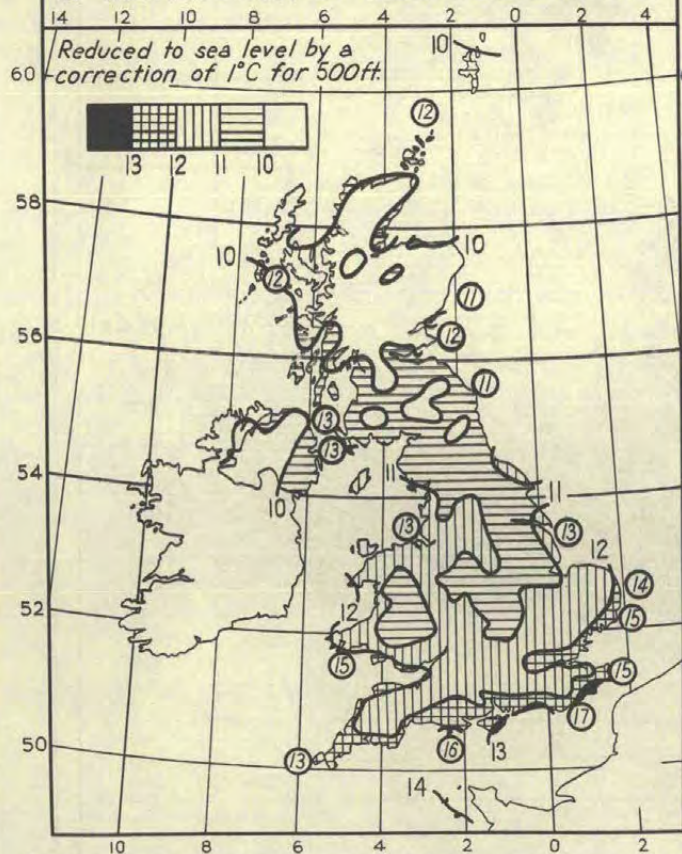


2. MOVEMENTS OF DEPRESSIONS



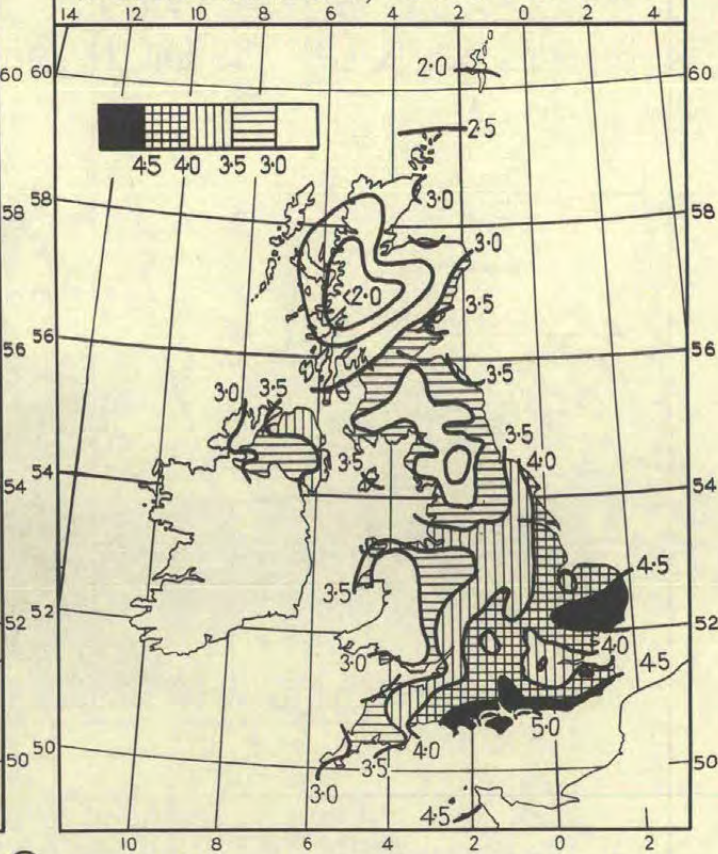
Positions of centres shown thus: ● at 12h.
First two figures show date, last two central pressure (mb)

3. DISTRIBUTION OF MEAN TEMPERATURE



Sea temperatures are shown by figures in circles, thus: ⑩

4. BRIGHT SUNSHINE, HOURS PER DAY



RAINFALL

OCTOBER 1961

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

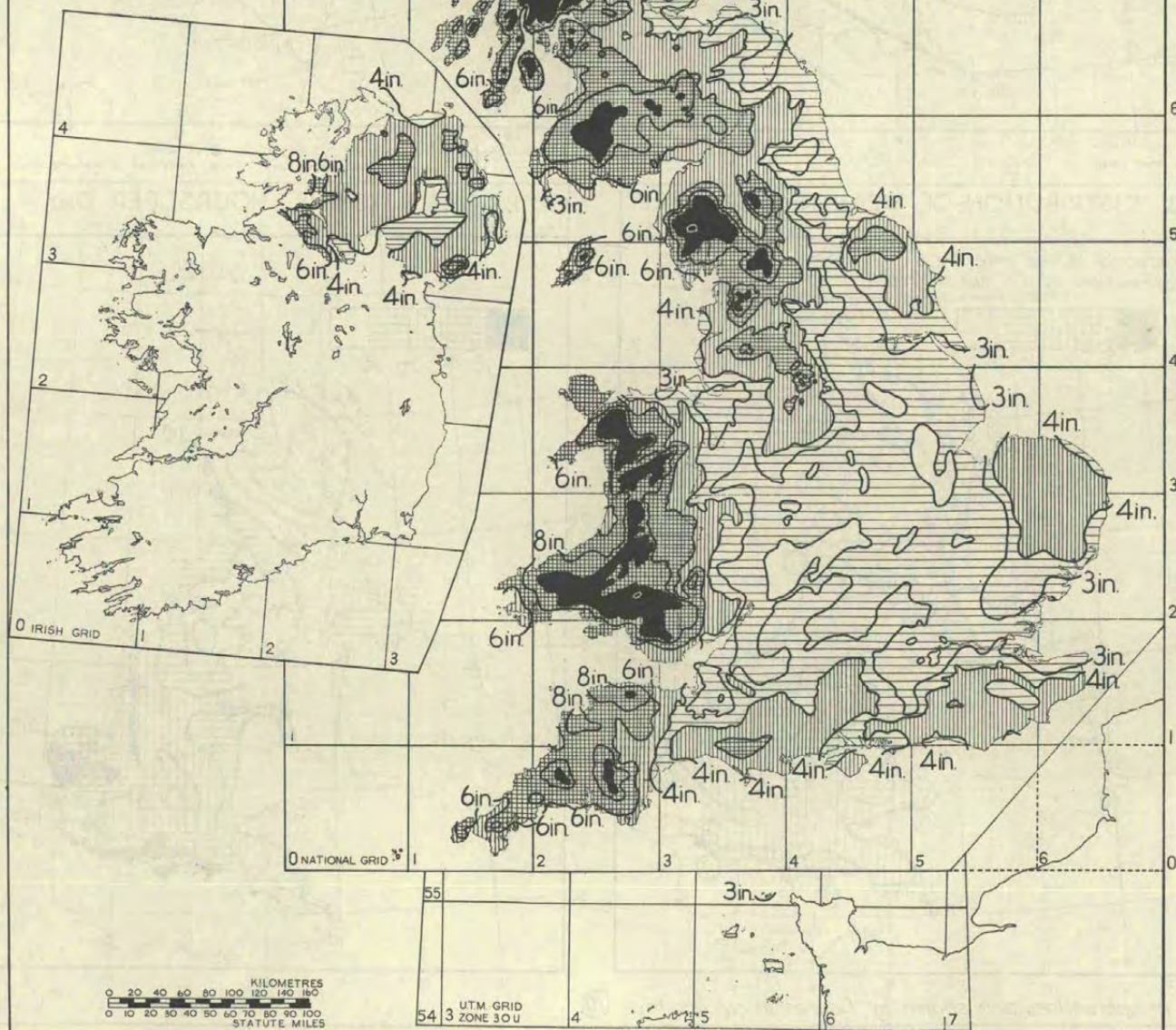
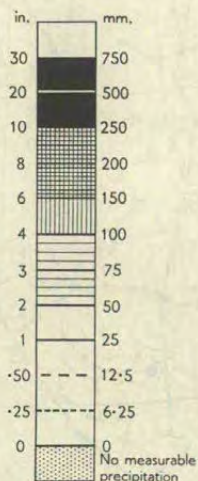


TABLE III — SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER OCTOBER 1961

DISTRICT, COUNTY AND PLACE		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		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	
							-0.1in. (0.2mm.) or more	-0.1in. (1.0mm.) or more	-0.1in. (1.0mm.) or more																						
				A Max.	B Min.	Mean Temperature of A and B	Maximum	Date	Minimum	Date	1 ft.	4 ft.	in.	%	in.	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	Daily Mean	Percentage of Average				
G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.	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	Daily Mean	Percentage of Average							
0 SCOTLAND, N.																															
Zetland	Lerwick Obs'y.	21-9	269	10.9	8.2	9.5	+1.8	14.6	13	2.3	30	-	-	6.90	155	1.02	30	26	24	0	0	0	7	3	2	0	1	9	1.99	90	
	Baltsound	9 9	78	11.4	8.0	9.7	-	15.0	13	2.2	30	9.7	-	7.02	147	1.03	27	28	26	2	0	0	0	2	0	0	-	7	1.83	-	
Orkney	Sule Skerry	9 9	43	11.6	9.1	10.3	-	15.0	13	5.0	29	-	-	4.65	-	.60	27	29	24	0	0	0	0	0	0	0	0	10	-	-	
	Kirkwall (Grimsetter)	21-9	84	11.8	7.9	9.9	-	14.6	1	3.0	29,30	-	-	4.09	90	.55	30	23	20	2	0	3	0	1	1	0	0	4	2.88	-	
Caithness	Dounreay	9 9	70	12.4	-	-	-	18.9	13	-	-	-	-	4.72	-	.71	17,27	26	20	0	0	0	1	0	2	-	2	6	-	-	
	Halkirk (Olgrinbeg)	9 9	232	-	-	-	-	-	-	-	-	-	-	6.27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Wick	21-9	119	11.7	7.7	9.7	+1.0	15.2	13	1.0	30	-	-	2.71	87	.29	7	22	18	1	0	0	1	1	0	0	2	4	3.10	114	
Sutherland	Cape Wrath	21-9	367	11.8	8.0	9.9	-	18.0	2,3	3.0	31	-	-	4.43	86	.45	27	26	25	0	0	2	0	0	0	0	0	8	-	-	
	Lairg (Achany)	9 9	240	12.5	4.9	8.7	-	19.4	13	-1.7	30	9.4	10.6	4.59	-	.58	17	25	23	0	0	0	0	0	0	0	1	17	0	-	
	Strathly	9 9	120	12.3	6.6	9.5	-	18.3	13	1.7	30	-	-	5.40	124	.86	27	26	21	3	0	2	1	0	0	0	-	0	2.56	-	
Ross & Cromarty	Stornoway	21-9	11	11.9	7.3	9.6	+0.7	15.6	2,6	0.3	17	-	-	6.17	141	.82	25	29	23	0	0	4	0	0	0	2	4	2.71	110	-	
	Balmacara	9 9	2	13.0	7.8	10.4	-	18.3	13	3.9	29	-	-	10.42	-	(.85)	24	27	25	-	0	-	-	-	-	-	-	-	-	-	
	Achnashellach	9 9	220	12.2	5.6	8.9	+0.5	18.3	13	0.6	30	-	-	12.04	132	1.18	17	29	24	4	0	1	1	1	0	0	-	1	-	-	
	Kinlochewe	9 9	76	12.6	6.7	9.7	-	20.0	13	1.7	30	10.3	-	12.45	-	1.20	17	27	26	2	0	0	0	1	0	0	4	0	1.37	-	
	Garve (Blackbridge)	9 9	690	12.4	6.8	9.6	-	17.2	3	(2.2)	30	-	-	7.92	-	1.16	17	25	24	3	0	0	0	0	0	0	-	0	2.08	-	
Inverness	Fortrose	9 9	15	12.3	8.0	10.1	+1.0	(18.3)	2	2.8	26	-	-	3.33	119	.62	17	23	20	1	0	0	0	1	0	0	-	2	2.61	90	
	Tarbatness	21-9	60	12.0	8.0	10.0	-	15.0	2,8,10	2.0	30	-	-	2.65	-	.43	20	24	13	0	0	0	0	0	0	0	1	7	-	-	
	Benbecula	21-9	19	12.1	7.4	9.7	-	16.4	13	2.5	21,27	-	-	7.06	138	1.44	24	27	26	0	0	3	4	1	0	0	-	0	2.77	-	
	Isle of Rhum	9 9	15	12.2	7.7	9.9	-	16.1	1,13	2.2	30	-	11.9	11.44	-	1.16	24	28	26	0	0	3	0	0	0	0	7	-	-	-	
	Prabost	9 9	220	11.7	6.8	9.3	-	16.7	1	1.7	30	-	-	10.14	-	1.13	24	29	27	0	0	1	6	2	0	0	5	6	2.22	-	
	Duntulm	9 9	294	11.9	7.6	9.7	-	16.1	1,6,13	4.4	30	-	-	7.42	124	.78	22	29	27	0	0	2	0	0	0	1	9	2.29	-		
	Onich	9 9	48	12.3	6.9	9.6	+0.2	17.8	7	1.1	27	-	-	12.91	142	1.30	24	26	25	0	0	2	0	1	0	0	8	0	1.79	85	
	Fort William																														
	(Camaghael)	9 9	27	12.8	6.7	9.7	-	18.3	1,2	0.6	27	9.8	11.3	10.72	-	1.25	21	27	23	0	0	1	2	2	0	0	6	2	1.47	-	
	Fort Augustus	9 9	70	12.2	6.6	9.4	+0.9	18.3	7	0.0	27,30	-	-	7.54	-	.95	23	25	22	0	0	1	0	0	4	2	-	2	1.83	-	
	Cannich	9 9	350	11.6	4.2	7.9	-	17.2	13	-3.3	30	-	-	7.95	159	1.07	25	25	23	0	0	0	0	0	0	2	10	0	-	-	
	Dalwhinnie	18-9	1176	9.9	5.2	7.5	-	14.8	13	-2.0	27	-	-	9.71	175	1.71	22	26	24	0	0	0	0	0	0	1	5	0	1.71	-	
	Inverness	9 9	13	12.6	7.0	9.8	-	18.3	2	1.7	30	-	-	4.00	-	.65	17	23	20	0	0	0	0	0	0	0	2	0	2.87	-	
	Achnagoichan	9 9	1000	11.1	5.1	8.1	-	16.7	14	-0.6	30	8.7	-	5.55	-	.98	17	25	23	-	-	-	-	-	-	1	8	1	-	-	
	Glenmore Lodge	9 9	1120	11.0	4.8	7.9	-	17.2	13	-1.8	30	-	-	8.42	-	1.44	22	25	22	1	0	1	0	0	0	2	9	2	2.41	-	
1 SCOTLAND, E.																															
Nairn	Nairn	9 9	20	12.9	6.0	9.5	+0.6	18.3	2,13	-0.6	30	-	-	3.03	111	.42	17	26	20	0	0	1	0	0	0	1	5	2	2.87	95	
	Grantown-on-Spey	9 9	720	11.8	3.4	7.6	-	17.2	1,2	-3.3	30	-	-	4.78	-	.98	17	26	23	-	0	-	-	-	1	4	9	1	-	-	
	Forres	9 9	155	12.7	6.4	9.5	-	19.4	2	0.6	30	9.6	11.0	2.89	107	.33	27,28	22	17	0	0	0	0	0	0	0	4	0	2.95	-	
	Kinloss	21-9	15	13.0	6.6	9.8	-	19.2	13	-0.1	30	-	-	2.70	-	.29	17	22	17	0	0	0	1	1	0	1	4	1	2.82	-	
	Elgin	9 9	92	13.2	7.1	10.1	-	19.4	13	1.7	27,30	-	-	2.67	-	.55	20	20	17	0	0	0	0	0	0	0	3	1	3.13	-	
	Lossiemouth	9 9	21	12.8	6.1	9.5	-	20.0	2	-1.1	30	-	-	2.32	-	.38	20	19	16	0	0	0	0	1	0	2	3	8	-	-	
	Gordon Castle	9 9	104	13.1	5.6	9.3	+0.5	20.0	13	-0.6	27	-	-	3.51	112	.85	20	19	13	-	0	-	-	-	1	-	-	3.17	107		
Banff	Glenlivet	9 9	1085	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Aberdeen	Braemar	9 9	1113	10.9	4.2	7.5	+0.8	16.7	13	-2.8	30	-	-	6.22	151	1.47	22	25	19	-	0	-	-	-	0	2	16	-	2.00	-	
	Balmoral	9 9	927	11.3	4.6	7.9	+1.1	16.7	13	-3.9	30	-	-	5.79	156	1.30	17	24	20	0	0	0	0	0	-	3	8	1	-	-	
	Logie Coldstone	9 9	608	12.0	4.7	8.3	+0.7	18.9	13	-3.9	30	-	-	4.57	-	.90	7	21	16	-	0	-	-	-	-	2	-	-	-	-	
	Huntly	9 9	405	12.7	5.6	9.1	-	19.3	13	-0.6	30	-	-	5.68	-	1.33	18	20	14	0	0	1	0	0	0	2	4	0	-	-	
	Fyvie Castle	9 9	218	12.7	5.8	9.3	-	17.8	14	-1.1	27,30	-	-	4.53	-	.86	22	18	15	-	0	-	-	-	-	2	5	-	2.73	-	
	Craibstone	9 9	300	11.9	6.6	9.3	+1.0	18.3	14	1.1	30	10.2	11.1	4.51	126	.84	22	19	12	0	0	0	0	0	2	0	1	4	3.11	95	
	Dyce	21-9	190	12.4	6.3	9.3	-	18.2	14	-1.6	30	-	-	4.05	108	.73	22	17	12	0	0	0	1	0	1	1	4	1	3.26	-	
	Aberdeen	9 9	170	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Udny	9 9	363	12.2	6.2	9.2	-	17.8	14	2.2	27	-	-	3.79	-	.70	22	19	13	0	0	0	0	0	2	0	5	0	3.16	-	
Kineardine	Rattray Head	21-9	85	12.0	7.3	9.7	-	17.5	14	0.3	30	-	-	2.81	94	.47	5	20	13	0	0	0	0	0	2	0	-	6	2.91	-	
	Fettercairn	9 9	560	11.6	5.7	8.7	-	15.0	13,22	0.6	30	-	-	4.66	-	.84	22	20	15	0	0	1	0	0	7	0	17	1	2.29	-	
	Stonehaven	9 9	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Muchalls	9 9	210	12.0	7.0	9.5	-	15.0	10,13,15	1.7	30	-	-	3.72	-	.56	22	18	13	0	0	0	0	0	1	0	2	0	-	-	
Angus	Dundee (Mylnefield)	9 9	100	12.7	6.4	9.5	-	16.1	2,4	0.0	30	9.9	11.3	2.49	-	.38	23	25	16	0	0	1	0	0	0	1	5	2	3.51	-	
	Auchterhouse	9 9	780	11.3	5.0	8.1	-	15.6	4,7	-1.1	30	9.6	10.2	2.98	-	.38	23	25	20	1	0	0	1	0	4	1	9	0	3.27	-	
	Dundee	9 9	147	12.9	7.2	10.1	+1.3	17.2	4	1.1	30	10.3	-	2.79	89	.41	23	25	19	0	0	0	0	0	-	0	9	0	3.33	108	
	Glamis Castle	9 9	200	12.3	5.3	8.8	-	16.7	4	-2.2	30	-	-	3.31	-	.67	22	25	17	1	0</										

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER OCTOBER 1961

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	Per-centage of Average	Most in a day		Precip'n 40 in. (0.2mm.) or more	40 in. (1-flum.) or more	Snow or Sleet	Snow lying at 9h.	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. 11°C or less	Gale	Daily Mean	Per-centage of Average																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
				A Max.	B Min.			Maximum	Date	Minimum	Date	Amount	Date																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
				ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	1 ft.	4 ft.	in.	%	in.	Date	40 in. (0.2mm.) or more	40 in. (1-flum.) or more	in.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.	at 9h.

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER OCTOBER 1961

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				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. 0°C. or less	Gale	Daily Mean	Per-centage of Average	
				A Max.	B Min.	Mean Temperature	Difference from Average	Maximum	Date	Minimum	Date					Amount	Date	0.1 in. (0.2mm.) or more	0.1 in. (1.6mm.) or more												
		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.														hr	%	
5 ENGLAND, S.E.—cont. Surrey	Wisley ...	9 9	150	15.2	7.2	11.2	+0.7	20.6	10	0.0	30	12.4	14.0	2.51	99	.56	26	19	11	0	0	0	0	4	5	1	4	2	3.71	120	
	Mickleham ...	9 9	179	15.1	6.5	10.8	-	20.0	10	-1.1	30	-	-	3.48	122	.60	27	19	13	0	0	0	0	3	2	1	8	1	-	-	
	Kew Observatory §§	21-9	18	15.0	9.0	12.0	+1.1	20.2	10	2.3	29	12.1	14.2	1.94	86	.39	26	14	10	0	0	1	0	3	4	0	3	0	3.97	128	
	Gatwick ...	21-9	192	15.5	6.4	10.9	-	20.5	10	-0.9	30	-	-	4.07	-	.95	27	17	13	0	0	2	0	3	2	2	5	0	4.00	-	
	Croydon (Waddon)	9 9	220	15.3	7.8	11.5	+0.6	21.1	2	0.6	30	-	-	3.60	135	.63	22	16	10	-	-	-	-	-	-	-	-	-	-	-	
Kent	Addington ...	9 9	474	14.3	8.1	11.2	+0.9	19.4	10	3.3	30	-	-	4.05	139	.72	27	18	16	-	-	-	-	-	1	0	-	-	-	-	
	Bromley ...	9 9	213	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Swanley ...	9 9	177	15.4	6.9	11.1	-	21.1	10	-1.1	30	12.7	-	3.47	-	.82	27	16	11	0	0	0	0	4	3	2	5	0	3.76	-	
	Dartford ...	9 9	17	15.8	7.3	11.5	-	21.1	10	0.6	30	-	-	2.94	140	.70	27	18	12	0	0	0	0	2	3	0	-	0	-	-	
	Tunbridge Wells	9 9	351	14.9	6.1	10.5	+0.3	21.1	10	-1.7	30	11.8	14.1	4.46	137	1.00	24	13	12	0	1	0	3	2	1	1	2	1	4.45	123	
	Goudhurst ...	9 9	280	15.4	6.7	11.1	-	20.6	10	-1.7	30	-	-	4.37	120	1.04	24	18	12	0	0	0	0	1	2	1	1	2	-	-	
	East Malling §§	9 9	122	15.9	6.7	11.3	+1.2	21.7	10	-0.6	30	-	13.9	4.12	146	1.07	25	17	10	0	0	0	1	1	2	1	3	0	4.28	125	
	Benenden ...	9 9	195	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Gillingham ...	9 9	10	16.2	7.9	12.1	-	22.8	10	1.1	30	-	-	3.06	-	.61	4	18	10	0	0	0	0	0	2	0	-	0	3.97	-	
	Sittingbourne	9 9	224	15.4	7.6	11.5	-	20.6	10	0.6	30	12.4	13.9	3.71	-	.71	24	14	9	0	0	0	0	1	1	0	6	3	4.88	-	
	Isle of Grain ...	9 9	9	15.8	9.2	12.5	-	21.7	10	1.7	30	-	-	2.11	-	.57	4	14	8	-	-	-	-	2	0	2	-	-	3.95	-	
	Throley ...	9 9	493	15.1	7.3	11.2	-	19.4	10	1.7	30	12.4	13.9	3.82	-	.89	24	17	14	0	0	0	0	0	0	8	4	4.16	-		
	Faversham ...	9 9	157	15.1	7.7	11.4	-	20.6	10	0.0	30	12.7	14.3	2.92	-	.64	24	16	10	0	0	0	0	2	1	1	2	1	4.54	-	
	Dungeness ...	21-9	10	15.7	10.6	13.1	-	19.0	10	0.6	30	-	-	4.52	148	.67	27	18	16	0	0	0	0	1	0	0	-	8	-	-	
	Wye ...	9 9	185	15.7	7.9	11.8	+1.4	20.6	10	0.6	30	-	-	4.38	128	.97	27	17	14	0	0	0	1	1	1	0	2	3	4.06	112	
	Whitstable ...	9 9	9	15.7	8.2	11.9	-	21.7	10	0.0	30	-	-	2.87	116	.94	27	15	10	0	0	0	0	0	2	1	-	2	4.03	-	
	Folkestone ...	9 9	128	16.1	10.6	13.3	-	21.1	10	5.0	18	-	15.8	4.74	155	.88	25	18	15	-	-	-	-	0	0	0	-	-	4.69	-	
	Wingham (Elmstone)	9 9	28	15.7	7.1	11.4	-	20.6	11	0.0	30	-	-	3.23	-	.64	24	18	14	-	-	-	-	1	1	2	-	-	-	-	
	Herne Bay ...	9 9	21	15.6	9.3	12.5	-	21.1	10	3.9	30	-	-	2.90	112	.93	27	15	8	0	0	0	0	0	2	0	-	0	3.82	-	
	Dover ...	9 9	19	15.9	10.4	13.1	+1.3	20.0	10	4.4	30	14.5	15.9	5.20	156	1.03	24	18	14	0	0	0	0	0	0	0	6	-	4.55	-	
	Dover R.M.S. ...	9 9	402	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Deal ...	21-9	18	15.8	10.3	13.1	-	20.5	10	3.8	30	-	-	4.46	-	1.20	27	15	12	0	0	0	0	0	1	0	1	0	-	-	-
	Ramsgate ...	9 9	80	15.6	10.6	13.1	-	19.4	10, 11	3.9	30	-	-	3.15	117	.57	24	17	14	0	0	0	0	0	0	0	-	-	4.25	113	
	Manston ...	21-9	145	15.3	8.5	11.9	-	19.6	10	2.7	30	-	-	2.59	-	.53	24	15	14	0	0	0	0	0	2	0	1	1	-	-	-
Sussex	Margate ...	9 9	51	15.1	10.4	12.7	+0.6	20.0	10	5.0	30	13.2	15.0	2.48	100	.53	24	18	12	0	0	0	0	2	0	0	2	4.23	113		
	Thorney Island	21-9	10	16.0	9.1	12.5	-	19.8	4	2.1	30	-	-	2.96	103	.69	24	15	10	0	0	0	3	2	1	0	2	0	4.79	-	
	Bognor Regis ...	9 9	24	15.4	10.1	12.7	+1.2	18.3	10, 11	3.9	30	-	15.3	3.26	106	.76	24	18	10	0	0	0	3	3	0	0	0	3	5.16	131	
	Littlehampton ...	9 9	15	15.8	9.2	12.5	+1.1	18.9	4, 5, 10	2.8	31	-	14.8	5.04	167	.98	25	19	14	0	0	0	0	3	0	0	-	1	4.69	120	
	Rustington ...	9 9	10	15.8	8.7	12.3	-	18.9	4, 10	1.7	31	-	14.0	4.68	-	.91	25, 27	17	12	-	-	-	-	1	0	1	-	-	4.19	-	
	Worthing ...	9 9	25	16.1	10.2	13.1	+1.5	19.4	9, 10	5.0	30	13.1	14.8	3.33	113	.80	24	20	12	0	0	0	0	4	0	0	1	4.92	122		
	Brighton ...	9 9	32	15.9	10.4	13.1	-	19.4	10	3.3	30	-	15.3	3.35	118	.91	24	16	11	0	0	1	0	1	1	0	0	3	4.52	-	
	East Grinstead ...	9 9	440	16.1	6.2	11.1	-	20.6	10	-0.6	31	13.1	-	5.15	-	1.08	27	16	13	0	0	0	0	2	2	1	3	1	-	-	
	Seaford ...	9 9	45	15.9	9.5	12.7	-	21.1	5	2.2	30	-	-	-	-	-	-	-	-	-	-	-	-	1	0	-	-	4.49	-		
	Eastbourne ...	9 9	35	15.4	10.1	12.7	+0.9	19.4	10	3.9	30	14.2	15.9	4.40	123	.95	24	19	15	0	-	0	0	1	0	0	1	2	4.95	126	
	Eastbourne (C/guard)	21-9	17	16.1	9.8	12.9	-	19.2	2	2.9	30	-	-	4.43	-	.89	24	19	14	0	0	0	0	0	0	0	1	0	-	-	
	Bexhill ...	9 9	14	15.6	9.8	12.7	+1.1	19.4	10	4.4	31	14.1	-	4.00	125	.76	24	16	12	0	0	0	0	0	0	0	3	4.34	-		
	Sedlescombe ...	9 9	175	15.3	7.6	11.5	-	21.1	10	1.7	30	-	-	4.81	-	.90	24	22	12	0	1	0	-	2	2	0	6	1	-	-	
	Bodiam ...	9 9	73	16.0	7.0	11.5	-	20.6	10	-0.6	30	13.3	14.5	4.53	-	1.04	24	18	11	-	-	-	-	2	1	4	-	-	4.08	-	
Berkshire	Hastings ...	9 9	149	15.6	10.3	12.9	+1.2	18.9	2, 3, 10	5.0	18	13.2	15.1	3.94	121	1.00	27	16	11	0	0	0	0	3	0	0	3	4.66	119		
	Letcombe Regis	9 9	350	15.0	5.4	10.2	-	20.0	10	-1.7	30	-	-	3.05	-	.63	6	21	14	0	0	1	0	1	4	5	-	1	-	-	
	Abingdon ...	21-9	210	15.3	7.1	11.2	-	21.0	10	-1.3	30	-	-	2.53	103	.45	21	19	15	0	0	1	0	2	6	1	4	0	4.04	-	
	Compton ...	9 9	339	14.7	5.9	10.3	-	19.4	10	-2.8	30	12.8	-	3.40	-	.94	21	19	16	0	0	0	1	1	3	2	8	0	4.85	-	
	Woolhampton ...	9 9	370	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER OCTOBER 1961

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 0.01 in (0.2mm.) or more 0.01 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. (°C)	Gale	Daily Mean	Per-centage of Average				
			A	B		Maximum	Date	Minimum	Date	1 ft.	4 ft.			Amount	Date																
			Max.	Min.		Max.	Min.	Max.	Min.	Max.	Min.			Max.	Min.													Max.	Min.		
G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.											hr	%					
7a ENGLAND, N.W.																															
Cumberland	Sellafield ...	99	43	13.8	7.6	10.7	-	17.8	3,4	3.9	29,30	-	-	6.62	140	.94	27	23	23	0	0	0	0	0	0	0	0	3.34	-		
	Carlisle ...	21-9	86	13.6	7.3	10.5	-	18.2	4	2.3	14	-	-	4.29	-	.59	27	22	18	0	0	4	0	0	0	0	0	2.88	-		
	Newton Rigg †§	99	560	12.7	6.5	9.6	+1.0	17.2	14	0.0	30	9.9	-	5.66	149	.82	22	22	19	0	0	0	0	1	1	3	0	3.05	111		
	Spadeadam ...	99	900	11.4	5.6	8.5	-	16.1	2,6	0.6	18	8.6	10.2	5.57	-	.86	9	25	21	1	0	0	5	2	1	0	2	3.04	-		
Westmorland	Ambleside ...	99	151	13.2	7.1	10.1	-	17.2	4	0.0	29	-	-	11.16	134	1.63	16	24	20	0	0	3	0	2	1	1	-	2.20	-8		
	Great Dun Fell ...	-	2780	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.71	-		
Lancashire	Moor House ...	99	1840	9.3	4.2	6.9	-	13.9	3,6	0.0	13	7.9	-	11.36	-	2.69	16	25	22	0	0	2	0	0	1	1	4	6	2.20	-	
	Barrow-in-Furness	99	55	14.1	8.6	11.3	-	17.2	2,4,6	5.0	14	12.1	-	4.81	-	.61	16	22	20	0	0	0	0	0	0	0	1	5	-	-	
	Squires Gate ...	21-9	33	14.0	8.1	11.1	-	18.8	4	2.0	13	-	-	3.86	105	.68	16	25	19	0	0	0	0	0	0	0	1	5	3.44	-	
	Urswick ...	99	130	13.8	7.4	10.6	-	17.2	4,6	2.8	29,30	-	-	5.93	-	.72	16	22	20	0	0	0	3	4	1	0	-	5	-	-	
	Poulton-le-Fylde	99	38	14.2	7.7	10.9	-	19.4	6	2.8	15	-	-	3.62	-	.77	16	24	15	0	0	0	0	0	1	0	-	3	-	-	
	Grizedale ...	99	300	12.9	6.0	9.5	-	17.2	4	-1.1	29	10.9	-	8.11	-	1.60	16	23	22	0	0	0	0	2	0	2	2	0	-	-	
	Speke ...	21-9	80	14.2	8.6	11.4	-	18.4	4	3.5	29	-	-	3.07	98	.61	16	22	14	0	0	0	0	0	1	0	0	2	3.58	-	
	Kirkham ...	99	77	13.9	7.7	10.8	-	18.9	4	0.6	29	-	-	4.83	117	.94	16	24	20	0	0	2	0	0	2	0	4	0	3.36	-	
	Garstang ...	99	68	14.1	8.2	11.1	-	18.3	4	3.3	29	-	-	5.81	-	.97	16	23	20	0	0	0	0	0	2	0	0	0	3.50	-	
	Morecambe ...	99	24	13.8	8.2	11.0	+0.7	18.3	6	3.9	28	-	-	5.07	121	.76	9	22	21	0	0	0	0	1	0	0	-	0	3.26	103	
	Preston (Moor Pk.)	99	108	14.0	8.0	11.0	-	18.9	4	2.8	29	-	-	5.85	138	1.13	16	25	20	0	0	0	2	0	2	0	2	1	-	-	
	Bolton ...	99	352	13.5	6.4	9.9	+0.2	18.3	4,6	1.1	30	10.6	11.5	6.61	-	1.82	16	26	21	0	0	0	0	0	2	0	8	0	3.41	-	
	Darwen ...	99	724	12.3	6.5	9.4	+0.4	16.7	4	2.2	25,30	10.4	11.6	8.16	139	2.06	16	26	25	0	0	0	0	0	0	0	0	-	0	-	-
	Stonyhurst †§	99	377	13.3	7.1	10.2	+0.8	18.9	5	2.2	30,31	-	-	6.16	116	1.59	16	24	21	-	0	-	-	-	0	0	0	-	3.24	115	
	Manchester	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Weather Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Helmshore ...	99	854	12.2	6.4	9.3	-	16.1	4,6	2.2	12	10.2	-	7.87	-	1.95	16	25	23	-	0	-	-	-	3	0	3	-	3.66	-	
	Manchester	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	(Smokeless Zone)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cheshire	Burnley ...	99	655	12.7	6.8	9.7	-	16.7	4,6,14	1.1	29,30	11.1	11.8	5.50	-	1.55	16	23	23	0	0	0	0	0	0	0	3	1	3.41	-	
	Nelson ...	99	540	12.9	5.6	9.3	-	17.2	4,14	2.2	29	10.7	12.1	5.41	110	1.54	16	24	18	-	0	-	-	-	0	0	3	-	3.39	-	
	Rochdale ...	99	362	13.4	6.4	9.9	-	18.9	4	0.6	30	-	-	6.18	-	1.54	16	25	21	0	0	1	0	0	3	0	1	2.95	-		
	West Kirby Park	99	17	14.6	8.3	11.5	-	18.9	4,9	4.4	12	-	-	3.21	-	.59	16	23	21	-	0	-	-	-	-	0	0	-	4.07	-	
	Bidston Obs'y. †§	99	198	13.3	8.4	10.9	+0.7	17.2	4,9	5.6	25	-	-	3.37	112	.48	16	23	19	-	-	-	-	-	0	0	0	-	3.93	127	
	Northwich (Winnington)	99	65	14.4	7.7	11.1	-	18.3	4	1.7	29	-	-	2.99	96	.51	16	20	16	0	0	0	1	0	2	0	2	5	-	-	
	Manchester Airport †§	21-9	248	13.7	7.9	10.8	+1.0	18.6	4	3.3	29	-	-	3.83	118	.60	16	23	18	0	0	0	1	0	1	0	0	-	3.71	145	
	Macclesfield ...	99	500	13.4	7.5	10.5	+1.2	18.3	4	2.8	29	-	-	4.51	125	.90	10	25	19	0	0	0	0	0	2	0	-	1	-	-	
7b NORTH WALES																															
Flint	Rhyl ...	99	31	14.6	8.0	11.3	+0.5	19.4	4	2.8	29	-	-	2.92	98	.48	27	21	16	0	0	0	1	1	0	0	5	3.76	119	-	
	Prestatyn ...	99	12	14.8	8.6	11.7	-	18.9	4	4.4	15	-	-	2.75	89	.46	16	21	16	0	0	0	0	0	0	0	-	0	-	-	
Anglesey	Hawarden Bridge	99	17	14.6	7.4	11.0	+1.4	19.4	9	0.6	29	-	-	2.54	88	.34	22	24	15	0	0	0	2	0	1	0	-	1	-	-	
	Holyhead (Valley)	21-9	26	14.1	9.1	11.6	+0.2	18.0	6	4.1	29	-	-	7.06	184	1.03	4	24	19	0	0	3	0	2	0	0	7	3.61	110	-	
Denbigh	Colwyn Bay ...	99	118	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Alwen ...	99	1100	12.1	4.8	8.5	-	18.3	14	-2.8	29	-	-	6.62	-	1.16	17	26	22	-	-	-	-	-	3	7	-	-	-	-	
	Ruthin ...	99	248	14.3	7.3	10.8	-	18.9	14	1.7	29	-	-	4.03	-	.64	17	20	19	-	0	-	-	-	0	0	-	-	-	-	
	Bwlchgwyn ...	99	1267	11.3	6.1	8.7	-	16.1	4	2.8	18,29,30	9.6	-	5.27	-	.93	17	27	22	0	0	1	0	00	33	0	3	0	-	-	
Caernarvon	Ruabon ...	99	312	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Wrexham ...	99	275	14.3	6.9	10.6	-	18.3	4,9,26	2.2	29	11.4	12.8	3.26	-	.56	17	24	16	0	0	1	0	1	3	0	9	0	-	-	
	Bardsey Island ...	21-9	60	13.9	10.8	12.3	-	16.4	9	7.8	29	-	-	5.73	-	.66	4	23	20	-	-	-	-	-	0	0	-	-	-	-	
	Botwnnog ...	99	112	13.9	8.6	11.3	-	17.2	3,6,13	3.9	29	11.9	13.5	6.94	-	1.16	5	22	20	0	0	0	2	3	0	0	1	3	3.41	-	
	Bryn Adda ...	99	275	14.0	8.5	11.3	-	18.9	3	4.4	29	-	-	6.13	-	.72	16	24	19	0	0	0	1	2	0	0	2	3	3.01	-	
	Cwm Dyli ...	99	324	13.9	9.2	11.5	-	18.9	9,13	1.7	29	11.8	-	15.96	-	2.78	16	27	26	-	-	-	-	-	0	0	6	-	-	-	
Merioneth	Aber ...	99	60	14.6	8.6	11.6	+0.4	19.4	3	5.6	13,18,29	-	-	6.43	137	.86	26	25	19	0	0	1	0	2	0	0	2	2.63	96	-	
	Llandudno †§	99	13	14.4	9.0	11.7	+0.4	18.9	9	3.9	29	-	-	3.66	113	.54	16	19	15	0	0	1	0	1	0	0	5	3.32	104	-	
	Llyn Stwlan ...	99	1636	9.9	5.6	7.7	-	15.0	14	0.0	18	-	-	14.84	-	2.67	31	26	23	-	-	-	-	-	1	4	-	-	2.23	-8	
	Blaenau Ffestiniog	99	750	12.8	7.7	10.3	-	16.7	4,13,14	3.3	29</																				

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER OCTOBER 1961

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				Rainfall			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.		Mean Temperature Mean of A and B	Maximum	Date	Minimum	Date	Total Fall	Per-centage of Average	Amount	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. 0°C. or less	Gale	Daily Mean	Per-centage of Average
		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%									
8b ENGLAND, S.W.																																							
Somerset	Hawkridge (Liscombe)	99	1030	-	6.6	-	-	-	-	0.6	30	-	-	6.73	-	.69	6	26	22	0	0	0	3	0	0	0	0	0	0	-	-								
	Cannington	99	95	15.0	7.7	11.3	-	19.4	9	-1.1	30	12.8	-	3.03	96	.60	6	22	16	0	0	0	0	0	1	1	3	0	3.84	-									
	Weston-s.-Mare	99	28	15.3	8.4	11.9	-	20.6	4	0.6	30	-	-	2.70	75	.37	6,22	18	16	0	0	0	0	0	2	0	3	0	3.56	107									
	Long Ashton	99	162	14.9	7.8	11.3	+0.7	19.4	4,10	0.0	30	12.9	-	3.38	85	.63	22	23	15	0	0	0	1	0	3	1	5	0	3.54	109									
	Bath (City)	99	388	14.3	7.6	10.9	-	19.4	10	0.0	30	-	-	2.66	-	.47	26	18	14	0	0	0	0	0	2	1	-	0	-	-									
Dorset	Boys' School	99	67	15.3	7.7	11.5	+0.7	20.6	10	-1.1	30	13.1	14.4	2.73	84	.47	26	20	13	0	0	0	0	0	3	1	3	2	3.74	113									
	Bath	99	35	15.4	11.4	13.4	+0.8	18.5	10	6.0	30	-	-	3.50	121	.93	21	15	13	0	0	0	1	0	0	-	9	-	-										
	Portland Bill	21-9	16	16.0	10.3	13.1	+1.0	19.4	10	2.2	30	-	-	4.53	140	.78	22	19	15	-	-	-	-	1	0	-	-	4.71	126										
	Weymouth	99	680	13.8	7.5	10.7	+0.6	17.8	4	1.1	30	-	-	4.58	137	.74	6	20	18	-	-	-	-	3	0	-	-	-	-										
	Shaftesbury	99	37	15.4	9.7	12.5	-	19.4	10	2.8	30	-	15.5	4.99	-	.90	21	14	0	-	0	0	4	1	0	0	1	4.31	-										
Devon	Swanage	99	37	15.4	9.7	12.5	-	19.4	10	2.8	30	-	15.5	4.99	-	.90	21	14	0	-	0	0	4	1	0	0	1	4.31	-										
	Poole	99	18	16.2	8.1	12.1	-	20.6	10	-0.5	30	-	-	5.13	-	(1.22)	21	17	15	0	0	0	1	1	1	-	0	4.58	-										
	Hartland Pt.	21-9	298	13.7	10.0	11.9	-	17.4	3	6.5	30	-	-	6.43	-	.84	10	24	21	0	0	0	5	0	3	0	0	10	2.78	-									
	Plymouth (Mt. Batten)	21-9	87	14.8	9.2	12.0	+0.1	17.8	10	1.3	30	-	-	5.78	151	1.19	6	23	20	0	0	2	0	0	0	3	4	3.47	95										
	Plymouth (The Hoe)	99	119	15.1	9.1	12.1	+0.2	17.2	5,14,21	2.2	29,30	13.1	14.7	5.87	154	1.16	6	23	22	0	0	0	0	1	0	0	4	6	3.42	91									
Cornwall	Tavistock	99	457	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
	Chivenor	21-9	20	15.2	9.0	12.1	-	20.2	3	1.6	30	-	-	7.35	-	1.96	4	25	19	0	0	0	2	3	1	0	0	2	3.23	-									
	Ilfracombe	99	25	14.9	10.1	12.5	+0.3	19.4	3	5.0	29	12.9	14.7	8.63	197	2.01	4	23	20	0	0	0	0	0	0	0	2	2.92	92										
	Princetown	99	1359	-	-	-	-	-	-	-	-	-	-	11.31	125	1.40	6	25	23	-	-	-	-	-	-	-	-	-	-										
	Totnes	99	120	15.6	7.5	11.5	-	20.0	10	-1.7	29,30	13.2	14.2	6.37	140	.98	6	22	18	0	0	0	1	8	2	7	2	3.32	-										
Northern Ireland	Slapton	99	104	15.6	9.2	12.4	-	18.9	10	4.4	20,30	-	-	5.95	-	.90	6	21	20	0	0	1	0	1	0	0	0	1	-	-									
	Newton Abbot	99	272	15.1	7.7	11.4	+0.3	18.9	3	1.1	29	-	-	5.22	136	.88	6	23	18	0	0	0	0	1	0	3	0	3.65	102										
	Paignton	99	8	15.7	8.7	12.2	-	19.4	10	1.1	30	-	-	5.30	144	1.07	6	21	18	0	0	0	3	0	1	0	5	0	3.51	94									
	Torquay	99	26	15.4	9.2	12.3	+0.3	18.3	3,10	2.8	29,30	-	15.3	5.09	153	.96	6	21	17	0	0	0	0	1	1	0	1	5	4.39	115									
	Teignmouth	99	20	15.3	9.6	12.5	+0.6	18.9	10	2.8	29,30	-	-	3.99	123	.73	4	22	18	0	0	0	0	1	0	0	2	3.75	100										
Northern Ireland	Starcross	99	29	15.2	7.8	11.5	-	18.3	9,10	0.6	30	12.4	-	3.61	-	.56	3	19	15	0	0	0	0	1	2	0	5	0	4.28	-									
	Exeter (Southam)	99	160	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
	Exmouth	99	195	14.7	8.4	11.5	+0.3	17.8	9,10	1.1	29,30	-	-	4.07	126	.77	4	20	17	0	0	1	0	3	1	0	-	4.03	114										
	Exeter	21-9	106	15.1	7.7	11.4	-	18.7	10	-1.3	30	-	-	3.16	98	.76	6	22	14	0	0	1	0	2	2	4	0	3.80	-										
	Sidmouth	99	25	15.3	9.3	12.3	+0.8	18.3	3	2.2	30	-	-	3.31	-	.46	3,6	17	16	-	-	-	-	-	-	0	0	-	4.14	-									
Northern Ireland	St. Mary's, Scilly	21-9	158	14.4	10.8	12.6	0.0	16.8	11	7.1	30	-	-	3.50	98	.64	6	21	18	0	0	0	0	0	1	0	-	12	2.67	69									
	Penzance	99	62	15.1	9.6	12.3	0.0	18.3	13	3.3	29,30	-	-	6.09	140	1.02	9	25	24	0	0	2	0	1	0	0	2	6	3.08	81									
	Gulval	99	50	14.8	9.8	12.3	+0.3	17.2	3,9,13	3.9	29	-	-	5.75	-	.94	6	26	23	-	-	-	-	-	-	-	-	2.74	73										
	Culdrose	99	268	14.1	9.1	11.6	-	17.2	3	3.3	29	-	-	4.73	-	.90	9	25	23	0	0	2	0	1	0	0	1	3	3.12	-									
	Camborne (Rosewarne)	99	250	14.1	9.4	11.7	-	17.2	3	3.9	29,30	12.4	13.8	6.05	-	1.53	9	25	21	0	0	4	0	0	0	2	3	2.76	-										
Northern Ireland	Lizard	99	240	14.6	9.7	12.1	-	17.0	3,10,12	5.1	20	-	-	4.22	122	.80	6	24	18	0	0	0	1	-	0	-	9	3.11	-										
	Falmouth	99	167	14.4	9.1	11.7	-0.5	17.2	9,11	3.9	29,30	-	-	5.87	127	.71	6	23	21	0	0	0	0	1	1	0	2	2.87	80										
	Newquay	99	176	14.6	9.1	11.9	+0.2	18.3	9,14	2.8	29	-	-	6.21	165	1.00	9	26	23	0	0	0	0	0	-	2	2.64	73											
	St. Mawgan	21-9	337	14.2	9.0	11.6	-	18.0	14	3.2	29	-	-	6.53	-	1.23	6	24	23	0	0	2	0	1	0	0	1	3.03	-										
	St. Austell	99	310	14.6	8.6	11.6	-	18.3	14	3.9	29,30	31	-	7.72	154	.89	5	25	22	0	0	0	0	0	0	0	-	2	-	-									
Northern Ireland	Fowey	99	51	15.2	9.6	12.4	+0.3	18.3	14	2.8	30	-	-	5.51	-	.64	6	23	21	0	0	0	0	1	0	-	2	-	-										
	Bude	99	50	14.9	8.9	11.9	+0.3	18.3	3,9,14	1.7	30	11.6	-	5.90	156	.74	9	25	21	-	-	-	-	-	-	-	-	3.06	84										
	Ellbridge	99	190	14.9	7.5	11.2	-	18.3	14	0.0	29	-	-	6.47	-	1.22	6	23	20	0	0	0	0	0	1	1	3	1	3.41	-									
	NORTHERN IRELAND																																						
	Londonderry	Eglinton	99	46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
Ballykelly		21-9	3	12.8	7.2	10.0	-0.2	18.4	13	2.7	4	-	-	3.79	105	.76	22	24	17	0	0	4	0	0	0	0	3	2	3.97	140									
Garvagh		99	121	12.7	6.2	9.5	+0.3	16.7	7,12	2.2	27	10.9	-	5.31	119	.88	22	26	20	0	0	1	0	1	0	10	3	-	-										
Portrush		99	18	-	-	-	-	-	-	-	-	-	-	3.82	-	.78	16	25	18	-	-	-	-	-	-	-	-	-	3.76	-									
Aldergrove		21-9	217	12.6	6.8	9.7	+0.2	17.8	3	1.3	29	-	-	3.47	96	.67	22	22	19	0	0	2	0	0	0	0	3	3	3.00	109									
Antrim	Nutts Corner	21-9	338	12.4	6.8	9.6	-	17.1	3	0.4	29	-	-	4.28	106	.76	22	19	16	0	0	1	0	1	0	4	3	-	-										
	Parkmore Forest	99	779	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
	Hillsborough																																						

TABLE IV—SUMMARY OF OBSERVATIONS AT FIXED HOURS OCTOBER 1961

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 OCTOBER 1961

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.	5-6 mi.	7-12 mi.	13-24 mi.	25 mi. or over	34 or more	Beaufort Force					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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STATION	TOTAL RADIATION ON A HORIZONTAL SURFACE mw. hr./cm ²						DIFFUSE RADIATION ON A HORIZONTAL SURFACE mw. hr./cm ²						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	218	9	17	5	94.2	31	114	1	17	5	62.2	31	216	9	20	5	97.0	31
Eskdalemuir	320	2	23	26	128.4	31	136	10, 19	23	26	83.9	31	322	2	27	26	148.2	25
Cambridge	356	2	24	24	189.0	31	169	4	21	24	90.3	31	-	-	-	-	-	-
Kingsway	340	5	23	24	174.2	31	162	6	22	24	104.3	29	338	5	28	24	189.5	31
Kew	333	5	21	24	169.9	31	155	4	21	24	96.7	31	363	2	23	24	188.1	31
Aberporth	308	11, 12	41	31	165.9	31	170	1	41	31	110.8	31	-	-	-	-	-	-

TABLE VIII—NUMBER OF DAYS IN OCTOBER 1961 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°	0.0° or less	0.1° to 5.0°		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°	0.0° or less	0.1° to 5.0°
Lerwick	0	0	10	21	0	0	0	0	0	0	5	16	10	0	0	0	0	0	0	0	0
Stornoway	0	0	10	18	3	0	0	0	0	0	6	17	8	0	0	0	0	0	0	0	0
Craibstone	0	0	11	17	3	0	0	0	0	0	11	14	6	0	0	0	0	0	0	0	0
Rothsay	0	0	8	19	4	0	0	0	0	0	5	20	6	0	0	0	0	0	0	0	0
Renfrew	0	0	1	22	8	0	0	0	0	0	6	19	6	0	0	0	0	0	0	0	0
Eskdalemuir	0	0	11	14	6	0	0	0	0	0	3	12	14	2	0	0	0	0	0	0	0
Douglas	0	0	2	26	3	0	0	0	0	0	2	21	8	0	0	0	0	0	0	0	0
Cockle Park	0	0	8	16	7	0	0	0	0	0	11	18	2	0	0	0	0	0	0	0	0
Gorleston	0	0	1	14	15	1	0	0	0	0	2	16	10	3	0	0	0	0	0	0	0
Cambridge	0	0	1	15	14	1	0	0	0	0	2	7	16	6	0	0	0	0	0	0	0
Birmingham	0	0	3	15	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	21
Kew Observatory	0	0	1	16	13	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	18
Hastings	0	0	1	14	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	16
Southampton	0	0	0	9	21	1	0	0	0	0	0	0	0	0	0	0	0	0	0	4	18
Stonyhurst	0	0	2	21	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	21
Bidston Observatory	0	0	3	21	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26
Holyhead (Valley)	0	0	0	19	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	18
Falmouth	0	0	0	22	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	19
Aldergrove	0	0	3	22	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	19
Armagh	0	0	1	26	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	20

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 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. °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										
				Max. Min.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.										hr
1959		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.																	
January	Helmshore	9 9	854																									
November	Brighton	9 9	32	53.2F		48.3F												15										
"	Seaford	9 9	45			47.5F																						
1960																												
January	Helmshore	9 9	854															11										
February	Brighton	9 9	32																									
"	Plymouth (Mt. Batten)	21 9	87	10.1		8.5	+2.3																7					
"	Nairn	9 9	20		2.1	5.6	+1.5			-2.8													9					
March	Bognor Regis	9 9	24															0										
"	Midcalder	9 9	400																									
"	Point of Ayre	21 9	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.38	-		
"	Balmacara	9 9	2											5.61			13	6	-	-	-	-	-	-	-			
"	Nairn	9 9	20		4.9	8.5	+3.2			-0.6							24	24	-	-	-	-	-	-	-			
"	West Kirby Park	9 9	17																									
April	Point of Ayre	21 9	30	11.6	6.2	8.9		15.5	14, 21	2.2	4	-	-	4.30	243	.69	18	17	0	0	0	0	0	1	0	3.88	-	
"	Nairn	9 9	20		4.1	7.9	+0.8			-5.0														5				
"	West Kirby Park	9 9	17																									
"	Langar	21 9	106															14										
"	Penkridge	9 9	330		5.3	8.9																						
"	Wellingtonborough	9 9	298																									
May	Bognor Regis	9 9	24																				2					
"	Nairn	9 9	20		5.2	9.4	+0.1			-0.6																		
"	Margate	9 9	51	14.4		12.0	+0.4																					
June	Kilmarnock	9 9	115		9.1	12.9	-0.5																					
"	Nairn	9 9	20		8.8	12.9	+0.6			1.1																		
"	West Kirby Park	9 9	17																									
1961																												
March	Belfast (Stor- mont)	9 9	200																									
January	Strathyre	9 9	425														16	15										
May	Dovercourt	9 9	11																				1					
January	Guernsey	9 9	340																									
June	Cwmystwyth	9 9	989																									
May	Askham Bryan	9 9	110																						1			

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Monthly Weather Report

OF THE METEOROLOGICAL OFFICE

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

Volume 78 Number 11

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3 8078 0006 6296 7

November 1961 — *Sunny and mainly dry*

The first half of the month was mainly cyclonic with pressure low to the north of the British Isles until the 9th and low to the south from then until the 14th. Thereafter an anticyclone was centred over or near the country until the 18th when it moved eastwards to the Continent. A westerly airstream was re-established on the 23rd and persisted until the end of the month.

