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METEOROLOGICAL OFFICE

THE MONTHLY WEATHER REPORT FOR THE YEAR 1943

PUBLISHED BY THE
AUTHORITY OF THE METEOROLOGICAL
COMMITTEE

CANCELLED

LONDON
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1944

MWRdup

THE MONTHLY WEATHER REPORT, 1943

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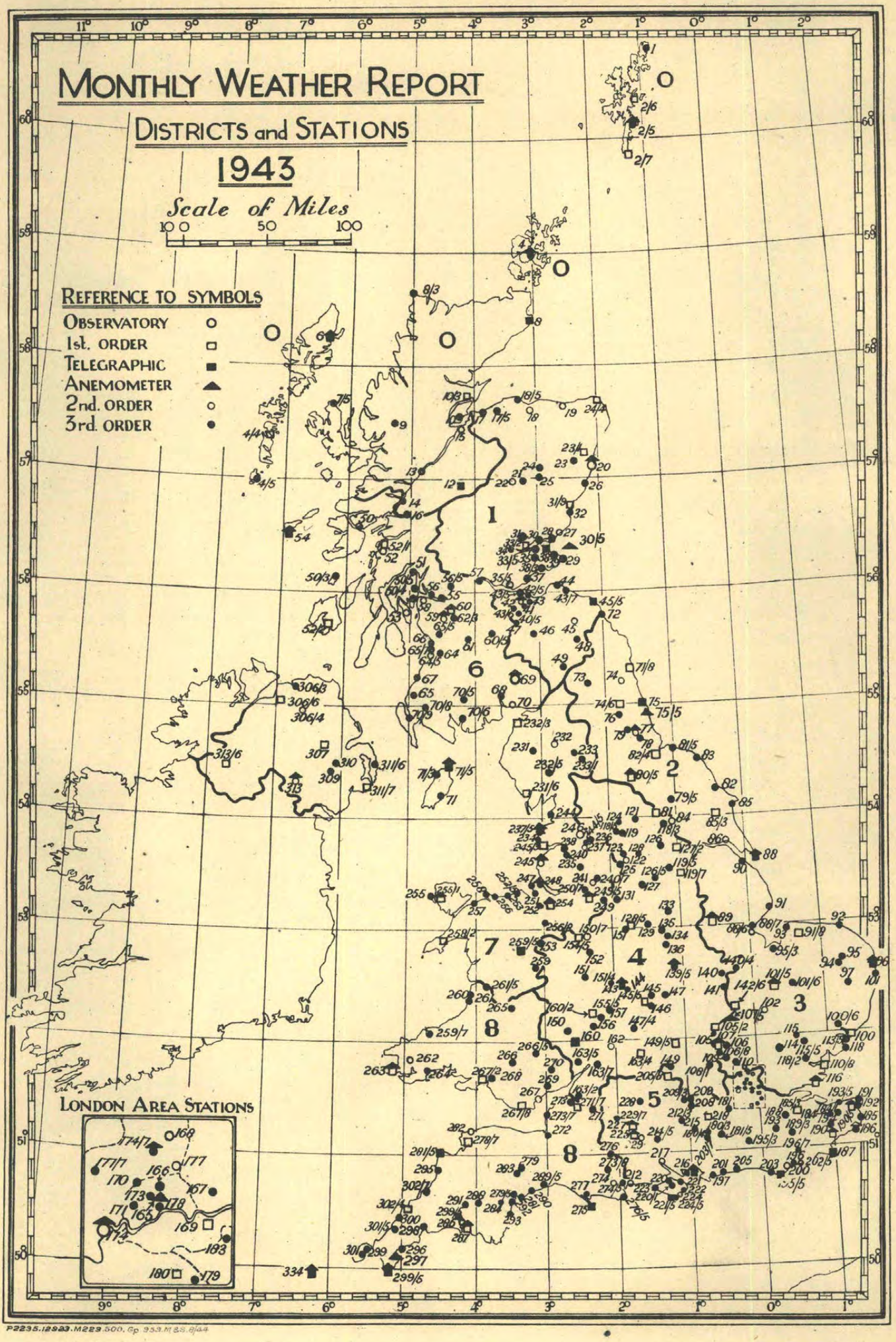

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PREFACE

Up to 1921, the Monthly Weather Report was issued as a supplement to the Weekly Weather Report and included in the subscription to the latter. It is now treated as a separate publication. The Report gives a resumé of observations from stations in the British Isles, and takes the place of the summaries printed up to the end of 1907 in Parts II and III of the annual volumes of " Observations at Stations of the Second Order " as well as the former " Monthly Summary " to the Weekly Weather Report. Particulars of the methods adopted in taking the observations are given in the *Meteorological Observer's Handbook*, M.O. 191.

On the establishment of a meteorological service in Eire in April, 1937, the climatological stations in that country came under the control of the Director of that Service, but climatological records for Eire were received and published up to the end of 1940. Data were not received for 1943, but the maps of pressure, temperature and sunshine in this volume have been drawn, from such information as was available from various sources, to give a provisional indication of conditions over Eire.

Information for Previous Years

Monthly summaries of observations made at stations in connexion with the Meteorological Office were first published in 1869 in the " Quarterly Weather Report," a publication issued for each of the years 1869 to 1880. The Monthly Weather Report commenced in 1884. The gap is bridged for telegraphic 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 the preface.

General Arrangement of the Report

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

a.—General remarks on the Weather over the British Islands under a brief heading descriptive of the special characteristics of the month.

b.—Table I.—Summaries for the 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. In the absence of data for Eire, Guernsey and Jersey it became necessary in 1940 to replace Districts 9 and 10 by " Northern Ireland " and to replace District 11 by data for Scilly only. The stations from which the district values of temperature and rainfall are computed are indicated in Table III by the symbol ¶ and the corresponding stations for sunshine by the symbol §. A list of these stations is printed below. The stations used in computing the district values of earth temperature are shown on page iv. The method of computations is explained in the " Notes on Table I to IV " printed with the Annual Summary.

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

All the records are obtained from instruments of the Dines Pressure Tube type.

d.—A plate of four maps showing :—

i. The monthly distribution of pressure and winds based on observations at telegraphic reporting stations: also the normal distribution of pressure for the month for the period 1901-1930. Isobars are drawn for intervals of 1 millibar. Previously the normal was for the period 1881-1915.
ii. The movements of depressions.
iii. The distribution of mean temperature 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 means of isohyetal lines the distribution of the month's precipitation. This map is based on data from about 2,000 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, 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 III (a).—Observations of duration of starlight at the Royal Observatory, Greenwich, and at Porton, Wilts., and of cloud and fog by day at Greenwich.

h.—Table III (b).—Direct solar radiation at Kew Observatory.

i.—Table IV, giving summaries of the observations of pressure, temperature, humidity, cloud, visibility and wind, made at set hours. The hours, not being the same for all stations, are indicated in the Table.

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 numbers of days of ground frost, i.e., minimum temperature on the grass, 30.4°F. and below (from 1908), and the pressure at mean sea level (from 1912).

List of Stations

A list of the climatological stations of Tables III and IV and of the anemograph stations of Table II is given below where changes have been made in the list for 1942. This list also contains, in italic type, the names of a few stations which contribute regular monthly returns but which do not appear in Tables II, III or IV. For additional information regarding the anemograph stations, reference should be made to the Annual Summary. The positions of the stations are shown in the Frontispiece.

In the Tables of the Monthly Weather Report the stations are arranged according to Districts and Counties. In the list printed herewith the alphabetical order is adopted. The latitude and longitude of each station are given, but not the height, as that is shown in the monthly issues.

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Classification of stations.—Stations are classified as follows :—

I. Normal Meteorological Observatory ; Station of the First Order.—Continuous records or hourly readings of pressure, temperature, wind, sunshine and rain, with eye observations of the amount, form and motion of the clouds, and notes on the weather. The principal " distributive " stations maintained on aerodromes for supplying information to the Royal Air Force or to civil aviation services are included.

II. Normal Climatological Station.—Daily observations at least twice a day, generally at 9 h. (9 a.m.) and 21 h. (9 p.m.) G.M.T. of pressure, 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 obtained at these stations also. In this category are included all the stations of the second order of the International Classification and a few stations of the third order.

III. Auxiliary Climatological Station, at which observations similar to those of a normal climatological station are made once a day only, generally at 9 h. (9 a.m.) G.M.T. This category includes most of the stations of the third order of the International Classification.

T. Telegraphic Reporting Station.—Daily observations are made at 7 h. (7 a.m.), 13 h. (1 p.m.) and 18 h.(6 p.m.) G.M.T., similar in general character to those taken at Normal Climatological Stations, and reported to the Office each day by telegraph. At most telegraphic stations an additional observation is made at 1 h. (1 a.m.) G.M.T., and also in some cases at 4 h. (4 a.m.), 10 h. (10 a.m.), 16 h. (4 p.m.) and 22 h. (10 p.m.) G.M.T.

II C.W. ; III C.W. Normal Climatological Station or Auxiliary Climatological Station which is also a Crop Weather Station.—Crop Weather stations are stations which participate in the scheme for the investigation of the relationship between weather and crops inaugurated by the Ministry of Agriculture and the Board of Agriculture for Scotland in co-operation with the Meteorological Office.

II H. ; III H. Normal Climatological Station or Auxiliary Station which is also a Health Resort Station.—These Stations normally make special observations at 17 h. (5 p.m.) G.M.T. which are reported to this Office by telegram for communication to the newspaper press. This scheme has lapsed during the war period.

A. ; Anemometer Station for which summaries are published in Table II (Autographic Records of Wind) of the Monthly Weather Report.

The publications for which the returns are prepared are indicated by the following letters :—

D. Daily Weather Report. Full return.

d. Daily Weather Report. Abridged return.

W. Weekly Weather Report. Temperature, rainfall, in most cases sunshine, and in some cases ground temperature. (Last volume published is that for 1938-39).

w. Weekly Weather Report. Sunshine only.

W^1. Registrar-General's Weekly Summary.

M. Monthly Weather Report. Table III (Temperature extremes, rainfall and weather) ; and Table IV (Pressure, humidity, &c.).

m. Monthly Weather Report. Table III, not Table IV.

μ. Monthly Weather Report. Wind velocity.

m_0. Monthly Weather Report. Sunshine only.

O. The Observatories' Year Book.—This publication contains hourly values of meteorological and magnetic elements, diurnal inequalities for magnetism and for atmospheric electricity, absolute observations of magnetism and atmospheric electricity, seismological tables, upper air data, etc.

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District Value Stations, 1943

The following are the stations, summaries from which are used for the computation of the district values of temperature, rainfall, earth temperature and sunshine, Table I :—

TR, Temperature and Rainfall: *E*1, *Earth Temperature at* 1 *foot*: *E*4, *Earth Temperature at* 4 *feet*: *S, Sunshine.*

Dist.	Station.	Element.	Dist.	Station.	Element.	Dist.	Station.	Element.
0	Fort Augustus ..	TR – – S	4	Birmingham ..	TR E1 E4 S	8	Bath	TR E1 E4 S
	Inverness ..	TR – – S		Bradford ..	– E1 E4 –		Cardiff	– E1 E4 –
	Kirkwall	TR – – S		Buxton	– E1 E4 –		Cullompton ..	TR E1 – S
	Lerwick	TR – – S		Harrogate ..	TR E1 E4 S		Falmouth ..	TR E1 E4 S
	Stornoway ..	TR – – S		Huddersfield ..	– E1 E4 –		Ilfracombe ..	– E1 E4 –
1	Aberdeen ..	TR – – S		Nottingham ..	TR E1 E4 S		Newquay ..	– E1 E4 –
	Dundee	TR – – S		Oxford	TR – – S		Plymouth ..	– E1 – –
	Edinburgh ..	TR – – S		Ross-on-Wye ..	TR – – S		Rhayader	TR – – S
	Marchmont ..	TR – – S		Sheffield	– E1 E4 –		St. Ann's Head ..	TR – – S
	Nairn	TR – – S					Swansea	– E1 E4 –
6	Dumfries	TR E1 E4 S	5	Camden Square ..	– E1 E4 –		NORTHERN IRELAND	
	Eskdalemuir ..	TR – – S		Enfield	– – E4 –		Aldergrove ..	TR – – S
	Tiree	TR – – S		Hastings	TR E1 E4 S		Armagh	TR E1 E4 S
	Renfrew (Abbotsinch) ..	TR – – S		Kew Obs. ..	TR E1 E4 S		Moneydig ..	TR – – –
	Rothesay	TR E1 E4 S		Margate	TR E1 E4 S		Hillsborough	– – – S
2	Cockle Park ..	TR E1 E4 S		Marlborough ..	TR – – S			
	Cranwell ..	TR – – S		Southampton ..	TR – – S			
	Durham	TR – – S		Tunbridge Wells	– E1 – –			
	Hull	– E1 E4 –		Wisley	– E1 E4 –			
	Scarborough ..	TR – – S						
	York	TR E1 E4 S	7	Bolton	– E1 E4 –			
3	Cambridge ..	TR E1 E4 S		Burnley	– E1 E4 –			
	Shoeburyness ..	TR – – S		Darwen	– E1 E4 –			
	Lowestoft ..	– E1 E4 –		Holyhead	TR – – S			
	Norwich	TR E1 – S		Newton Rigg ..	TR – – S			
	Rothamsted ..	TR – – S		Sealand	TR – – S			
	Gorleston ..	TR E1 E4 S		Southport ..	TR E1 E4 S		Scilly	TR – – S
				Stonyhurst ..	TR – – S			

Heights of Stations Above Mean sea Level

In 1933 it was announced by the Ordnance Survey that in future mean sea level at Newlyn (Cornwall) should be adopted as the standard of reference for heights in the British Isles in place of Liverpool. The heights given in this publication are above the old ordnance datum. At those stations where the new height would differ from the old height by one foot or more, a correction to obtain the new height was given in the Introductions 1939 to 1941. The new heights are not yet adopted in this publication because they cannot in all cases be regarded as final.

Additional Records Available for 1943

Details of some additional records received for 1943 which are not summarised in the Monthly Weather Report :—

(a) Returns on Form 3206 have been received for the hours set out below in addition to those summarised in Table IV :—

Bristol 4, 10, 16, 22
Cranwell 4, 10, 16, 22
Croydon 10, 16
Dunstable 4, 10, 16, 22
Felixstowe 10, 16
Gorleston 4, 22
Lizard 4, 22
Lympne 10, 16
Manston 10, 16
Mildenhall 4, 10, 16, 22
Mount Batten 10, 16
Point of Ayre 4, 10, 16, 22
Portland Bill 4, 10, 16, 22
Porton 9, 15
Ringway 4, 10, 16, 22
Ross-on-Wye 10, 16, 22
St. Abb's Head 4, 10, 16, 22
St. Ann's Head 4, 22
Scilly 22
Spurn Head 4, 10, 16, 22
Tynemouth 4, 10, 16, 22
Upper Heyford 10, 16

(b) For certain stations hourly tabulations for 1943 are available of wind force and direction, rainfall duration and amount and duration of sunshine, and the list is given below, where W, R and S stand for hourly values of wind, rainfall and sunshine :—

Abbotsinch W, R, S
Abingdon R
Aldergrove W, R, S
Armagh, W*, R
Birmingham W
Boscombe Down W, R, S
Bristol R, S
Cardington W*
Castle Archdale R
Catterick W, R, S
Cranwell W, R, S
Croydon W, R, S
Dunstable W, S
Falmouth W*, R, S
Felixstowe W, R, S
Fleetwood *
Fraserburgh R
Gorleston W*
Holyhead W, R, S
Kingsway W
Leicester W*
Lerwick W, S
Leuchars R, S
Limavady R
Little Rissington R
Lizard W*
Lympne W, R, S
Manchester W, R, S (Ringway)
Manston W, R, S
Mildenhall W, R, S
Mount Batten R, S
Pendennis W*
Peterhead R
Plymouth W*
Point of Ayre *
Prestwick W
Rothamsted S
St. Ann's Head W
Scilly W*
Sealand W, R, S
Shobdon R
Shoeburyness W
South Farnborough R, S
South Shields W
Southgate W
Southport *
Speke S
Spurn Head *
Thorney Island, W, R
Upper Heyford R

* Anemograms stored in Meteorological Office (M.O.3)

The list of stations for which daily analyses of wind force and direction are available appear in Table II.

Averages.

Rainfall (*Table III*).—The averages refer to the period 1881-1915 and are "weighted" if the record is not complete for that period. The averages of rainfall are given in the Book of Normals, Section V.

Pressure (*Table IV*).—The averages refer to 7h. G.M.T. for period 1901-1930 and have been "weighted" where necessary.

Temperature and Sunshine (*Table III*).—The averages in nearly all cases refer to periods of from 10 to 30 years ending 1935. The length of the period for each station is shown in the appropriate column of the List of Stations. Differences from averages of less than 30 years are printed in italics.

The averages are given in the following publications :—

(1) Averages of Temperature for the British Isles for periods ending 1935 (M.O. 407).

(2) Averages of Bright Sunshine for the British Isles for periods ending 1935 (M.O. 408).

Earth Temperatures 1ft. and 4ft.—In general the averages cover the period 1911-1925.

Tiree. The averages of temperature and sunshine refer to the period 1927-1936.

Standards of Time.

Summer Time was in force throughout the year, and Double Summer Time from April 4th to August 14th. Therefore public clocks were one hour and two hours respectively in advance of Greenwich Mean Time. Observers were recommended to make their observations at the same hours by Greenwich Time throughout the year. At nearly all stations this recommendation was adopted, but in a very few cases circumstances made it necessary to adhere to the same hour by clock time. The actual hours of observation are given in Table III of the monthly issues. The stations at which the hours of observation are referred to Local Mean Time are given in the Notes to the Tables I-IV.

Sea-Temperature.

Returns of sea-temperatures are received by the Meteorological Office from certain ships, lightships and coast stations. The mean temperatures of the seas round the British Isles for the months of the year 1943 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.

Data for the following Stations were published in M.W.R., 1942, but were not included from January, 1943.

Station	*No.*	*Station*	*No.*	*Station*	*No.*
Attenborough	132	Carnoustie	29	Mursley	150
Bala	258/5	Ciliau Aeron	261/7	Newcastle-on-Tyne	74/5
Biggin Hill	182	Clacton-on-Sea	111	Perranporth	301/5
Bromyard	158	Donaghadee	312	Skallary	5
Cambridge (Univ. Farm)	103	Eastbourne	199	Taunton	273/5
				Thetford	95/5

Monthly Weather Report, 1943—Table II. Corrections and Additions

District and Station.		Height of Vane			Distribution of Wind								Extreme Velocities								
		Above Mean S.L'vel	Above Gr'nd	Eff'ive Height	More than 38 mi/hr.		25 to 38 mi/hr.		13 to 24 mi/hr.	4 to 12 mi/hr.	Less than 4 mi/hr.	No Record	Highest Hourly Wind				Highest Gust				
					Dates of occurence	Duration	No. of days	Duration	Duration	Duration	Duration	Duration	Veer fromN	Speed		Hour ended at		Speed		Time	
		ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	hr.	°	m.p.h.	m/s	day	hr.	m.p.h.	m/s	d	h m
3. **England, E.**																					
Dunstable	January	567	55	33	—	0	14	70	396	248	30	0	290	35	16	1	20	70	31	31	10 45
5. **England, S.E.**																					
Thorney Island	January	75	65	45	31	1	7	34	217	365	127	0	200	39	17	31	15	69	31	31	14 05
Southgate	August	222	30	—	—	0	0	0	9	270	455	10	—	15	7	10	13	31	14	11	10 50
Kingsway	July	222	151	30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	— —
8b. **England, S.W.**																					
Plymouth	June	185	88	65	—	—	—	—	—	—	131	—	—	—	—	—	—	—	—	—	— —
Pendennis Castle	January	256	65	42	1, 10-11, 20, 24-25, 28, 30-31	24	12	108	207	182	151	0	Def.	59	26	9	01	75	33	9	00 55
"	May	..	..	..	..	—	—	—	—	—	113	—	—	—	—	—	—	—	—	—	— —
Scilly Isles																					
St. Mary's	March	230	65	57	—	0	8	75	254	370	45	0	270	33	15	30	23	45	20	30	22 10
"	April	..	..	..	—	0	7	69	237	339	75	0	280	35	16	26	05	53	24	25	21 35
"	May	..	..	..	7-10	36	15	135	348	212	13	0	280	61	27	8	04	84	38	8	03 20
"	Dec.	..	..	..	21	1	18	170	324	229	20	—	210	41	18	21	09	62	28	18	12 35

The following summaries are omitted from this table: Lizard, July-Dec. (anemometer out of order); Scilly, Oct.-Nov. (anemometer under repair).

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Monthly Weather Report, 1943, List of Stations—Additions and Modifications

Station	No.	Dist.	County	Lat.	Long.	Classification	Publication	Averages (number of years). Temp.	Sunshine	Authority.
				° N ′	° ′					
Benbecula	4/4	0	Inverness ..	57 28	7 22W.	I	M.	—	—	Meteorological Office.
Blandford	273/8	8b	Dorsetshire ..	50 51	2 10W.	III	—	—	—	R. Biddulph, Esq.
Brough Sowerby ..	233/1	7a	Westmorland ..	54 31	2 19W.	III	—	—	—	H. Bower Smith, Esq.
Buddon Ness	29	1	Angus	56 28	2 44W.	III	m.	—	—	Dundee Harbour Trust.
Driffield	85/3	2	Yorkshire (E.R.)	54 00	00 28W.	I	M.	—	—	Meteorological Office.
Dyce	23/1	1	Aberdeen ..	57 12	2 12W.	I	M.	—	—	Meteorological Office.
Errol	33/2	1	Perth	56 24	3 11W.	I	M.	—	—	Meteorological Office.
Finningley	119/7	4	Yorkshire (W.R.)	53 29	1 00W.	I	M.	—	—	Meteorological Office.
Frampton Cotterel ..	163/2	4	Gloucestershire	51 32	2 29W.	III	m.	—	—	H. H. Harding, Esq.
Hankham	200	5	Sussex	50 49	0 18E.	III	—	—	—	A. E. Moon, Esq.
Horsham	195/3	5	Sussex	51 04	0 14W.	III	m.	—	—	J. L. Bennet, Esq.
Invergordon	10/3	0	Ross & Cromarty	57 41	4 09W.	I	M.	—	—	Meteorological Office.
Kenilworth (Honiley)	145/5	4	Warwickshire ..	52 22	1 40W.	I	M.	—	—	Meteorological Office.
King's Langley ..	108/1	3	Hertfordshire ..	51 43	0 27W.	III	—	—	—	H. Dennett, Esq.
Linton-on-Ouse ..	81	2	Yorkshire (N.R.)	54 03	1 15W.	I	M.	—	—	Meteorological Office.
Longforgan	33/5	1	Perth	56 28	3 08W.	III	m.	—	—	Dr. J. H. Brush.
Lossiemouth	18/5	1	Moray	57 43	3 20W.	I	M.	—	—	Meteorological Office.
Margate	191	5	Kent	51 24	1 24E.	III	m.	15	30	The Town Clerk.
Montrose Airfield ..	31/9	1	Angus	56 44	2 28W.	I	M.	—	—	Meteorological Office.
Newport (Victoria Recreation Ground)	220	5	Hampshire ..	50 41	1 18W.	III	m.	—	—	Borough Engineer and Surveyor.
Oaken	151/1	4	Staffordshire ..	52 35	2 12W.	III	m.	—	—	A. J. Parkes, Esq.
Oswestry	153	4	Shropshire ..	52 51	3 04W.	III	m.	—	—	The Chief Engineer, Liverpool Corporation Waterworks.
Ouston	74/6	2	Northumberland	55 01	1 52W.	I	M.	—	—	Meteorological Office.
Penicuik	43/6	1	Midlothian ..	55 50	3 13W.	III	—	—	—	Dr. J. T. Baldwin.
Perranporth	301/5	8b	Cornwall ..	50 20	5 09W.	III	—	—	—	Rev. J. Eldon Ellison.
Preston	184/1	5	Kent	51 17	1 14E.	III	—	—	—	J. H. Dyson, Esq.
Santon Downham ..	101/6	3	Norfolk ..	52 27	0 40E.	III	—	—	—	Forestry Commission.
Scorton*	80/5	2	Yorkshire (N.R.)	54 24	1 37W.	I	D. M. μ	—	—	Meteorological Office.
Shipston-on-Stour ..	147/4	4	Warwickshire ..	52 04	1 42W.	III	m.	—	—	A. W. Beecham, Esq.
St. Athan	267/8	8a	Glamorgan ..	51 25	3 25W.	I	M.	—	—	Meteorological Office.
Tern Hill	154/5	4	Shropshire ..	52 53	2 32W.	I	M.	—	—	Meteorological Office.
Thornaby	82/4	2	Yorkshire (N.R.)	54 32	1 18W.	I	M.	—	—	Meteorological Office.
Walsall	151/4	4	Staffordshire ..	52 36	1 59W.	III	m.	—	—	J. C. W. Day, Esq.
Whipsnade	106/8	3	Bedfordshire ..	51 52	0 33W.	III	—	—	—	E. L. Hawke, Esq. (for Zoological Soc.).
Wrexham	256/8	7b	Denbigh ..	53 03	2 59W.	III	—	—	—	S. E. Ashmore, Esq.
Writtle	118/2	3	Essex	51 44	0 26E.	III	m.	—	—	War Agricultural Executive Committee.
Yarmouth (Gorleston)	All climatological Data published under Yarmouth refer to Gorleston.									

Regular monthly returns have also been received from the following official stations :—Ashbourne (Derbyshire), Bishop's Court (Co. Down), Bircham Newton (Norfolk), Bradwell Bay (Essex), Castle Archdale (Fermangah) Chivenor (Devonshire), Cottesmore (Rutland), Cranfield (Bedfordshire), Detling (Kent), Fairwood Common (Glamorgan), Fraserburgh (Aberdeen), Limavady (Londonderry), Little Rissington (Gloucestershire), Penrhos (Caernarvon), Port Ellen (Islay), Shobdon(Herefordshire), Silloth (Cumberland), St. Eval (Cornwall), St. Catherine's Point (Hampshire), Stranraer (Wigtown), Squires Gate (Lancashire), Sullom Voe (Shetland), †West Freugh (Wigtown), Wyton (Huntingdonshire).

* Replaced Catterick, March 10th, 1943.

† Replaced Stranraer, from August 1st, 1943.

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Monthly Weather Report, 1943—Table IV. Corrections and Additions

Month	Page	Station	Hour of Observation	Height of Barometer above Mean Sea Level	Mean Pressure: At Mean Sea Level	Mean Pressure: Difference from Average	Temperature and Humidity: Dry Bulb	Temperature and Humidity: Depression of Wet Bulb	Temperature and Humidity: Vapour Pressure	Temperature and Humidity: Rel. Humidity	Cloud Amount: Mean Amount	Cloud Amount: No. of Observations: 0	1 to 3	4 to 6	7 to 9	10	Visibility: Number of Observations: Fog: 0	1	2	3	Mist: 4	Poor Vis.: 5	Mod Vis.: 6	Good Vis.: 7	8	9	Wind, Number of Observations: Force (0 to 12): 8 or more	6 to 7	4 to 5	1 to 3	Calm	Direction: N	NE	E	SE	S	SW	W	NW
					mb	mb	°F	°F	mb	%																														
January	12	Cambridge ..	21	43	..	..	40·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	13	Croydon ..	7	225	..	..	..	..	..	..	7·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	13	Larkhill ..	9	444	..	..	40·7	0·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	14	Bristol (Airport)	13	236	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
February	25	Aberdeen ..	18	85	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	27	Tern Hill {	1	295	..	..	..	..	..	..	6·2	4	7	0	5	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
			7	295	..	..	..	..	..	..	7·8	1	3	3	12	9	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
			18	295	..	..	..	..	..	..	6·8	0	8	3	9	8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
March	39	Invergordon {	1	19	1016·8	—	42·3	2·4	7·3	79	6·0	3	8	4	7	9	0	0	0	0	0	1	4	11	13	2	2	2	12	11	4	0	3	4	1	1	5	12	1
			7	19	1016·4	—	42·0	2·6	7·0	78	6·8	1	4	8	11	7	0	0	0	0	0	0	0	9	20	2	0	3	9	16	3	3	2	3	1	1	9	8	1
			13	19	1015·9	—	47·8	4·2	7·8	69	7·4	0	3	8	11	9	0	0	0	0	0	0	3	10	14	4	0	4	14	13	0	1	2	5	2	0	11	9	1
			18	19	1015·7	—	44·8	3·1	7·5	75	7·1	0	0	4	15	6	0	0	0	0	0	1	3	8	18	1	0	6	10	14	1	0	3	4	1	2	8	10	2
,,	40	Tynemouth ..	7	122	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	4	..	..	..	11	..
April	55	Upper Heyford ..	18	243	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..
,,	55	Dungeness ..	18	—	..	..	..	2·9	11·1	80	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
June	83	Kew Obs'y ..	18	34	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	..	..	..	..	..	..
,,	83	Amesbury ..	7	420	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	14	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	83	Southport (Bedford Rd. Park) ..	21	37	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	10	..
,,	83	Manchester (Ringway)	7	261	..	+1·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
July	97	Wisley ..	9	85	..	..	64·8	5·8	14·5	69	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
August	111	Hastings ..	9	154	1014·3	—1·4	63·7	4·1	15·8	78	6·9	0	3	13	9	6	0	0	0	0	0	2	18	0	11	0	0	0	9	22	0	0	0	1	2	5	12	3	8
Sept.	126	Armagh {	9	209	1014·2	—1·3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
			21	209	1013·7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
October	138	Cambridge {	9	43	..	..	..	..	..	..	7·1	5	2	5	2	17	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
			21	43	1014·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	140	Armagh ..	9	209	..	—3·5	..	..	..	..	..	1	..	..	9	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
November	151	Errol {	1	33	..	..	..	..	..	..	..	0	..	..	11	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
			7	33	..	..	..	..	..	..	..	0	..	..	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
			18	33	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	151	Douglas ..	9	286	..	+3·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	152	Cranwell ..	18	208	..	..	..	..	..	..	5·8	4	5	6	8	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	154	Lizard ..	18	240	1018·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Dec.	165	Eskdalemuir {	7	778	1019·7	+11·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
			13	778	1019·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
			21	778	1019·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
			*	778	1019·8	+11·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	167	Hutton ..	9	86	1020·3	+10·6	38·6	1·1	7·1	89	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	168	Llandudno ..	9	33	..	..	41·2	2·0	7·3	83	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

Wind frequency summaries prepared according to procedure set out in M.O.O. 2099 from August, 1943 (method adopted in Sept., 1943, in the case of Scottish stations).
All data printed under Yarmouth actually refer to Gorleston.

Monthly Weather Report, 1943—Table III.—Corrections and Additions

Month	Page	Station	Terminal Hours	Heights	Air Temperature in Degrees Fahrenheit: Means of A Max.	Means of B Min.	Mean of A and B	Difference from Average	Absolute Maximum and Minimum: Maximum	Date	Minimum	Date	Earth Temperature 1 ft.	4 ft.	Rainfall: Total Fall	Percentage of Average	Most in a day: Amount	Most in a day: Date	Weather Number of Days: Precip'n ·01 in (0·2mm) or more	Precip'n ·04 in (1·0mm) or more	Snow	Snow lying	Hail	Thunderstorm	Fog (Morn'g Obs.)	Ground Frost	Gale	Bright Sunshine: Daily Mean	Percent. of Average	Percent. of Possible
			G.M.T.	ft.	°F.	°F.	°F.	°F.	°F.		°F.		°F.	°F.	mm	in.	%	in.										hr.	%	%
January	5	Lerwick Obs'y	..	..	42·0	34·8	38·4	*−0·8*	47	28	24	4	—	—	106	4·16	98	·56	17	26	22	6	8	1	—	2	14	6	0·79	*110*	12
,,	6	Hull	..	..	43·8	..	39·8	+0·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	6	Spurn Head	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..
,,	7	Lowestoft	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1·79	..	..	..
,,	7	Rothamsted	..	..	..	35·2	40·1	+1·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	7	Malden	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	..	..	..	..	..
,,	7	Oaken	7 7 7	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	7	Oswestry	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	39
,,	8	Seaford	..	..	..	..	..	..	..	..	..	..	..	..	..	..	136	5·34	—	1·55	13	21	17	..	..	..	..	..	..	..	..
,,	8	Long Sutton	..	..	..	..	..	..	..	..	..	..	..	..	40·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	8	Ventnor (Hospital)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..
,,	8	Porton	..	..	46·9	36·0	41·5	+2·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	9	Darwen	..	..	42·4	34·8	38·6	*+0·9*	49	24, 28, 31	23	4, 8	37·8	41·4	193	7·60	170	·60	30	28	26	9	10	0	0	6	20	—	0·67	*74*	8
,,	9	Nelson	..	..	..	..	..	..	..	..	..	..	..	..	134	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	9	St. Ann's Head	..	..	..	..	..	..	..	..	37	5, 8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	9	Weston-S-Mare	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	7	..	..	..	..
,,	10	Tintagel	..	..	..	..	..	..	..	..	35	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	10	Malta	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	60	..
February	19	Baltasound	..	..	46·4	34·9	40·7	*+1·6*	50	11, 21, 27	25	7	40·3	—	119	4·69	134	·54	4	28	28	4	2	3	0	0	—	9	1·27	*95*	14
,,	19	Achnashellach	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	—	—
,,	19	Longforgan	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	40
,,	19	Kirkcaldy	..	..	..	..	..	..	..	..	..	..	..	..	41	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	20	Rothwell	..	..	48·5	37·4	42·9	*+3·9*	53	14, 18	28	7	—	—	61	2·38	—	—	—	15	12	0	0	0	0	—	—	0	2·07	*100*	22S
,,	20	Hull	..	..	49·4	..	43·2	+3·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	21	Hunstanton	..	..	48·0	35·9	41·9	*+2·4*	52	28	28	8	—	—	9	·37	—	·08	9	10	6	1	0	0	0	0	—	..	3·10	*131*	32
,,	21	Norwich	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..
,,	21	Bungay	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	—	—
,,	21	Askham Bryan	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3·14	—	33
,,	21	Buxton	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8	..	..	..	..
,,	21	Oaken	7 7 7	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	21	Oswestry	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	39
,,	22	Enfield	..	..	48·4	36·2	42·3	*+2·6*	..	..	..	..	—	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	—	—
,,	22	Wye	..	..	..	..	..	..	..	..	..	..	..	..	43	1·68	—	—	—	..	..	..	..	..	..	..	..	..	..	..	..
,,	22	Leckford	..	..	47·9	36·4	42·1	—	55	18	27	8	40·9	—	39	1·52	—	·87	8	9	4	0	0	2	1	0	—	—	3·51	—	35
,,	22	Long Sutton	..	..	..	..	..	..	..	..	..	..	41·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	23	Manchester (Whitworth Pk.)	..	..	..	38·9	43·8	+3·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	24	St. Mary's	..	..	51·2	44·5	47·9	*+2·4*	54	19	40	8, 9	—	—	34	1·34	52	·47	8	15	8	0	0	3	0	0	—	1	3·61	126	36
March	33	Invergordon	..	..	49·6	39·6	44·6	—	58	17	32	12	—	—	38	1·49	—	·37	31	13	11	1	0	4	0	0	9	2	—	—	—
,,	34	Driffield	..	..	52·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	34	Hull	..	..	52·3	..	44·9	+2·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	35	Cromer	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	17	..	..	..	..
,,	35	Maldon	..	..	..	..	..	..	..	..	..	..	..	..	9	·35	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	35	Walton-on-Naze	..	..	..	..	..	..	..	..	..	..	..	..	8	·31	—	..	..	5	2	..	..	..	..	..	..	..	..	..	..
,,	35	Sheffield	..	..	..	..	..	..	..	..	..	..	..	42·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	35	Coventry	..	..	52·3	34·0	43·1	—	58	30	23	12	..	..	23	·89	49	·28	24	8	4	..	..	..	..	..	..	..	..	..	..
,,	35	Oaken	7 7 7	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	36	Dover	..	..	..	33·9	42·5	*−0·2*	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	36	Goudhurst	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	19	..	..	..	..
,,	36	Long Sutton	..	..	..	..	..	..	..	..	..	..	43·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	36	Marlborough	..	..	..	..	..	..	..	..	..	..	44·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	37	Darwen	..	..	48·7	36·2	42·5	*+2·8*	54	6	29	12	41·3	42·3	40	1·57	40	·48	29	12	8	0	0	0	0	5	13	—	3·88	*139*	33S
,,	37	Hoylake	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	·16	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	37	Warburton	..	..	..	..	..	..	..	16, 13, 30	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	37	St. Ann's Head	..	..	..	..	..	..	..	..	..	..	..	..	25	·96	..	..	..	11	..	..	..	..	..	..	..	..	..	..	..
,,	38	Swanage	..	..	..	39·9	45·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	38	Weymouth	..	..	52·9	39·8	46·3	*+2·1*	59	31	32	10, 20	—	—	25	·98	48	·68	24	3	3	0	0	0	0	0	—	—	4·91	110	42
,,	38	St. Mary's	..	..	52·7	45·6	49·1	*+2·5*	56	18	40	8	—	—	15	·58	24	·23	24	11	4	0	0	0	0	1	—	0	4·25	96	36
April	48	Ardtornish	..	..	53·0	41·1	47·1	*+2·2*	59	22, 30	32	29	—	—	220	8·66	—	1·89	11	26	25	0	0	4	0	—	2	0	—	—	—
,,	48	Hull	..	..	60·6	..	52·5	+6·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	49	Rothamsted	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	..	..	..	..
,,	49	Huddersfield	20 20 9	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	49	Oaken	6 6 6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	50	Dover	5 5 5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	50	Long Sutton	..	..	..	..	..	..	..	..	..	..	52·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	50	Newport	..	..	—	—	—	—	—	—	—	—	..	..	..	..	..	..	..	8	8	0	0	0	0	0	1	—	..	..	..
,,	50	Marlborough	..	..	..	..	..	..	..	..	..	..	50·3	48·4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	51	Darwen	..	..	55·1	41·6	48·3	*+4·6*	66	16	31	8	47·6	45·5	80	3·17	107	·50	25	16	15	0	0	0	0	2	2	—	4·84	*117*	35
,,	52	Weymouth	..	..	60·6	45·2	52·9	*+4·9*	72	17	37	8	—	—	16	·65	39	·24	23	6	6	0	0	0	0	0	—	—	7·09	118	52
,,	52	Exmouth	..	..	58·5	..	51·5	*+4·4*	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	52	Sidmouth	..	..	59·4	..	52·3	+5·3	70	17, 18	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	52	Fowey	..	..	59·3	44·1	51·7	*+3·2*	..	..	..	..	..	..	20	·80	—	·30	23	8	5	..	..	..	..	..	..	..	..	..	..
,,	52	St. Mary's	..	..	57·2	47·5	52·3	*+4·0*	67	17	44	24	—	—	38	1·48	78	·66	21	7	5	0	0	0	0	1	—	0	7·32	117	53
May	62	Whitby	..	130	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	62	Hull	..	..	62·6	..	54·0	+2·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	62	Skegness	..	..	..	45·1	52·3	*+1·6*	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	63	Cromer	..	..	..	..	..	..	..	..	..	..	..	..	49	1·94	116	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	63	Hunstanton	..	..	62·3	..	54·1	*+2·2*	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	63	Walton-on-Naze	..	..	62·7	..	54·9	+3·0	78	14	..	..	..	..	38	1·50	—	..	..	7	7	..	..	..	..	..	..	..	..	..	..
,,	63	Bradford	..	..	..	..	..	..	..	..	..	..	..	..	65	2·57	127	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	63	Huddersfield	20 20 9	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	63	Oaken	6 6 6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	64	Long Sutton	..	..	..	..	..	..	..	..	..	..	57·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	64	Portsmouth	..	..	64·1	49·2	56·7	*+1·6*	78	14	40	7	57·3	54·0	65	2·56	152	·57	24	10	8	0	0	0	0	0	0	—	8·24	*110*	53
,,	64	Ventnor (Hospital)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..
,,	65	Darwen	..	..	61·2	42·2	51·7	*+1·2*	75	17	32	10	53·2	49·1	95	3·73	116	1·17	9	12	11	1	0	2	0	0	3	—	7·26	138	46
,,	65	Nelson	..	..	59·3	41·9	50·6	—	72	19	33	10	52·7	48·3	67	2·65	—	·69	9	12	11	—	—	—	—	4	4	—	6·68	—	42
,,	65	St. Athan	..	..	..	..	..	..	..	..	..	..	..	..	82	3·24	—	·62	9	12	10	..	..	..	..	..	..	..	..	..	..
,,	66	Killerton	..	..	63·4	..	53·9	*+0·5*	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
June	76	Ardtornish	..	..	63·9	46·9	55·4	*+0·7*	82	30	44	14, 15, 25	—	—	173	6·82	—	·91	20	22	22	0	0	0	0	—	0	0	—	—	—
,,	76	Tynemouth	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6·04	—	35
,,	76	Bridlington	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5·45	*91*	32
,,	76	Whitby	..	130	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	76	Hull	..	..	66·6	..	58·9	+2·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	77	Hunstanton	..	..	..	49·2	59·9	*−0·2*	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	77	Terrington	..	..	66·9	..	57·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6·37	—	38
,,	77	Walton-on-Naze	..	..	67·4	..	59·3	*+1·5*	76	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6·08	*96*	42
,,	77	Doncaster	..	..	(67·8)	..	(58·3)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	77	Rugby	..	..	66·8	..	57·6	*+0·5*	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	77	Oaken	6 6 6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	78	Worcester, P'well	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	(6·50)	..	(39)
,,	78	Ramsgate	..	..	65·9	53·1	59·5	*+1·6*	74	11	47	13, 16, 17	—	—	31	1·21	—	·34	16	6	6	0	0	0	3	0	—	—	6·91	93	42
,,	78	Bodiam	..	..	66·6	48·6	57·6	—	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	78	Long Sutton	..	..	..	..	..	..	..	..	..	..	63·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	78	Portsmouth	..	..	66·4	53·7	60·1	*+0·8*	74	9	48	7	62·1	58·6	30	1·20	67	·33	2	11	7	0	0	0	1	0	—	—	7·16	*94*	44
,,	79	Darwen	..	..	64·2	48·2	56·2	*±0·9*	78	27, 29	42	17	59·1	53·7	119	4·69	138	1·04	18	18	18	0	0	0	1	0	—	—	7·05	*125*	42
,,	79	Nelson	..	..	62·9	49·0	55·9	—	78	28	44	22	57·8	52·7	119	4·70	—	1·11	18	15	13	—	—	—	—	0	0	—	5·78	—	35
,,	80	Swanage	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	7·82	—	48
,,	80	Weymouth	..	..	64·5	52·3	58·4	*−0·3*	73	26	45	6	—	—	23	·91	51	·20	17	9	7	0	0	0	0	0	—	—	7·03	91	43
,,	80	Dawlish	..	..	65·2	51·3	58·3	—	71	26, 28	45	7, 22	..	..	27	1·05	—	·22	15	9	9	—	—	—	0	0	—	—	7·25	—	44
,,	80	Teignmouth	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6·98	93	46
,,	80	Falmouth Obs'y	..	..	63·9	52·0	57·9	*+0·6*	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
July	90	Ardtornish	..	..	65·8	48·5	57·1	*−0·6*	79	2	43	11	—	—	99	3·90	—	·74	12	19	19	0	0	0	0	—	0	0	—	—	—