The mild wet weather at the end of October continued into November as a vigorous depression, moving eastwards towards Scandinavia, skirted the coast of Scotland giving heavy rain and gales in many northern districts. The 1st was the warmest day of the month over much of the country with temperatures exceeding 17°C in parts of south-east England. Fronts associated with the depression brought rain to most districts of the British Isles on the 1st, but these cleared the country during the morning of the 2nd, giving place to fairer weather with scattered showers in the afternoon. The next day, with pressure low over Scandinavia, cold northerly winds covered the British Isles, and these persisted on the 4th; there were sunny periods but showers were widespread and were occasionally of snow as far south as southern England.

Weather was milder during the next few days with frequent periods of rain and drizzle as winds backed to south-west and a complex frontal system from the Atlantic became slow moving over the British Isles. The system had cleared south-east England by the afternoon of the 8th, but there were thundery showers in all districts as a cold front wave moved northward over the North Sea. That evening winds fell light and by dawn on the 9th fog and frost were widespread, the fog persisting throughout the day locally. The next day a small depression moving eastward along the English Channel brought thundery rain to many southern districts; parts of Hampshire and Dorset had over 1 in. while 1.54 in. fell at Bournemouth.

The situation changed markedly on the 11th as a vigorous depression moved south-east over the Bay of Biscay into France. The thundery rain continued for a time in central and southern England and winds increased from the north-east reading gale force in many parts of southern England during the next three days, gales being particularly widespread on the 13th. Over England and Wales weather was wet and rather dull but parts of Scotland and Northern Ireland had sunny periods.

On the 15th a ridge of high pressure over Scotland and northern England moved southwards to cover the country and this was the beginning of a quiet, mainly dry spell which lasted for about a week. Overnight fog and frost were widespread during the latter part of the week, the fog persisting locally throughout the 22nd.

Winds over the British Isles freshened from the west on the 23rd as a depression near Iceland deepened and moved east. Weather was generally fair with good sunny periods, but with scattered showers and these became frequent on the 24th and 25th falling as snow in parts of Scotland. By dawn on the 26th overnight fog and frost were again widespread and in some persistently foggy areas temperatures failed to rise above freezing all day.

On the 27th a depression over France brought a temporary renewal of north-easterly winds to southern England, but westerly winds, associated with a deep depression over Iceland, returned to the whole

country next day and weather was generally unsettled during the last two days of the month with rain at times and sleet or snow in the north.

Pressure and Wind — Mean pressure was generally above average except in southern England, the deviation at 9 hr ranging from +2.8 mb at Eskdalemuir to -0.8 mb at Shoeburyness. Surface winds were south-westerly at first becoming north-westerly on the 3rd and 4th and south-westerly again until the 8th. Two days of light variable winds preceded and followed a spell of north-easterlies on the 11th-16th, but thereafter winds were generally south-easterly until the 22nd and south-westerly for the remainder of the month. Wind reached gale force on 16 days in Scotland and on the 1st, 2nd, 11th-15th, 17th-20th, 22nd, 26th, 27th, 29th and 30th (16 days) in England and Wales. Gales were widespread on the 13th and 30th.

Temperature — Mean temperature was generally below the 1921-50 average, the deficit being 0.2°C in England and Wales, 0.6°C in Scotland and 0.4°C in Northern Ireland; it was below the average for the first time since January 1961 at a number of places in south-west England. At Ross-on-Wye it was the coldest November since 1952. There were cold periods around the 4th, 10th and 26th but the month began and ended with mild days.

Extremes included: (England and Wales) 17.7°C at Exeter on the 1st, -8.3°C at Caldecott on the 26th, (Scotland) 15.0°C at Dunbar, Scotland -12.2°C at Braemar on the 28th; (Northern Ireland) 15.0°C at Tollymore Park Forest, -5.3°C at Aldergrove.

Rainfall — The general precipitation expressed as a percentage of the 1916-50 average was 65 over England and Wales and also over Scotland and 81 over Northern Ireland. Less than 25 per cent of the average occurred around Lyme Bay, but the average was exceeded in the Folkestone area, around Cardigan Bay and over much of the Clyde Valley.

Thunder was heard in Scotland on 10 days and in England and Wales on the 2nd, 3rd, 8th-11th, 14th, 28th and 29th (9 days). Thunderstorms were widespread on the 10th and 28th and heavy in southern England on the 10th.

Snow or sleet occurred on 17 days in Scotland and was reported as covering the ground in places on 9 days. It occurred at one place or another in England and Wales on the 3rd, 4th, 8th, 9th, 11th, 24th, 25th, 27th, 28th, 29th (10 days) and was widespread in eastern England on the 4th.

Sunshine — The general sunshine expressed as a percentage of the 1921-50 average was 110 over England and Wales, 117 over Scotland and 93 over Northern Ireland. Sunshine was 133 per cent of the average in north-west England but below the average in the south-west. At Craibstone it was the sunniest November since records began in 1924. The 4th was an exceptionally sunny day the sunniest at Kew for any November day since records began.

Fog — In Scotland fog was frequent, occurring at one place or another on 25 days. In England and Wales it was reported every day of the month except the 3rd, 14th and 29th and was most prevalent from 6th to 10th and around the 22nd.

Miscellaneous Phenomena — Auroral displays were observed in Scotland on 13 nights.

MWR dup

TABLE I—DISTRICT VALUES— NOVEMBER 1961 (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. 13.9	°C. -12.0	°C. -0.7	°C. -1.2	°C. -0.9	°C. —	°C. —	% 88	-3	% 119
Eastern										
1 SCOTLAND, E.	15.0	-12.2	-0.6	-0.4	-0.6	—	—	62	-3	117
2 ENGLAND, N.E.	15.0	-5.6	-0.2	-0.4	-0.3	+0.3	+0.2	60	0	115
3 ENGLAND, E.	16.7	-6.1	-0.1	-0.1	-0.1	+0.4	+0.3	81	-2	107
4 MIDLAND COUNTIES	15.6	-8.3	-0.4	-0.3	-0.4	-0.1	+0.4	59	-2	108

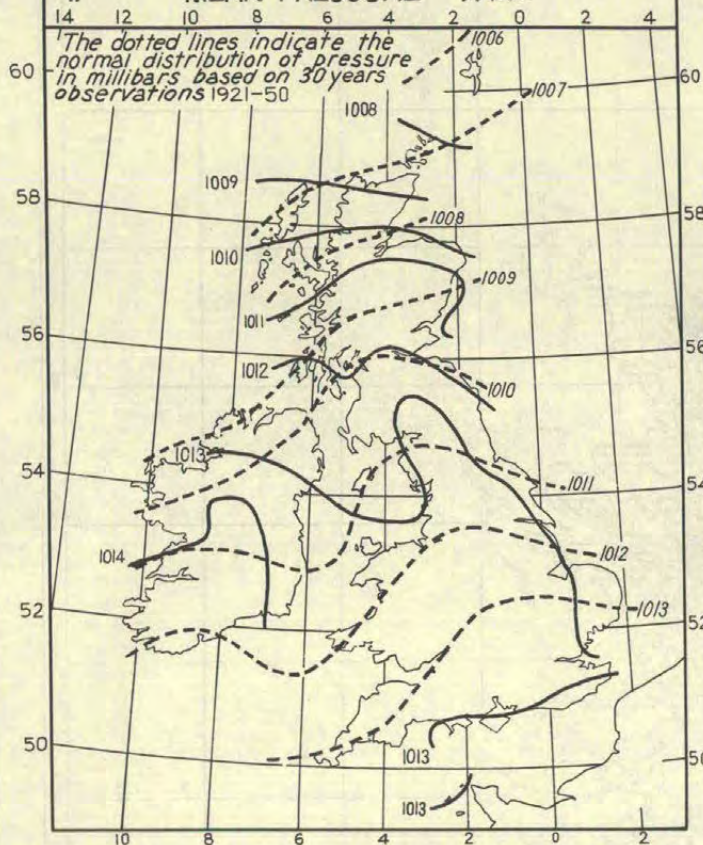
DISTRICTS	AIR TEMPERATURE					EARTH TEMPERATURE		RAINFALL		SUNSHINE
	Highest	Lowest	Difference from Average			At 1 ft. Difference from Average	At 4 ft. Difference from Average	Per-centage of Average	No. of Days Difference from Average	Per-centage of Average
			Max.	Min.	Mean					
5 ENGLAND, S.E.	17.2	-6.0	-0.4	-0.1	-0.2	-0.2	+0.2	75	-1	108
Western										
6 SCOTLAND, W.	15.0	-6.0	-0.3	-0.2	-0.3	+0.2	+0.7	77	-1	115
7 ENGLAND, N.W. (and N. Wales)	15.6	-5.0	0.0	+0.2	+0.1	+0.6	+1.0	74	-2	133
8 ENGLAND, S.W. (and S. Wales)	17.7	-5.0	-0.7	-0.2	-0.4	-0.2	0.0	49	-3	87
NORTHERN IRELAND	15.0	-5.3	-0.4	-0.4	-0.4	-	-	65	-5	93

TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— NOVEMBER 1961 (1914)

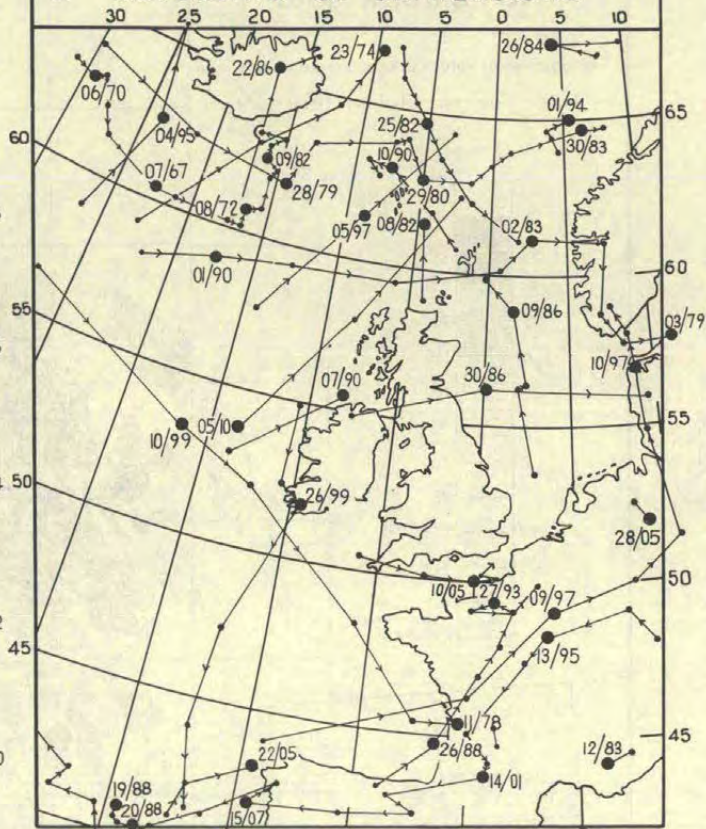
DISTRICT, COUNTY AND PLACE				Height of Vane			Distribution of Mean Hourly Values of Wind Speed								Mean Hourly Wind Speed	Highest Velocities							
				Above Mean Sea Level	Above Ground	Effective Height	34 knots or more		22 to 33 knots		11 to 21 knots	4 to 10 knots	Less than 4 knots	No Record		Highest 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.	hr.	knots	°	knots	day hr.	knots	day	h.m.	
SCOTLAND																							
0	Zetland	Lerwick	...	310	53	37	2, 23	6	18	147	257	247	63	0	13.3	220	42	23	21	63	23	2030	
	Orkney	Kirkwall (Grimsetter)	...	135	51	33	-	0	8	69	266	267	118	0	10.8	350	32	2	15	55	3	1730	
	Caithness	Dounreay	...	110	39	30	3	1	7	67	420	232	0	0	13.5	340	34	3	20	66	3	1600	
		Halkirk (Olgrinbeg)	...	272	40	40	-	0	2	21	210	387	101	1	8.9	330	26	2	15	49	3	1710	
	Ross & Cromarty	Stornoway (Coastguard)	...	120	40	36	1, 28	4	14	105	259	130	222	0	11.1	160	35	1	18	49	1	1835	
	Inverness	Duirinish	...	125	65	55	-	0	10	69	189	255	207	0	9.3	190	30	1	21	55	28	2215	
		Benbecula	...	69	51	35	-	0	13	134	220	217	149	0	12.0	240	33	23	17	56	29	0850	
1	Moray	Lossiemouth	...	106	80	66	-	0	4	38	237	259	183	3	9.2	320	29	3	08	49	3	0355	
	Aberdeen	Dyce	...	225	40	40	-	0	2	5	158	267	290	0	6.5	340	24	3	01	41	3	0040	
	Angus	Bell Rock Lighthouse	...	128	131	124	2, 3, 23, 24, 29	14	19	251	296	107	52	0	17.6	260	40	2	02	51	2	0130	
	Perth	Rannoch	...	1006	56	57	2	1	5	25	204	240	250	0	7.7	260	35	2	01	58	2	0040	
	Fife	Leuchars	...	78	40	40	-	0	5	9	216	338	157	0	8.1	220	26	1	24	44	1	2350	
	Midlothian	Edinburgh	...	485	39	23	-	0	4	9	251	267	193	0	8.3	210	27	1	23	48	1	2240	
6a	Argyll	Tiree	...	89	60	47	-	0	14	172	280	142	126	0	13.8	270	33	29	11	59	29	1025	
	Bute	Millport	...	50	34	34	-	0	6	33	301	202	166	18	10.3	200	27	1	18	48	29	1245	
	Renfrew	Paisley	...	188	81	31	-																
		Renfrew	...	71	41	39	-	0	3	8	155	296	261	0	6.1	210	27	1	22	47	29	0510	
	Ayr	Prestwick Airport	...	35	33	33	*	0	6	17	251	320	132	0	9.2	270	25	29	16	48	29	1630	
	Dumfries	Eskdalemuir	...	825	50	35	-	0	4	16	174	265	265	0	7.0	230	25	23	23	47	23	2220	
ENGLAND AND WALES																							
6b	Isle of Man	Point of Ayre	...	70	40	35	-	0	14	108	379	204	29	0	13.9	220	32	1	23	48	1	2235	
2	Durham	Durham	...	389	53	33	-	0	2	4	198	307	201	10	7.6	320	22	3	11	43	24	1235	
		South Shields	...	73	57	44	-	0	3	19	206	352	143	0	8.5	050	26	13	15	38	12	0850	
	Lincoln	Cranwell	...	288	47	47	-	0	4	24	203	340	153	0	8.7	250	30	30	12	48	30	1400	
3	Norfolk	Gorleston	...	45	33	33	*																
	Suffolk	Mildenhall	...	98	83	60	-	0	2	18	192	353	157	0	8.2	250	28	30	11	48	30	0945	
		Felixstowe	...	85	75	65	I																
	Bedford	Cardington	...	226	133	133	13, 30	18	11	90	300	237	75	0	13.2	230	44	30	13	60	30	1140	
	Hertford	Rothamsted	...	461	41	33	-	0	1	1	159	421	139	0	7.2	250	22	30	13	44	30	1550	
		Stanstead Abbots	...	138	41	40	-	0	1	3	189	281	238	9	6.5	-	23	30	11	41	30	1015	
	Essex	Coryton	...	66	57	48	-	0	1	4	222	442	37	15	9.2	030	23	13	16	43	13	1440	
		Shoeburyness	...	118	106	91	13	4	10	97	367	241	11	0	14.2	060	35	13	14	55	13	1320	
4	Yorks., W.R.	Sheffield	...	533	83	35	-	0	0	0	126	374	220	0	6.0	240	18	30	10	39	30	1145	
	Warwick	Birmingham	...	643	118	73	-	0	1	1	205	461	53	0	8.6	040	22	13	13	42	13	1250	
	Stafford	Keele	...	706	50	40	-	0	0	0	159	354	207	0	7.0	230	20	30	11	42	13	1620	
	Gloucester	Avonmouth	...	92	61	33	-	0	7	62	168	250	167	73	9.3	210	30	30	17	47	13	1820	
5	London	Kingsway	...	208	143	41	-	0	0	0	184	467	69	0	8.1	230	21	30	11	48	30	1030	
	Middlesex	London Airport	...	115	33	33	-	0	2	8	209	326	177	0	8.0	020	25	13	17	41	13	1130	
		Hampton	...	139	101	100	-	0	3	21	201	359	139	0	8.3	230	25	30	11	48	13	1150	
	Surrey	Kew Observatory	...	92	75	50	-	0	2	13	191	376	140	0	8.2	030	24	13	15	46	13	1655	
		Gatwick	...	232	38	33	-	0	3	14	185	315	206	0	7.5	240	28	30	10	44	13	1750	
	Kent	Isle of Grain	...	48	40	33	-	0	1	14	151	270	262	23	6.6	060	27	13	10	45	27	0720	
		Dungeness	...	70	50	33	*																
		Dover	...	68	38	62	13, 27	12	10	99	323	248	38	0	13.9	040	36	13	17	54	13	1325	
	Sussex	Thorney Island	...	75	65	42	-	0	1	13	224	310	173	0	8.2	230	25	30	18	47	30	1830	
	Hampshire	Southampton (Eastleigh)	...	95	60	41	I																
		Calshot	...	50	41	33	-	0	0	0	417	247	56	0	10.9	020	21	14	03	34	14	0210	
		S. Farnborough	...	318	69	35	-	0	1	16	117	369	218	0	6.5	220	26	30	11	44	30	0710	
	Berkshire	Abingdon	...	295	40	40	-	0	2	16	215	262	227	0	7.9	230	26	30	10	43	13	1405	
	Wiltshire	Larkhill	...	491	51	36	-	0	4	36	199	351	134	0	9.3	020	30	13	12	51	13	1050	
		Porton	...	406	44	44	-	0	3	13	206	310	191	0	8.2	030	24	13	17	42	13	1700	
7a	Cumberiand	Sellafield	...	83	39	35	-	0	9	82	250	317	55	16	11.8	240	30	24	15	47	24	3520	
		Spadeadam	...	959	51	40	-	0	6	38	262	265	155	0	9.5	220	30	1	24	48	1	2315	
	Westmorland	Moor House	...	1960	50	45	2	1	13	75	272	149	199	24	10.8	270	34	2	04	52	1	0140	
	Lancashire	Southport	...	59	41	33	2	2	6	59	215	298	144	2	9.9	280	34	2	18	48	2	1735	
		Speke	...	180	100	65	1	1	9	34	326	303	56	0	11.1	230	34	1	20	48	1	1910	
	Cheshire	Bidston Observatory	...	282	64	39	-	0	5	30	196	364	119	11	-	260	29	30	13	53	30	1120	
		Manchester Airport	...	318	70	30	-	0	2	11	200	379	130	0	8.1	040	24	13	19	38	13	1315	
7b	Anglesey	Holyhead (Valley)	...	76	50	40	30	2	12	104	224	200	190	0	10.8	220	35	30	07	47	30	0450	
8a	Cardigan	Aberporth	...	483	41	41	2, 14, 30	12	12	142	324	215	27	0	14.8	230	(39)	30	08	(61)	30	0735	
	Pembroke	Milford Haven	...	246	50	35	-	0	4	33	249	306	88	44	10.3	270	30	30	08	51	30	0840	
	Glamorgan	Port Talbot	...	91	40	35	-	0	9	42	373	198	107	0	11.7	300	28	2	21	49	14	0455	
		Rhoose	...	257	37	32	-	0	4	27	335	309	49	0	10.5	250	30	30	09	43	30	1545	
8b	Devon	Plymouth	...	191	88	65	-	0	7	36	254	314	116	0	9.6	-	31	14	08	50	14	0715	
	Cornwall	St. Mary's, Scilly	...	230	65	57	11, 13, 30	15	16	162	407	110	26	0	17.3	040	36	11	14	57	11	1450	
		The Lizard	...	315	75	60	30	14	20	226	334	116	23	7	17.3	250	42	30	10	54	30	1100	
NORTHERN IRELAND																							
	Londonderry	Ballykelly	...	52	50	35	-	0	2	6	220	205	289	0	6.8	260	25	1	22	48	1	2110	
	Antrim	Aldergrove	...	281	65	55	-	0	2	5	290	288	137	0	9.2	200	26	1	22	44	2	2235	
		Nutts Corner	...	344	31	31	-	-	-	-	-	-	-	-	-	220	20	1	22	37	1	2050	
CHANNEL ISLES																							
		Jersey Airport	...	359	86	50	30	3	11	121	428	141	27	0	14.9	260	35	30	13	51	30	1250	

MONTHLY WEATHER CHARTS NOVEMBER 1961

1. MEAN PRESSURE 9 A.M.

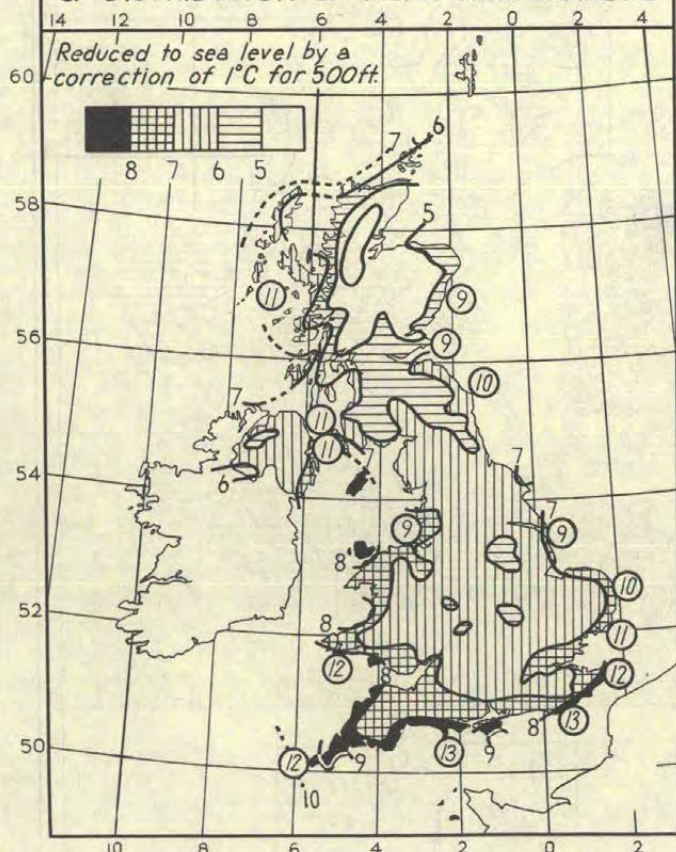


2. MOVEMENTS OF DEPRESSIONS



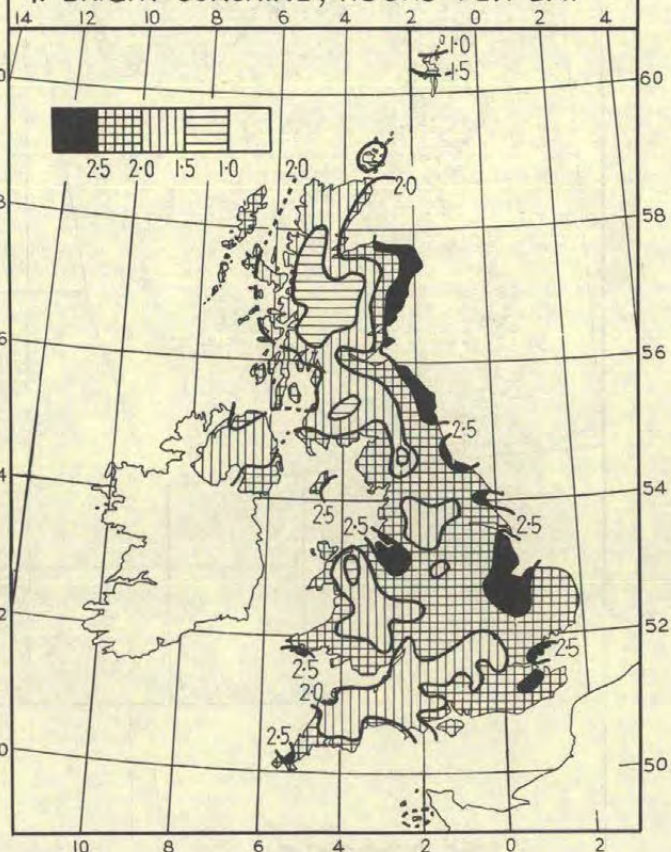
Positions of centres shown thus: ● at 12h.
First two figures show date, last two central pressure (mb)

3. DISTRIBUTION OF MEAN TEMPERATURE



Sea temperatures are shown by figures in circles, thus: ⑩

4. BRIGHT SUNSHINE, HOURS PER DAY



RAINFALL

NOVEMBER 1961

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

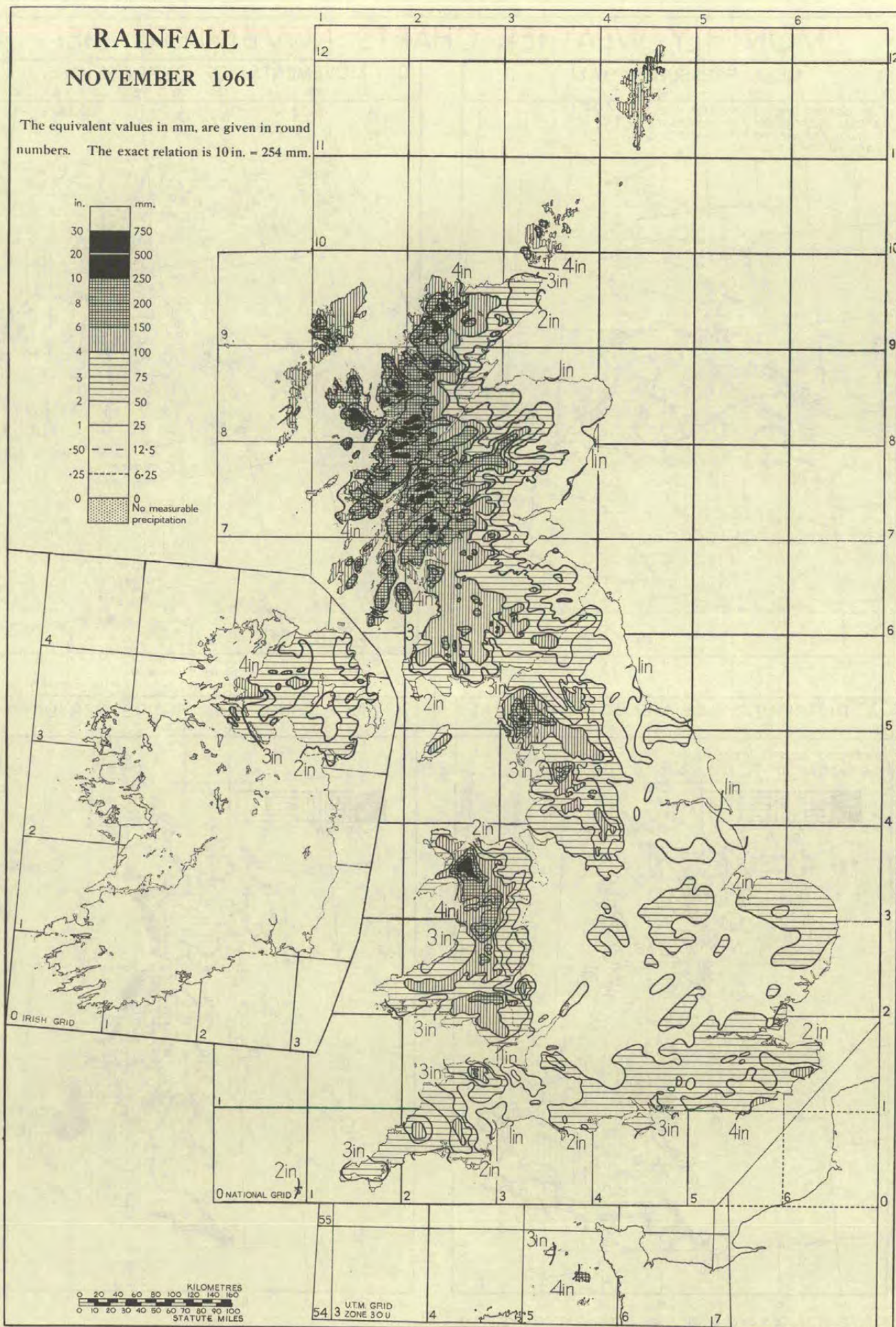
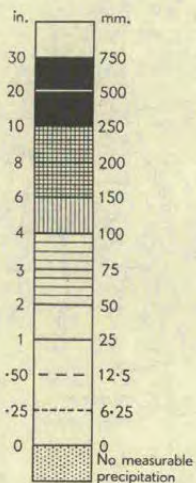


TABLE III — SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER NOVEMBER 1961

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.	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.		Maximum	Date	Minimum	Date					Amount	Date	0.1in. (0.2mm.) or more	0.4in. (1.0mm.) or more														
			°C.	°C.		°C.	°C.	°C.	°C.					°C.	°C.	in.	%											in.	in.	in.	
0 SCOTLAND, N.																															
Zetland	Lerwick Obs'ys. ¶	21-9	269	7.1	3.9	5.5	-0.1	10.4	5	-1.0	26	-	-	5.07	110	.92	1	20	16	7	1	3	7	2	1	3	11	3	1.16	103	
	Baltasound ...	9 9	78	7.9	3.5	5.7	-	10.6	12	-0.6	26	6.8	-	4.96	97	.76	1	24	18	8	0	5	0	0	0	0	2	-	0.84	-	
Orkney	Sule Skerry ...	9 9	43	8.7	6.0	7.3	-	12.5	5	2.0	3, 25	-	-	4.82	-	.67	25	23	20	2	0	1	0	0	0	0	0	7	-	-	
	Kirkwall (Grimsetter)	21-9	84	7.6	3.5	5.5	-	10.9	5	0.3	25	-	-	4.20	95	.79	25	23	16	8	0	10	0	0	0	0	12	2	1.69	-	
Caithness	Dounreay ...	9 9	70	8.1	2.0	5.1	-	12.2	5	-2.8	22	-	-	2.87	-	.55	7	22	16	3	0	0	2	0	0	10	18	2	-	-	
	Halkirk (Olgrinbeg)	9 9	232	-	-	-	-	-	-	-	-	-	-	2.51	-	.54	7	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Wick ... ¶	21-9	119	7.3	1.9	4.6	-1.5	11.1	5	-2.6	26	-	-	1.92	61	.60	7	17	11	4	0	0	5	0	1	9	21	1	2.39	137	
Sutherland	Cape Wrath ...	21-9	367	8.0	4.8	6.4	-	11.0	5	1.0	25, 27	-	-	5.08	95	.78	1	24	20	5	0	3	0	0	1	0	7	0	-	-	
	Lairg (Achany) ...	9 9	240	6.3	-0.4	2.9	-	12.2	1, 5	-6.7	11, 27	4.8	8.0	3.64	-	.54	28	18	14	8	7	1	0	1	2	17	22	0	-	-	
	Strathay ...	9 9	120	7.5	1.1	4.3	-	11.7	5	-3.9	22	-	-	3.48	84	.55	7	23	20	11	5	0	4	0	1	13	-	0	1.77	-8	
Ross & Cromarty	Stornoway ¶	21-9	11	8.2	1.7	4.9	-1.7	12.0	5	-2.9	21	-	-	4.20	93	.63	1	22	18	4	0	3	6	0	0	13	21	0	2.05	131	
	Balmacara ...	9 9	2	8.9	3.3	6.1	-	12.8	1	-0.6	27	-	-	6.40	-	1.30	1	20	16	-	0	-	-	-	2	-	-	-	-	-	
	Achnashellach ...	9 9	220	7.5	1.3	4.4	-0.8	12.8	1	-2.2	21, 26, 28	-	-	7.55	94	1.02	2	19	16	7	3	1	1	1	1	14	-	0	-	-	
	Kinlochewe ...	9 9	76	7.9	1.8	4.9	-	13.3	1, 7	-3.3	11	6.5	-	7.58	-	.95	2	21	19	6	3	3	0	2	0	10	21	0	1.32	-8	
	Garve (Blackbridge)	9 9	690	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Fortrose ... ¶	9 9	15	7.7	3.6	5.7	-0.6	12.8	1	0.6	22, 27	-	-	2.28	102	.61	7	15	11	0	0	0	0	0	0	0	0	-	0	1.95	108
	Tarbatness ...	21-9	60	6.7	2.6	4.7	-	12.0	5	-2.5	21, 25	-	-	1.17	-	.53	7	12	7	4	2	0	0	0	0	6	-	0	-	-	
Inverness	Benbecula ...	21-9	19	8.9	3.6	6.3	-	11.6	1	-1.4	12	-	-	4.28	85	.72	1	21	19	4	0	5	3	0	0	4	15	4	2.07	-	
	Isle of Rhum ...	9 9	15	8.9	2.6	5.7	-	12.8	1	-1.1	21, 27	6.8	9.8	9.37	-	1.53	1	23	18	3	1	1	8	2	0	8	20	5	-	-	
	Prabost ...	9 9	220	7.9	2.8	5.3	-	11.7	1	-1.1	25	-	-	7.40	-	1.36	1	23	20	5	2	0	9	1	0	3	23	3	1.91	-	
	Duntulm ...	9 9	294	8.6	3.8	6.2	-	11.1	15	0.6	25, 26	-	-	5.29	94	.87	1	22	21	3	0	4	0	0	1	0	10	0	1.66	-8	
	Onich ... ¶	9 9	48	8.3	2.6	5.5	-0.8	12.8	1	-3.9	28	-	-	5.99	76	.82	2	20	19	0	0	4	0	0	1	5	19	1	1.57	118S	
	Fort William (Camaghael)	9 9	27	8.1	1.4	4.7	-	13.9	1	-5.6	28	5.5	7.9	5.37	-	.68	1	19	16	3	0	1	2	1	0	11	17	0	1.35	-8	
	Fort Augustus ...	9 9	70	6.7	1.2	3.9	-1.3	12.2	1	-3.9	11	-	-	4.79	-	.62	5	21	14	5	2	0	0	0	0	12	-	0	1.41	-8	
	Cannich ...	9 9	350	5.4	-1.3	2.1	-	11.7	1, 5	-8.9	27	-	-	4.83	107	.71	28	15	14	2	10	0	0	0	0	19	23	0	-	-	
	Dalwhinnie ...	18-9	1176	4.9	-0.8	2.1	-	10.5	1	-12.0	27, 28	-	-	4.17	83	1.09	7	15	13	5	8	0	0	0	0	16	23	0	1.27	-	
	Inverness ...	9 9	13	7.7	2.1	4.9	-	12.8	1	-2.8	21	-	-	2.39	-	.54	7	13	10	1	1	0	0	0	2	12	19	0	1.76	-	
	Achnagoichan ...	9 9	1000	6.2	-0.2	3.0	-	12.2	1	-7.2	27, 28	5.1	-	2.45	-	.63	7	17	15	-	-	-	-	-	16	-	-	-	-	-	
	Glenmore Lodge	9 9	1120	5.9	-0.8	2.5	-	12.6	1	-7.8	28	-	-	2.94	-	.81	7	19	16	10	8	0	0	0	1	18	22	0	1.13	-8	
1 SCOTLAND, E.																															
Nairn	Nairn ... ¶	9 9	20	7.5	1.4	4.5	-1.2	12.8	1	-3.9	21	-	-	2.06	94	.54	7	17	13	3	0	0	0	0	0	1	12	-	0	2.23	123
	Grantown-on-Spey ...	9 9	720	6.6	-1.3	2.7	-	11.7	1	-9.4	28	-	-	1.81	-	.46	2	17	13	-	2	-	-	-	0	19	20	-	-	-	
	Forres ...	9 9	155	7.7	1.2	4.5	-	12.8	1, 5	-3.9	22	4.9	7.8	1.68	79	.32	7	15	12	2	3	1	0	0	0	15	20	0	2.38	-	
	Kinloss ...	21-9	15	7.8	1.3	4.5	-	13.2	5	-5.5	21	5.7	-	1.58	-	.35	7	16	12	4	0	2	1	0	1	14	18	0	2.17	-	
	Elgin ...	9 9	92	8.2	2.1	5.1	-	13.3	1, 5	-3.3	22	-	-	1.38	-	.30	7	16	11	0	0	0	0	0	0	10	19	0	2.60	-	
	Lossiemouth ...	9 9	21	8.0	0.8	4.4	-	13.3	1	-4.4	20, 21, 22	-	-	1.30	-	.35	7	16	9	4	0	2	0	0	0	15	19	1	-	-	
	Gordon Castle ...	9 9	104	8.4	1.1	4.7	-1.0	13.3	5	-4.4	27	-	-	1.40	46	.43	2	16	8	-	0	-	-	-	-	13	-	-	2.54	144S	
Banff	Glenlivet ...	9 9	1085	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Aberdeen	Braemar ...	9 9	1113	5.9	-1.6	2.1	-1.2	11.1	1	-12.2	28	-	-	1.88	49	.72	7	14	9	-	8	-	-	-	0	21	24	-	1.19	-8	
	Balmoral ...	9 9	927	6.2	-1.4	2.4	-1.0	12.2	1, 5	-11.7	28	-	-	1.49	45	.32	2	14	9	3	7	0	0	0	0	22	23	0	-	-	
	Logie Coldstone ...	9 9	608	7.4	-0.7	3.3	-0.8	13.3	5	-7.8	11	-	-	1.14	-	.42	2	11	6	-	1	-	-	-	-	19	-	-	-	-	
	Huntly ...	9 9	405	7.4	1.1	4.3	-	13.0	1	-4.4	19, 21	-	-	1.83	-	.61	2	15	10	3	1	2	0	0	0	12	20	0	-	-	
	Fyvie Castle ...	9 9	218	7.3	0.4	3.9	-	12.8	1, 5	-5.0	11, 27	-	-	1.36	-	.45	2	10	8	-	0	-	-	-	-	15	20	-	2.59	-8	
	Craibstone ... ¶	9 9	300	7.4	2.1	4.7	-0.5	12.8	1	-2.2	28	6.1	8.0	1.07	30	.28	7	10	6	1	1	0	0	0	0	10	18	1	2.92	136	
	Dyce ...	21-9	190	7.5	1.0	4.3	-	13.0	1	-4.2	20	-	-	.95	26	.26	7	10	6	2	0	0	3	0	0	14	19	0	2.85	-	
	Aberdeen ...	9 9	170	7.7	1.7	4.7	-	15.0	13	-5.0	28	-	-	1.10	32	.27	7	11	5	1	0	1	0	0	0	13	18	0	2.81	-8	
	Udny ...	9 9	363	7.4	1.3	4.3	-	12.2	1	-3.9	28	-	-	1.31	-	.28	7	12	11	1	0	0	1	0	0	12	25	0	3.26	-	
	Rattray Head ...	21-9	85	7.5	3.4	5.5	-	12.5	1	-2.2	28	-	-	1.33	43	.20	7	15	11	3	0	3	0	0	0	4	-	4	2.69	-	
Kincairdine	Fettercairn ...	9 9	560	6.9	1.6	4.3	-	12.2	1	-4.4	28	-	-	1.47	-	.46	7	12	9	2	2	0	0	0	3	9	26	0	2.95	-8	
	Stonehaven ...																														

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER NOVEMBER 1961

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		Percent-age of Average		Most in a day		Precip'n		Number of days											
Max.	Min.	A	B	Mean Temperature		Maximum	Date	Minimum	Date	1 ft.	4 ft.			Amount	Date	0.1in. (0.2mm) or more	0.01in. (1.0mm) or more	Snow or Sleet	Snow lying at 5h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 5h.	Air Frost	Grass min. °C. or less	Gale	Daily Mean	Percent-age of Average							
G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.												hr.	%								
1 SCOTLAND, E.—cont.																																			
Midlothian		Penicuik ...	9 9	620	7.2	1.5	4.3	-	12.2	1	-3.9	28	5.7	-	3.74	-	.50	28	17	14	2	1	0	0	0	1	12	21	0	(2.00)	-	S			
cont.		Bush House ...	9 9	605	7.4	2.1	4.7	-	12.8	1	-3.9	28	5.7	8.1	3.60	-	.66	28	17	13	1	0	2	1	0	2	9	17	0	-	-	-			
		Edinburgh—																																	
		Blackford Hill¶§	9 9	441	7.9	2.9	5.4	-0.6	13.9	1	(-2.8)	28	-	-	1.74	72	.32	28	14	12	3	0	0	0	0	2	5	15	0	2.16	104	-			
		Liberton ...	9 9	200	8.4	2.3	5.3	-	13.9	1	-2.2	10, 12, 28	-	-	2.07	-	.46	28	13	13	1	1	0	0	0	3	6	13	0	1.92	-	-			
		Botanic Garden	9 9	74	8.4	2.3	5.3	-	13.9	1	-3.3	28	6.1	-	2.05	-	.50	24	14	10	1	0	0	0	1	0	1	6	19	0	2.03	-	-		
E. Lothian		Haddington ...	9 9	162	8.5	2.0	5.3	-	13.9	1	-3.9	28	-	-	1.71	-	.32	28	18	14	3	0	0	0	1	0	1	11	15	0	2.03	-	-		
		North Berwick ...	9 9	51	9.1	3.7	6.4	+0.4	13.9	1, 6	-0.6	28	-	-	2.10	90	.28	23	19	13	1	0	0	0	0	1	1	-	0	2.28	133	-			
		Dunbar ...	9 9	75	8.9	4.1	6.5	-	15.0	1	-0.6	28	-	-	1.28	-	.25	28	16	11	1	0	0	0	0	0	1	8	0	2.79	-	-			
Berwick		Marchmont ¶§	9 9	498	7.4	2.0	4.7	-0.4	12.2	1	-3.3	28	-	-	2.02	68	.58	28	18	11	2	1	0	0	0	1	9	-	0	1.88	1138	-			
		St. Abb's Head ...	9 9	245	7.8	4.9	6.3	-	13.4	1	-0.6	28	-	-	1.03	-	.17	29	15	8	1	0	0	0	0	0	1	3	2	-	-	-			
Peebles		Broughton ...	9 9	741	7.2	1.4	4.3	-	12.8	1	-5.6	11	-	-	4.01	-	.79	28	16	14	2	2	2	0	0	0	0	11	18	0	-	-	-		
		Blyth Bridge ...	9 9	830	6.9	1.4	4.1	-	12.8	1	-3.9	9, 11, 28	-	-	3.22	-	.63	28	16	13	4	2	0	4	0	1	10	21	0	1.88	-	-			
		West Linton ...	9 9	800	7.0	1.0	4.0	-	12.2	1	-5.6	10	4.3	7.8	3.91	-	.68	28	21	15	2	1	0	0	0	1	12	20	0	-	-	-			
		Peebles ...	9 9	645	7.5	1.2	4.3	-	13.3	1, 2	-5.0	11	-	-	2.49	-	.60	28	13	11	4	2	0	0	0	2	10	23	0	1.48	-	S			
		Peebles (Glentress)	9 9	580	7.7	1.6	4.4	-	13.3	1, 2	-5.6	28	-	-	2.51	-	.54	28	15	13	4	1	0	0	0	0	10	-	0	-	-	-			
Selkirk		Selkirk (Bowhill)	9 9	600	7.2	1.6	4.4	-	12.2	1	-4.4	11, 28	-	-	2.89	-	.69	28	18	13	4	0	1	0	1	4	9	-	0	-	-	-			
Roxburgh		Hawick (Wauchope)	9 9	560	8.3	1.4	4.9	-	12.8	1	-4.4	28	-	-	2.18	-	.31	29	19	12	-	0	-	0	0	0	11	-	-	-	-	-			
		Sourhope ...	9 9	900	7.1	2.1	4.6	-	12.8	1	-3.3	28	-	-	2.74	-	.47	11	20	13	1	1	0	0	0	0	6	20	0	2.12	-	-			
6a SCOTLAND, W.																																			
Argyll		Tiree ... ¶§	21-9	29	9.2	4.4	6.8	-0.6	12.2	1	-1.0	27	-	-	3.36	72	.41	1	22	17	0	0	0	8	0	0	1	13	0	2.23	128	-			
		Rhuvaal ...	21-9	65	9.2	5.7	7.5	-	12.9	1	1.6	28	-	-	4.48	-	.61	22	23	17	1	0	5	0	0	0	0	2	0	-	-	-			
		Colonsay ...	9 9	87	9.2	3.5	6.3	-	12.2	1	-1.7	11, 12, 28	-	-	4.55	80	.41	22	26	22	4	-	9	0	0	2	4	-	1	-	-	-			
		Campbeltown ...	9 9	10	9.5	3.8	6.7	-	13.9	1	-1.1	28	-	-	3.01	-	.41	9	16	13	-	0	-	-	-	-	2	-	-	2.09	-	-			
		Tarbert (Achaglachgach)	9 9	40	9.2	2.4	5.8	-	12.8	1	-2.8	12, 27, 28	-	-	6.91	-	.89	23	21	17	0	0	8	0	0	0	6	22	0	-	-	-			
		Oban ...	9 9	229	8.6	3.9	6.3	-	12.8	13	0.0	27, 28	-	-	6.05	101	.90	22	19	15	0	0	1	0	0	0	2	11	0	1.55	1058	-			
		Lephinmore ...	9 9	30	8.4	2.9	5.7	-	12.8	1	-1.1	11, 27, 28	-	-	5.12	-	.55	7, 22	20	16	0	0	3	0	1	2	5	18	0	2.09	-	S			
		Glenbranter ...	9 9	120	7.1	1.2	4.1	-1.2	12.8	1	-3.9	27, 28	-	-	9.21	94	1.43	29	19	17	-	2	-	-	-	0	11	-	-	-	-	-			
		Benmore (Forestry Sch.)	9 9	46	8.1	1.3	4.7	-	13.3	1	-2.2	12, 28	5.6	8.0	7.97	82	1.10	23	19	16	1	0	4	0	0	4	16	22	0	-	-	-			
		Benmore (Younger Bot. Gdn.)	9 9	40	8.1	2.4	5.3	-	13.9	1	-3.3	28	-	-	8.08	-	1.06	23, 28	19	17	1	0	1	3	0	3	8	21	0	-	-	-			
Bute		Lochransa ...	9 9	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
		Rothsay ... ¶§	9 9	150	8.5	4.0	6.3	-0.3	13.9	1	0.0	28	6.4	8.6	5.09	87	.75	5	22	16	0	0	4	0	0	1	1	15	1	2.00	120	-			
		Millport ...	9 9	16	9.3	4.9	7.1	-	(12.6)	1	1.1	28	-	-	4.59	98	.76	7	16	12	2	0	1	0	0	0	0	-	5	-	-	-			
Dunbarton		Helensburgh ...	9 9	293	7.5	2.4	4.9	-0.9	12.2	1	-2.2	27	-	-	5.03	86	.70	7, 23	18	16	0	0	0	0	0	2	7	-	0	-	-	-			
Stirling		Stirling ...	9 9	151	7.6	2.7	5.1	-0.5	13.3	1	-2.2	10, 28	5.2	9.9	3.77	100	.98	7	18	11	2	0	0	0	0	3	6	18	0	-	-	-			
		Falkirk ...	9 9	100	8.1	2.2	5.1	-	13.3	1	-3.3	28	-	-	3.35	-	.56	28	16	14	1	1	1	0	2	9	9	-	0	-	-	-			
Renfrew		Greenock ...	9 9	200	8.2	3.4	5.8	-0.6	12.8	1	-1.1	28	-	-	5.69	86	.89	7	18	15	1	0	2	0	0	4	3	13	0	1.40	-	S			
		Paisley ...	9 9	106	8.1	2.9	5.5	-0.7	13.3	1	-2.2	28	7.1	9.9	4.48	100	.82	7	16	13	0	0	1	0	0	11	7	18	0	1.62	117	-			
		Barrhead ...	9 9	97	8.1	1.7	4.9	-	13.9	1	-4.4	28	-	-	4.46	-	.84	23	17	13	0	0	2	0	0	8	10	16	0	-	-	-			
Lanark		Renfrew ... ¶§	21-9	26	8.3	2.5	5.4	-0.2	13.6	1	-4.6	28	-	-	4.01	97	.77	7	18	11	2	0	4	0	1	7	10	16	0	1.64	113	-			
		Thorntonhall ...	9 9	453	7.4	1.8	4.6	-	12.8	1	-3.3	28	-	-	4.80	-	.79	28	15	14	0	0	0	0	0	-	11	22	0	-	-	-			
		Glasgow, Spr. Pk.	9 9	351	7.4	2.3	4.9	-	12.8	1	-2.8	28	-	-	4.35	115	1.02	7	20	12	2	0	0	3	1	3	8	17	0	1.74	-	-			
		Coatbridge ...	9 9	256	8.1	1.9	5.0	-	13.3	1	-2.8	12, 28	-	-	3.20	-	1.10	7	16	10	0	0	0	0	0	3	11	-	0	-	-	-			
		Coalburn (Midtown)	9 9	707	7.0	0.4	3.7	-	12.4	1	-6.0	28	5.6	-	4.79	-	.85	7	19	13	5	0	0	0	0	3	13	19	0	1.84	-	-			
		Lowther Hill ...	-	2377	3.5	-0.5	1.5	-	9.5	1	-4.0	3, 4, 29	-	-	-	-	-	-	-	-	-	9	-	0	1	1	19	21	-	4	0.89	-	-		
		Leadhills ...	9 9	1270	6.3	1.1	3.7	-	11.7	1	-4.4	4, 28	-	-	4.77	-	1.62	7	20	16	4	3	0	0	0	0	13	13	0	-	-	-			
Ayr		Carnwath ...	9 9	706	6.9	1.0	3.9	-	12.2	1	-5.6	10	-	-	3.79	-	.50	28	17	13	4	2	0	0	0	2	12	20	0	-	-	-			
		Colmonell ...	9 9	170	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
		Turnberry ...	9 9	25	9.1	4.0	6.5	-0.5	13.3	1	-0.6	11	-	-	3.84	-	.79	7	20	17	-	0	-	-	-	0	1	-	-	1.80	-	S			
		Largs ...	9 9	20	9.3	3.3	6.3	-	13.9	2	-0.6	4	-	-	5.10	-	1.01	7	18	15	-	0	-	-	-	0	1	13	-	2.19	-	-			
		Barr ...	9 9	400	8.3	1.6	4.9	-	12.8	1	-5.0	11, 12	-	-	4.14	-	1.07	7	20	16	1	0	4	0	0	0	8	-	0	-	-	-	-		
		Auchincruive ...	9 9	147	8.6	2.9	5.7	-	13.3	1	-3.3	12, 13	7.3	9.4	4.41	115	1.20	7	17	13	1	0	4	0	0	0	5	15	0	2.06	-	-			
		Prestwick Airport	21-9	30	9.1	3.7	6.4	-	14.0	1	-3.9	12	-	-	4.23	118	1.07	7	17	14	0	0	1	5	0	0	6	12	0	2.12	-	-			
Dumfries		Kilmarnock ...	9 9	115	8.4	2.9	5.7	-0.1	13.9	1	-2.8	12	6.3	9.6	4.65	-	1.02	7	17	15	1	0	1	2	0	2									

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER NOVEMBER 1961

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. 0°C. or less	Gale	Daily Mean	Per-centage of Average					
			A Max.	B Min.		Maximum	Date	Minimum			Date	Amount														Date	0.1 in. (0.2 mm.) or more	0.1 in. (0.2 mm.) or more		
			Max. Min.	ft.		°C.	°C.	°C.			°C.	°C.														°C.	°C.	°C.	in.	%
G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.										hr	%							
2 ENGLAND, N.E.—cont.																														
Northumbria	Acklington	21-9	138	8.4	3.1	5.7	-	13.9	1	-3.2	28	-	-	1.00	-	.20	29	15	10	0	0	0	1	6	13	0	2.83	-		
	Tynemouth	21-9	95	8.0	4.9	6.5	-0.4	14.2	1	-0.5	28	-	-	1.03	41	.21	29	16	9	0	0	2	0	1	2	8	1	2.31	-	
Durham	Chopwellwood	9-9	446	8.1	2.3	5.2	-0.3	13.3	1	-2.2	11, 28	-	-	1.73	62	.28	12, 29	21	12	0	0	0	0	0	2	9	20	0	-	-
	Ushaw College	9-9	594	7.9	2.6	5.3	-0.1	11.1	1	-1.1	10	-	-	1.27	44	.19	2	16	11	0	0	0	0	0	8	7	0	0	-	-
Durham	Houghall	9-9	123	9.0	1.1	5.1	-0.6	14.4	1	-5.6	9, 27, 28	-	-	1.18	44	.15	12	17	12	0	0	0	0	0	3	12	20	0	2.21	118
	Durham	9-9	336	8.3	2.4	5.3	-0.5	12.2	1	-2.8	10, 28	6.7	9.6	1.04	42	.15	12	18	11	0	0	0	0	0	3	7	16	0	2.20	108
Durham	Gateshead	9-9	509	8.2	3.4	5.8	-	13.9	1	-0.5	11	-	-	1.24	-	.25	29	16	10	0	0	0	1	2	10	0	2.64	-	-	
	Middleton St. Gge.	21-9	115	8.8	2.9	5.9	-	14.4	1	-3.9	10	-	-	.74	-	.20	29	12	8	0	0	0	0	4	8	14	0	2.43	-	
Yorks., N. Riding	West Hartlepool	9-9	30	9.4	3.8	6.6	-	14.4	1	-1.7	28	-	-	.89	-	.24	11	15	5	0	0	1	0	2	4	9	0	2.56	-	
	Hawes	9-9	745	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Yorks., N. Riding	Dishforth	21-9	105	8.4	3.2	5.8	-	14.6	1	-4.2	10	-	-	.87	37	.26	29	15	7	0	0	0	0	7	6	9	0	2.27	-	
	York	9-9	57	8.8	3.2	6.0	-0.3	15.0	1	-2.8	11	6.5	9.3	1.48	63	.46	11	18	8	0	0	0	0	6	7	0	1.80	109		
Yorks., N. Riding	Ampleforth	9-9	313	8.4	2.8	5.6	-0.2	13.9	1	-4.4	9	-	-	1.16	39	.25	29	17	9	0	0	0	0	5	5	14	0	-	-	
	Redcar	9-9	25	9.8	3.6	6.7	-	15.0	1	-2.2	28	-	-	.96	38	.27	11	16	15	0	0	0	0	3	8	0	0	2.73	-	
Yorks., N. Riding	Whitby	9-9	135	9.2	3.4	6.3	-	13.9	1	-3.9	28	-	-	1.45	55	.30	3	13	8	0	0	1	0	0	6	0	0	2.37	-	
	Scarborough	9-9	118	9.3	4.8	7.1	0.0	14.4	1	-0.5	10	-	-	1.70	67	.45	11	17	9	1	0	0	0	0	1	4	0	2.27	1268	
Yorks., E. Riding	Silpho Moor	9-9	685	7.8	2.7	5.3	-	12.8	1	-1.7	4, 28	6.1	-	2.19	-	.45	11	20	14	1	1	0	0	3	6	13	0	2.52	-	
	High Mowthorpe	9-9	574	7.8	2.6	5.2	-	13.3	1	-2.8	28	6.4	-	1.76	-	.57	11	21	10	0	0	0	0	3	7	18	0	2.74	-	
Yorks., E. Riding	Hull	9-9	8	9.2	3.9	6.5	-0.2	14.4	1	-0.5	10	7.3	9.8	1.71	67	.41	29	17	13	0	0	0	1	4	3	10	0	2.02	126	
	Leconfield	21-9	24	8.9	3.6	6.3	-	14.0	1	-4.8	10	-	-	1.20	-	.37	29	17	9	1	0	0	0	1	6	6	10	0	2.43	-
Yorks., E. Riding	Filey	9-9	122	8.8	3.4	6.1	-	13.9	1	-3.3	10	-	-	1.27	-	.25	2, 29	17	9	0	0	3	0	3	7	11	0	2.23	-	
	Bridlington	9-9	157	8.8	3.4	6.1	-	13.9	1	-1.7	10	-	-	1.72	-	.31	11	18	12	2	1	0	0	5	7	10	1	2.65	-	
Lincoln	Spurn Head	21-9	29	8.9	5.9	7.4	+0.2	13.5	1	1.4	4	-	-	.86	-	.22	12	11	6	1	0	0	0	1	0	0	0	2.35	115	
	Gainsborough	9-9	110	9.0	2.3	5.7	-	14.4	1	-3.9	10	-	-	1.20	-	.21	29	18	9	0	0	0	0	5	10	0	0	-	-	
Lincoln	Waddington	21-9	224	8.3	3.0	5.7	-	14.1	1	-2.4	10	-	-	.89	-	.19	29	11	8	0	0	0	0	4	4	11	0	1.95	-	
	Lincoln	9-9	22	9.2	2.4	5.8	-	15.0	1	-5.0	10	7.5	9.4	.96	-	.19	29	12	10	0	0	0	0	7	10	16	1	2.09	-	
Lincoln	Cranwell	9-9	205	8.9	2.2	5.5	-0.6	14.4	1	-3.8	26	7.4	10.9	1.49	65	.50	10	13	8	0	0	0	0	5	8	12	0	2.35	110	
	Cleethorpes	9-9	23	9.4	4.1	6.7	+0.1	14.4	1	0.0	10, 26	-	-	.78	33	.24	29	6	6	0	0	0	0	7	2	12	0	2.27	111	
Lincoln	Manby	21-9	55	9.1	3.7	6.4	-	14.2	2	-2.8	26	-	-	.99	-	.20	29	14	8	2	0	0	0	2	5	10	0	2.69	-	
	Skegness	9-9	15	9.6	4.7	7.1	+0.5	14.4	50	-1.7	10	-	-	1.41	61	.47	10	13	8	1	0	0	0	5	4	6	2	2.54	119	
3 ENGLAND, E.																														
Norfolk	Terrington	9-9	13	9.2	3.4	6.3	-	13.9	1	-2.8	26	7.5	-	2.05	100	.69	10	12	8	0	0	0	0	3	6	12	0	2.46	-	
	St. Clement	21-9	76	9.2	3.8	6.5	-	14.0	1	-4.2	26	-	-	2.44	-	.86	10	14	10	0	0	0	0	1	8	11	0	-	-	
Norfolk	Marham	9-9	80	9.7	1.7	5.7	-	14.4	1	-6.1	26	7.8	9.5	1.93	-	.69	10	12	9	0	0	0	0	0	12	18	0	-	-	
	Santon Downham	21-9	250	8.6	3.5	6.1	-	13.3	1	-3.4	26	-	-	2.39	-	.54	10	13	12	1	0	0	0	3	6	14	1	2.30	-	
Norfolk	West Raynham	9-9	178	9.4	4.7	7.1	0.0	13.9	1	0.6	9, 24, 29	-	-	2.45	90	.45	3	20	13	0	0	0	0	0	0	6	0	2.24	106	
	Cromer	9-9	93	9.3	3.1	6.2	-0.3	13.9	1	-4.4	26	8.2	-	2.54	95	.82	10	18	12	0	0	0	0	1	2	5	16	1	1.87	998
Norfolk	Sprowston	9-9	89	9.3	3.7	6.5	-	13.9	1	-3.9	26	-	-	2.61	95	.94	10	17	14	0	0	0	2	2	0	4	11	1	2.24	-
	Burlingham	21-9	5	9.7	5.6	7.7	+0.3	14.1	1	0.8	26	8.3	10.7	2.07	76	.51	10	17	13	1	0	2	0	0	0	4	1	1.97	99	
Suffolk	Gorleston	21-9	15	9.3	4.0	6.7	-	14.6	1	-3.8	26	-	-	1.51	74	.64	10	11	6	0	0	0	1	0	1	6	13	0	2.66	-
	Mildenhall	9-9	14	9.7	2.6	6.1	-	15.6	1	-3.9	24	-	-	1.94	-	.87	10	14	9	0	0	0	2	0	2	11	17	0	-	-
Suffolk	East Bergholt	21-9	292	8.5	3.5	6.0	-	13.9	1	-2.2	10	-	-	1.73	-	.74	10	14	10	0	0	0	1	0	2	8	13	0	-	-
	Wattisham	21-9	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Suffolk	Felixstowe	9-9	82	9.7	4.8	7.3	+0.3	14.4	1	-1.7	26	7.7	9.8	1.87	69	.40	3	17	14	1	0	0	0	1	0	1	8	2	2.34	113
	Lowestoft	9-9	157	9.2	2.9	6.1	-	14.4	1	-3.3	26	-	-	1.66	79	.73	10	11	7	0	0	0	0	2	8	18	0	2.42	-	
Cambridge	Boxworth	9-9	41	9.7	2.5	6.1	-0.3	15.0	1	-3.9	26	7.7	10.6	1.76	85	.80	10	10	7	0	0	0	0	1	10	17	0	-	-	
	Cambridge Bot. Gdn.	9-9	85	9.4	2.8	6.1	-	13.9	2, 30	-3.3	26	-	-	1.63	78	.70	10	12	8	0	0	0	0	5	9	13	0	2.42	126	
Huntingdon	Cambridge N.I.A.B.	21-9	129	9																										

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER NOVEMBER 1961

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	B		Maximum	Date	Minimum			Date	0.01 in. (0.2mm.) or more		0.04 in. (1.0mm.) or more	Date																	
			Max.	Min.		Max.	Min.	Max.			Min.	Max.		Min.	Max.	Min.												Max.	Min.	Max.	Min.	Max.
4 MIDLAND COUNTIES—cont.																																
Yorks.	Ilkley ...	99	315	8.6	3.3	5.9	+0.2	13.9	1	2.2	27, 28	-	-	1.99	52	.75	29	14	14	0	0	0	0	0	0	2	6	-	0	2.03	130	
	W. Riding—	99	429	8.7	4.1	6.4	-0.2	13.9	1	-0.5	28	6.9	10.1	1.66	52	.56	29	15	11	0	0	0	0	0	0	-	1	15	0	1.78	116	
cont.	Wakefield ...	99	121	9.3	3.1	6.2	0.0	15.6	1	-3.3	27	7.4	9.7	1.39	54	.50	29	12	7	0	0	0	0	0	0	9	6	16	0	-	-	
	Killinghall ...	99	365	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Derby	Pontefract ...	99	255	8.8	3.2	6.0	-0.1	15.0	1	-2.2	10	-	-	1.14	49	.37	29	16	8	0	0	0	0	0	1	13	5	12	0	-	-	
	Bramham ...	99	177	8.6	2.7	5.7	-	14.4	1	-3.3	10	-	-	1.34	-	.46	29	15	9	0	0	0	0	1	0	5	6	12	0	1.94	-	
	Cawood ...	99	20	8.7	2.3	5.5	-	15.0	1	-2.8	10, 28	6.2	9.2	.97	41	.39	29	12	5	0	0	0	0	0	0	6	8	12	0	1.80	-	
	Askham Bryan ...	99	110	8.9	2.6	5.7	-	15.0	1	-3.3	9	-	-	1.33	53	.39	11	14	8	0	0	0	0	0	0	9	9	16	0	1.89	-	
	Buxton ...	99	1007	6.2	2.2	4.5	-0.4	12.2	1	-3.3	10, 28	5.6	8.2	3.94	79	1.32	29	17	12	0	0	0	0	0	0	8	8	8	0	-	-	
	Chapel en le Frith	99	732	7.8	2.2	5.0	-	13.3	1	-3.9	28	-	-	3.42	-	1.17	29	14	13	0	0	0	0	0	0	3	9	16	0	-	-	
	Wirksworth ...	99	565	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Mackworth ...	99	293	8.8	2.5	5.7	-	13.9	1	-2.8	10, 27, 28	-	-	1.42	-	.25	29	13	9	0	0	0	0	0	0	5	7	14	1	-	-	
	Belper ...	99	203	9.3	2.6	5.9	-0.1	14.4	1	-3.3	26	-	-	1.52	52	.41	29	12	11	0	0	0	0	0	0	-	8	-	0	-	-	
	Derby ...	99	159	9.6	2.8	6.2	-	14.4	1	-3.3	26	-	-	1.38	-	.26	29	11	8	0	0	0	0	0	0	13	8	-	0	1.81	-	
	Morley ...	99	350	8.4	2.2	5.3	-	13.3	1	-3.9	10	-	-	1.45	-	.31	29	12	9	0	0	0	0	0	0	-	8	16	0	2.16	-S	
	Nottingham	Chesterfield ...	99	298	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sutton Bonington		99	157	9.2	2.4	5.8	-0.3	14.4	1	-3.3	10, 26	7.4	9.6	1.76	80	.44	10	13	10	0	0	0	0	0	0	6	9	16	0	2.00	112	
Leicester	Watnall ...	21-9	385	8.6	2.7	5.7	-	14.1	1	-3.2	10	-	-	1.58	59	.45	29	12	10	0	0	0	0	0	0	0	7	6	14	0	2.16	-
	Mansfield ...	99	362	8.4	2.9	5.7	-0.2	13.9	1	-2.2	11	6.5	-	1.67	59	.50	29	15	12	0	0	0	0	0	0	10	5	14	0	-	-	
	Nottingham *§	99	192	9.2	3.4	6.3	-0.1	14.4	1	-1.7	10	6.3	9.3	1.46	63	.33	29	12	9	0	0	0	0	0	0	6	5	10	0	2.02	120	
	Warsop (Gleadthorpe)	99	150	8.8	1.6	5.2	-	13.9	1	-3.9	27	-	-	1.29	54	.38	29	12	7	0	0	0	0	0	0	8	12	19	0	2.30	-	
	Finningley ...	21-9	34	8.7	3.3	6.0	-	14.7	1	-3.6	10	-	-	1.28	-	.25	10	14	9	0	0	0	0	0	1	5	7	12	0	2.10	-S	
	Langar ...	21-9	106	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Newtown Linford	99	388	8.4	2.1	5.3	-	13.9	1, 2	-4.4	26	-	-	2.17	-	.69	10	17	11	0	0	0	0	0	0	3	8	13	0	2.29	-	
	Leicester (Towers)	99	267	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Caldecott ...	99	175	8.8	1.7	5.3	-	15.0	1	-8.3	26	-	-	1.73	-	.87	10	10	9	-	0	-	-	-	-	3	12	12	-	1.97	-	
	Northampton	Wellingborough...	99	298	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Raunds ...	99	193	9.0	2.1	5.5	-	15.0	1	-5.6	26	7.2	10.9	1.78	77	.59	10	13	10	0	0	0	0	0	0	4	10	12	0	-	-
	Warwick	Wittering ...	21-9	212	8.5	3.6	6.1	-	14.4	1	-3.5	26	-	-	1.91	-	.81	10	17	8	0	0	0	0	0	0	2	5	11	0	2.58	-
Birmingham K.E.S.		99	450	8.6	3.5	6.1	-	14.4	1	-1.7	26, 28	-	-	1.82	-	.48	11	15	12	0	0	0	0	0	0	4	6	-	0	-	-	
Stafford	Birmingham *§	21-9	536	8.0	4.0	6.0	-0.3	13.7	1	-1.0	28	7.8	10.3	2.19	69	.45	11	17	14	1	0	0	0	0	0	4	2	9	0	2.16	132	
	Luddington ...	99	138	9.1	2.1	5.6	-	15.0	1	-5.0	26	-	-	1.21	54	.29	10	13	9	0	0	0	1	0	1	10	16	0	2.16	-		
	Stratford on Avon	99	160	9.2	1.8	5.5	-	15.6	1	-5.6	26	7.2	-	1.41	-	.37	10	13	9	0	0	0	0	0	0	1	11	19	0	2.16	-	
	Birmingham Airport*	21-9	319	8.2	3.1	5.7	-	14.1	1	-4.5	26	-	-	1.79	67	.42	10	15	10	0	0	0	0	0	0	6	6	12	0	2.08	-	
	Shipston on Stour	99	365	8.6	2.1	5.3	-	15.6	1	-3.3	26	7.6	-	1.29	-	.23	2	14	9	0	0	0	0	0	0	3	11	18	-	2.21	-S	
	Wellesbourne ...	99	153	9.1	2.0	5.5	-	14.4	1	-5.0	26	7.1	9.6	1.22	50	.28	10	13	8	0	0	0	0	0	0	4	12	15	1	2.19	-	
	Moreton Morrell...	99	280	8.9	2.6	5.7	-	15.0	1	-3.9	26	-	-	1.30	-	.30	10	13	8	0	0	0	0	0	0	1	9	17	1	2.24	-S	
	Coventry...	99	338	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Oxford	Rugby ...	99	385	8.6	2.7	5.7	-	14.4	1	-3.9	26	6.4	9.9	2.17	-	.55	10	14	11	0	0	0	0	0	0	-	6	13	1	-	-
		Oxford ... *§	99	208	9.2	3.1	6.1	-0.6	15.6	1	-2.8	26, 27	7.1	10.1	1.44	56	.31	10	15	9	0	0	1	0	0	4	8	17	0	2.11	102	
	Buckinghamham	Aylesbury ...	99	316	8.8	2.3	5.5	-	15.6	1	-5.0	26	-	-	1.65	-	.49	10	11	9	0	0	0	0	0	0	6	11	16	2	1.95	-
	Stafford	Keele ...	99	587	8.5	2.9	5.7	-	13.3	1	-2.2	10, 28	6.4	9.7	1.50	48	.41	30	13	6	2	0	0	1	0	0	3	5	11	0	2.56	-
Oaken ...		99	409	8.6	1.9	5.3	-0.6	13.3	1, 30	-5.6	28	6.8	-	1.37	-	.26	30	14	12	-	-	-	-	-	-	-	8	-	-	-	-	
Shropshire	Wheaton Aston ...	99	365	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Stone ...	99	350	8.7	2.2	5.5	-	13.9	1	-5.0	28	-	-	1.35	-	.32	30	10	7	0	0	0	0	0	0	6	8	12	0	2.06	-S	
	Penkridge ...	99	330	8.6	2.1	5.3	-	13.3	1	-5.0	28	-	-	1.33	-	.35	1	11	10	0	0	0	0	0	0	2	8	15	0	-	-	
	Onecote ...	99	1350	6.2	1.7	3.9	-	11.1	1	-2.8	4	5.2	8.4	2.53	-	.69	29	13	13	0	0	0	0	0	0	6	10	12	0	2.42	-	
	Oswestry ...	99	570	8.9	3.3	6.1	-	13.3	1	0.0	10, 26, 28	-	-	2.14	-	.47	29	12	11	0	0	1	0	0	0	2	4	12	0	2.33	-	
	Church Stretton	-	582	-	-	-	-	-	-	-	-	-	-	1.73	47	.28	30	15	13	-	-	-	-	-	-	-	-	-	-	1.81	-	
	Shrewsbury ...																															

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER NOVEMBER 1961

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 -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. °C. or less	Gale	Daily Mean	Per-centage of Average		
			A Max.	B Min.			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	%		
5 ENGLAND, S.E.—cont.																														
Surrey																														
Wisley ...	9 9	150	9.4	3.3	6.3	-0.4	15.6	1	-2.2	24	7.4	10.4	2.12	75	.83	10	15	8	0	0	0	0	0	4	6	14	1	1.85	107	
Mickleham ...	9 9	179	9.4	1.9	5.7	-	16.1	1	-5.6	24	-	-	2.47	73	.95	10	14	10	0	0	1	0	0	1	15	15	0	-	-	
Kew Observatory §§	21-9	18	9.5	5.3	7.4	+0.2	15.1	1	-1.2	24	7.4	10.8	2.02	81	.88	10	11	9	0	0	0	0	0	4	3	11	0	2.11	123	
Gatwick ...	21-9	192	9.5	3.3	6.4	-	16.5	1	-6.0	24	-	-	2.27	-	.77	10	17	9	0	0	0	0	0	4	11	13	0	2.22	-	
Croydon (Waddon)	9 9	220	9.5	3.8	6.7	-0.4	16.1	1	-0.6	21,28	-	-	2.60	87	1.04	10	13	11	-	-	-	-	-	3	-	-	-	-	-	
Addington	9 9	474	8.7	3.9	6.3	-0.1	15.6	1	-0.6	28	-	-	2.71	86	1.04	10	15	13	-	-	-	-	-	1	2	-	-	-	-	
Kent																														
Bromley ...	9 9	213																												
Swanley ...	9 9	177	9.6	3.4	6.5	-	16.7	1	-2.8	24	8.2	-	2.54	-	1.14	10	14	12	0	0	0	0	0	3	10	13	0	2.16	-	
Dartford ...	9 9	17	10.1	3.8	6.9	-	17.2	1	-2.2	24	-	-	2.33	95	1.20	10	14	11	0	0	0	0	1	0	2	7	-	0	-	
Tunbridge Wells	9 9	351	8.8	2.3	5.5	-0.7	14.4	1	-5.0	24	6.8	9.8	3.08	85	.79	10	15	12	0	0	0	0	0	3	9	15	1	2.48	116	
Goudhurst ...	9 9	280	9.4	3.1	6.3	-	16.7	1	-2.8	24	-	-	2.96	75	.67	10	16	14	0	0	0	0	0	0	1	7	14	1	-	-
East Malling §§	9 9	122	9.8	3.0	6.4	+0.1	17.2	1	-4.4	6,7	-	10.3	2.60	84	.79	10	18	13	0	0	0	1	0	2	11	13	0	2.42	128	
Benenden ...	9 9	195	10.0	3.8	6.9	-	15.0	2	-3.9	24	-	-	2.78	-	.59	10	15	13	0	0	0	0	0	1	6	14	1	2.62	-	
Gillingham ...	9 9	10	9.9	3.9	6.9	-	17.2	1	-2.2	21	-	-	2.29	-	1.12	10	15	12	0	0	0	0	0	4	5	-	0	2.28	-	
Sittingbourne ...	9 9	224	9.9	3.9	6.9	-	16.7	1	-1.7	21	7.9	10.8	2.57	-	.90	10	15	11	0	0	0	0	0	2	4	14	6	2.67	-	
Isle of Grain ...	9 9	9	10.4	5.2	7.8	-	17.2	1	1.1	24	-	-	2.39	-	.92	10	15	10	-	0	-	-	-	0	0	7	-	2.25	-	
Throley ...	9 9	493	9.1	3.8	6.5	-	16.1	1	-1.1	21	7.9	11.1	3.47	-	.77	27	16	13	0	0	0	0	0	2	3	13	4	2.49	-	
Faversham ...	9 9	157	9.4	4.1	6.7	-	16.1	1	-1.7	24	8.2	10.8	2.48	-	.54	10	16	12	0	0	0	1	0	1	3	14	0	2.55	-	
Dungeness ...	21-9	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	0	-	-	4	-	-	
Wye ...	9 9	185	9.7	3.7	6.7	+0.1	16.7	1	-3.9	24	-	-	3.39	94	1.19	27	15	11	0	0	0	0	0	2	5	14	0	2.44	115	
Whitstable ...	9 9	9	10.1	4.7	7.4	-	16.7	1	-4.4	24	-	-	2.03	78	.51	10	14	11	0	0	0	0	0	1	1	-	1	2.26	-	
Folkestone ...	9 9	128	10.1	5.8	7.9	-	17.2	1	1.7	4,5	-	12.7	4.17	126	1.43	27	17	15	0	0	0	0	0	0	0	5	1	2.44	-	
Wingham (Elmstone)	9 9	28	9.8	3.6	6.7	-	16.1	1	-3.9	24	-	-	2.71	-	.75	27	15	11	-	0	-	-	-	1	8	10	-	-	-	
Herne Bay ...	9 9	21	9.9	5.7	7.8	-	15.0	1	0.0	24	-	-	2.09	77	.57	10	14	10	0	0	1	0	1	1	-	3	2	2.43	-	
Dover ...	9 9	19	10.4	5.9	8.1	+0.2	16.1	1	0.6	24	10.4	5.9	3.98	108	1.20	27	17	13	0	0	0	0	0	0	0	1	4	-	2.26	-
Dover R.M.S. ...	9 9	402																												
Deal ...	21-9	18	10.3	6.7	8.5	-	16.5	1	0.8	24	-	-	3.91	-	.99	8	15	8	0	0	0	1	0	0	0	3	3	-	-	
Ramsgate ...	9 9	80	10.2	6.6	8.4	-	16.7	1	2.2	24	-	-	2.98	109	.88	8	13	11	0	0	0	0	0	0	0	0	-	2.36	110	
Manston ...	21-9	145	9.6	5.5	7.5	-	16.6	1	-1.8	24	-	-	2.20	-	.69	10	15	9	0	0	0	0	0	0	2	5	2	-	-	
Margate ...	9 9	51	9.9	6.4	8.1	0.0	15.0	1,2	1.7	24	8.6	11.7	1.77	70	.49	10	13	8	0	0	0	0	0	0	0	3	2	2.44	116	
Sussex																														
Thorney Island	21-9	10	9.9	4.9	7.4	-	14.6	2	-3.0	24	-	-	2.16	69	.42	10	14	9	0	0	0	0	0	0	9	5	0	2.30	-	
Bognor Regis ...	9 9	24	9.9	5.3	7.6	-0.2	14.4	1,2	-0.6	24	-	12.1	2.75	82	.61	9	16	11	0	0	1	0	0	1	1	7	0	2.51	100	
Littlehampton ...	9 9	15	10.3	4.7	7.5	-0.1	14.4	1,2	-2.2	24	-	11.2	3.55	104	.78	9	16	11	0	0	0	0	0	0	2	-	0	2.46	99	
Rustington ...	9 9	10	10.2	4.4	7.3	-	15.0	2	-3.3	24	-	10.8	3.42	-	.77	9	16	11	-	0	-	-	-	1	5	9	-	2.16	-	
Worthing ...	9 9	25	10.1	5.2	7.7	-0.2	14.4	1,2	-1.1	24	8.4	11.6	2.87	83	.64	9	18	12	0	0	0	1	1	0	1	10	0	2.44	96	
Brighton ...	9 9	32	10.3	5.6	7.9	-	14.4	1,2	-0.6	24	-	11.8	2.81	84	.58	10	14	12	0	0	0	0	0	0	1	1	0	2.42	-	
East Grinstead ...	9 9	440	10.0	3.0	6.5	-	17.2	2	-4.4	24	7.9	-	2.19	-	.77	10	16	11	0	0	0	0	0	1	10	12	0	-	-	
Seaford ...	9 9	45	10.1	4.9	7.5	-	14.4	1,2	-1.7	24	-	-	-	-	-	-	-	-	-	-	-	-	-	0	1	-	-	2.45	-	
Eastbourne ...	9 9	35	10.1	5.9	8.0	-0.1	14.4	1	-0.6	24	9.3	12.9	3.96	100	.70	7	18	14	0	0	0	0	0	0	1	4	1	2.31	97	
Eastbourne (C/guard)	21-9	17	10.3	6.2	8.3	-	15.1	2	-0.7	24	-	-	4.03	-	.69	7	16	14	0	0	0	0	0	0	1	4	2	-	-	
Bexhill ...	9 9	14	10.3	5.7	8.0	+0.1	15.0	1,2	-1.7	24	9.4	-	4.38	123	.98	10	16	15	0	0	0	0	0	0	1	5	0	2.04	-	
Sedlescombe ...	9 9	175	9.5	2.9	6.2	-	15.6	1	-1.7	24	-	-	3.52	-	.75	10	18	14	0	0	0	0	0	0	5	11	3	-	-	
Bodiam ...	9 9	73	10.0	3.0	6.5	-	16.7	1	-5.0	24	8.6	11.6	3.03	-	.78	10	16	13	-	0	-	-	-	2	8	16	-	2.24	-	
Hastings §§	9 9	149	9.9	5.8	7.9	0.0	15.0	1,2	1.7	4,5	7.9	11.3	3.56	99	.84	10	18	14	0	0	0	0	1	0	0	6	0	2.32	98	
Berkshire																														
Letcombe Regis	9 9	350																												

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER NOVEMBER 1961

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. (°C. or less)	Gale	Daily Mean	Per-centage of Average		
				A Max.	B Min.		Maximum	Date	Minimum					Date	Amount	Date	-0.1in. (0.2mm.) or more	-0.4in. (1.0mm.) or more											Snow or Sleet	
				Max. Min.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	1 ft.	4 ft.	in.	%	in.									hr	%		
7a ENGLAND, N.W.																														
Cumberland	Sellafield...	9 9	43	10.2	4.1	7.1	-	12.8	1,5,6	-2.2	4	-	-	2.75	62	.68	29	14	13	-	0	-	-	-	0	4	11	-	2.32	-
	Carlisle ...	21-9	88	8.7	3.7	6.2	-	14.6	1	-2.7	11,28	-	-	2.48	-	.51	29	17	12	0	0	3	0	0	2	6	9	0	2.25	-
	Newton Rigg ¶	9 9	560	8.6	2.3	5.5	+0.3	13.9	1	4.4	11	6.1	-	2.05	61	.38	29	19	11	0	0	-	-	-	2	7	15	-	2.06	1198
Westmorland	Spadeadam ...	9 9	900	6.6	1.8	4.2	-	12.2	1	-3.3	4,28	4.9	7.3	3.47	-	.86	29	21	15	1	0	0	3	0	3	9	15	0	1.79	-
	Ambleside ...	9 9	151	9.1	3.6	6.3	-	13.3	1,2	-3.3	21	-	-	5.29	65	.86	29	19	15	0	0	2	0	0	6	-	0	1.24	-8	
	Great Dun Fell ...	-	2780	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.60	-	
Lancashire	Moor House ...	9 9	1840	5.2	0.5	2.9	-	10.0	1,22	-6.1	28	4.6	-	6.25	-	.93	29	22	15	-	4	-	-	-	2	13	18	-	1.57	-
	Barrow-in-Furness	9 9	55	9.7	5.1	7.4	-	13.3	1	0.0	11	9.1	-	3.44	-	1.16	29	19	16	-	0	-	-	-	6	1	-	-	-	-
	Squires Gate ...	21-9	33	9.2	4.7	6.9	-	13.6	1	-3.3	27	-	-	2.61	77	.79	29	19	12	1	0	1	0	0	2	6	9	3	2.14	-
Cheshire	Urswick ...	9 9	130	9.4	3.7	6.5	-	13.9	1	-1.1	27,28	-	-	3.32	-	1.22	29	17	12	0	0	0	0	0	5	5	-	1	-	-
	Poulton-le-Fylde	9 9	38	9.3	4.0	6.7	-	13.9	1	-1.7	11,28	-	-	3.23	-	1.12	29	18	12	0	0	0	0	0	3	4	-	0	-	-
	Grizedale ...	9 9	300	8.9	2.4	5.7	-	12.8	1	-3.3	21	7.3	-	4.92	-	1.38	29	17	14	0	0	0	0	0	0	9	16	0	-	-
	Speke ...	21-9	80	9.3	4.5	6.9	-	14.7	1	-1.4	9	-	-	1.67	57	.68	29	12	10	0	0	0	3	0	1	3	7	0	2.19	-
	Kirkham ...	9 9	77	3.9	3.9	-	-	14.4	1	-2.8	27,28	-	-	3.17	86	1.00	9	15	12	1	0	0	0	0	4	5	12	0	2.07	-
	Garstang...	9 9	68	9.3	3.7	6.5	-	13.9	1	-1.7	11,27	-	-	2.88	-	1.02	29	15	13	-	0	-	-	-	0	15	12	-	2.21	-
	Morecambe ...	9 9	24	9.3	4.4	6.9	+0.3	12.8	1	0.6	27	-	-	2.52	65	.76	29	17	12	0	0	0	0	0	0	0	-	0	1.80	93
	Preston (Moor Pk.)	9 9	108	9.4	4.2	6.8	-	15.0	1	-1.7	27,28	-	-	3.15	81	1.14	29	14	13	0	0	0	2	0	4	4	9	0	-	-
	Bolton ...	9 9	352	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Darwen ...	9 9	724	-	3.1	-	-	-	-	-1.1	28	6.6	8.4	4.27	75	1.71	29	17	12	1	0	0	0	0	0	5	-	0	-	-
	Stonyhurst ¶	9 9	377	8.9	3.7	6.3	+0.4	13.9	1	-0.6	10,11,28	-	-	4.01	85	1.52	29	17	13	-	0	-	-	-	4	5	9	-	2.08	125
	Manchester	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Weather Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Helmshore ...	9 9	854	7.5	3.2	5.3	-	11.7	1	-1.1	10	6.3	-	4.69	-	1.61	29	15	12	-	0	-	-	-	4	2	12	-	2.15	-
	Manchester	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(Smokeless Zone)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Burnley ...	9 9	655	7.9	3.1	5.5	-	13.3	1	-2.2	10,28	7.4	8.0	3.44	-	1.33	29	16	10	0	0	0	0	0	0	6	13	0	2.03	-	
Nelson ...	9 9	540	7.9	3.3	5.6	-	13.9	1	-2.2	10	6.6	9.4	3.77	82	1.36	29	21	11	-	0	-	-	-	2	5	11	-	1.65	-8	
Rochdale ...	9 9	362	8.4	3.1	5.7	-	12.8	1	-2.2	26,27,28	-	-	3.42	-	1.58	29	16	11	0	0	0	0	0	1	7	7	13	0	1.32	-
West Kirby Park	9 9	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Bidston Obs'y. ¶	9 9	198	9.1	5.0	7.1	+0.2	14.4	1	0.0	10	-	-	1.66	60	.73	29	12	11	-	-	-	-	-	3	1	5	-	2.62	138	
Northwich(Winnington)	9 9	65	9.7	3.7	6.7	-	14.4	1	-3.9	28	-	-	1.93	66	.80	29	13	11	0	0	0	0	0	3	5	11	0	-	-	-
Manchester Airport ¶	21-9	248	8.7	3.7	6.2	0.0	13.7	1	-3.6	28	-	-	1.97	65	.98	29	15	7	0	0	0	0	0	0	2	3	10	0	2.44	176
Macclesfield ...	9 9	500	8.2	3.2	5.7	+0.1	12.2	30	-2.8	28	-	-	2.59	76	.95	29	14	12	3	0	0	1	0	0	6	6	-	1	-	-
7b NORTH WALES																														
Flint	Rhyl ...	9 9	31	10.2	4.6	7.4	-0.2	15.0	1	-3.3	27	-	-	1.83	71	.66	29	13	10	0	0	2	1	1	0	4	6	0	2.02	107
	Prestatyn ...	9 9	12	10.1	4.9	7.5	-	15.0	1	-2.8	27	-	-	1.82	66	.68	29	13	9	0	0	0	0	0	0	3	-	0	-	-
	Hawarden Bridge	9 9	17	10.1	3.6	6.9	0.0	15.0	1	-3.9	28	-	-	1.60	58	.49	29	11	8	0	0	1	0	0	5	8	-	0	-	-
Anglesey	Holyhead (Valley)	21-9	26	10.1	6.2	8.1	-0.5	13.6	1	1.8	27	-	-	4.11	114	.62	29	19	17	0	0	2	0	1	0	0	4	2	2.46	123
	Colwyn Bay	9 9	118	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Alwen ...	9 9	1100	7.3	1.3	4.3	-	12.2	1	-4.4	10	-	-	3.88	-	1.21	29	15	12	-	-	-	-	-	8	17	-	-	-	-
Denbigh	Ruthin ...	9 9	248	9.7	3.2	6.5	-	14.4	1	-3.3	27	-	-	2.20	-	.79	29	12	10	-	0	-	-	-	0	5	-	-	-	-
	Bwlchgwyn ...	9 9	1287	6.8	2.3	4.5	-	12.2	1	-1.7	28	6.2	-	2.74	-	.57	29	14	14	0	0	0	0	0	3	4	13	0	-	-
	Ruabon ...	9 9	312	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Caernarvon	Wrexham ...	9 9	275	9.6	3.3	6.5	-	14.4	1	-2.2	10,28	7.2	9.7	1.69	-	.42	2	15	11	0	0	2	0	1	2	7	16	0	-	-
	Bardsey Island ...	21-9	60	10.4	6.5	8.5	-	13.7	1	2.6	28	-	-	3.30	-	.37	7	17	16	-	-	-	-	-	0	0	2	-	-	-
	Botwnnog ...	9 9	112	10.1	4.9	7.5	-	13.3	1,5	1.1	27	7.9	10.7	3.02	-	.56	29	17	15	0	0	1	0	1	0	0	7	1	2.50	-
Merioneth	Bryn Adda ...	9 9	275	9.9	4.9	7.4	-	13.3	1,21	1.7	10,11	-	-	4.80	-	1.41	29	15	13	0	0	0	3	1	0	12	0	2.08	-	
	Cwm Dyli ...	9 9	324	9.3	4.6	6.9	-	12.8	1	0.0	9,10	8.3	-	11.83	-	2.60	29	19	16	-	0	-	-	-	1	2	9	-	-	-
	Aber ...	9 9	60	10.2	5.2	7.7	-0.4	15.6	1	1.1	28	-	-	4.62	106	1.44	29	16	14	0	0	2	0	0	0	5	1	1.30	978	
Montgomery	Llandudno ¶	9 9	13	10.1	5.7	7.9	-0.3	16.1	1	-2.2	27	-	-	2.86	100	.93	29	15	13	0	0	1	0	0	1	-	1	1.99	109	
	Llyn Stwlan ...	9 9	1656	5.8	2.3	4.1	-	10.6	1	0.0	11,28	-	-	9.86	-	2.50	29	19	17	-	0	-	-	-	2	13	-	-	-	-
	Blaenau Ffestiniog	9 9	750	8.8	4.5	6.7	-	12.2	1	1.7	10	-	-	8.73	-	2.23	29	19	15	1	0	1	1	0	0	0	-	0	1.38	-8
Corwen ...	9 9	473	8.8	1.9	5.3	-	14.4	1	-5.0	27	-	-	3.29	-	1.01	29	17	12	1	0	1	0	0	-	7	17	0	-	-	
Lake Vyrnwy ...	9 9	995																												

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER NOVEMBER 1961

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	Percentage of Average	Most in a day		Precip'n 40ins. (0.2mm.) or more	40ins. (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	Daily Mean	Percentage of Average																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
				A	B			Maximum	Date	Minimum	Date	Amount	Date																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
				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 IV—SUMMARY OF OBSERVATIONS AT FIXED HOURS NOVEMBER 1961

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.	440-1,090 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.																
																										8 or more	6	4	1	0																								
																										Speed in knots	3	5	3	Calin																								
																																		34 or more	22 to 33	11 to 21	1 to 10	0																
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TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS NOVEMBER 1961

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.	210-430 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.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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STATION	TOTAL RADIATION ON A HORIZONTAL SURFACE mw. hr./cm ²						DIFFUSE RADIATION ON A HORIZONTAL SURFACE mw. hr./cm ²						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	84	10	11	19	32.3	30	44	1, 4	11	19	23.2	30	98	4	11	22	36.5	30
Eskdalemuir	186	3	16	7	65.5	30	83	6	16	7	42.9	30	173	3	18	7	67.6	30
Cambridge	197	1	24	14	81.0	30	79	22	24	14	50.0	30	-	-	-	-	-	-
Kingsway	205	4	14	13, 27	75.8	30	82	8, 12	9	13	50.3	30	216	4	14	27	82.0	30
Kew	213	4	12	27	76.9	30	89	5	12	27	47.8	30	211	4	13	27	83.3	30
Aberporth	182	9	15	30	87.1	30	105	6	15	30	61.0	30	-	-	-	-	-	-

TABLE VIII—NUMBER OF DAYS IN NOVEMBER 1961 WITH MAXIMUM AND MINIMUM TEMPERATURES BETWEEN GIVEN LIMITS.

STATION	MAXIMUM TEMPERATURE °C.								STATION	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°		0° or less	0° to 5°	5° to 10°	10° to 15°	15° to 20°	20° to 25°	25° to 30°	Above 30°
Lerwick	0	6	23	1	0	0	0	0	Birmingham	0	1	25	4	0	0	0	0
Stornoway	0	2	24	4	0	0	0	0	Kew Observatory	0	0	19	10	1	0	0	0
Craibstone	0	7	20	3	0	0	0	0	Hastings	0	0	18	12	0	0	0	0
Rothsay	0	2	24	4	0	0	0	0	Southampton	0	0	14	16	0	0	0	0
Renfrew	0	4	20	6	0	0	0	0	Stonyhurst	0	0	25	5	0	0	0	0
Eskdalemuir	0	7	22	1	0	0	0	0	Bidston Observatory	0	0	23	7	0	0	0	0
Douglas	0	0	22	8	0	0	0	0	Holyhead (Valley)	0	0	18	12	0	0	0	0
Cockle Park	0	2	26	2	0	0	0	0	Falmouth	0	0	12	18	0	0	0	0
Gorleston	0	0	20	10	0	0	0	0	Aldergrove	0	2	22	6	0	0	0	0
Cambridge	0	0	21	9	0	0	0	0	Armagh	0	1	18	11	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		Differ- ence 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
				A	B		Maximum	Date	Minimum	Date		Amount	Date		0.01 in. (0.2 mm.) or more	0.01 in. (0.2 mm.) or more												
				Max. Min.	ft.	°C.	°C.	Mean of A and B	°C.	°C.	°C.	°C.	1 ft.	4 ft.	in.	%	in.											hr
1960		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.			°C.	°C.	in.	%	in.													
October	York	9 9	57	55.0																								
November	Cleethorpes	9 9	23	50.3		45.0	+1.1																					
August	Cromer	9 9	178	66.0		59.3	-2.3																					
November	East Bergholt	9 9	14	52.4																								
October	Ilkley	9 9	315	54.0		49.7	+1.0																					
December	Sutton Bonington	9 9	157	43.7		38.8	-0.6																					
October	Rugby	9 9	385	54.9		49.6																						
November	Oaken	9 9	409	48.8		43.3																						
"	Wheaton Aston	9 9	365	49.3		43.7																						
December	"	9 9	365	42.8		37.7																						
July	Pershore (Hort.)	9 9	130	67.3		60.3																						
October	Penkridge	9 9	330	53.5																								
November	"	9 9	330	49.7																								
December	"	9 9	330	42.5																								
October	Oswestry	9 9	570	53.4																								
July	Preston Wynne	9 9	274	66.8		58.7																						
"	Kensington Palace	9 9	81	68.9																								
August	Regents Park	9 9	129			61.7																						
October	"	9 9	129			52.9																						
November	"	9 9	129	52.9																								
December	Camden Sq. Gdns.	9 9	121	45.0		41.5	+0.4																					
"	Hampton	9 9	39																									
"	Wisley	9 9	150	44.1																								
"	Mickleham (Juniper Hall)	9 9	179	43.8		38.8																						
September	Bromley	9 9	213	64.2																								
December	Swanley	9 9	177	43.9		39.7																						
November	Dartford	9 9	17	53.1																								
December	"	9 9	17	45.3		40.8																						
August	Gillingham	9 9	14	69.2		61.7																						
October	Sittingbourne	9 9	224	56.2																								
December	Wye	9 9	185	44.3		39.7																						
November	Bexhill	9 9	14	53.1		48.5																						
September	Folkestone	9 9	128	64.8		59.6																						
December	Brighton	9 9	32	46.1		42.0																						
"	Sandown	9 9	13	46.4																								
October	Barrow-in-Furness	9 9	55	56.3		51.4																						
December	Garstang	9 9	68	43.4		38.3																						

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DUPLICATE

Monthly Weather Report

OF THE METEOROLOGICAL OFFICE

M.O. 701

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



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Volume 78 Number 12

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December 1961 — *Cold particularly during the latter half*

The first half of the month was cyclonic and changeable, but from the 16th to the 22nd weather was mainly anticyclonic with easterly or variable winds. Winds remained easterly during most of the rest of the month associated with persistent low pressure to the south-west of the British Isles. There were some heavy snowfalls during the month.

During the first week pressure was low over Scandinavia and high over Greenland with a cold northerly airstream over the Norwegian Sea which frequently spread over the British Isles. On the 1st a shallow depression moved from Wales to the southern North Sea bringing mild wet weather to southern England, but further north it was brighter and colder with northerly winds and snow showers. The cold northerly airstream spread to southern England on the 2nd but a polar depression skirting the Scottish coast gave severe gales and considerable snow in the north. The next day milder weather spread back over the southern part of the country as a small disturbance moved east along the English Channel heralding the approach of a vigorous Atlantic depression which, on the 4th, brought gales to most coastal districts, widespread rain to the south and prolonged snow to Scotland. Much of the Midlands and North became snow-covered and snow lay 4-6 in. deep over higher ground. As the depression moved away north-eastwards gales became severe over Scotland on the night of the 4th/5th. Behind the depression strong north-westerly winds again covered the country on the 5th, but they slowly moderated the following day. There were scattered sleet and snow showers in most districts on the 5th and 6th but the 7th was generally fine and sunny with a ridge of high pressure over the country.

During the second week, which was generally mild, a succession of troughs associated with a persistent low pressure area in the eastern Atlantic, crossed the British Isles. On the 8th, an almost sunless day, a belt of frontal rain, preceded by snow mainly in the Midlands and North, spread slowly north-east across the country. In the moister airstream which spread in from the Atlantic from the south-west, fog became widespread, and was thick locally on the 9th and 10th. During the next few days weather continued generally dull and wet with heavy rain at times, but on the 13th an exceptionally rapid rise of pressure brought a complete change.

High pressure extended from northern Russia across Scandinavia to the British Isles on the 14th and thereafter weather over the whole country was quiet and mainly dry for about a week, with increasing frost and fog. Fog formed widely soon after midnight on the 14th, was thickest in eastern England on the 15th, in southern Scotland on the 17th and covered most of England and southern Scotland on the 21st. Widespread night frost was severe in many places, temperature falling as low as -8°C on several mornings and remaining below freezing point all day in persistently foggy areas.

Weather during the remainder of the month was dominated by easterly winds with pressure high to the north of the British Isles and with low pressure systems moving towards the Bay of Biscay. Freshening easterly winds cleared most of the fog on the 22nd, except in East Anglia and the Clyde Valley. A fine and sunny, but exceptionally cold spell followed, with temperatures remaining below freezing point over most of the country until the 28th. It was one of the coldest Christmas periods of the century almost everywhere; temperature fell to -11°C at Eskdalemuir early Christmas morning. On the 28th

day temperatures failed to rise above -5°C at many places. Milder air, brought up by a wave depression from the Atlantic, reached the southern half of England on the 29th, when in parts of Cornwall 10°C was recorded. But, on the last day of the month, a depression over France moved north-east bringing heavy falls of snow to south-east England; in the Chilterns level snow lay up to 15 in. and there were drifts 3 ft. deep.

Pressure and Wind — Mean pressure was considerably below the average in the south but above average in the north of the British Isles, the deviation at 9 hr ranging from $+2.7$ mb at Stornoway to -5.0 mb at Scilly. Surface winds varied mainly between south-west and north-west at first becoming more generally south-westerly on the 6th and 13th, between south and south-east on the 14th-17th and then light and variable until the 21st. Easterly winds predominated during the remainder of the month. Winds reached gale force on 21 days in Scotland and on the 1st, 3rd, 5th, 10th, 11th, 13th, 22nd-26th, and 30th (13 days) in England and Wales. Gales were widespread on the 5th and 11th, and were recorded on ten days at the Lizard, four days (22nd-25th) being consecutive.

Temperature — Mean temperature was generally below the 1921-50 average the deficit being -1.9°C in England and Wales, -2.6°C in Scotland and -2.5°C in Northern Ireland. Apart from the second week, when it was above the average, temperature was generally below the average especially during the last week. On the morning of the 31st temperature fell to -19°C at Eskdalemuir, 6°C below the previous lowest recorded there in 1912.

Extremes reported were (England and Wales) 15.6°C and Aber on the 10th and at Teignmouth on the 11th, -17.2°C at Kilder Castle on the 31st; (Scotland) 15.6°C at Achnashellach on the 15th, -22.2°C at Cannich on the 30th; (Northern Ireland) 13.9°C at Eglinton on the 13th, -11.1°C at Ballykelly on the 31st.

Rainfall — The general precipitation expressed as a percentage of the 1916-50 average was 114 over England and Wales, 91 over Scotland and 78 over Northern Ireland. Less than half the average rainfall occurred in the Lochalsh area of Ross-shire while more than 150 per cent of the average fell in the London area, the east Midlands, on the north coast of Kent and in the Spey Valley.