SECRET

MONTHLY WEATHER REPORT, 1943—TABLE III.—CORRECTIONS AND ADDITIONS—*continued.*

MONTH	PAGE	STATION	Terminal Hours	Heights	AIR TEMPERATURE IN DEGREES FAHRENHEIT: Means of A. Max.	Means of B. Min.	Mean of A and B	Difference from Average	Absolute Maximum and Minimum: Maximum	Date	Minimum	Date	Earth Temperature 1 ft.	Earth Temperature 4 ft.	RAINFALL: Total Fall	Percentage of Average	Most in a day: Amount	Most in a day: Date	WEATHER Number of Days: Precip'n .01in (0·2mm) or more	Precip'n .04in (1·0mm) or more	Snow	Snow lying	Hail	Thunderstorm	Fog (Morn'g Obs.)	Ground Frost	Gale	BRIGHT SUNSHINE: Daily Mean	Per cent. of Average	Per cent. of Possible
			G.M.T.	ft.	°F.	°F.	°F.	°F.	°F.		°F.		°F.	°F.	mm	in.	%	in.										hr.	%	%
July	90	Hull	..	..	69·4	53·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	91	Hunstanton	..	..	68·2	54·0	61·1	−1·6	..	..	44	8	—	—	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	91	Norwich	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	..	..	..	..	..
,,	91	Walton-on-Naze	..	..	..	..	..	..	..	..	..	..	..	..	41	1·59	—	·50	31	8	6	..	..	..	..	0	0	..	..	..
,,	91	Doncaster	..	..	..	49·7	60·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	92	Parkend	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5·82	..	36
,,	92	Hastings	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	7·21	98	45
,,	92	Long Sutton	..	..	..	..	..	..	..	..	..	..	..	..	62·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	92	Marlborough	..	..	..	..	..	..	..	..	..	..	..	..	61·3	57·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	93	Darwen	..	..	69·6	50·5	60·1	+1·6	86	31	44	8	61·8	56·6	86	3·38	79	·63	10	11	10	0	0	0	2	1	0	—	7·39	*153*	45
,,	93	West Kirby	..	..	..	..	..	..	..	..	..	..	..	..	70	2·75	107	1·30	..	..	..	..	..	..	..	..	..	..	..	..
,,	93	St. Ann's Head	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	14	..	..	..	..	..	..	..	..	..	..
,,	94	Poole	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6·45	—	41
,,	94	Dawlish	..	..	..	55·7	62·3	—	..	..	50	8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	94	Plymouth	..	..	..	..	..	..	..	..	..	..	..	..	..	2·72	..	·73	..	16	11	..	..	..	..	..	..	..	..	..
August	104	Cardross	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2·50	*64*	17S
,,	104	Scarborough	..	..	..	53·7	60·3	*0·0*	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	105	Coventry	..	..	..	52·7	61·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	105	Leamington Spa	..	..	70·1	54·3	62·2	+1·0	83	17	42	12	66·2	61·4	35	1·39	—	·58	20	12	8	0	0	0	1	0	—	—	4·90	*93*	34
,,	106	Hereford	..	..	..	..	..	..	..	..	..	..	..	..	(45)	(1·75)	(67)	(·45)	(5)	(13)	(9)	..	..	..	..	..	..	..	..	..
,,	106	Bexhill	..	..	..	56·5	61·9	*−0·6*	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	106	Hastings	..	..	(67·7)	56·1	(61·9)	(*+0·6*)	—	—	47	12	16·7	62·4	34	1·35	56	·25	5	17	10	0	0	0	2	0	0	0	(7·00)	(101)	(48)
,,	106	Leckford	..	..	..	..	..	..	..	..	..	..	..	..	45	1·76	—	·45	20	17	12	..	..	..	..	..	..	..	..	..
,,	106	Long Sutton	..	..	..	..	..	..	..	..	..	..	65·4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	106	Amesbury	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6·24	—	43
,,	106	Marlborough	..	..	..	..	..	..	..	..	..	..	61·2	58·4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	107	Darwen	..	..	64·0	51·8	57·9	+0·2	72	17	46	12, 26	59·5	57·6	204	8·04	157	1·30	7	26	23	0	0	0	0	0	0	—	3·94	*91*	27
,,	107	Fleetwood	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4·49	—	30
,,	107	Nelson	..	..	62·8	52·3	57·5	—	72	1	46	12	59·5	57·5	175	6·88	—	·94	7	26	20	—	—	—	—	4	0	—	2·74	—	19
,,	107	Long Ashton	..	..	..	..	..	..	..	..	..	..	..	..	108	4·26	121	·79	21	22	14	..	..	..	..	..	..	..	..	..
,,	108	Plymouth	..	..	..	55·2	60·0	*−0·5*	..	..	..	..	..	..	84	3·32	—	·91	20	17	12	..	..	..	..	..	..	..	..	..
,,	108	Fowey	..	..	66·8	55·1	60·9	*−0·4*	76	17	47	12, 24	..	..	83	3·25	—	·84	4	20	17	0	0	1	0	—	—	—	(5·08)	(86)	(35)
September	118	Dunoon	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3·35	..	..
,, *	118	Turnberry	..	..	59·8	49·7	54·7	+0·1	68	9	35	27	—	—	74	2·91	108	·42	7	21	19	0	0	0	0	0	—	0	3·80	89	30
,,	119	Halstead	..	..	67·0	..	57·2	0·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	119	Walton-on-Naze	..	..	65·4	..	58·1	*−0·8*	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	119	Leamington Spa	..	..	64·3	48·4	56·3	*−0·4*	74	11, 13	33	22	59·3	60·1	46	1·81	—	·74	14	14	7	0	0	0	1	5	0	—	4·02	*96*	32
,,	119	Rugby	..	..	64·9	46·3	55·6	+0·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	120	Hereford	..	..	..	..	..	..	..	..	..	..	..	..	75	2·96	160	·46	1	15	12	..	..	..	..	..	..	..	..	..
,,	120	Dungeness	..	..	..	..	..	..	..	..	..	..	..	..	44	1·75	85	·47	9	..	..	..	..	..	..	..	..	..	..	..
,,	120	Lympne	..	..	64·0	..	56·7	*−0·5*	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	120	Leckford	..	..	64·0	47·8	55·9	—	74	12	35	27	56·6	—	51	2·01	—	·74	10	17	9	0	0	0	4	0	—	—	4·94	—	39
,,	120	Long Sutton	..	..	..	..	..	..	..	..	..	..	59·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	121	Manchester (Whitworth Pk.)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	(3·10)	(88)	(24)
,,	121	Holyhead (Valley)	..	..	..	..	..	..	..	..	..	..	..	..	79	3·12	..	..	..	23	14	..	..	..	..	..	..	..	..	..
,,	122	Armagh	..	..	60·6	48·1	54·3	0·0	67	1	34	27	57·3	57·0	52	2·04	83	·35	4	22	16	0	0	—	—	—	0	1	3·24	83	31
October	131	Cape Wrath	..	..	..	..	..	..	..	..	40	6, 7	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	132	Point of Ayre	..	..	..	..	..	..	..	..	..	..	..	..	116	4·58	..	1·00	16	16	12	..	..	..	..	..	..	..	2·86	..	..
,,	132	Ampleforth	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	(7)	..	..	..
,,	133	Huddersfield	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	·48	31	..	..	..	..	..	..	..	..	..	..	..
,,	133	Ilkley	..	..	..	..	..	..	..	..	..	..	..	..	71	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	133	Sutton Bonington	..	..	(57·7)	42·7	(50·2)	(+1·0)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	..	..	..
,,	134	Lympne	..	..	(58·8)	..	(53·7)	(*+2·8*)	(67)	(1)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	134	Seaford	..	..	..	..	..	..	..	..	..	..	..	..	58	2·28	—	·36	19	13	11	..	..	..	..	..	..	..	..	..
,,	134	Bramley	..	..	..	..	..	..	..	..	..	..	..	..	95	3·75	—	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	135	Cannington	..	..	61·0	44·0	52·5	—	66	9	32	15, 26	—	—	72	2·82	—	·61	16	15	9	0	0	0	1	6	6	0	4·07	—	38
,,	136	Newton Abbot	..	..	..	..	..	..	..	..	..	..	..	..	114	4·48	—	..	..	..	..	..	..	..	..	..	..	..	..	..
November	145	Ft. Augustus	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0·57	*58*	7S
,,	147	Market Drayton	..	..	..	..	(41·7)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	147	Oaken	..	..	48·1	..	42·7	..	..	..	..	..	..	..	58	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	148	Dover	..	..	..	..	..	..	..	..	..	..	..	..	..	..	87	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	148	Portsmouth	..	..	50·5	34·4	44·9	*−1·4*	60	2, 3	31	17, 26	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	148	Newport	..	..	..	..	..	..	..	..	..	..	..	..	37	1·44	..	..	..	16	14	..	..	..	..	..	..	..	..	..
,,	149	Appleby	..	..	(46·2)	(34·8)	(40·5)	(*+0·6*)	—	—	—	—	—	—	(53)	(2·08)	(63)	—	—	—	—	—	—	—	—	—	—	—	—	—
,,	149	Manchester (Whitworth Pk.)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	(1·50)	(163)	(17)
,,	149	Nelson	..	..	46·4	37·7	42·1	—	56	2	28	19	42·5	48·5	93	3·64	—	·94	28	17	13	—	—	—	—	10	12	—	1·78	—	21
,,	149	Usk	..	..	..	..	..	..	..	..	..	..	—	..	77	3·03	—	1·05	2	14	13	..	..	..	..	..	10	..	..	..
,,	150	Weymouth	..	..	50·7	41·6	46·1	*−1·0*	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	150	Ilfracombe	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2·00	103	21
,,	150	Bude	..	..	52·9	42·0	47·5	+1·0	60	2, 4	26	19	—	—	72	2·84	80	·54	13	23	15	0	0	7	1	0	—	—	1·95	79	22
December	161	Lowestoft	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	(1·64)	(*108*)	(21)
,,	161	Walton-on-Naze	..	..	..	36·1	40·5	*0·0*	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	161	Rugby	..	..	42·9	31·5	37·2	*−1·9*	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	162	Bodiam	..	..	44·5	..	39·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	162	Long Sutton	..	..	..	32·3	37·9	*−1·4*	..	..	22	11	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	163	Bolton	..	..	..	..	..	..	..	..	..	..	..	..	(65)	(2·56)	(54)	—	—	—	—	..	..	..	..	..	..	..	..	..
,,	163	West Kirby	..	..	..	35·0	39·0	*−1·5*	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
,,	163	Prestatyn	..	..	46·2	36·4	41·3	—	54	26	26	11, 14	—	—	32	1·26	—	·34	21	9	7	0	0	0	0	0	—	—	1·35	—	18
,,	163	Rhyl	..	..	45·3	36·1	40·7	*−1·6*	53	26	25	11, 12	—	—	23	·91	37	·25	17	6	5	0	0	1	0	1	15	0	1·43	102	19
,,	163	Crickhowell	..	..	44·6	33·2	38·9	—	53	26	22	14	—	—	74	2·91	—	·96	8	12	8	1	0	0	0	2	11	—	—	—
,,	163	Cannington	..	..	45·3	36·2	40·7	—	52	1	28	11, 14	—	—	56	2·20	—	·77	8	17	10	0	0	0	0	3	18	0	1·40	—	18
,,	164	Weymouth	..	..	45·5	37·8	41·7	*−2·3*	51	1, 31	31	11	—	—	86	3·38	97	·82	8	12	8	1	0	0	0	0	—	—	1·90	109	24
,,	164	Gulval	..	..	..	38·9	43·1	*−1·9*	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

* Site of sunshine recorder changed on July 1st, 1943.

Returns have not been received from the following stations for the periods stated:—Castlebay (Jan.-Dec.), Ardtornish (Aug.-Dec.), Newton Stewart (June-Dec.), Whitby (Jan.-Apr.), Finningley (Jan.-Feb.), Meltham (Feb.-Dec.). Oundle (Jan.-Dec.), Usk (Sept.-Oct.), Tintagel (Apr.-Dec.).

Lake Vyrnwy:—(i) from Jan. 1941 to May 1943 (incl.) the grass min. readings were taken with an uncertified thermometer: (ii) hour of observation for max., min. and rain 8 h. G.M.T. all year (not 9 h. G.M.T. as printed).

Dawlish:—From July 1939 to Dec. 1943 (incl.) ht. of rain gauge should have been given as 75′ (all other obs. were taken at station height, as printed).

Dover:—Terminal hours of observation, max., min. and rain, Jan.-Mar. (incl.) 7 h., April-Aug. 14th (pm.), 5 h., Aug. 15th-Oct. (incl.) 6 h., Nov.-Dec. (incl.) 9 h.

Totland Bay:—Previous to Feb. 1944 the figures published under days of gale for Totland Bay have been based on a mean hourly velocity of 30 m.p.h. or more, and are not comparable with those at other stations, which refer to Beaufort force 8 or above or a velocity of more than 38 m.p.h. The data given for Totland Bay do not, therefore, represent days of gale according to the Meteorological Office definition.

All data printed under Yarmouth actually refer to Gorleston. Peebles:—Sunshine obscuration effect (S) should have been shown in March, Sept. and Dec.

MONTHLY WEATHER REPORT, 1943.—CORRECTIONS AND ADDITIONS.

TABLE I. DISTRICT VALUES.

Month	*District*			*Month*	*District*		
Jan.	0 Scotland, N.	Temp. difference from average	−0·4	Jan.	Mean 0, 1, 6	Sunshine % of average	94
,,	,,	Rainfall % of average	82	,,	,,	,, % of possible duration	15
,,	,,	Rainfall No. of days diff. from average ..	0	Feb.	5 England, S.E.	Earth temp. 4 ft. diff. from average ..	+2·5
,,	,,	Sunshine % of average	110	June	8 England, W.	Temp. daily mean diff. from average ..	+0·5
,,	,,	,, % of possible duration	14	,,	Mean 2, 3, 4, 7, 8	,, ,, ,, ,, ,, ,, ..	+0·9
,,	8 England, S.W.	Earth temp. 1 ft. diff. from average ..	+1·4	Aug.	5 England, S.E.	Sunshine % average	107
,,	,,	Earth temp. 4 ft. diff. from average ..	+1·7	Sept.	,,	Temp. daily mean diff. from average ..	−0·5
,,	Mean 0, 1, 6	Temp. diff. from average	−0·2	Oct.	2 England, E.	,, ,, ,, ,, ,, ,, ..	+2·1

District 6.—Sunshine percentage values computed from 4 stations, as no records were received from Rothesay, during the periods May-June (incl.), Aug.-Oct. (incl.).

Monthly Weather Report, March, 1943.—In the pressure map, the values of the lines of average pressure should have been 1013, 1012, 1011, 1010, and 1009 mb.

Meteorological Office, Air Ministry, London, W.C.2.

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MONTHLY WEATHER REPORT OF THE METEOROLOGICAL OFFICE

SUMMARY OF OBSERVATIONS COMPILED FROM RETURNS OF OFFICIAL STATIONS AND VOLUNTEER OBSERVERS

PUBLISHED BY HIS MAJESTY'S STATIONERY OFFICE. To be purchased directly from H.M. STATIONERY OFFICE at the following addresses: York House, Kingsway, London W.C.2; 120 George Street, Edinburgh 2; 39–41 King Street, Manchester 2; 1 St. Andrew's Crescent, Cardiff; 80 Chichester Street, Belfast; or through any bookseller.

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JANUARY, 1943.—Unsettled; notably wet except in the north of Scotland.

The weather of the month was distinguished by excessive rainfall except in the north of Scotland where there was a deficiency. The first ten days were cold and the remainder of the month mainly mild.

The month opened with pressure low eastward of the British Isles and high to the south-west. On the 1st a depression west of Scotland moved south-south-east across Ireland causing general precipitation; in its rear, cold north-westerly winds prevailed, with wintry showers. On the 4th a ridge of high pressure moved east over Britain and a shallow depression west of Ireland moved south-east; this was followed on the 5th and 6th by a second disturbance also moving south-east. Weather was unsettled and cold, with occasional precipitation, in the form of sleet or snow in many places. On the 7th a depression over the English Channel moved away eastward, while a ridge of high pressure associated with an anticyclone in the far north spread south-east over Britain; very slight precipitation occurred in many places and somewhat heavier falls were recorded locally in east England and west Ireland. On the 9th and 10th troughs of low pressure moved eastward across the country and were associated with appreciable rainfall, while temperature continued low.

Subsequently a change to milder conditions set in and these conditions persisted on the whole during the remainder of the month. On the 11th and 12th a depression over north-west Ireland moved slowly north, while a vigorous depression moved rapidly east-north-east from a position north of the Azores. There were widespread gales and general rain. This was followed by another active depression, centred well to the north of the Azores on the morning of the 13th, which moved rapidly east-north-east along the English Channel, causing heavy rain in the southern districts of England. A wedge of high pressure moving east was associated with a short fair interval on the 15th, but further rain fell in the west on the night of the 15th–16th. Thereafter conditions were very disturbed on the eastern North Atlantic and secondary depressions and troughs associated with the Atlantic depressions controlled the weather over the British Isles. Rain occurred frequently and temperature was mostly high. A good deal of fog developed at times between the 16th and 24th. Gales were frequent at exposed stations in the west and north from the 24th–31st. On the 30th a vigorous trough moving east over the British Isles was associated with heavy rain and widespread thunderstorms and on the 31st an intense secondary depression moved east-north-east across England to the southern North Sea and caused widespread gales, severe locally, and further heavy rain.

Pressure and Wind.—Mean pressure was substantially below the average, the deviation at 7 h. ranging from −4·7 mb. at Sumburgh, Shetlands, to −11·9 mb. at St. Mary's, Scilly. South-easterly to south-westerly winds were more prevalent than usual. Gales were reported fairly frequently at exposed stations, chiefly in the west and north and mainly on the 1st, 9th–13th, 17th and 24th–31st. The gale of the 30th–31st was widespread and severe in England and Wales and caused extensive damage. Mean hourly velocities of 60 m.p.h. and 57 m.p.h. were registered at Plymouth and Shoeburyness respectively on the 31st and gusts of 80 m.p.h. and 76 m.p.h. at the Lizard and St. Ann's Head on the 30th, and 78 m.p.h., 75 m.p.h., and 74 m.p.h. at Larkhill, Lympne, and Boscombe Down respectively, on the 31st. The latter values are comparatively high for inland stations in south-east England; at Boscombe Down, 74 m.p.h. is the highest speed registered in a gust in a 10-year record.

Temperature.—Mean temperature was generally about equal to, or a little below the average in Scotland and north-east England and rather above the average elsewhere, particularly in south-west England. The deviation from the average for the districts ranged from −0·4°F. in Scotland, E. to +2·5°F. in England, S.W. The first ten days were generally cold and the remainder of the month was mild, particularly the last fortnight. Screen minima of 20°F. or below were registered at numerous stations in Britain on the 4th, 5th, 8th and 9th and day temperatures also were often low during the cold spell. In England and Wales day temperature reached or somewhat exceeded 55°F. on numerous occasions from the 19th–30th.

The extremes for the month were:—(England and Wales) 57°F. at Aber on the 20th, Maldon on the 22nd, Bingley and Llandudno on the 28th and Barnstaple on the 29th and 30th, 13°F. at Buxton on the 8th; (Scotland) 55°F. at Cupar on the 29th, 7°F. at Braemar on the 5th; (Northern Ireland) 53°F. at Garvagh on the 20th, Castlerock on the 20th and 27th and Armagh on the 20th, 27th and 29th, 26°F. at Aldergrove on the 4th.

Precipitation.—The general precipitation expressed as a percentage of the average for the period 1881–1915 was 209 over England and Wales, 120 over Scotland and 152 over Northern Ireland. In England and Wales it was the third wettest January on record, that is since before 1868; in 1939 the percentage of the average was 219 and in 1928, 213. At a few isolated stations the total fall approximated to three times the average; for example at Abergavenny, Monmouth, and at Croydon. In Scotland, broadly speaking, less than the average occurred north and west of a line drawn from Banff to Loche Linnhe and more than 150 per cent. over much of the east and south-east and extreme south-west; more than 200 per cent. was received at one or two stations near the Firth of Tay. The driest area was the Moray Firth, where Nairn had only 46 per cent. In Northern Ireland the excess was greatest in County Down and percentages at individual stations ranged from 121 at Omagh (Tyrone) to 210 at Seaforde (Down). The heavy rainfall of the closing days caused considerable flooding in some areas.

Measurable rain fell very frequently; it was reported on 30 days at Princetown, Falmouth and Fowey and on 31 days at Baltasound, Shetlands.

Among the heaviest falls in 24 hours were:—

11th. 2·57 in. at Fofanny Reservoir (Mourne Mountains).
28th. 3·68 in. at Borrowdale.
30th. 2·63 in. at St. Harmon's (Radnor).

Local thunderstorms occurred frequently for the season; for example, on the 1st, 2nd, 4th, 20th, 21st, 23rd and 25th–31st. They were widespread on the 29th–30th, and in the west and north of Scotland on the 25th and 26th.

Snow or sleet was reported from the 1st–10th and on the 31st; in Scotland and the north of England it fell locally at times outside these periods. At Bellingham there was a fall of 5 inches on the 2nd and it lay to a depth of 4 inches from the 3rd–10th; at Harrogate it was 4 inches deep on the 10th. In Scotland, West Linton had 4 inches on the 2nd and Inverness 3 inches on the 5th; about 7 inches fell on the Ochil Hills on the 31st.

Sunshine.—Sunshine was variable but below the average over Great Britain as a whole. The deficiency was almost general in the western districts of England and also in Scotland, except in the extreme north-west and in the neighbourhood of the Moray Firth, where totals were excessive. In Northern Ireland the month was much sunnier than usual.

Fog.—Fog developed fairly frequently mainly from the 4th–11th, 14th, 16th and 19th–24th. It was thick at times and persistent locally at times.

Miscellaneous Phenomena.—The aurora was seen from some northern stations in Scotland on 12 nights. Solar halos were noted at Oxford on 14 days.

Meteorological Office, Air Ministry: N. K. Johnson, D.Sc., A.R.C.S., Director. 8 *March*, 1943

MWRdup

TABLE I—DISTRICT VALUES— JANUARY, 1943 [1908, revised 1928 and 1941]

DISTRICTS	AIR TEMPERATURE			EARTH TEMPERATURE		RAINFALL		SUNSHINE	
	Highest	Lowest	Daily Mean Difference from Average	At 1 ft Difference from Average	At 4 ft Difference from Average	Percentage of Average	No. of Days Difference from Average	Percentage of Average	Percentage of Possible Duration
	°F	°F	°F	°F	°F	%		%	%
0 SCOTLAND, N.	52	11		—	—				
Eastern									
1 SCOTLAND, E.	55	7	-0·4	—	—	121	+2	90	18
2 ENGLAND, N.E.	55	15	-0·1	-0·5	-0·2	188	+4	102	20
3 ENGLAND, E.	57	21	+1·3	+0·2	+0·5	247	+6	98	19
4 MIDLAND COUNTIES ..	57	13	+1·4	+0·2	+0·1	218	+6	98	18
5 ENGLAND, S.E.	56	21	+2·1	+0·8	+0·9	231	+6	94	19
Western									
6 SCOTLAND, W.	53	12	+0·1	+1·2	+0·9	141	+3	81	13
7 ENGLAND, N.W. (and N. Wales)	57	16	+0·2	0·0	0·0	175	+7	83	16
8 ENGLAND, S.W. (and S. Wales)	57	24	+2·5	+1·3	+1·6	203	+8	79	16
NORTHERN IRELAND	56	26	+1·3	—	—	152	+6	127	23
MEAN 0, 1, 6 ..	—	—		—	—	—	—		
MEAN 2, 3, 4, 5, 7, 8	—	—	+1·3	—	—	—	—	92	18

TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— JANUARY, 1943 [1914]

DISTRICT AND STATION	Height of Vane			Distribution of Wind ‡‡								Extreme Velocities								
				More than 38 mi/hr		25 to 38 mi/hr		13 to 24 mi/hr	4 to 12 mi/hr	Less than 4 mi/hr	No Record	Highest Hourly Wind				Highest Gust				
	Above Mean Sea Level	Above Ground	Effective Height	Dates of Occurrence	Duration	No. of days	Duration	Duration	Duration	Duration	Duration	Veer from N.	Speed		Hour ended at	Speed		Time		
	ft	ft	ft		hr		hr	hr	hr	hr	hr	°	mi/hr	m/s	day hr	mi/hr	m/s	d	h	m
0 SCOTLAND, N.																				
Shetland Lerwick	310	53	39	9–13; 26	44	17	224	231	199	46	0	170	48	22	10 08	69	31	10	07	15
Orkney Kirkwall	170	40	35	9–11	10	11	103	273	290	68	0	180	43	19	10 05	66	29	10	02	40
Hebrides Stornoway	120	40	36	9–11; 17; 24–28	35	19	222	216	161	110	0	180	49	22	24 17	72	32	17	14	25
1 SCOTLAND, E.																				
Aberdeen Aberdeen	120	41	32	–	0	4	8	214	345	177	0	150	28	12	11 13	59	27	11	14	35
Angus Bell Rock Lighthouse	130	—	126	1; 9–12; 17; 25–26; 29–31	54	24	238	260	154	38	0	180	56	25	9 23	72	32	9	22	05
Edinburgh Edinburgh	485	39	23	24–25	3	10	48	264	333	96	0	180	42	19	25 01	62	28	25	01	05
6a SCOTLAND, W.																				
Argyll Tiree	75	50	42	9; 11; 17; 25	7	21	238	320	168	11	0	130	43	19	9 22	65	29	29	13	10
Renfrew Paisley	188	81	31	–	0	3	10	169	404	161	0	180	33	15	25 01	61	27	25	01	20
Renfrew (Abbotsinch)	65	46	34	–	0	2	4	132	372	236	0	200	32	15	24 19	56	25	25	00	20
Dumfries Eskdalemuir ..	825	50	35	–	0	10	53	209	255	227	0	200	37	17	31 14	56	25	31	12	20
6b ISLE OF MAN																				
Isle of Man Point of Ayre ..	70	40	35	9–11	14	24	195	367	145	23	0	160	45	20	11 08	65	29	11	08	00
2 ENGLAND, N.E.																				
Durham South Shields ..	73	57	44	–	0	4	16	184	361	183	0	360	39	17	1 19	55	25	31	14	10
Durham	389	53	33	–	0	3	8	318	276	142	0	210	35	16	31 15	66	29	31	14	20
Yorks., N.R. Catterick	220	45	33	–	0	2	4	126	360	254	0	230	28	13	31 14	56	25	31	13	50
Yorks., E.R. Spurn Head ..	64	42	34	1; 9; 10; 31	17	18	167	331	187	42	0	190	48	21	31 14	68	30	31	13	25
Lincoln Cranwell	284	43	33	31	5	11	55	376	234	74	0	(200)	42	19	31 14	68	30	31	13	10
3 ENGLAND, E.																				
Norfolk Gorleston	52	42	34	31	8	14	94	253	320	69	0	190	46	21	31 13	68	30	31	12	15
Suffolk Mildenhall	98	83	58	–	0	9	38	356	302	28	20	200	38	17	31 15	73	33	30	11	00
Bedford Cardington ..	285	150	135	–	0	9	59	306	316	60	3	190	50	22	31 15	72	32	31	14	40
Dunstable	567	55	33																	
Essex Shoeburyness ..	115	104	89	31	11	14	89	388	227	29	0	190	57	26	31 14	76	34	31	14	45
4 MIDLAND COUNTIES																				
Leicester Leicester	385	60	33	–	0	2	5	130	426	169	14	190	28	13	1 22	62	28	31	11	30
Warwick Birmingham ..	643	118	73	–	0	4	17	251	429	47	0	190	34	15	31 11	60	27	31	12	55
5 ENGLAND, S.E.																				
London Southgate	222	30	—	–	0	0	0	32	254	458	0	–	24	11	31 15	57	26	31	12	10
Surrey Kew Observatory ..	92	75	50	–	0	3	12	202	423	107	0	210	34	15	31 15	71	32	31	14	00
Kent Lympne	418	76	48	31	4	7	63	259	394	24	0	210	43	19	31 16	75	33	31	15	20
Manston	199	46	40	31	4	9	45	275	363	57	0	200	40	20	31 13	68	30	31	13	15
Hants Thorney Island ..	75	65	45																	
Wiltshire Boscombe Down ..	462	45	33	31	8	13	58	332	313	33	0	190	49	22	31 13	74	33	31	12	30
Larkhill	491	51	36	31	7	10	41	251	395	50	0	190	47	21	31 14	78	35	31	13	15
7a ENGLAND, N.W.																				
Lancashire Fleetwood	112	50	31							Defective										
Southport	60	42	33	–	0	6	25	31	368	29	5	250	37	17	31 14	57	25	31	09	45
Cheshire Bidston Obs'y. ..	262	64	39	–	0	8	49	317	317	49	12	250	36	16	31 13	61	27	31	12	35
Manchester (Ringway) ..	315	80	40	31	4	13	95	341	254	50	0	170	41	18	31 11	59	26	31	10	30
7b NORTH WALES																				
Anglesey Holyhead	68	43	35	1; 2	6	20	136	370	154	25	53	Def.	41	18	1 12	65	29	31	10	10
Flint Sealand	81	65	42							Defective										
8a SOUTH WALES																				
Pembroke St. Ann's Head ..	212	70	—	1; 9–11; 20; 28; 30–31	44	24	258	286	137	19	0	190	50	22	31 06	76	34	30	06	45
8b ENGLAND, S.W.																				
Devon Plymouth	185	88	65	10–12; 25	30	19	131	249	264	70	0	–	60	27	31 08	78	35	31	09	10
Cornwall The Lizard	315	75	60	28; 30–31						Defective										
Pendennis Castle ..	256	65	42																	
NORTHERN IRELAND																				
Antrim Aldergrove	328	60	42	–	0	4	21	265	358	100	0	110	32	14	11 05	57	25	11	05	20
SCILLY ISLES																				
St. Mary's	230	65	57	1; 11–12; 31	27	21	206	349	138	24	0	230	48	21	11 05	74	33	11	19	10

MONTHLY WEATHER CHARTS JANUARY 1943

1. WIND AND MEAN PRESSURE. 7 A.M.

The dotted lines indicate the normal distribution of pressure in millibars based on 35 years' observations, 1881—1915

WIND ROSES. *The arrows fly with the wind and indicate frequency and force, thus :*

LIGHT MODERATE TO STRONG GALE — 30 Obs = 1 inch

2. MOVEMENTS OF DEPRESSIONS.

Positions of centres are shewn thus:- O at 1h; ● at 7h; □ at 13h; X at 18h.

3. DISTRIBUTION OF MEAN TEMPERATURE

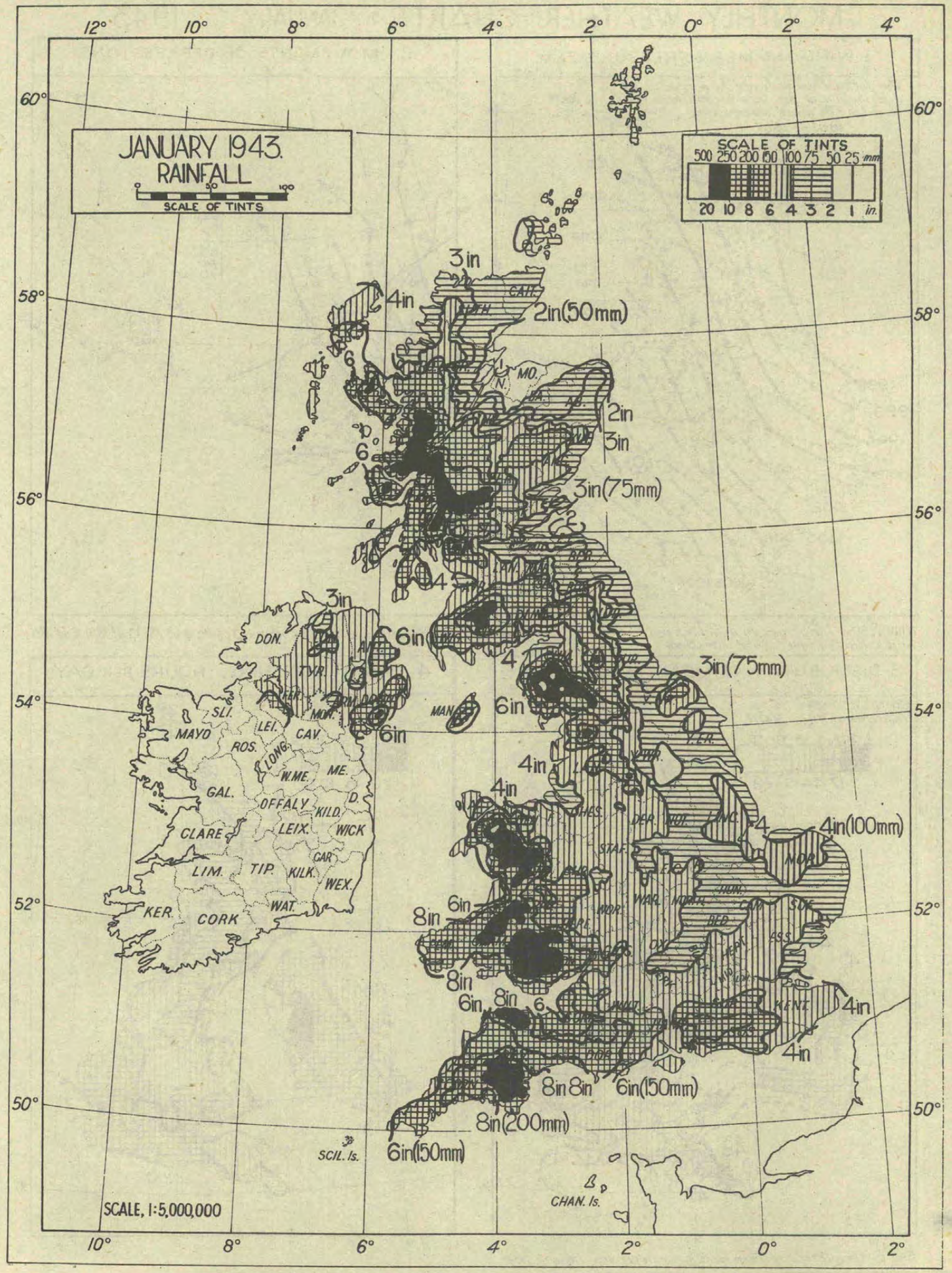
Reduced to sea level by a correction of 1°F. for 300 ft.

SCALE OF TINTS 47 44 41 38

Sea temperatures are shewn by figures in circles, thus : (50)

4 BRIGHT SUNSHINE, HOURS PER DAY

SCALE OF TINTS 2.0 1.5 1.0 0.5 hrs.



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

TABLE III—Summary of Observations of Temperature, Rainfall, Sunshine and Weather JANUARY, 1943

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation Max. Min. Rain	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES FAHRENHEIT: Means of A Max.	B Min.	Mean of A and B	Difference from Average	Absolute Maximum and Minimum: Maximum	Date	Minimum	Date	Earth Temperature 1 ft	4 ft	RAINFALL: Total Fall mm	in	Percentage of Average	Most in a day: Amount in	Date	WEATHER Number of days: Precip'n 0·1in (0·2 mm) or more	0·4in (1·0 mm) or more	Snow	Snow lying	Hail	Thunderstorm	Fog (Morn'g Obs.)	Ground Frost	Gale	BRIGHT SUNSHINE: Daily Mean	Percentage of Average	Percentage of Possible	
		G.M.T.	ft	°F	°F	°F	°F	°F		°F		°F	°F	mm	in	%	in											hr	%	%	
0	SCOTLAND, N.																														
Shetland	Baltasound ..	9 9 9	31	43·0	35·5	39·3	+0·1	48	28	27	5,6	39·5	–	119	4·67	99	·50	17	31	23	7	9	2	0	–	–	6	0·51	89	8	
	Lerwick Obsy. ¶§	9 9 9	269																												
	Sumburgh (Links)	18–7 7	19	43·4	38·2	40·8	–	49	16	28	4	–	–	105	4·12	–	·48	30	27	20	10	8	7	0	0	9	5	0·79	110	12	
Orkney	Kirkwall .. ¶§	9 9 9	113	42·7	36·5	39·6	+0·3	48	28	28	5	39·8	–	73	2·86	79	·38	20	26	19	5	4	3	1	1	10	3	0·93	84	13	
Hebrides	Benbecula ..	18–7 7	27	45·2	38·7	41·9	–	50	21	30	6	–	–	127	5·01	–	·63	9	24	21	5	2	7	0	0	(7)	6	–	–	–	
	Castlebay ..	9 9 9	—																												
	Stornoway ¶§	18–7 7	12	44·8	37·3	41·1	-0·1	50	22,25,28	25	5	–	–	108	4·27	87	·61	9	24	18	5	6	3	3	0	11	8	1·30	148	18	
Skye	Duntuilm ..	9 9 9	294	44·1	37·7	40·9	–	50	20	27	6	–	–	130	5·13	–	·76	30	24	22	2	1	3	4	0	10	5	1·08	–	15	
Caithness	Wick	18–7 7	114	43·0	35·9	39·5	-0·3	49	5,25,28	18	5	–	–	59	2·32	94	·29	17	22	21	5	4	4	0	1	10	3	–	–	–	
Sutherland	Cape Wrath ..	18–7 7	367	43·7	37·0	40·3	–	50	24	29	5,9	–	–	97	3·83	–	·56	24	23	20	4	5	6	2	0	6	1	–	–	–	
Ross & Cromarty	Achnashellach ..	9 9 9	225	44·3	33·8	39·1	-0·2	52	24,28	22	5,6	–	–	154	6·06	67	·73	24	24	22	6	5	0	1	0	–	–	–	–	–	
	Fortrose	9 9 9	69	43·3	33·6	38·5	-0·8	51	24	25	5,6,8	–	–	31	1·24	–	·16	25	20	9	5	3	0	1	0	–	0	1·61	111	27	
	Invergordon ..	18–7 7	26	42·5	34·1	38·3	–	52	28	26	8	–	–	28	1·12	–	·16	20	14	10	4	2	3	1	1	22	2	–	–	–	
Inverness	Dalwhinnie ..	18–7 7	1176	38·0	30·8	34·4	–	47	27	11	8	–	–	164	6·45	–	·89	11	23	20	9	12	0	0	1	18	0	0·60	–	8	S
	Ft. Augustus ¶§	9 9 9	68	43·4	32·7	38·1	-0·2	51	24,27	18	5	–	–	116	4·55	84	·70	25	22	18	3	4	1	1	1	–	1	0·60	99	8	S
	Ft. William ..	9 9 9	34	44·4	35·6	40·0	+0·8	52	24	25	4,5	39·1	43·3	211	8·29	85	1·07	27	22	20	1	4	3	1	0	9	0	0·23	50	3	S
	Inverness ¶§	9 9 9	242	42·8	33·1	37·9	-1·1	50	24,27	22	5,6	–	–	39	1·53	60	·35	29	16	12	9	8	0	1	0	17	0	1·60	111	21	
	Onich	9 9 9	48	45·1	36·7	40·9	–	52	24,28	25	4	–	–	215	8·47	103	1·02	27	22	21	3	5	2	1	0	10	0	0·65	80	9	S
1	SCOTLAND, E.																														
Nairn	Nairn .. ¶§	9 9 9	20	43·8	33·1	38·5	-0·3	52	28	22	8	–	–	23	0·91	46	·17	25,31	11	7	6	3	0	0	0	25	0	1·78	123	25	
Moray	Forres	9 9 9	155	43·7	32·7	38·2	–	54	28	25	8,9	–	–	28	1·09	–	·18	25	14	10	2	9	0	0	0	26	0	1·85	–	25	
	Gordon Castle ..	2121 9	104	43·3	33·3	38·3	-0·6	53	28	23	4,8	–	–	48	1·90	94	·43	2	16	13	2	8	1	0	–	–	–	–	–	–	
	Lossiemouth ..	18–7 7	21	43·1	33·2	38·1	–	53	28	21	8	–	–	32	1·26	–	·28	2	17	8	7	2	1	0	0	–	3	–	–	–	
Banff	Banff	9 9 9	130	42·3	34·6	38·5	-0·4	50	28	25	5,8	–	–	50	1·97	114	·33	31	21	13	2	0	3	0	0	11	5	1·21	86	17	S
Aberdeen	Aberdeen ¶§	242424	79	42·4	35·2	38·8	-0·2	49	28	19	5	37·2	40·7	75	2·95	135	·58	21	20	16	4	3	2	0	7	16	0	1·33	89	18	
		18–7 –	—	41·9	35·4	38·7	-0·8																								
	Balmoral	9 9 9	927	39·5	28·3	33·9	-1·3	49	27,28	12	8,9	–	–	82	3·22	117	·59	11	18	15	3	11	0	0	–	26	1	–	–	–	
	Braemar	2121 9	1111	39·3	27·4	33·3	-1·6	48	28	7	5	–	–	113	4·43	139	1·02	11	20	17	10	12	0	0	1	20	–	0·64	–	9	S
	Craibstone ..	9 9 9	300	41·2	33·0	37·1	-1·0	49	28	18	5	36·8	40·2	83	3·25	141	·57	12	19	14	6	9	1	0	–	25	–	1·41	75	19	
	Dyce	18–7 7	241	40·5	32·9	36·7	–	49	26,28	12	5	–	–	77	3·04	–	·55	12	19	14	9	9	0	0	1	20	0	–	–	–	
	Tarland	9 9 9	540	39·6	29·3	34·5	–	51	28	16	8,9	–	–	76	2·98	–	·55	11	21	13	7	(11)	0	0	–	–	1	–	–	–	
Kincardine	Stonehaven ..	9 9 9	12	43·8	32·8	38·3	–	49	27,28	19	5	–	–	86	3·39	–	·57	9	23	19	2	3	0	0	1	–	2	1·36	–	18	
Angus	Arbroath	9 9 9	93	43·5	32·9	38·2	-0·5	50	28	22	5	–	–	81	3·20	179	·49	31	16	14	1	0	3	0	4	19	0	1·35	72	18	
	Buddon Ness ..	9 9 9	15	42·6	32·2	37·4	–	50	27,28	17	5	–	–	80	3·16	–	·55	31	18	14	5	0	2	0	1	–	3	–	–	–	
	Dundee .. ¶§	9 9 9	147	43·3	32·4	37·9	-0·4	51	27,28	23	5	36·2	–	81	3·17	164	·67	9	19	14	3	1	0	0	–	23	0	1·14	66	15	
	Kettins	9 9 9	218	41·0	31·9	36·5	-0·4	50	28	22	5	35·4	–	141	5·55	212	1·09	9	22	16	5	4	3	0	3	16	3	–	–	–	
	Montrose	9 9 9	16	42·8	34·2	38·5	0·0	50	27,28	25	5	–	–	80	3·15	–	·45	31	22	15	3	0	1	0	1	–	2	1·32	80	18	
	,, (Airfield)	18–7 7	22	42·4	34·9	38·7	–	50	28	23	5	–	–	78	3·06	–	·46	31	15	14	7	2	1	0	0	(14)	0	–	–	–	
Perth	Errol	18–7 7	31	42·2	33·6	37·9	–	52	28	22	5,6	–	–	89	3·50	–	·55	31	21	17	6	3	3	1	1	17	1	–	–	–	
	Longforgan ..	9 9 9	166	41·7	33·2	37·5	–	51	28	24	4,5	–	–	85	3·34	–	·59	31	24	15	7	1	1	0	2	21	1	1·07	–	–	
	Perth	9 9 9	76	42·0	33·3	37·7	-0·2	51	27,28	24	5	–	–	98	3·85	153	·76	20	22	16	6	4	0	0	–	–	3	0·79	58	10	
Fife	Cupar	9 9 9	210	42·4	33·5	37·9	-0·2	55	29	23	5	–	–	106	4·16	–	·67	31	23	16	4	3	0	0	–	–	0	–	–	–	
	Dunfermline ..	9 9 9	237	42·0	34·1	38·1	–	52	28	22	4	38·9	42·3	77	3·03	–	·59	31	20	13	8	8	2	1	13	17	0	0·82	–	11	
	Kirkcaldy ..	9 9 9	137	42·6	32·0	37·3	-2·4	52	28	21	4	–	–	90	3·55	–	·62	31	18	16	5	4	0	0	–	–	0	0·85	–	11	
	Leuchars ..	18–7 7	36	42·7	35·5	39·1	+0·2	52	28	23	5	–	–	81	3·17	174	·59	31	19	15	6	4	1	0	1	18	0	1·20	64	16	
	Lundin Links ..	9 9 9	40	43·9	34·6	39·3	–	52	28	24	5	–	–	71	2·80	–	·52	31	15	14	2	0	0	0	–	0	0	0·85	–	11	
	St. Andrews ..	9 9 9	13	43·2	33·0	38·1	-0·8	53	28	21	5	41·8	42·6	104	4·08	215	·72	10	17	13	7	2	1	0	0	16	2	1·09	70	14	
Mid Lothian	Balerno	9 9 9	750	40·9	33·5	37·2	–	49	27	20	4	–	–	91	3·58	–	·43	31	22	17	4	(10)	0	0	2	(20)	0	1·25	–	16	
	Edinburgh—																														
	Blackford H. ¶§	2121 9	441	42·6	35·1	38·9	-0·2	51	28	24	4	–	–	53	2·09	119	·38	31	19	16	5	4	1	0	2	11	5	1·32	80	17	
	Botanic Garden	9 9 9	74	43·4	33·3	38·3	–	54	28	22	5	–	–	54	2·14	–	·46	31	23	14	5	1	1	0	10	20	–	0·71	–	9	
	Univ. King's B.	9 9 9	225	43·3	34·8	39·1	–	52	27	22	5	37·2	41·7	57	2·24	–	·37	31	17	14	–	–	–	–	–	–	–	–	–	–	
	Boghall	9 9 9	639	42·1	33·3	37·7	-0·5	51	31	23	4,5	36·7	40·4	75	2·93	–	·48	2	24	15	9	11	0	0	1	16	–	1·08	60	14	
	Liberton ..	9 9 9	190	43·2	34·1	38·7	–	53	27	21	5	–	–	58	2·29	–	·38	31	21	15	3	0	0	0	–	–	–	–	–	–	
E. Lothian	Dunbar	9 9 9	75	44·3	33·9	39·1	–	54	28	25	5	–	–	39	1·52	–	·34	31	16	12	6	0	2	0	0	15	0	1·46	–	19	
	N. Berwick ..	9 9 9	118	42·9	34·7	38·8	-0·9	52	28	23	5	–	–	42	1·67	102	·22	1	19	12	5	2	0	0	0	14	0	0·97	66	13	
Berwick	Marchmont ¶§	9 9 9	498	42·3	30·5	36·4	-0·9	51	28	20	5	–	–	79	3·13	139	·44	31	26	15	5	5	0	0	–	–	0	1·19	91	16	S
	St. Abb's Head	18–7 7	280	42·2	36·5	39·3	–	51	28	28	9	–	–	71	2·78	–	·60	31	18	11	4	1	1	0	2	–	0	–	–	–	
Peebles	Peebles	9 9 9	—	41·8	31·0	36·4	–	51	27,28	10	4	–	–	107	4·23	–	·72	11	24	21	8	8	0	0	0	14	0	0·76	–	10	
	West Linton ..	9 9 9	820	40·3	30·6	35·5	-0·2	49	27	13	8	35·7	40·5	87	3·41	–	·42	1	22	20	4	11	0	0	8	23	0	–	–	–	
Roxburgh	Kelso (Br'ml'ds)	9 9 9	193	42·8	31·4	37·1	-0·7	52	21	18	5	–	–	68	2·68	153	·50	31	21	14	8	0	0	0	6	–	–	–	–	–	
	Wolfelee	9 9 9	537	41·0	30·6	35·8	-1·0	49	27,28	15	4	–	–	145	5·70	178	·72	16	23	19	7	10	1	0	1	–	1	–	–	–	

¶§, S *See* Notes on Tables in Annual Summary.