Thunder was heard on six days in Scotland and five days in England and Wales mainly during the first week.

Snow or sleet fell daily in Scotland except on the 14th-21st. In England and Wales it fell mainly during the first and last week. In parts of the Midlands snow lay 4-6 in. deep on the 7th and 8th and 12-16 in. deep on the 30th and 31st.

Sunshine — The month was exceptionally sunny in parts of Wales, north-east and south-east England, the general sunshine expressed as a percentage of the 1921-50 average being 133 over England and Wales, 115 over Scotland and 88 over Northern Ireland.

Fog — In Scotland fog occurred at one place or another on 26 days and in England and Wales every day except the 23rd and 24th; it was widespread on the 17th-21st and during the last few days of the month.

Miscellaneous Phenomena — The aurora was visible in Scotland on ten nights; it was seen as far south as Exeter on the night of the 2nd/3rd.

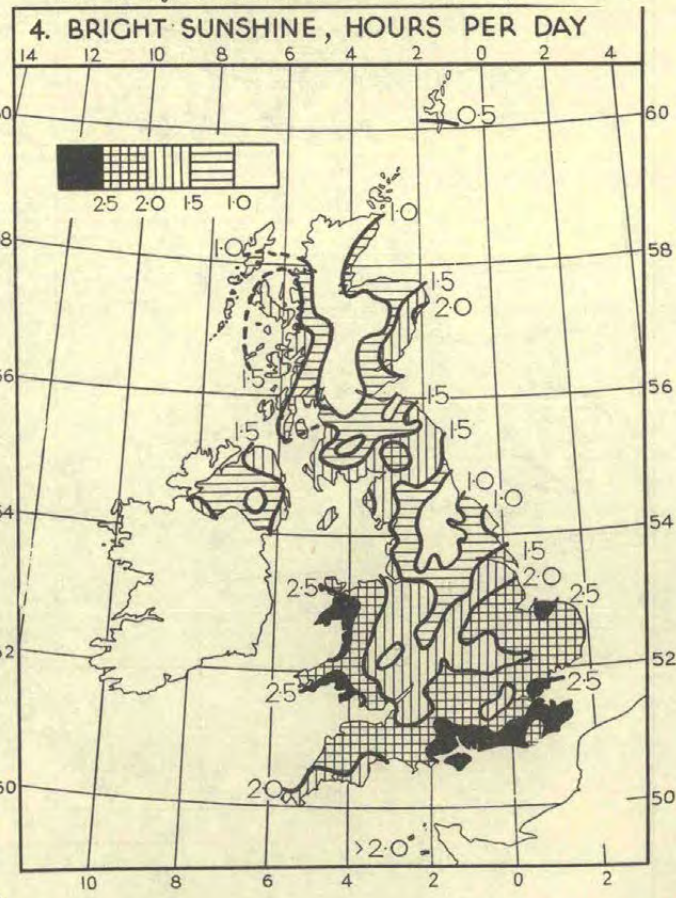
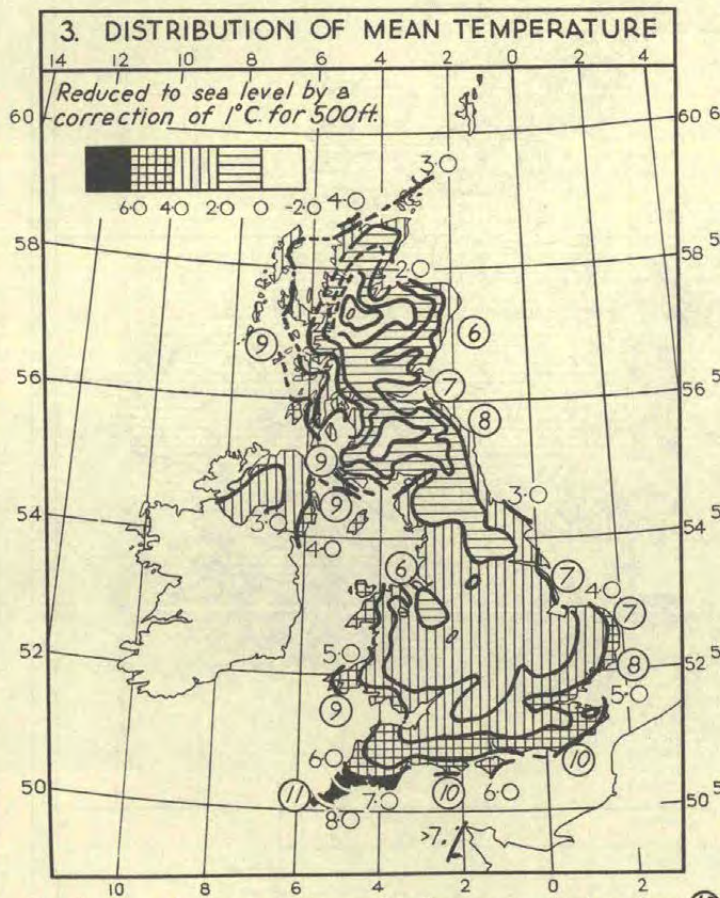
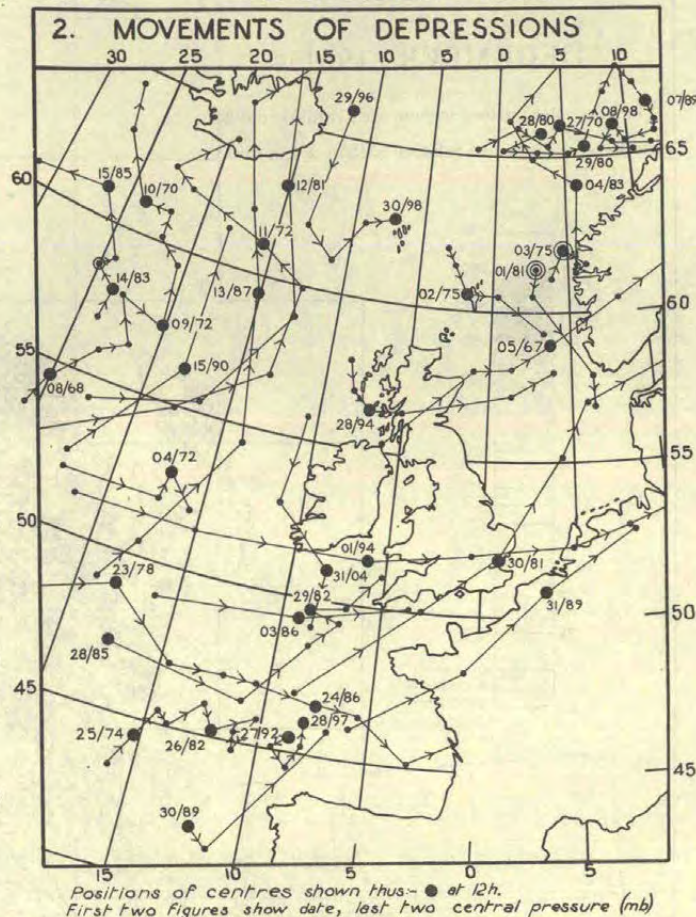
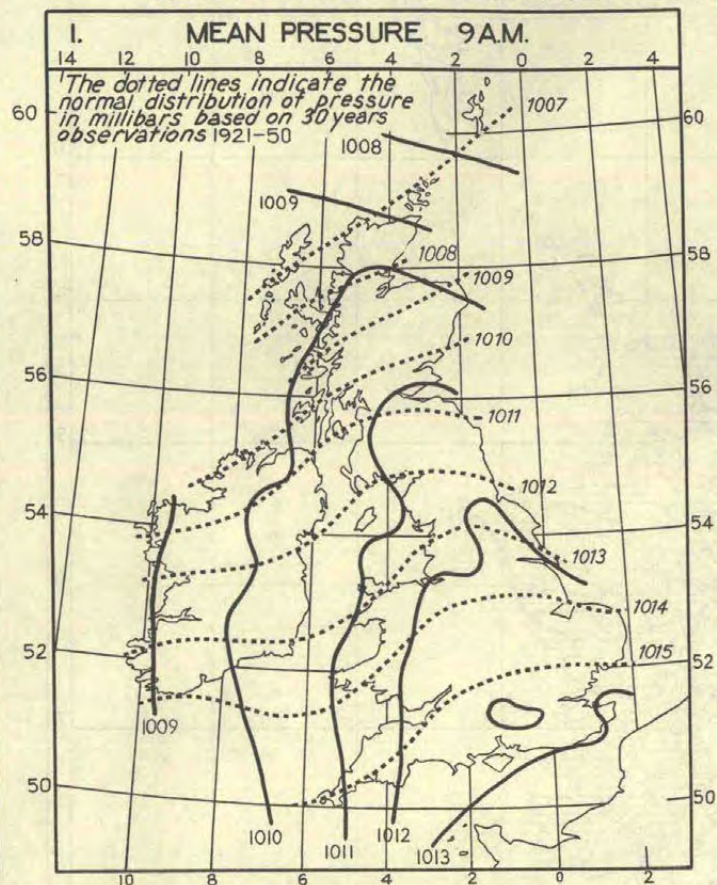
Please Note: As from the July issue, all page numbers should be advanced by one.

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

MWR dup

MONTHLY WEATHER CHARTS

DECEMBER 1961



RAINFALL

DECEMBER 1961

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

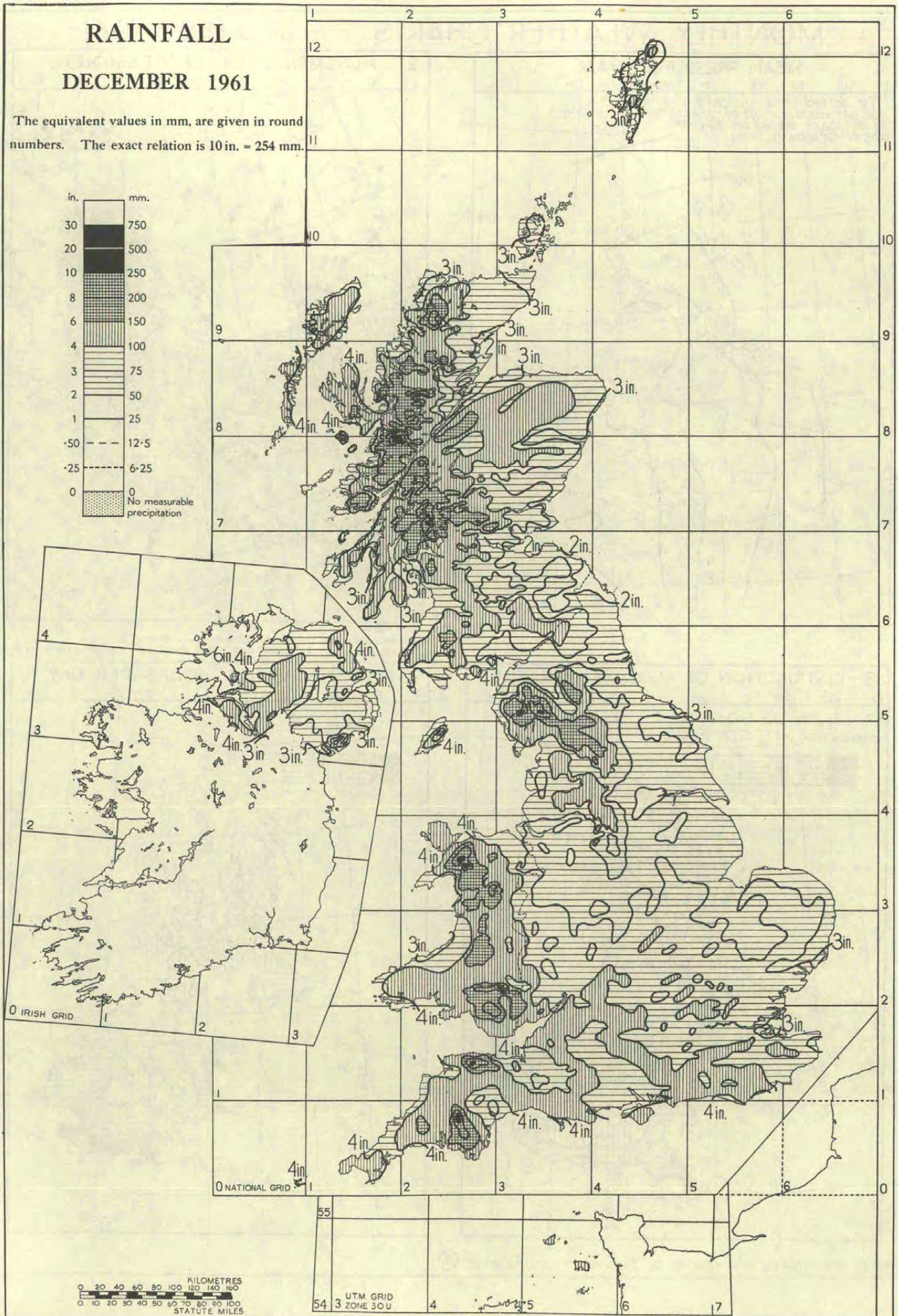
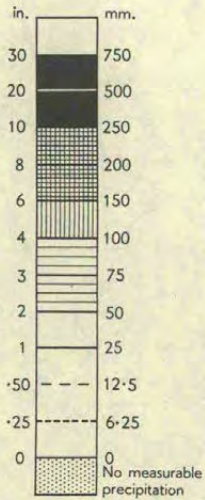


TABLE III — SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER December 1961

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.	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																								
			Mean Temperature Mean of A and B	Mean Temperature Mean of A and B		Maximum	Date	Minimum	Date																								
G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.		-0.1in.(0.2mm.) or more	-0.4in.(1.0mm.) or more	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	hr	%								
0 SCOTLAND, N.																																	
Zetland	Lerwick Obs'ys. ¶	21-9	269	3.9	1.2	2.5	-1.8	9.8	16	-8.2	28	-	-	3.03	68	.48	11	26	18	15	10	3	10	0	1	14	16	9	0.30	73			
	Baltasound ...	9 9	78	4.8	1.1	2.9	-	9.4	16, 17	-5.6	28	4.9	-	4.15	82	.53	10	27	23	17	12	5	0	0	0	16	-	7	0.10	-			
Orkney	Sule Skerry ...	9 9	43	6.0	3.6	4.8	-	12.0	15	-8.0	4	-	-	2.26	-	.29	1	23	15	9	6	2	0	0	0	7	13	3	-	-			
	Kirkwall (Grimsetter) ...	21-9	84	4.7	0.9	2.8	-	9.4	15	-7.6	29, 30	-	-	2.71	60	.31	27	21	17	15	12	11	1	0	0	16	21	2	0.65	-			
Caithness	Dounreay ...	9 9	70	5.7	-0.9	2.4	-	12.8	15	-10.6	30	-	-	3.51	-	.49	4	23	15	7	12	0	2	0	0	19	24	4	-	-			
	Halkirk (Olgrinbeg) ...	9 9	232	-	-	-	-	-	-	-	-	-	-	2.67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Wick ... ¶	21-9	119	4.2	-0.3	1.9	-2.8	10.2	15	-11.7	30	-	-	2.89	97	.51	6	22	15	15	12	0	8	0	1	19	20	2	1.24	118			
Sutherland	Cape Wrath ...	21-9	367	5.7	2.6	4.1	-	13.5	15	-4.0	29, 30	-	-	2.22	45	.29	2	21	16	14	5	1	0	0	0	0	15	18	0	-	-		
	Lairg (Achan) ...	9 9	240	3.0	-4.4	0.7	-	11.7	14, 15	-17.8	30	2.1	5.4	3.19	-	.54	4	19	15	13	18	2	0	0	0	5	22	30	0	-	-		
	Strathay ...	9 9	120	4.6	-1.8	1.4	-	11.7	15	-13.3	30	-	-	3.44	87	.52	28	24	16	16	14	2	1	1	4	19	-	0	0.70	-8			
Ross & Cromarty	Stornoway ¶	21-9	11	5.2	-0.3	2.5	-2.9	11.7	15	-11.2	30	-	-	4.09	101	.61	5	22	19	13	11	6	6	0	0	20	20	2	0.85	109			
	Balmacara ...	9 9	2	5.4	-0.4	2.5	-	13.3	15	-8.9	30	-	-	3.07	-	.49	11	18	15	-	7	-	-	-	-	-	-	-	-	-	-	-	
	Achnashellach ...	9 9	220	4.1	-3.1	0.5	-3.4	15.6	15	-14.4	30	-	-	6.13	71	1.23	4	18	16	11	14	0	1	0	1	23	-	0	-	-	-	-	
	Kinlochewe ...	9 9	76	4.7	-1.9	1.4	-	13.9	15	-12.8	30	3.5	-	5.91	-	.88	11	17	16	17	17	0	3	1	0	21	-	0	0.75	-8			
	Garve (Blackbridge) ...	9 9	690	2.3	-4.6	4.1	-	10.6	15	-18.1	31	-	-	2.71	-	.79	6	15	13	-	-	-	-	-	1	24	26	-	0.40	-	-		
	Fortrose ... ¶	9 9	15	4.1	-0.2	1.9	-3.0	11.1	14, 15	-8.9	30	-	-	2.58	126	.78	4	20	9	9	11	0	0	0	1	19	-	0	1.28	116			
	Tarbatness ...	21-9	60	3.6	-0.4	1.6	-	10.0	15	-9.0	30	-	-	2.63	-	(.43)	4	13	10	5	9	0	1	0	2	19	-	0	-	-	-	-	
Inverness	Benbecula ...	21-9	19	5.5	1.1	3.3	-	11.5	14	-10.5	30	-	-	3.94	85	.78	5	21	18	15	9	2	7	0	0	0	17	20	3	1.57	-		
	Isle of Rhum ...	9 9	15	5.8	0.3	3.1	-	13.3	17	-8.3	30	3.7	7.4	6.49	-	.98	10	19	16	7	9	1	2	0	0	0	18	25	3	-	-	-	
	Prabost ...	9 9	220	4.7	-0.2	2.3	-	11.7	14, 15	-8.3	30, 31	-	-	5.22	-	.86	11	23	20	13	13	0	13	0	0	0	19	24	5	2.14	-		
	Duntulm ...	9 9	294	5.5	1.1	3.3	-	12.8	10	-6.1	29	-	-	4.66	84	1.00	28	22	17	11	9	6	0	0	0	0	13	21	1	1.57	-8		
	Onich ... ¶	9 9	48	4.7	-1.0	1.9	-3.0	12.8	15	-11.1	31	-	-	5.44	62	1.00	11	13	13	7	9	0	0	0	0	0	18	24	0	1.20	1748		
	Fort William (Camaghael) ...	9 9	27	4.1	-3.2	0.5	-	12.8	15	-15.0	31	2.4	4.8	4.52	-	.76	11	17	15	10	14	0	2	0	3	20	23	0	1.27	-8			
	Fort Augustus ...	9 9	70	3.3	-2.8	0.3	-3.6	12.8	15	-16.7	30, 31	-	-	4.01	-	.80	4	19	14	10	14	0	0	0	6	22	-	0	1.40	-8			
	Cannich ...	9 9	350	0.9	-7.2	-3.1	-	10.0	15	-22.2	30	-	-	4.11	87	.90	4	13	13	-	19	-	-	-	-	4	25	30	-	-	-	-	
	Dalwhinnie ...	18-9	1176	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Inverness ...	9 9	13	3.8	-1.7	1.1	-	12.8	15	-11.1	30, 31	-	-	2.96	-	.76	4	16	12	9	16	0	0	0	0	0	20	25	0	0.89	-		
	Achnagoichan ...	9 9	1000	2.4	-4.7	-1.1	-	11.1	15	-19.4	30	2.3	-	3.51	-	(1.30)	4	15	12	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Glenmore Lodge ...	9 9	1120	2.2	-5.6	-1.7	-	13.3	15	-18.0	31	-	-	4.43	-	1.31	4	19	14	15	18	0	0	0	0	0	26	28	0	0.52	-8		
1 SCOTLAND, E.																																	
Nairn	Nairn ... ¶	9 9	20	4.5	-2.1	1.2	-3.0	12.8	15	-12.2	30	-	-	2.85	150	.65	4	18	11	6	16	0	0	0	3	22	29	0	1.13	100			
	Grantown-on-Spey ...	9 9	720	2.7	-6.4	-1.9	-	10.0	14, 15, 16	(-15.0)	31	-	-	3.66	-	.94	4	15	11	-	18	-	-	-	-	1	29	31	-	-	-	-	
	Forres ...	9 9	155	3.9	-2.7	0.6	-	13.3	14	-16.7	31	2.2	5.0	2.08	119	.45	4	15	10	11	16	0	0	0	0	0	22	26	0	1.47	-		
	Kinloss ...	21-9	15	3.6	-2.1	0.7	-	13.3	15	-16.0	30	3.0	-	2.66	-	.55	4	19	10	14	14	0	8	0	0	0	21	26	1	1.38	-		
	Elgin ...	9 9	92	4.8	-1.6	1.6	-	12.8	15	-11.1	30	-	-	2.73	-	.61	4	18	11	13	15	0	0	0	0	0	20	28	1	1.50	-		
	Lossiemouth ...	9 9	21	4.6	-2.5	1.1	-	12.8	15	-15.0	30	-	-	3.47	-	(.73)	28	14	13	13	6	1	0	0	0	3	21	28	2	-	-	-	
	Gordon Castle ...	9 9	104	4.8	-3.1	0.9	-3.2	13.3	15	-16.1	30	-	-	3.52	158	.81	4, 28	18	16	-	11	-	-	-	-	-	25	-	-	1.45	1338		
Banff	Glenlivet ...	9 9	1085	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Aberdeen	Braemar ...	9 9	1113	2.1	-4.7	-1.3	-3.2	8.9	16, 17	-16.1	30	-	-	4.02	107	.75	4	17	12	-	16	-	-	-	-	-	1	23	30	-	0.80	-8	
	Balmoral ...	9 9	927	2.0	-5.8	-1.9	-4.0	10.6	16	-15.0	30	-	-	2.61	82	.45	4	20	16	8	21	0	0	0	-	-	25	31	0	-	-	-	
	Logie Coldstone ...	9 9	608	3.2	-4.0	-0.4	-3.1	10.6	16	-13.9	27	-	-	2.64	-	.70	4	17	12	-	18	-	-	-	-	-	24	-	-	-	-	-	
	Huntly ...	9 9	405	3.6	-2.5	0.5	-	11.6	15	-11.4	27	-	-	4.79	-	.76	4	19	12	12	15	0	1	0	0	0	23	26	0	-	-	-	-
	Fyvie Castle ...	9 9	218	3.5	-3.2	0.1	-	9.4	15	-13.3	27	-	-	4.34	-	.91	4	16	15	-	13	-	-	-	-	-	24	30	-	1.71	-		
	Craibstone ¶	9 9	300	3.8	-0.7	1.5	-2.2	10.0	16	-7.8	30	3.2	5.3	3.70	117	(1.03)	28	18	13	9	13	1	0	0	1	19	22	1	1.75	120	-	-	
	Dyce ...	21-9	180	3.9	-1.6	1.1	-	10.4	12, 16	-11.2	29	-	-	3.39	103	.82	28	17	13	15	10	0	2	0	0	0	1	21	24	1	1.77	-	
	Aberdeen ...	9 9	170	4.2	-1.0	1.6	-	10.0	16	-6.7	27, 30	-	-	3.27	105	.69	28	17	11	9	7	1	2	0	2	0	20	26	0	1.69	-8		
	Udny ...	9 9	363	3.7	-1.7	1.0	-	9.4	16	-10.0	30	-	-	3.23	-</																		

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER DECEMBER 1961

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. °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.	in.	%	in.	°in (0.2mm) or more	°in (1.0mm) or more
1 SCOTLAND, E.—cont.																																		
Midlothian		99	620	3.4	-2.5	0.5	-	10.6	13	-12.2	31	2.6	-	2.77	-	.89	10	14	13	9	14	0	0	0	23	28	0	-	-					
cont.		99	605	3.9	-2.4	0.7	-	10.6	13,15	-11.7	31	2.3	5.0	2.63	-	.90	10	13	11	9	12	0	1	0	1	22	27	0	0.95	-8				
Edinburgh—		99	441	4.4	-0.6	1.9	-2.6	11.1	11,13,15	-7.2	31	-	-	2.61	124	.78	10	12	10	7	8	1	0	0	1	21	23	1	1.51	108				
Blackford Hill		99	200	5.2	-1.1	2.1	-	11.7	12	-10.0	27	-	-	2.42	-	(.50)	4	10	10	7	6	0	0	0	4	22	26	0	0.89	-				
Liberton		99	74	4.6	-1.4	1.6	-	12.8	13	-10.6	25	2.4	-	2.29	-	.55	4	12	10	8	11	0	1	0	7	21	28	0	1.10	-				
Botanic Garden		99	162	4.3	-2.4	0.9	-	11.7	12	-14.4	31	-	-	2.21	-	.50	10	11	10	9	9	0	0	0	1	23	26	0	0.83	-				
E. Lothian		99	51	5.4	-0.2	2.6	-1.9	12.2	12	-8.3	31	-	-	2.39	131	.55	10	14	10	5	6	0	0	0	0	20	-	0	0.92	101				
North Berwick		99	75	5.6	-0.1	2.7	-	12.2	12	-8.3	27	-	-	2.01	-	.41	10	14	10	7	6	0	0	0	0	1	18	24	0	1.57	-			
Dunbar		99	498	4.2	-1.5	1.3	-2.1	10.0	11,12,13	-8.9	31	-	-	2.67	113	.53	10	13	12	6	11	0	0	0	0	21	-	0	1.34	1218				
Berwick		99	245	4.6	1.8	3.2	-	10.7	11	-3.5	31	-	-	1.85	-	.50	4	13	10	6	2	2	0	0	0	1	12	14	3	-	-			
St. Abb's Head		99	741	3.7	-3.6	0.1	-	11.1	13,15	-17.2	31	-	-	3.01	-	.72	10	15	11	11	13	0	2	0	0	22	26	0	-	-				
Peebles		99	830	3.6	-3.0	0.3	-	11.1	15	-13.9	31	-	-	3.20	-	.88	10	14	11	9	14	0	0	0	1	22	27	0	1.40	-				
Broughton		99	800	3.4	-3.4	0.0	-	10.0	12,13,15	-14.4	31	1.2	4.9	3.01	-	.74	10	20	11	10	14	0	1	0	2	24	25	0	-	-				
Blyth Bridge		99	645	4.2	-3.3	0.5	-	11.1	13,14	-13.3	27	-	-	2.91	-	.93	4	10	9	4	13	0	0	0	1	23	27	0	0.43	-8				
West Linton		99	580	4.1	-3.6	0.3	-	11.1	10,11,12	-16.1	31	-	-	2.93	-	.82	4	11	10	6	9	0	0	0	0	22	-	0	-	-				
Peebles (Glenress)		99	600	3.2	-3.7	-0.3	-	10.6	13	-13.3	31	-	-	2.79	-	.76	4	16	14	12	14	0	0	0	3	24	-	1	-	-				
Selkirk		99	560	4.0	-3.4	0.3	-	11.1	12	-18.3	31	-	-	2.25	-	.45	4	15	12	-	11	-	-	1	23	-	-	-	-	-				
Roxburgh		99	900	4.1	-1.9	1.1	-	10.0	10,13	-12.8	31	-	-	2.17	-	.44	4	15	12	8	11	0	1	0	1	22	27	0	1.74	-				
Sourhope		99	900	4.1	-1.9	1.1	-	10.0	10,13	-12.8	31	-	-	2.17	-	.44	4	15	12	8	11	0	1	0	1	22	27	0	1.74	-				
8a SCOTLAND, W.																																		
Argyll		21-9	29	6.0	2.2	4.1	-2.2	10.9	12	-6.7	31	-	-	3.26	70	.64	4	17	15	12	8	2	9	0	0	13	17	2	1.45	154				
Tiree		21-9	65	6.5	3.0	4.7	-	11.5	10	-2.2	31	-	-	3.85	-	.93	4	15	14	7	2	4	0	0	0	0	9	13	3	-	-			
Rhuvaal		99	87	6.2	0.6	3.4	-	11.1	10,13,15	-6.1	25,31	-	-	4.12	73	.98	4	19	14	5	-	2	0	0	0	2	16	-	3	-	-			
Colonsay		99	10	6.6	1.9	4.3	-	12.2	10,14	-6.7	31	-	-	3.34	-	1.49	4	11	10	-	0	-	-	-	-	16	-	-	1.16	-				
Campbeltown		99	40	5.4	-1.3	2.1	-	11.1	13	-10.0	31	-	-	4.14	-	.65	4	18	14	5	-	2	0	0	0	21	23	0	-	-				
Tarbert (Achaglachgach)		99	229	5.4	0.5	2.9	-	10.6	10,13,16	-7.8	31	-	-	4.14	69	.86	4	14	14	7	5	2	0	0	0	0	17	23	1	1.31	1498			
Oban		99	30	5.1	-0.3	2.4	-	11.1	10,13	-7.8	31	-	-	4.68	-	.76	4	15	14	6	6	1	1	0	0	3	19	-	0	1.13	-8			
Lephinmore		99	120	3.8	-2.1	0.9	-3.2	10.6	15	-11.1	31	-	-	7.38	71	1.31	10	14	12	-	13	-	-	3	20	27	-	-	-	-				
Glenbranter		99	48	5.0	-2.1	1.5	-	11.1	11,14,15	-7.8	27,31	2.5	5.1	6.82	66	(1.14)	4	15	14	8	10	0	0	0	6	21	23	0	-	-				
Benmore (Forestry Sch.)		99	40	4.9	-1.0	1.9	-	11.1	10,11,12	-7.8	31	-	-	6.90	-	1.23	10	15	13	8	11	0	1	0	4	20	26	0	-	-				
Benmore (Younger Bot. Gdn.)		99	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Bute		99	150	5.1	1.1	3.1	-2.1	11.1	10,11,12	-5.0	31	3.6	5.9	3.78	64	.65	10	15	13	6	0	3	0	0	0	7	17	23	0	1.25	129			
Lochranza		99	16	5.9	1.8	3.9	-	11.1	10,11	-4.4	31	-	-	3.25	67	.72	4	15	11	7	3	1	0	0	0	0	11	-	7	-	-			
Rothsay		99	293	3.6	-1.3	1.1	-3.2	10.0	11,13,15	-7.2	31	-	-	5.34	87	1.29	4	15	15	7	5	0	0	0	0	2	20	-	0	-	-			
Millport		99	151	3.9	-1.2	1.3	-2.9	10.6	13	-8.3	31	2.2	7.3	3.53	93	1.27	4	13	10	7	12	0	0	0	0	8	20	22	0	-	-			
Helensburgh		99	100	4.0	-1.4	1.3	-	11.7	16	-8.3	31	-	-	3.42	-	1.23	4	15	11	8	12	0	1	0	0	0	21	-	0	-	-			
Stirling		99	200	4.6	0.3	2.5	-2.6	11.1	13	-5.6	31	-	-	5.07	73	1.02	4	14	13	8	10	0	0	0	0	6	18	24	0	0.86	-8			
Falkirk		99	106	4.2	-0.6	1.8	-2.9	11.1	13	-7.2	31	3.7	7.6	4.78	103	1.58	4	17	12	5	12	0	0	0	0	16	21	25	1	0.62	77			
Greenock		99	97	4.2	-2.0	1.1	-	11.7	13	-9.4	26,31	-	-	4.89	-	1.35	4	16	13	10	7	1	0	0	0	7	23	26	1	-	-			
Paisley		99	26	3.8	-0.8	1.5	-2.7	11.8	13	-9.8	31	-	-	4.22	101	1.52	4	17	11	9	5	0	2	0	0	9	23	24	0	0.68	76			
Barrhead		99	453	3.6	-1.9	0.9	-	11.1	13	-11.7	31	-	-	4.61	-	1.32	4	16	13	5	12	0	0	0	0	0	22	27	0	0.50	-8			
Renfrew		99	351	3.4	-1.7	0.9	-	11.1	13	-9.4	31	-	-	4.20	110	1.21	4	19	13	9	13	0	1	0	0	4	21	26	0	0.73	-			
Lanark		99	258	3.9	-1.9	1.0	-	11.7	13	-11.1	31	-	-	3.22	-	1.04	4	16	15	2	1	0	0	0	0	0	22	-	0	-	-			
Thorntonhall		99	707	3.2	-3.4	-0.1	-	10.0	10,13	-14.5	31	3.3	-	3.20	-	1.13	10	15	10	9	10	1	1	1	0	1	23	26	0	1.36	-			
Glasgow, Spr. Pk.		99	2377	0.8	-4.1	-1.7	-	8.0	13	-11.5	31	-	-	-	-	-	-	-	-	-	-	-	-	-	0	17	27	-	5	0.83	-			
Coalburn (Midtown)		99	1270	2.4	-3.3	-0.5	-	9.4	13	-15.0	31	-	-	4.06	-	1.17	10	15	13	11	10	0	1	0	0	2	22	25	1	-	-			
Lowther Hill		99	706	3.5	-3.7	-0.1	-	10.0	12,13	-17.8	31	-	-	2.51	-	.98	10	13	12	9	10	0	2	0	1	1	25	29	0	-	-			
Leadhills		99	170	-	-	-	-	-	-	-	-	-	-	-	-	-																		

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER DECEMBER 1961

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 Max.	B Min.		Maximum	Date	Minimum	Date																						
			°C.	°C.		°C.	°C.	°C.	°C.																	°C.	°C.	in.	%	in.	
2 ENGLAND, N.E.—cont.																															
Northumb-berland cont. Durham	Ackington ...	21-9	138	4.3	-0.8	1.7	-	11.4	12	-8.9	31	-	-	3.10	-	.66	10	16	12	3	4	3	0	0	21	27	1	1.77	-		
	Tynemouth ...	21-9	95	4.6	0.8	2.7	-2.5	12.4	12	-6.7	31	-	-	1.92	80	.41	10	14	9	10	0	0	1	0	5	15	23	1	1.01	-	
	Chopwellwood ...	9 9	446	3.9	-2.0	0.9	-2.8	12.2	12	-11.7	25	-	-	3.18	126	1.10	29	19	13	8	12	0	0	0	1	23	28	0	-	-	
	Ushaw College ...	9 9	594	3.8	-1.6	1.1	-2.6	11.7	12	-8.9	31	-	-	2.96	117	.90	29	12	20	7	9	0	0	0	12	24	-	0	-	-	
	Houghall ...	9 9	123	4.3	-3.2	0.5	-3.4	12.2	10, 12	-13.3	31	-	-	2.79	116	.83	29	15	15	8	5	0	1	0	7	23	27	0	0.72	58	
	Durham ...	9 9	336	4.1	-1.8	1.1	-2.8	12.3	12	-8.9	25, 28, 31	3.2	6.9	3.15	138	1.04	29	17	14	-	7	-	-	-	-	23	26	-	0.94	65	
	Gateshead ...	9 9	509	3.8	-0.7	1.5	-	11.7	12	-8.3	31	-	-	2.78	-	.55	29	15	12	-	7	-	-	-	4	22	23	-	1.58	-	
	Middleton St. Gge. ...	21-9	115	3.9	-0.8	1.5	-	12.9	12	-8.3	31	-	-	2.39	-	.47	29	15	12	11	9	0	2	0	7	22	23	0	0.87	-	
Yorks., N. Riding	West Hartlepool ...	9 9	30	5.3	0.3	2.8	-	12.8	12	-6.1	28	-	-	2.30	-	.40	4	14	10	7	1	0	0	0	8	17	20	0	0.64	-	
	Hawes ...	-	745	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Dishforth ...	21-9	105	3.8	-0.7	1.5	-	13.4	12	-6.8	29	-	-	2.45	111	.44	10	16	11	11	3	0	1	0	8	22	23	0	1.34	-	
	York ...	9 9	57	4.3	-0.8	1.7	-2.7	13.3	12	-6.7	25, 28, 29	3.5	6.7	2.22	109	.32	9	16	12	9	2	0	0	0	10	20	-	0	0.84	80	
	Ampleforth ...	9 9	313	4.2	-1.2	1.5	-2.3	11.7	12	-7.2	29	-	-	2.87	110	.39	4, 29	15	11	-	-	-	-	-	10	21	27	-	-	-	-
	Redcar ...	9 9	25	5.8	-0.2	2.8	-	12.8	10, 12, 13	-7.2	25	-	-	2.11	105	.41	29	14	9	4	0	1	0	0	2	22	-	1	1.07	-	
	Whitby ...	9 9	135	5.6	-	-	-	12.8	12	-	-	-	-	1.56	62	.32	29	13	10	6	1	1	0	0	2	-	-	0	1.11	-	
	Scarborough ...	9 9	118	5.7	0.8	3.3	-1.9	12.2	10, 12	-6.1	29	-	-	2.83	115	.70	29	15	11	5	0	0	0	0	6	21	18	0	0.68	56 S	
Yorks., E. Riding	Silpho Moor ...	9 9	665	4.2	-1.1	1.5	-	11.7	12	-7.8	28, 29	3.2	-	3.56	-	.63	31	17	15	6	8	0	0	0	2	14	25	0	1.09	-	
	High Mowthorpe ...	9 9	574	3.5	-1.7	0.9	-	11.1	10, 12, 13	-7.8	28, 29	3.3	-	2.68	-	.59	29	20	12	6	5	0	0	0	6	21	26	1	1.18	-	
	Hull ...	9 9	8	5.2	0.2	2.7	-2.0	12.8	11, 12	-5.6	25, 29	4.1	7.5	2.60	116	.57	29	16	13	4	0	0	0	0	2	17	21	0	1.25	125	
	Leconfield ...	21-9	24	4.5	-0.5	2.0	-	12.9	12	-6.9	8	-	-	2.29	-	.47	29	18	12	10	3	1	3	0	8	18	20	0	1.18	-	
	Filey ...	9 9	122	4.7	-1.0	1.9	-	12.8	12	-7.2	29	-	-	2.51	-	.75	29	14	12	5	0	1	1	0	3	17	23	0	0.87	-	
	Bridlington ...	9 9	157	4.9	-0.4	2.3	-	12.8	12	-9.4	28	-	-	3.10	-	.62	29	14	13	5	3	0	0	0	3	19	21	4	1.02	-	
	Spurn Head ...	21-9	29	5.1	2.0	3.5	-1.4	11.9	12	-6.0	28	-	-	2.13	-	.66	30	15	13	5	0	0	2	0	3	8	-	1	1.70	115	
	Gainsborough ...	9 9	110	4.1	-1.6	1.3	-	12.8	12, 13	-7.8	25, 26	-	-	2.39	-	.60	29	16	12	5	5	0	0	0	8	22	-	0	-	-	-
Lincoln	Waddington ...	21-9	224	4.0	-0.8	1.6	-	13.1	10	-8.5	28	-	-	2.76	-	.78	29	15	12	12	2	0	0	0	9	20	21	0	1.96	-	
	Lincoln ...	9 9	22	4.7	-1.6	1.5	-	13.3	10, 12	-11.1	25	4.4	6.7	2.70	-	.90	29	14	12	5	2	0	0	0	10	21	26	1	1.61	-	
	Cranwell ...	9 9	205	4.7	-2.0	1.3	-2.6	13.6	10	-10.1	29	4.1	8.0	2.69	141	.71	29	12	11	6	1	0	0	0	9	23	23	1	2.48	160	
	Cleethorpes ...	9 9	23	5.8	0.3	3.1	-1.3	12.8	12	-6.7	28, 29	-	-	2.49	122	.71	30	14	13	7	0	0	0	0	11	16	24	0	1.72	120	
	Manby ...	21-9	55	4.9	-0.2	2.3	-	13.1	10	-8.7	28	-	-	2.61	-	.68	30	15	12	10	3	0	1	1	4	16	20	0	2.00	-	
	Skegness ...	9 9	15	6.1	0.9	3.5	-0.8	13.3	10, 11, 12	-8.3	28	-	-	2.73	136	.57	29	17	11	5	1	0	2	2	4	12	20	2	2.42	158	
	3 ENGLAND, E.																														
	Norfolk	Terrington ...	9 9	13	4.9	-0.4	2.3	-	13.9	10	-7.8	28, 29	4.2	-	2.83	165	.68	29	12	11	2	2	0	0	0	4	21	24	0	2.19	-
St. Clement ...		21-9	76	5.4	-0.1	2.7	-	13.9	10	-10.5	28	-	-	2.87	-	.54	29	16	12	4	1	0	0	0	6	17	18	0	-	-	-
Santon Downham ...		9 9	80	5.6	-2.9	1.3	-	13.9	11, 12	-16.1	29	4.6	7.0	3.32	-	.72	1	17	13	-	3	-	-	-	3	21	26	-	-	-	-
West Raynham ...		21-9	250	4.9	-0.1	2.4	-	13.4	10	-9.1	29	-	-	3.05	-	.63	31	14	12	7	0	0	0	0	4	16	20	0	2.68	-	
Cromer ...		9 9	178	6.5	1.3	3.9	-0.9	12.8	10, 12, 13	-9.4	29	-	-	2.39	102	.60	31	14	9	-	0	-	-	-	1	13	18	-	2.28	139	
Sprowston ...		9 9	93	6.2	-0.1	3.1	-1.2	13.9	10, 12	-8.3	29	5.3	-	2.81	123	.55	1	14	11	2	1	0	1	0	2	17	23	1	1.86	130S	
Burlingham ...		9 9	89	6.1	0.5	3.3	-	13.9	10, 12	-8.3	29	-	-	3.17	140	.60	1	16	12	3	3	0	2	0	2	18	19	1	2.26	-	
Gorleston ...		21-9	5	6.5	2.8	4.7	-0.2	14.4	11	-5.0	29	5.5	8.3	2.95	137	.61	1	14	12	5	3	0	0	0	0	8	13	1	2.17	144	
Suffolk	Mildenhall ...	21-9	15	5.5	-0.3	2.6	-	14.5	10	-10.6	29	-	-	2.83	157	.62	29	16	14	3	2	0	0	0	6	18	20	0	2.37	-	
	East Bergholt ...	9 9	14	6.5	-0.4	3.1	-	14.4	10, 12	-9.4	29	-	-	3.63	-	.75	31	15	14	1	0	0	0	0	6	20	24	0	-	-	-
	Wattisham ...	21-9	292	5.1	0.4	2.7	-	13.3	11	-6.7	28, 29	-	-	2.92	-	.50	1	16	12	6	1	1	0	0	5	16	21	0	-	-	-
	Felixstowe ...	21-9	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Lowestoft ...	9 9	82	6.7	1.9	4.3	-0.1	13.9	12	-5.6	29	4.8	7.2	2.87	131	.61	1	18	14	4	1	0	0	0	0	11	16	0	2.32	141	
	Boxworth ...	9 9	157	5.2	-0.8	2.2	-	15.0	10	-8.9	29	-	-	3.06	177	.72	29	14	12	3	2	0	0	0	5	18	25	0	1.96	-	
	Cambridge Bot. Gdn. ...	9 9	41	5.7	-1.1	2.3	-1.9	13.9	10, 12, 13	-9.4	29	4.2	7.6	3.12	189	.64	29	13	11	3	3	0	0	0	0	20	26	-	-	-	-
	Cambridge N.I.A.B. ...	9 9	85	5.5	-0.8	2.3	-	15.0	10	-8.3	25, 29	-	-	3.13	191	.83	29	13	13	5	1	0	0	0	11	20	20	0	1.88	141	
Huntingdon Bedford	Wyton ...	21-9	129	4.6	-0.5	2.1	-	14.4	10	-10.3	29	-	-	3.66	-	.68	1	16	14	6	3	0	0	0	9	17	19	0	-	-	-
	Woburn ...	9 9	291	4.7	-0.8	1.9	-2.2	13.9	10	-10.0	29	4.4	8.8	3.72	180	.91	29	16	13	3	3	0	0	0	8	19	20	1	1.72	127S	
	Goldington ...	9 9	107	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-												

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER DECEMBER 1961

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			Mean Temperature Mean of A and B	Maximum	Date	Minimum				Date	Amount		Date	-0.01 in (0.2mm) or more	-0.01 in (1.4mm) or more													
		Max.	Min.																°C.												°C.
4 MIDLAND COUNTIES—cont.																															
Yorks.	Ilkley	99	315	3.6	-2.0	0.8	-3.0	12.2	10,13	-8.3	25	-	-	4.20	118	.83	10	15	15	10	2	0	1	1	8	24	-	0	0.89	90	
	W. Riding—	Sheffield	99	429	5.0	-0.2	2.4	-2.3	13.3	10	-7.2	25,28	3.6	7.6	2.97	102	.69	29	16	14	10	7	0	0	0	0	20	26	0	1.36	132
cont.	Wakefield	99	121	4.2	-1.4	1.4	-2.9	13.3	10,13	-8.9	25,28,29	4.1	7.3	2.15	101	.35	10	15	13	10	2	0	0	0	17	23	23	0	-	-	
	Killinghall	99	365	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Derby	Pontefract	99	255	4.2	-0.9	1.7	-2.5	12.8	12	-10.0	28	-	-	1.98	104	.50	31	14	12	7	4	0	0	0	18	21	23	0	-	-	
	Bramham	99	177	3.9	-1.6	1.1	-	12.8	10	-8.3	28,29	-	-	2.52	-	.36	29	14	12	8	4	0	0	0	11	24	24	0	1.01	-	
	Cawood	99	20	3.9	-1.4	1.3	-	12.8	10,12,13	-7.8	29	2.9	6.2	2.06	100	.31	10	13	13	4	5	0	0	0	7	22	25	0	1.04	-	
	Askham Bryan	99	110	4.2	-1.6	1.3	-	13.3	12	-7.2	25,28,29	-	-	(2.18)	101	.32	10	(0.4)	(12)	6	1	0	0	0	10	23	27	0	1.10	-	
	Buxton	99	1007	2.9	-1.9	0.5	-2.5	11.7	10	-12.2	28	2.9	5.5	4.98	103	.79	9	18	14	9	10	0	0	0	16	23	24	0	-	-	
	Chapel en le Frith	99	732	3.7	-2.1	0.8	-	12.2	10	-11.1	28	-	-	2.61	-	.39	4	15	13	10	10	0	0	0	4	21	26	0	-	-	
	Wirksworth	99	565	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Mackworth	99	293	4.4	-1.4	1.5	-	13.3	10	-7.8	29	-	-	2.71	-	.59	1	15	14	7	6	0	0	1	13	22	25	0	-	-	
	Belper	99	203	-	-	-	-	-	-	-	-	-	-	-	3.21	128	.60	30	14	13	7	5	0	0	0	-	-	-	-	-	
	Derby	99	159	5.3	0.8	3.1	-	13.9	10	-7.2	29	-	-	2.82	-	.64	29	15	13	5	4	0	0	0	14	21	23	0	1.16	-	
Morley	99	350	4.4	-1.3	1.5	-	12.8	10	-7.8	29	-	-	3.05	-	.57	1	14	13	7	4	0	0	0	0	-	23	26	0	1.69	-8	
	Chesterfield	99	298	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Nottingham	Sutton Bonington	99	157	-	-1.2	-	-	13.9	10	-8.9	29	4.5	7.2	3.08	160	1.00	29	15	13	7	3	0	1	0	9	20	24	1	1.55	150	
	Wattall	21-9	385	4.0	-0.8	1.6	-	13.0	11	-7.6	25	-	-	3.51	150	.85	29	16	14	10	3	1	0	1	13	20	23	0	1.99	-	
Leicester	Mansfield	99	362	4.4	-0.9	1.7	-2.0	12.8	10	-8.3	25,26	3.7	-	2.87	117	.91	29	15	13	5	4	0	0	0	8	20	22	0	-	-	
	Nottingham	99	192	4.9	-0.2	2.3	-2.1	14.4	10	-7.2	29	3.4	6.2	2.94	145	.75	29	15	15	6	2	0	0	0	12	18	22	0	1.85	168	
	Warsop (Gleadthorpe)	99	150	4.6	-2.1	1.3	-	13.3	10,12	-11.7	25	-	-	2.43	121	.77	29	16	13	9	4	0	0	0	13	24	27	0	1.42	-	
	Finningley	21-9	34	4.3	-0.2	2.1	-	13.7	12	-8.3	29	-	-	2.30	-	.45	29	17	13	9	4	0	3	0	10	18	23	0	1.11	-8	
	Langar	21-9	106	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Newtown Linford	99	388	4.2	-1.6	1.3	-	13.3	10	-9.4	28	-	-	3.49	-	1.10	29	13	12	8	3	0	0	0	5	22	23	0	2.34	-	
	Leicester (Towers)	99	267	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Caldecott	99	175	5.2	-2.9	1.1	-	14.4	10	-12.2	29	-	-	3.08	-	.85	29	14	11	-	3	-	-	-	5	23	24	-	1.87	-	
	Northampton	Wellingborough	99	298	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Warwick	Raunds	99	193	4.7	-1.4	1.7	-	13.9	10	-9.4	29	3.8	8.4	3.63	190	.81	29	16	12	4	3	0	0	0	7	21	22	0	-	-
Wittering		21-9	212	4.4	-0.4	2.0	-	14.3	10	-9.2	29	-	-	3.54	-	.78	29	13	10	8	2	2	1	0	4	19	20	0	2.44	-	
Stafford	Birmingham K.E.S.	99	450	4.6	-0.3	2.1	-	13.9	10	-7.2	29	-	-	2.61	-	.85	29	13	10	5	3	0	0	0	5	18	-	-	-	-	-
	Birmingham	21-9	536	4.0	0.3	2.1	-2.3	13.2	10	-8.0	29	5.6	8.5	3.38	125	.83	29	13	11	8	2	1	1	0	4	17	21	0	1.72	148	
	Luddington	99	138	4.8	-0.9	1.9	-	14.4	13	-9.4	28	-	-	3.18	168	.75	29	15	12	4	3	0	1	0	5	20	24	1	1.98	-	
	Stratford on Avon	99	160	4.7	-1.3	1.7	-	13.9	10,13	-8.9	28	4.1	-	3.66	-	1.07	29	15	12	7	3	0	1	0	5	19	27	0	2.20	-	
	Birmingham Airport	21-9	319	4.1	-1.0	1.5	-	13.9	10	-10.2	28	-	-	3.55	147	.97	29	14	11	9	2	0	1	0	7	20	22	0	1.87	-	
	Shipston on Stour	99	365	4.6	-1.4	1.6	-	14.4	10	-10.6	29	4.8	-	3.48	-	.75	29	15	13	6	3	0	0	1	8	19	25	-	2.07	-	
	Wellesbourne	99	153	4.7	-1.0	1.9	-	13.9	10	-9.4	28,29	3.8	6.7	3.48	174	1.01	29	15	13	7	3	0	1	0	7	20	24	1	2.02	-	
	Moreton Morrell	99	280	4.7	-1.0	1.9	-	14.4	10	-9.4	29	-	-	2.94	-	.48	1	17	14	6	3	0	0	0	9	19	24	2	1.84	-8	
	Oxford	Coventry	99	338	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Buckingham	Rugby	99	385	4.7	-0.8	1.9	-	13.9	10	-8.9	29	3.3	7.2	3.76	-	.75	29	15	13	5	3	0	0	0	-	19	25	1	-	-
Oxford		99	208	5.3	-0.3	2.5	-2.1	14.4	10	-9.4	29	3.9	7.3	3.85	169	1.05	29	14	12	6	3	0	2	0	9	19	23	0	2.47	151	
Stafford	Aylesbury	99	316	5.5	-1.1	2.2	-	13.9	10,12	-10.6	29	-	-	3.54	-	.73	29	13	12	5	2	0	0	0	5	20	24	2	2.30	-	
	Keele	99	587	3.9	-0.8	1.5	-	12.8	10	-7.8	29	3.6	7.1	2.17	75	.66	1	14	13	9	4	0	0	0	10	22	24	0	1.65	-	
Shropshire	Oaken	99	409	4.2	-1.3	1.5	-2.2	13.3	10	-7.8	25,28	4.2	-	2.96	-	.82	29	13	11	-	-	-	-	-	-	20	27	-	-	-	
	Wheaton Aston	99	365	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Stone	99	350	4.2	-1.6	1.3	-	13.3	10	-8.3	28	-	-	2.80	-	.79	1	12	12	5	3	0	0	0	7	21	27	0	1.14	-	
	Penkridge	99	330	4.4	-1.3	1.5	-	13.3	10	-8.3	29	-	-	2.43	-	.70	29	11	11	4	3	0	0	0	7	18	28	0	-	-	
	Onecote	99	1350	2.5	-2.1	0.2	-	10.6	10	-8.9	29	2.8	6.2	5.30	-	1.10	30	14	14	3	8	0	1	0	10	23	25	1	1.65	-	
	Oswestry	99	570	4.2	-1.4	1.4	-	12.8	10	-8.9	28	-	-	3.74	-	.62	1	14	14	7	6	1	0	0	8	21	26	0	1.85	-	
	Church Stretton	-	582	-	-	-	-	-	-	-	-	-	-	-	-	-</															

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER DECEMBER 1961

DISTRICT, COUNTY AND PLACE		Temperal 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		Percent- age of Average		Most in a day		Precip'n		Number of days										Daily Mean		Per- cent- age of Average	
Max.	Min.	A	B	Mean Temperature	Mean of A and B	Maximum	Date	Minimum	Date	1 ft.	4 ft.	in.	%	in.	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	hr	%								
G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.																							
ENGLAND, S.E.—cont.																																					
Surrey	Wisley	9 9	150	5.9	0.4	3.1	-1.4	13.9	10,11,12	-8.3	28	4.3	7.7	3.31	131	.51	31	16	11	5	1	0	0	0	7	18	24	2	1.18	89							
	Mickleham	9 9	179	6.4	-1.1	2.7	-	14.4	10	-11.1	27	-	-	4.31	138	.81	29	13	12	1	1	0	0	0	6	20	23	0	-	-							
	Kew Observatory §§	21-9	18	6.3	2.2	4.3	-0.8	14.1	10,12	-3.9	28	4.2	8.2	3.24	157	.58	29	14	12	3	1	0	0	0	6	15	20	0	1.75	136							
	Gatwick	21-9	192	6.0	-0.5	2.7	-	14.4	12	-9.6	28	-	-	3.90	-	.59	29	14	13	1	1	0	0	0	5	20	22	3	2.54	-							
Kent	Croydon (Waddon)	9 9	220	6.7	0.1	3.4	-1.4	14.4	4,10	-8.3	25	-	-	3.46	126	.80	31	13	12	-	-	-	-	-	-	-	-	-	-	-							
	Addington	9 9	474	5.8	0.6	3.2	-0.9	13.9	10	-6.7	25	-	-	3.77	131	.65	29	17	12	-	-	-	-	-	5	16	-	-	-	-							
	Bromley	9 9	213	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
	Swanley	9 9	177	6.6	-0.1	3.3	-	14.4	10,12	-7.2	18,19	5.2	-	3.53	-	1.32	31	15	11	3	1	0	0	0	8	19	22	0	2.00	-							
	Dartford	9 9	17	7.0	0.2	3.6	-	15.0	10,12	-6.7	18,19,25	-	-	3.23	161	.68	31	15	11	1	1	0	0	0	6	18	-	0	-	-							
	Tunbridge Wells	9 9	351	6.4	-0.7	2.9	-1.0	13.3	4,10,12	-6.7	7,19,26	3.9	7.1	3.96	125	.69	29	16	13	2	1	0	0	0	3	19	20	4	2.63	159							
	Goudhurst	9 9	280	6.7	-0.4	3.1	-	14.4	12	-9.4	25	-	-	4.48	131	.23	4	14	12	2	0	0	0	0	2	18	20	2	-	-							
	East Malling §§	9 9	122	6.9	-0.3	3.3	-1.0	15.0	12	-8.9	25	-	7.6	3.45	133	.51	4	15	13	1	0	0	0	0	5	20	21	1	2.63	198							
	Benenden	9 9	195	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
	Gillingham	9 9	10	7.3	0.7	4.0	-	15.0	10,12	-6.1	18	-	-	2.59	-	.42	30	13	12	1	0	0	0	0	6	17	-	0	2.64	-							
	Sittingbourne ...	9 9	224	7.3	0.2	3.7	-	13.9	10,12	-7.8	25,26	5.0	8.3	3.83	-	.87	31	13	12	2	0	0	0	0	5	17	19	1	2.97	-							
	Isle of Grain ...	9 9	9	7.4	2.3	4.9	-	15.0	12	-3.3	25	-	-	2.42	-	.47	31	14	12	4	0	0	0	-	2	11	17	-	-	2.45	-						
	Throwley	9 9	493	6.8	0.4	3.6	-	13.3	10,11,13	-7.2	25	4.8	8.4	4.58	-	.82	4	16	14	4	0	0	0	0	6	17	22	4	2.75	-							
	Faversham	9 9	157	6.6	0.3	3.5	-	13.9	10,12	-8.9	25	5.3	8.1	3.66	-	.71	4	16	13	1	0	0	1	0	4	17	20	2	2.95	-							
	Dungeness	21-9	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	0	-	-	3	-	-							
	Wye	9 9	185	7.0	0.4	3.7	-0.5	14.4	12	-6.1	18,25,26	-	-	3.31	107	.50	29	15	13	1	0	0	0	0	3	18	21	2	2.80	170							
Whitstable	9 9	9	7.0	0.8	3.9	-	14.4	10,12	-8.3	25	-	-	3.33	169	.53	31	15	13	1	1	0	0	0	0	0	18	-	0	2.45	-							
Folkestone	9 9	128	7.3	2.7	5.0	-	13.9	12	-3.3	24	-	-	3.19	121	.41	30	15	12	1	0	0	0	0	1	12	18	1	2.89	-								
Wingham (Elmstone)	9 9	28	7.1	-0.1	3.5	-	14.4	12	-7.8	18,19,26	-	-	2.74	-	.42	4	15	14	-	0	-	-	-	1	19	19	-	-	-								
Herne Bay	9 9	21	7.2	2.3	4.7	-	14.4	10,11,12	-2.8	25	-	-	3.30	156	.50	30	14	13	1	0	0	1	0	1	10	-	1	2.56	-								
Dover	9 9	19	7.3	2.8	5.1	-0.3	13.3	10,11,12	-2.2	24	6.4	9.2	3.55	122	.51	4	16	13	1	0	0	0	0	2	11	14	2	2.60	-								
Dover R.M.S. ...	9 9	402	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
Deal	21-9	18	7.1	3.9	5.5	-	14.5	10,11,12	-2.3	31	-	-	2.92	-	.48	4	15	14	2	0	0	0	0	1	7	10	0	-	-								
Ramsgate	9 9	80	7.7	2.7	5.2	-	15.0	12	-1.7	24	-	-	3.36	164	.73	31	15	14	1	1	0	0	0	1	9	-	-	2.51	160								
Manston	21-9	145	6.7	1.9	4.3	-	14.4	10	-3.6	28	-	-	3.02	-	.65	31	14	12	2	0	0	0	0	3	16	18	1	-	-								
Margate	9 9	51	7.4	3.1	5.3	-0.3	14.4	10,12	-2.2	24	5.7	9.1	3.02	159	.55	31	13	13	1	1	0	0	0	0	9	16	0	2.55	166								
Sussex	Thorney Island	21-9	10	6.9	1.8	4.3	-	14.1	12	-6.8	28	-	-	3.74	132	.53	4	14	13	3	0	0	0	0	2	16	19	0	2.62	-							
	Bognor Regis ...	9 9	24	7.1	1.9	4.5	-1.1	12.8	12	-5.0	25	-	9.5	4.36	143	.66	29	15	13	2	0	0	0	2	14	19	0	2.91	144								
	Littlehampton ...	9 9	15	7.4	1.3	4.3	-1.0	13.3	12	-5.0	28	-	8.3	4.72	159	.89	4	14	13	1	0	0	0	2	16	-	0	2.83	145								
	Rustington	9 9	10	7.4	1.0	4.2	-	13.9	12	-6.1	28	-	8.3	4.65	-	.79	4	15	13	-	0	-	-	1	7	21	-	2.53	-								
	Worthing	9 9	25	7.3	1.9	4.6	-0.8	12.8	4,11,12	-3.9	24,25,26	5.4	9.1	4.21	145	.88	4	15	13	1	0	0	0	0	14	21	1	2.87	141								
	Brighton	9 9	32	7.4	1.9	4.7	-	13.3	4	-5.6	25	-	9.0	3.80	135	.53	30	15	13	1	0	0	0	5	14	18	2	2.63	-								
	East Grinstead ...	9 9	440	7.1	-0.7	3.2	-	15.0	11	-11.1	28	-	-	4.03	-	.74	29	14	12	1	1	0	0	0	3	20	22	1	-	-							
	Seaford	9 9	45	7.6	1.9	4.7	-	12.8	4,11,12	-4.4	25	-	-	-	-	-	-	-	-	-	-	-	-	3	14	-	-	2.41	-								
	Eastbourne	9 9	35	7.6	2.7	5.1	-0.6	13.9	10	-3.3	26	6.5	10.5	4.10	123	.52	13	15	13	1	-	0	0	0	1	12	16	0	2.54	136							
	Eastbourne (C/guard)	21-9	17	7.4	2.9	5.1	-	13.7	4	-3.9	18	-	-	3.99	-	.53	4	14	13	1	0	0	0	0	0	16	17	3	-	-							
	Bexhill	9 9	14	7.6	2.1	4.9	-0.5	13.3	10,11,12	-3.9	26,27	6.7	-	3.59	117	.50	4	15	14	1	0	0	0	0	3	16	18	3	2.28	-							
	Sedlescombe ...	9 9	175	6.9	0.8	3.9	-	13.3	10,11	-6.7	25	-	-	4.27	-	.65	4	14	14	1	0	0	0	0	0	18	21	3	-	-							
	Bodiam	9 9	73	7.4	-0.2	3.6	-	14.4	10,12	-7.2	18,19,25	5.4	9.0	4.13	-	.81	4	14	13	-	0	-	-	-	4	19	23	-	2.44	-							
	Hastings ... §§	9 9	149	7.3	2.5	4.9	-0.5	13.3	11,12	-3.9	26	4.8	8.8	3.45	111	.52	4	14	14	1	0	0	0	0	2	13	17	2	2.79	146							
	Berkshire	Letcombe Regis	9 9	350	5.2	-1.8	1.7	-	13.9	10,11	-12.2	29,30	-	-	3.60	-	1.40	29	15	13	5	1	0	0	0	7	19	-	1	-							
		Abingdon	21-9	210	4.8	-0.3	2.3	-	14.5	10	-11.3	28	-	-	4.11	203	1.07	29	14	12	7	2	1	2	0	5	18	22	0	2.16	-						
Compton		9 9	339	-	-	-	-	-	-	-	-	-	-	4.06	-	.91	29	13	12	-	-	-	-	-	-	-	-	-	-								
Woolhampton ...		9 9	370	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
Hampshire	Wallingford	9 9	150	5.8	-1.4	2.2	-	14.4	10	-11.1	28	4.4	8.4	3.49	-	.90	29	14	12	2	1	0	0	0	7	20	24	0	1.54	-8							
	Shinfield	9 9	200	6.1	-0.4	2.9	-1.5	14.4	10,12	-9.4	28	-	-	3.23	-	.54	29	15	12	1	1	0	0	0	7	20	23	2	2.09	-							
	Reading	9 9	148	6.2	0.2	3.2	-1.5	14.4	10,12	-7.8	28,29	4.4	7.5	3.64	158	.55	30	16	12	4	1	0	1	0	11	19	25	3	2.34	-							
	Reading S.T.G.	9 9	141	6.0	-0.3	2.9	-	14.4	10	-9.4	28	-	-	3.49	162	.52	29	14	12	-	1	-	-	-	3	20	22	-	1.85	-							
	Finchampstead ...	9 9	212	6.3	-1.3	2.5	-	14.4	10,12	-11.1	28	5.1	7.8	3.09	-	.57	29	15	14	3	1	0	0	0	3	19	21	0	1.91	-							
	Wokingham	9 9	200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
	Hurley	9 9	140	6.7	-0.6	3.1	-	14.4	10	-8.3	28,29	4.1	-	4.16	-	.73	1	15	13	3	1	0	0	0	8	21	-	1	1.62	-							
	Bournemouth ...	9 9	130	7.3	1.3	4.3	-1.1																														

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER DECEMBER 1961

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	1 ft.	4 ft.	Amount	Date		-0.01 in. (0.2mm.) or more	-0.01 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. (°C. or less)	Gale							
			Max. Min.	ft.			°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.		in.	%	in.											hr			%	
7a ENGLAND, N.W.																																	
Cumberland	Sellafield...	9 9	43	6.0	0.2	3.1	-	11.1	10	-8.3	31	-	-	3.84	90	.94	4	13	11	-	0	-	-	-	1	19	22	-	2.07	-			
	Carlisle...	21-9	86	4.0	-1.4	1.3	-	13.9	13	-13.9	31	-	-	2.48	-	.59	10	12	10	10	4	1	1	0	1	22	21	0	1.87	-			
Westmorland	Newton Rigg	9 9	560	3.8	-2.9	0.5	-3.0	11.1	10,12,13	-14.4	31	2.8	-	2.98	90	.85	10	14	12	-	8	-	-	0	0	23	26	-	1.58	1498			
	Spadeadam	9 9	900	3.1	-2.6	0.3	-	10.6	13	-14.4	31	1.9	4.8	4.25	-	1.05	10	17	12	9	6	0	3	0	1	22	25	0	2.02	-			
Lancashire	Ambleside	9 9	151	4.3	-2.4	0.9	-	11.1	10,12	-13.3	31	-	-	6.71	83	2.03	10	16	13	10	3	3	0	0	0	21	-	0	1.82	-8			
	Great Dun Fell	-	2780	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.67	-			
	Moor House	9 9	1840	1.8	-4.9	-1.5	-	8.3	10,13,15	-15.0	31	2.4	-	6.07	-	1.76	10	18	15	-	12	-	-	-	7	23	27	-	1.52	-			
	Barrow-in-Furness	9 9	55	5.5	-0.1	2.7	-	11.1	10	-8.9	31	4.6	-	3.70	-	.85	4	12	10	-	2	-	-	-	7	20	-	-	-	-	-		
	Squires Gate	21-9	33	4.1	-0.7	1.7	-	12.3	13	-9.6	31	-	-	2.75	87	.44	10	13	13	5	2	2	1	1	3	19	22	2	1.75	-			
	Urswick	9 9	130	5.2	-1.4	1.9	-	11.7	10	-13.9	31	-	-	4.04	-	1.02	4	13	11	4	2	1	2	0	11	21	-	3	-	-	-		
	Poulton-le-Fylde	9 9	38	4.8	-0.8	2.0	-	14.4	13	-8.9	26	-	-	2.80	-	.52	4	14	12	5	1	0	3	0	4	18	-	0	-	-	-		
	Grizedale	9 9	300	4.8	-3.0	0.9	-	11.7	10	-13.3	31	3.6	-	6.38	-	1.34	4	14	12	7	7	0	2	0	1	22	28	0	-	-	-	-	
	Speke	21-9	80	4.6	0.4	2.5	-	13.6	10	-8.8	28	-	-	2.58	91	.51	1	14	14	10	2	0	2	0	6	16	19	1	1.39	-			
	Kirkham	9 9	77	4.6	-1.1	1.7	-	12.8	13	-7.2	27,31	-	-	2.80	81	.56	10	14	13	4	2	2	0	1	4	19	24	0	1.44	-			
	Garstang	9 9	68	4.9	-0.7	2.1	-	12.2	10,13	-8.3	31	-	-	2.88	-	.65	10	13	12	-	5	-	-	-	2	19	24	-	-	-	-	-	
	Morecambe	9 9	24	5.3	-0.8	2.3	-2.5	11.7	10,11,13	-6.1	31	-	-	3.16	87	.86	4	12	10	2	2	1	0	0	1	19	-	0	-	-	-	-	
Preston (Moor Pk.)	9 9	108	4.6	-0.6	2.1	-	12.8	10,13	-8.3	31	-	-	3.14	88	.64	4	14	14	8	3	1	1	3	5	18	23	0	-	-	-	-		
Bolton	9 9	352	3.9	-1.9	1.0	-3.3	12.2	10,13	-8.9	7	3.9	8.1	4.43	-	.86	4	16	16	3	6	0	0	0	6	22	29	0	0.82	-				
Darwen	9 9	724	3.8	-1.1	1.3	-2.4	11.1	10,13	-7.8	31	-	6.0	4.47	85	1.12	4	14	13	8	6	2	0	0	1	21	-	0	-	-	-	-		
Stonyhurst	9 9	377	4.1	-1.4	1.3	-2.9	12.2	13	-8.3	31	-	-	3.83	86	.86	4	14	12	-	3	-	-	-	5	20	23	-	1.59	143	-	-	-	
Manchester	Weather Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Helmshore	9 9	854	3.6	-1.1	1.3	-	11.1	10,13	-8.3	7	3.4	-	5.65	-	1.13	4	15	14	-	7	-	-	-	7	21	23	-	0.96	-	-	-		
Manchester	(Smokeless Zone)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Burnley	9 9	655	4.2	-1.8	1.2	-	11.7	10,13	-11.1	31	4.6	7.4	3.04	-	.78	4	15	13	4	5	1	0	0	0	23	27	0	1.22	-	-	-	-	
Nelson	9 9	540	3.7	-1.7	1.0	-	12.2	13	-9.4	31	3.2	6.8	3.64	87	.72	4	17	15	-	7	-	-	-	8	21	24	-	0.64	-8	-	-	-	
Rochdale	9 9	362	4.2	-1.9	1.1	-	12.2	10,13	-10.6	7	-	-	4.00	-	.74	4	14	13	5	4	1	0	0	11	22	25	1	0.74	-	-	-	-	
Cheshire	West Kirby Park	9 9	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Bidston Obs'y.	9 9	198	4.4	0.4	2.4	-2.7	12.8	10	-6.7	28	-	-	2.52	96	.48	4	13	13	-	-	-	-	-	10	17	20	-	1.86	143	-	-	-	
Northwich (Winnington)	9 9	65	4.9	-0.4	2.3	-	13.9	13	-8.9	25	-	-	2.39	88	.44	1	15	12	7	2	1	0	0	2	18	21	1	-	-	-	-	-	
Manchester Airport	21-9	248	4.2	-0.2	2.0	-2.2	13.4	13	-9.1	28	-	-	2.25	82	.37	4	13	13	7	4	0	3	0	4	18	20	0	1.78	200	-	-	-	
Macclesfield	9 9	500	4.2	-0.8	1.7	-2.0	12.2	10,13	-9.4	28	-	-	2.27	72	.50	1	14	13	10	6	0	1	0	9	19	-	4	-	-	-	-	-	
7b NORTH WALES																																	
Flint	Rhyl	9 9	31	6.2	0.3	3.3	-2.6	13.9	10	-7.8	28	-	-	3.02	122	.65	29	14	11	5	2	2	0	1	1	15	18	2	2.34	175	-	-	-
	Prestatyn	9 9	12	5.9	-0.5	2.7	-	13.9	10,13	-8.9	25	-	-	3.09	116	.72	1	14	12	6	2	0	0	1	2	15	-	0	-	-	-	-	
Anglesey	Hawarden Bridge	9 9	17	4.8	-1.1	1.9	-3.1	14.4	10	-11.1	28	-	-	2.64	107	.58	1	14	14	4	2	1	4	0	6	17	-	0	-	-	-	-	
	Holyhead (Valley)	21-9	26	6.6	2.1	4.3	-2.6	12.6	11	-4.5	25,28	-	-	3.72	105	.67	4	15	13	5	2	3	0	2	1	12	18	2	2.45	188	-	-	-
Denbigh	Colwyn Bay	9 9	118	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Alwen	9 9	1100	4.3	-3.8	0.3	-	11.7	12	-16.1	28	-	-	5.84	-	1.45	4	15	15	-	-	-	-	-	-	26	26	-	-	-	-	-	-
Caernarvon	Ruthin	9 9	248	5.4	-1.3	2.1	-	13.3	10,13	-10.6	31	-	-	3.25	-	.66	4	15	13	-	5	-	-	-	1	22	-	-	-	-	-	-	-
	Bwlchgwyn	9 9	1267	3.4	-1.8	0.8	-	11.1	10	-10.0	25	3.7	-	4.34	-	.79	29	17	12	-	-	-	-	0	3	23	25	1	-	-	-	-	-
	Ruabon	9 9	312	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Wrexham	9 9	275	4.4	-1.9	1.3	-	13.9	10	-11.1	25,28	4.2	7.1	2.81	-	.55	29	14	11	10	4	0	0	0	16	21	26	0	-	-	-	-	-
	Bardsey Island	21-9	60	7.6	3.1	5.3	-	14.5	11	-3.0	24	-	-	2.87	-	.52	4	12	12	-	-	-	-	-	0	7	8	-	-	-	-	-	-
	Botwnnog	9 9	112	6.9	1.2	4.1	-	12.8	10	-5.6	28	4.9	8.3	3.68	-	.60	4	16	14	3	2	0	4	1	0	15	21	1	2.79	-	-	-	-
	Bryn Adda	9 9	275	7.2	1.3	4.3	-	12.8	9,10,12	-5.0	28	-	-	4.66	-	.76	29	16	15	5	2	1	1	0	0	15	23	0	2.23	-	-	-	-
	Cwm Dyli	9 9	324	6.2	-0.1	3.1	-	13.3	15	-10.6	28	5.4	-	11.37	-	2.31	4	16	16	-	3	-	-	-	0	18	26	-	-	-	-	-	-
Merioneth	Aber	9 9	60	7.3	1.8	4.5	-2.2	15.6	10	-5.0	28	-	-	4.37	102	.83	4	16	15	4	2	2	1	0	0	13	21	0	1.16	2008	-	-	-
	Llandudno	9 9	13	6.6	1.2	3.9	-2.6	15.0	10	-6.7	27	-	-	3.58	123	.73	29	16	13	4	2	5	0	2	0	13	-	2	2.46	195	-	-	-
Montgomery	Llyn Stwlan	9 9	1656	3.1	-1.3	0.9	-	9.4	10,12,13	-7.8	24,28	-	-	8.32	-	1.60	4	16	16	-	9	-	-	-	-	23	26	-	-	-	-	-	-
	Blaenau Ffestiniog	9 9	750	5.4	0.5	2.9	-	11.7	10	-5.6	24,28	-	-	8.92	-	1.49	4	16	16	7	6	1	2	1	0	14</							

TABLE IV—SUMMARY OF OBSERVATIONS AT FIXED HOURS DECEMBER 1961

[illegible]

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS DECEMBER 1961

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 1961

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.	2,200-4,300 yd.	3-6 mi.	7-12 mi.	13-24 mi.	25 mi. or over	Beaufort Force				N.	N.E.	E.	S.E.	S.W.	W.	N.W.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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STATION	TOTAL RADIATION ON A HORIZONTAL SURFACE mw. hr./cm ²						DIFFUSE RADIATION ON A HORIZONTAL SURFACE mw. hr./cm ²						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	30	31	0	11,13	15.5	31	23	30	0	11,13	14.0	31	37	31	0	13	18.1	22
Eskdalemuir	84	31	6	13	45.9	31	46	30	6	13	27.7	31	94	25	6	13	50.8	31
Cambridge	137	25	8	21,31	59.9	31	60	25	8	21,31	34.3	31	-	-	-	-	-	-
Kingsway	103	2	5	1	48.7	31	60	11	3	1	32.2	31	103	2	9	1	49.9	31
Kew	110	2	6	21	46.8	31	46	12	6	21	28.8	31	117	2	7	21	49.2	31
Aberporth	120	2	4	30	69.5	31	67	7	4	30	37.7	31	-	-	-	-	-	-

TABLE VIII—NUMBER OF DAYS IN DECEMBER 1961 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°	-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	7	11	13	0	0	0	0	0	0	0	Birmingham	6	14	6	5	0	0	0	0	0	3
Stornoway	3	15	8	5	0	0	0	0	0	1	Kew Observatory	1	13	9	7	1	0	0	0	0	0
Craibstone	5	15	11	0	0	0	0	0	0	5	Hastings	1	10	11	9	0	0	0	0	0	0
Rothsay	1	17	9	4	0	0	0	0	0	1	Southampton	0	13	9	9	0	0	0	0	0	3
Renfrew	5	16	5	5	0	0	0	0	0	6	Stonyhurst	4	17	6	4	0	0	0	0	0	10
Eskdalemuir	10	12	9	0	0	0	0	0	1	3	Bidston Observatory	4	15	6	6	0	0	0	0	0	2
Douglas	0	15	10	6	0	0	0	0	0	1	Holyhead (Valley)	0	13	12	6	0	0	0	0	0	0
Cockle Park	0	20	8	3	0	0	0	0	0	4	Falmouth	0	4	13	14	0	0	0	0	0	4
Gorleston	1	10	15	5	0	0	0	0	0	1	Aldergrove	0	18	7	6	0	0	0	0	1	4
Cambridge	1	15	10	5	0	0	0	0	0	8	Armagh	1	17	4	9	0	0	0	0	0	6

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		Difference from Average	Highest Maximum and Lowest Minimum				Total Fall			Per- cent- age of Aver- age	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	Grass min. °C or less	Gale	Daily Mean	Per- cent- age of Aver- age
				A Max.	B Min.		Maximum	Date	Minimum	Date		Amount	Date															
				Max. Min.	ft.	°C/F	°C/F	°C/F	°C/F	°C	°C	in.	%	in.													hr	%
1960		G.M.T.	ft.	°C/F	°C/F	°C/F	°C/F	°C	°C	in.	%	in.																
AUGUST	LLANDUDNO	9 9	13	64.4		59.6	-1.0																					
"	LOGIE COLDSTONE	9 9	608	62.2																								
"	STARCROSS	9 9	29	66.8		59.7																						
"	HAWICK	9 9	560	62.9		55.1																						
"	BARR	9 9	400	64.1		56.0																						
"	MILLPORT	9 9	16	64.5		58.9																						
SEPTEMBER	KIRKCALDY	9 9	137	60.9		54.3	-0.1																					
OCTOBER	NEWPORT (CLEPPA PARK)	9 9	75	56.8																								
"	HAWKRIDGE	9 9	1030	52.6		48.5																						
"	TOTNES	9 9	120	58.1																								
NOVEMBER	ABERYSTWYTH	9 9	12	51.6																								
"	PLYMOUTH HOE	9 9	119					59																				
"	ILFRACOMBE	9 9	25	52.8																								
"	AUCHINCRAIVE	9 9	147	48.6				53	12, 29, 30																			
"	ROTHESAY	9 9	150	48.1		44.3	+0.4																					
DECEMBER	HAVERFORDWEST	9 9	131	46.3		41.3	-1.6																					
1961																												
JUNE	CHURCH STRETTON	-	582																					6.70				
1960																												
DECEMBER	HAMPSTEAD	9 9	450				+0.5																					
SEPTEMBER	SWANSEA	9 9	27									5.84	153				16											

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Monthly Weather Report

OF THE METEOROLOGICAL OFFICE



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

Volume 78 Number 13

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Annual Summary 1961

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REMARKS ON THE WEATHER OF THE YEAR

1961—A Nondescript Year

1961 had no major characteristic comparable with those of its two immediate forerunners – the dryness of summer 1959 and the wetness of 1960. But inevitably it had its noteworthy features: February was the mildest since 1901 in England and Wales – indeed the late winter and early spring were mild throughout the country; March was remarkably dry except in Scotland and by late in the month parts of southern England had had no measurable rain for 30 days; the end of May brought damaging frosts in the south; there was a severe gale in September in Ireland and the north of Britain, and the latter part of December was very cold, heavy falls of snow in the north preceding falls of up to 1 foot in the Midlands and south of England on the last day of the year.

Over the year as a whole temperature, rainfall and sunshine were close to the average. The mildness of late winter and early spring, and of the first part of autumn just outweighed the coolness of much of the summer and the cold spells in the early and late months. The warmest periods were around the beginning of July and at the end of August when temperatures reached 32°C (90°F) in southern England. In England and Wales the dryness of March (especially), May, June much of July, and November kept the rainfall for the year just below average. Although Scotland had only one month (May) with rainfall less than 70 per cent of average and Northern Ireland had one (April) with over twice the average, their annual rainfall was again very close to average. Apart perhaps from a rather dull April and – in the north – July, sunshine did not depart overfar from average in many months, and the year as a whole had a 10 per cent or so credit in Great Britain.

General Weather

During January periods of mild and stormy weather alternated with cold drier spells. Weather was mainly dull and wet in England and Wales but sunnier and drier in Scotland and Northern Ireland. The last week of the month was very stormy with some unusually heavy rain in southern England and gusts of more than 90 kt at a number of places in northern Scotland on the 27th. The outstanding feature of February was its mildness. In southern England the nights were unusually mild and frosts very infrequent. Afternoon temperatures reached 18°C (65°F) in parts of Kent on the 14th. Gales were unusually severe on the night of the 26th/27th when a gust of 101 kt was recorded at Tiree. March was mild and exceptionally dry especially in southern England where less than 5 per cent of the average amount of rain occurred over considerable areas. In the

main centres of population in Scotland it was the mildest March, with the exception of 1938, for about 100 years. The 16th was the warmest day of an unusually warm week with temperatures exceeding 20°C (68°F) in many parts of southern England. April also was mild but was a dull, wet month, especially in western districts; at Armagh, Co. Down, it was the wettest April since 1840 and at Ross-on-Wye the wettest since 1889. Brief fair periods occurred on the 15th-18th and 27th-29th. May was unsettled at first but a long dry spell began on the 9th and lasted until almost the end of the month. Frosts on the 26th-29th severely damaged crops in central and southern England. The generally dry weather continued into June and in England and Wales it was the driest June for ten years. Southern and eastern England had a sunny month and some of the warmest days of the year came towards the end of the month and early in July with temperatures reading 31°C (88°F) on June 30th and 34°C (93°F) the following day. However July temperatures were generally below the average. Most of the month's rain fell between the 11th and 16th. Rain was heavy and prolonged over most of the country on the 12th leading to floods in many north-western and midland districts; Bolton had its greatest daily rainfall since 1887. August was generally cool and changeable but became very warm and sunny during the last two or three days of the month when temperatures at a number of places in southern England reached 32°C (90°F), the highest August temperature recorded in the United Kingdom since 1953. The very warm weather lasted into September with temperatures locally above 31°C (88°F) in England and Wales and above 25°C (77°F) in Scotland and Northern Ireland. The month generally was rather warm with alternating spells of fine and stormy weather; the 12th-16th was an unusually wet and stormy period, the country coming under the influence of vigorous depressions which had originated as hurricanes on the other side of the Atlantic; the gale of the night of the 16/17th was one of the most severe on record. October was the fifth successive October with mean temperature in Great Britain above the average generally, however air frost was widespread towards the end of the month. It was a wet month, the wettest October at Norwich since 1939, and stormy during the second half. Wind reached gale force over much of the country every day from 17th to 25th. November was a dry and sunny month, the sunniest November at Kew since records began in 1871. In spite of the cold easterly winds during the second and fourth weeks the month's temperature was about average. Although mainly dry, weather was rather changeable, except during the third week which was quiet and foggy. Snow fell in Scotland during the latter part of the month and early in December.

MWRdup

The year ended with a sunny but cold month; in many central districts of England and in parts of Scotland sunshine was double the average. Very cold weather began on the 23rd and persisted until the 31st. In Scotland and northern England snow was widespread and often heavy; night frosts were very severe in most areas and fog was persistent and widespread. On the last day of the year snow extended to central and southern England where there were falls exceeding 12 inches in places.

Synoptic Features

Weather during January was mainly cyclonic with troughs and depressions moving across the British Isles except during the period 17th to 25th when a large blocking anticyclone was centred over northern Europe and the boundary between maritime and continental air lay over the country. February was also mainly cyclonic in character but an anticyclone over western Europe dominated the weather during the third week of the month and also during the first two weeks of March, which remained generally anticyclonic for most of the rest of the month with pressure high to the west and south-west of the country. During the first week of April a belt of low pressure lay across the British Isles, but apart from feeble anticyclonic periods on the 15th-18th and 27th-29th, the country was generally under the influence of depressions from the Atlantic for most of the rest of the month. This cyclonic weather continued during the first week of May, but thereafter weather was generally anticyclonic with pressure high over or to the north-west of the British Isles. Generally anticyclonic weather persisted throughout June and July apart from short unsettled cyclonic periods on June 12-17 and July 11-16. After the first two days August weather was generally cyclonic until the 8th, with a complex low pressure system to the north of the country, but from then until the 12th a ridge of high pressure moved slowly eastward from the Atlantic across the British Isles. For most of the remainder of the month a large anticyclone persisted to the south-west of the British Isles while depressions moved east and north-east between Scotland and Iceland. September provided a wide variety of weather types, ranging from warm anticyclonic through thundery cols to vigorous depressions. During the first week of October a blocking anticyclone persisted over European Russia and frontal systems approaching from the Atlantic became slow moving over the British Isles. From 12th to 16th a ridge of high pressure extended from Britain to central Europe, but for most of the second half of the month the weather over the country was cyclonic and stormy. The first two weeks of November were mainly cyclonic with pressure low to the north of the British Isles until the 9th and low to the south of the country from then until the 14th. An anticyclone covered the country from the 15th to the 18th when it moved eastwards towards the continent. A westerly air-flow was re-established on the 23rd and persisted until the end of the month. The first half of December was generally cyclonic and changeable but easterly winds prevailed during most of the second half of the month with high pressure extending for much of the time from western Europe to Greenland. Small depressions moving from the South-West Approaches to the southern North Sea brought westerlies to southern England during the last two days of the year.

Pressure and Winds

Mean pressure at 9 hr was above the average over the whole country during March, May and July and below the average during April, September and October. During February, June, August and November mean pressure was above average in the south and below in the north of the British Isles but during January and December pressure was below average in the south but above in the north of the country. An indication of the variation of the general wind direction each month is given under "General Weather", and it will be seen that surface winds were mainly light and variable during the last weeks of both April and May, the second weeks of both June and July and for most of the latter half of September; that they were predominantly south to south-east for the major part of February and for the first weeks of both March and October and that they were generally between west and north-west during the latter part of March, the first three weeks of August and the third week of October.

Wind reached gale force in England and Wales on 20 days in February, 18 in January, 15-16 days in March, April, October and November, 11-13 days in August and September and December, 6 in May and July and one in June. In Scotland gales occurred somewhat more frequently except during the spring, the corresponding figures being 22 for February, 17 for January, 20, 5, 19 and 16 for March, April, November and October respectively, 14 and 10 and 21 for August, September and December, 5 and 7 for May and July and 7 for June.

Mean hourly wind speed reached 60 kt in places during January and February and exceeded 50 kt during September, October and December. The highest mean hourly wind speeds attained during May and June were 37 and 39 kt respectively and during the remaining months of the year the corresponding speeds were between 40 and 50 kts.

During January gusts of 95, 90 and 93 kt were recorded at Lerwick, Kirkwall and Stornoway respectively. The 101 kt gust at Tiree during February was a record for an anemograph station in the British Isles. A gust of 90 kt was recorded at Tiree during September and gusts of 92 kt were also recorded during the month at Rannoch and Ballykelly. During December a gust of 91 kt was recorded at Benbecula.

The last week of January was very stormy; on the 26th, 27th and 28th there were 11, 19 and 4 hours respectively with gusts exceeding 48 kt at Lerwick. On January 27th gales were severe over the whole of Scotland and Northern Ireland and over north-west England. Mean hourly winds reached 64 kt at Lerwick, 60 kt at Stornoway and 59 kt at Kirkwall. Gales, severe at times, were frequent during the first and last weeks of February; on the evening of the 26th gusts of 101 and 89 kt were recorded at Tiree and Lossiemouth respectively. Gales were widespread and severe in Scotland on March 26th. Wind reached gale force on the 3rd and 4th of July in Scotland and on the 13th in southern England when a mean hourly wind of 45 kt and a gust of 62 kt was reached at Jersey the highest gust ever recorded in July in the United Kingdom apart from the gale

of July 29 1959. Another severe gale occurred in the English Channel on August 8. Mean hourly winds of 44 kt, 41 kt, 36 kt, and 35 kt were recorded at Dungeness, Jersey, Shoeburyness and Dover respectively with gusts of more than 60 kt at Dungeness and Jersey. The gale during the night of September 16/17 was one of the most severe on record. Mean wind speed exceeded 40 kt over much of Scotland, Northern Ireland and northern England and gusts of 90 kt or more were recorded at a number of places. During October wind reached gale force every day over much of the country from 17th to 25th and gales were severe on the 22nd and 24th; on the latter date gusts exceeding 80 kt were recorded in the Hebrides and a gust of 79 kt at Liverpool Airport was the highest in 14 years of records. Gales were frequent in the north and west during December; they were severe on the 2nd in the north and occurred on 10 days during the month at the Lizard.

Temperature

Over the year as a whole mean temperatures were slightly above the 1921-50 average, the excess being 0.2°C in England and Wales, and in Scotland, and 0.1°C in Northern Ireland. An unusually mild February ended an otherwise cold winter. Spring was mostly mild, but during May and June temperature differed little from the average though the last two months of summer were generally cool. Autumn was mainly mild but temperature in November was somewhat below the average, and the year ended, as it began, with a cold month.

Because of periods of cold winds from the continent, January temperatures were somewhat below the average generally, but weather was mild around the 12th and during the last few days of the month when temperature exceeded 12°C (54°F) in many parts of the country. February was outstandingly mild, the mildest February in England and Wales since at least 1901. Much of southern England remained frost-free during the entire month. The 14th was an exceptionally warm day for the time of year with afternoon temperatures exceeding 17°C (63°F) at many places. March too was mild particularly around the middle of the month when temperature locally exceeded 22°C (70°F), 10°C above the average. In the main centres of population in Scotland it was the warmest March, with the exception of 1938, for about 100 years. April was the third successive month with temperature above average in all parts of the United Kingdom but temperature was below average in Scotland and northern England during the first ten days of the month; however, during this time, temperature exceeded 20°C (68°F) at a number of places in central and south-east England. Mean temperatures during May were close to the average, but towards the end of the month nights were cold and there were some damaging frosts, particularly from 26th-29th. On the night of the 26th/27th air temperature fell below freezing over most of the Midlands, over much of central and south-east Wales and over most of Wiltshire and Berkshire. June temperatures were generally near the average but there was some local frost during the second week. The last few days of the month were very warm with afternoon temperatures in parts of southern England reaching 30°C (86°F). This very warm weather continued on July 1, when 34°C (93°F) was recorded in parts of the London area, but the month as a whole was generally cool with ground frost at one place or another on thirteen mornings. August was also cool generally but high day temperatures from the 27th onwards were a feature of the month. The 29th was the warmest day nearly everywhere with maximum temperatures over 30°C (86°F) in many places and reaching 32°C (90°F) locally in southern England: at Ross-on-Wye it was the warmest August day since 1942. The high day temperatures continued during the first few days of September and over the month as a whole mean temperature was above the average, although ground frost was rather widespread during the second and last weeks. October temperatures too were above the average and it was the fifth consecutive October with mean temperatures in Great Britain higher than the average generally: day temperatures, however, were somewhat below the average during the third week. Over the country as a whole November temperature was a little below the average and in parts of south-west England it was the first month since January with below average temperature. There were cold periods around the 4th, 10th and 26th, but the month began and ended with mild days. Mean temperature during December was less than the average generally, especially during the last week when there were unusually severe night frosts. In many parts of the country temperature fell below -12°C (10°F) on the night of the 31st; -16°C (3°F) recorded at Northolt was the lowest air temperature recorded in the London area since 1867.

Extreme temperatures included: (England and Wales) 33.9°C at several places on July 1, -17.2°C at Kielder Castle on December 31; (Scotland) 28.9°C at Kinlochewe on August 29, -22.2°C at Cannich on December 30; (Northern Ireland) 25.0°C at Armagh on Sept. 1, -11.1°C at Ballykelly on December 31.

The following table gives in degrees Celsius the monthly and annual deviation from the 1921-50 average temperature for (a) England and Wales, (b) Scotland and (c) Northern Ireland.

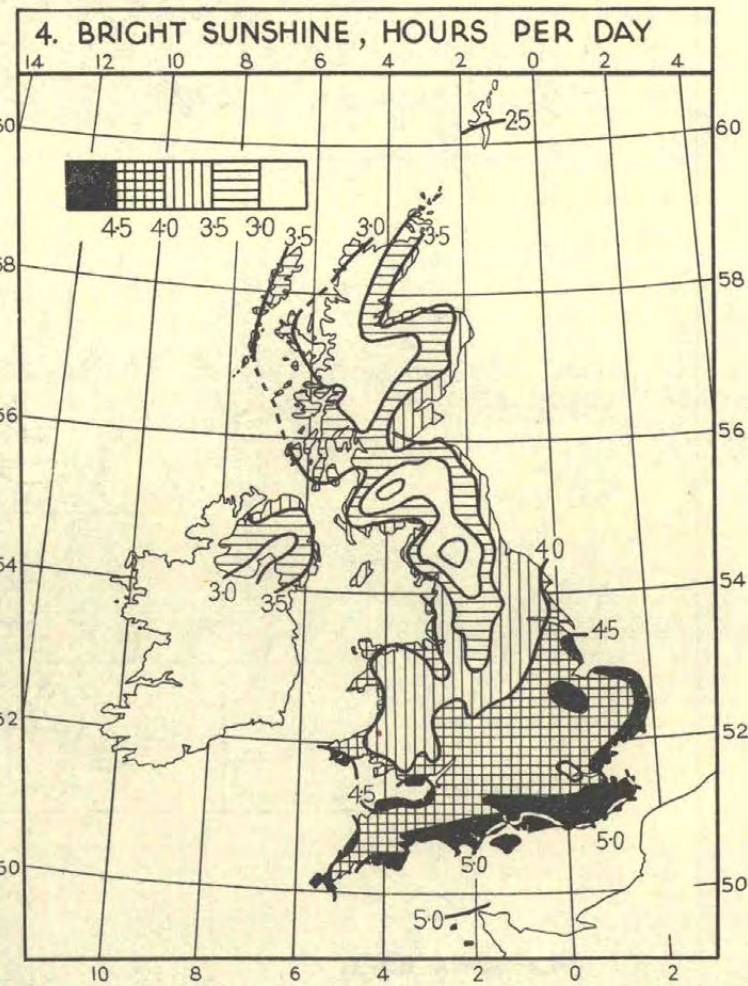
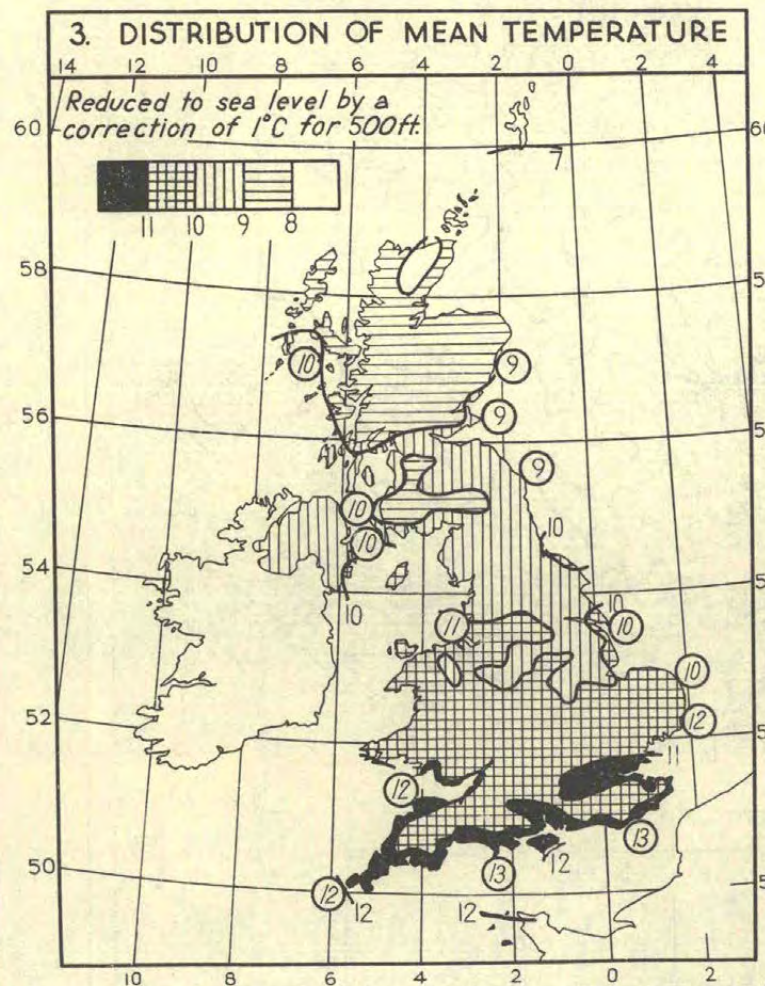
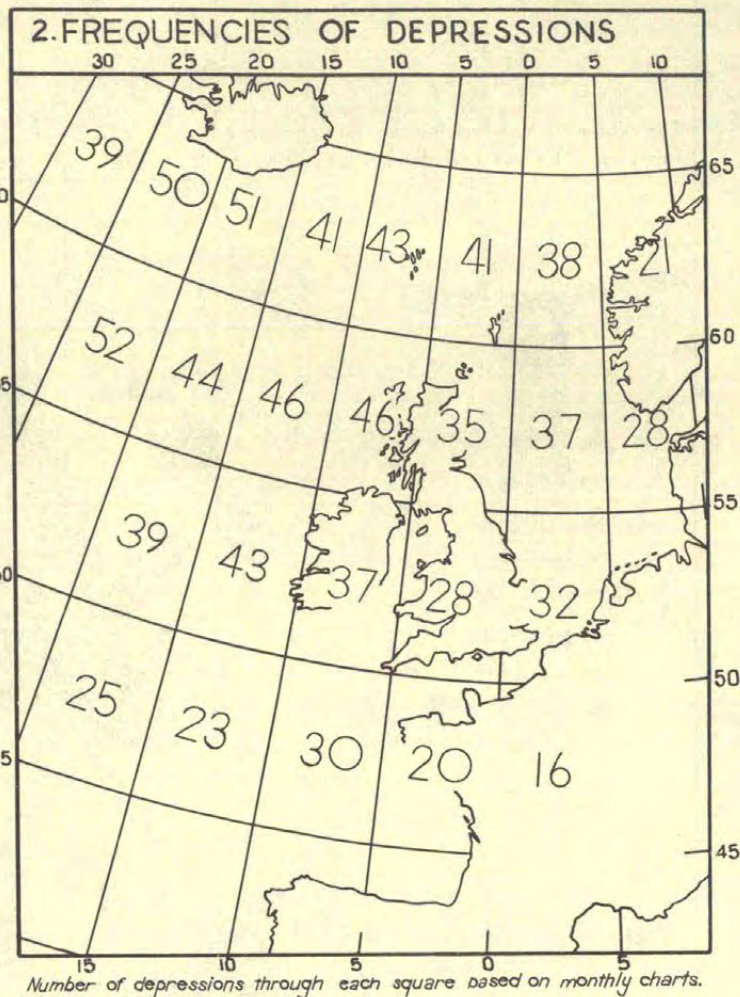
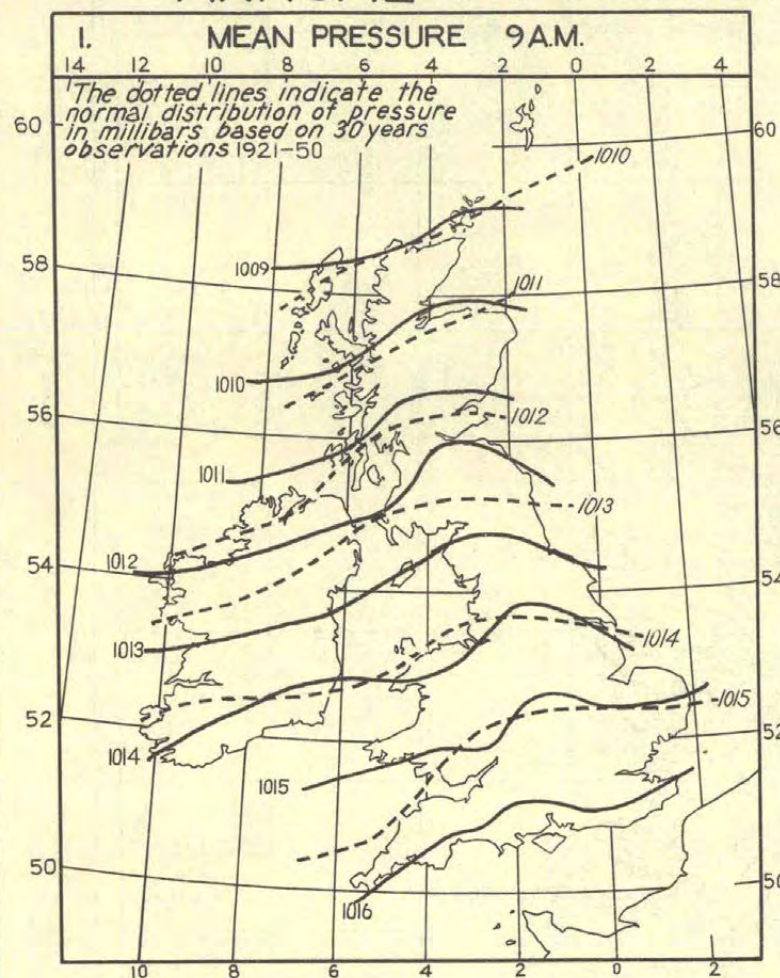
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
(a)	-0.3	+2.7	+2.3	+1.6	-0.2	+0.4	-0.9	-0.3	+1.4	+0.7	-0.2	-1.8	+0.2
(b)	-0.5	+1.8	+2.5	+0.9	+0.3	0.0	-0.9	-0.4	+1.1	+0.8	-0.6	-2.6	+0.2
(c)	-0.9	+2.2	+2.7	+0.9	0.0	0.0	-1.1	-0.5	+0.7	+0.1	-0.4	-2.5	+0.1

Precipitation

After the extremely dry summer and serious water shortages of 1959 and the persistent rain and devastating floods of 1960, the rainfall of 1961 was remarkably close to the average. England and Wales as a whole and also Northern Ireland had two per cent less than the average while the general rainfall over Scotland was three per cent more.