TABLE III (*continued*)—Summary of Observations of Temperature, Rainfall, Sunshine and Weather JANUARY, 1943

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation: Max. Min. Rain	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES FAHRENHEIT: Means of A Max.	B Min.	Mean of A and B	Difference from Average	Absolute Maximum and Minimum: Maximum	Date	Minimum	Date	Earth Temperature 1 ft	4 ft	RAINFALL: Total Fall mm	in	Percentage of Average	Most in a day: Amount in	Date	WEATHER Number of days: Precip'n ·01in (0·2 mm) or more	·04in (1·0 mm) or more	Snow	Snow lying	Hail	Thunderstorm	Fog (Morn'g Obs.)	Ground Frost	Gale	BRIGHT SUNSHINE: Daily Mean	Percentage of Average	Percentage of Possible
		G.M.T.	ft	°F	°F	°F	°F	°F		°F		°F	°F	mm	in	%	in												hr	%	%
6a SCOTLAND, W.																															
Argyll	Ardtornish ..	2121 9	48	45·8	35·6	40·7	+0·6	52	27	26	7,8	–	–	253	9·94	–	1·50	9	26	25	4	0	2	1	–	12	0	–	–	–	
	Colonsay ..	9 9 9	87	45·3	37·2	41·3	–	50	24,27	25	4	–	–	139	5·47	–	·71	12	29	20	3	0	4	1	–	–	1	–	–	–	
	Dunoon (Benmore)	9 9 9	46	45·1	33·9	39·5	–	53	27	23	4	38·3	40·3	282	11·09	–	1·38	16	25	23	7	2	1	0	2	23	0	0·55	–	7	S
	Dunoon	9 9 9	132	45·7	34·9	40·3	–	51	26,28,30	23	8	–	–	197	7·74	–	1·23	4	21	21	5	1	0	0	–	12	–	0·55	–	7	
	Glenbranter ..	9 9 9	120	43·3	35·4	39·3	+0·2	50	20,24,28	20	4	–	–	307	12·08	–	1·55	16	24	22	3	0	0	1	0	15	–	–	–	–	
	Oban	9 9 9	229	43·9	36·8	40·3	–	50	19	28	4	–	–	147	5·78	–	·75	20	22	18	0	0	3	0	0	6	0	0·87	81	12	
	Tiree .. ¶§	18–7 7	44	45·4	40·5	42·9	+0·9	51	27	30	4	–	–	127	4·99	116	·58	30	25	20	4	0	4	2	0	1	2	1·17	98	16	
Bute	Rothesay ¶§	2121 9	200	43·9	36·4	40·1	-0·2	50	27,28,29	28	4	39·7	42·5	137	5·40	120	·74	16	21	15	4	0	1	0	0	9	3	1·18	104	15	
Dumbarton	Cardross	9 9 9	130	43·0	33·7	38·3	-0·4	50	27	24	4	–	–	141	5·56	–	·91	9	19	18	2	2	0	0	0	–	0	0·67	64	9	S
	Helensburgh ..	9 9 9	293	42·0	34·2	38·1	-1·0	49	21,24,28	21	5	–	–	135	5·33	96	·73	9	26	24	5	2	1	0	5	–	0	0·47	44	6	
Stirling	Balfron	9 9 9	342	41·9	33·5	37·7	–	50	27,28	12	4	–	–	166	6·52	–	1·26	9	25	20	6	7	0	0	1	–	0	–	–	–	
	Stirling	9 9 9	151	42·2	35·1	38·7	-0·4	51	27,28	24	4,5	36·7	41·2	139	5·45	–	1·03	16	21	17	7	3	2	0	8	(18)	–	0·69	64	9	S
Renfrew	Greenock ..	9 9 9	199	43·6	37·1	40·3	+0·5	51	27,28	28	4	–	–	181	7·14	111	1·14	24	23	20	6	2	0	0	16	5	0	0·37	–	5	S
	Paisley	2121 9	106	43·0	36·3	39·7	0·0	52	28	26	4	38·5	44·1	117	4·62	116	·65	16	23	16	5	1	0	0	6	13	0	0·53	51	7	S
	Abbotsinch ¶§	18–7 7	19	42·5	36·3	39·4	-0·1	52	27	22	4	–	–	118	4·64	139	·61	24	24	17	7	2	0	0	3	12	0	0·69	62	9	
Lanark	Carluke ..	9 9 9	534	41·4	34·3	37·9	–	50	27	20	4	–	–	75	2·94	–	·42	1	24	16	8	7	1	0	1	13	0	0·85	–	11	
	Dungavel ..	9 9 9	798	40·5	31·7	36·1	-0·6	48	27	19	4	–	–	152	5·98	–	1·11	24	23	20	6	8	1	0	1	18	0	–	–	–	
	Glasgow, Spr.' Pk.	9 9 9	351	41·4	34·1	37·7	–	50	27	23	4	–	–	111	4·36	–	·68	9	25	19	5	1	0	0	–	23	–	0·23	–	3	
Ayr	Auchincruive ..	9 9 9	89	44·2	35·6	39·9	–	51	20,27	20	4	39·8	43·6	99	3·90	–	·63	24	25	17	0	0	1	0	0	13	0	1·05	–	14	
	Ayr	9 9 9	43	46·6	36·0	41·3	–	53	27	21	4	–	–	90	3·56	–	·73	24	22	19	0	0	0	0	0	12	0	1·05	–	14	
	Colmonell ..	9 9 9	170	44·8	35·7	40·3	0·0	51	27,28	22	4	–	–	178	7·01	162	1·02	16	25	22	1	0	0	0	0	14	5	–	–	–	
	Kilmarnock ..	9 9 9	130	43·8	34·3	39·1	-0·2	51	27	20	4	39·9	44·2	104	4·11	–	·69	24	21	15	3	0	0	0	0	12	3	0·88	83	11	
	Prestwick ..	9 9 9	17	44·0	36·6	40·3	–	51	27,28	25	4	–	–	97	3·81	–	·69	24	21	16	2	0	0	0	2	4	0	1·37	–	18	
	Troon	9 9 9	15	45·9	37·3	41·6	–	51	20,21,27	27	4,8	–	–	87	3·44	–	·50	24	18	14	2	0	0	0	2	6	0	0·83	–	11	
	Turnberry ..	9 9 9	30	45·3	36·5	40·9	-0·2	52	27	28	4	–	–	79	3·13	104	·49	24	19	17	3	0	0	0	0	–	0	0·97	78	13	S
Dumfries	Dumfries.. ¶§	9 9 9	140	43·1	34·7	38·9	-0·2	50	27,28	23	4,8	39·9	43·2	144	5·69	177	·85	9	23	18	6	2	1	1	3	19	–	1·02	75	13	
	Eskdalemuir ¶§	242424	794	40·4	32·2	36·3	+0·2	50	26	18	8	39·0	43·5	208	8·18	151	1·03	25	26	20	10	7	3	1	0	14	1	0·76	67	10	
		18–7 –	—	40·0	33·0	36·5	0·0																								
	Ruthwell.. ..	2121 9	67	42·6	33·6	38·1	-0·6	49	21	19	4	–	–	106	4·19	–	·52	16	18	16	1	0	0	0	–	–	0	0·73	57	9	S
Kirkcudbright	Glenlee	9 9 9	181	43·1	33·8	38·5	–	52	27	19	8	–	–	263	10·36	–	1·43	9	24	20	5	3	0	0	2	16	0	–	–	–	
Wigtown	Newton Stewart	9 9 9	75	43·5	34·9	39·2	–	50	27	20	4,5,6	–	–	179	7·04	–	·95	8	24	22	3	0	1	0	1	–	0	–	–	–	
6b ISLE OF MAN																															
ISLE OF MAN																															
Isle of Man	Douglas	9 9 9	284	45·7	38·8	42·3	+0·8	50	20,27,31	27	4	–	–	173	6·80	203	·97	16	26	24	3	–	1	0	2	3	3	1·85	109	23	
	Point of Ayre ..	18–7 7	30	46·3	40·0	43·1	–	53	28	26	4	–	–	115	4·53	–	·56	31	26	21	1	0	2	0	1	–	4	1·79	–	23	
2 ENGLAND, N.E.																															
ENGLAND AND WALES																															
Northum-berland	Berwick-on-T. ..	9 9 9	76	43·9	34·9	39·4	-0·2	52	28	21	5	–	–	49	1·94	122	·25	6,20	16	14	6	0	5	0	0	16	1	1·81	97	24	
	Bellingham ..	9 9 9	849	39·7	30·5	35·1	-0·6	48	27	19	4	–	–	113	4·45	156	·52	31	25	21	10	14	0	0	2	–	–	–	–	–	
	Cockle Park ¶§	2121 9	325	42·0	33·4	37·7	-0·2	53	28,31	25	4,5	36·5	39·0	77	3·02	142	·51	6	23	17	6	5	0	0	2	15	0	1·76	106	23	
	Ouston	18–7 7	426	40·9	33·3	37·1	–	52	28	20	4	–	–	68	2·67	–	·40	1	18	13	10	9	2	0	2	17	1	–	–	–	
	Tynemouth ..	18–7 7	108	43·3	37·5	40·4	-0·3	55	31	26	4	–	–	61	2·41	148	·35	31	20	14	4	2	0	0	1	10	3	1·50	–	19	
Durham	Chopwellwood ..	9 9 9	446	42·3	33·2	37·7	+0·2	52	28,29,31	22	4	–	–	73	2·86	129	·32	31	23	15	4	10	0	0	1	17	–	1·48	90	19	
	Durham .. ¶§	2121 9	336	42·4	31·2	36·8	-1·1	54	31	20	8	–	–	80	3·16	193	·42	30	23	20	5	–	0	0	5	14	0	1·56	96	20	
	Houghall.. ..	9 9 9	160	43·7	32·1	37·9	-0·2	55	31	18	9	–	–	92	3·63	–	·55	30	22	20	6	9	0	1	6	18	0	1·38	86	18	
	Ushaw College ..	9 9 9	594	41·9	32·9	37·4	-0·1	51	28,31	23	4	–	–	93	3·64	177	·67	25	21	18	6	4	0	1	10	–	–	–	–	–	
Yorks., N. Riding	Ampleforth ..	9 9 9	313	42·5	33·5	38·0	+0·1	54	28	25	8	–	–	111	4·38	–	·49	6	24	20	4	7	0	0	5	16	–	1·33	–	17	
	Castleton ..	9 9 9	450	41·6	31·5	36·5	–	52	28,31	15	9	37·9	–	132	5·18	–	·86	30	21	20	6	11	0	0	0	16	–	–	–	–	
	Catterick.. ..	18–7 7	175	42·0	35·0	38·5	–	55	31	20	9	–	–	92	3·62	–	·50	31	23	16	4	7	1	1	10	14	0	1·63	–	21	
	Linton-on-Ouse ..	18–7 7	46	42·5	34·7	38·6	–	55	28,31	19	9	–	–	86	3·37	–	·41	25	22	19	5	7	2	1	6	14	0	–	–	–	
	Redcar	9 9 9	25	44·0	36·0	40·0	–	55	31	26	5	–	–	63	2·49	–	·38	30	22	15	–	–	–	–	5	–	–	1·25	–	16	
	Scarborough †¶§	9 9 9	118	44·6	36·5	40·5	+0·4	55	28	29	4,9	–	42·4	79	3·12	156	·40	6	19	14	4	1	0	0	4	13	–	1·27	88	16	
	Thornaby ..	18–7 7	60	43·7	35·2	39·5	–	55	21,31	23	4,9	–	–	66	2·62	–	·31	25	19	16	5	8	1	1	4	14	1	–	–	–	
	Whitby	9 9 9	148																												
	York .. ¶§	9 9 9	57	43·6	34·7	39·1	-0·4	55	28	25	4,8	39·0	43·5	89	3·52	199	·50	9	20	18	5	7	0	0	–	–	0	1·19	110	15	
Yorks., E. Riding	Bridlington ..	2121 9	76	43·2	34·4	38·8	-0·2	54	28	26	4,5	–	–	94	3·71	–	·57	6	26	18	5	5	1	0	3	–	–	1·35	85	17	
	Driffield ..	18–7 7	65	42·8	34·0	38·4	–	55	28	19	9	–	–	99	3·89	–	·59	31	21	14	6	7	2	0	3	14	0	–	–	–	
	Hull	2121 9	8	44·0	35·8	39·9	+0·4	55	28	26	24	–	42·8	87	3·43	191	·57	6	23	17	4	10	0	1	0	17	–	1·53	127	19	
	Spurn Head ..	18–7 7	29	42·5	37·1	39·8	-0·3	52	28,31	29	4	–	–	73	2·86	182	·40	6	18	17	6		0	0	1	–	2	1·83	110	23	
Lincoln	Boston—																														
	(Freiston Road)	2121 9	16	44·1	36·4	40·3	–	54	28,31	25	4,9	–	–	109	4·29	–	·81	6	23	16	5	4	1	0	3	16	–	–	–	–	
	(North Sea Camp)	18–7 7	10	43·6	36·4	40·0	–	54	28	26	4,9	–	–	109	4·31	–	·72	6	23	18	4	3	2	0	3	–	–	1·83	–	23	
	Cranwell .. ¶§	18–7 7	203	43·6	35·4	39·5	+0·5	55	28	21	9	38·6	40·9	109	4·27	249	·69	31	22	17	6	7	1	0	9	11	1	1·98	112	24	
	Cleethorpes ..	9 9 9	23	43·9	35·3	39·6	+0·1	55	28	26	4	–	–	95	3·72	–	·89	6	18	18	–	–	0	0	7	–	–	1·65	89	21	
	Skegness ..	9 9 9	15	43·6	34·9	39·3	+0·8	52	21,28,31	(26)	(4,5)	–	–	99	3·88	224	·74	6	19	14	2	3	0	0	2	–	–	1·89	104	23	

† At Scarborough the earth thermometer is at a depth of 3 ft.

¶§. S *See* Notes on Tables in Annual Summary.

TABLE III (*continued*)—Summary of Observations of Temperature, Rainfall, Sunshine and Weather JANUARY, 1943

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation: Max. Min. Rain	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES FAHRENHEIT: Means of A Max.	B Min.	Mean of A and B	Difference from Average	Absolute Maximum and Minimum: Maximum	Date	Minimum	Date	Earth Temperature 1 ft	4 ft	RAINFALL: Total Fall mm	in	Percentage of Average	Most in a day: Amount	Date	WEATHER Number of days: Precip'n 0·1 in (0·2 mm) or more	0·4 in (1·0 mm) or more	Snow	Snow lying	Hail	Thunderstorm	Fog (Morn'g Obs.)	Ground Frost	Gale	BRIGHT SUNSHINE: Daily Mean	Percentage of Average	Percentage of Possible
		G.M.T.	ft	°F	°F	°F	°F	°F		°F		°F	°F	mm	in	%	in											hr	%	%
3 ENGLAND, E.																														
Norfolk	Cromer	9 9 9	178	45·1	37·0	41·1	+2·0	55	31	26	5	–	–	86	3·37	172	·47	1	25	19	2	5	2	1	0	7	0	1·81	98	22
	Hunstanton	9 9 9	100	46·1	34·7	40·4	+0·7	53	31	25	5	–	–	89	3·51	–	·52	31	23	20	6	5	0	0	0	–	–	1·75	91	22
	Norwich	9 9 9	110	44·2	34·5	39·3	+0·3	53	21,28,31	22	5	37·9	–	91	3·58	–	·56	1	24	17	8	5	0	3	–	19	–	1·87	114	23
	Sprowston	9 9 9	93	43·5	34·8	39·1	−0·2	53	22,28,29	21	5	–	–	101	3·99	–	·58	1	21	19	5	8	1	4	2	16	2	1·65	91	208
	Terrington	9 9 9	13	44·5	34·8	39·7	–	53	28,29,31	26	4,5,9	–	–	104	4·10	–	·68	6	23	19	3	4	0	0	3	11	4	1·82	–	22
	Yarmouth ¶§	18–7 7	5	44·3	38·0	41·1	+0·6	53	28,29,31	27	5	40·5	44·6	102	4·01	230	·61	1	21	19	7	5	2	0	1	6	1	1·81	101	22
Suffolk	Bungay (Flix'n)	9 9 9	79	43·8	34·8	39·3	+0·2	54	21	23	5	–	–	88	3·47	–	·77	13	16	16	5	4	2	0	3	14	–	–	–	–
	Felixstowe Airfield	18–7 7	10	44·8	37·1	40·9	+0·7	53	29	27	5	–	–	89	3·49	230	·59	13	21	18	2	1	2	0	1	10	1	2·20	110	27
	Ipswich, Belstead	9 9 9	125	44·5	35·2	39·9	–	54	22,29	26	5	39·6	42·8	101	4·00	–	·78	13	23	19	4	3	1	0	3	11	1	1·83	–	22
	Lowestoft	9 9 9	82	44·2	36·1	40·1	+1·0	53	27,29,30	25	5	39·5	42·4	99	3·88	232	·73	14	24	16	7	5	2	0	2	17	1	1·80	90	22
	Mildenhall	18–7 7	15	45·1	36·1	40·6	–	55	28	21	9	–	–	97	3·84	–	·66	6	21	17	3	5	1	1	2	13	0	1·82	–	22
	Stradishall	18–7 7	382	43·4	35·1	39·3	–	53	28	22	9	–	–	113	4·45	–	·78	6	20	18	3	5	1	0	4	15	1	–	–	–
Cambridge	Cambridge Gdns ¶§	2121 9	41	45·5	35·6	40·5	+1·2	55	28,29	22	9	39·2	43·6	102	4·02	268	·72	6	20	18	3	2	2	0	1	17	0	1·56	91	19
Bedford	Dunstable	18–7 7	516	44·3	35·4	39·9	–	53	29	23	4	39·7	44·2	111	4·35	–	1·18	31	22	18	7	1	1	1	1	13	0	1·61	–	19
	Luton	9 9 9	381	45·1	35·9	40·5	+1·2	53	29	24	4,8	40·8	45·1	112	4·43	–	·96	31	20	17	–	–	–	–	2	12	–	1·50	93	18
	Woburn	9 9 9	291	45·3	35·6	40·5	+1·6	54	28	24	8,9	39·3	45·3	98	3·87	226	·80	31	22	16	6	0	0	0	2	10	–	1·53	93	19
Hertford	Rothamsted ¶§	9 9 9	420	44·9	35·0	39·9	+1·6	55	1	24	10	38·6	–	116	4·55	224	·68	31	23	18	4	1	1	0	6	12	2	1·59	91	19
	St. Albans	9 9 9	272	45·4	34·3	39·9	+1·4	53	22,29	23	9	–	–	110	4·34	226	·79	31	21	17	–	–	0	0	7	15	–	–	–	–
Essex	Dovercourt	9 9 9	47	44·9	36·2	40·5	+0·6	54	29	27	5	–	–	95	3·72	–	·77	13	22	17	1	–	0	0	3	15	–	2·12	–	26
	Earls Colne	9 9 9	160	44·7	35·1	39·9	+0·7	54	22	26	4,9	39·3	43·3	122	4·81	–	·84	13	23	19	3	2	0	0	5	23	–	–	–	–
	Halstead	9 9 9	140	44·8	35·0	39·9	+1·0	55	22	23	9	–	–	111	4·36	–	·79	13	23	18	3	3	0	2	–	–	–	–	–	–
	Maldon	9 9 9	14	46·2	35·1	40·7	–	57	22	24	9	–	–	97	3·82	–	·72	13	21	16	2	–	0	0	–	–	–	2·02	–	24 s
	Shoeburyness	18–7 7	11	46·0	37·2	41·6	+1·3	54	29	27	4,9	–	–	92	3·61	267	·78	13	23	17	2	0	0	0	1	13	1	1·88	103	23
	Walton-on-Naze	9 9 9	35	44·7	36·5	40·6	+1·0	52	29	27	4,5	–	–	86	3·38	–	·77	13	20	18	–	–	–	6	7	–	1·92	109	23
	Writtle	9 9 9	105	45·7	35·4	40·5	–	55	22	22	9	–	–	126	4·97	–	·80	6	25	18	2	1	0	0	–	13	–	–	–	–
4 MIDLAND COUNTIES																														
Yorks., W. Riding	Askham Bryan	9 9 9	90	43·0	32·9	37·9	–	54	28	19	9	–	–	83	3·28	–	·37	25	23	17	3	6	0	1	5	14	–	1·09	–	14
	Bingley	9 9 9	610	41·6	33·1	37·3	–	57	28	20	8	–	–	133	5·25	–	·78	30	28	23	4	10	0	0	11	12	–	–	–	–
	Bradford	9 9 9	439	42·3	33·6	37·9	−0·6	53	31	21	8,9	37·7	42·2	121	4·78	145	·50	30	25	23	3	7	–	–	14	19	–	0·93	101	12
	Doncaster	9 9 9	25	44·5	33·4	38·9	–	56	28	21	9	–	–	83	3·27	–	·38	22	21	15	4	1	1	0	6	18	–	1·14	–	–
	Finningley	18–7 7	39																											
	Harrogate ¶§	9 9 9	478	42·1	34·1	38·1	+0·9	54	28	24	8,9	38·7	41·2	94	3·70	143	·46	21	24	18	4	10	2	1	14	14	0	1·39	95	17
	Huddersfield	2121 9	325	43·0	33·5	38·3	−0·6	55	28,31	18	8	37·9	42·4	101	3·97	139	·54	21	27	19	3	9	2	–	18	13	–	0·75	81	9
	„ (Oakes)	9 9 9	761	42·3	33·8	38·1	−0·6	53	28	23	4,8	36·8	41·1	131	5·15	158	·61	21	27	23	5	10	3	1	10	12	2	–	–	–
	Ilkley	9 9 9	315	42·3	32·9	37·6	−1·1	53	31	20	8	–	–	119	4·68	–	·74	30	24	22	5	6	0	0	4	14	–	1·28	119	16
	Meltham	9 9 9	585	42·8	34·2	38·5	–	53	31	17	8	39·3	40·2	157	6·19	–	·63	25	26	25	–	–	–	–	8	10	–	–	–	–
	Pontefract	9 9 9	255	43·3	34·3	38·8	−0·4	54	28	24	9	–	–	70	2·76	164	·40	20	22	14	–	–	–	–	14	13	–	1·17	–	15
	Rotherham	7 7 7	284	43·4	34·5	38·9	–	54	28	22	9	37·9	–	88	3·48	–	·58	22	22	17	5	6	1	0	7	11	–	1·28	–	16
	Sheffield	9 9 9	428	43·5	35·9	39·7	0·0	54	28	26	8,9	38·3	41·8	117	4·62	167	·53	22	24	18	4	6	2	0	–	13	1	0·96	71	12
	Wakefield	9 9 9	124	43·6	34·3	38·9	−0·7	55	28	21	9	37·9	42·5	83	3·25	169	·46	30	26	16	5	6	5	2	11	15	–	0·68	77	9 s
Derby	Belper (School)	9 9 9	198	44·8	35·1	39·9	+1·4	54	28	22	9	–	–	102	4·00	–	(·61	(31)	21	20	6	–	0	0	–	–	–	–	–	–
	Buxton	9 9 9	1007	40·8	32·9	36·9	+0·5	50	28	13	8	–	40·5	178	7·02	157	·86	1	27	21	8	8	0	0	12	13	0	0·41	42	5 s
Nottingham	Mansfield	9 9 9	357	43.6	34·8	39·2	+0·8	54	28	23	8	–	–	98	3·86	179	·50	31	21	17	3	6	2	0	9	–	–	–	–	–
	Nottingham ¶§	9 9 9	192	45·0	36·4	40·7	+1·6	55	28	26	4	38·6	41·3	94	3·70	203	·47	5,31	19	15	–	–	–	–	19	11	–	1·51	129	19
	Sutton Bonington	9 9 9	157	44·9	35·2	40·1	+0·8	55	28	21	8	39·4	–	99	3·88	235	·76	31	18	15	2	4	1	0	–	13	–	1·28	85	16
Leicester	Leicester	9 9 9	325	45·1	35·1	40·1	–	54	28	23	8	40·5	43·3	92	3·63	–	·80	31	21	19	2	0	0	0	1	8	2	1·35	–	17
Northampton	Oundle	9 9 9	147	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Peterborough	9 9 9	46	45·2	35·1	40·1	–	56	28	22	9	–	–	88	3·48	–	·52	31	22	16	3	–	0	0	–	–	–	–	–	–
	Raunds	9 9 9	193	44·9	34·7	39·8	–	55	28	21	9	–	–	91	3·59	–	·64	31	21	16	4	4	0	0	4	11	1	–	–	–
Warwick	Birmingham ¶§	18–7 7	535	43·8	37·1	40·5	+0·9	53	28	27	4,8	41·1	45·1	138	5·45	272	1·29	31	26	21	6	2	7	0	6	9	0	1·20	84	15
	„ Sparkhill	7 7 7	425	45·0	35·7	40·3	+1·2	54	28	24	8	–	–	139	5·50	257	1·25	31	24	20	5	2	5	0	8	10	–	–	–	–
	Coventry	9 9 9	241	45·4	34·8	40·1	–	53	28	21	8	40·6	44·6	106	4·19	204	·80	31	23	19	2	1	1	0	10	–	–	0·87	71	11
	Honiley	18–7 7	427	44·2	36·4	40·3	–	53	28	25	9	–	–	98	3·86	–	·85	31	19	17	4	2	2	0	6	10	1	–	–	–
	Leamington Spa	9 9 9	163	46·5	36·3	41·4	+1·9	54	28	17	4	39·7	46·5	105	4·13	–	·88	31	22	20	1	–	0	0	6	–	–	1·40	103	17
	Rugby	2121 9	390	44·7	35·0	39·9	+1·3	54	28	24	4	–	–	99	3·88	194	·54	31	21	17	4	–	0	0	–	17	–	–	–	–
	Shipston on Stour	9 9 9	364	45·4	36·4	40·9		53	28	27	8,9	–	–	111	4·36	–	·75	31	25	16	3	2	1	0	4	10	3	1·67	–	20
	Stratford on Avon	9 9 9	153	46·7	35·9	41·3	–	55	28	23	8,9	–	–	99	3·88	–	·66	31	21	18	1	1	0	0	3	15	1	1·62	–	20
Oxford	Oxford ¶§	9 9 9	208	46·9	37·2	42·1	+2·0	55	29	27	8	39·9	43·6	96	3·79	209	·81	31	24	17	5	1	3	0	4	9	1	1·76	97	21
	Upper Heyford	18–7 7	408	44·7	36·8	40·7	–	52	31	25	4	–	–	101	3·96	–	·70	31	25	16	4	2	1	0	5	7	1	–	–	–
Stafford	Market Drayton	9 9 9	581	44·3	34·4	39·3	–	53	28	21	8	–	–	124	4·88	–	·61	5	24	20	3	9	1	0	7	14	–	1·33	–	16
	Mayfield	9 9 9	374	43·8	33·9	38·9	+1·1	54	28	18	8,9	–	–	129	5·10	188	·52	9	26	20	4	7	4	0	–	13	0	1·19	102	15 s
	Oaken	8 8 8	409	44·9	35·4	40·1	–	53	28	23	8,9	40·2	–	115	4·54	–	·60	30	23	18	3	3	1	1	4	12	–	–	–	–
	Walsall	9 9 9	455	44·8	35·7	40·3	–	53	28	23	8	–	–	131	5·15	–	1·06	31	26	19	4	5	1	0	17	10	5	–	–	–
Shropshire	Newport	9 9 9	211	45·5	33·7	39·6	–	54	28	20	8	–	–	109	4·28	226	·63	5	26	18	4	2	1	1	2	13	–	1·23	–	15
	Oswestry	9 9 9	570	44·8	36·2	40·5	–	52	27,28,31	27	8	–	–	141	5·54	–	·66	21	26	21	2	3	0	0	7	9	0	1·25	–	–
	Shrewsbury	9 9 9	184	46·3	36·5	41·4	+1·1	56	28	22	8	41·1	44·8	102	4·02	–	·64	5	21	18	2	2	2	0	6	10	2	1·45	–	18
	Tern Hill	18–7 7	270	44·7	36·3	40·5	–	54	28	23	8	–	–	102	4·01	–	·48	6	20	18	5	3	1	0	3	12	0	–	–	–

¶§. § *See* Notes on Tables in Annual Summary.

TABLE III (*continued*)—Summary of Observations of Temperature, Rainfall, Sunshine and Weather JANUARY, 1943

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES FAHRENHEIT								EARTH TEMPERATURE		RAINFALL				WEATHER Number of days								BRIGHT SUNSHINE		
				Means of			Difference from Average	Absolute Maximum and Minimum						Total Fall		Percentage of Average	Most in a day		Precip'n		Snow	Snow lying	Hail	Thunderstorm	Fog (Morn'g Obs.)	Ground Frost	Gale		Percentage	
				A Max.	B Min.	Mean of A and B		Maximum	Date	Minimum	Date	1 ft	4 ft				Amount	Date	·01 in (0·2 mm or more	·04 in (1·0 mm or more							Daily Mean	of Average	of Possible
		G.M.T.	ft	°F	°F	°F	°F	°F		°F		°F	°F	mm	in	%	in											hr	%	%
4 MID COUNTIES—*cont.*																														
Worcester	Droitwich ..	9 9 9	106	46·4	35·9	41·1	–	54	31	23	8	–	–	125	4·94	–	·80	31	23	19	2	1	0	0	2	–	–	1·47	–	18
	Malvern	9 9 9	380	45·6	36·9	41·3	+1·9	53	28	27	4,8	39·8	43·0	152	5·97	270	·99	31	22	22	2	0	0	0	3	9	–	1·74	90	21
	Prestwood ..	9 9 9	260	46·1	35·4	40·7	–	54	28	24	8	–	–	121	4·77	–	·64	31	26	20	2	2	0	0	8	16	–	–	–	–
	Worcester, P'well	9 9 9	94	47·5	36·3	41·9	+2·2	54	2128	24	8	–	–	130	5·13	–	·80	31	22	19	3	2	0	0	–	17	–	1·44	–	17
Hereford	Hereford ..	9 9 9	292	(46·1	36·5)	(41·3)	+1·8	(53	28)	(26	8,9)	–	–	(149	5·85)	(268)	(1·00)	31	(22)	(20)	–	–	–	–	–	6	–	–	–	–
	Ross-on-Wye ¶§	18–7 7	223	46·5	39·2	42·9	+1·6	53	28	29	4,8,24	41·9	44·8	161	6·35	262	1·26	31	21	16	2	1	1	0	0	8	1	1·47	83	18
Gloucester	Cheltenham ..	2121 9	214	46·8	37·1	41·9	+2·1	54	28	26	8	41·2	44·5	119	4·67	224	·84	31	23	19	2	1	2	0	2	13	0	1·57	93	19
	Frampton Cotterell	9 9 9	158	47·9	37·5	42·7	–	54	28,31	27	24	42·8	44·9	136	5·34	–	·86	31	23	17	2	1	0	0	1	9	–	–	–	–
	Parkend	9 9 9	325	46·8	36·0	41·8	–	(53	31)	26	8	41·2	43·8	223	8·76	–	1·22	30	23	20	1	2	1	0	3	15	1	1·36	–	16
	Stonehouse ..	9 9 9	150	48·1	37·6	42·9	–	54	27,28,31	27	8,9	–	–	145	5·71	–	·75	31	22	16	3	1	1	0	3	9	–	–	–	–
5 ENGLAND, S.E.																														
London	City, Bunhill Row	—	—																											
	Camden Square ..	9 9 9	110	46·3	38·0	42·1	+1·8	55	22	28	4,5	40·2	44·0	119	4·70	253	·85	13	21	17	–	–	1	1	–	11	–	0·48	91	6
	East Ham ..	9 9 9	15	47·1	37·6	42·3	+2·2	56	22	27	9	–	–	111	4·35	267	·79	13	22	19	–	–	–	–	–	–	–	–	–	–
	Enfield	9 9 9	87	45·8	36·7	41·3	+1·6	54	22,23	24	9	–	43·9	109	4·30	240	·72	13	22	17	3	0	0	0	11	10	–	0·91	70	11
	Greenwich ..	2424 9	149	46·4	37·3	41·9	+1·6	55	22,29	26	8	42·1	44·8	115	4·54	269	·86	13	22	16	2	0	1	1	5	12	1	1·36	111	16
		21 9 –	—	46·2	38·0																									
	Hampstead ..	9 9 9	450	45·1	34·8	39·9	+1·1	53	22,29	24	4	–	–	120	4·72	–	·89	13	22	16	5	–	1	1	–	16	2	1·29	100	15
	Kensington ..	18–9 9	80	47·2	38·4	42·8	+1·1	56	22	28	9	41·1	44·0	123	4·85	264	·95	13	19	17	0	0	0	0	–	9	1	–	–	–
	Kingsway ..	—	—																									0·99	–	12
	Regent's Park ..	9 9 9	129	46·3	37·9	42·1	–	54	22,29,31	28	4	–	–	118	4·65	–	·90	13	19	17	0	0	0	0	10	8	–	1·19	128	14
	Kew ¶§	242424	18	45·9	38·1	42·0	+1·5	52	22	28	8	41·2	45·0	120	4·74	267	·76	30	22	17	1	0	1	0	4	12	0	1·35	96	16
	Observatory ..	18–7 –	—	45·6	38·6	42·1	+0·8																							
	Southgate ..	9 9 9	221	46·1	36·5	41·3	–	54	22,29	25	9	41·3	–	119	4·67	–	·80	13	22	20	1	0	0	0	6	11	0	1·21	–	15
	Tottenham ††¶§	2121 9	54	46·9	38·8	42·9	+2·0	54	29	26	9	–	46·0	113	4·44	246	·80	13	22	19	–	–	0	0	–	14	–	1·02	103	12
	Wealdstone ..	9 9 9	192	46·1	36·3	41·2	–	54	29	26	4	–	–	115	4·51	231	·84	13	21	16	1	2	1	1	8	10	–	1·59	–	19
	Westminster ..	9 9 9	27	47·6	38·3	42·9	+1·7	55	22,29	29	4	–	–	115	4·54	280	·91	13	22	16	1	–	0	0	–	11	–	·90	99	11
Surrey	Addington ..	9 9 9	473	(45·3 | 35·9)	(40·6)	(+1·6)	(56 | 29)	25	5,8	–	–	141	5·54	–	1·02	13	23	16	–	–	–	–	3	–	–	–	–	–
	Croydon	18–7 7	217	46·2	38·5	42·3	+1·3	55	22	26	9	–	–	154	6·05	298	1·09	31	22	17	2	2	1	0	6	8	1	1·45	94	17
	Farnham ..	9 9 9	260	47·5	36·0	41·7	–	55	29	26	24	–	–	162	6·38	–	1·10	30	21	19	2	0	2	0	7	12	–	–	–	–
	Milford	9 9 9	180	46·7	35·1	40·9	–	53	22,29,31	21	9	–	–	174	6·84	–	1·06	30	23	17	2	2	1	0	5	12	–	1·92	–	23
	Wisley	9 9 9	150	47·2	36·8	42·0	+2·1	55	29	25	9	41·6	45·0	121	4·76	270	·76	30	22	16	1	1	0	0	5	15	1	1·54	94	18 S
Kent	Bromley	9 9 9	213	47·1	36·7	41·9	–	56	22	26	4,9	–	–	128	5·03	277	1·12	13	21	17	1	1	1	0	2	13	–	–	–	–
	Canterbury ..	9 9 9	135	45·8	36·9	41·3	+0·7	56	22	26	4	40·6	43·3	127	5·00	–	1·98	13	19	19	–	–	–	–	–	12	–	–	–	–
	Deal	9 9 9	18	46·6	36·7	41·7	+1·2	55	22	26	5	42·4	46·1	107	4·22	–	1·22	13	21	19	1	1	0	1	1	15	–	–	–	–
	Dover	9 9 9	200	45·6	36·5	41·1	+1·0	53	22,31	27	4,5	–	–	109	4·30	200	1·45	13	22	18	2	0	1	3	–	–	–	–	–	–
	Dungeness ..	18–7 7	20	47·2	37·7	42·5	+1·2	53	22,26,31	25	4	–	–	100	3·94	207	1·67	13	20	17	1	–	1	0	0	–	1	–	–	–
	East Malling ..	9 9 9	132	46·6	35·5	41·1	+1·8	56	22	23	9	–	–	126	4·96	–	1·06	13	20	16	2	0	2	0	5	12	0	1·27	78	15
	Goudhurst ..	9 9 9	290	46·1	35·8	40·9	–	55	22	24	9	–	–	146	5·76	–	1·41	13	27	20	1	2	1	1	2	14	–	–	–	–
	Lympne	18–7 7	283	45·0	37·4	41·2	+1·5	53	22	24	4	–	–	120	4·71	212	1·23	13	25	18	3	1	2	0	3	9	1	1·53	82	18
	Manston	18–7 7	154	45·2	38·1	41·7	–	55	22	28	5	–	–	98	3·87	–	1·45	13	21	15	3	1	0	1	3	6	1	1·84	–	22
	Ramsgate ..	9 9 9	80	45·8	38·4	42·1	+1·6	54	31	29	4	–	–	98	3·85	–	·91	13	20	19	2	0	0	1	2	–	–	1·70	89	20
	Tunbridge W. ..	9 9 9	351	46·0	35·2	40·6	+1·9	55	22	25	4,9	39·2	42·7	150	5·90	–	1·24	13	25	17	2	1	1	1	2	13	2	1·68	97	20
	Whitstable ..	9 9 9	9	47·0	38·1	42·5	–	56	22	28	9	–	–	120	4·72	–	1·76	13	21	19	2	0	1	1	1	–	–	1·93	–	23
	Wye	9 9 9	164	45·5	36·1	40·8	+1·8	53	22,23	27	4	–	–	141	5·53	–	1·73	13	21	20	1	0	0	0	–	11	–	1·55	92	18
	Margate	9 9 9	51	46·1	38·8	42·5	+1·8	56	22	31	5,10	42·5	45·6	92	3·61	218	1·52	13	19	17	1	0	0	0	1	6	2	1·62	87	19
Sussex	Beachy Head ..	18–7 7	502	44·7	38·8	41·7	+1·2	50	22,31	29	4	–	–	125	4·93	–	1·08	13	24	19	3	–	1	0	4	–	–	–	–	–
	Bexhill	9 9 9	12	47·2	38·7	42·9	+2·2	52	26,31	30	4	42·9	–	122	4·79	–	1·63	13	22	19	0	0	1	0	1	8	–	–	–	–
	Bodiam	9 9 9	71	(46·7	34·8)	(40·7)		55	22	22	4	–	–	134	5·27	–	1·46	13	19	17	1	0	1	0	3	15	–	1·54	–	18
	Bognor	9 9 9	24	47·5	38·9	43·2	+1·9	51	23,26,31	31	4,8	–	47·4	145	5·73	–	1·24	13	23	18	3	1	1	1	1	–	–	1·90	88	23
	Hastings ¶§	2121 9	149	47·1	38·7	42·9	+2·4	52	21,22,31	29	4	41·6	46·1	120	4·73	202	1·67	13	25	20	1	0	1	0	1	9	1	1·92	93	23
	Horsham	9 9 9	350	46·0	34·7	40·3	–	53	22	23	9	41·6	–	189	7·44	–	1·37	13	24	18	1	0	2	1	3	14	–	–	–	–
	Littlehampton ..	9 9 9	15	47·9	38·1	43·0	+2·5	53	23	29	9	–	45·1	146	5·76	–	1·54	13	21	17	1	0	1	1	2	–	–	1·90	89	23
	Patcham	9 9 9	200	47·3	36·5	41·9	–	52	22,26,31	27	9	42·5	–	179	7·04	–	2·04	13	22	18	1	1	1	0	–	14	1	–	–	–
	Seaford	9 9 9	45	47·5	38·6	43·1	–	53	22	30	5	–	–								1	0	0	0	1	–	–	–	–	–
	Thorney Is. ..	18–7 7	10	47·3	38·9	43·1	–	53	31	29	24	–	–	133	5·22	–	1·06	13	20	17	2	1	1	1	0	8	1	–	–	–
	Worthing ..	9 9 9	25	47·5	38·9	43·2	+2·7	52	22,31	30	9	41·8	45·4	151	5·96	256	1·74	13	23	18	0	0	1	1	1	8	–	2·00	93	24
Berkshire	Reading .. †	9 9 9	152	47·2	36·8	42·0	+2·3	53	21,29,31	25	9	41·5	–	108	4·25	–	·69	31	22	17	2	2	1	1	–	10	–	1·69	–	20
	Shinfield ..	9 9 9	200	47·5	35·5	41·5	+1·6	54	29	24	9	–	–	113	4·45	–	·69	31	21	17	(2)	–	1	0	–	12	–	–	–	–
Hampshire	Bournemouth ..	9 9 9	139	48·4	38·6	43·5	+2·8	53	29	29	24	43·1	45·1	163	6·42	238	·81	6	23	21	1	0	2	2	1	–	–	1·68	78	20
	Bramley	9 9 9	196	47·4	35·5	41·5	–	54	29	25	9,24	41·2	45·6	126	4·96	–	·88	31	22	18	2	2	2	1	5	10	–	–	–	–
	Leckford ..	9 9 9	385	46·5	36·7	41·6	–	53	29	27	24,25	40·7	–	163	6·42	–	1·08	31	22	18	1	1	2	1	1	–	–	1·90	–	23
	Long Sutton ..	9 9 9	479	47·0	35·3	41·1	+2·0	53	21,29	25	8,9	–	–	173	6·80	–	1·05	30	23	19	2	2	2	1	5	10	–	1·78	100	21
	Portsmouth ..	9 9 9	15	48·3	39·7	44·0	+2·5	53	22,29,31	32	8,9	42·6	45·6	140	5·51	230	·52	13	22	18	2	1	1	1	4	6	–	1·84	91	22
	Southampton ¶§	2121 9	64	48·5	38·5	43·5	+2·6	54	29	29	24	–	–	150	5·90	221	·79	30	23	18	2	1	1	1	2	11	7	1·77	102	21
	S. Farnboro' ..	18–7 7	226	46·4	37·8	42·1	+1·8	54	22	26	24	–	–	139	5·49	263	·96	13	21	18	5	1	1	0	4	10	2	1·93	110	23
I. of Wight	*Newport	9 9 9	48	48·5	38·2	43·3	+2·4	53	22,29	26	9	43·2	46·4	151	5·96	–	1·20	13	26	20	1	1	2	1	3	9	–	1·98	–	–
	Ryde	9 9 9	13	48·9	39·6	44·3	+2·0	54	22,23	32	4,24	–	–	132	5·20	–	1·05	13	22	16	1	0	0	1	2	–	1	2·11	127	25
	St. Catherine's Pt.	18–7 7	150	47·8	41·7	44·7	–	52	10,22,31	32	4,8	–	–	137	5·38	–	1·36	13	23	15	1	–	0	0	0	–	0	–	–	–
	Sandown ..	9 9 9	13	49·0	40·5	44·7	+2·4	53	10,23,31	32	4,5	–	–	127	4·99	–	1·04	13	22	19	1	–	1	0	0	–	–	1·93	92	23
	Totland Bay ..	9 9 9	140	48·7	40·1	44·4	+2·5	53	31	32	4,8,9	–	–	146	5·75	248	·83	30	21	18	2	–	2	2	0	7	6	1·88	89	22
	Ventnor(Hospital)	9 9 9	60	48·6	41·2	44·9	+2·2	53	31	32	4,5	–	–	131	5·18	202	1·38	13	23	17	1	–	2	0	–	–	0	2·05	96	24
Wiltshire	Amesbury ..	18–7 7	417	46·2	37·6	41·9	–	52	28,29	27	24	–	–	158	6·24	–	1·09	31	27	19	2	1	0	0	4	7	1	1·64	–	20
	Larkhill	9 9 9	440	46·5	36·5	41·5	+2·0	52	27,29	26	24	–	–	149	5·86	261	·91	31	22	18	1	1	1	1	2	12	1	–	–	–
	Marlboro' ¶§	9 9 9	424	46·4	35·4	40·9	+2·1	52	28,29	26	5,24	41·1	44·6	160	6·31	249	1·10	31	24	21	2	1	2	0	5	16	3	1·31	92	16
	Porton	9 9 9	363					52	28,29	25	24	41·1	–	165	6·51	283	·98	31	24	20	2	1	0	0	5	13	1	1·60	80	19

¶§, S *See* Notes on Tables in Annual Summary. †† Tottenham is used as a "district value" station for England, E., and not for England, S.E. † Sunshine recorder is at Seed Trial Grounds.

* Sunshine recorder and earth thermometers at Staplers.

TABLE III (*continued*)—Summary of Observations of Temperature, Rainfall, Sunshine and Weather JANUARY, 1943

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation: Max. Min. Rain	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES FAHRENHEIT: Means of A Max.	Means of B Min.	Mean of A and B	Difference from Average	Absolute Maximum and Minimum: Maximum	Date	Minimum	Date	Earth Temperature 1 ft	4 ft	RAINFALL: Total Fall mm	Total Fall in	Percentage of Average	Most in a day: Amount	Date	WEATHER Number of days: Precip'n ·01in (0·2mm or more)	Precip'n ·04in (1·0mm or more)	Snow	Snow lying	Hail	Thunderstorm	Fog (Morn'g Obs.)	Ground Frost	Gale	BRIGHT SUNSHINE: Daily Mean	Percentage of Average	Percentage of Possible
		G.M.T.	ft	°F	°F	°F	°F	°F		°F		°F	°F	mm	in	%	in												hr	%	%
7a ENGLAND, N.W.																															
Cumberland	Keswick	9 9 9	254	45·6	35·8	40·7	+0·4	53	27	24	8	40·1	44·2	223	8·77	174	2·15	28	22	20	5	2	1	1	1	12	2	0·55	53	7
	Newton Rigg ¶§	2121 9	560	42·2	32·7	37·5	−0·3	50	28,29,31	17	4	–	–	144	5·66	176	·77	28	27	21	5	4	1	1	0	14	0	0·62	48	8
Westmorland	Ambleside ..	9 9 9	145	44·0	34·3	39·1	–	51	21	21	8,9	–	–	356	14·03	–	2·50	28	26	24	6	7	1	1	6	–	–	0·69	–	9
	Appleby	9 9 9	440	42·4	32·5	37·5	+0·4	51	21,28,31	16	4	–	–	127	5·02	157	·95	28	24	19	5	7	2	0	–	–	–	–	–	–
Lancashire	Blackpool ..	9 9 9	65	44·8	35·7	40·3	+0·4	53	31	24	8	40·2	43·9	137	5·39	197	·83	27	25	19	3	1	0	1	2	12	–	1·26	85	16
	Bolton	9 9 9	342	43·9	34·0	38·9	−0·2	53	28,31	23	8	38·9	42·4	153	6·03	162	·61	9	28	23	2	10	0	0	–	10	–	0·62	94	8
	Burnley	9 9 9	458	43·0	33·6	38·3	0·0	52	28,31	18	4	38·4	42·4	158	6·21	–	·67	1	27	20	6	10	0	0	4	22	–	–	–	–
	Darwen	2121 9	724																												
	Fleetwood ..	9 9 9	21	44·9	35·8	40·3	–	52	28,31	24	8	–	–	149	5·88	–	·73	27	27	23	3	1	2	1	8	9	0	1·31	–	16
	Hutton	9 9 9	82	45·1	35·1	40·1	+0·6	53	31	23	4	39·2	43·5	120	4·74	–	·50	27	21	20	1	1	1	0	–	12	0	0·72	63	9
	Leyland	9 9 9	125	44·9	34·6	39·7	+0·3	54	31	21	4	–	–	103	4·06	140	·47	9	23	19	1	1	0	0	4	14	–	–	–	–
	Manchester (Burnage) ..	9 9 9	147	45·6	36·0	40·8	–	54	21,28,31	22	4	–	–	133	5·25	–	·65	1	28		2	1	0	0	2	–	–	0·60	–	7
	(Whitworth Pk.)	2121 9	125	45·4	37·0	41·2	+0·8	54	28,31	23	4	40·6	43·8	122	4·81	192	·59	9	27	18	7	2	1	0	13	12	1	0·42	64	5
	Morecambe ..	9 9 9	23	45·2	36·1	40·7	+1·1	54	31	25	4	–	–	143	5·61	178	·78	27	21	18	1	0	0	0	6	–	0	1·15	78	14
	Nelson	9 9 9	540	42·6	33·6	38·1	–	52	31	19	8,9	38·2	42·2	144	5·27	–	·79	1	25	21	–	–	–	–	15	12	–	0·46	–	6
	Southport (Bedford Rd.Pk.) ¶§	9 9 9	35	45·3	35·5	40·4	+0·2	54	31	24	8	40·1	42·7	105	4·12	161	·43	28	23	21	2	1	3	0	8	11	1	1·41	95	18
	Stonyhurst ¶§	9 9 9	377	43·1	34·4	38·7	−0·2	52	28,31	23	8	–	–	138	5·45	127	·57	1	26	21	6	4	0	1	1	13	1	0·78	70	10
Cheshire	Bidston Obs'y ..	9 9 9	198	44·6	36·9	40·7	0·0	54	31	29	8,9	–	–	88	3·45	163	·54	5	22	18	–	–	–	–	5	4	–	1·30	75	16
	Hoylake	9 9 9	22	46·5	37·2	41·9	+0·6	56	28	25	8	–	–	89	3·49	153	·63	5	23	20	3	2	2	0	–	11	–	1·66	95	21
	Macclesfield ..	9 9 9	500	43·7	34·9	39·3	+1·3	51	21,28,31	22	4	–	–	112	4·41	162	·48	22	25	22	13	4	4	0	5	–	–	–	–	–
	Manchester (Ringway) ..	18–7 7	235	44·5	36·6	40·5	–	53	28,31	23	8	–	–	114	4·50	–	·54	30	26	20	3	1	3	1	4	11	1	–	–	–
	Warburton ..	9 9 9	68	45·4	34·7	40·1	–	54	21,28,31	23	8	–	–	103	4·06	–	·45	30	26	22	3	0	1	1	6	15	–	0·90	–	11
	West Kirby ..	9 9 9	25	44·6	36·1	40·3	−0·4	54	28,31	23	8	–	–	93	3·68	179	·72	5	24	20	4	1	3	1	0	13	–	1·51	77	19
7b NORTH WALES																															
Flint	Hawarden B'dge	9 9 9	17	46·7	36·2	41·5	+0·1	56	28,31	25	8,9	–	–	106	4·16	–	·63	5	23	18	2	0	0	0	5	–	–	–	–	–
	Prestatyn ..	9 9 9	18	47·8	38·4	43·1	–	55	20,28	29	4	–	–	80	3·14	–	·51	5	20	18	1	0	0	0	1	–	–	1·37	–	17
	Rhyl	9 9 9	31	47·9	38·2	43·1	+1·6	55	20,28,31	28	4,8	–	–	95	3·72	200	·53	5	21	19	4	0	2	0	0	8	1	1·71	91	21
	Sealand .. ¶§	18–7 7	16	46·1	38·5	42·3	+0·8	56	28,31	25	4	41·7	45·1	105	4·15	223	·65	5	25	18	2	1	1	1	5	9	–	1·52	88	19
Anglesey	Holyhead ¶§	8 8 8	26	48·2	40·6	44·4	+0·4	53	19,20	32	8	–	–	139	5·48	188	·65	16	25	18	–	–	–	–	–	4	–	1·89	113	23
	Holyhead (Valley)	18–7 7	32	47·7	40·2	43·9	–	53	19,20	28	8	–	–	134	5·29	–	·67	30	22	18	2	0	2	0	0	7	8	–	–	–
Denbigh	Colwyn Bay ..	9 9 9	118	47·7	39·4	43·5	+1·1	55	20,28	27	8	–	–	83	3·26	–	·55	30	25	16	0	0	2	0	0	–	–	1·33	78	16
Carnarvon	Aber	9 9 9	60	49·0	39·8	44·4	+0·9	57	20	(30)	(8)	–	–	180	7·08	–	1·06	28	25	23	0	0	2	2	0	1	0	0·75	69	9S
	Llandudno ..	9 9 9	13	48·5	39·6	44·1	+1·5	57	28	30	8	–	–	95	3·74	155	·54	5	26	17	1	0	3	1	0	6	0	1·55	90	19
Montgomery	Lake Vyrnwy ..	9 9 9	750	43·8	34·8	39·3	–	51	28,31	25	8,9	–	–	236	9·28	–	·85	30	28	24	6	8	0	0	2	11	–	–	–	–
	Welshpool ..	9 9 9	254	47·4	35·8	41·6	+1·7	55	21,28,31	22	8	–	–	116	4·56	173	·69	22	23	19	2	1	0	0	4	–	–	–	–	–
8a SOUTH WALES																															
Cardigan	Aberporth ..	18–7 7	376	46·7	38·3	42·5	–	53	20	29	5	–	–	177	6·96	–	·89	30	28	25	1	0	3	1	0	6	2	1·34	–	16
	Aberystwyth ..	9 9 9	12	48·4	41·2	44·8	+2·9	55	20	33	4	–	–	120	4·72	–	·80	21	25	23	1	0	4	0	0	–	–	1·33	72	16
	„ Llety-evan-hen	9 9 9	950	44·8	36·6	40·7	–	52	20	25	8	–	–	110	4·34	–	·64	5	25	21	1	–	0	0	–	9	–	0·82	–	10
	„ P.B.S.†	9 9 9	452	47·1	38·7	42·9	+1·6	53	19,20,31	29	4,5	–	–	133	5·23	–	·74	5	28	23	1	1	2	0	1	9	2	1·31	67	16
Pembroke	Haverfordwest ..	2121 9	127	48·7	39·2	43·9	+2·0	54	20	29	24	–	–	224	8·83	–	1·36	6	25	21	3	0	1	0	0	–	–	1·57	86	19
	St. Ann's Hd. ¶§	18–7 7	142	48·7	44·1	46·4	+1·7	53	31	36	4	–	–	187	7·38	212	·76	30	26	24	1	0	2	1	0	–	6	1·10	66	13
	Tenby	9 9 9	64	48·9	41·0	44·9	+2·8	53	30,31	33	5,24	–	–	205	8·09	–	·94	4	27	25	1	–	1	0	0	8	–	1·48	80	18
Radnor	Rhayader ¶§	9 9 9	757	45·3	36·6	40·9	+1·6	52	19,28,31	24	4	–	–	207	8·15	155	1·61	30	28	23	5	2	1	0	2	11	1	1·16	80	14
Brecknock	Cantref	9 9 9	1080	43·5	35·9	39·7	–	50	28	27	5	–	–	307	12·10	–	1·25	30	27	23	3	2	0	1	5	–	–	·67	–	18
	Crickhowell ..	9 9 9	230	47·6	37·2	42·4	–	55	28	27	4,8	–	–	258	10·15	–	1·51	30	24	21	2	2	2	1	2	10	–	–	–	–
Glamorgan	Cardiff	2121 9	203	48·0	38·4	43·2	+2·6	56	28	28	8	42·7	46·6	213	8·40	228	1·04	31	25	22	1	1	1	0	2	3	0	1·59	91	19
	St. Athan ..	18–7 7	145	46·9	40·8	43·9	–	54	28,31	30	5	–	–	166	6·52	–	1·15	31	25	20	2	1	3	0	0	6	1	–	–	–
	Swansea	9 9 9	32	48·3	40·0	44·1	+2·2	53	28,30,31	31	4	43·2	50·3	176	6·94	–	1·03	5	26	22	2	1	2	1	1	9	–	1·39	88	17
8b ENGLAND, S.W.																															
Monmouth	Newport ..	9 9 9	265	46·8	38·0	42·4	+0·9	53	29	29	8	41·4	45·1	205	8·09	–	·97	31	26	21	–	–	–	–	7	–	–	1·66	–	20
	Usk	9 9 9	70	47·5	37·2	42·3	+2·2	55	1,20	27	3,8,24	41·7	–	243	9·56	–	1·25	30	23	23	3	–	1	0	–	–	–	1·37	86	16
Somerset	Bath .. ¶§	9 9 9	67	48·3	38·0	43·1	+2·6	54	31	28	4,24	42·3	46·4	137	5·42	226	·86	31	22	19	1	1	3	1	1	–	1	1·58	94	19
	Bristol (Airport) ..	18–7 7	209	47·4	39·7	43·5	–	53	21,28,29	27	24	–	–	150	5·91	–	1·01	31	26	14	2	1	0	0	2	7	0	1·83	–	22
	Cannington ..	9 9 9	95	49·3	39·4	44·3	–	54	22,28,31	30	24	–	–	139	5·49	–	·80	31	26	20	1	1	2	0	0	8	1	1·65	–	20
	Long Ashton ..	9 9 9	162	49·1	37·8	43·5	+2·0	54	28,31	28	8,9	–	–	154	6·06	212	·78	31	24	17	2	1	2	0	1	11	–	1·85	113	21
	Weston-s.-Mare ..	9 9 9	28	49·1	39·1	44·1	–	55	31	30	5	–	–	141	5·57	234	·76	31	25	18	2	1	0	0	2	–	–	1·63	96	19

¶§. S *See* Notes on Tables in Annual Summary. † Plant Breeding Station.

TABLE III (*continued*)—Summary of Observations of Temperature, Rainfall, Sunshine and Weather JANUARY, 1943

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation: Max. Min. Rain	Height of Station above Mean Sea Level	Air Temperature in Degrees Fahrenheit: Means of: A Max.	B Min.	Mean of A and B	Difference from Average	Absolute Maximum and Minimum: Maximum	Date	Minimum	Date	Earth Temperature: 1 ft	4 ft	Rainfall: Total Fall mm	in	Per centage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n: ·01in (0·2mm) or more	·04in (1·0mm) or more	Snow	Snow lying	Hail	Thunderstorm	Fog (Morn'g Obs.)	Ground Frost	Gale	Bright Sunshine: Daily Mean	Percentage: of Average	of Possible
		G.M.T.	ft	°F	°F	°F	°F	°F		°F		°F	°F	mm	in	%	in												hr	%	%
8b ENGLAND, S.W.—*cont.*																															
Dorset	Holton Heath ..	9 9 9	64	49·1	37·8	43·5	+1·8	54	22,29	29	24	42·5	45·0	188	7·41	–	1·08	31	24	19	2	0	2	1	1	13	1	1·75	95	21
	Poole	9 9 9	18	50·4	38·5	44·5	–	55	23,29	29	3,24	–	–	191	7·53	–	1·09	31	20	18	0	0	0	0	2	–	–	1·54	–	18
	Portland Bill ..	18–7 7	32	48·1	42·6	45·3	+0·6	52	12	34	4,5,8	–	–	116	4·56	208	·72	13	19	18	0	0	0	1	0	–	0	–	–	–
	Shaftesbury ..	9 9 9	722	45·5	36·5	41·0	–	50	27,29,31	29	24	–	–	156	6·16	–	·95	31	24	21	0	0	0	0	–	–	–	–	–	–
	Swanage	9 9 9	14	49·5	40·4	44·9	–	53	10,29,31	33	3,4,24	–	–	164	6·47	–	·81	30	25	21	1	0	1	1	1	1	–	1·53	–	18
	Weymouth ..	9 9 9	16	48·0	40·4	44·2	+1·9	52	23,29	32	1	–	–	149	5·87	242	·80	30	20	18	0	0	1	1	0	–	–	1·55	75	18
Devon	Barnstaple ..	9 9 9	25	51·4	41·2	46·3	+3·1	57	29,30	29	4,5	–	–	161	6·35	194	·70	30	25	21	–	–	–	–	0	3	–	–	–	–
	Cullompton ¶§	9 9 9	202	49·7	38·5	44·1	+3·2	54	26,28,31	30	3	43·5	–	209	8·24	254	1·01	11	26	22	1	1	0	1	0	9	–	1·41	81	17
	Dawlish	9 9 9	17	50·7	40·3	45·5	–	54	1,26,30	30	3	–	–	195	7·68	–	·94	11	23	19	–	–	–	–	0	6	–	1·39	–	16
	Exmouth ..	9 9 9	195	49·6	41·0	45·3	+2·5	54	1	33	3,8	–	–	199	7·84	–	·96	11	26	21	1	0	1	1	0	–	4	1·67	85	20
	Hartland Pt. ..	18–7 7	299	49·0	43·3	46·1	–	55	20	32	4	–	–	106	4·17	–	·69	30	23	22	1	0	1	0	0	0	0	1·20	–	14
	Ilfracombe ..	9 9 9	25	50·7	42·9	46·8	+3·1	56	20	31	5	45·4	49·0	154	6·08	192	·73	31	23	22	0	0	0	0	0	0	–	1·32	88	16
	Killerton ..	9 9 9	159	51·1	38·5	44·8	+3·4	54	24	29	3	–	–	183	7·23	–	·93	11	28	28	–	–	–	–	0	8	–	–	–	–
	*Newton Abbot ..	9 9 9	375	49·7	39·4	44·5	+2·2	54	26	32	3	–	–	238	9·36	282	1·31	11	28	25	1	0	0	0	1	11	–	1·01	47	12
	Plymouth (Hoe)	2121 9	117	50·8	42·3	46·5	+3·0	54	19,23	33	4	45·1	47·6	180	7·10	214	·88	11	28	26	1	0	1	0	1	2	0	1·43	76	17
	Plymouth (Mount Batten) ..	18–7 7	86	49·8	43·1	46·5	+2·0	56	22	31	8	–	–	190	7·48	–	·89	31	28	22	1	1	1	1	0	1	5	1·39	74	16
	Princetown ..	9 9 9	1359	45·4	36·5	40·9	+3·5	49	21	29	4,5	–	–	408	16·08	202	2·03	11	30	29	5	4	4	1	19	7	–	–	–	–
	Seaton	9 9 9	43	50·1	41·1	45·6	–	55	26	34	8,24	–	–	195	7·66	–	1·07	9	25	22	1	0	1	0	0	7	–	–	–	–
	Sidmouth ..	9 9 9	25	49·9	40·5	45·2	+2·9	54	26	33	4	–	–	185	7·30	–	1·04	9	19	19	0	0	0	0	0	5	–	1·61	–	19
	Tavistock ..	9 9 9	457	50·5	39·1	44·8	+3·1	53	16,18,21	29	4	–	46·0	224	8·82	197	1·39	11	26	23	2	0	0	2	0	7	1	–	–	–
	Teignmouth ..	9 9 9	20	51·0	41·6	46·3	+3·2	55	27,28	34	3	–	–	204	8·04	275	1·19	11	28	20	1	0	1	1	0	1	–	1·56	77	18
	Torquay	9 9 9	27	50·6	41·2	45·9	+2·8	54	28,29,31	30	3	–	47·4	196	7·70	251	1·02	11	28	22	1	0	1	1	2	5	4	1·38	67	16
	Totnes	9 9 9	100	50·8	39·5	45·1	–	55	19	33	3,4,5	44·9	–	269	10·61	–	1·58	11	29	25	1	0	3	1	–	13	1	–	–	–
Cornwall	Bude	9 9 9	50	51·5	42·3	46·9	+3·8	56	28	33	5	–	–	133	5·25	173	·83	11	29	23	1	0	6	0	0	–	–	1·43	75	17
	Ellbridge	9 9 9	200	50·2	40·8	45·5	–	53	19,26,31	31	4	–	–	241	9·47	–	1·20	11	28	27	1	0	1	2	2	11	–	1·33	–	16
	Falmouth Obs. ¶§	9 9 9	167	51·6	43·2	47·4	+3·6	55	28	36	4	46·6	48·4	180	7·08	168	·87	31	30	27	0	0	2	2	0	2	–	1·47	76	17
	Fowey	9 9 9	51	52·0	41·5	46·7	+2·5	–	–	34	4	–	–	126	4·97	–	·41	9	30	26	1	–	1	0	0	–	–	1·08	57	13
	Gulval	9 9 9	20	52·3	44·3	48·3	+3·4	55	23	38	3,4,31	–	–	165	6·48	–	·76	11	28	26	0	0	2	2	0	0	–	1·42	73	17
	The Lizard ..	18–7 7	240	51·0	45·5	48·3	–	54	9,23,31	34	3	–	–	160	6·28	–	·67	31	29	28	1	0	1	1	0	–	5	1·58	–	18
	Newquay ..	9 9 9	182	50·7	42·6	46·7	+3·2	55	28	36	4	46·2	48·5	122	4·79	157	·57	31	29	23	0	0	4	0	0	–	1	1·36	71	16
	Penzance ..	9 9 9	55	51·7	44·2	47·9	+2·7	54	20,28,31	38	3,4	–	–	177	6·96	184	·81	11	27	26	0	0	2	0	0	–	–	1·33	68	16
	Tintagel	9 9 9	280	50·3	43·0	46·7	–	54	19,28,31			–	–	130	5·11	–	·63	31	27	22	0	0	3	1	0	–	–	1·34	–	16
NORTHERN IRELAND																															
Londonderry	Castlerock ..	9 9 9	57	46·3	37·5	41·9	–	53	20,27	29	4	–	–	106	4·17	–	·53	14	27	23	–	–	–	–	0	4	1	–	–	–
	Garvagh .. .. (Moneydig)	7 7 7	121	45·2	36·2	40·7	+1·3	53	20	28	4	–	–	136	5·36	156	·62	24	28	23	6	1	2	1	0	13	–	–	–	–
Antrim	Aldergrove ..	18–7 7	268	44·8	37·5	41·1	+1·0	52	20,28	26	4	–	–	101	3·99	145	·64	11	26	21	5	0	0	0	0	11	0	1·65	121	21
Down	Ballyhalbert ¶††	9 9 9	34	46·7	38·3	42·5	–	52	27	29	4	–	–	135	5·34	–	·81	9	25	22	5	0	2	0	0	7	2	1·97	–	25
	Hillsborough ..	9 9 9	388	44·8	37·0	40·9	–	51	20,27	29	4	41·7	–	120	4·72	–	·87	20	25	20	4	1	1	0	0	7	0	1·79	123	23
Armagh	Armagh .. ¶§	2121 9	205	46·5	37·8	42·1	+1·5	53	20,27,29	28	18	41·2	43·8	99	3·91	155	·61	11	26	17	3	1	0	0	0	7	0	2·00	136	25
Scilly	St. Mary's ¶§	18–7 7	163	51·5	46·3	48·9	+2·2	56	23	39	30	–	–	119	4·70	158	·42	10	28	25	0	0	3	0	0	–	3	1·56	79	18
GIBRALTAR		18–7 7	400	60·2	51·5	55·9	+0·6	66	23,24,31	38	1;	–	–	33	1·30	–	·54	16	12	9	–	–	–	–	–	–	–	5·97	–	60
MALTA		18–7 7	231	59·0	50·4	54·7	+0·6	63	15,24	44	28	–	–	53	2·10	71	·37	25	11	9	0	0	2	0	0	–	0	6·11	122	6

¶§, § *See* Notes on Tables in Annual Summary. †† Sunshine recorder is at Mount Stewart. * Seale-Hayne College.

TABLE III (*a*)—SKY OBSERVATIONS, JANUARY, 1943

WEATHER DIARY ROYAL OBSERVATORY, GREENWICH	Number
Persistently overcast days	4
„ cloudless „	0
„ foggy „	0

NIGHT SKY RECORDER**	GREENWICH	PORTON
Recorder in operation on	29 nights	18 nights
Average exposure (hours)	13·3	12·6
Polaris unobscured (per cent.)	34	39
δ Ursæ Minoris (ditto)	30	33

** *See* Meteorological Magazine, May, 1920, p. 70.

TABLE III (*b*)—SOLAR RADIATION

DIRECT SOLAR RADIATION KEW OBSERVATORY

	Cal./cm.²/diem.
Max. (on 3th)	143
Mean	38·9

TABLE IV—Summary of Observations at fixed hours JANUARY, 1943

DISTRICT, COUNTY AND PLACE		Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE: At Mean Sea Level	MEAN PRESSURE: Difference from Average	TEMPERATURE AND HUMIDITY: Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	CLOUD AMOUNT: Mean Amount	CLOUD AMOUNT: No. of Observations 0	1 to 3	4 to 6	7 to 9	10	VISIBILITY: Number of Observations — Fog 0	Fog 1	Fog 2	Fog 3	Mist 4	Poor Vis. 5	Mod. Vis. 6	Good Visibility 7	Good Visibility 8	Good Visibility 9	WIND, NUMBER OF OBSERVATIONS: Force (0-12) 8 or more	6 to 7	4 to 5	1 to 3	Calm	Direction N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
		G.M.T.	ft	mb	mb	°F	°F	mb	%																													
0 SCOTLAND, N.																																						
Shetlands	Sumburgh (Links)	1	23	1001·5	–	41·0	1·4	7·6	87	7·1	0	9	2	10	10	0	0	0	0	0	0	8	5	14	4	1	8	10	12	0	3	1	2	6	8	8	2	1
		7	23	1000·8	-4·7	41·3	1·3	7·8	88	8·5	0	3	1	13	14	0	0	0	0	0	3	4	5	18	1	1	10	9	10	1	2	2	3	4	8	6	3	1
		13	23	1000·7	–	41·7	1·3	7·9	89	8·4	0	2	3	15	11	0	0	0	0	0	3	3	6	9	0	0	9	9	10	1	3	2	3	7	6	4	2	3
		18	23	1000·2	–	40·9	0·8	8·1	93	7·7	0	6	3	8	14	0	0	0	0	0	0	8	4	14	5	2	9	11	7	2	2	3	2	4	8	5	2	3
Hebrides	Benbecula	1	27	999·0	–	42·1	1·6	7·9	86	6·4	2	7	4	8	10	0	0	0	0	0	0	2	8	18	3	1	3	14	13	0	1	1	2	7	13	2	4	1
		7	27	997·2	–	42·2	1·5	8·0	87	7·8	0	4	3	11	13	0	0	0	0	0	0	2	8	21	0	0	5	15	10	1	1	1	3	8	10	4	1	2
		13	27	997·6	–	43·6	2·0	8·1	84	7·6	0	1	8	14	8	0	0	0	0	0	0	4	3	14	10	1	5	14	11	0	2	1	2	7	10	6	1	2
		18	27	997·7	–	42·3	1·6	7·9	86	7·8	0	3	5	15	8	0	0	0	0	0	0	2	7	17	5	1	0	8	9	14	0	1	0	3	6	14	3	2	2
Stornoway		1	83	999·9	–	40·5	0·7	8·0	94	6·3	0	9	5	7	10	0	0	0	0	0	0	3	16	12	0	2	6	9	9	5	1	0	4	7	7	5	1	1
		7	83	998·5	-7·6	41·1	1·0	8·0	91	7·0	2	4	6	9	10	0	0	0	0	0	0	4	17	10	0	1	9	8	9	4	1	0	4	6	8	4	3	1
		13	83	998·6	–	42·8	1·3	8·3	89	7·5	0	5	2	19	5	0	0	0	0	0	0	2	8	19	2	2	1	11	8	2	1	1	5	3	8	7	2	1
		18	83	998·8	–	41·0	0·9	8·1	92	7·5	0	6	1	14	10	0	0	0	0	0	1	7	10	12	1	3	8	6	10	4	1	1	4	6	5	4	2	
Caithness	Wick	1	117	1001·5	–	39·2	1·5	7·1	86	5·5	2	8	10	4	7	0	0	0	0	0	1	1	5	16	8	1	4	8	16	2	1	0	1	5	10	7	2	3
		7	117	1000·6	-6·1	39·7	1·5	7·2	87	7·4	0	4	6	11	10	0	0	0	0	0	1	2	5	16	8	1	3	9	15	3	1	0	1	6	11	6	1	2
		13	117	1000·2	–	40·9	1·8	7·4	84	8·0	0	0	7	14	10	0	1	0	0	0	1	5	3	14	8	1	2	12	16	0	1	1	1	8	12	4	2	2
		18	117	999·9	–	40·0	1·5	7·3	87	7·0	1	4	4	14	8	0	0	0	0	0	1	3	5	15	6	1	1	11	16	2	1	1	0	5	10	6	2	4
Sutherland	Cape Wrath	1	371	999·1	–	41·1	1·3	7·7	89	8·1	0	1	4	22	4	0	0	0	0	0	0	0	7	17	7	0	4	12	15	0	2	1	0	6	7	2	9	0
		7	371	998·2	–	40·8	1·2	7·6	89	8·7	0	0	3	24	4	0	0	0	0	0	0	0	6	22	3	0	3	18	10	0	2	1	5	7	5	8	2	1
		13	371	998·1	–	41·9	1·4	7·9	88	9·0	0	0	0	26	5	0	0	0	0	0	0	1	7	21	3	1	5	17	8	0	1	1	2	8	4	11	3	1
		18	371	998·1	–	41·3	1·1	8·1	91	8·7	0	0	2	21	8	0	0	0	0	0	0	1	6	21	3	1	2	14	14	0	3	1	3	5	3	14	2	1
Ross and Cromarty	Invergordon	1	19	1001·4	–	38·1	1·7	6·6	85	6·4	0	9	5	8	9	0	1	0	0	0	1	5	6	18	0	1	0	2	5	18	6	0	2	1	1	6	10	5
		7	19	1000·3	–	38·1	1·7	6·6	85	7·1	0	7	5	8	11	0	0	0	0	1	0	0	4	22	0	1	1	9	15	5	3	0	1	2	3	3	5	10	6	2
		13	19	999·3	–	40·9	2·2	7·0	81	7·3	0	5	3	14	9	0	0	0	0	0	0	2	8	14	7	1	1	8	18	3	1	2	5	1	1	8	6	4	5
		18	19	1000·0	–	38·9	1·6	6·9	85	6·3	0	12	1	8	10	0	0	0	0	0	1	1	6	16	1	1	1	10	14	6	1	1	4	1	2	6	5	5
Inverness	Dalwhinnie †	7	1180	957·8	–	33·9	1·0	5·8	90	7·8	0	5	3	9	14	0	0	0	1	0	1	2	7	11	10	0	0	0	7	19	5	0	2	1	1	3	10	7	2	1
		13	1180	957·6	–	36·4	1·4	6·2	86	8·5	0	1	3	16	11	0	0	0	0	0	1	5	9	15	0	0	1	4	26	0	1	1	2	10	11	2	1	0
		18	1180	958·0	–	34·5	1·2	5·9	87	7·2	0	7	4	8	12	0	0	0	0	0	0	8	10	13	0	0	0	5	25	1	3	2	0	4	10	6	5	0
1 SCOTLAND, E.																																						
Moray	Lossiemouth	1	24	1001·6	–	37·5	1·6	6·5	85	6·6	0	9	4	7	11	0	0	0	0	0	1	2	6	18	4	0	2	8	17	4	0	0	2	6	7	7	3	2
		7	24	1000·6	–	37·1	1·3	6·5	88	7·3	2	7	0	7	15	0	0	0	0	0	0	4	7	20	0	0	1	8	19	3	0	0	1	5	10	8	1	1
		13	24	1000·0	–	41·3	2·3	7·1	80	7·6	0	3	4	17	7	0	0	0	0	0	1	1	8	16	5	0	2	7	22	0	0	0	1	4	6	7	8	1
		18	24	1000·4	–	38·2	1·6	6·8	85	6·5	0	9	5	10	7	0	0	0	0	0	0	4	4	18	5	0	2	7	21	1	0	0	3	9	5	8	3	2
Aberdeen	Aberdeen H	7	85	1001·8	-7·3	37·9	1·4	6·7	87	6·1	0	11	2	7	11	0	1	0	0	6	2	4	11	3	4	0	0	0	12	14	5	0	2	0	1	3	7	6	3	2
		13	85	1001·0	–	40·4	1·6	7·3	86	7·8	0	7	0	8	16	0	0	0	0	4	7	3	11	0	6	0	0	1	8	22	0	0	1	2	0	4	7	6	4	4
		18	85	1001·5	–	39·5	1·6	7·1	86	6·1	3	10	0	4	14	0	1	0	0	4	3	2	6	2	6	0	0	1	12	15	3	0	2	0	0	4	7	6	4	4
		21	85	1001·9	–	39·1	1·5	7·0	86	6·0	2	9	5	3	12	0	1	2	2	3	8	7	4	4	0	0	1	7	20	3	2	0	0	2	12	5	3	4
		h.*	85	1001·8	-7·6	39·1	1·5	7·0	86																													
	Braemar ‡	9	1108	1002·8	-7·1	33·2	1·4	5·4	85	8·3	1	2	3	6	19	0	0	0	1	2	15	13	0	0	0	0	1	5	14	11	3	1	2	3	0	9	0	2
Moray	Dyce	1	237	1002·7	–	37·2	1·4	6·5	87	6·2	3	8	3	7	10	1	0	0	1	0	3	9	7	7	3	0	0	4	10	8	9	1	0	0	1	4	7	5	3	2
		7	237	1001·9	–	36·4	1·5	6·2	85	6·8	1	8	2	6	14	0	0	0	1	0	0	9	7	8	5	0	0	2	12	6	11	0	0	0	1	4	7	6	2	2
		13	237	1001·2	–	39·5	1·6	7·1	86	8·0	0	3	4	8	16	0	0	0	1	0	1	3	13	3	8	3	0	2	12	12	5	2	0	0	2	4	7	6	2	3
		18	237	1001·5	–	37·6	1·3	6·7	88	6·7	2	8	1	7	13	0	0	0	0	2	1	4	8	5	10	1	0	0	4	8	10	9	1	1	0	0	2	4	7	5	3	3
Angus	Montrose (Airf'd)	1	22	1003·4	–	38·5	1·3	7·0	88	7·1	1	6	4	5	15	0	1	0	0	0	1	3	10	6	7	2	0	0	11	18	2	1	1	1	3	4	7	4	7	4
		7	22	1002·3	–	38·1	1·2	6·9	89	7·8	0	6	2	8	15	0	0	0	0	1	1	2	15	7	4	2	0	0	10	18	3	0	1	1	3	4	5	7	9	1
		13	22	1001·3	–	40·4	1·4	7·5	88	8·3	0	1	6	10	14	0	0	0	0	1	5	6	14	4	4	3	0	0	6	21	0	1	2	0	1	4	3	9	9	2
		18	22	1002·2	–	39·2	1·3	7·2	88	6·8	0	10	2	5	14	0	0	0	0	1	2	6	10	4	4	3	0	0	4	6	21	0	1	2	0	1	4	3	9	2	3
Perth	Errol	1	33	1003·1	–	37·1	1·3	6·6	88	6·2	3	7	4	7	10	0	2	0	0	1	7	3	6	5	6	1	1	0	1	10	15	5	2	0	1	3	8	5	4	3
		7	33	1001·6	–	36·5	1·0	6·5	91	7·5	0	7	3	4	17	0	0	0	0	1	2	10	5	6	6	1	1	0	2	5	14	10	1	2	0	2	4	1	2	1	0
		13	33	1000·9	–	39·4	1·6	6·9	85	8·4	0	2	3	12	14	0	0	0	0	2	3	11	4	8	1	0	0	0	7	19	5	2	1	2	3	4	8	4	2	0	2
		18	33	1001·7	–	38·6	1·5	6·9	88	6·5	2	9	1	5	14	0	0	0	2	1	9	6	6	8	1	0	0	0	10	15	6	1	0	0	1	3	6	5	4	0	3
Fife	Leuchars H	1	36	1003·0	–	38·0	1·2	6·9	89	6·3	2	8	4	2	15	9	0	2	1	0	3	3	10	4	8	0	0	0	8	14	9	0	0	0	2	4	1	1	5	3	1
		7	36	1002·0	-7·7	37·6	1·1	6·9	90	7·4	1	5	3	6	16	0	0	1	0	0	2	4	14	6	4	0	0	0	1	9	13	8	0	0	4	3	3	1	7	4	1
		13	36	1000·9	–	40·5	1·7	7·3	86	8·5	0	1	5	11	14	0	0	0	0	4	2	6	15	4	6	0	0	0	1	9	13	8	0	0	4	3	3	1	7	4	1
		18	36	1001·8	–	39·1	1·6	6·9	85	6·0	3	9	2	5	12	0	0	1	0	2	5	6	9	2	7	1	0	0	1	9	13	8	2	0	0	4	3	3	7	6	4	1
Mid Lothian	Edinburgh (Blackford Hill)	9	441	1001·3	–	38·3	1·4	6·8	87	7·4	0	4	6	8	13	0	0	0	2	1	4	4	14	0	7	0	0	0	2	10	15	4	1	0	0	1	4	4	4	1	1
		21	441	1002·4		38·7	1·9	6·5	82	5·5	7	5	4	5	10	–	–	–	–	–	–	–	–	10	0	1	2	11	13	4	1	0	0	2	7	7	6	4	4	2
Berwick	St. Abb's Head	1	312	1003·1	–	39·1	1·0	7·3	91	6·3	0	11	5	4	11	3	0	0	0	0	1	4	3	3	21	0	0	0	1	0	20	10	1	1	0	0	5	8	7	6	4	1
		7	312	1001·9	–	38·8	1·1	7·2	90	7·1	0	8	4	8	11	1	1	0	0	0	1	1	3	24	0	0	0	1	16	14	0	0	0	0	11	7	6	5	2	2
		13	312	1001·0	–	40·6	1·2	7·7	89	7·9	0	0	8	13	10	1	1	0	0	0	1	0	7	21	1	0	0	3	10	18	8	5	9	7	5	4	2	2
		18	312	1001·8	–	39·9	1·5	7·3	87	6·0	0	9	8	7	7	1	0	0	1	0	3	7	19	0	0	0	2	13	14	2	2	0	1	1	6	7	7	4	2	2
6a SCOTLAND, W.																																						
Argyll	Tiree	1	27	999·8	–	43·0	1·9	7·9	84	7·6	0	5	5	7	14	0	0	0	0	0	1	4	9	16	1	1	9	9	12	0	2	0	2	8	9	6	3	1
		7	27	998·2	-9·5	43·0	1·8	8·0	85	8·3	0	3	4	6	18	0	0	0	0	0	0	6	11	13	1	0	8	14	9	0	1	2	1	7	10	6	2	1
		13	27	998·6	–	44·3	2·3	8·1	81	7·8	0	2	8	11	10	0	0	0	0	0	0	1	7	4	1	0	5	15	10	0	2	2	1	7	8	3	2	1
		18	27	999·1	–	43·0	1·9	7·9	84	7·9	0	2	5	13	11	0	0	0	0	0	0	2	9	14	4	0	2	13	9	1	0	2	0	2	7	10	3	5	1	1
Bute	Rothesay	9	187	1001·0	-9·9	40·9	1·3	7·7	88	7·7	0	2	5	20	4	0	0	0	0	0	1	2	13	5	11	0	0	0	8	23	0	0	0	2	7	2	7	3	6	4	3
		21	187	1002·3	–	40·6	1·5	7·5	87	6·2	2	7	5	9	8	0	0	0	0	0	1	3	16	2	2	0	0	0	8	22	0	1	0	2	6	7	3	5	7	2	1
Renfrew	Renfrew (Abbotsinch)	1	24	1002·8	–	38·7	1·2	7·3	93	7·4	4	2	3	6	16	0	2	1	0	4	0	7	6	7	2	0	0	1	3	20	7	1	0	2	7	1	2	4	6	2	1
		7	24	1001·2	-9·5	38·7	1·2	7·3	89	8·2	1	4	2	3	21	0	3	1	2	3	8	6	3	2	0	0	0	6	16	7	3	1	2	1	10	1	2	1	0	1
		13	24	1001·0	–	41·0	1·7	7·6	86	9·2	0	1	2	8	20	0	3	1	3	3	6	3	8	2	5	0	0	0	6	22	4	4	6	2	1	4	7	6	5	1	1
		18	24	1001·9	–	39·8	1·5	7·3	87	7·9	0	3	4	11	13	2	0	1	3	2	7	3	8	2	4	0	0	1	6	20	4	2	1	3	5	7	5	7	3	1	2
		7	778	1002·3	-9·8	35·6	0·9	6·4	91	8·4	1	2	2	7	19	0	0	1	0	0	0	0	17	2	6	0	0	0	12	15	9	5	1	1	2	5	7	5	3	1	1
		13	778	1001·6	–	38·4	1·2	7·0	89	8·9	0	1	3	9	18	0	1	0	0	0	0	3	11	2	6	0	0	0	9	18	9	5	1	1	2	5	7	5	3	1	1
Dumfries	Eskdalemuir ‡‡H	18	778	1002·8	–	36·3	1·0	6·5	90	7·5	0	5	4	8	14	0	1	0	0	1	0	3	11	2	6	0	0	0	8	14	7	7	2	2	4	8	7	9	7	1	1
		21	778	1003·2	–	36·0	1·0	6·4	90	7·0	3	4	1	11	12	0	0	0	2	1	2	10	10	6	0	0	0	0	12	7	4	4	3	2	1	1	5	7	4	1	1
		h.*	778	1002·6	-9·6	36·4	1·0	6·6	90																													
6b ISLE OF MAN																																						
Isle of Man	Douglas H	9	286	1001·8	11·3	42·4	1·5	8·5	87	7·3	0	0	10	18	3	0	0	0	2	0	8	17	4	0	0	1	4	20	6	0	1	1	4	7	3	4	7	4
		1	31	1002·8	–	42·9	1·2	8·4	89	6·0	1	11	1	6	12	0	0	0	1	0	2	4	8	17	0	1	1	6	14	9	1	3	0	1	4	6	4	2	3
	Point of Ayre	7	31	1001·3	–	42·4	0·6	8·7	94	7·5	0	8	1	3	19	0	0	0	1	0	1	0	4	14	1	1	0	10	13	7	0	0	0	1	0	1	4	3	4	1	1
		13	31	1001·2	–	44·9	1·8	8·7	86	8·0	0	4	3	9	15	0	0	0	0	1	0	5	12	6	0	0	1	11	14	6	2	2	1	3	5	11	4	5	7	1	1
		18	31	1002·2	–	43·0	1·2	8·5	90	6·3	0	11	3	7	10	0	0	0	1	1	1	4	10	15	0	1	1	8	12	9	1	2	2	4	5	7	7	6	4	1	1

* Mean of hourly readings. † Pressure at Station Level. ‡ Mean pressure at Station Level is 960·8 mb.

‡‡ Mean pressures at Station Level are 973·3 mb. at 7 h., 972·8 mb. at 13 h. 973·8 mb. at 18 h., and 974·2 mb. at 21 h.