ANNUAL WEATHER CHARTS

1961

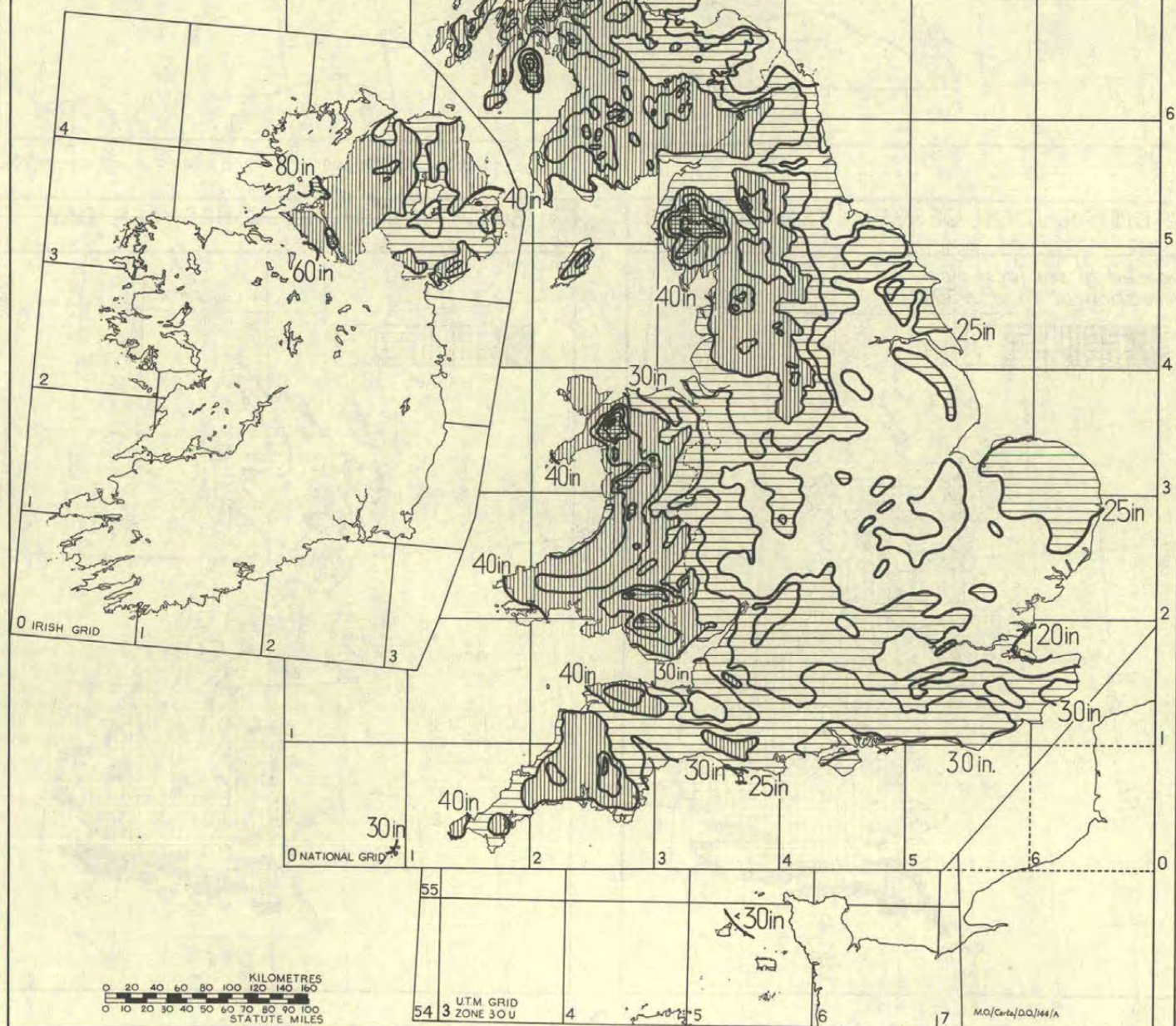
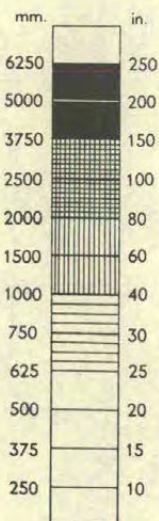


Sea temperatures are shown by figures in circles, thus: ⑩

RAINFALL

1961

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



The general rainfall for the winter half-year (October 1960 to March 1961) was 31 per cent more than the average in England and Wales, where it was the wettest of any corresponding period since that of 1940-41, but about equal to, and 2 per cent less than the average in Scotland and Northern Ireland respectively. During the summer half-year (April to September 1961), general rainfall was 4 and 6 per cent less than the average over England and Wales and over Scotland respectively and 4 per cent more than the average over Northern Ireland.

The period of very wet weather which began in July 1960 continued well into 1961, January being a wet month in England and Wales and February in Scotland and Northern Ireland. The total rainfall for the eight months July 1960 to February 1961 over England and Wales was 39.0 inches, $3\frac{1}{2}$ inches more than the next wettest July to February period (1872-73) and $2\frac{1}{2}$ inches more than the average rainfall for the whole year. Spring began and ended dry but the mid-month of the season, April, was a wet month with rainfall more than 60 per cent above the average in England and Wales and more than twice the average in Northern Ireland. It was a dry summer both in England and Wales and in Northern Ireland but rainfall was above the average in Scotland during the latter part of the season. Rainfall was in fact considerably in excess of the average in north-west Scotland from June to October. The wet weather in this part of the country and the dry weather in south-west England during these five months contrasted sharply with the weather for the corresponding period during 1960 when south-west England suffered devastating flooding after one of the wettest periods for more than 200 years while north-west Scotland experienced dry weather. In 1961, rainfall for the period May to October at Kinlochleven (Argyllshire) was 53 per cent more than the average for that period, while at Taunton, for the same period, rainfall was 57 per cent less than the average. The first two months of the autumn were generally wet but the season ended with a dry month, rainfall in England and Wales during November being only 65 per cent of the average. The year ended with December rainfall above average in England and Wales and below in Scotland and Northern Ireland.

January was a cold and stormy month with frequent snowfalls in Scotland and north-east England. The wettest areas relative to the average were in north-east England and the extreme south. From 17th to 25th eastern districts remained mainly dry, but there was rain most other days in many parts of the country. During the first half of February there was rain, often heavy in the west, on most days. The third week was generally dry; parts of southern England were without measurable rain from 8th to 22nd. The last week was again unsettled and wet, the 27th being a particularly wet day in southern England. March marked the first decisive break in the long sequence of wet months. It was the driest March over England and Wales since 1944. Periods of 15 or more days without measurable rain were recorded at many places and in some parts of southern England as many as 30 days - from late February to late March - without rain, were recorded. April provided a spectacular return to the wet weather. No wetter April has been experienced in England and Wales since 1920 and in Northern Ireland it was by far the wettest April since comparable records began in 1900; at Armagh it was the wettest April since before 1840. Nevertheless, not all parts of the country recorded excess rainfall, for the north-west Highlands had less than half their average amount. Severe thunderstorms during the first few days of May led to heavy flood damage, but the month was generally dry and virtually the whole of Britain had at least 15 days without measurable rain from the 9th onwards. June was another dry month, the driest June over England and Wales since 1951. Less than half the average amount of rain fell over much of southern England (except Kent) but there was more than 150 per cent in parts of north and north-west Scotland. Although England, Wales and Northern Ireland were drier than usual, July saw the beginning of a series of wet or very wet months in Scotland, where the total rainfall for the four months July to October was greatest for that period since 1954. Most of the rain in England and Wales occurred from the 11th to 16th although there were some minor sporadic outbreaks at the beginning of the month. August was the fourth successive month with rainfall less than the average over England and Wales and over Northern Ireland. There were periods of heavy thundery rain in southern and western England during the first week, and heavy rain in Scotland on the 7th-8th caused serious flooding in central districts, especially in the Glasgow area. Rain was unusually heavy in the south-west on the 10th-11th when over 3 inches was recorded at many places in Somerset in 24 hours. Outbreaks of very heavy rain occurred in September during the first few days of the month and also from 12th to 16th when rainfall was heavy practically every day in north-west Scotland and Northern Ireland; the 12th was the wettest day in the period in north-west England, Wales and over Exmoor, and the 13th in southern England. October was an unsettled month almost throughout, and it was the fifth successive month with rainfall greatly in excess of the average in parts of north-west Scotland. Over Scotland as a whole it was the wettest October since 1954. Rainfall was heavy in Northern Ireland on the 2nd, in south-west England and South Wales on the 4th, in western districts on the 9th, 10th, 16th and 17th, and in eastern England on the 18th-20th. The only generally dry period during the month was the 12th-15th. The unsettled weather with frequent rainfall continued during the first twelve days of November but most of the rest of the month was quiet and dry; many parts of southern England and East Anglia were without measurable rain for more than two weeks. December repeated the November rainfall pattern to a remarkable degree, the first two weeks being unsettled and wet but from the 13th onwards weather was dry in most places for about two weeks. Again no measurable rain was recorded for 15 days or more, but on this occasion the stations affected were in Wales, the Midlands and northern England.

Thunderstorms

Thunder was most frequent during the late summer and early autumn, occurring on 19 days during September in England and Wales and on 17 days in Scotland during October. In England and Wales it was heard on 14-16 days

during April, July and August and on 9-12 days during January, February, May, June, October and November. In Scotland there were 9-12 days with thunder during April, September and November. During all other months in both countries there were six days or less, thunder being least frequent during March when it was heard on only two days in both countries.

Noteworthy falls of rain in short periods included:-

May 4	1.16 in.	at Croydon in 50 min.
May 4	1.26 in.	at Kenley in 72 min.
Aug. 1	.88 in.	at Bradninch (Devon) in 30 min.
Aug. 3	1.35 in.	at Langdale in 120 min.
Aug. 1/2	1.25 in.	at Wimbledon in 60 min.
Sept. 3	1.39 in.	at Manchester Airport in 60 min.

Dry Spells (15 or more days without measurable rain).

February 8-22 in parts of southern England.

Late February to late March (30 days) in parts of southern England.

May 9-25 over most of Britain.

December 13-28 over Wales, southern-central, midland and northern England.

Snow

Snow and sleet was fairly frequent in Scotland during January and December when it occurred on 27 and 23 days respectively and ground was snow covered over a wide area 23 days of each month. It was reported on 17, 15, 14 and 12 days during November, March, April and October respectively. There were 9 days with snow in May, 7 days in February and 1 in September.

Snow was widespread in northern and central England during the first week or ten days of January and from the 21st until the end of the month; at Moor House it lay 12-16 inches deep on the 3rd-12th and there were drifts 3 ft. deep. In southern England it was widespread around the 3rd and 25th. During February snow and sleet fell widely in Scotland during the first week. In northern England and the Midlands it was widespread on the 6th and was reported on seven other days. In March snow was reported from many places in Scotland on the 16th-20th and during the last few days of the month; there were snow showers in most districts of the British Isles on the 19th and 20th. Snow was widespread in Scotland during the first few days of April, ground being snow-covered for most of the first week; in central and northern England it was widespread on the 4th. There was no snow in England during May but scattered showers occurred in Scotland during the second and last weeks.

During September a slight fall of snow was reported from Glenmore on the 26th. In Scotland there was snow most days during the second half of October; scattered showers occurred in northern England on the 18th and 25th. During November snow was widespread on the 3rd and 4th and occurred over much of the British Isles during the last few days of the month. In December snow fell daily in Scotland except during the third week. In England and Wales it occurred mainly during the first and last weeks. In parts of the Midlands it lay 4-6 inches deep on the 7th and 8th and was over 12 inches deep over much of the Midlands and south-east England on the 30th and 31st.

The following table gives the revised monthly and annual rainfall expressed as a percentage of the period 1916-50 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)	126	105	25	161	64	69	85	100	104	126	65	115	98
(b)	85	125	95	115	69	85	109	132	120	124	82	91	103
(c)	102	134	57	208	97	73	73	85	119	112	67	78	98

Sunshine

The general sunshine over the year, expressed as a percentage for the period 1921-50, was 104 over England and Wales, 100 over Scotland and 96 over Northern Ireland. In England and Wales no month had less than 90 per cent of the average except April which had only 66 per cent; March and December were sunny months with 128 and 133 per cent of the average respectively. In Scotland the year began and ended with a sunny month but the spring and summer were generally dull although sunshine was slightly above the average during May and August; autumn too was mainly sunny. In Northern Ireland sunshine was below the average every month from March to August and also during the last two months of the year; January however was sunny with 132 per cent of the average sunshine.

January sunshine was above average in north and west Scotland but below in the east; in the Hebrides it was 190 per cent of the average. In England and Wales sunshine was generally above the average north of a line Mersey to the Humber but below the average south of this line. Most of England and Wales had less than average sunshine during February, the deficit being most pronounced in the south-east; a few days of brilliant sunshine however lifted the totals for the month above the average in south Lancashire, North Wales and in west and north-west Scotland. During March sunshine was more than 150 per cent of the average over most of the London area, being 169 per cent locally in central London where it was the sunniest March since 1928. April sunshine exceeded the average only in north-west Scotland and in districts adjacent to the Moray Firth; elsewhere in the British Isles amounts were below average and as much as 50 per cent below in parts of the Midlands - at Ross-on-Wye it was the dulllest April since 1920. May was a sunny month particularly in southern England; in parts of Cornwall sunshine was more than 135 per cent of the average and at Newquay it was the sunniest May since 1938. In Scotland and Northern Ireland sunshine during June was below the average almost everywhere, in some places the deficit being as much as 40-50 hours; elsewhere in the British Isles the sunniest places were mainly in southern England. July was a generally dull month, at Tiree it was the dulllest July since records began there in 1927; how-

ever sunshine was above the average in parts of south-west England. Abundant sunshine everywhere towards the end of August helped to raise totals which had been below the average generally especially during the second and third weeks; during the last week sunshine in north-west England was about twice the average. During September sunshine was generally less than the average in eastern England but mainly above in the north-west; at Manchester Airport it was 25 per cent above the average. October sunshine was mainly below the average in northern Scotland and south-west England but about 50 per cent above the average locally in the Midlands. During November sunshine was more than 30 per cent above the average in north-west England, but below the average in the south-west; at Craibstone it was the sunniest November since records began in 1934. December was exceptionally sunny in parts of Wales and in north-east and south-east England; at Hampstead it was the sunniest December since 1917.

The sunniest station in each month is set out in the following list together with the number of hours sunshine recorded: January, Dover, 71 hr; February, Dunbar, 110 hr; March, Shanklin, 201 hr; April, Penzance 179 hr; May, Guernsey, 309 hr; June, Shanklin, 302 hr; July, Jersey (St. Helier), 275 hr; August, Dale Fort, 223 hr; September, Jersey (St. Helier) 183 hr; October, Everton, 162 hr; November, Udný, 98 hr; December, Aberystwyth, 92 hr.

The following table gives the monthly and annual general sunshine expressed as a percentage of the 1921-50 average for (a) England and Wales (b) Scotland and (c) Northern Ireland.

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
(a)	90	99	128	66	111	109	92	103	97	115	110	133	104
(b)	118	104	88	82	106	85	74	104	98	105	117	116	100
(c)	132	103	85	70	98	82	75	98	103	121	93	88	96

Fog

Early morning fog was less frequent in Scotland than in England and Wales and less frequent in May and June in both divisions of the British Isles than during any other month. In Scotland it occurred most frequently during December, November and April (on 26, 25 and 23 days respectively) and least frequently during June (4 days). During May and August there were 7 and 10 days of fog respectively and during the remaining six months of the year 14 or 15 days. In England and Wales fog occurred almost daily (27-29 days) during January, November and December, 20-23 days during February, March, April and October, 16-18 days during July, August and September and 6-7 days during May and June. Fog was widespread and thick locally on February 15-18, March 8-10, September 1-2 and December 17-21. Sea fog affected many south-west coastal districts on June 17 and 22-25 and on August 28.

Miscellaneous Phenomena

The Aurora was seen on 13-16 nights during January, February, October and November, 11-10 nights during April, May, August, September and December, 8 nights in March and one in July; it was not seen at all during June. The Aurora was seen as far south as the Isle of Man on the nights of March 5/6, April 14/15 and April 15/16, the Bournemouth area on May 8/9 and September 30/October 1 and Exeter December 2/3. It was visible from most parts of the British Isles on October 28/29 and October 30/31. Minor tornadoes affected a number of places during October. They caused considerable damage at Bournemouth and Marazion (Cornwall) on the 6th and were also observed at Burlingham (Norfolk) and Malvern (Worcester) on the 2nd. A tornado accompanied by heavy rain caused considerable damage to buildings in Buckinghamshire on February 25th.

TABLE I.—DISTRICT VALUES FOR THE YEAR 1961 [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. EASTERN	°C 28.9	°C -22.2	°C +0.1	°C +0.1	°C +0.1	°C —	°C —	% 106	 0	% 101
1. SCOTLAND, E.	28.5	-18.3	+0.3	+0.4	+0.4	—	—	89	0	101
2. ENGLAND, N.E.	30.0	-17.2	+0.2	+0.3	+0.3	+0.3	+0.1	97	-1	101
3. ENGLAND, E.	33.3	-16.1	+0.6	+0.5	+0.6	+0.4	+0.4	98	-1	107
4. MIDLAND COUNTIES	31.8	-12.2	+0.4	+0.5	+0.4	+0.5	+0.5	95	-1	106
5. ENGLAND, S.E. WESTERN	33.9	-12.4	+0.7	+0.7	+0.7	+0.5	+0.6	90	-1	108
6. SCOTLAND, W.	27.8*	-18.5	0.0	+0.4	+0.2	+0.2	+0.4	102	0	98
7. ENGLAND, N.W. (and N. Wales)	30.0	-16.1	+0.1	+0.5	+0.3	+0.2	—	105	-1	110
8. ENGLAND, S.W. (and S. Wales)	31.1	-11.7	+0.4	+0.3	+0.3	+0.6	+0.5	91	-1	95
NORTHERN IRELAND	25.0	-11.1	0.0	+0.2	+0.1	—	—	98	0	96

*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 1960

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	Highest Maximum and Lowest Minimum		TEMPERATURE		Total Fall	Per- cent- age of Aver- age	Most in a day		Precip'n -01 in.(0.2 mm.) or more -04 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.	Max. Min.		Mean Difference from Average	Maximum Minimum					1ft. 4ft.	in. %													in.		
G.M.T.		ft.	°C	°C	°C	°C	°C	°C	°C	°C	°C	in.	%	in.											hr.	%			
0 SCOTLAND, N.																													
Zetland	Lerwick Obs'y.	21.9	269	9.3	5.5	7.4	+0.3	19.6	-8.2	-	-	42.97	106	1.02	30 Oct	253	193	60	24	12	52	5	19	43	79	62	2.53	85	
	Baltasound	9 9	78	9.9	5.2	7.5	-	21.7	-5.6	7.6	-	47.25	105	1.03	27 Oct	269	208	66	23	33	0	3	7	43	-	44	2.34	-	
Orkney	Sule Skerry	9 9	43	10.1	7.3	8.7	-	20.5	-8.0	-	-	38.32	-	.75	11 Jan	256	192	19	8	4	0	0	4	9	44	35	-	-	
	Kirkwall (Grimsetter)	21.9	84	10.4	5.6	8.0	-	20.5	-7.6	-	-	36.00	91	.81	28 Sept	252	182	63	15	63	2	2	4	36	92	22	3.13	-	
Caithness	Dounreay	9 9	73	11.2	-	-	-	25.6	-	-	-	31.02	-	.71	17, 27 Oct	243	177	24	18	0	7	1	3	-	121	29	-	-	
	Halkirk (Olgrinbeg)	9 9	232	-	-	-	-	-	-	-	-	31.90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Wick	21.9	119	10.6	5.2	7.9	+0.1	20.5	-11.7	-	-	26.87	90	.95	28 Sept	224	161	43	15	6	35	2	7	56	99	15	3.48	98	
Sutherland	Cape Wrath	21.9	367	9.8	6.4	8.1	-	26.0	-4.0	-	-	44.73	94	1.19	12 July	257	207	40	7	18	0	3	18	26	58	20	-	-	
	Lairg (Achany)	9 9	240	11.5	3.3	7.4	-	25.6	-17.8	7.8	7.9	35.46	-	.90	8 June	247	187	55	34	12	0	2	13	95	210	3	-	-	
	Strathay	9 9	120	11.2	4.3	7.7	-	26.1	-13.3	-	-	35.91	93	1.32	8 June	263	198	66	25	5	20	4	5	73	-	3	2.91	-	
Ross & Cromarty	Stornoway	21.9	11	11.0	5.7	8.3	-0.1	21.0	-11.2	-	-	46.97	119	1.25	12 July	287	200	31	12	11	32	1	0	55	89	21	3.44	103	
	Achnashellach	9 9	220	11.5	4.5	8.0	-0.1	27.2	-14.4	-	-	91.99	114	1.50	26 Sept	282	229	36	21	7	5	4	2	81	-	4	-	-	
	Kinlochewe	9 9	76	12.0	5.1	8.5	-	28.9	-12.8	-	-	88.07	-	2.41	25 Mar	260	223	41	27	5	4	6	0	70	-	3	2.01	-8	
	Garve (Blackbridge)	9 9	690	-	-	-	-	-	-	-	-	47.73	-	-	-	224	187	-	-	-	-	-	-	-	-	-	-	-	
	Fortrose	9 9	15	-	-	-	-	-	-	-	-	23.39	92	.98	12 July	189	129	18	13	1	0	1	3	-	-	12	3.38	95	
	Tarbatness	21.9	60	10.7	6.3	8.5	-	24.5	-9.0	-	-	17.98	-	.98	28 Sept	181	102	10	11	0	1	2	4	39	-	2	-	-	
Inverness	Benbecula	21.9	19	11.1	6.4	8.7	-	20.0	-10.5	-	-	52.89	118	1.50	26 Feb	256	205	30	10	16	24	3	0	42	77	44	3.55	-	
	Isle of Rhum	9 9	15	11.8	6.0	8.9	-	21.7	-8.3	-	9.9	112.57	-	2.58	11 Jan	268	230	22	11	3	34	8	0	49	101	50	-	-	
	Prabost	9 9	220	11.1	5.4	8.3	-	25.6	-8.3	-	-	78.27	-	1.77	12 July	282	231	27	18	2	53	4	0	43	124	54	3.00	-	
	Duntulm	9 9	294	10.7	6.0	8.3	-	23.9	-6.1	-	-	61.07	115	2.11	12 July	264	223	27	10	27	0	2	7	21	73	37	3.09	-	
	Onich	9 9	48	11.6	5.5	8.5	-0.2	25.6	-11.1	-	-	97.52	120	2.32	24 June	250	236	-	11	-	-	-	9	50	134	-	2.70	968	
	Fort William (Camaghael)	9 9	27	12.0	5.2	8.6	-	27.8	-15.0	9.0	9.2	76.75	-	1.65	8 Aug	251	206	23	16	4	19	7	4	62	105	7	2.59	-8	

TABLE III (continued)—SUMMARY OF THE RECORDS OF TEMPERATURE, RAINFALL, AND SUNSHINE AND OF WEATHER OBSERVATIONS, YEAR 1961

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		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	B			Maximum	Minimum					Amount	Date															
				Max.	Min.			Max.	Min.					Max.	Min.													in.	%	in.
G.M.T.		ft.	°C	°C	°C	°C	°C	°C	°C	in.	%	in.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.			
0 SCOTLAND, N.—cont.																														
Inverness—cont. Fort Augustus		9 9	70	11.5	5.1	8.3	+0.1	27.2	-16.7	-	-	-	-	49.84	-	2.25	8 Aug	234	162	27	18	1	3	4	15	66	-	10	2.83	-
Cannich		9 9	350	-	2.7	-	-	25.6	-22.2	-	-	-	-	48.26	109	1.68	8 Aug	204	168	-	44	-	-	-	7	107	183	-	-	-
Inverness		9 9	13	12.0	5.5	8.7	-	26.7	-11.1	-	-	-	-	22.77	-	1.00	8 Aug	158	122	15	22	0	2	0	3	62	-	3	3.47	-
Achnagoichan		9 9	1000	10.7	3.2	6.9	-	25.0	-19.4	-	-	-	-	34.35	-	(1.30)	4 Dec	206	169	-	-	-	-	-	95	-	-	-	-	
Glenmore Lodge		9 9	1120	10.5	2.4	6.5	-	25.0	-18.0	-	-	-	-	40.36	-	1.87	8 Aug	233	167	63	43	2	1	2	3	115	-	9	2.87	-
1 SCOTLAND, E.																														
Nairn Nairn		9 9	20	12.1	4.9	8.5	+0.1	27.8	-12.2	-	-	-	-	23.07	92	.94	8 Aug/28 Sept	212	131	19	22	3	0	1	6	71	-	7	3.64	104
Moray Grantown-on-Spey		9 9	720	11.5	2.2	6.9	-	25.0	(-15.0)	-	-	-	-	28.20	-	1.15	8 Aug	217	161	-	30	-	-	-	3	119	170	-	-	-
Forres		9 9	155	12.0	4.7	8.3	-	26.7	-16.7	8.6	8.5	-	-	20.40	83	.85	28 Sept	180	123	20	25	4	1	0	1	74	-	6	3.41	-
Kinloss		21-9	15	12.0	5.0	8.5	-	27.1	-16.0	-	-	-	-	21.60	-	.81	28 Sept	194	124	38	17	7	26	3	8	68	127	10	3.36	-
Elgin		9 9	92	12.3	5.4	8.9	-	27.2	-11.1	-	-	-	-	21.00	-	.65	8 Aug	198	131	19	18	0	0	0	0	56	106	5	3.60	-
Lossiemouth		9 9	21	11.9	4.4	8.1	-	26.7	-15.0	-	-	-	-	21.46	-	(.73)	28 Dec	178	129	33	9	14	0	3	4	83	111	27	-	-
Gordon Castle		9 9	104	12.5	4.1	8.3	+0.2	26.7	-16.1	-	-	-	-	24.34	82	.85	20 Oct	190	130	-	17	-	-	-	-	81	-	-	3.31	94
Aberdeen Braemar		9 9	1113	10.3	2.7	6.5	+0.1	24.4	-16.1	-	-	-	-	33.42	92	1.47	22 Oct	211	142	-	43	-	-	-	1	106	180	-	2.97	-
Balmoral		9 9	927	10.6	2.6	6.6	+0.1	25.0	-15.0	-	-	-	-	29.75	89	1.31	8 Aug	211	136	36	45	0	0	1	-	115	169	8	-	-
Logie Coldstone		9 9	608	11.6	-	-	-	25.6	-13.9	-	-	-	-	25.87	-	.95	12 July/8 Aug	202	127	-	29	-	-	-	-	-	-	-	-	-
Huntly		9 9	405	-	-	-	-	(25.0)	-11.4	-	-	-	-	30.82	-	1.33	18 Oct	210	138	-	-	-	-	-	-	-	-	-	-	-
Fyvie Castle		9 9	218	11.7	4.0	7.9	-	23.3	-13.3	-	-	-	-	28.98	-	.91	4 Dec	179	150	-	13	-	-	-	-	90	149	-	-	-
Craibstone		9 9	300	11.3	4.9	8.1	+0.4	22.8	-7.8	8.2	8.2	-	-	30.00	88	(1.03)	28 Dec	198	139	30	25	6	7	5	7	55	107	16	3.64	95
Dyce		21-9	190	11.6	4.4	8.0	-	23.6	-11.2	-	-	-	-	28.07	80	.96	8 Aug	180	131	45	15	4	19	4	6	73	120	7	3.62	-
Aberdeen		9 9	170	11.6	5.0	8.3	-	23.9	-7.2	-	-	-	-	27.45	83	1.12	12 July	176	122	31	10	15	4	5	6	63	117	16	3.61	-
Udny		9 9	363	11.2	4.5	7.9	-	22.8	-10.0	-	-	-	-	29.52	-	1.03	8 Aug	197	140	35	27	7	1	4	13	66	150	6	3.69	-
Kincardine Rattray Head		21-9	85	10.8	5.7	8.3	-	21.7	-6.0	-	-	-	-	26.74	94	.55	11 Jan	218	158	34	10	14	4	5	7	34	-	22	3.78	-
Fettercairn		9 9	560	11.0	4.3	7.7	-	22.8	-8.9	-	-	-	-	37.15	-	1.92	28 Dec	195	139	32	30	2	2	2	44	67	178	8	3.25	-
Angus Muchalls		9 9	210	11.2	5.1	8.1	-	23.3	-7.8	-	-	-	-	27.23	-	1.08	8 Aug	179	123	23	11	0	1	3	8	46	130	2	-	-
Dundee (Mynefield)		9 9	100	12.0	4.9	8.5	-	26.7	-7.8	8.6	8.6	-	-	26.73	-	1.82	8 Aug	185	128	22	17	1	3	5	7	61	126	8	3.79	-
Auchterhouse		9 9	780	10.7	3.8	7.3	-	24.4	-8.3	7.9	7.7	-	-	34.38	-	2.03	8 Aug	198	152	55	25	2	11	9	-	78	-	6	3.57	-
Dundee		9 9	147	12.3	5.8	9.1	+0.7	25.6	-7.2	9.1	-	-	-	28.23	91	1.79	8 Aug	195	139	20	17	5	1	4	-	45	130	6	3.36	92
Glamis Castle		9 9	200	11.7	3.6	7.7	-	26.1	-10.6	-	-	-	-	32.39	-	1.72	8 Aug	198	145	29	22	3	0	7	17	97	-	9	-	-
Buddon Ness		9 9	15	11.9	4.7	8.3	-	21.7	-10.6	-	-	-	-	24.98	89	1.68	8 Aug	182	132	10	-	9	0	2	5	65	-	17	-	-
Carnoustie		9 9	29	12.3	5.8	9.1	-	23.3	-7.8	9.7	-	-	-	25.49	87	1.86	8 Aug	171	126	18	11	0	11	5	3	41	97	8	3.81	-
Perth Arbroath		9 9	95	11.8	5.8	8.8	+0.5	22.2	-6.7	-	-	-	-	22.62	86	1.57	8 Aug	178	121	9	8	5	0	3	11	41	-	6	4.01	98
Montrose		9 9	200	11.8	5.1	8.5	-	24.4	-7.2	-	-	-	-	25.91	90	1.39	12 July	178	126	22	8	7	1	5	8	58	-	4	-	-
Strathrye		9 9	425	-	3.9	-	-	-13.9	-8.4	8.4	-	-	-	92.80	-	2.60	26 Jan	215	192	31	22	1	0	6	2	82	142	16	-	-
Callander		9 9	230	11.7	4.7	8.2	-	23.9	-10.6	-	-	-	-	66.09	-	1.40	14 Sept	203	181	-	31	-	-	-	39	68	101	-	-	-
Perth Loch Tay (Ardalnaig)		9 9	427	11.6	4.9	8.3	-	25.0	-8.9	-	-	-	-	54.67	-	1.80	12 July	208	164	25	16	0	2	11	5	61	-	6	-	-
Pitlochry		9 9	473	-	3.8	-	-	25.0	-11.7	-	-	-	-	37.68	-	1.28	15 July	203	164	29	28	2	1	1	8	82	136	1	3.23	-
Pitlochry (Faskally)		9 9	310	11.7	4.2	7.9	-	25.6	-10.6	8.6	8.8	-	-	38.26	-	1.17	7 Nov	194	152	36	26	2	1	2	4	68	133	0	-	-
Dunning		9 9	250	12.0	4.6	8.3	-	26.7	-10.0	-	-	-	-	38.48	-	2.27	8 Aug	193	145	12	13	0	0	2	2	74	172	0	3.64	-
Perth		9 9	77	12.3	4.7	8.5	-0.1	27.2	-13.9	-	-	-	-	30.95	101	1.70	8 Aug	190	144	20	18	5	0	3	17	66	-	5	3.49	96
Fife Blaigowrie		9 9	230	11.9	4.3	8.1	-	25.0	-9.4	8.4	-	-	-	29.59	-	1.58	8 Aug	184	131	-	-	-	-	-	-	75	139	-	3.62	-
Glenshee Lodge		9 9	1100	10.2	2.5	6.3	-	23.9	-13.3	7.0	-	-	-	46.98	-	1.35	22 Oct	231	171	53	50	0	1	2	9	104	169	10	-	-
Dunfermline (Pitreavie)		9 9	130	12.2	5.8	9.0	-	28.0	-9.4	-	-	-	-	28.57	-	1.59	8 Aug	178	128	18	10	2	2	8	15	43	81	1	-	-
Kirkcaldy		9 9	137	12.2	5.3	8.7	0.0	26.7	-8.9	-	-	-	-	30.42	102	1.80	8 Aug	188	146	-	13	-	-	-	2					

TABLE III (continued) - SUMMARY OF THE RECORDS OF TEMPERATURE, RAINFALL AND SUNSHINE AND OF WEATHER OBSERVATIONS, YEAR 1961

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.	Fog at 9h.	Thunder heard	Air Frost	Grass min. 0°C or less	Gale	Daily Mean	Percentage of Average	
					A Max.	B Min.	Mean Temperature	Difference from Average	Maximum	Minimum	ft.	ft.	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.	%				
6a SCOTLAND, W.-cont.																														
Ayr-cont.																														
Turnberry			9 9	25	-	-	-	-	-	-	-	-	-	55.53	-	2.85	8 Aug	219	180	-	3	-	-	-	-	-	-	-	-	
Largs			9 9	20	-	-	-	-	-	-	-	-	-	62.01	-	1.94	16 Oct	251	189	20	8	25	0	7	1	64	-	-		
Barr			9 9	400	11.9	4.3	8.1	-	23.9	-15.0	-	-	-	39.66	101	1.90	8 Aug	196	156	13	2	16	1	2	0	45	103	9	3-63	
Auchincruive			9 9	147	12.1	5.7	8.9	-	24.4	-10.6	9.3	9.4	-	38.69	105	2.18	8 Aug	192	147	14	2	9	13	5	2	46	66	6	3-85	
Prestwick Airport			21-9	30	12.3	6.5	9.4	-	25.4	-10.3	-	-	-	43.90	-	2.45	8 Aug	197	158	13	1	3	8	4	14	43	121	1	3-20	
Kilmarnock			9 9	115	-	5.9	-	-	-	-10.0	9.3	9.5	-	56.22	-	1.80	12 Sept	194	170	20	16	3	0	15	15	62	139	10	-	
Dumfries			9 9	480	11.0	4.5	7.7	-	24.4	-11.7	-	-	-	40.79	95	1.08	22 Oct	196	156	11	-	6	0	4	10	52	121	2	3-16	
Moniaive (Dalmacallan)			9 9	140	12.0	5.6	8.8	+0.1	25.6	-10.0	9.5	9.6	-	56.35	90	1.82	12 Sept	222	174	42	18	10	4	11	12	79	122	6	3-04	
Dumfries			21-9	794	10.8	4.1	7.5	+0.3	24.8	-18.5	9.0	8.9	-	60.76	-	1.60	26 Jan	237	188	15	8	1	3	6	11	66	132	1	-	
Kirkcud-bright			9 9	360	11.8	4.3	8.1	-	22.2	-12.8	-	-	-	49.76	-	1.38	3 Aug	212	163	10	6	0	0	2	6	64	-	3	-	
Bargrennan			9 9	50	12.4	4.5	8.5	-	22.8	-14.4	-	-	-	63.16	-	1.87	5 Oct	209	170	17	11	8	0	6	9	73	111	5	-	
Palnure			9 9	181	12.4	4.5	8.5	-	25.0	-15.0	-	-	-	61.66	-	1.96	5 Oct	213	171	19	16	0	0	4	3	81	-	3	-	
Glenlee			9 9	390	11.7	3.9	7.8	-	23.9	-16.1	8.6	-	-	45.98	-	1.64	12 Sept	203	156	-	9	-	-	-	14	59	-	-	-	
Carsphairn (Dundeugh)			9 9	154	12.0	5.0	8.5	-	23.9	-12.2	-	-	-	43.70	-	1.48	7 Nov	190	153	-	7	-	-	-	6	70	146	108	34	3-42
Glenloch Barrage			9 9	196	11.9	4.4	8.1	-	24.4	-12.8	9.0	-	-	66.28	-	1.90	3 Aug	238	194	16	10	10	0	12	39	56	108	34	3-42	
Castle Douglas			9 9	546	10.7	4.9	7.8	-	21.1	-11.7	-	-	-	29.23	-	1.07	25 Apr	197	132	10	1	2	1	8	11	8	-	54	-	
Stranraer (Penwhirn)			21-9	257	11.5	7.5	9.5	-	19.5	-6.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Mull of Galloway																														
6b ISLE OF MAN																														
Isle of Man			21-9	55	12.1	7.9	10.0	-	21.2	-9.1	-	-	-	34.82	101	1.30	7 Aug	173	135	13	2	6	4	6	6	16	35	31	3-78	-
Ronaldsway			9 9	284	11.9	7.2	9.5	+0.2	21.7	-6.1	-	-	-	43.96	97	1.50	3 Aug	198	148	11	4	5	2	2	13	17	50	9	3-85	90
Douglas			9 9	284	11.9	7.2	9.5	+0.2	21.7	-6.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2 ENGLAND, N.E.																														
Northumberland			9 9	660	11.2	3.8	7.5	-	26.1	-17.2	-	-	-	43.25	90	1.14	9 Oct	223	163	25	19	2	5	5	8	98	147	2	-	-
Kielder Castle			9 9	849	11.2	4.0	7.6	+0.3	25.6	-12.2	-	-	-	33.06	83	1.39	12 July	217	148	-	18	-	-	-	12	78	-	-	-	-
Bellingham			9 9	270	12.6	4.6	8.6	-	26.7	-16.7	9.1	9.0	-	27.17	-	0.86	12 July	211	138	19	8	3	1	4	15	74	127	2	3-33	-
Haydon Bridge			9 9	76	12.0	6.0	9.0	+0.5	24.4	-10.0	-	-	-	22.88	98	1.15	8 Aug	183	126	15	8	3	9	7	5	40	105	11	3-98	102
Berwick-on-Tweed			9 9	220	-	4.7	-	-	26.7	-12.8	-	-	-	(27.13)	-	1.58	12 July	(170)	(120)	20	13	0	4	2	18	69	-	18	-	-
Ponteland			9 9	326	12.1	5.2	8.7	+0.5	25.0	-8.3	8.8	-	-	28.13	98	1.50	12 July	174	131	-	11	-	-	-	16	55	92	-	3-69	98
Cockle Park			21-9	138	12.1	5.3	8.7	-	25.5	-8.9	-	-	-	26.15	-	0.91	12 July	170	119	27	6	9	7	6	7	58	90	15	3-86	-
Acklington			21-9	95	11.9	7.0	9.5	+0.3	26.0	-6.7	-	-	-	25.79	97	1.28	19 Oct	167	112	28	0	7	2	6	23	26	70	21	3-57	-
Tynemouth			9 9	446	12.5	4.9	8.7	+0.4	26.1	-11.7	-	-	-	29.08	100	1.25	12 July	196	128	24	16	1	1	3	15	63	156	2	-	-
Chopwellwood			9 9	594	12.0	5.1	8.5	+0.1	25.6	-8.9	-	-	-	30.07	103	2.50	14 July	162	122	-	14	-	-	-	67	-	-	-	-	
Ushaw College			9 9	123	13.0	4.2	8.6	-0.1	26.1	-13.3	-	-	-	28.34	102	1.45	14 July	166	127	18	7	0	6	3	17	89	141	6	3-56	101
Houghall			9 9	336	12.7	5.2	8.9	+0.3	26.1	-8.9	9.2	9.4	-	27.89	106	1.73	14 July	174	120	-	-	-	-	-	57	118	-	3-38	93	
Durham			9 9	509	11.9	6.0	8.9	-	25.6	-8.3	-	-	-	27.39	-	1.53	12 July	164	119	-	9	-	-	-	23	43	77	-	3-77	-
Gateshead			21-9	115	13.0	5.8	9.4	-	27.2	-8.3	-	-	-	21.82	-	1.02	10 June	165	117	30	12	0	2	7	25	56	91	3	3-59	-
Middleton St. Gge.			9 9	30	13.1	6.7	9.9	-	27.2	-6.1	-	-	-	23.24	-	1.54	19 Oct	171	106	14	3	6	0	6	20	31	-	8	3-50	-
West Hartlepool			21-9	105	13.1	6.0	9.5	-	28.2	-6.8	-	-	-	24.54	98	0.75	12 July	176	118	27	6	4	5	11	39	49	78	6	3-74	-
Dishforth			9 9	57	13.5	6.2	9.9	+0.3	29.4	-6.7	9.7	9.8	-	24.93	101	1.15	2 Sept	187	125	17	4	2	1	9	38	42	-	2	3-47	97
York			9 9	313	12.5	5.5	9.0	+0.2	26.1	-7.2	-	-	-	28.74	96	0.81	2 Sept	181	133	-	-	-	-	-	38	50	113	-	-	-
Ampleforth			9 9	25	13.5	6.7	10.1	-	28.9	-7.2	-	-	-	22.22	93	1.48	19 Oct	170	120	-	0	-	-	-	14	45	-	-	3-78	-
Whitby			9 9	135	12.9	-	-	-	27.2	(-6.1)	-	-	-	23.21	88	1.29	12 July	148	116	8	1	10	1	5	16	-	-	2	3-86	-
Scarborough			9 9	118	13.0	7.0	10.0	+0.2	26.1	-6.1	-	-	-	24.96	98	1.70	12 July	165	122	9	0	10	1	4	10	16	46	9	3-93	103
Silpho Moor			9 9	665	11.8	5.1	8.5	-	26.1	-7.8	8.4	-	-	30.28	-	1.38	12 July	200	141	19	12	3	1	5	53	60	104	1	-	-
High Mowthorpe			9 9	574	11.9	5.0	8.5	-	26.1	-7.8	8.9	-	-	30.17	-	1.15	2 Sept	2												

TABLE III (continued) - SUMMARY OF THE RECORDS OF TEMPERATURE, RAINFALL AND SUNSHINE AND OF WEATHER OBSERVATIONS, YEAR 1961

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	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.	Mean Temperature of A and B	Difference from Average						Amount	Date	0.1 in. (0.2 mm.) or more	0.4 in. (1.0 mm.) or more											
Max.	Min.		ft.	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	in.	%	in.										hr.	%	
4 MIDLAND COUNTIES—cont.																												
Yorks., W. Riding—cont.	Ilkley	99	315	12.9	5.6	9.3	+0.5	28.3	-8.3	-	-	34.97	93	1.89	2 Sept	156	153	31	2	0	2	6	24	56	-	5	-	
	Sheffield	99	429	13.3	6.7	10.0	+0.4	29.4	-7.2	9.5	9.9	28.23	92	1.02	10 Oct	186	142	20	7	0	0	12	-	31	118	0	3.81	
	Wakefield	99	121	14.0	5.8	9.9	+0.3	29.4	-8.9	9.6	9.7	22.91	87	-80	21 Jan	165	120	15	2	0	1	10	60	51	132	1	-	
	Pontefract	99	255	12.9	6.0	9.5	+0.3	28.3	-10.0	-	-	21.46	90	-75	21 Jan	180	118	16	4	0	0	11	66	43	73	0	-	
	Bramham	99	177	12.9	5.2	9.1	-	28.3	-8.3	-	-	25.63	-	-96	2 Sept	175	133	16	5	1	1	12	38	68	106	1	3.52	
	Cawood	99	20	13.3	5.2	9.3	-	28.3	-7.8	9.6	10.0	22.16	90	-71	14 July	143	111	6	5	0	0	6	31	56	100	2	3.45	
	Askham Bryan	99	110	13.3	5.5	9.4	-	29.4	-7.2	-	-	(25.85)	99	1.35	2 Sept	(165)	(125)	16	1	0	1	4	40	62	104	4	3.47	
	Buxton	99	1007	11.0	4.9	7.9	+0.2	26.7	-12.2	8.7	9.0	51.66	107	1.32	29 Nov	211	166	23	14	3	0	8	58	63	98	0	-	
	Chapel en le Frith	99	728	12.2	4.9	8.5	-	27.8	-11.1	-	-	43.89	-	1.17	29 Nov	203	169	19	13	3	7	17	66	150	6	-	-	
	Mackworth	99	293	13.3	5.5	9.4	-	28.9	-7.8	-	-	24.34	-	-67	13 Apr	165	130	11	8	1	1	11	38	61	111	6	-	
Derby	Belper	99	203	13.9	5.4	9.7	+0.4	30.0	-6.7	-	-	25.20	87	-86	12 July	148	122	9	5	0	0	2	-	68	-	0	-	
	Derby	99	159	14.0	6.2	10.1	-	30.6	-7.2	-	-	23.55	-	-64	29 Dec	181	118	7	4	1	0	3	45	51	-	0	3.66	
	Morley	99	350	13.1	5.6	9.3	-	28.9	-7.8	-	-	24.31	-	-99	12 July	169	125	10	5	0	0	7	-	57	119	2	3.78	
	Chesterfield	99	298	13.2	5.2	9.2	-	29.4	-12.2	-	-	25.19	-	-78	3 Sept	169	135	17	5	0	0	0	63	54	-	0	-	
	Sutton Bonington	21-9	157	-	5.5	-	-	29.4	-8.9	-	-	21.21	92	1.00	29 Dec	164	116	-	-	-	-	23	59	139	-	3.84		
	Watnall	99	385	13.3	5.9	9.6	-	29.8	-7.6	-	-	25.24	93	1.28	12 July	166	126	21	3	3	1	12	49	42	123	0	3.78	
	Mansfield	99	362	13.0	6.2	9.6	+0.4	30.0	-8.3	-	-	26.44	96	-91	29 Dec	171	141	8	5	0	0	3	66	41	87	0	-	
	Nottingham	99	192	13.9	6.5	10.2	+0.7	30.6	-7.2	9.9	10.0	22.66	94	-75	29 Dec	154	124	11	2	1	0	8	35	37	72	1	3.71	
	Warsop (Gleadthorpe)	99	150	13.4	4.7	9.1	-	28.9	-11.7	-	-	22.62	98	-77	29 Dec	169	122	12	5	0	2	7	51	74	157	2	4.03	
	Finsingley	21-9	34	13.6	6.3	9.9	-	30.0	-8.3	-	-	21.95	-	-65	8 Aug	162	119	14	4	0	3	11	38	38	76	1	3.71	
Leicester	Leicester (Towers)	99	267	-	-	-	-	29.4	-9.4	-	-	22.85	-	1.10	29 Dec	166	121	15	3	0	1	7	19	64	121	0	-	
	Caldecott	99	175	14.4	4.5	9.5	-	31.1	-12.2	-	-	19.66	-	-85	29 Dec	146	113	-	3	-	-	-	22	84	118	-	4.08	
	Raunds	99	193	14.4	5.3	9.9	-	30.6	-9.4	10.6	10.5	20.22	89	-87	12 June	161	110	-	3	-	-	-	22	59	93	-	-	
	Wittering	21-9	216	13.7	6.1	9.9	-	30.4	-9.2	-	-	21.39	-	-81	10 Nov	164	112	20	2	5	4	10	22	44	99	2	4.47	
	Birmingham K.E.S.	99	450	13.2	6.4	9.8	-	30.0	-7.2	-	-	25.08	-	1.15	3 Sept	155	118	9	4	1	0	3	15	38	-	0	-	
	Birmingham	21-9	536	13.0	6.9	9.9	+0.5	30.4	-8.0	9.4	10.0	28.58	93	-96	12 July	174	130	17	3	1	1	11	18	27	74	0	3.80	
	Luddington	99	138	14.3	5.7	10.0	-	30.6	-9.4	-	-	21.33	90	1.21	12 June	152	109	5	3	1	4	6	13	59	97	2	4.20	
	Stratford on Avon	99	160	14.5	5.3	9.9	-	31.7	-8.9	11.1	-	22.65	-	1.29	12 June	155	109	9	3	0	3	7	14	64	134	6	4.33	
	Birmingham Airport	21-9	319	13.5	5.8	9.7	-	30.2	-10.2	-	-	23.96	89	-97	29 Dec	152	114	15	2	0	8	9	33	51	95	1	4.12	
	Shipston on Stour	99	365	13.7	5.8	9.7	-	30.6	-10.6	10.3	-	23.70	-	1.07	12 June	164	120	8	4	0	2	8	26	46	139	-	4.27	
Oxford	Wellesbourne	99	153	14.2	5.6	9.9	-	31.1	-9.4	-	-	21.53	86	1.17	12 June	150	113	10	3	2	2	6	22	63	116	7	4.19	
	Moreton Morrell	99	280	14.0	5.7	9.9	-	30.6	-9.4	-	-	20.69	-	1.23	12 June	164	111	9	3	1	1	4	25	52	133	13	4.07	
	Coventry	99	338	13.9	6.0	9.9	+0.2	30.0	-7.8	10.1	-	23.08	87	-68	30 Dec	166	115	7	-	0	0	4	12	51	-	3	3.81	
	Rugby	99	385	13.7	6.1	9.9	-	30.0	-8.9	10.2	10.7	21.82	-	-75	29 Dec	159	121	-	4	-	-	-	48	86	-	-	-	
	Oxford	99	208	14.5	6.7	10.6	+0.5	30.6	-9.4	11.0	11.2	25.72	100	-105	29 Dec	171	119	9	3	6	3	9	26	40	90	1	4.39	
	Aylesbury	99	316	14.2	5.8	10.0	-	29.4	-10.6	-	-	24.84	-	1.45	12 July	143	112	8	2	5	1	13	38	54	132	11	4.45	
	Keele	99	587	12.4	5.7	9.1	-	28.9	-7.8	9.4	9.6	29.93	95	-108	3 Sept	186	142	20	6	1	10	11	27	53	95	0	3.65	
	Oaken	99	409	13.5	5.2	9.3	+0.4	29.4	-7.8	9.7	-	25.07	-	-90	12 July	154	127	-	-	-	-	-	59	-	-	-	-	
	Stone	99	350	13.0	5.1	9.1	-	28.3	-8.3	-	-	27.90	-	1.20	10 Oct	170	130	9	3	0	0	3	31	64	127	0	3.71	
	Penkridge	99	330	13.1	5.0	9.1	-	29.4	-8.3	-	-	25.97	-	-90	12 July	145	121	5	3	2	0	3	20	62	130	1	-	
Shropshire	Onecote	99	1350	10.1	4.3	7.2	-	25.0	-8.9	7.9	8.2	43.00	-	1.10	30 Dec	170	167	8	11	0	1	1	32	79	115	1	3.32	
	Oswestry	99	570	12.7	5.6	9.1	-	27.8	-8.9	-	-	31.85	-	-76	4 May	165	143	12	8	10	1	2	18	44	103	0	3.77	
	Church Stretton	-	582	-	-	-	-	-	-	-	-	30.95	88	1.13	13 Apr	178	136	-	-	-	-	-	-	-	-	-	3.58	
	Shrewsbury	99	184	13.8	6.1	9.9	-	29.4	-10.0	11.1	12.0	23.27	90	-73	12 July	181	129	-	5	-	-	-	24	44	99	-	3.68	
	Shawbury	21-9	235	13.3	5.5	9.4	-	29.8	-11.8	-	-	25.62	99	-80	12 July	171	125	19	4	10	1	4	23	55	146	5	4.00	
	Newport	99	211	13.6	5.2	9.4	-	29.4	-10.0	-	-	23.49	90	-92	25 Apr	166	119	12	5	5	1	10	11	64	123	11	3.66	
	Malvern	99	203	14.3	6.7	10.5	+0.6	31.1	-7.8	11.1	10.8	24.95	85	-120	12 June	169	124	8	3	1	1	6	34	35	65	8	4.18	
	Worcester (Redhill)	99	190	14.2	6.2	10.2	-	31.1	-7.2	-	-	23.40	95	-92	12 June	150	118	-	4	-	-	-	28	47	91	-	4.01	
	Pershore (Institute of Horticulture)	99	130	14.2	5.1	9.7	-	30.6	-8.3	-	-	22.64	-	1.27	12 June	147	115	-	3	-	-	-	17	57	116	-	4.16	
	Pershore	21-9	114	14.2	6.1	10.1	-	31.8	-9.5	-	-	21.04	-	1.20	12 June	150	103	7	3	1	2	3	22	52	89	3	4.30	
Hereford	Halesowen	99	505	13.2																								

TABLE III (continued)—SUMMARY OF THE RECORDS OF TEMPERATURE, RAINFALL AND SUNSHINE AND OF WEATHER OBSERVATIONS, YEAR 1961