TABLE IV (*continued*)—Summary of Observations at fixed hours JANUARY, 1943

DISTRICT, COUNTY AND PLACE		Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE: At Mean Sea Level	MEAN PRESSURE: Difference from Average	TEMPERATURE AND HUMIDITY: Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	CLOUD AMOUNT: Mean Amount	NO. OF OBSERVATIONS: 0	1 to 3	4 to 6	7 to 9	10
		G.M.T.	ft	mb	mb	°F	°F	mb	%						
2 ENGLAND, N.E.															
Northumberland	Cockle Park ..	9	331	–	–	38·2	1·0	7·1	91	7·5	0	6	4	8	13
		21	331	–	–	37·7	1·2	6·8	89	6·5	3	7	2	6	13
	Ouston	1	435	1005·0	–	36·9	0·9	7·0	92	7·0	5	4	0	7	15
		7	435	1003·7	–	36·5	0·9	6·9	92	7·6	0	5	4	9	13
		13	435	1002·8	–	39·3	1·5	7·2	87	8·2	0	2	3	16	10
		18	435	1003·8	–	37·1	1·1	6·8	89	6·2	0	12	3	4	12
	Tynemouth	1	122	1005·3	–	39·5	1·3	7·2	87	6·1	0	8	8	4	11
		7	122	1004·0	-7·8	39·4	1·3	7·2	88	6·6	0	8	7	4	12
		13	122	1003·3	–	41·7	2·0	7·4	82	7·6	0	3	7	10	11
		18	122	1003·7	–	40·4	1·4	7·5	88	6·0	0	6	11	5	9
Durham	Durham	9	352	1003·0	-9·9	37·1	0·9	6·8	91	7·9	0	4	6	3	18
		21	352	1003·6	–	37·4	0·8	7·0	92	6·2	6	6	1	3	15
Yorks., N. Riding	Catterick .. H	1	181	1005·9	–	36·7	0·8	7·0	93	7·6	3	3	3	5	17
		7	181	1004·4	–	37·2	0·8	7·1	93	7·7	0	6	2	3	20
		13	181	1003·8	–	40·7	1·8	7·4	85	8·4	0	1	5	11	14
		18	181	1004·8	–	38·4	1·3	7·2	89	6·6	0	9	4	6	12
	Linton-on-Ouse ..	1	47	1005·8	–	37·0	0·8	7·1	92	6·7	6	2	3	6	14
		7	47	1004·4	–	37·0	0·8	7·1	93	7·8	3	4	1	1	22
		13	47	1005·1	–	41·1	1·6	7·7	87	8·4	0	3	4	8	16
		18	47	1004·7	–	38·7	1·2	7·3	89	6·9	0	9	3	6	13
	Scarborough ..	9	96	1004·7	-8·6	40·3	1·5	7·3	87	7·3	0	3	6	16	6
	Thornaby	1	60	1004·8	–	37·9	1·4	7·0	87	7·3	3	3	3	9	13
		7	60	1003·4	–	37·9	1·3	6·9	88	7·2	0	6	5	8	14
		13	60	1002·8	–	41·5	2·1	7·4	81	8·6	1	0	3	14	13
		18	60	1003·8	–	39·6	1·7	7·1	84	6·2	4	7	3	5	12
	York	9	53	1005·1	-9·1	38·5	0·8	7·3	92	8·1	0	5	3	6	17
Yorks., E. Riding	Driffield	1	70	1006·4	–	37·5	1·0	7·0	91	6·3	6	4	2	8	11
		7	70	1005·3	–	37·4	0·7	7·2	90	7·5	1	5	3	6	16
		13	70	1004·7	–	41·4	1·9	7·3	84	8·2	1	2	5	7	16
		18	70	1005·3	–	39·2	1·3	7·3	88	7·2	2	6	3	6	14
	Spurn Head ..	1	57	1006·7	–	39·9	1·3	7·3	87	7·0	3	4	4	8	12
		7	57	1005·5	-7·8	39·6	1·0	7·5	91	7·6	2	2	5	9	13
		13	57	1004·7	–	41·4	1·7	7·6	85	8·0	0	3	6	5	17
		18	57	1005·6	–	40·6	1·5	7·4	86	6·8	2	6	6	3	14
Lincoln	Cranwell .. H	1	208	1006·9	–	38·0	0·7	7·4	93	7·2	6	2	2	3	18
		7	208	1005·8	–	37·8	0·7	7·4	94	7·4	2	5	1	8	15
		13	208	1005·2	–	42·4	1·8	8·0	85	8·0	0	3	4	9	15
		18	208	1005·8	–	39·3	1·0	7·7	92	7·7	1	5	3	6	16
3 ENGLAND, E.															
Norfolk	Cromer .. H	9	74	1006·9	–	39·8	0·6	7·9	95	7·5	0	1	10	10	10
		1	26	1008·0	–	40·1	1·0	7·7	91	6·8	4	3	5	6	13
	Yarmouth	7	26	1007·1	-8·1	40·0	1·4	7·3	87	7·8	0	3	7	5	16
		13	26	1006·6	–	42·7	1·9	7·8	83	7·7	0	3	4	14	10
		18	26	1007·1	–	41·8	1·6	7·8	87	7·4	2	5	6	3	15
Suffolk	Felixstowe Airfield	7	16	1007·4	–	39·2	1·1	7·3	90	6·8	0	10	2	3	16
		13	16	1007·4	–	43·1	1·8	8·0	85	7·8	1	2	3	19	6
		18	16	1007·6	–	41·1	1·3	7·7	88	7·3	2	3	7	7	12
	Stradishall ..	1	405	1007·9	–	38·2	0·7	7·5	94	6·9	5	3	3	4	16
		7	405	1006·8	–	37·6	0·7	7·4	94	7·0	3	5	2	5	16
		13	405	1007·0	–	41·8	1·5	8·1	87	7·3	0	4	7	11	9
		18	405	1007·2	–	39·9	0·9	7·8	91	7·7	3	2	3	7	16
	Mildenhall H	1	40	1008·4	–	39·2	1·1	7·6	91	7·2	5	2	1	9	14
		7	40	1007·2	–	38·9	1·1	7·4	90	6·9	0	8	4	6	13
		13	40	1006·8	–	43·7	2·3	8·1	82	8·0	0	4	3	14	10
		18	40	1007·5	–	40·1	1·1	7·9	88	8·4	1	1	5	11	13
Cambridge	Cambridge .. H	9	43	1007·3	-8·8	39·7	1·2	7·6	89	7·1	4	4	3	6	14
		21	43	1006·5	–	0·0	1·2	7·7	90	6·7	9	1	1	4	16
Bedford	Dunstable H	1	519	1007·4	–	38·9	0·8	7·7	93	7·4	3	4	1	9	14
		7	519	1006·9	–	38·3	0·7	7·5	93	7·2	2	5	4	7	13
		13	519	1006·5	–	43·0	2·0	8·0	84	8·2	0	2	3	15	11
		18	519	1007·1	–	40·1	1·1	7·7	90	7·2	3	4	3	6	15
Hertford	Rothamsted ..	9	396	1007·1	-9·3	39·2	0·9	7·5	92	7·4	3	4	1	8	15
Essex	Shoeburyness H	7	12	1008·2	–	40·0	1·3	7·6	88	6·7	3	7	1	5	15
		13	12	1008·4	–	44·6	2·2	8·4	83	7·5	0	4	5	11	11
		18	12	1008·5	–	42·0	1·4	8·1	87	7·0	1	6	6	5	13
4 MIDLAND COUNTIES															
Yorks., W.R.	Finningley ..	1	55												
		7	55												
		13	55												
		18	55												
	Harrogate ..	9	478	1004·0	-9·9	38·0	0·9	7·1	91	8·3	0	3	4	6	18
Nottingham	Nottingham ..	9	215	1004·8	-10·2	39·7	1·1	7·5	89	7·5	3	3	4	4	17
Warwick	Birmingham H	7	542	1005·3	-10·0	39·4	0·9	7·7	92	7·3	3	3	3	8	14
		13	542	1005·2	–	42·8	1·8	8·2	86	8·2	0	3	3	11	14
		18	542	1005·8	–	41·0	1·2	8·0	90	7·8	2	3	3	9	14
	Honiley	1	431	1006·3	–	39·1	0·9	7·6	92	7·4	4	2	4	6	15
		7	431	1005·3	–	39·1	0·8	7·7	93	7·6	1	4	5	4	17
		13	431	1005·1	–	42·6	1·7	8·2	86	8·5	0	2	3	15	11
		18	431	1005·8	–	40·7	1·2	7·8	90	8·5	0	2	3	11	15

DISTRICT, COUNTY AND PLACE		VISIBILITY: NUMBER OF OBSERVATIONS: FOG 0	FOG 1	FOG 2	FOG 3	MIST 4	POOR VIS. 5	MOD. VIS. 6	GOOD VISIBILITY 7	GOOD VISIBILITY 8	GOOD VISIBILITY 9	WIND, NUMBER OF OBSERVATIONS: FORCE (0-12) 8 or more	6 to 7	4 to 5	1 to 3	Calm	DIRECTION N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
2 ENGLAND, N.E.																								
Northumberland	Cockle Park ..	2	2	0	2	2	5	9	0	11	2	0	1	3	26	1	2	0	1	4	7	5	7	4
		1	1	1	3	3	4	14	0	3	1	0	1	9	20	1	3	0	2	4	4	4	11	2
	Ouston	0	3	0	3	2	2	11	7	3	0	0	0	9	21	1	1	0	2	8	3	5	7	4
		0	1	1	0	3	4	12	7	3	0	0	2	5	20	4	0	0	2	6	7	4	6	2
		0	0	1	3	5	5	5	4	8	0	0	2	7	22	0	1	2	4	4	4	6	7	3
		1	1	1	1	4	6	5	7	5	0	0	2	3	25	1	1	1	4	4	5	5	7	3
	Tynemouth	0	0	1	1	5	2	17	5	0	0	0	4	11	16	0	1	1	0	3	8	6	10	2
		0	0	0	1	3	3	17	7	0	0	1	5	11	14	0	1	0	0	3	9	5	8	5
		0	0	0	5	5	4	13	3	1	0	2	5	7	17	0	1	1	1	3	7	9	9	0
		1	0	1	2	7	3	14	2	1	0	1	2	1	2	0	1	5	11	14	0	1	2	2
Durham	Durham	0	3	1	1	5	7	11	3	0	0	0	1	9	14	7	0	0	1	3	9	7	3	1
		0	0	1	2	4	1	19	3	1	0	1	0	0	5	15	11	1	0	1	1	9	5	1	2
Yorks., N. Riding	Catterick .. H	2	4	0	3	4	5	7	5	1	0	0	0	6	22	3	1	0	0	6	10	2	5	4
		1	2	3	4	3	5	7	5	1	0	0	0	9	17	5	0	0	1	7	7	3	3	5
		0	4	5	1	3	2	5	7	4	2	0	0	1	6	20	4	1	1	3	9	4	6	2
		0	3	4	5	2	4	7	4	2	0	0	0	1	5	21	4	2	1	0	4	9	5	1
	Linton-on-Ouse ..	1	2	2	2	5	5	10	1	3	0	0	0	3	20	8	1	0	3	5	5	2	2	5
		1	2	2	1	4	1	12	6	2	1	0	0	1	4	21	5	2	0	1	8	6	4	2
		0	1	1	2	7	5	9	3	2	1	0	0	6	20	5	2	0	1	6	5	6	4	2
		0	0	2	5	5	4	9	3	3	0	0	1	3	23	4	2	1	0	6	8	4	4	2
	Scarborough ..	0	2	2	0	7	4	19	4	0	0	0	2	8	21	0	1	1	3	6	6	5	1	3
	Thornaby	0	0	1	4	7	4	10	5	0	0	0	3	9	17	2	1	1	0	2	7	10	4	5
		0	2	2	0	7	2	13	4	1	0	0	3	10	15	3	0	1	0	2	7	10	4	3
		0	1	0	1	6	2	13	6	3	0	0	4	10	15	2	0	1	0	2	3	13	7	3
		0	0	1	1	6	7	9	4	3	0	0	1	10	19	1	2	1	0	7	12	5	2	1
	York	–	–	–	–	–	–	–	–	–	–	0	1	1	29	0	2	2	0	7	8	5	3	4
Yorks., E. Riding	Driffield	1	1	3	1	6	4	9	6	0	0	0	1	10	9	1	2	1	2	4	7	5	6	3
		1	1	0	1	6	7	11	3	1	0	0	0	13	16	2	1	2	1	5	6	5	3	5
		0	0	1	0	8	4	10	4	4	0	0	0	3	10	18	0	2	2	0	2	3	7	6	8	3
		0	1	1	3	5	5	9	5	2	0	0	0	7	23	1	2	2	1	3	7	6	7	4	3
	Spurn Head ..	0	1	0	1	1	5	16	7	0	0	0	1	6	14	10	0	2	1	1	7	8	4	5	3
		0	0	0	1	1	2	15	12	0	0	0	0	11	12	7	1	1	2	1	6	10	4	2	4
		0	1	0	1	1	2	11	8	0	0	0	1	8	11	9	2	1	0	2	3	9	8	3	3
		0	1	0	1	0	5	14	9	0	0	0	0	7	10	14	0	1	0	2	6	10	4	5	3
Lincoln	Cranwell .. H	0	3	0	4	5	7	11	1	0	0	0	0	4	15	12	0	2	0	3	4	9	5	5	3
		0	2	3	4	3	1	15	3	0	0	0	1	3	16	10	2	1	3	0	5	9	6	3	2
		0	1	0	2	4	5	14	1	4	0	0	2	19	8	1	0	1	2	11	6	5	3	3
		1	1	0	2	7	6	11	2	1	0	0	4	9	17	1	0	1	1	2	11	6	6	3
3 ENGLAND, E.																								
Norfolk	Cromer .. H	0	0	0	0	0	7	21	3	0	0	0	2	11	17	1	2	0	3	6	11	3	1	4
		0	0	0	0	0	4	17	9	1	0	0	4	11	16	0	1	1	1	5	7	8	6	2
	Yarmouth	0	0	0	1	0	3	15	12	0	0	0	6	11	11	3	3	1	1	4	8	6	2	3
		0	0	0	1	2	0	15	13	0	0	1	6	11	12	1	1	1	1	5	6	9	3	4
		0	0	0	1	2	7	17	4	0	0	0	4	9	17	1	1	1	1	4	13	4	2	4
Suffolk	Felixstowe Airfield	0	0	0	1	6	9	15	0	0	0	0	4	17	9	1	0	2	3	5	7	6	1	6
		0	0	2	0	2	7	14	4	2	0	1	5	14	11	0	1	1	1	0	4	11	6	4	4
		0	0	0	1	3	12	13	2	0	0	1	2	13	14	1	1	1	1	0	6	12	3	4	3
	Stradishall ..	0	1	2	3	6	9	9	1	0	0	3	14	13	1	0	1	2	6	10	4	4	4	3
		0	1	0	3	8	5	12	1	1	1	1	4	15	11	1	2	0	1	4	15	11	4	3	2
		0	1	1	0	8	5	12	2	1	1	1	5	11	14	0	2	0	1	4	12	6	4	2	2
		0	1	2	1	11	5	10	1	0	0	0	1	12	17	1	0	1	0	7	11	5	5	1	3
Cambridge	Mildenhall H	0	0	1	1	5	2	11	8	3	1	0	3	0	2	8	7	1	3	1	7	6	2	2	2
		0	0	1	0	6	6	12	6	0	0	0	1	13	17	0	3	0	2	8	7	1	3	2	2
		0	0	0	0	2	6	9	9	4	1	0	1	16	13	1	1	2	1	11	5	6	2	2	2
		0	0	0	0	2	6	9	9	4	1	0	2	15	13	1	0	1	0	6	8	9	2	4	1
		1	0	1	1	6	7	12	2	1	0	0	0	11	20	0	2	0	0	7	11	6	4	1	5
Bedford	Cambridge .. H	–	–	–	–	–	–	–	–	–	–	0	1	5	21	4	1	1	0	3	8	8	1	5	
		–	–	–	–	–	–	–	–	–	–	0	0	3	28	0	1	1	6	7	6	4	1	5	
	Dunstable H	0	0	0	2	6	4	15	4	0	0	0	3	17	8	3	1	2	2	7	8	4	3	1	
		0	1	0	2	4	5	18	3	0	0	0	3	14	12	2	2	0	1	8	6	6	5	1	
		0	1	0	2	3	3	15	3	4	0	0	3	18	9	1	0	0	1	5	8	9	5	2	
		0	2	1	1	4	4	11	8	0	0	0	3	14	14	0	0	1	2	6	10	8	4	2	
Hertford	Rothamsted ..	1	3	1	1	2	13	10	0	0	0	0	1	2	24	4	2	0	4	4	8	2	2	1	5
Essex	Shoeburyness H	0	0	0	2	2	12	14	1	0	0	0	1	15	13	2	0	2	0	4	10	7	2	4	
		0	0	0	0	2	10	10	3	6	0	0	1	12	17	0	1	1	0	5	9	6	4	5	
		0	0	0	0	3	11	14	3	0	0	0	1	12	18	0	2	1	0	5	9	8	2	4	
4 MIDLAND COUNTIES																								
Yorks., W.R.	Finningley ..																							
	Harrogate ..	0	4	5	5	0	5	3	5	2	2	0	1	5	25	0	0	3	0	7	6	4	7	4
Nottingham	Nottingham ..	1	3	3	12	5	2	5	0	0	0	0	1	3	26	1	0	1	4	2	5	7	8	3
Warwick	Birmingham H	0	1	3	2	5	4	8	4	4	0	0	0	5	26	0	2	1	1	7	9	5	3	3
		0	2	1	0	5	2	9	8	4	0	0	1	9	21	0	0	1	2	6	10	8	4	2
		1	1	1	8	3	5	4	7	1	0	0	0	5	26	0	0	1	2	6	9	6	2	5
	Honiley	0	3	2	4	5	4	5	6	2	0	0	2	14	14	1	3	1	3	5	10	5	1	2
		0	1	0	5	7	2	7	6	3	0	0	2	13	15	1	1	1	2-	7	10	4	1	4
		0	1	1	5	3	2	9	7	3	0	0	1	12	17	1	0	1	1	5	10	7	3	3
		0	2	1	4	6	2	9	5	2	0	0	0	10	20	1	1	1	3	6	10	4	2	3

TABLE IV (*continued*)—Summary of Observations at fixed hours JANUARY, 1943

DISTRICT, COUNTY AND PLACE		Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE: At Mean Sea Level	MEAN PRESSURE: Difference from Average	TEMPERATURE AND HUMIDITY: Dry Bulb	TEMPERATURE AND HUMIDITY: Depression of Wet Bulb	TEMPERATURE AND HUMIDITY: Vapour Pressure	TEMPERATURE AND HUMIDITY: Relative Humidity	CLOUD AMOUNT: Mean Amount	CLOUD AMOUNT: No. of Observations 0	1 to 3	4 to 6	7 to 9	10	VISIBILITY: Number of Observations — Fog 0	Fog 1	Fog 2	Fog 3	Mist	Poor Vis.	Mod. Vis.	Good Visibility 7	Good Visibility 8	Good Visibility 9	WIND, NUMBER OF OBSERVATIONS — Force (0-12): 8 or more	6 to 7	4 to 5	1 to 3	Calm	Direction: N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
		G.M.T.	ft	mb	mb	°F	°F	mb	%																													
4 MIDLAND COUNTIES—*cont.*																																						
Oxford	Oxford	9	212	1006·8	−10·0	41·1	1·4	7·7	88	6·7	2	6	3	9	11	0	0	3	1	7	9	9	1	1	0	0	1	8	21	1	1	1	1	7	8	6	4	2
		1	243	1006·9	–	39·6	0·8	7·9	94	7·9	3	2	2	6	18	0	0	3	2	8	2	10	6	0	0	0	2	10	17	2	2	0	4	5	7	5	3	3
	Upper Heyford	7	243	1006·1	–	39·0	0·7	7·8	95	7·5	3	3	3	5	17	0	0	1	4	7	4	11	4	0	0	0	1	10	19	1	2	0	3	3	7	6	2	5
		13	243	1006·1	–	43·3	1·7	8·4	87	8·7	0	2	2	12	15	0	2	0	2	5	3	11	2	6	0	0	1	11	17	2	1	0	1	4	7	8	5	3
		18	243	1005·3	–	41·2	1·0	8·2	92	8·1	0	4	1	12	14	0	2	0	2	5	5	11	2	6	0	0	1	6	24	0	1	0	1	8	9	5	5	3
Shropshire	Shrewsbury H	9	186	1004·4	–	40·8	1·4	7·8	88	8·0	0	4	5	4	18	1	0	2	3	0	0	4	7	14	0	0	0	5	9	16	1	0	0	9	8	3	8	2
		1	295	1006·5	–	39·2	0·6	7·9	94	7·5	4	1	5	5	16	0	0	0	3	6	6	8	6	2	0	0	1	11	18	1	4	1	2	5	10	3	3	2
	Tern Hill	7	295	1005·1	–	39·2	0·7	7·8	94	8·5	1	0	5	10	15	0	0	0	3	4	6	9	4	5	0	0	1	6	23	1	2	1	1	7	10	5	3	1
		13	295	1005·2	–	43·5	1·7	8·3	86	8·0	1	1	4	14	11	0	1	0	3	4	1	9	5	6	2	0	0	3	10	17	1	1	1	0	7	5	8	4	4
		18	295	1005·9	–	40·4	0·7	8·0	92	7·6	1	6	1	8	15	0	1	0	3	4	1	8	8	9	7	0	0	2	7	21	1	3	1	2	3	7	4	4	2
		7	226	1005·3	−10·6	41·8	1·4	7·9	88	7·2	1	6	3	9	12	0	0	1	0	4	4	3	8	9	7	0	0	1	10	19	1	2	1	2	3	7	10	4	1
Hereford	Ross-on-Wye H	13	226	1005·3	–	45·3	2·4	8·3	81	7·6	0	4	6	9	12	0	0	0	3	1	4	4	8	11	0	0	0	1	9	21	0	1	1	2	1	7	11	6	2
		18	226	1005·7	–	43·3	1·8	8·1	85	6·9	0	7	5	5	14	0	0	0	2	2	3	6	6	12	0	0	0	1	7	23	0	1	1	1	3	4	7	10	5	0
Gloucester	Cheltenham H	9	230	1006·1	−10·2	42·4	1·6	8·0	78	7·5	1	3	6	12	9	0	0	0	2	2	3	5	9	12	0	0	0	1	0	30	0	2	0	1	4	8	8	5	3
		21	230	1006·7	–	42·4	1·0	8·5	90	8·0	1	0	5	14	11	0	0	0	0	1	2	14	14	0	0	0	0	1	30	0	2	2	1	2	9	10	1	4
5 ENGLAND, S.E.																																						
London	Greenwich H	9	152	1007·6	− 9·4	41·2	1·5	7·8	87	7·5	4	3	0	9	15	0	0	4	1	6	5	15	0	0	0	0	3	11	14	3	2	1	0	4	7	9	3	2
		15	152	1007·0	–	44·9	2·6	8·2	79	8·4	0	1	5	12	13	–	–	–	–	–	–	–	–	–	–	1	1	9	19	1	1	1	1	1	1	1	1	1
		21	152	1007·4	–	41·4	1·5	7·9	88	7·8	5	1	1	2	22	–	–	–	–	–	–	–	–	–	–	0	1	9	17	4	1	1	1	1	5	7	6	4	2
		h.*	152	1007·4	− 9·3	41·9																																
		7	34	1007·2	− 9·5	40·6	1·3	7·8	89	7·6	2	5	1	7	16	0	1	3	0	2	6	15	4	0	0	0	2	4	23	2	2	3	3	5	6	6	1	3
		13	34	1007·2	–	44·6	2·5	8·2	80	8·0	1	1	5	14	10	0	0	0	4	2	5	17	2	1	0	0	1	12	18	0	2	0	3	4	7	8	5	2
	Kew Obs'y. H	18	34	1007·4	–	42·8	1·6	8·2	86	7·3	2	5	3	7	14	0	0	2	2	3	12	12	0	0	0	0	0	4	26	1	1	2	1	8	6	7	4	1
		21	34	1007·4	–	42·2	1·4	8·2	88	7·5	5	1	2	8	15	0	0	2	2	4	7	14	2	2	0	0	0	6	24	1	1	2	5	4	6	8	3	1
		h.*	34	1007·4	− 9·5	42·2	1·6	7·9	86																													
		9	66	–	–	41·7	1·4	7·9	88	7·3	0	5	5	12	9	–	–	–	–	–	–	–	–	–	–	1	1	1	28	0	4	1	3	3	5	8	3	4
		15	66	–	–	45·4	2·5	8·3	80	7·2	0	1	12	14	4	–	–	–	–	–	–	–	–	–	–	1	0	3	27	0	2	1	1	4	4	13	1	5
	Kensington	18	66	–	–	43·8	1·8	8·3	85	7·2	0	5	7	6	13	–	–	–	–	–	–	–	–	–	–	1	0	3	27	0	2	1	1	2	4	3	14	1
		1	225	1008·6	–	41·2	0·7	8·4	94	8·0	3	3	2	11	12	0	0	1	4	4	15	6	1	1	0	0	1	5	23	2	1	1	2	2	5	11	5	4
Surrey	Croydon H	7	225	1007·8	–	40·6	0·7	8·2	93		2	6	9	10	4	0	0	0	6	5	8	11	1	1	0	0	0	1	7	22	1	1	1	2	2	5	8	7	1
		13	225	1007·9	–	45·0	2·0	8·4	85	8·0	0	8	8	10	5	0	1	1	0	3	3	19	1	3	0	1	0	9	20	1	1	1	0	2	6	8	8	4
	Wisley	18	225	1008·3	–	42·9	1·1	8·7	91	7·9	2	4	4	9	12	0	1	1	3	10	11	5	0	0	0	0	0	7	23	1	1	0	1	8	8	6	4	2
		9	85	1007·8	–	41·6	1·6	7·7	86	7·9	0	4	4	7	16	0	1	1	3	0	3	13	10	0	0	0	1	0	25	3	1	0	2	6	14	0	4	3
		7	—	–	–	42·1	1·3	8·1	89	6·8	3	4	3	11	10	0	0	0	0	1	0	12	17	0	0	0	0	10	12	9	0	2	2	9	5	9	6	4	3
Kent	Dungeness	13	—	–	–	45·2	1·9	8·7	85	7·3	1	4	4	16	6	0	0	0	0	3	3	4	19	0	0	0	0	9	11	10	0	0	2	0	1	4	9	5	7	3
		18	—	–	–	44·2	1·7	8·5	86	6·9	1	3	10	8	9	0	0	0	0	2	2	11	16	0	0	0	1	5	15	10	0	0	3	0	1	5	9	7	5	2
		1	345	1008·7	–	40·1	1·0	7·8	91	7·5	3	3	3	8	14	0	0	0	2	3	2	3	10	11	0	0	0	3	7	20	1	1	0	1	2	6	7	7	4	3
		7	345	1008·1	− 9·0	39·5	0·8	7·9	92	7·1	0	9	1	6	15	0	0	0	1	2	1	6	12	8	1	0	0	4	8	17	2	2	1	1	1	8	7	4	3	4
	Lympne H	13	345	1008·4	–	43·4	1·5	8·5	88	7·9	1	5	0	12	13	0	0	1	0	2	2	3	8	9	8	0	0	1	8	22	0	0	1	0	2	7	9	3	5	4
		18	345	1008·7	–	41·9	1·2	8·3	90	8·2	1	3	1	11	15	0	1	0	1	3	7	8	9	2	0	0	1	0	7	23	0	1	0	2	7	9	3	5	4
		1	156	1008·6	–	40·6	1·1	7·9	90	7·5	3	3	2	11	12	0	0	0	0	4	4	8	8	5	0	0	0	3	11	16	1	1	0	1	3	12	4	5	4
		7	156	1007·8	–	40·1	1·0	7·9	91	7·0	1	7	2	9	12	1	0	2	0	0	6	17	5	0	0	0	3	15	12	1	1	0	1	3	11	4	5	4
	Manston H	13	156	1008·0	–	44·0	1·8	8·5	85	8·5	0	3	0	17	11	0	0	0	0	1	1	10	12	6	0	0	0	1	11	17	0	0	0	1	2	11	8	2	4	4
		18	156	1008·1	–	42·4	1·4	8·2	88	8·0	1	4	2	12	12	0	1	0	0	2	9	11	8	0	0	0	0	1	12	18	0	0	0	1	1	10	8	5	4	4
	Tunbridge Wells	9	407	1008·5	− 9·1	40·3	0·7	8·0	94	7·3	3	3	4	4	17	0	1	1	0	0	5	10	11	3	0	0	0	1	4	8	18	0	0	0	3	9	8	4	5	4
Sussex	Hastings H	9	154	1008·5	− 9·0	42·3	1·2	8·3	88	7·5	5	1	2	8	15	0	0	0	1	10	15	1	7	1	0	0	0	1	9	16	2	1	1	1	7	2	10	4	4	4
		1	10	1007·9	–	42·5	1·1	8·4	91	7·6	1	5	2	8	15	0	0	0	0	4	4	15	7	1	0	0	0	3	10	15	3	2	1	1	4	7	3	4	4	3
	Thorney Is.	7	10	1007·4	–	42·7	1·1	8·5	91	6·6	2	8	2	7	12	0	0	0	0	0	2	16	13	0	0	0	0	2	8	19	2	1	1	2	4	8	3	4	3	3
		13	10	1008·2	–	46·0	2·0	8·9	84	8·0	1	2	3	12	13	1	0	0	0	0	0	10	17	3	1	0	0	1	11	17	1	1	1	1	4	8	4	3	3	3
		18	10	1007·9	–	43·7	1·2	8·7	90	7·7	1	6	1	5	18	0	0	1	0	0	1	7	14	7	1	0	0	0	8	22	1	1	1	1	4	10	7	3	2	3
Hampshire	Southampton	9	84	1007·6	–	44·2	1·5	8·7	88	7·2	4	2	6	4	15	0	2	0	0	5	9	4	11	0	0	0	0	0	4	23	2	2	0	1	4	11	3	2	3	1
		21	84	1007·0	–	44·1	1·2	8·9	91	6·6	8	3	0	2	18	0	2	0	5	6	5	7	6	0	0	0	0	0	1	22	6	2	0	0	2	5	8	5	2	1
		1	231	1007·6	–	40·8	0·8	8·2	93	7·9	3	2	2	7	17	0	0	1	1	3	8	11	4	3	0	0	0	0	15	14	2	1	3	0	2	1	7	7	6	3	2
	S. Farnborough H	7	231	1007·1	− 9·4	40·4	0·8	8·1	92	7·2	2	6	1	8	14	0	0	2	0	4	7	4	7	5	0	0	0	2	12	17	1	1	3	0	2	1	5	8	4	3
		13	231	1007·3	–	45·4	2·1	8·8	83	8·2	0	2	4	13	12	0	0	0	0	2	7	8	8	5	0	0	0	3	13	14	2	1	2	0	1	5	8	4	3	3
		18	231	1007·4	–	42·5	1·2	8·5	90	8·3	1	3	1	10	16	0	0	1	5	1	7	9	6	2	0	0	0	0	12	17	2	1	3	0	2	1	6	9	7	3	1
I. of Wight	Ventnor (Hosp.)	9	80	–	–	44·7	1·3	9·2	91	6·4	0	11	3	3	14	–	–	–	–	–	–	–	–	–	–	0	0	3	12	16	0	0	0	2	4	2	2	7	8	4	2
		15	80	–	–	46·3	1·7	9·3	87	8·4	1	2	2	10	16	–	–	–	–	–	–	–	–	–	–	0	0	3	10	18	0	0	0	2	2	2	8	8	5	3
		1	420	1007·4	–	40·6	0·5	8·4	95	7·8	2	4	2	7	16	0	1	0	1	2	1	21	5	9	0	0	0	0	5	14	11	1	0	0	2	3	4	9	4	3	3
Wiltshire	Amesbury H	7	420	1007·1	–	40·7	0·7	8·3	93	7·4	2	4	3	7	15	0	1	1	0	2	1	3	11	6	0	0	0	1	6	16	1	0	0	2	3	4	9	4	3	3
	(Boscombe Down)	13	420	1007·2	–	45·2	1·8	8·9	85	8·2	0	2	3	16	10	0	0	0	0	1	1	13	10	2	0	0	0	1	11	12	1	0	0	2	1	3	7	4	4	2
		18	420	1007·5	–	42·2	0·8	8·6	92	8·0	0	5	2	8	16	0	1	0	0	1	3	13	12	1	0	0	0	1	8	18	0	0	0	2	1	5	7	6	5	3
		9	444	1007·3	–			8·1	95	7·3	2	4	2	13	10	0	0	1	0	0	1	17	7	4	0	0	0	1	8	21	0	0	0	2	2	6	8	5	3	3
	Larkhill H	13	444	1007·0	–	44·9	2·2	8·5	83	8·1	0	5	0	15	11	0	0	1	0	0	1	16	4	8	0	0	0	1	10	16	1	1	0	0	2	5	4	8	6	3
		15	444	1006·8	–	43·9	1·7	8·5	86	8·1	0	4	2	12	13	0	0	0	0	0	1	2	14	6	8	8	0	2	9	19	1	1	0	1	6	7	7	5	3	3
7a ENGLAND, N.W.																																						
Lancashire	Hutton	9	86	1003·7	−10·1	40·2	0·9	7·8	91	7·9	0	4	3	15	9	–	–	–	–	–	–	–	–	–	–	0	4	2	25	0	1	2	5	11	4	6	1	1
	Manchester (Whitworth Pk.)	9	127	1003·9	−10·5	40·6	1·3	7·7	88	8·0	1	2	4	8	16	–	–	–	–	–	–	–	–	–	–	0	1	7	20	3	1	0	3	7	7	5	4	1
		21	127	1004·8	–	41·0	1·7	7·5	85	6·8	5	1	5	10	10	–	–	–	–	–	–	–	–	–	–	0	3	7	17	4	2	1	0	2	9	6	5	3	2
	Southport †H	9	37	1003·6	−10·7	40·2	0·9	7·9	91	9·1	0	1	1	13	16	0	1	2	5	2	7	10	6	1	0	0	0	1	13	17	0	2	1	0	4	9	6	5	3	2
	(Bedford Rd. Park)	15	37	1003·5	–	42·9	1·8	8·2	85	7·8	0	3	5	12	11	0	3	5	2	7	10	1	3	0	0	0	0	1	13	17	0	2	1	0	4	9	6	5	3	2
		21	37	1004·5	–	40·1	1·2	7·7	89	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0	0	1	10	21	0	1	1	0	3	11	7	3	1
	Stonyhurst	9	381	1004·2	−10·5	39·0	1·1	7·3	91	8·3	0	5	2	3	21	0	0	0	1	0	1	26	2	1	0	0	0	1	10	19	0	2	5	5	4	0	9	4	6	1
		21	381	1005·0	–	39·0	1·3	7·1	88	7·5	6	2	0	2	21	–	–	–	–	–	–	–	–	–	–	0	1	6	22	1	2	5	5	2	3	6	3	5	1
Cheshire	Bidston Obs'y.	9	202	1003·5	−10·6	41·0	1·1	7·9	90	8·7	0	1	1	14	15	0	0	0	4	1	8	6	6	2	0	0	0	2	15	12	0	2	5	3	9	5	1	4	2	1
		1	261	1005·8	–	39·2	1·2	7·5	89	7·5	4	2	4	4	17	0	1	0	3	6	4	13	2	2	0	0	0	1	16	14	2	0	5	3	2	5	7	1	2	2
	Manchester H	7	261	1004·4	–	39·1	1·0	7·5	90	8·1	2	2	2	8	17	0	0	0	1	4	6	5	13	2	1	0	0	0	1	16	14	0	1	0	2	4	10	7	1	3	1
	(Ringway)	13	261	1004·5	–	43·0	1·7	8·3	86	8·4	0	1	3	18	9	0	2	0	1	3	6	11	3	5	0	0	0	0	1	16	11	1	2	0	1	2	3	8	9	4	3	0
		18	261	1004·9	–	40·7	1·3	7·7	88	6·6	2	5	5	9	10	0	0	0	3	7	5	14	1	1	0	0	0	1	11	17	2	1	2	2	4	8	7	3	3	1
7b NORTH WALES																																						
		1	19	1005·1	–	40·6	1·7	7·4	83	7·3	4	3	1	8	15	1	1	1	1	5	3	8	8	3	0	0	0	0	7	19	5	1	0	1	4	11	4	3	2
Flint	Sealand H	7	19	1003·7	–	41·0	1·6	7·7	85	7·9	2	3	1	11	14	0	1	1	3	2	6	10	7	1	0	0	0	0	2	24	5	1	0	1	4	9	3	2	3	4
		13	19	1003·7	–	44·5	2·7	7·9	77	9·3	0	2	4	10	15	0	0	2	1	4	4	5	2	1	0	0	0	0	1	24	0	1	0	1	8	9	2	6	4	3
		18	19	1004·3	–	41·9	2·0	7·6	83	6·7	1	8	3	6	13	0	1	0	2	5	4	6	2	2	0	0	0	1	4	22	4	2	0	1	5	9	3	4	3	3

†Visibility at Hesketh Park (at 9h. and 15h.); wind at Marshside. * Mean of hourly readings.

TABLE IV (*continued*)—Summary of Observations at fixed hours JANUARY, 1943

District, County and Place			Hour of Observation	Height of Barometer above Mean Sea Level	Mean Pressure		Temperature and Humidity				Cloud Amount								Visibility										Wind, Number of Observations													
												No. of Observations							Number of Observations										Force (0-12)						Direction							
																			Fog				Mist	Poor Vis.	Mod. Vis.	Good Visibility																	
			G.M.T.	ft	mb	mb	°F	°F	mb	%		0	1 to 3	4 to 6	7 to 9	10	0	1	2	3	4	5	6	7	8	9	8 or more	6 to 7	4 to 5	1 to 3	Calm	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
7b NORTH WALES—*cont.*																																									
Anglesey	Holyhead ... (Valley)	H	1	34	1003·6	–	43·5	1·7	8·4	86	6·5	3	6	4	7	11	0	0	0	0	0	0	16	5	10	0	1	10	9	8	3	2	2	3	5	9	4	1	2
			7	34	1002·1	-11·2	43·9	1·5	8·6	88	7·3	0	7	4	7	13	0	0	0	0	0	0	10	10	11	0	4	6	11	9	1	1	1	4	5	11	4	2	2
			13	34	1002·9	–	46·0	2·4	8·7	81	7·2	0	7	3	12	9	0	0	0	0	0	3	3	7	18	0	0	9	12	9	1	0	2	0	4	9	7	5	3
			18	34	1003·2	–	44·0	1·7	8·5	86	7·4	0	4	5	10	12	0	0	0	0	2	1	5	8	15	0	2	7	10	10	2	1	2	0	4	11	6	2	3
Carnarvon	Llandudno ..		9	33	1002·4	–	44·1	2·1	8·1	82	7·9	1	2	4	17	7	0	0	0	0	1	2	3	12	12	1	0	1	8	22	0	2	0	4	2	8	12	3	0
8a SOUTH WALES.																																									
Cardigan	Aberporth		7	379	1003·6	–	43·2	1·3	8·7	89	6·9	0	8	2	10	11	0	0	0	0	1	2	6	13	9	0	0	4	15	10	2	2	0	0	1	14	7	2	3
			13	379	1004·4	–	45·1	2·0	8·7	84	8·1	0	1	6	13	11	0	1	0	1	0	1	1	11	12	4	1	5	16	9	0	2	0	1	4	8	7	4	5
			18	379	1004·2	–	43·4	1·5	8·5	87	8·2	0	2	6	9	14	0	0	0	0	0	2	6	10	10	3	0	5	17	8	1	2	0	0	4	10	7	4	3
Pembroke	St. Ann's Head ..		1	152	1004·0	–	46·3	1·1	9·8	92	7·7	0	4	5	8	14	0	0	0	0	0	0	0	18	13	0	0	15	10	6	0	3	2	3	4	7	6	3	3
			7	152	1003·3	-11·5	46·9	1·2	9·9	91	7·8	0	6	1	12	12	0	0	0	0	0	0	4	12	15	0	4	8	13	6	0	2	0	3	5	6	8	5	2
			13	152	1004·4	–	46·9	1·6	9·6	88	8·1	0	1	7	13	10	0	0	0	0	0	0	2	11	14	0	2	8	15	6	0	3	0	1	7	8	3	5	4
			18	152	1004·1	–	46·8	1·5	9·7	89	8·0	0	1	7	12	11	0	0	0	0	0	0	2	14	13	0	2	11	10	8	0	1	1	3	8	6	4	4	4
Radnor	Rhayader		9	—	–	–	40·6	0·8	8·0	93	8·1	0	3	6	4	18	0	0	2	0	1	1	8	12	7	0	1	0	0	30	0	2	0	0	6	0	11	5	7
Glamorgan	Cardiff		9	203	1006·4	-10·4	42·6	1·3	8·3	89	7·5	0	2	2	12	15	0	1	1	0	2	5	17	5	0	0	0	0	2	28	1	2	3	4	10	4	6	1	0
			1	147	1006·4	–	43·2	1·1	8·7	91	7·7	2	2	3	12	12	0	1	1	0	3	6	9	11	0	0	0	1	13	15	2	1	3	1	7	4	4	5	4
	St. Athan ..		7	147	1005·8	–	42·9	1·1	8·7	90	6·7	1	8	4	7	11	0	0	0	0	4	6	13	6	2	0	0	2	13	14	2	0	4	2	4	4	6	7	2
			13	147	1006·1	–	46·0	1·9	9·1	85	8·2	0	1	5	14	11	0	0	0	2	3	4	10	5	6	1	0	2	10	19	0	0	3	4	3	5	6	8	2
			18	147	1006·5	–	44·0	1·1	9·0	91	8·2	0	3	1	13	14	0	0	0	2	4	2	13	7	3	0	0	1	10	19	1	0	0	5	7	4	4	7	3
8b ENGLAND, S.W.																																									
Somerset	Bath		9	113	1006·5	-10·1	42·8	1·5	8·2	87	6·2	5	3	5	6	12	0	0	0	1	1	4	9	7	9	0	1	1	6	22	1	0	3	2	3	6	8	3	5
			1	236	1006·9	–	41·5	0·2	8·5	91	7·5	0	6	2	8	15	0	1	0	2	4	5	9	9	1	0	0	1	8	20	2	2	1	1	7	5	6	5	2
	Bristol		7	236	1006·5	–	42·6	1·2	8·2	90	6·8	2	7	1	11	0	0	0	1	1	6	3	12	8	0	0	0	1	10	19	1	2	2	0	7	7	6	5	1
	(Airport)	H	13	236	1009·8	–	46·2	2·1	9·1	84	8·1	0	3	3	15	10	0	0	0	1	1	1	10	10	8	0	0	1	12	17	0	1	0	0	6	11	5	7	1
			18	236	1003·5	–	43·1	1·2	8·7	90	8·0	0	5	2	10	14	0	0	0	2	3	2	13	10	1	0	0	1	8	20	2	1	0	1	6	6	6	7	2
Dorset	Holton Heath	H	9	58	1007·2	–	43·1	1·3	8·6	89	7·1	2	6	4	5	14	0	1	0	0	3	2	4	21	0	0	0	1	9	21	0	3	2	3	1	5	8	5	4
			15	58	1006·9	–	46·1	1·9	9·2	85	8·6	0	2	2	11	16	0	0	0	1	2	3	5	20	0	0	0	0	10	21	0	3	1	2	5	5	7	3	5
			1	37	1006·4	–	46·4	1·4	9·6	89	8·2	1	3	3	5	19	0	0	0	0	0	0	5	18	8	0	0	3	22	5	1	0	1	4	4	6	5	5	5
			7	37	1006·9	-9·2	46·5	1·4	9·1	85	8·1	1	2	2	10	16	0	0	0	0	0	0	1	21	9	0	0	4	20	7	0	0	3	2	3	10	5	5	3
	Portland Bill ..		13	37	1007·3	–	47·6	1·3	10·1	90	9·5	0	0	1	7	23	0	0	0	0	0	0	1	14	16	0	0	4	20	7	0	0	1	5	0	10	9	4	2
			18	37	1007·2	–	47·0	1·4	9·8	89	9·3	0	0	2	6	23	0	0	0	0	0	0	0	19	12	0	0	2	23	6	0	1	1	4	1	12	4	7	1
			1	305	1004·3	–	46·6	1·7	9·4	87	7·6	0	3	5	14	9	0	0	0	1	0	0	4	14	12	0	0	4	18	9	0	2	1	2	3	7	7	5	4
			7	305	1004·0	–	46·3	1·4	9·5	89	7·3	0	6	6	8	11	0	0	0	0	0	0	2	17	12	0	0	6	14	11	0	4	2	2	6	6	7	2
Devon	Hartland Pt. ..		13	305	1004·7	–	47·4	2·0	9·5	85	8·0	0	0	7	19	5	0	0	0	0	0	1	2	11	17	0	0	3	13	15	0	1	1	2	4	4	8	4	7
			18	305	1004·3	–	46·5	1·6	9·5	88	8·6	0	1	2	19	9	0	0	0	0	0	0	6	12	13	0	0	3	14	14	0	3	2	4	7	3	4	5	3
			1	27	1006·3	–	46·3	0·8	10·2	91	7·8	1	3	4	9	14	0	0	0	0	1	3	15	10	2	0	1	7	12	9	2	1	3	1	3	8	8	3	2
	Plymouth	H	7	27	1006·3	-10·3	46·4	0·7	10·3	94	7·7	1	5	0	9	16	0	0	0	0	0	2	22	5	2	0	0	2	2	13	14	0	2	0	3	4	4	10	4	4
	(Mount Batten) ..		13	27	1006·7	–	48·5	1·2	10·7	91	9·0	0	1	2	14	14	0	0	0	0	0	0	11	15	5	0	0	6	11	14	0	1	0	4	2	5	5	6	6
			18	27	1006·2	–	47·1	0·9	10·4	93	7·8	0	3	6	9	13	0	0	0	0	0	7	17	6	1	0	1	5	10	13	2	0	0	4	6	6	4	5	4
			1	240	1005·6	–	48·0	1·3	10·4	91	7·5	0	2	8	11	10	0	0	0	0	0	0	0	13	18	0	1	15	12	2	1	3	0	2	2	5	8	5	5
			7	240	1005·2	–	47·9	1·1	10·5	92	7·3	0	2	10	7	12	0	0	0	0	0	0	7	10	14	0	3	7	16	5	0	1	0	2	4	3	8	7	6
Cornwall	The Lizard ..		13	240	1006·1	–	49·7	1·7	10·7	88	8·8	0	0	6	9	16	0	0	0	0	0	1	4	9	17	0	0	10	17	4	0	1	0	2	2	6	7	6	7
			18	240	1005·1	–	48·2	1·4	9·9	86	8·6	0	0	5	12	14	0	0	0	0	0	0	3	14	14	0	2	10	13	5	1	1	0	2	4	5	6	6	6
	Newquay ..		9	185	1004·6	-12·0	47·0	1·7	9·6	89	8·0	0	4	4	5	18	0	0	0	0	0	1	9	8	9	4	1	5	7	18	0	5	1	4	3	5	5	6	2
NORTHERN IRELAND																																									
Antrim	Aldergrove	H	1	271	1001·6	–	41·3	1·2	8·1	90	7·0	1	5	5	6	14	0	0	0	1	2	2	10	8	8	0	0	0	10	16	5	0	0	2	6	12	3	2	1
			7	271	1000·1	–	40·5	1·1	7·8	90	7·5	0	6	4	4	17	0	0	0	0	1	3	7	16	5	0	0	1	6	20	4	0	0	3	6	11	5	1	1
			13	271	1000·7	–	43·4	1·9	8·2	85	7·7	0	4	5	11	11	0	0	0	1	1	3	3	11	7	5	0	0	0	11	20	0	0	1	2	3	11	8	5	1
			18	271	1001·1	–	41·4	1·5	7·9	87	7·3	0	5	8	3	15	0	0	0	0	2	1	7	8	12	1	0	1	10	17	3	1	1	1	6	12	3	4	0
Armagh	Armagh ..	H	9	209	1000·6	-11·3	40·8	0·7	8·3	94	7·7	0	6	0	13	12	0	0	0	0	0	0	4	14	13	0	0	1	5	25	0	1	3	0	3	11	9	4	0
			21	209	1000·7	–	41·9	0·8	8·5	93	7·0	3	5	1	10	12	0	0	0	0	0	0	2	14	15	0	0	4	10	17	0	0	1	1	10	13	2	2	2
			1	199	1004·6	–	48·9	1·7	10·3	87	7·9	1	1	4	13	12	0	0	0	0	0	1	6	12	12	0	0	0	10	15	5	1	1	1	0	4	7	8	3	6
			7	199	1004·3	-11·9	48·6	1·5	10·5	93	7·1	0	4	9	6	12	0	0	0	0	0	4	7	6	14	0	0	2	3	20	6	0	2	0	1	3	8	6	5	6
Selly	St. Mary's..		13	199	1005·3	–	50·2	2·0	10·5	85	8·8	0	0	4	17	10	0	0	1	0	0	0	6	11	13	0	1	1	0	5	6	7	5	6							
			18	199	1004·0	–	48·6	1·5	10·4	93	8·9	0	2	1	14	14	0	0	0	0	0	1	8	10	12	0	2	5	18	7	0	1	1	2	3	8	7	2	7
			1	400	1021·9	–	53·5	2·5	11·7	83	4·9	3	10	6	9	3	0	0	0	0	0	0	0	0	1	9	21	0	3	14	14	0	1	3	2	1	0	2	17	5
			7	400	1021·4	–	52·6	2·2	11·6	84	5·9	2	9	3	14	3	0	0	0	0	0	0	1	2	10	18	0	4	14	10	3	0	3	2	0	0	1	16	6
GIBRALTAR		H	13	400	1021·5	–	58·6	4·7	12·1	73	6·4	0	8	3	18	2	0	0	0	0	0	0	1	1	12	17	0	4	15	12	0	0	4	4	0	0	3	19	1
			18	400	1021·3	–	55·7	3·6	11·8	77	5·4	0	10	8	11	2	0	0	0	0	0	0	0	0	2	11	18	0	2	17	12	0	0	2	5	1	0	4	18	1
			1	234	1017·3	–	52·5	4·3	9·7	71	3·9	3	14	7	5	2	0	0	0	0	0	0	0	0	4	27	0	0	3	7	18	3	0	1	2	3	1	7	10	4
			7	234	1017·4	–	52·8	4·6	9·5	70	5·3	0	10	8	13	0	0	0	0	0	0	0	0	0	3	18	10	0	3	5	20	3	1	2	1	3	1	3	10	7
MALTA		H	13	234	1017·0	–	57·6	6·6	9·9	61	5·6	0	10	6	15	0	0	0	0	0	0	0	0	0	1	17	13	0	4	7	20	0	2	4	2	2	3	2	9	7
			18	234	1017·7	–	54·0	4·8	9·9	69	3·6	2	18	3	6	2	0	0	0	0	0	0	1	0	27	3	0	2	6	20	3	1	2	1	1	3	6	8	6

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MONTHLY WEATHER REPORT OF THE METEOROLOGICAL OFFICE

SUMMARY OF OBSERVATIONS COMPILED FROM RETURNS OF OFFICIAL STATIONS AND VOLUNTEER OBSERVERS

PUBLISHED BY HIS MAJESTY'S STATIONERY OFFICE. To be purchased directly from H.M. STATIONERY OFFICE at the following addresses: York House, Kingsway, London W.C.2; 120 George Street, Edinburgh 2; 39–41 King Street, Manchester 2; 1 St. Andrew's Crescent, Cardiff; 80 Chichester Street, Belfast; or through any bookseller.

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FEBRUARY, 1943.—Mild, with prevailing south-westerly to westerly winds.

The weather of the month was very mild generally; it was sunny except in the north and extreme west of Scotland and excessively wet in Sutherland and the western Highlands but dry on the whole over England and eastern Scotland.

During the opening days a deep depression moved east-north-east from a position southward of Iceland and filled up; showery weather, with bright periods, prevailed over the British Isles. On the 1st, rainfall was heavy in some places and the showers were accompanied locally by thunder, while winds were mainly strong, with local gales. Thunder was also reported in southern England on the 2nd. On the 4th an anticyclone off our south-west coasts and a wedge extending northwards, moved east, while a depression off south Greenland and an associated trough moved east-north-east; rain occurred in Ireland and west and north Scotland but there were considerable sunny periods. Thereafter a secondary depression developed off north-west Ireland and moved quickly north-east across Scotland to southern Scandinavia; general rain and local gales occurred on the 5th and widespread gales and showers on the 6th. A small anticyclone west of Ireland moving south-east was associated with a fair day in most areas on the 7th. On the 8th and 9th a deep depression south of Iceland and an associated trough extending southward moved east; heavy rain fell on the 8th, and mainly showery weather was experienced on the 9th, while gales were reported at exposed stations on both days. On the 10th a small depression west of Scotland and a trough over Ireland moved east causing rain generally.

Subsequently an anticyclone was established off our south-west coasts and deep depressions moved eastward across Iceland. Rain, heavy locally at times, and frequent gales occurred in the north and west but, apart from temporary breaks, mainly fair weather prevailed elsewhere. A deep depression situated north of the Faeroes early on the 15th moved quickly eastward and was associated with widespread gales and wintry showers but also long, bright periods. Thereafter the intense anticyclone south-west of the British Isles moved slowly eastward and a spell of mainly fair weather ensued, though slight rain occurred locally, and deep depressions approaching Iceland from the south-west caused local gales in the extreme north of Scotland. On the 23rd and 24th troughs of low pressure associated with a deep depression north of Iceland moved east over the British Isles causing rain in the west and north, and on the 25th a depression south of Iceland and an associated trough moved quickly east over the British Isles giving showers or slight rain. Subsequently the anticyclone off our south-west coasts dominated conditions over the British Isles and maintained mainly fair weather over practically the whole of the country for the remainder of the month.

Pressure and Wind.—Mean pressure exceeded the average except in the Shetlands, the excess being greatest in the south-west. The deviation at 7h. ranged from −2·7 mb. at Sumburgh to +11·0 mb. at Scilly. The gradient for westerly winds was thus greatly increased and winds from south-west and west predominated. Gales occurred frequently at exposed stations during the first sixteen days and in the extreme north of Scotland on numerous occasions also during the remainder of the month, and some were severe. A mean hourly velocity of 62 m.p.h. was registered at Bell Rock Lighthouse on the 6th and one of 60 m.p.h. at Lerwick on the 19th. Among the highest speeds registered in gusts were 83 m.p.h. at Bell Rock Lighthouse on the 6th, 86 m.p.h. at Bidston and 83 m.p.h. at Aberdeen (a record gust there) on the 15th, 95 m.p.h. at Lerwick on the 19th and 82 m.p.h. at Stornoway on the 25th.

Temperature.—In strong contrast to February 1942, mean temperature was notably high in 1943. The deviation from the average was +3·1°F. in England and Wales, +3·5°F. in Scotland and +3·6°F. in Northern Ireland. In Scotland, February 1943 ranks with those of 1934, 1918 and 1903 as the mildest Februaries since before 1901. In England and Wales, February 1943 was as mild as February 1928 but a good deal less mild than February 1926. Day temperatures of 55°F. or above were registered on most days from the 11th–28th. Moderately low minimum temperatures were registered on the 4th, 7th, 8th and at times in England and Wales during the last 10 days.

The extremes for the month were:—(England and Wales) 60°F. at Hawarden Bridge and Sealand on the 14th, 20°F. at Horsham on the 8th; (Scotland) 63°F. at Stonehaven on the 27th, 23°F. at Tarland on the 4th; (Northern Ireland) 56°F. at Castlerock on the 23rd, 30°F. at Aldergrove on the 7th.

Precipitation.—The general precipitation expressed as a percentage of the average for the period 1881–1915 was 70 over England and Wales, 119 over Scotland and 88 over Northern Ireland. In England and Wales the deficiency was greatest in the north-east; in an area covering the Humber and part of Lincolnshire the percentage of the average was 25 or less. More than the average occurred over much of central and north Wales and locally in the north-west and the western Midlands. In Scotland, the excess was greatest in Sutherland and the Western Highlands; locally in these regions rather more than twice the average was received. A considerable deficiency occurred in a coastal strip in the east; at some places in Fife less than half the average was registered. In Northern Ireland percentages ranged from 52 at Seaforde, County Down to 129 at Londonderry. In west and north Scotland the month was persistently wet: measurable rain fell on every day at Achnashellach, Fort William, Onich and Colonsay. In contrast there were only 6 "rain-days" at St. Andrews, 8 at Dunbar and 7 or 8 at numerous stations in England.

Among the heaviest falls in 24 hours were:—

5th 3·63 in. near Blaenau Festiniog (Merioneth), and 2·76 in. at Borrowdale.
8th 2·50 in. at Ffwdgrech (Brecon).
11th 3·55 in. at Benmore (Loch Eck) and 3·25 in. at Glenquoich (Inverness-shire).
13th 3·45 in. at Glenquoich.

There was less snow than is usual in February. In Scotland snow showers were reported at Achnashellach on 11 days and at Inverness and Strath Dearn on 10 days but at no time was undrifted snow more than two inches deep.

Thunderstorms were reported locally at times, chiefly on the 1st, 2nd and 12th.

Sunshine.—Excessive sunshine was, on the whole, a notable feature of the weather of the month; at some stations in the north and north-west of Scotland, however, there was a marked deficiency. There was a strong contrast between the duration of sunshine in north-west and east Scotland: at Stornoway the total, 21 hours, was the lowest for February in a record back to 1881, while the totals at Arbroath (124 hours), Leuchars (119), Montrose (118) and St. Andrews (112) are the highest since records began. At Durham it was the sunniest February since 1907 and at Cranwell and Ilkley since records were first taken in 1921 and 1923 respectively.

Fog.—Fog was infrequent for the time of year, notably so in Scotland. The chief periods of fog (mostly in England) were the 19th–23rd and 25th.

Miscellaneous Phenomena.—The aurora was observed in northern stations in Scotland on 12 nights; a display on the evening of the 25th was seen at Stonehouse, Glos. as well as at widely separated stations in Scotland. Solar halos were noted at Oxford on seven days.

Meteorological Office, Air Ministry: N. K. Johnson, D.Sc., A.R.C.S., Director.

31 *March*, 1943

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TABLE I—DISTRICT VALUES— FEBRUARY, 1943 [1908, revised 1928 and 1941]

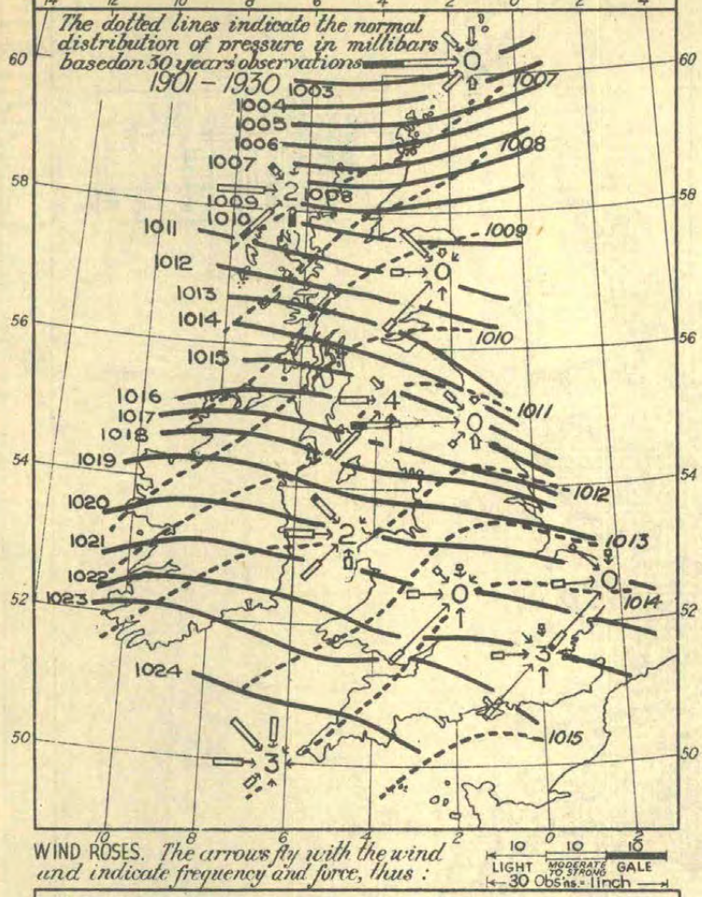
DISTRICTS	AIR TEMPERATURE			EARTH TEMPERATURE		RAINFALL		SUNSHINE	
	Highest	Lowest	Daily Mean Difference from Average	At 1 ft Difference from Average	At 4 ft Difference from Average	Percentage of Average	No. of Days Difference from Average	Percentage of Average	Percentage of Possible Duration
	°F	°F	°F	°F	°F	%		%	%
0 SCOTLAND, N.	56	24	+2·8	—	—	136	+3	74	15
Eastern									
1 SCOTLAND, E.	63	23	+3·9	—	—	75	−3	129	34
2 ENGLAND, N.E.	59	25	+3·4	+2·0	+1·1	37	−6	166	39
3 ENGLAND, E.	57	22	+2·4	+1·4	+1·5	60	−5	123	30
4 MIDLAND COUNTIES ..	58	23	+3·7	+2·3	+1·1	71	−6	146	33
5 ENGLAND, S.E.	58	20	+2·1	+1·5		74	−4	119	32
Western									
6 SCOTLAND, W.	58	24	+3·8	+3·0	+1·7	126	+2	101	21
7 ENGLAND, N.W. *(and N. Wales)*	60	26	+3·6	+2·7	+1·3	96	−1	114	27
8 ENGLAND, S.W. *(and S. Wales)*	59	26	+3·1	+2·1	+2·2	74	−3	110	31
NORTHERN IRELAND	56	30	+3·6	—	—	82	0	112	27
MEAN 0, 1, 6 ..	—	—	+3·5	—	—	—	—	101	23
MEAN 2, 3, 4, 5, 7, 8	—	—	+3·1	—	—	—	—	129	32

TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— FEBRUARY, 1943 [1914]

DISTRICT AND STATION	Height of Vane			Distribution of Wind ‡‡								Extreme Velocities								
	Above Mean Sea Level	Above Ground	Effective Height	More than 38 mi/hr		25 to 38 mi/hr		13 to 24 mi/hr	4 to 12 mi/hr	Less than 4 mi/hr	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		Time		
	ft	ft	ft		hr		hr	hr	hr	hr	hr	°	mi/hr	m/s	day hr	mi/hr	m/s	d	h	m
0 SCOTLAND, N.				11–15;17–21; 24–25;28																
Shetland Lerwick	310	53	39	23;25–28	146	24	259	196	63	8	0	280	60	27	19 19	95	42	19	15	40
Orkney Kirkwall	170	40	35	12–13;15;19;25	16	19	193	310	129	24	0	280	45	20	19 15	80	36	19	14	30
Hebrides Stornoway	120	40	36	1;4;8;11–15;19; 24–25;28	87	24	247	184	118	36	0	300	56	25	15 12	82	37	25	02	40
1 SCOTLAND, E.																				
Aberdeen Aberdeen	120	41	32	15	3	7	21	189	376	83	0	320	40	18	15 18	83	37	15	17	15
Angus Bell Rock Lighthouse	130	—	126	5–6;8;11–16;	52	25	291	281	38	10	0	230	62	28	6 03	83	37	6	03	20
Edinburgh Edinburgh	485	39	23	19	0	18	133	389	145	5	0	(230	38	17	6 01)	74	33	12	10	25
6a SCOTLAND, W.												(260			14 01)					
Argyll Tiree	75	50	42	5–6;8;12–13; 15–16	44	23	198	305	120	5	0	310	48	21	15 13	75	33	12	10	15
Renfrew Paisley	188	81	31	—	0	7	32	247	376	17	0	310	35	16	15 14	73	33	12	14	50
Renfrew (Abbotsinch)	65	46	34	6;15	2	11	38	266	305	61	0	240	42	19	6 01	73	33	15	14	50
Dumfries Eskdalemuir ..	825	50	35	5;6;14;15	7	12	110	248	254	53	0	290	42	19	15 16	72	32	12	9	40
6b ISLE OF MAN																				
Isle of Man Point of Ayre ..	70	40	35	5;8;13;15–16	25	15	156	303	180	8	0	340	44	20	15 15	74	33	15	15	55
2 ENGLAND, N.E.																				
Durham South Shields ..	73	57	44	—	0	9	46	224	304	98	0	280	34	15	12 13	57	25	15	01	10
Durham	389	53	33	—	0	9	68	295	258	51	0	280	38	17	12 14	70	31	12	13	05
Yorks.,N.R. Catterick	220	45	33	—	0	4	14	146	341	171	0	200	32	14	6 01	69	31	6	00	20
Yorks.,E.R. Spurn Head ..	64	42	34	6;8–9;12; 14–15	28	11	117	335	189	3	0	170	45	20	9 01	65	29	12	13	10
Lincoln Cranwell	284	43	33	—	0	11	112	328	220	12	0	(300)	36	16	15 14	59	26	6	02	40
3 ENGLAND, E.																				
Norfolk Gorleston	52	42	34	9	6	6	22	179	384	68	13	200	43	19	9 08	61	27	9	07	05
Suffolk Mildenhall ..	98	83	58	—	0	10	67	238	252	15	0	290	36	16	13 12	59	26	15	12	20
Bedford Cardington ..	285	150	135								Defective									
Dunstable	567	55	33	—	0	9	56	257	336	23	0	280	33	15	15 11	60	27	9	02	05
Essex Shoeburyness ..	115	104	89	1;9	10	10	68	246	305	43	0	210	48	21	1 03	72	32	1	05	15
4 MIDLAND COUNTIES																				
Leicester Leicester	385	60	33								Defective									
Warwick Birmingham ..	643	118	73	—	0	7	34	340	375	23	0	170	31	14	9 02	62	28	15	14	55
5 ENGLAND, S.E.																				
London Southgate	222	30	—	—	0	0	0	36	228	408	0	—	20	9	1 05	49	22	1	04	45
Surrey Kew Observatory ..	92	75	50	—	0	4	11	177	299	185	0	230	30	13	1 04	60	27	1	04	00
Kent Lympne	418	76	48	1	5	7	42	179	293	153	0	230	45	20	1 04	73	33	1	03	15
Manston	199	46	40	1	2	4	24	162	309	175	0	220	43	19	1 05	70	31	1	04	45
Hants Thorney Island ..	75	65	45	—	0	7	34	183	176	279	0	250	38	17	1 04	70	31	1	02	50
Wiltshire Boscombe Down ..	462	45	33	1	1	8	38	210	184	233	6	250	43	19	1 04	64	29	1	03	30
Larkhill	491	51	36	1	1	7	33	226	198	200	14	250	40	18	1 04	68	30	1	00	10
7a ENGLAND, N.W.																				
Lancashire Fleetwood	112	50	31	12–16	36	14	126	393	117	0	0	320	48	21	13 01	72	32	15	19	20
Southport	60	42	33	12;15	6	12	113	302	230	17	4	310	42	19	15 22	67	30	16	11	05
Cheshire Bidston Obs'y. ..	262	64	39	12;15	6	12	106	296	200	64	0	290	40	18	15 10	86	38	15	14	15
Manchester (Ringway) ..	315	80	40	6	1	12	113	265	257	36	0	200	40	18	6 01	63	28	12	12	30
7b NORTH WALES																				
Anglesey Holyhead	68	43	35								Defective									
Flint Sealand	81	65	42								Defective									
8a SOUTH WALES				2;5–6;8;12																
Pembroke St. Ann's Head ..	212	70	—	15	26	15	185	176	217	68	0	200	50	22	8 22	76	34	8	21	50
8b ENGLAND, S.W.																				
Devon Plymouth	185	88	65	8;9	9	8	54	148	337	124	0	—	53	24	9 02	73	33	9	02	00
Cornwall The Lizard	315	75	60	Anemometer dismantled for repair.																
Pendennis Castle ..	256	65	42	1;5–6;8–9	24	12	108	207	182	151	0	Def.	59	26	9 01	75	33	9	00	55
NORTHERN IRELAND																				
Antrim Aldergrove	328	60	42	—	0	5	28	205	389	50	0	240	32	14	5 24	65	29	15	12	30
SCILLY ISLES																				
St. Mary's	230	65	57	1;8	9	15	212	164	203	84	0	280	45	20	1 22	68	30	8	23	15

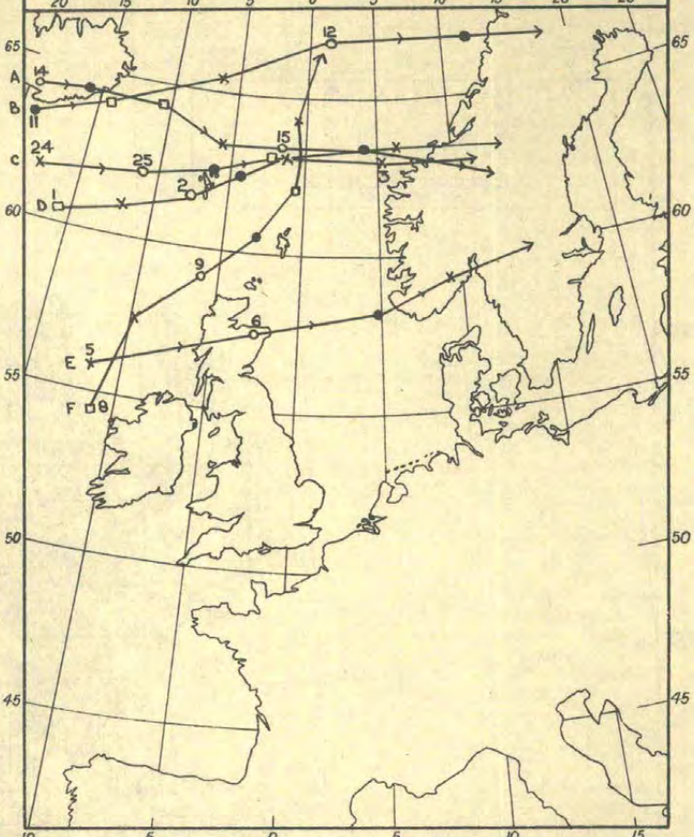
MONTHLY WEATHER CHARTS FEBRUARY 1943

1. WIND AND MEAN PRESSURE. 7 A.M.



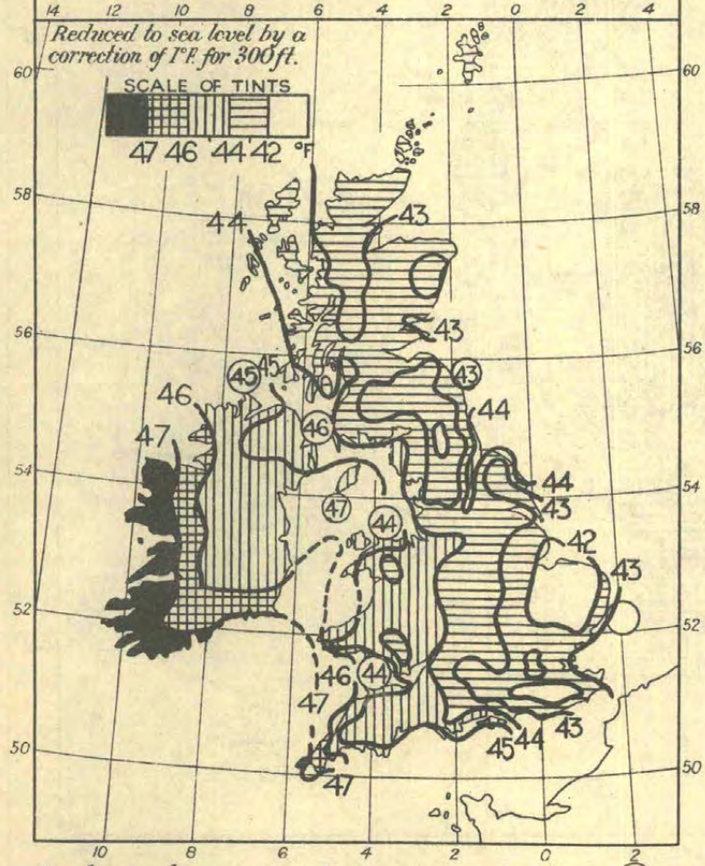
WIND ROSES. *The arrows fly with the wind and indicate frequency and force, thus :*

2. MOVEMENTS OF DEPRESSIONS.



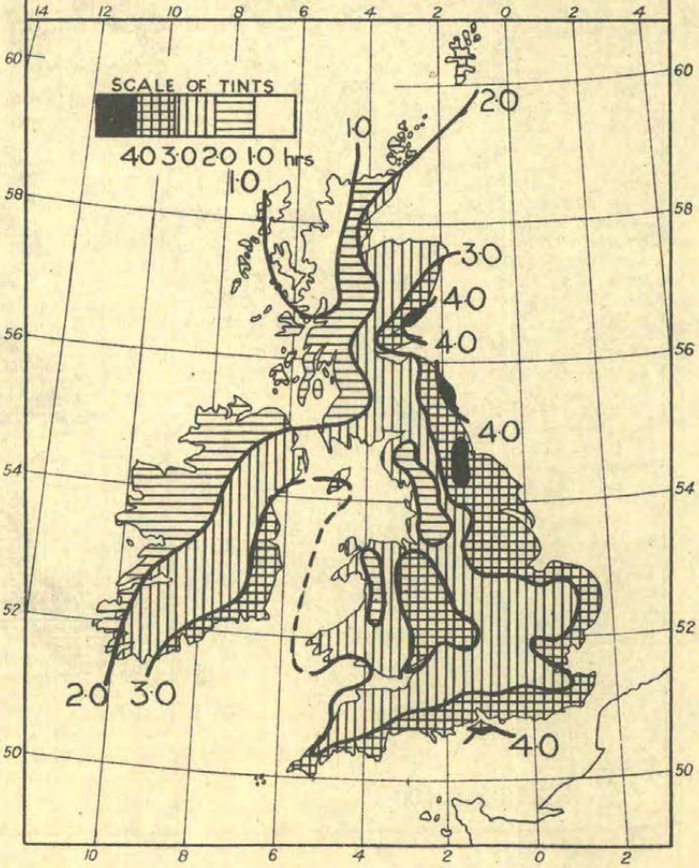
Positions of centres are shewn thus:- O at 1h; ● at 7h; □ at 13h; X at 18h.

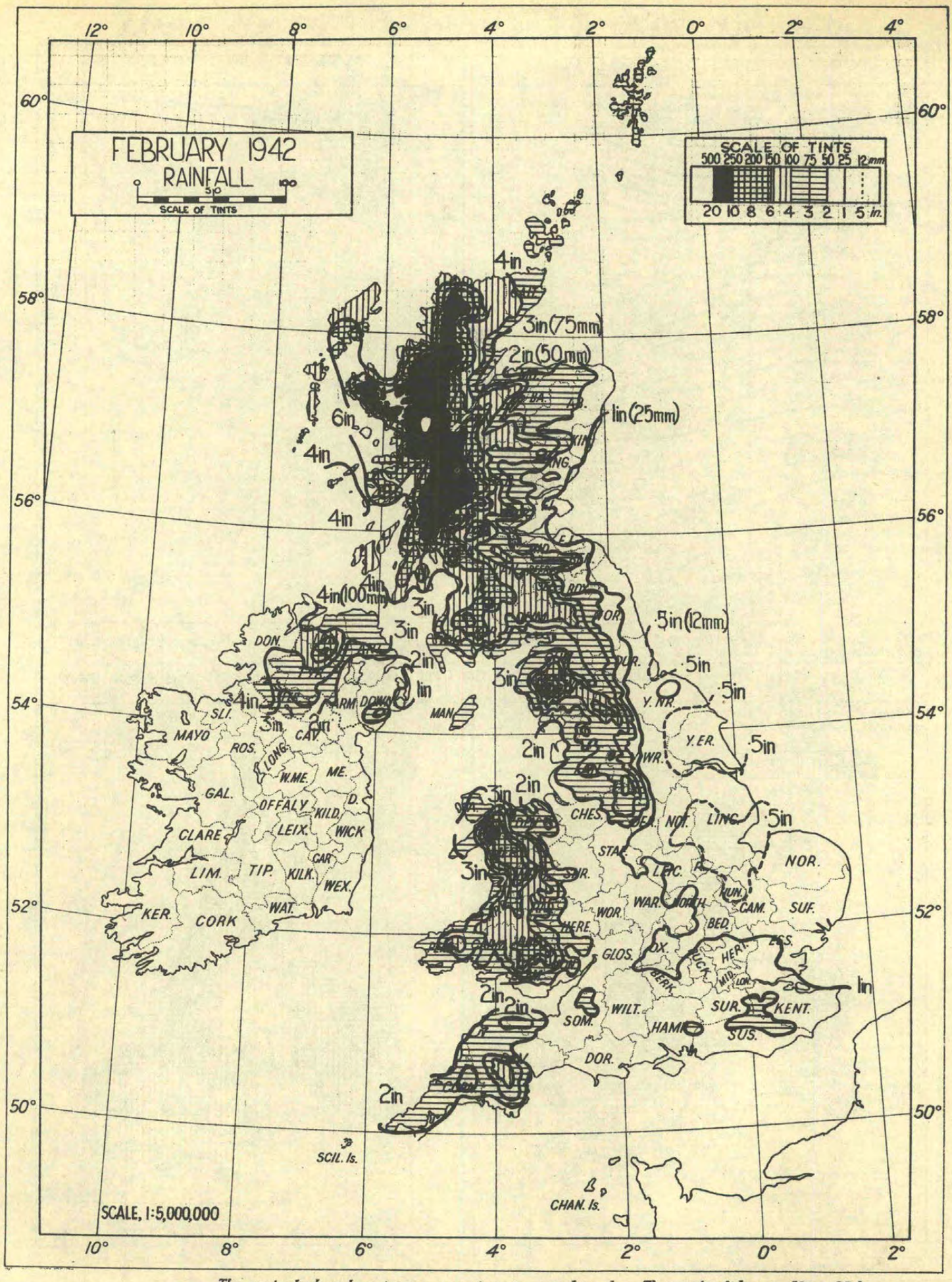
3. DISTRIBUTION OF MEAN TEMPERATURE



Sea temperatures are shewn by figures in circles, thus : (50)

4 BRIGHT SUNSHINE, HOURS PER DAY





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

TABLE III—Summary of Observations of Temperature, Rainfall, Sunshine and Weather—FEBRUARY, 1943

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation: Max. Min. Rain	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES FAHRENHEIT: Means of A Max.	B Min.	Mean of A and B	Difference from Average	Absolute Maximum and Minimum: Maximum	Date	Minimum	Date	Earth Temperature 1 ft	4 ft	RAINFALL: Total Fall mm	in	Percentage of Average	Most in a day: Amount	Date	WEATHER Number of days: Precip'n 0·01in (0·2 mm) or more	0·04in (1·0 mm) or more	Snow	Snow lying	Hail	Thunderstorm	Fog (Mors'g Obs.)	Ground Frost	Gale	BRIGHT SUNSHINE: Daily Mean	Percentage: of Average	of Possible
		G.M.T.	ft	°F	°F	°F	°F	°F		°F		°F	°F	mm	in	%	in											hr	%	%
0	SCOTLAND, N.																													
Shetland	Baltasound ..	9 9 9	31																											
	Lerwick Obsy. ¶§	9 9 9	269	45·3	35·9	40·6	+2·4	50	19	25	8	–	–	106	4·16	132	·43	4	26	24	7	1	8	–	–	7	15	1·65	110	18
	Sumburgh (Links)	18–7 7	19	45·3	39·2	42·3	–	50	27	28	7	–	–	103	4·06	–	·49	11	27	23	6	2	10	0	0	5	16	–	–	–
Orkney	Kirkwall .. ¶§	9 9 9	113	46·7	37·4	42·1	+2·9	51	11	30	7	41·1		109	4·31	137	·52	13	26	23	2	0	1	1	0	5	4	1·66	79	18
Hebrides	Benbecula ..	18–7 7	27	47·3	40·9	44·1	–	50	11,14,23	32	7	–	–	120	4·74	–	·84	5	25	22	4	0	8	0	0	0	7	–	–	–
	Castlebay ..	9 9 9	—																											
	Stornoway ¶§	18–7 7	12	47·4	39·3	43·3	+2·4	53	11	28	7	–	–	147	5·78	136	1·19	8	26	21	2	2	7	0	0	3	14	0·77	40	8
Skye	Duntuilm ..	9 9 9	294	46·3	39·1	42·7	–	50	11	33	7	–	–	148	5·83	–	1·05	8	27	25	2	0	8	0	0	3	7	0·84	–	9
Caithness	Wick	18–7 7	114	47·0	37·5	42·3	+2·7	55	11	30	7	–	–	83	3·27	144	·86	5	18	14	2	0	6	0	1	2	6	–	–	–
Sutherland	Cape Wrath ..	18–7 7	367	44·9	37·6	41·3	–	49	11,24	29	7	–	–	127	5·02	–	·72	11	26	24	4	4	12	0	3	2	7	–	–	–
Ross & Cromarty	Achnashellach ..	9 9 9	225	46·8	37·0	41·9	+2·8	51	10,24	28	8	–	–	328	12·91	188	1·98	13	28	28	11	0	0	1	0	–	0			
	Fortrose ..	9 9 9	69	48·1	37·8	42·9	+3·2	56	19	30	7	–	–	69	2·70	–	·50	5	16	12	6	1	3	0	0	–	1	2·10	86	23
	Invergordon ..	18–7 7	26	48·3	39·2	43·7	–	55	19	30	7	–	–	72	2·83	–	·79	5	16	13	5	0	2	0	0	5	1	–	–	–
Inverness	Dalwhinnie ..	18–7 7	1176	43·6	35·0	39·3	–	50	11,27	24	7	–	–	152	6·00	–	1·23	11	23	17	9	4	2	0	0	9	0	1·65	–	18S
	Ft. Augustus ¶§	9 9 9	68	47·6	37·0	42·3	+3·4	53	17,28	28	7	–	–	167	6·56	157	1·33	11	21	19	0	0	2	0	0	–	3	1·09	63	12S
	Ft. William ..	9 9 9	34	47·4	39·1	43·3	+3·8	51	11,24,28	31	7	41·9	43·4	285	11·22	150	1·73	11	28	27	0	0	2	0	0	1	2	0·81	47	9S
	Inverness ¶§	9 9 9	242	47·6	36·9	42·3	+2·9	55	19	29	7	–	–	68	2·69	120	·75	5	16	13	10	0	1	0	0	3	0	1·98	78	21
	Onich	9 9 9	48	47·6	38·2	42·9	–	52	11,28	28	7	–	–	289	11·37	178	2·33	11	28	28	0	0	4	1	0	4	0	1·03	53	11S
1	SCOTLAND, E.																													
Nairn	Nairn .. ¶§	9 9 9	20	48·5	38·3	43·4	+4·1	55	17,23	31	7	–	–	53	2·07	115	·62	5	14	11	9	0	1	0	0	8	2	2·34	95	25
Moray	Forres	9 9 9	155	49·3	37·0	43·1	–	58	23	29	4	–	–	47	1·86	–	·58	5	13	11	1	0	0	0	0	13	0	2·49	–	27
	Gordon Castle ..	2121 9	104	49·2	37·2	43·2	+3·9	55	11,23,27	31	7	–	–	59	2·34	122	·85	5	14	12	3	0	1	0	–	–	–	–	–	–
	Lossiemouth ..	18–7 7	21	47·7	37·8	42·7	–	55	23	31	15	–	–	49	1·94	–	·54	5	11	10	3	0	2	0	0	–	3	–	–	–
Banff	Banff	9 9 9	130	48·1	38·0	43·1	+4·0	55	11,27	32	7	–	–	51	1·99	120	·80	5	15	10	3	0	3	0	0	5	5	2·71	111	29S
Aberdeen	Aberdeen ¶§	242424	79	49·3	37·9	43·6	+4·3	59	27	31	7	38·4	40·0	26	1·03	50	·30	5	11	9	5	0	2	0	1	14	2	3·39	138	36
		18–7 –	—	49·0	37·9	43·5	+3·8																							
	Balmoral.. ..	9 9 9	927	46·2	33·9	40·1	+4·8	53	27	25	4		–	51	1·99	77	·52	5	15	11	4	6	0	0	–	17	1	–	–	–
	Braemar	2121 9	1111	44·8	34·1	39·5	+4·5	52	27	25	4	–	–	73	2·88	101	·60	5	18	12	8	6	0	1	0	13	–	2·46	–	26S
	Craibstone ..	9 9 9	300	48·2	35·8	42·0	+4·0	59	27	30	7,8	38·3	39·7	31	1·20	54	·40	5	11	9	6	4	1	0	–	22	–	3·56	130	38
	Dyce	18–7 7	241	47·7	35·9	41·8	–	61	17	29	2	–	–	35	1·38	–	·50	5	10	9	6	0	0	0	0	15	5	–	–	–
	Tarland	9 9 9	540	47·5	34·6	41·1	–	58	27	23	4	–	–	48	1·88	–	·81	5	13	10	5	0	0	0	–	–	2	–	–	–
Kincardine	Stonehaven ..	9 9 9	12	50·3	35·1	42·7	–	63	27	27	4	–	–	21	·81	–	·27	5	10	8	0	0	0	0	0	–	0	3·90	–	42
Angus	Arbroath.. ..	9 9 9	93	49·7	36·1	42·9	+3·6	58	18,27	30	1	–	–	19	·74	43	·40	5	9	4	0	0	0	0	0	16	3	4·42	152	47
	Buddon Ness ..	9 9 9	15	48·6	36·9	42·7	–	57	28	30	7	–	–	27	1·05	–	·40	5	12	9	0	0	1	0	0	–	3	–	–	–
	Dundee .. ¶§	9 9 9	147	49·0	34·9	41·9	+3·3	57	27	29	4,7	38·7	–	31	1·20	65	·46	5	10	9	1	0	1	0	–	15	1	3·82	146	41
	Kettins	9 9 9	218	47·9	35·3	41·6	+3·2	55	19,27,28	27	1	38·5	–	41	1·61	69	·42	5	11	8	2	2	0	0	0	14	6	–	–	–
	Montrose.. ..	9 9 9	16	49·5	36·7	43·1	+4·2	57	27	28	20	–	–	27	1·05	–	·40	5	12	8	1	0	1	1	0	–	5	4·20	163	45
	,, (Airfield)	18–7 7	22	48·8	38·3	43·5	–	56	27	31	4,7,20	–	–	18	·70	–	·19	5	9	8	1	0	1	0	0	14	0	–	–	–
Perth	Errol	18–7 7	31	48·7	37·2	42·9	–	57	28	29	7	–	–	29	1·13	–	·38	5	13	9	0	0	0	0	0	10	1	–	–	–
	Longforgan ..	9 9 9	166	48·5	35·9	42·2	–	58	28	29	7,8	–	–	41	1·60	–	·49	5	10	9	1	1	1	0	0	16	4	3·75	–	–
	Perth	9 9 9	76	49·5	37·3	43·4	+4·9	56	27,28	29	7	–	–	45	1·77	78	·50	11	14	9	0	0	0	0	–	–	9	3·66	160	39
Fife	Cupar	9 9 9	210	48·3	36·6	42·5	+3·8	57	28	28	7	–	–	28	1·10	–	·42	5	12	8	0	1	0	0	–	–	0	–	–	–
	Dunfermline ..	9 9 9	237	48·1	36·6	42·3	–	56	23	29	7	40·9	42·2	37	1·44	–	·46	11	14	8	3	0	1	0	2	16	4	2·55	–	27
	Kirkcaldy ..	9 9 9	137	48·5	35·6	42·1	+2·2	55	24	28	4,7	–	–	41	1·63	–	·56	5	14	9	0	0	0	0	–	–	0	3·03	–	32
	Leuchars ..	18–7 7	36	49·1	38·7	43·9	+4·7	57	28	31	7	–	–	19	·76	43	·36	5	10	4	1	0	0	0	0	10	4	4·27	158	45
	Lundin Links ..	9 9 9	40	49·8	36·3	43·1	–	57	28	29	7	–	–	24	·95	–	·39	5	10	6	0	0	0	0	0	–	2	3·40	–	36
	St. Andrews ..	9 9 9	13	49·3	36·4	42·9	+3·8	55	23	30	7	40·9	41·6	19	·76	41	·33	5	6	6	0	0	0	0	–	9	2	4·00	158	42
Mid Lothian	Balerno	9 9 9	750	45·0	35·8	40·4	–	51	23	28	7	–	–	67	2·63	–	·56	4	14	13	1	0	2	0	0	12	2	2·66	–	28
	Edinburgh—																													
	Blackford H. ¶§	2121 9	441	48·0	38·6	43·3	+4·2	54	23	30	7	–	–	33	1·31	79	·37	5	15	9	0	0	0	0	0	1	9	3·07	116	32
	Botanic Garden	9 9 9	74	49·4	37·0	43·2	–	56	23	31	5,7,10	–	–	37	1·46	–	·41	5	13	9	0	0	1	0	0	14	–	2·49	–	26
	Univ. King's B.	9 9 9	225	48·0	38·8	43·4	–	53	28	32	1,7,8	40·2	42·0	26	1·01	–	·31	5	14	9	–	–	–	–	–	–	–	–	–	–
	Boghall	9 9 9	639	46·2	36·9	41·5	+3·6	51	23,28	30	7,8	39·1	40·7	57	2·25	–	·46	5	15	13	5	0	1	0	0	6	–	2·56	98	27
	Liberton ..	9 9 9	190	48·5	38·4	43·5	–	55	23	31	7	–	–	31	1·23	–	·33	5	14	10	0	0	0	0	–	–	–	–	–	–
E. Lothian	Dunbar	9 9 9	75	49·0	35·3	42·1	–	54	11,23,28	30	8	–	–	22	·86	–	·37	5	8	6	0	0	0	0	0	9	0	3·56	–	38
	N. Berwick ..	9 9 9	118	48·3	37·2	42·7	+3·3	54	23,24,28	30	8	–	–	25	1·00	67	·41	5	12	5	2	0	0	0	0	10	2	2·52	106	27
Berwick	Marchmont ¶§	9 9 9	498	48·1	33·9	41·0	+3·5	53	17,24,27	27	7,8	–	–	34	1·33	64	·38	5	14	8	0	0	0	0	–	–	0	3·22	150	34S
	St. Abb's Head	18–7 7	280	47·0	39·1	43·1	–	55	17	30	1			23	·92	–	·30	5	12	7	0	0	1	0	0	–	3	–	–	–
Peebles	Peebles	9 9 9	—	47·1	35·5	41·3	–	52	11,23	28	7,8	–	–	78	3·07	–	·53	11	15	12	2	0	0	0	0	2	1	2·46	–	26
	West Linton ..	9 9 9	820	45·1	34·8	39·9	+3·6	50	23,24,28	27	8	38·5	40·7	79	3·13	–	·69	5	15	14	3	1	0	0	1	16	0	–	–	–
Roxburgh	Kelso (Br'ml'ds)	9 9 9	193	50·0	35·7	42·9	+4·6	55	14	29	7	–	–	29	1·13	66	·28	5	13	6	0	0	0	0	0	–	–	–	–	–
	Wolfelee	9 9 9	537	46·8	34·9	40·9	+4·0	57	18	28	7,8	–	–	52	2·04	63	·53	8	16	9	2	0	2	0	0	–	1	–	–	–

¶§. 8 *See* Notes on Tables in Annual Summary.