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		Maximum	Minimum	1ft.	4ft.	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.			Amount	Date							-0.1 in. (0.2 mm.) or more	-0.4 in. (1.0 mm.) or more													
G.M.T.	Max. Min.	ft.	°C	°C	°C	°C	°C	°C	°C	°C	°C	in.	%	in.													hr.	%		
5 ENGLAND, S.E.—cont.																														
Sussex	Thorney Island	21-9	10	14.7	7.5	11.1	—	29.2	-6.8	—	—	25.45	95	1.21	29 Jan	144	102	3	0	0	8	8	11	34	78	0	4.97	—		
	Bognor Regis	9 9	24	13.9	8.1	11.0	+0.6	25.6	-5.0	—	12.4	28.53	99	1.87	29 Jan	136	102	2	0	1	5	8	9	22	55	6	5.22	107		
	Littlehampton	9 9	15	14.3	7.7	11.0	+0.7	27.2	-5.0	—	12.1	31.86	113	1.81	29 Jan	136	112	2	0	3	0	5	6	30	—	2	5.24	107		
	Rustington	9 9	10	14.3	6.5	10.4	—	27.2	-6.1	—	11.3	29.58	—	1.47	29 Jan	140	101	—	0	—	—	—	13	35	93	—	4.60	—		
	Worthing	9 9	25	14.3	8.2	11.3	+0.7	26.1	-3.9	11.5	11.9	27.27	99	1.77	29 Jan	152	105	1	0	2	1	11	5	22	75	6	5.14	102		
	Brighton	9 9	32	14.1	8.4	11.3	—	28.3	-5.6	—	12.3	26.77	99	1.54	29 Jan	135	107	2	—	1	3	4	17	20	51	9	4.81	—		
	East Grinstead	9 9	440	15.0	5.6	10.3	—	32.2	-11.1	—	—	31.16	—	1.25	29 Jan	148	119	3	1	0	1	7	10	58	90	6	—	—		
	Seaford	9 9	45	14.1	7.6	10.9	—	28.3	-4.4	—	—	—	—	—	—	—	—	—	—	—	—	—	17	27	—	—	4.88	—		
	Eastbourne	9 9	35	13.9	8.4	11.1	+0.5	27.8	-3.3	12.1	12.6	32.01	104	1.57	29 Jan	146	116	2	—	0	1	7	11	16	60	7	5.42	108		
	Eastbourne (C/guard)	21-9	17	14.4	8.3	11.3	—	28.8	-3.9	—	—	30.56	—	1.08	3 Jan	140	112	1	0	3	1	2	11	28	59	10	—	—	—	
Berkshire	Bexhill	9 9	14	13.9	8.1	11.0	+0.7	29.0	-3.9	12.3	—	29.96	106	1.58	29 Jan	134	109	1	0	1	0	4	22	22	58	9	4.76	—		
	Sedlescombe	9 9	175	14.3	6.3	10.3	—	31.7	-6.7	—	—	33.22	—	1.38	29 Jan	172	119	1	0	5	0	9	10	43	98	15	—	—	—	
	Bodiam	9 9	73	15.0	6.0	10.6	—	30.6	-7.2	11.5	11.5	30.37	—	1.63	29 Jan	139	113	—	0	—	—	—	23	61	120	—	4.43	—		
	Hastings	9 9	149	13.9	8.3	11.1	+0.7	29.4	-3.9	11.9	12.3	28.52	100	1.22	29 Jan	144	106	4	0	5	1	11	13	19	53	12	4.98	102		
	Letcombe Regis	9 9	350	14.1	5.0	9.5	—	31.1	-12.2	—	—	25.40	—	1.40	29 Dec	161	117	6	1	1	0	4	20	67	—	2	—	—		
	Abingdon	21-9	210	14.5	6.3	10.4	—	31.8	-11.3	—	—	23.69	98	1.09	12 June	153	112	10	2	8	2	11	26	42	77	0	4.44	—		
	Woolhampton	9 9	370																											
	Shinfield	9 9	200	14.5	6.2	10.3	+0.4	30.0	-9.4	—	—	25.06	—	.87	12 June	158	112	3	1	5	0	11	43	52	93	15	4.43	—		
	Reading	9 9	148	14.8	6.8	10.8	+0.5	31.1	-7.8	11.4	11.5	25.90	101	.89	12 June	154	105	5	1	2	6	10	30	43	125	7	4.31	—		
	Reading S.T.G.	9 9	141	14.7	6.3	10.5	—	30.6	-9.4	—	—	25.89	107	.98	15 July	138	110	—	1	—	—	—	18	50	99	—	4.03	—		
Hampshire	Finchampstead	9 9	212	14.6	5.5	10.1	—	30.6	-11.1	10.9	11.1	24.21	—	.85	12 June	162	113	4	1	0	2	10	20	61	130	0	4.28	—		
	Hurley	9 9	140	14.6	5.9	10.3	—	30.6	-8.3	10.9	—	25.39	—	1.02	12 June	145	112	6	1	2	0	8	28	58	—	11	4.16	—		
	Bournemouth	9 9	130	14.2	7.3	10.7	+0.2	25.6	-7.2	11.3	11.5	30.90	99	1.33	29 Jan	155	117	3	1	3	1	10	17	31	62	1	4.93	105		
	Christchurch	9 9	9	14.7	6.7	10.7	—	26.7	-8.3	—	—	30.34	—	1.41	29 Jan	140	114	2	1	2	0	9	11	46	90	0	—	—		
	Ringwood	9 9	250	14.7	6.6	10.7	—	29.4	-7.2	11.1	11.4	30.85	—	1.39	25 Apl	158	119	3	1	5	2	10	13	37	—	1	—	—		
	Everton (Efford)	9 9	51	14.3	7.0	10.7	—	28.9	-7.2	—	—	29.37	—	1.38	29 Jan	139	113	2	1	3	2	8	10	29	69	1	5.06	—		
	Southampton	9 9	65	15.4	7.2	11.3	+0.7	30.6	-6.1	11.8	12.2	29.10	92	1.58	3 Sept	148	111	2	1	1	6	8	19	31	69	5	4.49	100		
	Leckford	9 9	385	14.2	5.7	9.9	—	28.9	-8.3	10.5	—	31.67	100	1.30	21 Oct	164	125	—	1	—	—	—	16	55	—	—	4.28	—		
	Winchester	9 9	124	15.0	5.6	10.3	—	30.6	-11.1	—	10.4	33.19	104	1.28	29 Jan	155	120	3	1	0	1	9	—	63	—	3	4.40	-8		
	Martyr Worthy	9 9	275	14.7	5.4	10.1	—	30.0	-10.6	—	—	30.14	—	1.07	29 Jan	152	117	1	1	0	2	5	8	57	102	2	4.46	—		
I. of Wight	Southsea	9 9	7	14.5	8.7	11.6	+0.5	26.1	-3.9	12.4	12.7	25.71	93	1.17	29 Jan	139	103	1	1	3	0	6	7	18	—	18	5.12	105		
	Hayling Island	9 9	13	14.1	8.0	11.1	—	27.2	-6.1	—	—	24.63	—	1.19	29 Jan	142	98	2	1	2	0	8	5	22	—	9	5.22	—		
	Long Sutton	9 9	512	14.1	6.0	10.1	+0.5	30.6	-9.4	10.7	—	29.75	95	1.34	29 Jan	147	115	4	1	1	1	9	49	40	—	2	—	—		
	Alice Holt Lodge	9 9	378	14.3	5.9	10.1	—	31.7	-9.4	—	—	30.18	97	1.32	29 Jan	168	120	3	1	5	0	12	17	55	119	0	4.26	—		
	S. Farnborough	21-9	226	14.6	6.5	10.5	+0.5	32.1	-12.4	—	—	26.06	97	1.45	1 Aug	152	104	7	1	2	1	11	22	42	67	3	4.19	96		
	St. Catherine's Pt.	9 9	51	13.6	8.6	11.1	+0.8	25.0	-3.0	—	—	35.99	122	3.24	3 Sept	152	117	5	—	2	6	14	9	12	—	23	—	—		
	Ventnor Park	9 9	443	14.0	8.4	11.2	—	25.0	-2.8	12.1	11.9	35.89	111	2.38	3 Sept	163	128	1	1	3	0	8	8	17	28	2	5.06	—		
	Shanklin	9 9	180	13.9	7.9	10.9	—	25.0	-5.0	—	—	37.33	—	2.52	3 Sept	153	113	3	1	1	7	10	16	21	—	4	5.48	—		
	Sandown	9 9	13	14.9	8.7	11.8	+1.0	26.1	-4.4	—	—	33.88	111	3.70	3 Sept	153	102	1	1	1	4	5	9	12	—	—	5.22	104		
	Ryde	9 9	15	14.7	8.6	11.7	+0.8	26.1	-2.8	—	—	32.35	108	1.89	3 Sept	153	114	—	1	—	—	—	6	12	—	—	5.16	106		
Wiltshire	Lacock (Lackham)	9 9	160	14.2	5.3	9.7	—	30.0	-10.0	—	—	25.39	—	.90	29 Dec	167	119	—	1	—	—	—	34	65	—	—	—	—		
	West Lavington	9 9	305	—	5.0	—	—	29.4	-11.1	—	—	25.13	81	1.15	29 Dec	163	114	—	1	—	—	—	17	57	—	—	—	—		
	Lynham	21-9	476	13.4	6.2	9.8	—	29.5	-10.0	—	—	26.91	93	1.07	12 June	155	118	7	1	8	2	13	33	49	90	0	4.54	—		
	Larkhill	9 9	431	13.9	5.9	9.9	+0.5	27.8	-8.9	—	—	26.25	93	1.18	25 Apl	158	109	3	1	1	2	12	20	52	91	0	—	—		
	Boscombe Down	21-9	414	14.0	5.9	9.9	—	28.2	-9.5	—	—	26.29	92	.96	25 Apl	150	107	6	1	3	0	10	18	53	103	6	4.35	—		
	Upavon	21-9	578	13.5	6.0	9.7	—	28.5	-7.6	—	—	28.14	—	1.04	13 Sept 29 Dec	162														

TABLE IV—SUMMARY OF OBSERVATIONS OF PRESSURE, TEMPERATURE, HUMIDITY, CLOUD, VISIBILITY AND WIND AT FIXED HOURS AT CERTAIN STATIONS DURING THE YEAR 1961

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	NO. OF OBSERVATIONS					NUMBER OF OBSERVATIONS					FORCE (0-12)							DIRECTION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
										Mean	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069	1070	1071	1072	1073	1074	1075	1076	1077	1078	1079	1080	1081	1082	1083	1084	1085	1086	1087	1088	1089	1090	1091	1092	1093	1094	1095	1096	1097	1098	1099	1100	1101	1102</

VISIBILITY. Entries are in italics where there is no visibility object within 10 per cent. of the correct distance.

H indicates that the means of relative humidity and vapour pressure have been computed from the daily values. (see notes on tables)

TABLE IV (continued) - SUMMARY OF OBSERVATIONS OF PRESSURE, TEMPERATURE, HUMIDITY, CLOUD, VISIBILITY AND WIND AT FIXED HOURS AT CERTAIN STATIONS DURING THE YEAR 1961

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	10-44	45-210	210-430	430-1,090	1,100-2,190	2,200-4,390	3-6 mi.	7-12 mi.	13-24 mi.	25 mi. or over	34 or more	Beaufort Force					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.							
																																6	4	1	3	Calms															
																																7	5	1	10	0															
																																						22 to 33	11 to 21	1 to 10	0										

3 ENGLAND, E.		G.M.T.	ft.	mb.	mb.	°C	°C	mb.	%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				</
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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 1961

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	8 or more	Beaufort Force				N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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TABLE V (continued) - WARMEST DAY AND NIGHT AND COLDEST DAY AND NIGHT IN THE YEAR 1961 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	
		°C		°C		°C		°C			°C		°C		°C		°C
0 SCOTLAND, N.-cont.									SCOTLAND, W.-cont.								
Lairg (Achany)	Aug. 29	25.6	July 1	13.9	Dec. 29	-7.8	Dec. 30	-17.8	Campbeltown	Sept. 9	21.7	Aug. 28, Sept. 3	13.3	Dec. 29	1.1	Dec. 31	-6.7
Strathly	Aug. 29	26.1	Aug. 29	15.0	Dec. 29	-1.7	Dec. 30	-13.3	Tarbert	-	-	Aug. 29, Sept. 3	14.4	-	-	Dec. 31	-10.0
Stornoway	Aug. 29	21.0	Aug. 29	13.8	Dec. 30	-0.9	Dec. 30	-11.2	(Achaglachgach)	-	-	Aug. 29, Sept. 2	14.4	-	-	Dec. 31	-7.8
Achnashellach	Aug. 29	27.2	Aug. 30	13.9	Dec. 29	(-5.6)	Dec. 30	-14.4	Lephimore	-	-	Aug. 29, Sept. 2	14.4	Dec. 29	-2.8	Dec. 31	-11.1
Kinlochewe	Aug. 29	28.9	Aug. 29	15.6	Dec. 29	-4.4	Dec. 30	-12.8	Glenbranter	Aug. 29	23.3	Aug. 29	14.4	Dec. 29	-0.6	Dec. 27,	-7.8
Tarbatness	Aug. 29	24.5	Aug. 29	14.5	Dec. 30	-5.5	Dec. 30	-9.0	Benmore	Aug. 29	23.9	Aug. 17, 30,	13.9	Dec. 29	-0.6	Dec. 31	-5.0
Benbecula	Aug. 29	20.0	Aug. 29	15.5	Dec. 29	-1.7	Dec. 30	-10.5	(Forestry Sch.)	Aug. 29	22.2	Aug. 29, Sept. 2	14.4	Dec. 29	0.0	Dec. 31	-4.4
Isle of Rhum	Aug. 28, 29	21.7	Aug. 29	16.1	Dec. 30	-1.7	Dec. 30	-8.3	Millport	Aug. 29	22.2	Sept. 2	15.6	Dec. 30	0.0	Dec. 31	-7.2
Prabost	Aug. 29	25.6	Aug. 29	14.4	Dec. 29	-2.8	Dec. 30,	-8.3	Helensburgh	Aug. 29	22.2	July 1, Aug. 29	13.9	Dec. 29	-1.7	Dec. 31	-8.3
							31		Stirling	Aug. 29	26.1	July 1	15.6	Dec. 21	-1.7	Dec. 31	-5.6
Duntulm	Aug. 29	23.9	Aug. 29	15.0	Dec. 28,	-1.1	Dec. 29	-6.1	Greenock	Aug. 29	25.0	Sept. 2	15.6	Dec. 25	-1.7	Dec. 31	-9.4
Onich	Aug. 29	25.6	Aug. 29, Sept. 2	13.9	Dec. 30	-3.9	Dec. 31	-11.1	Paisley	Aug. 29	25.6	Sept. 2	15.0	Dec. 25,	-1.7	Dec. 26,	-9.4
Fort William	Aug. 29	27.8	July 1, Aug. 29,	13.3	Dec. 30	-7.2	Dec. 31	-15.0	Barrhead	Aug. 29	25.4	July 1, Aug. 29	15.0	Dec. 7,	-1.6	Dec. 31	-9.8
(Camaghael)	Aug. 29	27.2	Sept. 2	14.4	Dec. 29,	-6.7	Dec. 30,	-16.7	Renfrew	Aug. 29	23.9	Aug. 29	15.6	Dec. 29,	-2.8	Dec. 31	-11.7
Fort Augustus	Aug. 29	27.2	July 1	14.4	Dec. 29,	-6.7	Dec. 30,	-16.7	Thorntonhall	Aug. 29	24.4	July 1, Sept. 2	15.0	Dec. 29,	-2.2	Dec. 31	-9.4
Cannich	-	-	June 29	12.8	-	-	Dec. 30	-22.2	Glasgow, Spr. Pk.	Aug. 29	24.4	July 1, Sept. 2	15.0	Dec. 29,	-2.2	Dec. 31	-11.1
Inverness	Aug. 29	26.7	July 1	14.4	Dec. 29	-5.0	Dec. 30,	-11.1	Coatbridge	Aug. 29	25.6	July 1, Sept. 2	15.0	Dec. 29	-2.2	Dec. 31	-11.1
Achnagoichan	Aug. 29	25.0	Aug. 29	15.0	Dec. 29	-7.2	Dec. 30	-19.4	Coalburn (Midtown)	Aug. 29	25.2	Aug. 29	14.5	Dec. 30	-3.6	Dec. 31	-14.5
Glenmore Lodge	Aug. 29	25.0	Aug. 29	15.0	Dec. 29	-7.3	Dec. 31	-18.0	Lowther Hill	Aug. 29	20.0	Sept. 2	12.8	Dec. 29	-6.0	Dec. 31	-11.5
SCOTLAND, E.									Leadhills	Aug. 29	25.6	Aug. 29, Sept. 2	13.9	Dec. 30	-4.4	Dec. 31	-15.0
Nairn	Aug. 29	27.8	Aug. 29	14.4	Dec. 3	-1.1	Dec. 30	-12.2	Carnwath	Aug. 29	25.0	-	Dec. 30	-3.3	-	-	-
Grantown-on-Spey	Aug. 29, 30	25.0	Aug. 29	13.9	Dec. 3	(-5.0)	Dec. 31	(-15.0)	Turnberry	Aug. 29	23.9	Aug. 29	15.0	-	-	-	-
Forres	Aug. 29	26.7	Aug. 29	16.7	Dec. 29	-5.6	Dec. 31	-16.7	Barr	Sept. 1	23.9	Sept. 3	13.9	Dec. 29,	-1.7	Dec. 31	-15.0
Kinloss	Aug. 29	27.1	July 1	15.9	Dec. 30	-6.8	Dec. 30	-16.0	Auchincruive	Aug. 29	24.4	Aug. 29	15.6	Dec. 24,	0.0	Dec. 31	-10.6
Elgin	Aug. 29	27.2	Aug. 29	16.1	Dec. 29	-3.3	Dec. 30	-11.1	Prestwick Airport	Aug. 29	25.4	Aug. 29	17.3	Dec. 29	-0.8	Dec. 31	-10.3
Lossiemouth	Aug. 29	26.7	June 25, July 1	13.9	Dec. 29	-0.6	Dec. 30	-15.0	Kilmarnock	-	-	Aug. 29	16.1	-	-	Dec. 31	-10.0
Gordon Castle	Aug. 29	26.7	July 1	13.3	Dec. 29	-2.8	Dec. 30	-16.1	Moniaive	Aug. 29	24.4	Sept. 3	13.9	Dec. 7,	-1.7	Dec. 31	-11.7
Braemar	Aug. 29	24.4	July 1, Aug. 28	12.2	Dec. 29	-8.9	Dec. 30	-15.0	(Dalmacallan)	Aug. 29	24.4	Sept. 3	13.9	Dec. 7,	-1.7	Dec. 31	-10.0
Balmoral	Aug. 29	25.0	July 1	13.3	Dec. 29	-6.1	Dec. 30	-13.9	Dumfries	Aug. 29	25.6	July 1	14.4	Jan. 14	-1.1	Dec. 31	-10.0
Logie Coldstone	Aug. 29	25.6	-	-	Dec. 29	-5.6	Dec. 27	-13.3	Eskdalemuir	Aug. 29	24.8	Sept. 5	13.3	Dec. 7	-4.5	Dec. 31	-18.5
Fyvie Castle	Aug. 29	23.3	Aug. 29	15.6	Dec. 29	-3.3	Dec. 27	-7.8	Bargrennan	Aug. 29	22.2	Aug. 29, Sept. 2,	13.3	Dec. 30	-0.6	Dec. 31	-12.8
Craigstone	July 1	22.8	July 1, Aug. 29	14.4	Dec. 29	-3.3	Dec. 30	-11.2	Palnure	Sept. 1, 2	22.8	Aug. 29, Sept. 2	15.0	Dec. 30	0.0	Dec. 31	-14.4
Dyce	July 1	23.6	Aug. 29	14.7	Dec. 30	-4.4	Dec. 29	-7.2	Glenlee	Aug. 29	25.0	Sept. 3	13.9	Dec. 30	-1.1	Dec. 31	-15.0
Aberdeen	July 1	23.9	July 1, Aug. 29	14.4	Dec. 29	-3.3	Jan. 16	-7.2	Carsphairn	Aug. 29	23.9	Sept. 3	13.3	Dec. 29,	-1.1	Dec. 31	-16.1
Udny	Aug. 29	22.8	Aug. 5, 29	13.9	Dec. 29	-3.9	Dec. 30	-10.0	(Dundee)	Aug. 29	23.9	Sept. 3	14.4	Dec. 24, 29	0.0	Dec. 31	-12.2
Rattray Head	July 1	21.7	Aug. 29	14.8	Dec. 3	-1.5	Dec. 4	-8.9	Glenloch Barrage	Aug. 29	24.4	July 1, Sept. 3	14.4	Dec. 24,	-0.6	Dec. 31	-12.8
Fettercairn	July 1	22.8	Sept. 2	13.3	Dec. 29	-3.9	Dec. 29	-7.8	Castle Douglas	Aug. 29	24.4	July 1, Sept. 3	14.4	Dec. 24,	-0.6	Dec. 31	-12.8
Muchalls	July 1	23.3	Aug. 29	13.9	Dec. 29	-3.9	Dec. 30	-7.8	Stranraer	Sept. 1	21.1	Sept. 2	14.4	Dec. 30	-2.2	Dec. 25	-11.7
Dundee (Mynefield)	Aug. 29	26.7	June 25, July 1	13.9	Dec. 29,	-1.7	Dec. 30,	-7.8	(Penwhirln)	June 23	19.5	Aug. 29	15.0	Dec. 29	0.4	Dec. 30	-6.0
							27, 31		Mull of Galloway	June 23	19.5	Aug. 29	15.0	Dec. 29	0.4	Dec. 30	-6.0
Auchterhouse	Aug. 29	24.4	Sept. 2	13.3	Dec. 29	-3.3	Dec. 27	-8.3	ISLE OF MAN	Sept. 1	21.1	Aug. 4	16.1	Dec. 24,	1.4	Dec. 31	-9.1
Dundee	Aug. 29	25.6	July 1	14.4	Dec. 29	-1.7	Dec. 31	-7.2	Ronaldsway	Sept. 1	21.1	Aug. 4	16.1	Dec. 24,	1.4	Dec. 31	-9.1
Glamis Castle	Aug. 29	26.1	July 8	13.3	Dec. 29	-2.2	Dec. 31	-10.6	Douglas	Sept. 1, 2	21.7	Sept. 2	15.6	Dec. 30,	1.1	Dec. 31	-6.1
Buddon Ness	June 30, July 1,	21.7	June 25	13.9	Dec. 29	-2.2	April 4	-10.6	Point of Ayre	Aug. 29	23.0	Aug. 29	15.4	Dec. 24,	2.0	Dec. 27,	-4.4
Carnoustie	Aug. 16	23.3	June 25	14.4	Dec. 29,	-1.7	Dec. 31	-7.8	ENGLAND, N.E.	Aug. 29	26.1	July 8, Aug. 28	12.8	Dec. 27	-2.8	Dec. 31	-17.2
Arbroath	July 1	22.2	Aug. 28	13.3	Dec. 29	-2.2	Dec. 27	-6.7	Kielder Castle	Sept. 1	25.6	June 25, July 1	12.8	Dec. 24,	-1.1	Dec. 31	-12.2
Montrose	July 1	24.4	July 1	14.4	Dec. 29	-2.8	Dec. 27	-7.2	Bellingham	Sept. 1	26.7	June 25	15.0	Dec. 7,	-1.7	Dec. 31	-16.7
Strathrye	-	-	July 1	13.9	-	-	Dec. 31	-13.9	Haydon Bridge	Sept. 1	26.7	June 25	15.0	Dec. 7,	-1.7	Dec. 31	-16.7
Callander	Aug. 29	23.9	Sept. 3	13.9	Dec. 29	-1.7	Dec. 30,	-10.6	Berwick-on-Tweed	June 30,	24.4	July 1	15.6	Dec. 19	-0.5	Dec. 31	-10.0
							31		Ponteland	Aug. 29	26.7	June 17, Sept. 16	13.3	Dec. 26	-0.5	Dec. 31	-12.8
Loch Tay	Aug. 29	25.0	Sept. 2	14.4	Dec. 29	-3.3	Dec. 30	-8.9	Cockle Park	Sept. 1	25.0	June 25	13.9	Dec. 7,	0.6	Dec. 31	-8.3
(Ardtains)	-	-	July 1	13.3	-	-	Dec. 30	-11.7	Acklington	June 30	25.5	June 25	14.7	Dec. 25	-1.4	Dec. 31	-8.9
Pitlochry	-	-	July 1	13.9	Dec. 29	-3.3	Dec. 4	-10.6	Tynemouth	June 30	26.0	Aug. 26	16.0	Dec. 28	-1.0	Dec. 31	-6.7
Pitlochry (Faskally)	Aug. 29	25.6	July 1	13.9	Dec. 30	-1.7	Dec. 31	-10.0	Chopwellwood	June 30	26.1	July 1	15.0	Dec. 27,	0.0	Dec. 25	-11.7
Dunning	Aug. 29	26.7	July 1	15.0	Dec. 30	-2.2	Dec. 31	-13.9	Ushaw College	June 30	25.6	July 1	15.0	Dec. 24	-0.5	Dec. 31	-8.9
Perth	Aug. 29	27.2	July 1	13.3	Dec. 29												

TABLE V (continued) - WARMEST DAY AND NIGHT AND COLDEST DAY AND NIGHT IN THE YEAR 1961 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		
3	ENGLAND, E.-cont.			°C		°C		°C	4	MIDLAND COUNTIES-cont.			°C		°C		°C	
	Marham	July 1	31.3	July 2	16.4	Dec. 28	-3.0	Dec. 28	-10.5	Aylesbury	July 1, Aug. 29	29.4	July 2	17.2	Dec. 25	-1.1	Dec. 29	-10.6
	Santon Downham	July 1	33.3	July 26, Sept. 16, 24	15.6	Dec. 28	-1.7	Dec. 29	-16.1	Keele	Aug. 29	28.9	Sept. 16	16.7	Dec. 28	-3.3	Dec. 29	-7.8
	West Raynham	July 1	30.8	Aug. 30	15.6	Dec. 28	-4.0	Dec. 29	-9.1	Oaken	Aug. 29	29.4	Sept. 16	17.8	Dec. 28	-3.9	Dec. 25,	-7.8
	Cromer	June 30	28.3	July 2	16.7	Dec. 28	0.6	Dec. 29	-9.4	Wheaton Aston	Aug. 29	29.4	Sept. 16	16.7	Dec. 28	-4.4	Dec. 28	-8.3
	Sproston	July 1	32.8	July 2, 26, Aug. 30, Sept. 16, 24	15.6	Dec. 28	-1.7	Dec. 29	-8.3	Stone	Aug. 29	28.3	Sept. 16	16.7	Dec. 28	-4.4	Dec. 28	-8.3
	Burlingham	July 1	30.6	July 26, Aug. 30, Sept. 16, 24	15.6	Dec. 28	-1.1	Dec. 29	-8.3	Penkridge	Aug. 29	29.4	Sept. 16	17.2	Dec. 28	-2.8	Dec. 29	-8.9
	Gorleston	June 25	28.1	Aug. 30	17.4	Jan. 26	-0.5	Dec. 29	-5.0	Onecote	June 30, Aug. 29	25.0	Sept. 2, 16	15.0	Dec. 24	-3.3	Dec. 29	-8.9
	Mildenhall	July 1	33.2	July 2, Sept. 16	16.0	Dec. 28	-2.5	Dec. 29	-10.6	Oswestry	Sept. 2	27.8	Sept. 16	17.8	Dec. 18	-2.2	Dec. 28	-8.9
	East Bergholt	July 1	32.8	Sept. 19	16.7	Dec. 23	0.6	Dec. 29	-9.4	Shrewsbury	Aug. 29	29.4	Sept. 16	17.8	Dec. 28	-3.9	Dec. 28,	-10.0
	Wattisham	-	-	-	-	Dec. 28	-2.2	Dec. 28,	-6.7	Shawbury	Aug. 29	29.8	Sept. 16	17.9	Dec. 28	-3.9	Dec. 28	-11.8
	Felixstowe	July 2	29.6	July 2	19.0	-	-	-	-	Newport	Aug. 29	29.4	Sept. 16	17.8	Dec. 28	-4.4	Dec. 26	-10.0
	Lowestoft	June 24, 25	27.8	July 2	17.2	Dec. 23	0.6	Dec. 29	-5.6	Malvern	Aug. 29	31.1	Sept. 3, 16	17.2	Dec. 18	-2.8	Dec. 29	-7.8
	Boxworth	July 1	31.1	Sept. 16	16.1	Dec. 28	-2.8	Dec. 29	-8.9	Worcester (Redhill)	Aug. 29	31.1	Sept. 16	17.2	Dec. 28	-2.8	Dec. 28	-7.2
	Cambridge Bot.Gdn.	July 1	32.6	July 2, Sept. 16	16.1	Dec. 28	-1.1	Dec. 29	-9.4	Pershore (Institute of Horticulture)	Aug. 29	31.8	Sept. 16	17.7	Dec. 18,	-2.8	Dec. 28	-8.3
	Cambridge N.I.A.B.	July 1	32.2	Sept. 16	16.7	Dec. 28	-1.7	Dec. 25,	-8.3	Pershore	Aug. 29	31.8	Sept. 16	17.7	Dec. 18	-3.8	Dec. 31	-9.5
	Wyton	July 1	31.1	Sept. 16	16.5	Dec. 28	-1.6	Dec. 29	-10.3	Halesowen	Aug. 29	29.4	Sept. 16	16.7	Dec. 28	-3.9	Dec. 29	-10.6
	Woburn	July 1, Aug. 29	30.0	Sept. 16	17.2	Dec. 18,	-2.8	Dec. 29	-10.0	Lyonshall	Aug. 29, Sept. 2	28.9	Sept. 16	16.7	Dec. 28	-3.9	Dec. 29	-8.9
	Coldington	July 1	31.7	Sept. 16	17.2	-	-	-	-	Ross-on-Wye	Aug. 29	30.3	Sept. 19	17.5	Dec. 28	-2.9	Dec. 28	-7.3
	Luton	July 1	31.7	July 2	17.2	Dec. 25,	-1.1	Dec. 25,	-7.8	Preston Wynne	Aug. 29	30.6	Sept. 16	17.2	Dec. 18	-2.8	Dec. 28	-8.9
	Silsoe	July 1	31.1	Sept. 16	17.2	Dec. 28	-2.2	Dec. 29	-10.6	Bristol (Filton)	Aug. 29	30.1	Sept. 16	17.2	Dec. 28	-4.4	Dec. 31	-8.5
	Cardington	Aug. 29	30.9	Sept. 16	16.8	Dec. 28	-3.3	Dec. 29	-10.6	Ruscombe	Aug. 29	28.9	Sept. 16	15.6	Dec. 18,	-1.7	Dec. 29	-7.8
	Letchworth	July 1	32.2	Sept. 16	17.2	Dec. 18,	-2.2	Dec. 25	-8.9	Gloucester (Hempsted)	Aug. 29	30.6	Sept. 16	18.3	Dec. 28	-2.8	Dec. 28	-7.2
	Bovingdon	July 1	30.8	July 2	17.5	Dec. 28	-1.9	Dec. 28,	-9.3	Cirencester	Aug. 29	29.4	Sept. 16	16.7	Dec. 31	-2.2	Dec. 29	-8.9
	Garston	July 1	32.2	July 2	16.7	Dec. 31	0.0	Dec. 29	-8.3	Little Rissington	Aug. 29	29.1	Sept. 16	15.7	Dec. 28	-3.3	Dec. 28	-7.9
	Rothamsted	July 1	31.7	July 2, Sept. 16, 19	15.6	Dec. 23,	-0.5	Dec. 29	-8.9	5 ENGLAND, S.E.								
	St. Albans	July 1	32.8	July 2, Sept. 16	15.6	Dec. 31	0.0	Dec. 29	-8.9	Kensington	July 1	33.3	July 2	18.9	Dec. 25	0.6	Dec. 25,	-3.9
	Stanstead Abbots	July 1	32.8	July 11, Aug. 4, Sept. 16	16.1	Dec. 28	0.6	Dec. 29	-8.9	Hampstead	July 1	32.8	July 2	19.4	Dec. 24,	0.0	Dec. 19,	-5.0
	Hoddesdon	July 1	32.8	Aug. 30	16.7	Jan. 25, Dec. 26, 28	1.1	Dec. 29	-7.8	Westminster	July 1	33.3	July 2	19.4	Dec. 24,	1.1	Dec. 28	-3.9
	Eastwick Lodge	July 1	32.8	Sept. 16, 19	16.1	Dec. 23,	0.6	Dec. 29	-8.3	Regent's Park	July 1	33.9	July 2	18.9	Dec. 23	0.6	Dec. 28	-6.1
	Stansted	July 1	32.3	July 2	16.6	Dec. 28	-1.8	Dec. 28	-8.1	Camden Square	July 1	33.9	July 2	20.0	Dec. 23,	1.1	Dec. 25,	-3.9
	Writtle	July 1	32.8	June 18, Sept. 19	16.1	Dec. 18,	0.6	Dec. 29	-7.2	Greenwich (Mari- time Museum)	July 1	33.3	Aug. 5, 30	17.2	Dec. 18,	0.6	Dec. 25	-5.0
	Coryton	July 1	32.2	July 2	18.9	Dec. 31	1.1	Dec. 18	-3.9	London Airport	July 1	33.8	July 2	17.9	Dec. 28	-0.6	Dec. 31	-9.4
	Southend	July 1	31.1	July 2	20.0	Dec. 31	1.1	Dec. 7	-3.3	Hampton	July 1	32.8	July 2	17.8	Dec. 25,	0.6	Dec. 28	-6.1
	Maldon	July 1	29.4	July 2	17.8	Dec. 28	0.6	Dec. 28	-6.7	Wealdstone	July 1	33.3	July 2	18.9	Dec. 23	0.6	Dec. 29	-5.0
	Earls Colne	July 1	32.2	July 11, Sept. 5, 19, 24	15.6	Dec. 23,	(0.6)	Dec. 29	-7.8	Southgate	July 1	33.3	July 2	18.9	Dec. 23	0.6	Dec. 29	-5.0
	Shoeburyness	July 2	28.9	Aug. 5	17.8	Dec. 28	0.1	Dec. 28	-4.4	Wisleigh	July 1	33.3	Aug. 5	16.7	Dec. 19	-0.6	Dec. 28	-8.3
	Clacton	June 24	27.2	July 2	18.3	Dec. 23	0.6	Dec. 29	-3.3	Mickleham	July 1	32.2	Aug. 5	16.7	Dec. 24	-0.6	Dec. 27	-11.1
	Dovercourt	July 2	28.3	Sept. 16, 19	17.2	Dec. 23	1.1	Dec. 29	-7.2	Kew Observatory	July 1	31.7	July 2	18.0	Dec. 28	-0.8	Dec. 28	-3.9
4	MIDLAND COUNTIES									Gatwick	July 1	33.2	Aug. 5	16.1	Dec. 28	-0.7	Dec. 28	-9.6
	Sladburn	Aug. 29	26.7	Aug. 29	13.9	Dec. 7	-1.7	Dec. 31	-8.3	Croydon (Waddon)	July 1	32.8	July 2	17.8	Dec. 24	-0.6	Dec. 25	-8.3
	Malham Tarn	Sept. 2	24.4	Sept. 2, 3	13.3	Dec. 31	-2.8	Dec. 31	-8.3	Addington	July 1	32.2	July 2	19.4	Dec. 24	-1.1	Dec. 25	-6.7
	Bingley	Aug. 29	26.7	July 1, Sept. 16	15.0	Dec. 24,	-1.1	Dec. 7	-7.2	Bromley	July 1	33.3	July 2	18.3	-	-	-	-
	Huddersfield	Aug. 29	28.9	July 1, Sept. 16	16.1	Dec. 18,	-1.1	Dec. 27,	-9.4	Swanley	July 1	32.8	Aug. 5	16.7	Dec. 24	0.0	Dec. 18,	-7.2
	Huddersfield (Oakes)	June 30	27.8	Sept. 16	16.3	Dec. 31	-3.5	Dec. 25	-7.6	Dartford	July 1	33.9	Aug. 5, 30	17.2	Dec. 23,	1.1	Dec. 18,	-6.7
	Bradford	Aug. 29	28.3	July 1, Sept. 16	15.6	Dec. 28,	-2.2	Dec. 7,	-6.7	Tunbridge Wells	July 1	31.7	Aug. 5, 30	16.1	Dec. 24	-1.1	Dec. 7	-6.7
	Ilkley	Aug. 29	28.3	Sept. 16	15.6	Dec. 28	-2.8	Dec. 25	-8.3	Goudhurst	July 1	32.2	Aug. 5	16.1	Dec. 24	-1.1	Dec. 25	-9.4
	Sheffield	Aug. 29	29.4	July 1	17.2	Dec. 28	-2.2	Dec. 25,	-7.2	East Malling	July 1	33.3	Aug. 5, Sept. 24	16.7	Dec. 24	0.0	Dec. 25	-8.9
	Wakefield	Aug. 29	29.4	Sept. 16	16.7	Dec. 28	-3.3	Dec. 25,	-8.9	Gillingham	July 1	33.9	Aug. 5, Sept. 24	16.7	Dec. 24	1.1	Dec. 18	-6.1
	Pontefract	Aug. 29	28.3	July 1, Sept. 16	16.1	Dec. 28	-3.9	Dec. 28	-10.0	Sittingbourne	July 1	32.2	July 1, Aug. 30	17.2	Dec. 27	0.6	Dec. 25,	-7.8
	Bramham	June 30, Aug. 29	28.3	Sept. 16	15.6	Dec. 28	-1.7	Dec. 28,	-8.3	Isle of Grain	July 2	31.7	Aug. 30	16.7	Dec. 23,	1.1	Dec. 25	-3.3
	Cawood	Aug. 29	28.3	Sept. 16	15.6	Dec. 28	-5.0	Dec. 29	-7.8	Throwley	July 1	31.1	July 2	17.2	Dec. 24,	-1.1	Dec. 25	-7.2
	Askham Bryan	Aug. 29	29.4	July 11, Sept. 16	15.6	Dec. 28	-5.0	Dec. 25,	-7.2	Faversham	July 1	32.8	Aug. 30	17.2	Dec. 24	-0.6	Dec. 25	-8.9
	Buxton	Aug. 29	26.7	July 1, Sept. 16	15.6	Dec. 28	-3.9	Dec. 28	-12.2	Dungeness	July 1	28.6	Sept. 19, 27	17.0	-	-	-	-
	Chapel en le Frith	Aug. 29	27.8	Sept. 3	15.0	Dec. 28	-3.9	Dec. 28	-11.1	Wye	July 1	32.2	July 11	20.6	Dec. 23	0.0	Dec.	

TABLE V (continued) - WARMEST DAY AND NIGHT AND COLDEST DAY AND NIGHT IN THE YEAR 1961 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. Letcombe Regis	Aug. 29	31.1	July 2, Sept. 16	16.1	Dec. 18	-2.2	Dec. 29, 30	-12.2	8a	SOUTH WALES Aberporth	Sept. 1	28.6	Aug. 29	18.1	Dec. 28	-1.4	Dec. 28	-5.4	
	Abingdon	Aug. 29	31.8	July 2	18.3	Dec. 28	-3.4	Dec. 28	-11.3		Aberystwyth	Sept. 1	30.6	Aug. 29	18.3	Jan. 25, 27	2.2	Dec. 28	-7.2	
	Woolhampton	July 1	30.6	July 2	17.2						Aberystwyth P.B.S. Gogerddan	Sept. 1	30.0	Sept. 2	17.2	Dec. 23, 27	-1.1	Dec. 28	-7.8	
	Wallingford	-	-	-	Dec. 18	-2.2	Dec. 28	-11.1				Sept. 1	31.1	Sept. 1, 2	17.2	Dec. 31	-1.1	Dec. 28, 31	-10.0	
	Shinfield	Aug. 29	30.0	July 2	16.7	Dec. 24, 25	0.0	Dec. 28	-9.4		Swyddffynnon	Sept. 1, 3	29.4	Aug. 29	16.7	Dec. 31	-3.9	Dec. 28, 29, 31	-10.6	
	Reading	Aug. 29	31.1	July 2	17.8	Dec. 31	0.0	Dec. 28, 29	-7.8		Trawscoed	Sept. 1	30.0	Aug. 29	17.8	Jan. 25, 28	1.7	Dec. 28	-10.6	
	Reading S.T.G.	July 1, Aug. 29	30.6	July 2, Aug. 5	16.7	Dec. 31	0.0	Dec. 28	-9.4		Llŷty-ewan-hen	Sept. 1	28.9	Sept. 2	17.2	Dec. 31	-1.1	Dec. 28, 31	-6.7	
	Finchampstead	July 1	30.6	Sept. 16	15.6	Dec. 25	-0.6	Dec. 28	-11.1		Dale Fort	Sept. 1	22.8	Sept. 2	16.7	Dec. 24	1.1	Dec. 28, 29	-3.9	
	Hurley	July 1, Aug. 29	30.6	July 2	17.2	Dec. 25	0.6	Dec. 28, 29	-8.3		Brawdy	Sept. 1	24.4	Aug. 29	16.1	Dec. 24	-1.1	Dec. 28	-7.2	
	Bournemouth	Aug. 30	25.6	July 2	18.3	Dec. 24, 25, 31	0.0	Dec. 28, 29	-7.2		Milford Haven	Sept. 1	23.9	Sept. 2	17.2	Dec. 24	0.0	Dec. 28	-6.7	
	Christchurch	Aug. 29	26.7	July 2, Sept. 16	17.2	Dec. 31	0.0	Dec. 28	-8.3		Haverfordwest	Aug. 29, Sept. 1, 2	24.4	Aug. 29, Sept. 2	16.7	Dec. 28	0.6	Dec. 28	-8.9	
	Ringwood	Aug. 29	29.4	July 2	17.8	Dec. 24, 31	-0.6	Dec. 28	-7.2		Llandrindod Wells	Sept. 1	29.4	Sept. 16	16.7	Dec. 28	-2.8	Dec. 19	-10.0	
	Everton (Efford)	Aug. 29	28.9	July 2	17.2	Dec. 25, 31	0.0	Dec. 28	-7.2		Llwynon	Sept. 2	27.2	Sept. 16	16.1	Dec. 24	-2.2	Dec. 28	-11.7	
	Southampton	July 1	30.6	July 2	19.4	Dec. 24	0.6	Dec. 28	-6.1		Mumbles	Sept. 2	24.0	Sept. 2	18.4	Dec. 28	-1.5	Dec. 28	-4.0	
	Leckford	July 1, Aug. 29, Sept. 1, 2	28.9	July 2	17.2	Dec. 24, 25	-1.1	Dec. 28	-8.3		Swansea	Aug. 29	26.1	Sept. 2	18.3	Dec. 24, 28	1.1	Dec. 28, 29	-5.6	
	Winchester	July 1	30.6	July 1	18.9	Dec. 24	-0.6	Dec. 28	-11.1		Port Talbot	Aug. 29	28.3	Sept. 2	20.6	Dec. 24	0.6	Dec. 28	-8.9	
	Martyr Worthy	July 1	30.0	July 2, Aug. 5	16.7	Dec. 24	-1.1	Dec. 28	-10.6		Neath	Aug. 29, Sept. 1	28.3	Aug. 29	18.9	Dec. 24	0.0	Dec. 28, 29	-8.3	
	Southsea	Aug. 30	26.1	July 2	19.4	Dec. 24	-0.6	Dec. 25, 26, 28, 29	-3.9		Rhoose	Aug. 29	27.6	Sept. 16	16.8	Dec. 28	-2.1	Dec. 28	-6.9	
	Hayling Island	Aug. 29	27.2	July 2	18.3	Dec. 24	-0.6	Dec. 28	-6.1		Cardiff	Aug. 29	29.4	Sept. 16	17.2	Dec. 24, 25	-1.1	Dec. 29	-6.1	
	Long Sutton	July 1	30.6	July 1	18.3	Dec. 30	-1.1	Dec. 28	-9.4		Tredegar	July 1	27.2	July 2	16.1	Dec. 24	-3.3	Dec. 28	-10.0	
	Alice Holt Lodge	July 1	31.7	Aug. 5	16.1	Dec. 24, 25	-0.6	Dec. 28	-9.4		Newport	-	-	Sept. 16	17.2	Dec. 28	-2.2	Dec. 29	-6.1	
	S. Farnborough	July 1	32.1	July 2	17.0	Dec. 28	-2.9	Dec. 31	-12.4		Usk	Aug. 29	28.9	Sept. 16	17.8	Dec. 28	-2.8	Dec. 28	-7.2	
	St. Catherine's Pt.	July 1, Aug. 29	25.0	Sept. 20	19.0	Dec. 23	2.0	Dec. 28	-3.0		Crumblant	Aug. 29	27.8	July 1	16.1	Dec. 31	-3.3	Dec. 29	-8.3	
	Ventnor Park	Aug. 29, 30	25.0	July 2	18.3	Dec. 31	0.6	Dec. 28	-2.8		Plantation									
	Shanklin	July 1, Aug. 30	25.0	July 2	17.8	Dec. 31	0.6	Dec. 28	-5.0		8b	ENGLAND, S.W. Hawkridge	Aug. 29	25.6	July 2, Sept. 2, 16	15.0	Dec. 24	-3.3	Dec. 24	-6.7
	Sandown	Aug. 30	26.1	July 2	18.9	Dec. 25	1.7	Dec. 28	-4.4		(Liscombe)	Aug. 29	29.4	Sept. 16	18.3	Dec. 24, 25, 28	-0.5	Dec. 28	-8.3	
	Ryde	July 1	26.1	July 2	18.9	Dec. 24	0.6	Dec. 25	-2.8		Cannington	Aug. 29	29.4	Sept. 16	17.8	Dec. 18, 28	-1.1	Dec. 29	-7.2	
	Lacock (Lackham)	Aug. 29	30.0	Sept. 16	17.2	Dec. 18	-2.2	Dec. 28	-10.0		Weston-s-Mare	Aug. 29	29.4	Sept. 16	17.8	Dec. 28	-1.7	Dec. 28	-7.2	
	West Lavington	June 30	29.4	Sept. 16	16.1	Dec. 18	-2.8	Dec. 28	-11.1		Long Ashton	Aug. 29	29.4	Sept. 16	17.8	Dec. 28	-1.7	Dec. 28, 29	-8.3	
	Lynham	Aug. 29	29.5	Sept. 16	16.5	Dec. 28	-5.6	Dec. 28	-10.0		Bath (City Boys' School)	Aug. 29	30.0	Sept. 16	17.2	Dec. 24	-1.1	Dec. 28, 29	-8.3	
	Larkhill	June 30, Aug. 29	27.8	July 2	16.7	Dec. 31	-1.6	Dec. 29	-8.9		Bath	Aug. 29	30.6	Sept. 16	17.8	Dec. 25	-1.1	Dec. 28	-10.0	
	Boscombe Down	Aug. 29	28.2	July 2	17.1	Dec. 28	-3.4	Dec. 28	-9.5		Portsmouth Bill	July 1, Sept. 3	21.6	July 2	17.4	Dec. 28	2.0	Jan. 26	-3.0	
	Upavon	Aug. 29	28.5	July 2	17.3	Dec. 28	-4.1	Dec. 28, 29	-7.6		Weymouth	Aug. 30	26.1	July 2	17.8	Dec. 31	1.7	Dec. 28, 29	-4.4	
	Porton	June 30	28.3	July 2	17.4	Dec. 24	-1.2	Dec. 28	-11.3		Shaftesbury	Sept. 2	27.2	July 1, 2, Sept. 16	16.1	Dec. 24	-2.2	Dec. 29	-8.9	
7a	ENGLAND, N.W. Sellafield	Aug. 29, Sept. 2	25.6	July 12	15.0	Dec. 31	0.6	Dec. 31	-8.3		Swanage	Aug. 30	25.0	Sept. 16	17.8	Dec. 31	1.1	Dec. 28	-5.6	
	Carlisle	Aug. 29	27.7	Sept. 5	14.3	Dec. 31	-4.6	Dec. 31	-13.9		Poole	Aug. 30	27.8	July 2, Sept. 16	16.7	Dec. 24, 25	0.6	Dec. 28	-6.7	
	Newton Rigg	Sept. 1, 2	26.7	Aug. 29	16.1	Dec. 27	-2.2	Dec. 31	-14.4		Hartland Pt.	Aug. 29	25.4	Sept. 16	17.3	Dec. 28	-0.5	Dec. 28	-5.6	
	Spadeadam	Aug. 29	25.6	Aug. 29	13.9	Dec. 29	-1.7	Dec. 31	-14.4		Plymouth (Mt. Batten)	Aug. 29	25.1	July 2	17.1	Dec. 28	2.3	Dec. 28	-3.8	
	Ambleside	Sept. 1	27.8	July 12	15.0	Dec. 21	-2.2	Dec. 31	-13.3		Plymouth (The Hoe)	Sept. 2	26.1	Sept. 1	16.7	Jan. 25, Dec. 27	2.8	Jan. 5, Feb. 20, Dec. 7, 28	-1.1	
	Moor House	Aug. 29, Sept. 1	23.9	Aug. 29	13.3	Dec. 24	-4.4	Dec. 31	-15.0		Chivenor	Aug. 29	28.6	Sept. 19	17.6	Dec. 25	-0.1	Dec. 28	-7.4	
	Barrow-in-Furness	Sept. 2	26.7	Aug. 29	16.7	Dec. 31	0.0	Dec. 31	-8.9		Ilfracombe	Aug. 29	28.9	Sept. 1, 16	18.3	Dec. 28	-1.7	Dec. 28	-6.1	
	Squires Gate	Aug. 29	28.1	Sept. 16	17.1	Dec. 31	-3.4	Dec. 31	-9.6		Totnes	July 1	28.9	July 2, Aug. 5, Sept. 16	16.7	Dec. 27, 28	2.2	Dec. 7, 8, Mar. 20	-5.0	
	Urswick	Sept. 1, 2	27.2	Aug. 29	15.6	Dec. 28	-1.1	Dec. 31	-13.9		Slapton	July 1	25.0	July 2	17.2	Jan. 25, Dec. 27	3.3	Dec. 28	-2.2	
	Poulton-le-Fylde	-	-	Aug. 29	16.1	Dec. 28, 31	-1.7	Dec. 26	-8.9		Newton Abbot	July 1	27.8	July 2	16.7	Dec. 24	1.1	Dec. 28	-5.0	
	Grizedale	Sept. 1, 2	26.7	Sept. 3	15.6	Dec. 28, 31	-1.7	Dec. 31	-13.3		Paignton	June 25	25.6	July 2, Sept. 16	17.2	Jan. 25, Dec. 31	3.3	Dec. 28, 29	-3.3	
	Speke	Aug. 29	28.2	Sept. 16	17.8	Jan. 14, 15	0.5	Dec. 28	-8.8		Torquay	July 1, 7	25.0	July 2	17.2	Dec. 25	2.8	Dec. 28	-2.8	
	Kirkham	Aug. 29	28.3	Aug. 29, Sept. 3	16.1	Dec. 20, 31	-1.7	Dec. 27, 31	-7.2		Teignmouth	July 1	25.0	July 2	17.8	Dec. 24, 31	2.8	Dec. 28	-3.3	
	Garstang	Aug. 29	27.8	Aug. 29	17.2	Dec. 31	-3.3	Dec. 31	-8.3		Starcross	July 1	27.2	Aug. 5	17.2	Dec. 25	0.0	Dec. 28	-5.6	
	Morecambe	Sept. 1	28.3	June 30, Sept. 1	15.6	Dec. 31	-2.2	Dec. 31	-6.1		Exmouth	July 1	26.7	July 2, Aug. 5, Sept. 16, 19	16.1	Dec. 24, 25	0.6	Dec. 28	-6.7	
	Preston (Moor Pk)	Aug. 29	28.9	Aug. 29	17.2	Dec. 31	-2.8	Dec. 31	-8.3		Exeter	July 1	28.5	Sept. 16	17.3	Dec. 28	-2.3	Dec. 28	-7.2	
	Bolton	Aug. 29	28.3	Sept. 3, 16	15.0	Dec. 20	-2.8	Dec. 7	-8.9		Sidmouth	July 26	25.0	July 2	17.2	Dec. 24, 25	0.6	Dec. 28	-5.0	
	Darwen	Sept. 2	26.7	Sept. 3	14.4	Dec. 28	-2.2													