TABLE III (*continued*)—Summary of Observations of Temperature, Rainfall, Sunshine and Weather FEBRUARY, 1943

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation Max. Min. Rain	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES FAHRENHEIT: Means of A Max.	B Min.	Mean of A and B	Difference from Average	Absolute Maximum and Minimum: Maximum	Date	Minimum	Date	Earth Temperature 1 ft	4 ft	RAINFALL: Total Fall mm	in	Percentage of Average	Most in a day: Amount	Date	WEATHER Number of days: Precip'n .01in (0·2 mm) or more	.04in (1·0 mm) or more	Snow	Snow lying	Hail	Thunderstorm	Fog (Morn'g Obs.)	Ground Frost	Gale	BRIGHT SUNSHINE: Daily Mean	Percentage of Average	Percentage of Possible
		G.M.T.	ft	°F	°F	°F	°F	°F		°F		°F	°F	mm	in	%	in											hr	%	%
6a SCOTLAND, W.																														
Argyll	Ardtornish ..	2121 9	48	48·1	37·9	43·0	+2·9	52	23	30	7	–	–	233	9·18	–	1·01	11	27	24	0	0	0	0	–	4	0	–	–	–
	Colonsay ..	9 9 9	87	48·1	39·0	43·5	–	52	5	32	7	–	–	125	4·94	–	·91	5	28	20	0	0	3	0	–	–	2	–	–	–
	Dunoon (Benmore)	9 9 9	46	50·3	37·5	43·9	–	58	21	29	8	41·8	41·8	300	11·81	–	3·00	11	26	23	2	0	5	1	0	8	0	1·60	–	17S
	Dunoon	9 9 9	132	47·8	38·4	43·1	–	51	14,18,20	29	7	–	–	182	7·17	–	1·55	11	17	17	1	0	0	1	–	5	–	1·55	–	16
	Glenbranter ..	9 9 9	120	47·6	37·5	42·5	+3·7	54	23	26	7	–	–	313	12·32	–	2·00	11	27	25	2	0	0	0	0	5	–	–	–	–
	Oban	9 9 9	229	46·6	38·7	42·7	–	50	28	32	7,16	–	–	153	6·01	–	·83	5	27	25	0	0	4	0	0	1	0	1·45	66	15
	Tiree .. ¶§	18-7 7	44	48·0	41·0	44·5	+3·0	51	5,11,28	33	16	–	–	87	3·41	99	·69	5	27	20	4	0	8	0	0	1	5	1·67	68	18
Bute	Rothesay ¶§	2121 9	200	47·8	38·4	43·1	+3·0	52	23	31	7	41·5	42·8	157	6·17	154	1·00	5	24	20	3	0	1	2	0	3	4	1·50	81	16
Dumbarton	Cardross	9 9 9	130	47·4	36·9	42·1	+3·0	52	5	26	7	–	–	130	5·13	–	1·09	11	20	17	0	0	0	0	0	–	0	1·75	101	18S
	Helensburgh ..	9 9 9	293	47·5	38·0	42·7	+3·4	53	28	28	7	–	–	155	6·12	127	1·30	11	27	20	1	0	1	0	2	–	0	1·97	109	21
Stirling	Balfron	9 9 9	342	47·0	37·5	42·3	–	53	28	28	7	–	–	147	5·78	–	1·07	11	24	17	1	0	1	0	0	–	–	–	–	–
	Stirling	9 9 9	151	48·5	38·9	43·7	+4·0	55	23	32	7,8	40·0	41·3	91	3·59	–	·85	11	18	11	2	0	0	0	0	–	–	2·72	140	29S
Renfrew	Greenock ..	9 9 9	199	47·9	39·5	43·7	+4·2	53	5	32	7,8	–	–	179	7·05	133	1·39	11	24	20	2	0	1	2	1	1	1	1·72	–	18S
	Paisley	2121 9	106	48·6	39·9	44·3	+4·3	54	28	31	7	41·8	44·1	148	5·82	166	1·27	11	19	18	0	0	0	0	0	6	5	2·17	115	23
	Abbotsinch ¶§	18-7 7	19	48·1	39·9	44·0	+4·7	54	28	30	7	–	–	144	5·69	176	1·21	11	18	17	1	0	3	0	0	4	2	2·12	120	22
Lanark	Carluke ..	9 9 9	534	46·5	37·1	41·8	–	54	23	29	7	–	–	74	2·93	–	·67	11	17	11	3	0	3	1	0	6	1	2·18	–	23
	Dungavel ..	9 9 9	798	44·3	33·8	39·1	+2·4	51	23,24	24	7	–	–	145	5·69	–	1·31	11	20	17	7	1	1	1	0	12	0	–	–	–
	Glasgow, Spr.' Pk.	9 9 9	351	47·2	37·0	42·1	–	55	23	28	7	–	–	118	4·63	–	1·67	11	21	16	2	0	1	0	–	17	–	1·67	–	18
Ayr	Auchincruive ..	9 9 9	89	48·4	38·5	43·5	–	54	23	29	7	42·3	43·8	108	4·25	–	·76	11	21	15	0	0	3	1	0	8	0	1·89	–	20
	Ayr	9 9 9	43	48·1	39·4	43·7	–	55	23	30	7	–	–	99	3·89	–	·79	11	17	17	0	0	0	0	0	2	0	2·17	–	23
	Colmonell ..	9 9 9	170	47·8	38·4	43·1	+2·8	54	23	30	7,8	–	–	87	3·44	89	·79	8	19	14	1	0	3	0	0	4	5	–	–	–
	Kilmarnock ..	9 9 9	130	48·5	37·8	43·1	+3·3	54	23	29	7	43·1	44·6	128	5·05	–	1·37	11	20	16	2	0	2	0	0	9	3	1·95	102	20
	Prestwick ..	9 9 9	17	47·3	40·5	43·9	–	52	23	30	7	–	–	75	2·94	–	·53	11	17	13	0	0	3	1	1	1	2	1·85	–	19
	Troon	9 9 9	15	47·7	40·1	43·9	–	51	14	32	7	–	–	78	3·06	–	·60	11	17	13	1	0	2	0	0	2	1	1·93	–	20
	Turnberry ..	9 9 9	30	47·4	39·9	43·7	+2·6	54	23	32	7,16	–	–	63	2·46	95	·42	11	18	16	0	0	1	0	0	–	1	1·59	74	17
Dumfries	Dumfries.. ¶§	9 9 9	140	48·1	37·7	42·9	+3·8	53	28	30	20	41·9	43·3	73	2·88	88	·78	8	14	12	3	0	1	0	1	17	–	2·50	126	26
	Eskdalemuir ¶§	242424	794	45·7	35·4	40·5	+4·4	50	27	24	7	40·8	43·0	140	5·50	111	1·73	5	18	14	6	0	3	0	1	9	4	2·13	111	22
		18-7 –	—	45·0	35·8	40·4	+4·1																							
	Ruthwell.. ..	2121 9	67																											
Kirkcudbright	Glenlee	9 9 9	181	48·4	37·7	43·1	–	53	23	28	8,20	–	–	165	6·50	–	1·71	5	18	17	3	0	0	0	0	10	1	–	–	–
Wigtown	Newton Stewart	9 9 9	75	47·4	36·6	42·0	–	52	14	28	8	–	–	100	3·93	–	·67	5	17	16	0	0	5	1	1	–	0	–	–	–
6b ISLE OF MAN																														
ISLE OF MAN																														
Isle of Man	Douglas	9 9 9	284	48·5	40·2	44·3	+3·4	52	14,17	33	8	–	–	74	2·91	91	·56	8	18	12	1	0	1	0	3	1	0	3·34	139	35
	Point of Ayre ..	18-7 7	30	49·3	41·1	45·2	–	55	23	31	8	–	–	53	2·09	–	·56	8	14	11	0	0	1	0	0	–	6	2·88	–	30
2 ENGLAND, N.E.																														
ENGLAND AND WALES																														
Northum-berland	Berwick-on-T. ..	9 9 9	76	48·8	37·9	43·3	+4·0	54	14,28	32	8	–	–	20	·79	55	·20	5	10	5	2	0	2	0	0	11	1	4·17	162	44
	Bellingham ..	9 9 9	849	44·7	33·5	39·1	+2·9	50	14,18,23	25	8	–	–	45	·75	69	·53	5	13	11	4	0	0	0	1	–	–	–	–	–
	Cockle Park ¶§	2121 9	325	47·4	36·1	41·7	+3·6	53	14	28	8	39·5	41·0	22	·86	51	·22	8	12	7	0	0	1	0	0	16	1	3·97	161	42
	Ouston	18-7 7	426	47·0	37·0	42·0	–	52	1	28	8	–	–	28	1·11	–	·27	5	11	8	0	0	1	0	0	(10)	4	–	–	–
	Tynemouth ..	18-7 7	108	48·5	39·9	44·2	+3·7	54	14	32	8	–	–	15	·59	43	·17	10	8	6	1	0	0	0	0	1	6	3·84	–	40
Durham	Chopwellwood ..	9 9 9	446	48·2	36·1	42·1	+4·2	54	21,23	29	8	–	–	36	1·40	75	·44	8	10	9	0	0	0	1	0	15	–	3·62	155	38
	Durham .. ¶§	2121 9	336	49·5	33·7	41·6	+3·3	55	14,18,27	27	7,8	–	–	19	·75	56	·27	8	11	6	0	–	0	0	0	18	–	4·12	180	43
	Houghall.. ..	9 9 9	160	50·1	34·0	42·1	+3·8	57	14,27	25	22	–	–	20	·79	–	·36	8	7	4	1	0	0	0	1	20	0	3·76	177	39
	Ushaw College ..	9 9 9	594	48·4	35·0	41·7	+3·9	55	14,27	29	8	–	–	24	·94	59	·37	8	11	4	1	0	0	0	0	–	–	–	–	–
Yorks., N. Riding	Ampleforth ..	9 9 9	313	49·0	34·5	41·7	+3·4	57	20	28	8	–	–	16	·63	–	·31	8	8	4	0	0	0	0	3	21	–	3·64	–	38
	Castleton ..	9 9 9	450	48·3	33·8	41·1	–	55	27	25	8	39·4	–	28	1·10	–	·70	8	9	5	0	0	0	0	0	21	–	–	–	–
	Catterick.. ..	18-7 7	175	48·6	38·6	43·6	–	55	17,18,27	29	8,23	–	–	21	·83	–	·46	8	8	3	0	0	0	1	2	11	0	4·33	–	45
	Linton-on-Ouse ..	18-7 7	46	49·5	36·1	42·8	–	57	18,27,28	26	28	–	–	15	·60	–	·25	8	8	5	0	0	1	0	3	15	0	–	–	–
	Redcar	9 9 9	25	49·4	37·1	43·3	–	56	27	31	8	–	–	8	·31	–	·20	10	7	2	–	–	–	–	1	–	–	3·29	–	34
	Scarborough †¶§	9 9 9	118	50·6	38·2	44·4	+3·5	59	27,28	30	8	–	42·7	11	·45	27	·20	8	6	4	1	0	0	0	0	17	–	4·01	173	42
	Thornaby ..	18-7 7	60	49·3	38·3	43·8	–	56	14,27	30	8	–	–	11	·43	–	·19	10	5	2	1	0	1	0	1	15	0	–	–	–
	Whitby	9 9 9	148																											
	York .. ¶§	9 9 9	57	49·4	36·6	43·0	+3·2	56	18	29	8	41·0	43·2	10	·40	26	·13	3	8	4	0	0	0	0	–	–	3	3·09	167	32S
Yorks., E. Riding	Bridlington ..	2121 9	76	49·2	34·5	41·9	+2·8	58	27	26	22	–	–	8	·33	–	·11	6	9	5	0	0	1	0	3	–	–	3·71	162	38
	Driffield ..	18-7 7	65	48·6	35·0	41·8	–	56	27	25	22	–	–	6	·23	–	·08	5	4	3	2	0	1	0	3	13	0	–	–	–
	Hull	2121 9	8	49·6	37·0	43·3	+3·4	56	27,28	30	8	39·8	42·9	7	·26	16	·08	5	7	2	0	0	1	0	5	12	–	3·61	203	37
	Spurn Head ..	18-7 7	29	46·9	38·6	42·7	+2·8	53	24	31	8	–	–	6	·22	16	·07	3	6	3	0	0	0	0	1	–	4	3·87	157	40
Lincoln	Boston—																													
	(Freiston Road)	2121 9	16	48·5	36·2	42·3	–	55	12	28	8	–	–	11	·43	–	·10	5	7	5	0	0	0	0	4	19	–	–	–	–
	(North Sea Camp)	18-7 7.	10	47·8	35·6	41·7	–	55	14	28	8	–	–	13	·50	–	·12	5	10	6	0	0	0	0	4	–	–	3·23	–	33
	Cranwell .. ¶§	18-7 7	203	48·2	36·2	42·2	+3·4	54	12,24,27	27	8	40·3	41·8	9	·37	25	·11	5	8	5	1	0	0	0	2	8	0	3·66	148	37
	Cleethorpes ..	9 9 9	23	48·9	35·5	42·2	+2·4	55	24	28	8	–	–	12	·47	–	·17	8	7	4	0	0	0	0	1	–	–	3·93	175	40
	Skegness ..	9 9 9	15	47·9	35·1	41·5	+2·4	54	12,14,27	28	8	–	–	12	·46	30	·08	2,3,5	10	5	1	0	1	0	2	–	–	3·79	145	39

† At Scarborough the earth thermometer is at a depth of 3 ft.

¶§, S *See* Notes on Tables in Annual Summary.

TABLE III (*continued*)—Summary of Observations of Temperature, Rainfall, Sunshine and Weather FEBRUARY, 1943

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation: Max. Min. Rain	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES FAHRENHEIT: Means of A Max.	Means of B Min.	Mean of A and B	Difference from Average	Absolute Maximum and Minimum: Maximum	Date	Minimum	Date	Earth Temperature 1 ft	4 ft	RAINFALL: Total Fall mm	in	Percentage of Average	Most in a day: Amount	Date	WEATHER Number of days: Precip'n 0·1in (0·2 mm) or more	Precip'n 0·4in (1·0 mm) or more	Snow	Snow lying	Hail	Thunderstorm	Fog (Morn'g Obs.)	Ground Frost	Gale	BRIGHT SUNSHINE: Daily Mean	Percentage: of Average	of Possible
		G.M.T.	ft	°F	°F	°F	°F	°F		°F		°F	°F	mm	in	%	in											hr	%	%
3 ENGLAND, E.																														
Norfolk	Cromer	9 9 9	178	47·9	36·7	42·3	+2·5	56	12	29	9	–	–	17	·66	45	·14	3	15	7	0	0	1	0	2	8	2	3·54	131	36
	Hunstanton	9 9 9	100																											
	Norwich	9 9 9	110	47·9	34·9	41·4	+1·9	55	12;27	25	8	39·0	–	23	·91	–	·24	1	13	7	0	0	1	3	–	16	–	3·15	128	32
	Sprowston	9 9 9	93	47·3	35·4	41·3	+2·2	55	12	27	8	–	–	15	·60	–	·15	9	11	5	0	0	1	1	–	16	–	2·97	118	30S
	Terrington	9 9 9	13	48·6	34·9	41·7	–	54	12,18,27	27	8	–	–	13	·50	–	·12	10	7	7	1	0	1	1	3	16	–	3·34	–	34
	Yarmouth ¶§	18–7 7	5	47·9	38·0	42·9	+2·7	55	12,24,27	28	8	41·1	44·3	14	·55	37	·24	9	8	5	0	0	1	0	1	6	1	3·66	139	37
Suffolk	Bungay (Flix'n)	9 9 9	79	47·7	35·0	41·3	+2·3	55	12	26	8	–	–	14	·54	–	·17	9	7	7	0	0	1	1	3	13	–			
	Felixstowe Airfield	18–7 7	10	48·7	37·9	43·3	+3·6	56	14	29	8	–	–	14	·54	43	·12	1	9	6	0	0	1	0	3	7	2	3·57	123	37
	Ipswich, Belstead	9 9 9	125	48·0	35·7	41·9	–	55	12,14	27	8	41·0	42·9	18	·72	–	·19	5	10	6	1	0	0	0	3	14	0	3·03	–	31
	Lowestoft	9 9 9	82	48·3	35·5	41·9	+2·2	55	12,24,27	27	8	40·6	43·0	16	·62	44	·29	9	10	5	0	0	0	0	2	14	6	3·64	130	37
	Mildenhall	18–7 7	15	48·7	35·3	42·0	–	56	12,14	26	8	–	–	18	·70	–	·25	1	8	6	2	0	3	1	3	15	0	2·81	–	29
	Stradishall	18–7 7	382	47·0	35·7	41·3	–	55	14	22	8	–	–	23	·89	–	·20	10	8	6	0	0	1	0	5	11	0	–	–	
Cambridge	Cambridge Gdns ¶§	2121 9	41	48·8	33·9	41·3	+1·6	56	12,14	23	8	40·9	43·8	17	·66	52	·18	10	6	4	0	0	0	0	1	17	0	2·95	120	30
Bedford	Dunstable	18–7 7	516	46·4	35·8	41·1	–	55	14	25	8	40·7	43·9	29	1·13	–	·24	8	9	6	0	0	0	0	3	14	0	2·63	–	27
	Luton	9 9 9	381	47·5	35·0	41·3	+2·7	55	14	25	8	41·7	44·7	30	1·17	–	·31	8	7	6	–	–	–	–	1	14	–	2·59	114	26
	Woburn	9 9 9	291	47·6	35·8	41·7	+2·9	55	14	26	8	40·5	45·1	21	·84	57	·19	10	11	6	0	0	1	1	3	7	–	2·66	111	27
Hertford	Rothamsted ¶§	9 9 9	420	47·0	35·1	41·1	+2·5	55	14	25	8	40·0	–	27	1·07	57	·29	1	10	6	0	0	0	0	3	14	–	2·81	112	28
	St. Albans	9 9 9	272	48·1	34·3	41·2	+2·7	56	14	23	8	–	–	27	1·08	62	·30	1	9	6	–	–	0	0	2	15	–	–	–	–
Essex	Dovercourt	9 9 9	47	48·6	36·6	42·6	+2·7	56	14,15	28	8	–	–	14	·55	–	·18	1	7	4	0	–	0	0	3	15	–	3·54	–	36
	Earls Colne	9 9 9	160	48·3	35·1	41·7	+2·2	56	14	26	8	41·1	43·6	19	·74	–	·20	10	9	5	0	0	1	0	2	17	–	–	–	–
	Halstead	9 9 9	140	49·0	34·5	41·7	+2·1	56	14,19,24	24	8	–	–	20	·78	–	·21	1	9	5	0	0	0	0	5	–	–	–	–	–
	Maldon	9 9 9	14	49·1	34·9	42·0	–	56	14,19,24	25	8	–	–	22	·85	–	·23	1	9	7	0	–	0	0	3	–	–	3·30	–	33S
	Shoeburyness	18–7 7	11	48·8	37·6	43·2	+3·1	56	18	27	8	–	–	23	·89	72	·30	1	12	8	0	0	1	0	1	13	0	2·99	109	30
	Walton-on-Naze	9 9 9	35	48·8	37·8	43·3	+3·6	55	14,15	29	8	–	–	17	·65	–	·23	1	8	5	–	–	–	–	5	4	–	3·36	126	34
	Writtle	9 9 9	105	48·6	35·1	41·9	–	57	14	25	8	–	–	27	1·06	–	·41	1	9	6	0	0	0	0	–	13	–	–	–	–
4 MIDLAND COUNTIES																														
Yorks., W. Riding	Askham Bryan	9 9 9	90	48·9	34·2	41·5	–	55	18	27	8	–	–	10	·40	–	·18	3	7	4	1	0	0	0	3	20	–	2·23	–	23
	Bingley	9 9 9	610	46·5	36·8	41·7	–	52	24	28	8	–	–	70	2·75	–	·70	5	14	11	0	0	0	0	4	9	–	–	–	–
	Bradford	9 9 9	439	47·2	37·4	42·3	+3·8	52	24	28	8	40·1	41·8	35	1·39	56	·56	5	12	8	0	0	–	–	1	–	–	2·50	152	26
	Doncaster	9 9 9	25	49·8	33·5	41·7	–	56	12	23	22	–	–	20	·78	–	·28	6	8	7	1	0	0	1	6	20	–	3·06	–	–
	Finningley	18–7 7	39																											
	Harrogate ¶§	9 9 9	478	47·9	37·3	42·6	+4·7	54	18,24	28	8	40·4	41·6	32	1·28	59	·55	5	8	6	1	0	1	0	1	13	2	3·40	154	35
	Huddersfield	2121 9	325	48·0	37·4	42·7	+3·6	52	11,20,24	28	8	40·1	42·3	47	1·86	80	·60	5	13	7	1	0	1	–	9	8	–	1·97	126	20
	„ (Oakes)	9 9 9	761	45·9	36·1	41·0	+3·1	51	20,24	28	8	39·5	41·2	71	2·80	106	·90	5	14	10	4	0	4	1	2	9	5	–	–	–
	Ilkley	9 9 9	315	46·5	36·1	41·3	+3·2	51	5,28	26	8	–	–	64	2·53	–	·82	5	13	12	1	0	0	0	0	8	–	2·91	195	30
	Meltham	9 9 9	585																											
	Pontefract	9 9 9	255	47·9	36·8	42·3	+3·3	53	5,14,24	27	8	–	–	12	·48	32	·10	6,8	9	5	–	–	–	–	5	11	–	3·31	–	34
	Rotherham	7 7 7	284	48·6	35·7	42·1	–	54	14,24	28	8	39·7	–	22	·85	–	·22	8	12	5	0	0	1	1	3	14	–	3·46	–	36
	Sheffield	9 9 9	428	48·1	38·1	43·1	+3·4	54	24	29	8	39·8	41·9	41	1·61	68	·43	5	11	8	1	0	1	0	–	8	4	3·64	182	37
	Wakefield	9 9 9	124	49·9	36·7	43·3	+4·0	56	18,24	26	8	40·3	42·8	24	·94	49	·19	6,8	11	7	0	0	1	1	2	15	–	2·56	167	26S
Derby	Belper (School)	9 9 9	198	49·0	36·0	42·5	+3·8	55	12,24	25	8	–	–	21	·83	39	·12	5,10	12	10	0	–	0	0	–	–	–	–	–	–
	Buxton	9 9 9	1007	44·1	36·5	38·9	+3·4	49	12	23	8	–	40·8	96	3·80	101	·50	5	15	14	3	3	1	0	3	–	–	1·87	106	19S
Nottingham	Mansfield	9 9 9	357	48·2	35·9	42·1	+3·7	54	24	26	8	–	–	15	·60	31	·27	5	9	3	2	0	0	0	4	–	–	–	–	–
	Nottingham ¶§	9 9 9	192	48·9	36·5	42·7	+4·4	56	12,14	27	8	40·4	41·9	10	·41	27	·18	5	10	4	–	–	–	–	7	9	–	3·67	189	38
	Sutton Bonington	9 9 9	157	49·1	35·8	42·5	+3·6	56	12,14	26	8	40·9	–	18	·72	52	·28	5	9	6	0	0	0	0	–	12	–	2·95	147	30
Leicester	Leicester	9 9 9	325	48·6	35·9	42·3	–	55	12,14	26	8	41·3	42·9	19	·74	–	·21	5	5	5	0	0	1	0	2	4	4	2·53	–	26
Northampton	Oundle	9 9 9	147																											
	Peterborough	9 9 9	46	49·1	36·6	42·9	–	55	14,19	28	8,9	–	–	8	·30	–	·12	10	9	2	0	–	0	0	–	–	–	–	–	–
	Raunds	9 9 9	193	48·2	45·1	41·7	–	55	11	25	8	–	–	19	·75	–	·17	5	10	6	1	0	1	0	1	17	0	–	–	–
Warwick	Birmingham ¶§	18–7 7	535	47·0	28·7	42·9	+3·6	54	12	29	8	41·9	44·8	47	1·86	110	·43	8	12	9	2	0	1	0	1	5	0	2·78	137	28
	„ Sparkhill	7 7 7	425	48·9	36·2	42·5	+3·2	56	14	27	8	–	–	46	1·82	101	·38	8	10	9	3	1	1	0	3	13	–	–	–	–
	Coventry	9 9 9	241	48·5	35·7	42·1	–	55	14	24	8	41·3	44·6	28	1·11	63	·19	8	11	8	1	0	0	0	1	–	–	2·36	116	24S
	Honiley	18–7 7	427	47·6	37·2	42·4	–	55	14	27	8	–	–	38	1·51	–	·44	8	9	6	2	0	3	0	3	9	1	–	–	–
	Leamington Spa	9 9 9	163	48·6	36·4	42·5	+3·0	56	14	27	8	41·1	46·2	33	1·29	–	·28	1	9	7	0	–	0	0	1	14	–	3·00	144	31
	Rugby	2121 9	390	48·6	35·1	41·9	+3·2	55	12	28	8	–	–	26	1·02	60	·26	1	10	6	1	–	0	0	–	17	–	–	–	–
	Shipston on Stour	9 9 9	364	48·2	37·3	42·7	–	56	14	28	8	–	–	39	1·54	–	·61	8	9	7	2	1	1	1	1	–	–	3·45	–	35
	Stratford on Avon	9 9 9	153	49·5	35·9	42·7	–	58	14	26	8	–	–	31	1·24	–	·34	1	12	6	0	0	0	0	1	15	–	3·20	–	33
Oxford	Oxford ¶§	9 9 9	208	49·1	36·9	43·0	+2·9	56	14	28	8	40·9	43·8	24	·93	57	·34	8	10	6	0	0	0	0	4	10	0	2·83	112	29
	Upper Heyford	18–7 7	408	47·3	36·8	42·1	–	56	14	27	8	–	–	19	·74	–	·18	8	9	7	1	0	1	0	4	10	0	–	–	–
Stafford	Market Drayton	9 9 9	581	48·1	35·9	42·0	–	53	12,14,25	25	8	–	–	28	1·11	–	·17	10,15	11	9	1	0	1	0	2	10	–	3·11	–	32
	Mayfield	9 9 9	374	48·0	35·2	41·6	+3·7	54	24	23	8	–	–	35	1·38	61	·28	5	14	12	1	–	3	0	–	14	1	2·65	131	27S
	Oaken	8 8 8	409	48·3	35·9	42·1	–	55	12	28	8	41·5	–	29	1·13	–	·26	15	10	8	0	0	0	0	1	13	–	–	–	–
	Walsall	9 9 9	455	48·4	36·7	42·5	–	55	12,14	27	8	–	–	31	1·23	–	·25	8,15	13	9	1	0	2	0	9	9	2	–	–	–
Shropshire	Newport	9 9 9	211	48·6	33·2	40·9	–	53	12	25	8	–	–	25	1·00	64	·23	8	12	9	2	0	3	0	1	15	–	3·14	–	32
	Oswestry	9 9 9	570	48·7	37·2	42·9	–	54	11,14	28	8	–	–	45	1·79	–	·48	8	15	11	0	0	0	0	0	9	0	3·77	–	–
	Shrewsbury	9 9 9	184	50·0	37·5	43·7	+3·7	55	12	27	8	42·6	44·9	24	·96	–	·21	8	12	9	1	0	1	0	2	10	3	3·16	–	32
	Tern Hill	18–7 7	270	49·3	37·9	43·6	–	55	12	27	8	–	–	24	·93	–	·19	15	11	9	0	0	3	0	2	8	0	–	–	–

¶§. S *See* Notes on Tables in Annual Summary.

TABLE III (*continued*)—Summary of Observations of Temperature, Rainfall, Sunshine and Weather FEBRUARY, 1943

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation: Max. Min. Rain	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES FAHRENHEIT: Means of: A Max.	B Min.	Mean of A and B	Difference from Average	Absolute Maximum and Minimum: Maximum	Date	Minimum	Date	Earth Temperature: 1 ft	4 ft	RAINFALL: Total Fall		Percentage of Average	Most in a day: Amount	Date	WEATHER Number of days: Precip'n 0·1in (0·2mm) or more	Precip'n 0·4in (1·0mm) or more	Snow	Snow lying	Hail	Thunderstorm	Fog (Morn'g Obs.)	Ground Frost	Gale	BRIGHT SUNSHINE: Daily Mean	Percentage: of Average	of Possible
		G.M.T.	ft	°F	°F	°F	°F	°F		°F		°F	°F	mm	in	%	in											hr	%	%
4 MID COUNTIES—*cont.*																														
Worcester	Droitwich ..	9 9 9	106	49·6	35·8	42·7	–	56	12,14,24	25	8	–	–	29	1·16	–	·37	8	9	7	1	0	0	0	2	–	–	3·58	–	
	Malvern	9 9 9	380	48·4	38·3	43·3	+2·6	55	14	30	8	40·7	42·8	44	1·74	97	·66	8	9	6	1	0	0	0	0	1	–	3·57	139	36
	Prestwood ..	9 9 9	260	50·6	36·1	43·3	–	58	14	26	8	–	–	37	1·45	–	·39	8	11	9	0	0	2	0	4	16	–	–	–	–
	Worcester, P'well	9 9 9	94	49·8	36·6	43·2	+2·9	56	11,12,14	26	8,19	–	–	28	1·11	–	·41	8	9	5	0	0	0	0	–	17	–	3·40	–	35
Hereford	Hereford ..	9 9 9	292	49·7	36·9	43·3	+3·8	57	11	28	19	–	–	37	1·45	71	·83	8	9	5	–	–	–	–	2	7	–	–	–	–
	Ross-on-Wye ¶§	18-7 7	223	49·5	39·7	44·6	+4·0	57	11	29	8,19	42·9	44·8	51	2·02	100	·87	8	7	5	0	0	1	1	1	9	0	3·37	138	34
Gloucester	Cheltenham ..	2121 9	214	49·0	37·2	43·1	+3·0	56	11	28	8	41·9	44·4	36	1·41	73	·97	8	8	5	1	0	0	0	2	17	0	2·76	112	28
	Frampton Cotterell	9 9 9	158	49·3	37·3	43·3	–	58	18	29	8	43·5	44·9	42	1·65	–	·45	8	12	7	0	0	1	1	1	19	–	–	–	–
	Parkend	9 9 9	325	49·0	36·6	42·8	–	56	14	26	8	41·4	43·7	50	1·97	–	·99	8	9	7	2	0	1	0	3	12	0	3·17	–	32
	Stonehouse ..	9 9 9	150	49·6	37·6	43·6	–	57	11	30	8	–	–	34	1·33	–	·69	8	9	7	0	0	1	0	1	14	–	–	–	–
5 ENGLAND, S.E.																														
London	City, Bunhill Row	—	—																									1·46	118	15
	Camden Square ..	9 9 9	110	48·6	37·5	43·1	+2·6	57	18	29	8	41·2	44·2	37	1·44	86	·44	1	10	10	–	–	0	0	–	14	–	–	–	–
	East Ham ..	9 9 9	15	49·1	37·0	43·1	+2·8	57	18	28	8	–	–	36	1·43	96	·56	1	9	8	–	–	–	–	–	–	–	–	–	–
	Enfield	9 9 9	87					57	14	27	8		44·3	29	1·15	69	·40	1	5	4	0	0	0	0	8	9	–			
	Greenwich ..	2424 9	149	48·3	35·6	41·9	+1·4	56	18	25	8	42·5	44·6	40	1·56	99	·65	1	11	6	0	0	0	1	9	15	1	2·45	118	25
		21 9 –	—	48·1	36·9	42·5																								
	Hampstead ..	9 9 9	450	47·4	34·4	40·9	+1·8	55	19	28	8	–	–	34	1·34	–	·40	1	10	10	0	–	1	2	–	21	1	2·58	125	26
	Kensington ..	18-9 9	80	49·1	37·1	43·1	+2·0	56	11,18,24	27	8	42·2	44·6	31	1·23	75	·44	1	9	6	0	0	0	0	–	13	0	–	–	–
	Kingsway ..	—	—																									2·18	–	22
	Regent's Park ..	9 9 9	129	47·8	37·1	42·5	–	55	14,18	28	8	–	–	33	1·31	–	·44	1	9	7	0	0	0	1	6	11	–	2·35	147	24
	Kew ¶§	242424	18	48·2	36·7	42·5	+1·8	55	14	28	8	41·7	44·8	37	1·44	94	·43	1	9	6	0	0	1	0	5	13	0	2·72	126	28
	Observatory ..	18-7 –	—	47·9	37·8	42·9	+1·8																							
	Southgate ..	9 9 9	221	48·5	36·2	42·3	–	57	14	28	8	42·2	–	34	1·33	–	·43	1	10	6	0	0	0	0	5	16	0	2·71	–	27
	Tottenham ††¶§	2121 9	54	48·5	38·3	43·4	+2·3	57	14	29	8	–	45·7	34	1·34	83	·49	1	10	8	–	–	0	1	–	14	–	2·39	135	24
	Wealdstone ..	9 9 9	192	48·5	34·9	41·7	–	57	14	26	8	–	–	32	1·27	73	·39	1	10	6	0	0	0	0	9	14	0	2·94	–	30
	Westminster ..	9 9 9	27	49·7	37·0	43·3	+1·8	57	18	28	8	–	–	31	1·21	83	·45	15	10	10	0	–	0	0	–	11	–	2·24	135	23
Surrey	Addington ..	9 9 9	473	48·3	35·4	41·9	+2·8	54	11,19	28	8	–	–	44	1·72	–	·66	8	12	6	–	–	–	–	4	–	–	–	–	–
	Croydon	18-7 7	217	48·3	37·3	42·8	+2·3	55	11,18	27	8	–	–	51	2·01	104	·50	8	11	8	0	0	1	0	4	12	0	2·83	128	29
	Farnham ..	9 9 9	260	49·4	33·7	41·5	–	57	24,28	23	8	–	–	40	1·59	–	·63	8	8	7	0	0	0	0	5	15	–	–	–	–
	Milford	9 9 9	180	49·0	33·0	41·0	–	57	24	21	8	–	–	42	1·66	–	·65	8	10	5	1	0	0	0	2	15	–	3·19	–	31
	Wisley	9 9 9	150	48·8	35·1	41·9	+1·9	57	24	25	8	41·9	48·4	38	1·49	86	·49	8	11	7	0	0	1	0	4	17	1	2·82	121	29§
Kent	Bromley	9 9 9	213	49·7	35·5	42·6	–	56	11,18,24	26	8	–	–	37	1·44	86	·43	8	12	6	0	0	0	0	3	15	–	–	–	–
	Canterbury ..	9 9 9	135	48·4	35·9	42·1	+1·9	55	24	23	8	42·5	43·7	36	1·40	–	·38	1	9	8	–	–	–	–	–	14	–	–	–	–
	Deal	9 9 9	18	48·8	36·7	42·7	+2·4	56	14	25	8	43·2	45·7	39	1·52	–	·46	8	9	8	0	0	1	2	14	–	–	–	–	–
	Dover	9 9 9	200	48·6	34·9	41·5	+1·0	55	11	21	8	–	–	38	1·49	78	·32	1	8	7	0	0	0	1	–	–	–	–	–	–
	Dungeness ..	18-7 7	20	48·2	36·1	42·1	+1·4	53	1,27	24	8	–	–	26	1·04	65	·42	1	8	6	0	0	1	0	1	–	3	–	–	–
	East Malling ..	9 9 9	132	48·7	34·5	41·6	+1·8	57	24	23	8	–	–	38	1·50	–	·47	1	8	6	0	0	0	0	6	14	0	2·88	121	30
	Goudhurst ..	9 9 9	290	48·6	34·1	41·3	–	56	24	23	8	–	–	45	1·75	–	·45	8	13	8	0	0	0	0	5	15	–	–	–	–
	Lympne	18-7 7	283	46·9	36·1	41·5	+2·2	53	11,14	25	8	–	–	37	1·48	76	·36	10	9	8	0	0	1	0	5	12	1	3·32	112	33
	Manston	18-7 7	154	47·4	37·9	42·7	–	55	14	28	8	–	–	24	·95	–	·35	9	6	6	1	0	0	1	6	3	0	3·48	–	35
	Ramsgate ..	9 9 9	80	48·2	38·0	43·1	+2·6	55	14	30	8	–	–	32	1·25	–	·41	9	7	7	0	0	0	0	3	–	–	3·42	117	35
	Tunbridge W. ..	9 9 9	351	47·5	33·0	40·3	+1·2	56	24	22	8	39·8	42·9	39	1·53	–	·47	8	12	9	0	0	1	0	3	13	0	3·39	127	34
	Whitstable ..	9 9 9	9	49·1	37·6	43·3	–	56	14,24	26	8	–	–	29	1·15	–	·31	8	10	7	0	0	0	0	2	–	–	3·31	–	33
	Wye	9 9 9	164	47·6	34·6	41·1	+1·9	54	24	24	8	–	–								0	0	0	0	–	13	–	3·13	116	32
	Margate ¶§	9 9 9	51	47·7	38·5	43·1	+2·2	56	14	30	8	42·7	45·5	27	1·08	78	·27	8	8	6	0	0	0	0	1	1	3	3·35	113	36
Sussex	Beachy Head ..	18-7 7	502	45·3	38·1	41·7	+2·2	50	18,27	31	8	–	–	51	2·00	–	·62	1	11	9	0	0	0	1	6	–	–	–	–	–
	Bexhill	9 9 9	12	48·0	36·9	42·5	+2·2	53	18,27	27	8	43·8	–	31	1·24	–	·28	1	10	6	0	0	0	0	4	12	–	–	–	–
	Bodiam	9 9 9	71	48·7	33·5	41·1	–	54	11,12,24	22	8	–	–	55	2·18	–	·65	1	9	9	0	0	0	0	2	15	–	3·17	–	31
	Bognor	9 9 9	24	48·5	37·1	42·8	+1·7	55	18	29	8	–	46·7	36	1·43	–	·51	1	9	6	0	0	0	0	1	–	–	3·71	116	37
	Hastings ¶§	2121 9	149	48·1	36·8	42·5	+1·6	53	27	28	8	42·9	46·3	43	1·71	84	·40	1	13	7	0	0	0	0	2	12	1	3·35	108	34
	Horsham	9 9 9	350	48·5	31·9	40·2	–	56	18,19	20	8	41·4	–	58	2·29	–	·94	8	14	8	0	0	0	1	1	2	14	–	–	–
	Littlehampton ..	9 9 9	15	49·3	37·0	43·1	+3·2	57	18	25	8	–	44·5	36	1·41	–	·54	1	7	6	0	0	0	1	0	1	–	3·70	122	37
	Patcham ..	9 9 9	200	48·4	34·5	41·5	–	55	18	23	8	42·9	–	38	1·49	–	·32	1	12	7	0	0	0	1	–	16	1	–	–	–
	Seaford	9 9 9	45	47·7	37·3	42·5	–	(53)	(27)	27	8	–	–	33	1·32	–	·38	1	(9)	7	0	0	0	0	1	–	–	–	–	–
	Thorney Is. ..	18-7 7	10	49·9	37·3	43·6	–	57	18	25	8	–	–	40	1·57	–	·74	1	8	6	0	0	0	1	1	13	1	–	–	–
	Worthing ..	9 9 9	25	48·9	38·2	43·5	+2·8	56	18	28	8	42·1	45·4	28	1·09	55	·41	8	7	5	0	0	1	1	1	12	–	3·55	103	36
Berkshire	Reading .. †	9 9 9	152	48·8	36·6	42·7	+2·8	57	24	27	8	42·4	44·6	28	1·12	–	·39	8	9	6	0	0	0	0	–	13	–	2·87	–	29
	Shinfield ..	9 9 9	200	48·9	35·1	42·0	+2·5	55	18,24	26	8	–	–	25	1·00	–	·41	8	9	6	0	0	0	0	–	14	–	–	–	–
Hampshire	Bournemouth ..	9 9 9	139	50·8	38·3	44·5	+3·5	58	18	28	8	42·9	44·8	20	·77	32	·29	8	9	6	0	0	2	0	0	–	–	3·77	125	38
	Bramley	9 9 9	196	49·3	34·1	41·7	–	57	18	24	8	42·1	45·3	29	1·14	–	·46	8	9	7	0	0	0	0	3	13	–	–	–	–
	Leckford ..	9 9 9	385																											
	Long Sutton ..	9 9 9	479	48·8	34·7	41·7	+3·2	57	24	25	8	–	–	37	1·46	–	·49	4	9	6	0	0	1	1	1	13	–	3·20	128	32
	Portsmouth ..	9 9 9	15	49·8	38·3	44·1	+2·6	56	18	29	8	43·2	45·7	36	1·41	69	·68	1	11	6	0	0	0	1	1	13	–	3·70	125	39
	Southampton ¶§	2121 9	64	50·4	36·9	43·7	+2·6	57	14,18,24	27	8	–	–	31	1·22	53	·56	8	9	5	0	0	0	2	2	14	0	3·33	125	33
	S. Farnboro' ..	18-7 7	226	48·6	35·0	41·8	+1·9	57	24	24	8	–	–	33	1·29	89	·47	8	10	6	0	0	1	0	3	14	1	3·16	122	32
I. of Wight	*Newport	9 9 9	48	50·3	36·3	43·3	+2·4	57	18	26	8	43·8	46·1	38	1·51	–	·69	1	12	6	0	0	1	1	3	12	–	3·79	–	38
	Ryde	9 9 9	13	49·7	39·1	44·4	+2·7	56	14	30	8	–	–	40	1·58	–	·82	1	7	6	0	0	1	1	0	–	0	4·00	141	40
	St. Catherine's Pt.	18-7 7	150	48·7	40·9	44·8	–	53	18	33	8	–	–	31	1·21	–	·46	1	10	5	0	0	0	0	0	–	0	–	–	–
	Sandown ..	9 9 9	13	50·4	39·0	44·7	+2·6	57	28	29	8	–	–	43	1·71	–	·82	1	12	7	0	0	1	0	0	–	–	3·86	127	39
	Totland Bay ..	9 9 9	140	49·5	39·3	44·4	+3·1	57	18	33	27,28	–	–	26	1·04	51	·39	1	8	4	0	0	1	1	0	7	2	3·70	123	37
	Ventnor(Hospital)	9 9 9	60	50·0	40·6	45·3	+2·9	55	11,18	32	8	–	–	28	1·11	53	·41	1	11	7	0	0	1	1	–	–	0	4·05	133	40
Wiltshire	Amesbury ..	18-7 7	417	48·1	36·7	42·4	–	55	24	27	8	–	–	25	1·08	–	·46	8	12	5	1	0	0	1	1	12	0	3·15	–	32
	Larkhill	9 9 9	440	47·9	35·8	41·9	+2·8	55	18	27	8	–	–	23	·91	47	·51	8	9	4	0	0	0	0	0	12	1	–	–	–
	Marlboro' ¶§	9 9 9	424	47·7	34·3	41·0	+2·1	54	19	28	8,27	42·1	45·2	37	1·44	59	·45	8	11	9	1	0	1	0	1	21	0	2·65	121	27
	Porton	9 9 9	363	48·3	34·8	41·5	+2·6	55	18,24,25	26	8	41·7	–	31	1·22	62	·58	8	6	5	0	0	1	0	1	13	0	3·29	125	33

¶§, 8 *See* Notes on Tables in Annual Summary. †† Tottenham is used as a "district value" station for England, E., and not for England, S.E. † Sunshine recorder is at Seed Trial Grounds.

* Sunshine recorder and earth thermometers at Staplers.

TABLE III (*continued*)—Summary of Observations of Temperature, Rainfall, Sunshine and Weather FEBRUARY, 1943

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation Max. Min. Rain	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES FAHRENHEIT: Means of A Max.	B Min.	Mean of A and B	Difference from Average	Absolute Maximum and Minimum: Maximum	Date	Minimum	Date	Earth Temperature 1 ft	4 ft	RAINFALL: Total Fall mm	in	Percentage of Average	Most in a day: Amount	Date	WEATHER Number of days: Precip'n 0·1 in (0·2 mm) or more	0·4 in (1·0 mm) or more	Snow	Snow lying	Hail	Thunderstorm	Fog (Morn'g Obs.)	Ground Frost	Gale	BRIGHT SUNSHINE: Daily Mean	Percentage of Average	Percentage of Possible
		G.M.T.	ft	°F	°F	°F	°F	°F		°F		°F	°F	mm	in	%	in											hr	%	%
7a ENGLAND, N.W.																														
Cumberland	Keswick	9 9 9	254	49·4	38·4	43·9	+4·2	53	12,14	30	8	42·1	43·6	151	5·96	121	1·86	5	16	14	0	0	0	0	0	11	1	1·64	88	17
	Newton Rigg ¶§	2121 9	560	47·7	35·8	41·7	+3·8	52	5	29	8	–	–	66	2·61	85	·52	5	15	12	0	0	0	0	0	14	0	2·60	118	27
Westmorland	Ambleside ..	9 9 9	145	48·6	37·7	43·1	–	53	27	26	8	–	–	131	5·16	–	1·27	5	16	16	1	0	1	0	0	–	–	1·74	–	18
	Appleby	9 9 9	440	47·3	35·1	41·2	+4·1	53	28	28	8	–	–	43	1·70	57	·49	8	15	12	1	0	3	0	–	–	–	–	–	–
Lancashire	Blackpool ..	9 9 9	65	47·4	40·1	43·7	+3·8	52	23	30	8	42·8	44·2	45	1·75	78	·41	10	17	10	0	0	2	0	2	4	–	2·44	99	25
	Bolton	9 9 9	342	47·2	36.5	41·9	+2·8	52	1,24	26	8	41·4	42·7	73	2·86	95	·65	10	20	13	0	0	0	0	–	3	–	1·95	164	20
	Burnley	9 9 9	458	46·4	37·7	42·1	+3·6	51	23	28	8	40·8	42·5	79	3·09	–	·68	5	18	14	0	0	0	1	2	17	–	–	–	–
	Darwen	2121 9	724	45·8	36·7	41·3	+3·5	54	10	28	8	40·2	41·6	92	3·16	99	·75	2	19	15	1	0	1	0	4	8	–	1·73	109	18S
	Fleetwood ..	9 9 9	21	48·0	39·7	43·9	–	52	18	30	8	–	–	49	1·92	–	·52	8	19	11	0	0	1	0	1	2	5	2·73	–	28
	Hutton	9 9 9	82	48·1	38·8	43·5	+4·0	53	24	29	8	41·7	43·5	52	2·06	–	·37	10	16	13	0	0	6	0	–	12	2	2·08	109	21
	Leyland	9 9 9	125	48·2	38·2	43·2	+3·7	54	23,24	29	8	–	–	58	2·28	95	·44	2	16	12	0	0	1	0	1	10	–	–	–	–
	Manchester (Burnage) ..	9 9 9	147	48·6	38·6	43·6	–	55	23	29	8	–	–	68	2·66	–	·56	2	18	14	0	0	2	0	2	–	–	1·61	–	17
	(Whitworth Pk.)	2121 9	125	48·7				53	14,23,24	29	8	42·5	44·0	62	2·45	128	·44	2	16	14	0	0	1	1	6	10	1	1·37	105	14
	Morecambe ..	9 9 9	23	46·3	39·4	42·9	+3·8	50	1	31	8	–	–	51	2·00	79	·36	8	15	13	0	0	0	0	2	–	0	2·30	105	24
	Nelson	9 9 9	540	45·7	37·6	41·7	–	50	5,12	29	8	40·2	42·5	79	3·11	–	1·02	5	17	12	–	–	–	–	7	7	–	1·43	–	15
	Southport (Bedford Rd.Pk.) ¶§	9 9 9	35	48·3	39·6	43·9	+3·8	53	24	30	8	42·3	43·8	54	2·13	101	·48	6	14	11	0	0	2	0	5	7	3	2·77	117	29
	Stonyhurst ¶§	9 9 9	377	46·2	37·7	41·9	+3·1	50	5,11,12	29	8	–	–	84	3·29	98	·83	5	19	16	2	0	5	1	4	5	2	1·86	97	19
Cheshire	Bidston Obs'y ..	9 9 9	198	47·6	39·9	43·7	+3·4	52	14,24	31	8	–	–	39	1·56	92	·39	8	13	10	–	–	–	–	0	1	–	2·91	125	30
	Hoylake	9 9 9	22	49·5	40·2	44·9	+4·1	56	24,25	31	8	–	–	45	1·76	103	·27	7	17	12	0	0	2	1	–	7	–	2·99	122	31
	Macclesfield ..	9 9 9	500	46·4	38·9	42·7	+4·5	52	12,13	27	8	–	–	65	2·54	118	·42	10	16	14	1	1	3	0	5	–	–	–	–	–
	Manchester (Ringway) ..	18-7 7	235	47·5	38·9	43·2	–	53	14,23,24	29	8	–	–	64	2·52	–	·39	6	16	12	0	0	4	0	2	11	1	–	–	–
	Warburton ..	9 9 9	68	48·4	37·1	42·7	–	54	14,23,24	28	19	–	–	58	2·28	–	·44	6	15	12	0	0	2	0	2	10	–	2·19	–	23
	West Kirby ..	9 9 9	25	48·5	39·3	43·9	+4·0	55	24	30	21	–	–	51	2·02	121	·35	2	17	12	1	0	6	0	0	8	–	2·84	118	29
7b NORTH WALES																														
Flint	Hawarden B'dge	9 9 9	17	50·9	38·8	44·9	+3·8	60	14	29	22	–	–	45	1·75	–	·27	3	14	13	3	0	0	0	0	–	–	–	–	–
	Prestatyn ..	9 9 9	18	50·1	40·7	45·4	–	56	24	34	8,22	–	–	55	2·18	–	·37	8	14	13	0	0	1	0	0	–	–	2·74	–	28
	Rhyl	9 9 9	31	49·7	40·3	45·0	+3·8	55	12,14	31	8	–	–	49	1·95	123	·53	8	14	12	0	0	5	0	1	5	4	2·88	107	30
	Sealand .. ¶§	18-7 7	16	50·1	39·9	45·0	+4·3	60	14	29	22	43·0	50·0	43	1·70	90	·30	15	14	13	2	0	3	1	0	12	–	3·03	137	31
Anglesey	Holyhead ¶§	8 8 8	26	49·5	42·3	45·9	+3·2	54	14	34	16	–	–	65	2·57	105	1·22	8	14	12	–	–	–	–	–	0	–	2·64	99	27
	Holyhead (Valley)	18-7 7	32	49·0	42·2	45·6	–	54	14	34	8	–	–	51	2·02	–	·98	8	15	10	1	0	2	0	0	2	5	–	–	–
Denbigh	Colwyn Bay ..	9 9 9	118	49·8	40·9	45·3	+3·2	56	24	33	8	–	–	62	2·45	–	1·04	8	13	10	0	0	2	0	0	–	–	2·56	96	26
Carnarvon	Aber	9 9 9	60	49·3	41·4	45·3	+3·2	53	11,14,24	36	16	–	–	102	4·00	–	1·39	8	14	13	0	0	2	0	0	1	0	1·76	82	18S
	Llandudno ..	9 9 9	13	49·3	41·4	45·3	+3·2	54	11,12	33	8	–	–	56	2·19	112	·82	8	15	12	0	0	4	0	0	6	2	2·67	102	27
Montgomery	Lake Vyrnwy ..	9 9 9	750	46·3	35·1	40·7	–	50	14,15	27	8	–	–	113	4·43	–	1·53	5	17	13	3	0	0	0	0	6	–	–	–	–
	Welshpool ..	9 9 9	254	49·9	36·7	43·3	+3·6	54	10,11	28	8,22	–	–	46	1·80	85	·44	5	14	10	0	0	0	0	1	–	–	–	–	–
8a SOUTH WALES																														
Cardigan	Aberporth ..	18-7 7	376	48·1	40·3	44·2	–	52	11,14	31	19	–	–	65	2·58	–	·90	8	16	10	0	0	5	0	1	2	0	2·45	–	25
	Aberystwyth ..	9 9 9	12	47·6	40·4	44·0	+2·5	–	–	–	–	–	–	61	2·41	–	·65	8	14	11	0	0	2	0	2	–	–	2·25	83	23
	„ Llety-evan-hen	9 9 9	950	44·6	37·5	41·1	–	49	18	32	8,16	–	–	73	2·87	–	·60	8	17	13	0	–	1	0	–	5	–	1·19	–	12
	„ P.B.S.†	9 9 9	452	46·5	39·3	42·9	+2·6	51	1	33	8	–	–	72	2·83	–	·71	8	18	11	2	0	3	0	(3)	4	2	2·26	83	23
Pembroke	Haverfordwest ..	2121 9	127	49·9	38·3	44·1	+2·6	54	24	29	9,19	–	–	54	2·14	–	·95	8	15	8	0	0	1	0	2	–	–	2·76	101	28
	St. Ann's Hd. ¶§	18-7 7	142	49·0	43·5	46·3	+3·4	53	18	39	8,9	–	–	51	1·99	71	·89	8	13	7	0	0	0	0	0	–	6	2·75	104	28
	Tenby	9 9 9	64	49·9	41·4	45·7	+4·0	54	14,18	32	19	–	–	53	2·08	–	·94	8	12	9	0	0	2	1	1	7	–	2·96	107	30
Radnor	Rhayader ¶§	9 9 9	757	46·8	36·9	41·9	+4·0	52	14,18,21	27	8,19	–	–	107	4·23	1·04	1·40	8	19	13	2	0	0	0	1	11	0	2·49	115	25
Brecknock	Cantref	9 9 9	1080	44·5	35·0	39·7	–	49	18	29	8	–	–	143	5·65	–	1·46	5	19	16	2	1	0	1	3	–	–	2·64	–	27
	Crickhowell ..	9 9 9	230	50·0	37·2	43·6	–	58	18	29	8,19,22	–	–	105	4·12	–	1·64	8	13	9	1	0	2	1	0	14	–	–	–	–
Glamorgan	Cardiff	2121 9	203	49·3	38·9	44·1	+3·6	57	18	33	8	43·5	46·1	45	1·79	61	·37	8	13	12	0	0	0	0	0	2	0	2·93	111	30
	St. Athan ..	18-7 7	145	48·1	40·3	44·2	–	57	18	34	26	–	–	39	1·54	–	·42	1	10	9	0	0	3	0	1	9	0	–	–	–
	Swansea	9 9 9	32	49·7	41·0	45·3	+3·4	53	24	36	19,22	44·5	49·7	63	2·49	–	·65	8	15	14	0	0	0	0	2	10	–	2·78	112	28
8b ENGLAND, S.W.																														
Monmouth	Newport	9 9 9	265	49·0	39·0	44·0	+3·5	57	18	34	19	42·2	45·1	50	1·98	–	·61	5	13	7	–	–	–	–	3	–	–	3·28	–	33
	Usk	9 9 9	70	50·0	38·0	44·0	+4·4	57	11,12,18	29	8,19	41·9	–	57	2·23	–	·88	8	11	8	0	0	3	0	10	10	2	2·84	127	29
Somerset	Bath .. ¶§	9 9 9	67	48·7	37·3	43·0	+2·4	56	18	28	18,19	43·0	46·1	34	1·35	63	·33	1	11	8	0	0	1	2	0	–	0	2·86	106	29
	Bristol (Airport) ..	18-7 7	209	48·4	39·1	43·7	–	56	18	29	8	–	–	49	1·95	–	·49	8	11	9	0	0	1	1	1	8	0	2·70	–	27
	Cannington ..	9 9 9	95	50·0	39·2	44·6	–	58	14	30	19	–	–	30	1·17	–	·39	8	10	6	0	0	0	0	1	11	2	2·80	–	28
	Long Ashton ..	9 9 9	162	49·1	37·5	43·3	+2·6	56	18	30	8,19,26	–	–	50	1·98	84	·64	8	12	7	1	0	2	0	1	15	–	2·47	97	25
	Weston-s.-Mare ..	9 9 9	28	49·0	40·3	44·7	–	55	18	32	8	–	–	32	1·26	67	·36	8	8	6	0	0	0	0	2	4	–	2·71	106	27

¶§. § *See* Notes on Tables in Annual Summary. † Plant Breeding Station.