TABLE V (continued) - WARMEST DAY AND NIGHT AND COLDEST DAY AND NIGHT IN THE YEAR 1961 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	
		°C		°C		°C		°C			°C		°C		°C		°C
9 NORTHERN IRELAND – cont.									9 NORTHERN IRELAND – cont.								
Hillsborough	Sept. 1	22.8	July 1	14.4	Dec. 29	0.0	Dec. 31	– 8.3	Lislap Forest	May 13, Aug. 28	22.8	Aug. 29	15.6	Dec. 29	1.1	Dec. 31	– 7.8
Kilkeel	June 24	21.3	Aug. 29, Sept. 4, 19	13.9	Dec. 30	1.2	Dec. 31	– 5.6	Ely Lodge	Aug. 28	23.3	Aug. 9, 29	14.4	Dec. 29	–0.6	Dec. 31	– 8.9
Tollymore Park	June 24	22.8	Sept. 16	16.1	Dec. 31	0.6	Dec. 31	– 7.2	CHANNEL ISLES								
Belfast (Stormont)	June 24	23.9	July 1, Sept. 2	13.9	Dec. 31	–0.6	Dec. 31	– 6.7	Guernsey Airport	Sept. 2	30.6	Aug. 29, Sept. 2	18.9	Dec. 24	0.6	Dec. 24	– 2.2
Holywood	June 24, Sept. 1	21.7	Aug. 29	13.9	Dec. 24	1.1	Dec. 31	– 6.1	Alderney Airport	Aug. 29	27.8	July 1	17.8	Dec. 24	1.1	Dec. 24	– 1.7
Armagh	Sept. 1	25.0	Aug. 29	15.0	Dec. 27	0.0	Dec. 31	– 8.9	Jersey Airport	Sept. 1	30.4	Sept. 2	19.6	Dec. 24	–1.7	Dec. 24	– 3.9
Loughgall	Sept. 1	24.4	July 1	14.4	Dec. 18, 27	0.0	Dec. 31	–10.6	” St. Helier	Sept. 2	31.1	Sept. 16	19.4	Dec. 24	–1.1	Dec. 24, 25	– 3.3

Table VI - MONTHLY FREQUENCIES of sunshine for twenty stations: -
Number of days in each month of 1961 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	13	18	0	0	0	13	10	3	2	0	7	12	11	1	0	10	5	7	3	5	6	10	8	3	4	7
Stornoway	9	11	11	0	0	7	12	8	1	0	5	14	10	2	0	4	6	5	7	8	3	6	5	5	12	4
Craibstone	12	11	7	1	0	7	9	7	5	0	1	9	11	9	1	9	5	5	9	2	1	8	9	8	5	1
Rothsay	13	11	6	1	0	10	8	8	2	0	5	18	1	6	1	8	7	4	8	3	2	6	5	9	9	4
Renfrew	12	15	3	1	0	6	14	8	0	0	5	15	4	7	0	9	8	9	2	2	2	9	6	8	6	1
Eskdalemuir	10	17	2	2	0	10	10	7	1	0	5	16	6	3	1	8	12	5	3	2	4	9	5	6	7	2
Douglas	10	12	6	3	0	14	6	5	3	0	10	8	9	3	1	9	6	7	5	3	3	4	5	2	9	11
Cockle Park	15	9	4	3	0	8	8	7	5	0	2	9	10	10	0	7	10	5	7	1	3	6	6	8	4	11
Gorleston	13	12	4	2	0	9	7	9	3	0	5	4	7	10	5	6	4	8	6	6	1	4	5	10	11	1
Cambridge (N.I.A.B.)	13	10	8	0	0	8	10	5	5	0	2	8	4	14	3	8	7	8	4	3	1	7	5	3	15	2
Birmingham	16	13	2	0	0	10	8	6	4	0	2	4	13	9	3	9	11	7	2	1	2	9	5	8	7	2
Kew Observatory	11	11	9	0	0	9	8	7	4	0	1	7	8	7	4	13	7	2	4	0	5	7	7	12	1	4
Hastings	10	10	1	0	0	6	8	10	4	0	3	5	10	6	7	4	11	6	6	3	0	3	9	4	15	1
Southampton	8	17	5	1	0	9	9	7	3	0	1	7	4	16	3	8	10	7	3	2	1	4	6	6	14	2
Stonyhurst	13	11	7	0	0	11	9	7	1	0	4	15	5	5	2	12	6	5	6	1	5	3	8	7	8	3
Bidston Observatory	10	16	5	0	0	6	12	7	3	0	2	9	7	10	3	5	12	4	6	3	1	5	7	3	15	1
Holyhead (Valley)	11	12	4	4	0	8	10	6	4	0	7	11	5	5	3	6	5	9	5	5	2	3	5	4	17	2
Falmouth	10	16	4	1	0	15	7	4	2	0	8	7	6	5	5	4	7	6	9	4	0	5	3	8	15	1
Aldergrove	13	10	7	1	0	8	11	9	0	0	4	16	5	6	0	6	11	6	4	3	4	6	5	9	7	2
Armagh	12	11	8	0	0	4	15	7	2	0	2	21	3	5	0	6	11	6	3	4	4	7	4	9	7	8
	JULY				AUGUST				SEPTEMBER				OCTOBER				NOVEMBER				DECEMBER					
STATION	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	7	14	5	3	2	1	15	5	7	3	10	7	6	6	1	10	11	8	2	0	14	12	3	1	0	19
Stornoway	9	10	6	3	3	1	14	7	6	3	6	8	7	7	2	7	13	6	5	0	11	9	8	2	0	17
Craibstone	5	14	8	3	1	1	10	8	7	5	5	8	8	4	5	3	14	9	5	0	6	12	6	6	0	10
Rothsay	5	11	6	5	4	4	12	5	4	6	7	8	8	5	2	4	17	4	6	0	5	15	7	3	0	17
Renfrew	4	9	7	6	5	3	12	3	5	8	4	9	8	8	1	3	15	8	5	0	9	16	4	1	0	18
Eskdalemuir	2	17	6	2	4	3	11	4	9	4	5	12	7	5	1	6	14	6	5	0	10	12	7	1	0	12
Douglas	3	10	5	7	6	3	6	4	9	9	6	8	7	6	3	8	9	7	6	1	7	11	6	6	0	11
Cockle Park	6	10	5	6	4	1	4	13	7	6	5	8	8	1	5	14	8	3	1	9	8	9	4	0	12	10
Gorleston	2	8	6	9	6	0	6	10	5	10	3	12	4	6	5	2	7	8	12	2	12	10	6	2	0	12
Cambridge (N.I.A.B.)	0	9	9	3	10	0	7	10	7	7	3	9	4	11	3	3	9	6	11	2	13	5	8	4	0	13
Birmingham	2	9	7	8	5	0	11	6	6	8	3	13	4	5	5	11	7	7	1	13	7	6	4	0	11	11
Kew Observatory	0	7	9	6	9	0	10	12	2	7	4	7	8	9	2	4	8	10	9	0	13	7	8	2	0	17
Hastings	1	6	4	8	12	3	6	6	6	10	4	6	7	7	6	3	6	13	8	1	13	8	4	5	0	13
Southampton	2	5	8	7	9	1	11	5	5	9	4	10	5	7	4	3	9	5	13	1	10	12	5	3	0	13
Stonyhurst	1	14	8	3	5	4	6	7	9	5	3	9	9	8	1	7	9	9	6	0	8	11	10	1	0	12
Bidston Observatory	0	13	6	6	6	1	9	4	7	10	2	9	8	4	7	3	10	10	7	1	11	4	13	2	0	7
Holyhead (Valley)	1	11	6	3	10	3	6	4	9	9	4	7	7	8	4	6	9	7	7	2	7	10	11	2	0	7
Falmouth	1	9	4	4	13	2	9	5	6	9	2	10	8	6	4	6	11	7	7	0	11	8	6	5	0	17
Aldergrove	2	17	6	4	2	1	13	9	4	4	3	11	9	5	2	4	13	9	4	1	8	15	6	1	0	18
Armagh	4	15	7	2	3	1	16	5	4	5	4	10	8	6	2	3	12	11	5	0	9	12	7	2	0	12

Table VII [First published 1914] Number of Days in 1961 with Rainfall between given limits

STATION	0 in.	0.1-0.4 in.	0.5-0.9 in.	1.0-1.4 in.	1.5-1.9 in.	2.0-2.4 in.	2.5-2.9 in.	3.0-3.4 in.	3.5-3.9 in.	4.0-4.4 in.	4.5-4.9 in.	5.0-5.4 in.	5.5-5.9 in.	6.0-6.4 in.	6.5-6.9 in.	7.0-7.4 in.	7.5-7.9 in.	8.0-8.4 in.	8.5-8.9 in.	9.0-9.4 in.	9.5-9.9 in.	10.0-10.4 in.	10.5-10.9 in.	11.0-11.4 in.	11.5-11.9 in.	12.0-12.4 in.	12.5-12.9 in.	13.0-13.4 in.	13.5-13.9 in.	14.0-14.4 in.	14.5-14.9 in.	15.0-15.4 in.	15.5-15.9 in.	16.0-16.4 in.	16.5-16.9 in.	17.0-17.4 in.	17.5-17.9 in.	18.0-18.4 in.	18.5-18.9 in.	19.0-19.4 in.	19.5-19.9 in.	20.0-20.4 in.	20.5-20.9 in.	21.0-21.4 in.	21.5-21.9 in.	22.0-22.4 in.	22.5-22.9 in.	23.0-23.4 in.	23.5-23.9 in.	24.0-24.4 in.	24.5-24.9 in.	25.0-25.4 in.	25.5-25.9 in.	26.0-26.4 in.	26.5-26.9 in.	27.0-27.4 in.	27.5-27.9 in.	28.0-28.4 in.	28.5-28.9 in.	29.0-29.4 in.	29.5-29.9 in.	30.0-30.4 in.	30.5-30.9 in.	31.0-31.4 in.	31.5-31.9 in.	32.0-32.4 in.	32.5-32.9 in.	33.0-33.4 in.	33.5-33.9 in.	34.0-34.4 in.	34.5-34.9 in.	35.0-35.4 in.	35.5-35.9 in.	36.0-36.4 in.	36.5-36.9 in.	37.0-37.4 in.	37.5-37.9 in.	38.0-38.4 in.	38.5-38.9 in.	39.0-39.4 in.	39.5-39.9 in.	40.0-40.4 in.	40.5-40.9 in.	41.0-41.4 in.	41.5-41.9 in.	42.0-42.4 in.	42.5-42.9 in.	43.0-43.4 in.	43.5-43.9 in.	44.0-44.4 in.	44.5-44.9 in.	45.0-45.4 in.	45.5-45.9 in.	46.0-46.4 in.	46.5-46.9 in.	47.0-47.4 in.	47.5-47.9 in.	48.0-48.4 in.	48.5-48.9 in.	49.0-49.4 in.	49.5-49.9 in.	50.0-50.4 in.	50.5-50.9 in.	51.0-51.4 in.	51.5-51.9 in.	52.0-52.4 in.	52.5-52.9 in.	53.0-53.4 in.	53.5-53.9 in.	54.0-54.4 in.	54.5-54.9 in.	55.0-55.4 in.	55.5-55.9 in.	56.0-56.4 in.	56.5-56.9 in.	57.0-57.4 in.	57.5-57.9 in.	58.0-58.4 in.	58.5-58.9 in.	59.0-59.4 in.	59.5-59.9 in.	60.0-60.4 in.	60.5-60.9 in.	61.0-61.4 in.	61.5-61.9 in.	62.0-62.4 in.	62.5-62.9 in.	63.0-63.4 in.	63.5-63.9 in.	64.0-64.4 in.	64.5-64.9 in.	
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Table VIII [First published 1913] Number of Days in 1961 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°	-9-9° to -5-0°	-4-9° to 0-0°	0-1° to 5-0°	5-1° to 10-0°	10-1° to 15-0°	Above 15-0°
Lerwick	7	48	147	153	10	0	0	0	0	4	33	108	174	46	0	0	Birmingham	7	35	69	106	106	33	6	1	0	0	3	24	84	153	94	7
Stornoway	3	28	112	164	57	1	0	0	0	1	5	41	91	158	69	0	Kew Observatory	1	20	70	103	104	57	8	2	0	0	0	20	76	144	101	24
Craibstone	5	49	97	122	84	8	0	0	0	0	6	49	126	148	36	0	Hastings	1	17	81	115	113	34	4	0	0	0	19	81	137	103	25	
Rothsay	1	34	108	121	99	2	0	0	0	0	1	25	107	173	59	0	Southampton	0	16	57	107	91	89	5	0	0	3	28	83	148	87	16	
Renfrew	5	36	76	112	127	8	1	0	0	0	8	38	92	158	69	0	Stonyhurst	5	35	85	112	110	15	3	0	0	0	10	33	113	149	59	1
Eskdalemuir	11	49	101	106	90	8	0	0	1	3	12	50	115	148	36	0	Bidston Observatory	4	27	77	134	106	13	4	0	0	2	21	83	149	106	4	
Douglas	0	21	119	129	94	2	0	0	0	0	1	16	89	174	84	1	Holyhead (Valley)	0	17	96	123	123	4	2	0	0	0	0	21	62	167	112	3
Cockle Park	0	46	96	102	108	13	0	0	0	0	4	51	113	147	50	0	Falmouth	0	4	60	154	133	13	1	0	-	-	-	-	-	-	-	-
Gorleston	2	18	94	109	109	26	7	0	0	0	1	11	102	134	101	16	Aldergrove	0	35	77	129	114	10	0	0	0	1	7	28	100	161	68	0
Cambridge	1	28	67	84	111	59	14	1	0	0	8	48	106	123	76	4	Armagh	1	24	62	141	122	15	0	0	0	0	8	33	96	170	58	0

TABLE IX [First Published 1914] Distribution of Winds of stated speeds at Anemograph Stations, and Maximum Speeds for the Year 1961

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		
			1960	Average										Month	Day		Month	Day	hr.
0	Lerwick	39	221	242	186	1729	4538	2019	253	0	15-9	210	64	January 27	18	95	January 27	1745	
	Kirkwall (Grimsetter)	18	85	-	121	962	4341	2658	714	0	13-1	230	59	January 27	17	90	January 27	1640	
	Downreay	16	66	-	122	907	4619	2898	62	208	13-6	(230)	50	September 16	23	(86)	January 27	1440	
	Halkirk (Olgrinbeg)	8	21	-	79	463	3297	3857	820	302	10-7	220	50	September 16	24	79	September 16	2300	
	Stornoway (Coastguard)	58	320	210	181	1629	3516	1795	1500	0	14-3	250	60	January 27	15	93	January 27	1400	
	Duirinish	16	54	-	110	789	3342	3297	1132	146	11-3	200	54	September 16	20	86	September 16	1855	
	Bunbecula	27	145	-	183	1800	4258	2029	528	0	15-4	300	58	December 5	14	91	December 5	1320	
1	Lossiemouth	14	44	-	104	644	2680	3073	2016	303	9-8	220	60	February 26	21	89	February 26	2045	
	Dyce	4	9	7	42	146	2264	3610	2731	0	7-5	220	40	September 16	21	60	September 16	2015	
	Bell Rock Lighthouse	48	257	305	226	1998	4244	1750	511	0	16-3	150	52	October 24	10	73	October 23	0005	
	Rannoch	9	29	-	87	476	3200	3142	1465	448	10-1	200	60	September 16	19	92	September 16	1900	
	Edinburgh	4	13	-	56	267	2907	3645	1928	0	8-9	180	38	October 23	06	66	January 27	1140	
																	February 26	1655	
6a	Tiree	49	297	100	207	2227	4202	1299	735	0	16-7	180	65	September 16	17	101	February 26	1750	
	Millport	7	22	35	91	454	3312	2959	1796	217	10-3	260	43	October 23	06	66	January 27	1055	
	Paisley	1	2	-	12	40	1293	4579	2646	0	6-0	170	35	January 27	09	70	January 27	0725	
	Renfrew	3	11	5	42	167	2703	4204	1675	0	8-4	200	45	January 27	12	78	January 27	1120	
	Prestwick Airport	2	7	11	46	212	3377	4003	1161	0	9-7	250	37	October 23	08	64	October 23	0450	
	Eskdalemuir	3	14	27	46	191	2184	3333	3013	25	7-3	200	43	September 16	15	69	September 16	1350	
6b	Point of Ayre	14	46	59	131	988	4201	2874	559	92	13-0	300	42	July 4	02	66	January 29	1435	
																	October 23	0045	
2	South Shields	2	8	12	50	252	2628	4394	1278	0	9-2	350	37	October 18	12	58	October 18	1335	
	Cranwell	4	6	3	62	404	2634	4021	1421	74	9-5	210	37	January 29	10	65	February 6	1100	
3	Mildenhall	1	1	4	25	145	2307	4542	1765	0	8-0	250	35	February 6	12	59	February 6	1135	
	Cardington	14	86	17	107	800	3612	3337	925	0	11-7	240	45	December 11	05	66	December 5	0055	
	Rothamsted	0	0	-	4	5	1108	5584	2063	0	6-2	(260)	22	January 31	24		January 31	2245	
	Coryton	0	0	-	15	78	2157	5353	1079	93	8-1	(230)	29	February 6	12		December 5	0045	
	Shoeburyness	11	38	25	87	634	3508	3287	826	467	11-4	(330)	43	October 19	02	53	December 5	0045	
												(220)	43	December 5	01	(63)	December 5	0125	
4	Sheffield	0	0	-	8	19	1324	4617	2800	0	6-0	240	26	December 11	13	59	December 11	1235	
	Birmingham	0	0	0-8	13	37	2063	6028	632	0	8-3	270	27	January 31	23	54	January 31	2220	
	Keele	0	0	0-2	13	33	1723	4747	2257	0	7-0	190	29	September 16	10	54	January 29	1520	
																	September 16	0925	
5	Kingsway	0	0	0	10	36	2111	5607	1006	0	8-2	240	26	February 6	12	55	February 6	1000	
	London Airport	0	0	-	32	152	2378	4580	1645	5	8-2	250	33	February 6	11	55	December 5	0120	
	Hampton	0	0	0	22	100	2070	4795	1795	0	7-5	250	32	February 6	11	62	December 5	0650	
	Kew Observatory	0	0	0	13	51	1959	4864	1886	0	7-4	240	27	February 6	11	51	January 31	1755	
	Gatwick	1	1	-	36	149	2060	3880	2670	0	7-0	240	35	December 5	07	64	December 5	0640	
	Isle of Grain	0	0	-	14	64	1449	3127	3989	131	5-4	(230)	31	February 6	11	(52)	December 5	0430	
	Dover	4	14	15	67	486	3270	3459	1400	131	10-1	(190)	36	January 5	23	64	December 5	0940	
												(1040)	36	November 13	17		December 5	0940	
	Thorney Island	0	0	0-8	15	60	1687	3645	3368	0	6-2	230	28	December 5	04	52	December 5	0330	
	Calshot	0	0	-	29	127	3610	4319	551	153	10-2	210	33	February 6	09	55	February 6	0925	
	S. Farnborough	0	0	5	11	52	1172	3966	3570	0	5-6	250	31	February 6	11	63	December 4	2300	
	Abingdon	0	0	0-1	33	157	2195	3285	3123	0	7-0	(250)	30	January 31	22	(50)	January 31	2120	
	Larkhill	0	0	4	33	162	2007	4803	1788	0	7-8	250	33	February 6	10	57	February 6	0930	
	Porton	1	1	-	29	118	1960	3821	2860	0	7-0	220	34	December 4	24	52	December 4	2330	
7a	Sellafield	9	30	10	93	575	3978	3437	576	164	11-8	-	44	October 23	01	63	October 23	0115	
	Spadeadam	8	23	-	69	390	3423	3604	1294	26	10-2	190	44	January 27	12	70	January 29	1320	
	Southport	16	45	-	96	740	3021	3572	1351	31	10-8	270	42	February 6	24	60	February 6	2330	
	Speke	14	41	21	112	642	4276	3353	448	0	12-2	230	45	January 29	14	79	October 22	2055	
	Manchester Airport	1	2	10	39	186	2995	4530	1047	0	9-2	240	34	January 29	17	59	January 31	2320	
7b	Holyhead (Valley)	17	80	65	119	891	3318	2641	1830	0	11-2	220	51	October 22	23	72	October 22	2245	
8a	Aberporth	21	87	26	144	1158	4290	2645	580	0	13-5	(290)	45	January 31	20	69	January 31	1725	
	Port Talbot	3	5	13	88	481	3988	2961	1302	23	10-9	260	39	October 18	08		October 18	0540	
	Rhoose	0	0	-	34	165	3026	4772	797	0	9-7	(270)	32	January 31	20	63	January 31	1930	
												(250)	32	December 11	04	50	January 31	1645	
8b	Plymouth	12	36	44	90	530	3328	3670	1198	0	10-4	(-)	40	October 22	19	(56)	April 25	0655	
	St. Mary's, Scilly	26	122	133	131	1142	4018	2659	811	8	13-3	220	46	December 5	03	68	February 2	0540	
	The Lizard	41	259	188	164	1605	3778	2203	596	319	14-8	240	50	December 5	05	76	December 5	0400	
	Ballykelly	5	16	-	66	345	2861	3275	2263	0	8-8	190	51	September 16	14	92	September 16	1525	
	Aldergrove	6	27	4	84	481	3832	3527	893	0	11-0	190	49	September 16	15	76	September 16	1545	
	Nutts Corner	-	-	-	-	-	-	-	-	-	-	250	39	October 23	02	69	September 16	1345	
	Jersey Airport	13	63	-	111	916	4345	3093	343	0	13-0	260	51	January 28	14	74	February 2	1335	

TABLE X [First Published 1934]—Number of Hours in each Month of 1961 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	204	175	349	65	56	148	34	40	56	274	154	228	1783	49	36	90	0	1	17	0	1	12	65	14	78	363	
	Kirkwall	162	120	268	33	28	91	19	11	29	162	74	59	1056	38	17	48	1	0	12	0	0	11	35	9	12	183	
	Dounreay	67	74	159	58	11	48	43	(6)	50	173	72	114	*	13	7	22	2	0	1	0	0	16	47	16	14	138	
	Halkirk	29	29	102	2	2	7	(40)	22	45	(97)	41	(40)	*	4	2	3	0	0	5	0	0	11	(21)	2	(4)	*	
	Stornoway	130	263	273	7	29	70	6	118	124	246	87	105	1458	48	66	40	0	0	5	1	28	15	52	4	27	286	
1	Duirinish	59	160	140	0	34	(38)	(16)	63	63	125	99	45	*	15	20	9	0	0	1	2	3	14	45	5	5	119	
	Benbecula	167	275	239	53	74	211	67	140	137	257	156	143	1919	40	29	20	0	4	8	7	23	32	80	12	28	283	
	Lossiemouth	55	64	163	(9)	17	(70)	27	(34)	43	127	48	(40)	*	13	12	14	0	0	(2)	1	0	12	19	1	12	*	
	Dyce	20	18	39	0	0	9	10	1	15	43	7	6	168	1	2	6	0	0	0	0	0	6	2	0	1	18	
	Bell Rock	177	115	118	39	30	57	44	34	86	191	127	99	1117	27	17	15	0	0	0	5	0	17	70	6	14	171	
6a	Rannoch	27	(49)	(49)	1	24	89	(68)	(63)	(32)	(104)	35	(32)	*	9	6	2	0	1	7	13	3	(15)	(36)	3	4	*	
	Leuchars	1	1	75	8	20	38	25	18	32	71	9	9	1	1	1	4	0	3	1	1	2	12	12	0	0	1	
	Edinburgh	75	129	103	3	39	42	41	46	34	106	30	12	662	13	13	10	0	4	1	4	5	12	10	2	1	75	
	Three	287	311	226	59	90	86	86	138	154	300	187	182	2086	102	40	23	1	14	1	12	3	21	79	17	34	347	
	Millport	71	(49)	51	2	24	11	19	19	45	(80)	(43)	59	*	16	6	2	0	1	0	2	0	7	4	0	2	34	
6b	Paisley	34	56	20	0	22	42	18	8	17	42	12	11	282	13	4	1	0	1	1	0	0	9	10	0	2	42	
	Renfrew	34	49	49	0	22	24	23	17	21	71	21	20	351	14	3	2	0	0	0	0	0	9	10	1	4	38	
	Prestwick	55	47	14	0	15	3	25	9	24	65	38	22	317	9	5	0	0	0	0	0	0	9	10	1	4	37	
	Eskdalemuir	35	100	(50)	1	30	27	52	55	46	101	48	38	*	7	11	3	0	6	2	6	3	13	13	0	3	68	
	Point of Ayre	116	87	(51)	13	37	0	50	69	58	161	83	127	*	14	14	0	0	0	0	5	0	8	28	2	13	84	
2	Durham	*	*	*	*	27	17	43	27	25	110	27	34	*	*	*	*	12	0	2	1	9	13	0	0	2	*	
	South Shields	45	27	49	0	15	4	18	9	9	57	6	19	258	5	1	1	0	3	0	0	0	9	0	0	0	19	
	Cranwell	55	112	65	3	37	6	34	38	24	55	46	46	521	8	14	1	0	7	0	0	3	0	0	1	6	40	
	Gorleston	(33)	34	7	1	3	(1)	7	*	*	*	*	*	*	(1)	1	0	0	0	0	0	0	*	*	*	*	*	
	Mildenhall	52	65	23	2	26	0	8	25	13	58	34	34	340	7	8	0	0	0	0	0	4	0	0	1	4	24	
3	Felixstowe	57	71	44	0	31	0	27	32	1	68	†	†	†	†	2	9	0	0	0	0	3	0	2	†	†	†	
	Cardington	(65)	125	80	28	69	8	52	93	43	135	112	80	†	(19)	12	3	1	5	0	1	8	1	36	25	32	†	
	Rothamsted	29	50	4	0	4	0	4	11	5	29	29	34	199	1	0	0	0	0	0	0	0	0	0	0	0	1	
	Stanstead Abbots	4	26	(0)	0	*	0	3	0	1	(0)	10	23	*	0	1	0	0	0	0	0	0	0	0	0	0	1	
	Croyton	38	45	12	(4)	15	0	15	11	7	48	(46)	54	*	1	2	0	0	0	0	0	3	0	4	0	5	15	
4	Shoeburyness	(56)	70	23	5	26	*	(46)	30	100	87	100	*	11	3	0	0	0	0	0	6	0	26	13	19	*		
	Sheffield	44	53	31	3	23	1	12	10	19	36	13	39	284	2	1	0	0	1	0	2	0	0	1	0	7	14	
	Birmingham	33	35	11	1	2	0	10	6	9	40	21	22	190	2	0	0	0	0	0	0	0	0	0	0	0	2	
	Keele	36	48	23	7	19	1	16	17	22	42	28	38	297	8	2	0	0	0	0	1	0	4	3	0	0	18	
	Avonmouth	51	(51)	(10)	(12)	27	5	28	(19)	(16)	(68)	(65)	(46)	*	9	7	0	0	0	0	0	(0)	2	0	(12)	†	†	
5	Kingsway	33	58	4	3	13	0	7	7	3	31	25	43	227	3	4	0	0	0	0	0	1	0	0	1	1	10	
	London Airport	29	41	2	3	5	1	9	9	3	18	24	28	172	0	2	0	0	0	0	0	0	0	0	0	3	5	
	Hampton	33	54	6	2	15	0	12	17	9	36	43	44	271	4	3	0	0	0	0	0	2	0	1	1	6	17	
	Kew	30	34	7	11	23	3	17	20	14	38	49	48	294	1	1	0	0	0	0	0	0	1	0	1	0	2	
	Gatwick	41	25	5	5	17	0	10	18	12	36	43	42	254	5	1	0	0	0	0	0	2	0	1	0	15	24	
7a	Isle of Grain	(19)	28	0	1	6	0	6	7	1	(20)	17	(26)	*	(1)	1	0	0	0	0	0	1	0	0	0	(3)	†	
	Dover	(134)	78	11	4	43	4	49	71	36	156	127	97	*	11	5	1	0	0	0	5	9	0	27	19	8	85	
	Thorney Island	36	25	1	0	3	0	13	11	3	32	45	49	218	1	0	0	0	0	0	0	0	0	0	0	0	5	
	Calshot	(43)	34	0	0	0	0	1	0	0	2	1	7	*	2	3	0	0	0	0	0	0	0	0	0	0	5	
	Southampton	33	49	3	†	†	†	†	†	†	†	†	†	†	1	1	0	†	†	†	†	†	†	†	†	†	†	
8a	S. Farnborough	26	24	2	1	3	0	4	8	3	21	27	35	154	2	1	0	0	0	0	0	1	0	0	0	0	6	10
	Abingdon	37	(80)	24	10	23	0	16	23	25	54	52	39	*	2	2	0	0	0	0	0	1	0	0	1	1	6	
	Larkhill	48	79	15	8	16	0	15	13	14	50	69	(46)	*	10	3	0	0	0	0	0	2	0	1	2	9	27	
	Porton	34	45	4	2	5	0	9	13	10	31	39	31	223	4	1	0	0	0	0	0	1	0	0	0	3	9	
	Sellafield	84	40	(21)	19	20	0	29	19	45	124	58	29	*	8	11	0	0	0	0	0	0	7	20	0	1	47	
8b	Spadeadam	67	(80)	81	0	(35)	25	(32)	41	35	110	58	37	*	17	11	1	0	1	0	2	0	12	21	1	0	66	
	Moor House	(99)	180	(167)	31	57	46	85	119	80	173	90	(35)	*	15	14	6	0	6	5	22	6	19	36	4	(1)	*	
	Southport	30	71	72	5	41	4	69	72	31	107	61	50	613	2	15	1	0	0	0	5	2	2	11	2	11	51	
	Speke	71	114	77	23	46	9	84	74	35	109	59	63	764	15	20	2	0	2	0	7	4	8	9	1	12	80	
	Bidston	128	(138)	121	†	53	10	(86)	(108)	31	134	70	76	†	19	(20)	5	†	7	0	(10)	10	3	(14)	6	23	†	
7b	Manchester A/P	58	65	38	5	14	0	5	5	23	22	9	25	269	6	6	0	0	1	0	0	1	1	0	1	0	1	17
	Valley	85	83	24	8	9	9	35	33	93	166	68	55	668	18	13	0	0	0	0	0	13	38	0	3	85	*	
	Aberporth	(194)																										

OCCASIONS OF "STRONG GALES" in 1961
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	
1 Bell Rock (cont.)	Mar. 12	02	270	41	0050	280	51	01-03, 07-10	Moor House	Jan. 12	11	240	44	1045	240	56	10-12
	Mar. 26	13	300	41	1050	300	54	01-03, 08, 09, 11-15		July 26	09	250	41	0905	250	59	07-12, 16, 18, 20-22
	Sept. 16	16	190	48	1510	190	70	11, 13-24		Oct. 23	05	230	41	0445	230	58	03-06
	Oct. 18	15	360	43	1200	360	59	02, 08-24		Feb. 6	24	270	42	2330	270	60	21-24
	Oct. 22	24	130	50	2350	130	67	21-24		Feb. 7	01	280	41	0050	280	58	01-07
	Oct. 23	04	160	49	0005	140	73	01-13, 15		Jan. 29	14	230	45	1400	230	66	10-17
	Oct. 24	10	150	52	0930	150	65	06-11, 14-24		Sept. 16	12	210	42	1105	210	60	10-15
	Oct. 25	15	220	41	1425	220	57	01, 02, 07-09, 12-18		Feb. 7	02	270	41	0100	270	69	01-03
	Dec. 2	18	260	42	1715	260	51	14-19		Jan. 29	14	230	41	1300	230	57	07-15
	Dec. 5	21	280	45	1525	270	63	08, 11, 15-18, 21-23		Feb. 26	12	180	41	1115	170	58	12-16
Rannoch	Jan. 27	13	—	46	1140	—	83	12-14	7b Valley	Sept. 16	12	210	42	1105	210	60	10-15
	Feb. 26	19	—	42	1805	—	66	18-20		Feb. 7	02	270	41	0100	270	69	01-03
	Sept. 16	19	200	60	1900	210	92	12-22		Jan. 29	14	230	41	1300	230	57	07-15
	Oct. 24	13	210	44	1215	210	79	11-17		Feb. 26	12	180	41	1115	170	58	12-16
	Jan. 18	19	140	41	1750	140	57	01-21		Sept. 16	11	220	43	1020	220	64	08-18
	Jan. 26	15	150	50	1315	150	67	01-24		Oct. 22	23	220	51	2245	220	72	18-24
	Jan. 27	12	260	54	1130	260	86	04-18		Oct. 23	01	230	42	0010	230	58	01-06
	Feb. 26	19	270	56	1750	270	101	14-20		Oct. 24	06	170	41	0500	170	56	04-08
	July 3	21	320	42	2125	330	59	17-24		Oct. 25	07	230	45	0645	230	61	04-10
	Sept. 16	17	180	65	1645	180	90	12-22		Jan. 31	20	290	45	1725	290	69	01-22
6a Tiree	Oct. 17	19	330	42	1835	330	62	11-13, 15-24	8a Aberporth	Oct. 18	06	330	45	0540	330	69	01-22
	Oct. 18	02	350	42	0010	340	63	01-13, 15, 17, 22		Jan. 18	06	330	45	0540	330	69	01-22
	Oct. 23	06	290	42	0505	290	67	06-08		Jan. 31	18	290	42	1730	290	62	05, 07, 09-24
	Oct. 24	09	190	52	1030	210	77	02, 04-21		Feb. 2	20	280	43	0540	300	68	01-07
	Dec. 5	19	320	47	1830	320	75	01-07, 10-20		Dec. 5	03	220	46	0310	220	66	16-19
	Oct. 23	06	260	43	0535	260	58	06, 07		Jan. 5	18	240	42	1815	270	62	12-16, 22
	Jan. 27	12	200	45	1120	190	78	10-12		Jan. 28	13	290	45	1205	290	62	01, 05-16, 23, 24
	Sept. 16	17	200	42	1630	200	67	14-20		Jan. 29	10	240	43	1105	240	58	05-09, 11-24
	Sept. 16	15	200	43	1350	200	69	12-19		Feb. 2	20	280	46	1525	290	66	04-08, 14-24
	July 4	02	300	42	0110	300	59	01-03		Apr. 25	05	120	41	0235	300	63	03-05
6b Point of Ayre	Aug. 8	12	240	43	1315	240	63	11-17	8b Scilly	Aug. 8	04	300	41	0235	300	63	03-05
	Nov. 30	13	230	44	1140	230	60	07-20		Oct. 7	04	280	44	0310	280	63	01-07
	Dec. 5	01	210	42	0055	210	66	01-09, 11-15		Oct. 22	19	210	42	1840	210	59	17-19
	Dec. 11	05	240	45	0430	240	64	01, 02, 04-15		Nov. 30	10	250	42	1100	250	54	06-18, 22
	Dec. 5	01	220	43	0125	220	63	01-10		Dec. 4	22	240	41	2050	230	59	20-24
	Jan. 31	21	190	41	1940	170	57	05, 20-22		Dec. 5	05	240	50	0400	240	76	01-08
	Oct. 22	24	—	44	2320	—	63	20-24		Dec. 24	05	090	41	2105	090	58	01-23
	Oct. 23	01	—	44	0115	—	63	01-06		Feb. 26	16	220	44	1535	220	75	15-17
	Jan. 27	12	190	44	1045	190	61	10-13		Sept. 16	14	190	51	1525	200	92	12-18
	Jan. 29	13	220	42	1320	230	70	11-15, 18		Oct. 23	02	250	41	0145	250	65	02-04
	Sept. 16	16	210	43	1505	210	62	15-17, 20		Sept. 16	15	190	49	1545	200	76	11-19
7a Sellafeld	Oct. 22	24	—	44	2320	—	63	20-24	Aldergrove	Jan. 28	02	230	42	0105	230	68	01-03
	Oct. 23	01	—	44	0115	—	63	01-06		Jan. 28	14	260	51	1355	270	72	13-17
	Jan. 27	12	190	44	1045	190	61	10-13		Feb. 2	09	270	41	1335	290	74	08-12, 14, 16, 18-24
	Jan. 29	13	220	42	1320	230	70	11-15, 18		July 13	05	290	45	0445	290	62	03-09
	Sept. 16	16	210	43	1505	210	62	15-17, 20		Aug. 8	05	260	41	0435	270	61	05-07
	Oct. 22	24	—	44	2320	—	63	20-24		Dec. 5	08	240	45	0730	250	64	03-11
	Oct. 23	01	—	44	0115	—	63	01-06									
	Jan. 27	12	190	44	1045	190	61	10-13									
	Jan. 29	13	220	42	1320	230	70	11-15, 18									
	Sept. 16	16	210	43	1505	210	62	15-17, 20									
	Oct. 22	24	—	44	2320	—	63	20-24									

TABLE XII. [First Published 1908]—Dates on which Gusts of 48 Knots or more occurred in 1961.

For an anemograph 33 ft. above ground in the open the limit corresponds with that of Force 10 (Whole Gale) on the Beaufort Scale. Up to 1916 fuller details were given in this table. The time of occurrence of the maximum gust each month can be found by reference to Table II of the appropriate monthly part of the Monthly Weather Report.

District and Station	Dates	District and Station	Dates
0 Lerwick	Jan. 2, 11, 12, 19, 26-28, 30. Feb. 8, 10, 20, 26, 27. Mar. 3, 4, 9-12, 15, 16, 18, 20, 22, 25-27. May 23. June 17, 18, 23, 24. Aug. 27. Sept. 16, 17. Oct. 11, 12, 16, 18-25, 30, 31. Nov. 2, 23, 24. Dec. 2, 3, 5, 10, 11, 13-15, 27, 31.	4 Shoeburyness	Jan. 5, 29, 31. Feb. 6. Aug. 8. Oct. 17-19, 22-24. Nov. 13. Dec. 4, 5, 11, 30.
Kirkwall	Jan. 3, 18, 19, 26, 27, 30. Feb. 8-10, 20, 26, 27. Mar. 12, 15, 18, 20, 23, 25-27. Apr. 13. June 18, 23. Sept. 15-17, 19. Oct. 11, 18, 23, 24, 30, 31. Nov. 2, 3, 23, 24. Dec. 2, 5.	Sheffield	Jan. 29. Feb. 1. May 8. July 4. Oct. 22. Dec. 5, 11.
Dounreay	Jan. 26, 27. Feb. 9, 10, 26-28. Mar. 15, 17, 18, 20, 26, 27. Apr. 19, 20. June 18. Sept. 15-17, 19. Oct. 16-18, 22-24, 30, 31. Nov. 2, 3. Dec. 2, 3, 5, 6.	Birmingham	Jan. 29, 31.
Halkirk	Jan. 27. Feb. 10, 26. Mar. 26. June 18, 23. Sept. 16, 17. Oct. 17, 18, 23, 24. Nov. 3. Dec. 2, 5.	Keele	Jan. 27, 29, 31. Feb. 6, 26. July 4. Sept. 16, 28. Oct. 17, 22.
Stornoway	Jan. 11, 18, 25-28. Feb. 8-10, 13, 14, 16, 17, 19, 20, 22, 26-28. Mar. 1-3, 5, 8, 9, 12, 15, 16, 25, 26. June 16, 18. July 3. Aug. 25-27, 29. Sept. 15-17, 22, 29. Oct. 10-11, 14-17, 23-25, 30, 31. Nov. 1, 3, 23, 28. Dec. 2, 4, 5, 14, 15, 27, 31.	Avonmouth	Jan. 27, 31. Feb. 6, 26. Oct. 22. Dec. 4, 5, 11, 23.
Duirinish	Jan. 11, 26-28. Feb. 8-11, 13, 20, 25-28. Mar. 3, 25, 26. June 16, July 3. Aug. 29. Sept. 15-17. Oct. 10, 11, 16-18, 23-25, 30. Nov. 1, 3, 23, 28, 29. Dec. 2, 5.	Kingsway	Jan. 29, 31. Feb. 6. Aug. 8. Nov. 30. Dec. 5.
Benbecula	Jan. 18, 24, 26-28. Feb. 9-11, 19, 20, 23, 26-28. Mar. 3, 12, 17, 26. May 6, 7. June 16, 18. July 3. Aug. 26, 27, 29. Sept. 12, 14-16, 27, 29. Oct. 10, 11, 16-18, 23-25, 30. Nov. 1, 23-25, 28, 29. Dec. 2, 5, 15.	London Airport	Feb. 6. Dec. 5.
1 Lossiemouth	Jan. 26, 27, 29. Feb. 10, 20, 26. Mar. 15, 20, 25, 26. June 18. July 4. Sept. 16, 17. Oct. 18, 24, 30, 31. Nov. 3. Dec. 2, 5.	Hampton	Jan. 29, 31. Feb. 6, 7. Aug. 8. Oct. 17. Nov. 13. Dec. 5, 11.
Dyce	Jan. 27. Feb. 26. Mar. 20, 26. Sept. 16. Oct. 23, 24. Dec. 5.	Kew	Jan. 31. Feb. 6. Aug. 8. Oct. 18. Dec. 5.
Bell Rock	Jan. 3, 16, 19, 27, 29. Feb. 10, 25-27. Mar. 12, 20, 26. July 4, 26. Sept. 15-17, 28. Oct. 11, 17-20, 22-25, 30. Nov. 2, 3, 23, 29. Dec. 2, 5, 6.	Gatwick	Jan. 5, 28, 29. Feb. 6. Aug. 8. Oct. 22. Dec. 4, 5, 11.
Rannoch	Jan. 27. Feb. 9, 26. Mar. 26. May 8. June 18, 28. July 3, 25, 26. Aug. 25-27. Sept. 15, 16, 19. Oct. 10, 11, 18, 22, 23, 30, 31. Nov. 1, 2. Dec. 5, 13, 14.	Isle of Grain	Jan. 5, Feb. 6. Aug. 8. Dec. 5.
Leuchars	Record from new electrical anemograph commenced 1.3.61. Mar. 11, 12, 26. May 8. June 18. July 4. Aug. 27. Sept. 16. Oct. 22-25.	Dover	Jan. 2, 3, 5, 28, 29, Feb. 6. Mar. 30. July 4, 14. Aug. 8. Oct. 18, 19, 23, 27, 28. Nov. 13, 14, 27. Dec. 5, 30.
Eginburgh	Jan. 12, 27, 29, 31. Feb. 5, 8-10, 25, 26. Mar. 12, 25, 26. May 8. June 18. July 4, 26. Aug. 27. Sept. 15, 16. Oct. 23, 25. Nov. 1, 29. Dec. 5.	Thorney Island	Jan. 28. Dec. 5.
6a Tiree	Jan. 7, 11, 17, 18, 24-29, 31. Feb. 6-11, 17, 24-28. Mar. 2, 3, 17, 18, 20, 26, 27. Apr. 20. May 6-8. June 18. July 3, 4, 26. Aug. 26, 29. Sept. 12, 14-16, 29. Oct. 2, 10, 11, 16-18, 22-25, 30. Nov. 1-3, 7, 23, 28, 29. Dec. 2, 5, 8, 14, 15.	Calshot	Jan. 5, 28. Feb. 6. July 13.
Millport	Jan. 24, 27, 29, 30. Feb. 25, 26. Mar. 12, 26. May 8. Sept. 16. Oct. 22-24. Nov. 29. Dec. 4, 5.	Southampton	Jan. 28. Feb. 6. Record ceased 31.3.61.
Paisley	Jan. 27, 29. Feb. 26. Mar. 26. May 8. July 3, 26. Sept. 16. Oct. 23. Dec. 5.	S. Farnborough	Jan. 28, 31. Feb. 6. Aug. 8. Dec. 4, 5.
Renfrew	Jan. 27, 29. Feb. 26. Mar. 26. May 8. June 18. Sept. 16. Oct. 22-24. Dec. 5.	Abingdon	Jan. 29, 31. Feb. 6, 7. Aug. 8. Dec. 11.
Prestwick	Jan. 27, 29. Feb. 6, 26. Sept. 16. Oct. 17, 22-24. Nov. 29. Dec. 5.	Larkhill	Jan. 5, 28, 29, 31. Feb. 6, 25. Aug. 8. Oct. 22. Nov. 13. Dec. 4, 5, 11.
Eskdalemuir	Jan. 27, 29. Feb. 7, 9, 11, 26. Mar. 26. May 8. June 18. July 26. Aug. 4, 27. Sept. 15, 16. Oct. 9, 18, 22, 23. Dec. 5.	Porton	Jan. 28, 29, 31. Feb. 6. Aug. 8. Dec. 4, 5.
6b Point of Ayre	Jan. 27, 29. Feb. 6, 7, 11, 26. July 3, 4, 13. Sept. 15, 16. Oct. 17, 18, 22-25. Nov. 1, 2. Dec. 5, 11.	7a Sellafeld	Jan. 27, 29. Feb. 6, 7, 26. Sept. 16. Oct. 18, 22-25. Dec. 5.
2 Durham	Jan. 27, 28. Defective Record, Feb.-Apr. May 8. July 3, 4. Aug. 8. Sept. 15, 16, 28. Oct. 18, 22, 25. Dec. 5.	Spadeadam	Jan. 27, 29. Feb. 6, 26. Mar. 12. May 6. July 26. Sept. 15, 16, 28. Oct. 18, 22-25. Nov. 1.
South Shields	Jan. 4, 29. Feb. 7. Mar. 12. May 8. Oct. 18, 19.	Moor House	Jan. 12, 27, 29. Feb. 6, 7, 9-11, 13, 14, 26. Mar. 2, 3, 15, 26. May 8. June 16. July 3, 26. Aug. 4, 8, 27. Sept. 15, 16, 28. Oct. 9, 10, 17, 18, 22-25, 30, 31. Nov. 1, 2, 13. Dec. 5.
3 Gorleston	Jan. 29, 31. Feb. 1, 4, 6, 7, 11, 26. Mar. 2. May 8. Aug. 3, Nov. 30. Dec. 5, 11.	Southport	Jan. 29, 31. Feb. 6, 7, 9, 26. Mar. 17. July 3, 4, 26. Aug. 4, 8. Sept. 16, 28. Oct. 17, 18, 23, 25. Nov. 2, 29. Dec. 2, 5, 11.
Mildenhall	Jan. 27. Feb. 6. Defective Record, Aug.-Dec.	Speke	Jan. 27, 29, 31. Feb. 6, 7, 9, 26. Mar. 2, 30. May 8. July 3, 4, 13. Aug. 3, 8, 18. Sept. 15, 16, 28. Oct. 17, 18, 22, 25. Nov. 1. Dec. 5, 11.
Felkistowe	Jan. 29, 31. Feb. 1, 6, 7. Aug. 8. Nov. 30. Dec. 5, 11.	Bidston	Jan. 6, 27, 29, 31. Feb. 1, 4, 6-9, 11, 26. Mar. 2, 12, 30. Apr. 5 (incomplete record). May 8, 7. Aug. 3, 13, 14, 26. Aug. 8, 18, 19, 21, 22. Sept. 16, 28. Oct. 17, 18, 22, 25. Nov. 2, 30. Dec. 5, 11.
Cardington	Jan. 3, 5. Feb. 1, 6, 7, 9. Aug. 8. Oct. 23. Record ceased 31.10.61.	Manchester A/P	Jan. 27, 29, 31. Feb. 7, 26. May 8. Aug. 8. Sept. 28. Oct. 22. Dec. 5.
Rothamsted	Jan. 29, 31. Feb. 1, 6, 7, 25. Mar. 2, 29. Apr. 5. May 2, 8. July 4. Aug. 8, 21. Sept. 28. Oct. 17-19, 22-25. Nov. 13, 30. Dec. 4, 5, 10, 11.	7b Valley	Jan. 27, 29, 31. Feb. 6, 7, 25, 26. Sept. 15, 16, 28. Oct. 17, 18, 22-25. Dec. 11.
Stanstead Abbotts	Jan. 31.	8a Aberporth	Jan. 3, 5, 24, 26-29, 31. Feb. 4, 6-9, 11, 26. Mar. 29, 30. Apr. 25. May 7. July 13, 14. Aug. 3, 29. Sept. 12, 15, 16, 28, 29. Oct. 6, 17-19, 22-25. Nov. 2, 11, 13, 14, 30. Dec. 4, 5, 8, 10, 11, 13.
Coryton	Jan. 29. Feb. 6. Aug. 8. Oct. 18, 19. Dec. 5.	Milford Haven	Jan. 31. Feb. 7, 26. Apr. 25. Sept. 16. Oct. 17, 18, 22, 24, 25. Nov. 30. Dec. 4, 5, 11.
		Port Talbot	Jan. 24, 31. Feb. 6, 25. Apr. 25. July 14. Oct. 17, 22-25. Nov. 13, 14. Dec. 4, 5, 11, 23, 24.
		Rhoose	Jan. 31.
		8b Plymouth	Jan. 5, 28, 29. Feb. 25, 26. Apr. 25. Oct. 6, 22. Nov. 14. Dec. 4, 5, 23.
		Scilly	Jan. 2, 3, 5, 28, 28, 31. Feb. 2, 3, 6, 25, 26. Apr. 25, 26. July 12-14. Aug. 7, 8. Sept. 16, 28. Oct. 6, 7, 17, 18, 22, 24, 25. Nov. 11-14, 30. Dec. 4, 5, 10, 11, 23, 24, 26.
		Lizard	Jan. 3, 5, 18, 27-29, 31. Feb. 1-3, 6, 7, 9, 25, 26. Apr. 25, July 12-14. Aug. 7, 8. Sept. 14, 16, 28. Oct. 6, 7, 17, 18, 22, 24, 25. Nov. 13, 14, 30. Dec. 4-6, 10, 11, 23-26.
		- Ballykelly	Jan. 24, 26, 27, 29. Feb. 6, 7, 11, 26. Mar. 17. May 6-8. July 3. Sept. 16. Oct. 17, 18, 22-25. Nov. 1. Dec. 5, 15.
		Aldergrove	Jan. 18, 27, 29. Feb. 6, 7, 11, 26. Apr. 20. May 6-8. Aug. 26. Sept. 16. Oct. 17, 18, 22-24.
		Nutts Corner	Jan. 27, 29. Feb. 7, 11, 26. Sept. 16. Oct. 22-24.
		- Jersey	Jan. 5, 28, 31. Feb. 1-3, 6, 7, 25. July 13-15. Aug. 8. Oct. 7, 17, 18. Nov. 13, 30. Dec. 4, 5, 30.

TABLE XIII — SOLAR RADIATION AND INTENSITY OF DAYLIGHT FOR THE YEAR 1961

STATION	TOTAL RADIATION ON A HORIZONTAL SURFACE mw. hr. cm ²						DIFFUSE RADIATION ON A HORIZONTAL SURFACE mw. hr. cm ²						INTEGRATED ILLUMINATION OF A HORIZONTAL SURFACE kilo lux-hours					
	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	783	7th June	0	11, 13 Dec.	202.3	365	371	8th June	0	11, 13 Dec.	133.3	365	764	7th June	0	13th Dec.	211.4	356
Eskdalemuir	761	29th June	6	13th Dec.	210.9	365	395	30th June	6	13th Dec.	138.5	350	718	29th June	6	13th Dec.	210.9	352
Cambridge	846	31st May	8	21, 31 Dec.	267.8	365	436	4th June	8	21, 31 Dec.	153.3	365	—	—	—	—	—	—
Kingsway	784	25th June	5	1st Dec.	247.9	362	412	22nd July	3	1st Dec.	156.5	352	997	25th June	9	25th Jan. 1st Dec.	274.8	356
Kew	783	25th June	6	21st Dec.	247.3	365	383	29th May	6	21st Dec.	141.5	365	827	25th June	7	21st Dec.	246.2	334
Aberporth	898	9th June	4	30th Dec.	307.1	365	466	18th July	4	30th Dec.	167.7	365	—	—	—	—	—	—

Explanatory notes on the tables are given in the Introduction.

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TO THE
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