TABLE III (*continued*)—Summary of Observations of Temperature, Rainfall, Sunshine and Weather FEBRUARY, 1943

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation Max. Min. Rain	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES FAHRENHEIT: Means of A Max.	Means of B Min.	Mean of A and B	Difference from Average	Absolute Maximum and Minimum: Maximum	Date	Minimum	Date	Earth Temperature 1 ft	4 ft	RAINFALL: Total Fall mm	Total Fall in	Percentage of Average	Most in a day: Amount in	Most in a day: Date	WEATHER Number of days: Precip'n 0·1 in (0·2 mm) or more	Precip'n 0·04 in (1·0 mm) or more	Snow	Snow lying	Hail	Thunderstorm	Fog (Morn'g Obs.)	Ground Frost	Gale	BRIGHT SUNSHINE: Daily Mean	Percentage of Average	Percentage of Possible
		G.M.T.	ft	°F	°F	°F	°F	°F		°F		°F	°F															hr	%	%
8b ENGLAND, S.W.—*cont.*																														
Dorset	Holton Heath ..	9 9 9	64	50·5	36·9	43·7	+2·6	57	14	26	8	42·9	45·2	31	1·22	–	·53	8	10	6	0	0	1	0	0	13	0	3·74	134	38
	Poole	9 9 9	18	51·5	36·6	44·1	–	58	14,18	27	8,28	–	–	25	·99	–	·43	8	8	5	0	0	0	0	2	–	–	3·19	–	32
	Portland Bill ..	18–7 7	32	48·7	42·2	45·5	+2·6	52	18,19	34	8	–	–	21	·81	42	·31	1	8	5	0	0	0	1	0	–	0	–	–	–
	Shaftesbury ..	9 9 9	722	47·4	36·4	41·9	–	53	18,24,25	31	19	–	–	55	2·16	–	1·22	8	11	7	1	0	1	0	–	–	–	–	–	–
	Swanage	9 9 9	14	50·2	39·3	44·7	–	56	18,19	31	8	–	–	31	1·20	–	·40	8	9	6	0	0	1	1	0	2	–	3·83	–	39
	Weymouth ..	9 9 9	16	49·8	39·4	44·6	+2·3	53	13	33	8	–	–	34	1·35	63	·59	8	7	5	0	0	0	1	0	–	–	3·57	123	36
Devon	Barnstaple ..	9 9 9	25	49·6	39·6	44·6	+2·3	54	18	29	19	–	–	60	2·37	87	1·03	8	14	10	–	–	–	–	0	6	–	–	–	–
	Cullompton ¶§	9 9 9	202	51·0	37·4	44·2	+3·1	59	18	28	27	43·8	–	44	1·73	62	·59	8	11	7	0	0	0	0	2	9	–	2·86	106	39
	Dawlish	9 9 9	17	51·5	38·4	44·9	–	59	18	32	8	–	–	43	1·69	–	·96	8	8	7	–	–	–	–	0	6	–	3·70	–	38
	Exmouth ..	9 9 9	195	49·5	38·5	44·0	+1·8	55	12,14,18	31	19	–	–	39	1·55	–	·86	8	10	7	0	0	0	0	0	–	0	3·47	129	35
	Hartland Pt. ..	18–7 7	299	47·8	42·0	44·9	–	51	14,19	32	22	–	–	39	1·54	–	·46	8	13	10	0	0	3	0	0	0	0	2·66	–	27
	Ilfracombe ..	9 9 9	25	49·0	42·2	45·6	+2·4	52	18,24	37	22	45·7	48·7	61	2·42	91	1·11	8	11	9	0	0	0	0	1	2	–	2·89	115	29
	Killerton ..	9 9 9	159	51·4	37·5	44·5	+3·1	55	15	30	8,25	–	–	34	1·33	–	·56	8	8	8	–	–	–	–	0	12	–	–	–	–
	*Newton Abbot ..	9 9 9	375	49·8	38·1	43·9	+2·4	55	14,19	32	8	–	–	53	2·10	70	·85	8	11	7	0	0	2	1	0	16	–	3·36	119	34
	Plymouth (Hoe)	9 9 9	117	50·8	40·1	45·5	+2·4	56	20	34	8,24,27	44·9	47·4	47	1·86	94	·71	8	13	11	0	0	4	2	6	10	0	3·31	173	33
	Plymouth (Mount Batten) ..	18–7 7	86	50·1	40·4	45·3	+2·0	55	18	31	8	–	–	50	1·96	–	1·00	8	13	10	0	0	0	2	0	10	3	3·24	163	32
	Princetown ..	9 9 9	1359	44·5	34·7	39·6	+2·5	50	24	29	8	–	–	145	5·73	72	1·92	8	16	13	4	5	5	2	6	8	–	–	–	–
	Seaton	9 9 9	43	51·2	39·0	45·1	–	57	14,18	31	8	–	–	25	·98	–	·54	8	9	4	0	0	1	1	3	13	–	–	–	–
	Sidmouth ..	9 9 9	25	50·8	39·0	44·9	+2·7	57	12,18	31	8	–	–	29	1·15	–	·80	8	4	4	0	0	0	0	0	5	–	3·60	–	36
	Tavistock ..	9 9 9	457	49·4	37·1	43·3	+1·8	55	19	28	22	–	46·0	71	2·80	69	·90	8	11	11	1	0	2	0	3	14	1	–	–	–
	Teignmouth ..	9 9 9	20	50·7	39·2	44·9	+2·0	57	14	32	8	–	–	45	1·78	67	·93	8	11	7	0	0	2	1	0	5	–	3·62	128	36
	Torquay	9 9 9	27	50·6	39·1	44·9	+1·8	56	14,18	30	8	–	47·1	46	1·81	66	·78	8	11	7	0	0	4	1	1	10	4	3·42	116	34
	Totnes	9 9 9	100	50·7	36·4	43·5	–	57	18	26	27	44·3	–	72	2·85	–	1·35	8	11	9	0	0	3	1	–	13	0	–	–	–
Cornwall	Bude	9 9 9	50	49·5	40·5	45·0	+2·6	53	24	33	9,19,21	–	–	53	2·09	84	·84	8	15	9	0	0	7	1	2	–	–	2·90	101	29
	Ellbridge.. ..	9 9 9	200	49·9	38·3	44·1	–	54	18,20,24	29	22,24	–	–	68	2·67	–	·94	8	10	10	0	0	5	3	0	12	–	3·09	–	31
	Falmouth Obs. ¶§	9 9 9	167	50·9	41·7	46·3	+2·6	58	24	34	8	46·3	48·1	64	2·51	68	·89	8	15	9	0	0	6	1	0	3	–	3·30	117	33
	Fowey	9 9 9	51	(52·2)	38·3	(45·3)	(+1·4)	–	–	31	8	–	–	40	1·58	–	·49	8	13	9	0	0	3	0	0	–	–	3·31	141	33
	Gulval	9 9 9	20	51·6	42·2	46·9	+2·8	55	11,14,19,24	35	8,27	–	–	56	2·22	–	·82	8	15	11	0	0	3	2	0	3	–	3·50	115	35
	The Lizard ..	18–7 7	240	50·3	42·7	46·5	–	55	24	35	26	–	–	36	1·41	–	·47	8	14	8	1	0	2	0	0	–	3	3·73	–	37
	Newquay ..	9 9 9	182	49·3	41·8	45·5	+2·4	53	24	34	8	45·3	47·9	44	1·74	68	·49	8	12	9	0	0	4	1	2	–	1	3·14	109	31
	Penzance ..	9 9 9	55	51·7	42·3	47·0	+1·9	55	19,24	35	8	–	–	61	2·41	72	·82	8	14	13	0	0	4	1	0	–	–	3·33	115	33
	Tintagel	9 9 9	280	48·1	41·9	45·0	–	51	10,19	35	22	–	–	45	1·78	–	·57	8	14	11	0	0	4	2	1	–	–	2·89	–	29
NORTHERN IRELAND																														
Londonderry	Castlerock ..	9 9 9	57	50·0	40·8	45·4	–	56	23	35	1,8	–	–	84	3·30	–	·64	5	19	15	–	–	–	–	0	0	4	–	–	–
	Garvagh (Moneydig) ¶	7 7 7	121	49·1	37·9	43·5	+3·8	54	23	31	7	–	–	84	3·29	105	·71	5	22	15	1	0	7	1	1	9	–	–	–	–
Antrim	Aldergrove ¶§	18–7 7	294	48·1	38·7	43·4	+3·2	55	23	30	7	–	–	36	1·40	58	·24	5	16	13	1	0	3	0	1	8	0	2·26	105	24
Down	Ballyhalbert ††	9 9 9	34	49·8	39·1	44·5	–	55	14	33	8	–	–	24	·95	–	·32	8	13	7	1	0	2	0	0	4	2	2·70	–	28
	Hillsborough §	9 9 9	388	47·3	38·2	42·7	–	53	23	32	1	42·3	–	33	1·31	–	·27	5	16	13	1	0	4	0	0	1	3	2·58	108	27
Armagh	Armagh .. ¶§	2121 9	205	49·9	39·0	44·5	+3·8	55	23	32	7	42·5	43·8	46	1·83	82	·33	8	18	10	1	0	1	0	0	4	1	2·81	123	29
Scilly	St. Mary's	18–7 7	163																											
GIBRALTAR		18–7 7	400	60·3	51·3	55·8	+0·3	67	20	46	18	–	–	24	0·94	–	·76	28	5	2	0	0	0	1	0	0	0	7·25	–	67
MALTA		18–7 7	231	59·1	51·6	55·3	+1·0	66	2	46	12	–	–	65	2·55	127	·92	10	8	7	0	0	0	0	0	–	0	5·95	104	55

¶§, § *See* Notes on Tables in Annual Summary. †† Sunshine recorder is at Mount Stewart. * Seale-Hayne College.

TABLE III (*a*)—SKY OBSERVATIONS, FEBRUARY, 1943

WEATHER DIARY ROYAL OBSERVATORY, GREENWICH	Number
Persistently overcast days	2
,, cloudless ,,	0
,, foggy ,,	0

NIGHT SKY RECORDER**	GREENWICH	PORTON
Recorder in operation on	27 nights	28 nights
Average exposure (hours)	11·8	11·4
Polaris unobscured (per cent.)	50	50
δ Ursæ Minoris (ditto)	46	43

** *See* Meteorological Magazine, May, 1920, p. 70.

TABLE III (*b*)—SOLAR RADIATION

DIRECT SOLAR RADIATION KEW OBSERVATORY

	Cal./cm.²/diem.
Max. (on 13th) ..	277
Mean	81·9

TABLE IV—Summary of Observations at fixed hours FEBRUARY, 1943

DISTRICT, COUNTY AND PLACE	Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE: At Mean Sea Level	MEAN PRESSURE: Difference from Average	TEMPERATURE AND HUMIDITY: Dry Bulb	TEMPERATURE AND HUMIDITY: Depression of Wet Bulb	TEMPERATURE AND HUMIDITY: Vapour Pressure	TEMPERATURE AND HUMIDITY: Relative Humidity	CLOUD AMOUNT: Mean Amount	CLOUD AMOUNT: No. of Observations 0	1 to 3	4 to 6	7 to 9	10	VISIBILITY: Number of Observations: Fog 0	Fog 1	Fog 2	Fog 3	Mist 4	Poor Vis. 5	Mod. Vis. 6	Good Visibility 7	8	9	WIND, NUMBER OF OBSERVATIONS: Force (0-12) 8 or more	6 to 7	4 to 5	1 to 3	Calm	Direction N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
	G.M.T.	ft	mb	mb	°F	°F	mb	%																													
0 SCOTLAND, N.																																					
Shetlands — Sumburgh (Links)	1	23	1004·2	–	42·3	1·2	8·3	90	8·6	0	1	4	8	15	0	0	0	0	0	0	6	13	9	0	8	9	9	2	0	4	0	0	0	2	5	11	6
	7	23	1003·9	+2·7	42·4	1·3	8·1	89	8·5	0	1	3	11	13	0	0	0	0	1	1	8	7	11	0	6	11	10	1	0	3	0	0	0	2	4	15	4
	13	23	1004·8	–	43·8	1·6	8·4	87	7·8	0	1	6	16	5	0	0	0	0	0	0	5	7	14	2	7	10	10	1	0	2	0	0	0	3	7	13	3
	18	23	1005·9	–	42·7	1·5	8·1	87	8·2	0	2	4	10	12	0	0	0	0	0	1	7	5	15	0	6	11	6	5	0	2	1	0	0	2	7	10	6
Hebrides — Benbecula	1	27	1010·4	–	44·6	0·9	9·3	93	8·0	0	4	1	10	13	0	0	0	0	0	1	3	10	13	1	3	8	10	7	0	0	1	0	0	3	9	9	6
	7	27	1010·8	–	44·4	1·1	9·1	91	7·4	0	3	8	6	11	0	0	0	0	0	1	3	9	13	3	2	9	12	5	0	2	0	0	0	5	6	11	4
	13	27	1012·4	–	45·8	1·3	9·4	90	8·7	0	1	1	16	10	0	0	0	0	0	1	4	5	14	4	2	6	13	7	0	0	1	0	0	2	14	7	4
	18	27	1012·4	–	44·6	0·8	9·4	94	8·9	0	0	4	11	13	0	0	0	0	0	0	9	6	12	1	1	8	16	3	0	1	1	0	0	5	10	8	3
Stornoway	1	83	1009·1	–	42·7	1·2	8·4	90	7·9	0	3	4	10	11	0	0	0	0	0	0	4	13	11	0	3	11	4	9	0	4	1	0	0	4	12	6	4
	7	83	1009·3	+2·4	42·3	1·2	8·2	90	7·5	0	3	6	11	8	0	0	0	0	0	0	4	11	13	0	5	7	8	6	2	1	0	0	0	3	9	11	2
	13	83	1010·4	–	45·3	1·9	8·7	85	8·6	0	2	0	16	10	0	0	0	0	0	0	4	6	17	1	4	10	7	5	2	0	1	0	0	1	15	7	3
	18	83	1010·7	–	44·2	1·5	8·6	88	8·8	0	1	2	10	15	0	0	0	0	0	0	6	9	13	0	4	12	6	4	2	0	1	0	0	4	13	6	2
Caithness — Wick	1	117	1007·8	–	41·5	2·1	7·3	81	7·1	0	4	7	6	11	0	0	0	0	0	0	3	2	20	3	1	7	10	10	0	0	1	1	1	4	11	4	5
	7	117	1007·9	+0·6	40·6	1·8	7·2	84	7·6	0	2	6	11	9	0	0	1	0	0	0	1	3	18	5	1	4	9	12	2	0	1	0	0	2	12	5	3
	13	117	1009·1	–	44·4	2·8	7·7	77	8·3	0	1	4	10	13	0	0	0	0	0	0	2	3	13	11	3	2	14	9	0	0	1	0	0	3	12	9	3
	18	117	1009·8	–	42·2	2·3	7·4	80	8·0	0	1	3	16	8	0	0	0	0	0	0	2	2	18	6	2	4	11	9	2	2	0	0	0	3	13	6	2
Sutherland — Cape Wrath	1	371	1005·7	–	42·4	1·1	8·3	90	9·3	0	0	0	17	11	0	1	0	0	0	0	0	9	18	0	2	13	11	2	0	2	0	1	0	2	13	4	6
	7	371	1006·0	–	42·2	1·2	8·2	90	9·4	0	0	0	16	12	0	3	0	0	0	0	0	9	16	0	3	8	14	3	0	4	0	0	0	2	8	6	4
	13	371	1007·5	–	42·9	1·5	8·2	88	9·5	0	0	0	15	13	0	1	0	0	0	0	3	10	14	0	4	9	11	4	0	2	0	0	1	0	12	6	7
	18	371	1007·8	–	42·8	1·1	8·4	90	9·6	0	0	0	12	16	0	2	0	0	0	0	2	12	12	0	2	11	13	2	0	1	0	0	1	0	12	8	7
Ross and Cromarty — Invergordon	1	19	1009·6	–	42·5	2·2	7·5	81	6·9	0	6	4	9	9	0	0	0	0	0	0	3	1	23	1	0	7	11	9	1	0	1	0	1	1	9	11	4
	7	19	1009·9	–	42·5	2·5	7·3	79	7·4	0	2	7	13	6	0	0	0	0	0	0	0	1	24	3	0	5	14	9	0	0	0	0	0	1	9	13	5
	13	19	1011·2	–	46·2	3·9	7·4	70	8·4	0	0	4	18	6	0	0	0	0	0	0	0	1	19	8	0	8	11	9	0	0	0	0	0	1	9	15	3
	18	19	1011·7	–	43·8	3·1	7·3	75	7·7	0	2	3	19	4	0	0	0	0	0	0	0	1	21	4	1	5	9	13	0	0	1	0	0	1	11	12	3
Inverness — Dalwhinnie †	7	1180	969·1	–	37·9	1·5	6·7	86	8·4	0	1	3	13	11	6	0	0	0	0	0	2	18	8	0	1	0	9	19	0	1	1	0	0	1	4	10	1
	13	1180	970·5	–	41·2	2·3	7·1	80	8·5	0	1	3	16	8	0	0	0	0	0	0	4	9	15	0	0	0	13	15	0	1	0	0	0	1	11	13	2
	18	1180	971·0	–	39·1	1·9	6·7	83	8·4	0	3	1	15	9	0	0	0	0	0	1	5	9	13	0	0	0	10	18	0	2	0	0	0	1	3	8	12	2
1 SCOTLAND, E.																																					
Moray — Lossiemouth	1	24	1009·2	–	42·3	2·4	7·2	79	7·1	0	6	4	7	11	0	0	0	0	0	0	1	1	20	6	0	2	15	10	1	0	1	0	1	0	4	14	6	1
	7	24	1009·7	–	41·3	2·2	7·1	81	7·2	0	5	4	14	5	0	0	0	0	0	0	0	1	19	8	0	3	12	13	0	0	0	0	0	2	18	3	1
	13	24	1010·9	–	46·4	4·0	2·4	69	8·1	0	2	2	21	3	0	0	0	0	0	0	0	1	24	13	0	6	15	6	1	0	0	0	0	2	15	9	1
	18	24	1011·6	–	43·4	2·9	7·3	77	7·7	0	5	1	16	6	0	0	0	0	0	0	2	3	17	6	0	5	11	12	0	0	1	0	0	2	16	7	2
Aberdeen — Aberdeen H	7	85	1010·6	+1·3	40·8	2·2	7·0	82	6·1	0	9	3	12	4	0	0	0	0	1	3	4	6	10	1	0	0	11	17	0	0	2	1	0	0	3	11	6	5
	13	85	1011·8	–	46·9	4·4	7·4	68	6·6	0	7	2	17	2	0	0	0	0	1	0	5	4	16	0	0	1	13	14	0	0	1	0	0	2	8	9	8
	18	85	1012·4	–	44·2	3·3	7·3	74	6·4	0	8	3	12	5	0	0	0	0	1	2	5	5	6	0	1	0	6	19	0	0	0	0	0	0	3	7	9	4
	21	85	1012·7	–	42·7	2·9	7·0	76	4·8	0	13	3	10	2	0	0	0	0	3	1	11	6	7	0	0	1	4	22	1	1	0	0	1	3	10	8	4
	h.*	85	1011·5	+1·9	43·3	3·0	7·2	76																													
	Braemar .. ‡	9	1108	1012·3	+2·4	39·2	2·1	6·6	81	7·7	0	6	0	6	16	0	0	0	0	2	12	12	0	0	0	0	1	6	18	3	1	2	0	0	0	1	9	7	6
Angus — Dyce	1	237	1010·3	–	41·2	2·5	6·9	78	5·4	0	11	4	5	8	0	0	0	0	0	0	0	2	12	10	1	5	12	10	1	1	1	0	0	0	2	10	11	3
	7	237	1010·7	–	40·6	2·3	6·9	79	6·6	0	5	6	14	3	0	0	0	0	0	0	2	0	13	13	0	1	14	11	2	1	0	0	0	1	9	9	6
	13	237	1011·8	–	46·6	4·4	7·2	66	7·3	0	4	4	16	4	0	0	0	0	0	0	0	3	9	16	1	4	11	12	0	3	0	0	0	1	5	11	9
	18	237	1012·4		42·5	2·9	7·0	75	6·5	1	5	6	11	5	0	0	0	0	0	0	0	2	7	16	1	2	7	15	3	0	1	0	0	0	3	8	9	5
Angus — Montrose (Airf'd)	1	22	1011·7	–	41·9	2·3	7·3	81	5·2	2	11	1	10	4	0	0	0	0	0	0	5	7	9	7	0	1	11	16	0	1	0	0	0	2	13	11	1
	7	22	1011·9	–	40·8	1·8	7·3	84	6·6	0	8	3	12	5	0	0	0	0	0	0	4	5	11	8	0	0	7	21	0	0	1	0	0	2	9	14	2
	13	22	1013·1	–	47·3	4·3	7·5	68	6·9	0	2	8	16	2	0	0	0	0	0	0	3	5	7	16	0	3	13	12	0	0	1	0	0	0	10	15	2
	18	22	1013·6	–	44·3	3·2	7·3	74	6·3	0	5	9	11	3	0	0	0	0	0	0	3	4	13	8	0	1	10	15	2	1	0	0	0	1	9	12	3
Perth — Errol	1	33	1011·9	–	42·0	2·6	7·1	78	5·1	1	11	5	8	3	0	0	0	0	0	0	6	10	8	4	0	5	8	12	3	1	0	0	0	2	13	8	1
	7	33	1012·5	–	41·4	2·2	7·2	81	6·3	0	10	1	12	5	0	0	0	0	0	0	4	6	9	9	0	2	11	15	0	1	0	0	1	1	12	11	2
	13	33	1014·5	–	46·9	4·1	7·5	69	7·5	0	3	4	17	4	0	0	0	0	0	1	3	3	11	10	0	5	13	10	0	0	0	0	0	0	12	14	2
	18	33	1014·0	–	44·1	3·0	7·4	75	6·4	0	7	5	12	4	0	0	0	0	0	0	5	5	14	4	0	4	10	14	0	0	0	0	0	2	12	12	2
Fife — Leuchars H	1	36	1012·7	–	41·9	2·0	7·6	83	5·2	2	7	5	12	2	0	0	0	0	0	1	3	5	11	1	0	2	3	7	1	0	1	0	0	0	3	12	7	4
	7	36	1012·3	+2·6	40·9	1·4	7·6	89	6·5	0	8	3	11	6	0	0	0	0	0	1	10	3	13	1	2	3	8	15	2	2	0	0	0	2	9	11	12
	13	36	1013·7	–	47·0	3·9	7·9	72	7·0	0	2	10	11	5	0	0	0	0	0	2	4	3	10	4	0	4	13	10	1	0	0	0	0	1	11	13	1
	18	36	1013·7	–	44·3	2·9	7·7	77	6·6	0	6	5	14	3	0	0	0	0	0	2	4	9	10	3	1	5	12	7	3	0	0	0	0	1	10	12	1
Mid Lothian — Edinburgh (Blackford Hill)	9	441	1014·2	–	41·9	2·3	7·3	80	6·2	2	4	7	10	5	0	0	0	0	1	2	18	0	1	0	0	3	16	9	0	0	0	0	0	2	12	12	1
	21	441	1015·6	–	42·8	2·5	7·3	79	7·1	4	1	4	8	11	–	–	–	–	–	–	–	0	0	0	1	5	14	8	0	0	0	0	0	2	8	16	2
Berwick — St. Abb's Head	1	312	1012·4	–	42·8	1·9	7·8	84	5·9	0	9	6	8	5	0	0	0	0	0	0	0	26	0	0	0	4	18	6	0	1	0	0	0	2	12	11	2
	7	312	1012·6	–	42·2	1·7	7·8	85	6·1	0	7	7	11	3	0	0	0	0	0	0	2	28	0	0	0	5	14	8	0	0	0	0	0	2	10	14	1
	13	312	1014·1	–	45·7	2·8	8·2	78	6·4	0	4	9	15	0	0	0	0	0	0	1	1	24	3	0	0	5	17	6	0	0	0	0	0	1	8	14	4
	18	312	1014·1	–	44·6	2·6	7·9	79	6·5	0	3	13	8	4	0	0	0	0	0	0	1	27	1	0	0	2	12	9	0	1	0	0	1	0	8	15	3
6a SCOTLAND, W.																																					
Argyll — Tiree	1	27	1013·1	–	44·5	1·6	8·7	87	7·4	0	6	3	3	6	13	0	0	0	0	0	0	5	13	10	0	2	5	13	7	1	3	0	0	0	4	9	7	4
	7	27	1013·4	+5·3	44·1	1·5	8·6	87	8·1	0	3	3	8	14	0	0	0	0	0	1	3	15	2	0	1	8	11	0	3	0	0	0	0	4	5	12	4
	13	27	1015·0	–	46·5	2·1	9·0	83	8·5	0	2	2	12	12	0	0	0	0	0	2	5	8	8	0	2	3	12	11	0	1	0	0	0	3	9	10	5
	18	27	1014·9	–	44·8	1·6	8·7	87	8·5	0	1	3	12	12	0	0	0	0	0	2	6	9	8	2	1	6	10	11	0	0	0	0	1	2	12	8	5
Bute — Rothesay	9	187	1015·9	+5·3	43·1	1·8	8·0	85	7·0	1	4	4	14	5	0	0	0	0	0	2	6	7	15	0	1	0	6	21	0	0	0	0	0	1	2	3	11
	21	187	1016·8	–	43·5	1·7	8·3	86	7·3	0	2	10	9	7	0	0	0	0	2	4	7	18	3	0	2	2	3	21	0	0	0	0	1	2	5	9	11
Renfrew — Renfrew (Abbotsinch)	1	24	1014·2	–	43·2	1·9	8·1	84	7·0	0	6	6	5	11	0	0	0	0	0	2	7	6	1	0	1	0	11	15	1	0	1	0	0	1	7	8	1
	7	24	1014·5	+4·2	42·5	1·7	8·0	85	7·8	0	3	3	13	9	0	0	0	0	1	4	12	10	1	0	0	1	7	18	2	1	0	0	0	3	14	8	1
	13	24	1016·0	–	46·1	2·6	8·6	80	8·3	0	0	4	18	6	0	0	0	0	0	2	8	2	16	3	0	2	15	10	1	0	0	0	0	1	13	11	2
	18	24	1016·2	–	44·6	2·3	8·3	81	8·5	0	0	2	18	8	0	0	0	0	1	2	8	7	10	0	2	13	13	0	0	0	0	0	0	4	12	11	1
Dumfries — Eskdalemuir ‡‡H	7	778	1015·7	+4·0	38·6	1·3	7·0	88	7·6	0	4	3	10	11	0	1	0	0	0	2	8	7	11	0	0	5	8	11	4	0	0	0	0	4	12	5	3
	13	778	1016·9	–	42·8	2·2	7·7	82	8·2	0	2	3	14	9	0	0	0	0	0	0	0	2	17	0	0	4	12	12	3	0	2	0	0	3	11	10	2
	18	778	1017·1	–	41·3	1·9	7·4	83	7·7	0	5	4	12	9	0	0	0	0	0	0	0	2	14	0	0	5	9	13	1	1	1	0	0	4	3	9	3
	21	778	1017·4	–	40·3	1·7	7·2	85	6·8	0	7	4	6	11	0	0	0	0	0	1	1	2	16	0	0	6	12	8	2	1	0	0	0	3	12	7	3
	h.*	778	1016·4	+4·5	40·5	1·7	7·3	85																													
6b ISLE OF MAN																																					
Isle of Man — Douglas .. H	9	286	1019·0	+6·9	42·2	2·1	8·3	83	6·5	0	2	8	17	1	0	0	0	3	0	1	15	8	1	0	0	6	18	4	0	1	1	0	0	0	4	16	6
Point of Ayre	1	31	1017·1	–	44·3	1·7	8·5	86	6·2	2	9	1	4	12	0	0	0	0	0	0	2	4	22	0	0	2	5	8	13	0	1	1	0	0	4	16	6
	7	31	1017·4	–	43·9	1·6	8·5	87	7·2	0	7	2	9	10	0	0	0	0	0	0	0	2	17	0	0	6	15	6	1	2	1	0	0	1	4	13	6
	13	31	1019·2	–	48·1	2·9	9·0	79	6·6	0	9	1	11	7	0	0	0	0	0	0	1	5	22	0	1	9	15	3	0	3	0	0	0	1	7	17	7
	18	31	1018·1	–	45·7	2·1	8·7	90	7·7	0	3	3	13	9	0	0	0	0	0	0	0	3	25	0	1	7	10	9	1	2	0	0	0	1	4	14	7

* Mean of hourly readings. † Pressure at Station Level. ‡ Mean pressure at Station Level is 970·5 mb.
‡‡ Mean pressures at Station Level are 986·5 mb. at 7 h., 987·9 mb. at 13 h. 988·1 mb. at 18 h., and 988·3 mb. at 21 h.

TABLE IV (*continued*)—Summary of Observations at fixed hours FEBRUARY, 1943

District, County and Place		Hour of Observation	Height of Barometer above Mean Sea Level	Mean Pressure: At Mean Sea Level	Mean Pressure: Difference from Average	Temperature and Humidity: Dry Bulb	Temperature and Humidity: Depression of Wet Bulb	Temperature and Humidity: Vapour Pressure	Temperature and Humidity: Relative Humidity	Cloud Amount: Mean Amount	Cloud Amount: No. of Observations: 0	1 to 3	4 to 6	7 to 9	10	Visibility: Number of Observations: Fog: 0	1	2	3	Mist Poor Vis. 4	Mist Mod. Vis. 5	Good Visibility 6	7	8	9	Wind, Number of Observations: Force (0-12): 8 or more	6 to 7	4 to 5	1 to 3	Calm	Direction: N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
		G.M.T.	ft	mb	mb	°F	°F	mb	%																												
2 ENGLAND, N.E.																																					
Northumberland	Cockle Park ..	9	331	–	–	42·4	1·9	7·7	83	5·7	0	11	3	9	5	0	0	0	0	0	0	5	0	22	1	1	2	8	17	0	1	0	0	0	1	4	19	3
		21	331			41·3	1·8	7·4	84	5·1	1	12	3	9	3	0	0	0	0	1	5	20	0	2	0	0	3	12	13	0	0	0	0	0	1	3	18	6
	Ouston	1	435	1015·6	–	40·6	1·6	7·5	86	5·9	3	6	5	6	8	0	0	0	0	0	1	9	12	6	0	0	5	8	14	1	1	0	0	0	2	8	15	1
		7	435	1015·8	–	39·8	1·6	7·3	86	6·0	1	9	4	8	6	0	0	0	0	0	0	7	9	12	0	0	5	10	12	1	0	0	0	0	3	7	15	2
		13	435	1017·1	–	44·8	3·0	7·8	76	7·5	0	5	1	19	3	0	0	0	0	0	0	2	4	22	0	0	5	14	9	0	1	0	0	0	1	7	18	1
		18	435	1017·3	–	42·4	1·8	7·9	84	6·5	0	10	2	8	8	0	0	0	0	0	0	3	11	12	0	0	8	7	13	0	1	0	0	0	1	7	19	0
		1	122	1015·5	–	42·7	2·2	7·6	81							0	0	0	0	2	1	16	9	0	0	3	3	5	17	0	0	1	0	0	2	3	20	2
	Tynemouth ..	7	122	1013·5	+2·5	41·7	1·9	7·5	83							0	0	0	0	2	5	13	8	0	0	3	2	9	14	0	1	0	0	0	2	4	17	4
		13	122	1017·1	–	46·6	3·2	8·2	76							0	0	0	0	3	0	11	14	0	0	2	3	13	10	0	2	0	0	0	0	5	17	4
		18	122	1017·1	–	45·1	2·7	8·0	78							0	0	0	0	2	0	22	4	0	0	3	2	10	13	0	1	0	0	0	0	5	19	3
Durham	Durham	9	352	1015·8	+3·7	42·1	2·4	7·2	79	5·8	2	7	6	8	5	0	0	0	0	3	5	9	11	0	0	0	0	1	6	22	0	0	0	1	0	3	11	9	4
		21	352	1017·5	–	41·7	2·0	7·4	82	4·7	5	8	5	7	3	0	0	0	0	0	1	11	16	0	0	0	1	6	15	6	0	0	0	0	3	6	10	3
		1	181	1016·9	–	41·8	2·1	7·5	83	4·4	5	8	5	8	2	0	0	0	1	3	0	4	12	8	0	0	2	5	18	3	0	0	0	0	4	10	6	5
Yorks., N. Riding	Catterick .. H	7	181	1017·3	–	40·3	1·9	7·1	83	6·0	1	6	7	10	4	0	1	1	0	1	0	7	6	11	1	0	2	5	19	2	0	0	0	2	4	10	7	3
		13	181	1018·5	–	47·3	4·0	7·8	70	6·8	0	3	8	13	4	0	0	0	1	0	1	5	7	12	4	0	0	10	18	0	2	0	0	0	2	6	13	5
		18	181	1018·9	–	44·4	2·8	7·8	78	6·7	0	5	7	12	4	0	0	0	0	2	0	5	13	8	0	0	0	4	24	0	0	0	0	0	3	8	13	4
		1	47	1017·4	–	39·8	1·4	7·4	87	4·7	9	3	4	5	7	0	0	0	1	2	0	7	8	5	0	0	1	5	19	3	1	0	0	2	5	6	7	4
	Linton-on-Ouse ..	7	47	1017·7	–	38·2	1·4	6·9	88	5·7	2	10	1	8	7	1	0	0	0	2	2	3	8	3	9	0	0	2	7	16	3	2	0	0	2	3	6	9	3
		13	47	1018·9	–	47·4	3·8	8·1	72	7·0	1	4	5	14	4	0	0	0	0	2	2	6	4	8	6	0	0	2	11	14	1	2	0	0	0	1	7	12	5
		18	47	1019·3	–	43·6	2·2	8·0	82	6·5	0	7	5	9	7	0	0	0	0	3	2	6	7	10	0	0	1	6	21	0	1	0	0	0	2	7	13	5
	Scarborough ..	9	96	1016·9	+4·4	43·0	2·8	7·2	76	4·2	2	13	3	9	1	0	0	0	0	0	5	13	10	0	0	0	1	6	21	0	0	0	0	0	4	8	14	2
		1	60	1015·9	–	40·5	1·9	7·2	83	4·3	8	6	4	2	8	0	0	0	0	0	2	8	12	6	0	0	0	3	9	16	0	1	0	0	0	13	9	5	0
	Thornaby	7	60	1016·0	–	40·3	2·2	6·9	81	5·6	3	8	3	8	6	0	0	0	1	0	2	8	4	13	0	0	0	2	10	16	0	0	0	0	0	12	9	5	2
		13	60	1017·2	–	48·1	4·8	7·4	64	6·5	1	5	6	12	4	0	0	0	0	1	1	9	3	13	1	0	0	3	16	9	0	0	0	0	0	4	12	8	4
		18	60	1017·6	–	44·9	3·2	7·7	74	6·1	0	7	8	8	5	0	0	0	0	0	2	5	6	15	0	0	0	4	5	19	0	1	0	0	0	4	16	7	0
	York	9	53	1018·7	+5·6	41·8	2·1	7·4	82	6·4	2	7	3	8	8	–	–	–	–	–	–	–	–	–	–	0	0	2	3	23	0	2	0	0	0	5	7	13	1
		1	70	1017·5	–	39·8	1·5	7·3	87	4·9	8	4	4	5	7	0	0	0	2	3	5	12	5	1	0	0	0	3	2	21	2	1	0	0	0	2	7	11	5
Yorks., E. Riding	Driffield	7	70	1017·7	–	38·0	1·6	6·7	85	4·8	5	8	5	2	8	0	2	0	1	3	6	6	8	2	0	0	0	2	9	14	3	2	0	0	0	2	6	11	4
		13	70	1018·7	–	46·5	3·9	7·6	71	6·5	1	4	9	7	7	0	0	0	2	3	3	6	6	8	0	0	0	4	16	8	0	1	0	0	0	2	11	8	6
		18	70	1019·2	–	44·1	2·7	7·7	78	6·0	0	7	6	10	5	0	0	0	0	4	2	7	8	7	0	0	0	3	5	18	2	1	0	0	0	1	7	15	2
		1	57	1018·4	–	41·1	1·8	7·4	84	3·9	11	4	3	6	4	0	0	0	0	1	1	12	7	0	0	2	3	15	8	0	0	0	0	0	3	13	9	3
	Spurn Head ..	7	57	1018·3	+6·0	40·6	1·9	7·1	83	4·7	6	4	8	7	3	0	1	0	0	2	2	8	8	15	0	1	6	12	9	0	1	0	0	0	2	11	11	3
		13	57	1019·4	–	45·4	3·3	7·6	73	6·5	3	2	6	11	6	0	0	0	0	2	2	10	11	0	0	2	6	13	7	0	1	0	0	0	2	7	12	6
		18	57	1019·8	–	44·1	2·6	7·8	79	6·1	3	5	5	9	6	0	0	0	0	0	3	14	11	0	0	1	5	12	10	0	0	0	0	0	4	7	14	3
		1	208	1018·8	–	39·5	1·2	7·4	89	4·6	9	6	0	6	7	0	0	1	2	4	4	12	5	0	0	0	4	8	16	0	0	0	0	0	4	7	14	3
Lincoln	Cranwell .. H	7	208	1019·4	–	38·9	1·1	7·3	90	5·7	2	10	2	7	7	1	1	0	0	3	4	14	5	0	0	0	4	12	12	0	1	0	0	0	1	10	13	2
		13	208	1020·5	–	46·5	3·5	8·0	74	6·7	1	7	2	13	5	0	0	0	0	2	3	15	7	1	0	0	0	8	18	2	0	0	0	0	1	7	12	7
		18	208	1020·9	–	43·0	2·2	7·8	82	6·5	5	6	3	8	6	0	0	0	1	3	2	15	7	0	0	0	4	10	14	0	1	0	0	0	1	11	10	5
3 ENGLAND, E.																																					
Norfolk	Cromer .. H	9	74	1020·4		39·7	0·8	7·7	92	5·6	4	0	12	9	3	0	0	2	0	0	1	6	25	0	0	0	0	1	9	18	0	1	0	0	0	9	7	6	5
		1	26	1019·7	–	40·7	1·3	7·7	89	4·5	11	2	3	5	7	0	0	0	0	1	6	11	10	0	0	0	0	2	7	18	1	2	0	0	0	2	8	10	5
	Yarmouth ..	7	26	1020·5	+6·6	39·6	1·7	7·0	85	6·5	2	6	3	9	8	0	0	0	1	0	1	9	12	0	0	0	1	2	5	20	0	1	0	0	0	1	13	6	7
		13	26	1020·3	–	46·5	1·9	8·4	78	6·7	3	5	2	8	10	0	0	0	1	0	2	8	17	0	0	0	1	3	9	15	1	4	0	0	0	3	3	9	8
		18	26	1021·1	–	44·6	2·7	7·9	79	7·3	3	2	3	8	12	0	0	0	0	0	1	10	10	0	0	0	1	6	20	1	3	0	0	0	3	9	6	5
		7	16	1021·0	–	39·7	1·3	7·5	88	7·0	3	3	4	5	13	0	1	2	0	0	1	7	10	2	0	0	0	1	7	14	2	1	0	0	0	3	9	8	5
Suffolk	Felixstowe Airfield	13	16	1020·0	–	47·1	3·2	8·3	75	7·0	3	1	6	10	8	0	0	0	2	2	4	6	10	4	0	0	0	5	13	8	2	2	0	0	0	3	8	9	4
		18	16	1022·4	–	44·1	2·5	7·8	79	6·9	0	8	3	9	8	0	0	0	0	3	9	7	8	1	0	0	0	2	11	14	1	1	0	0	1	5	7	11	2
		1	405	1020·9	–	39·3	1·0	7·6	91	4·9	8	6	1	5	8	0	1	2	0	3	5	13	4	0	0	0	2	9	16	1	1	0	0	0	4	10	9	3
	Stradishall ..	7	405	1020·0	–	37·7	0·6	7·3	94	7·1	2	4	4	6	12	2	1	1	1	2	5	9	5	2	0	0	3	7	18	0	1	0	0	0	5	8	11	3
		13	405	1021·9	–	45·2	2·5	8·3	81	8·2	0	1	3	15	9	0	0	0	1	2	3	13	6	3	0	0	2	14	12	0	0	0	1	3	5	13	3	1
		18	405	1022·5	–	42·5	1·4	8·2	88	7·1	0	6	5	5	12	0	0	0	1	3	4	9	5	4	0	0	2	11	15	0	0	0	0	3	10	12	1	1
		1	40	1020·3	–	39·7	1·4	7·4	88	4·9	7	7	2	5	7	0	0	0	2	3	4	8	7	4	0	0	2	8	18	0	0	0	0	4	17	6	1	2
	Mildenhall H	7	40	1020·4	–	38·2	1·1	7·1	90	5·9	2	9	2	3	12	0	1	0	0	3	2	7	6	3	0	0	3	5	19	1	1	0	0	0	5	12	7	2
		13	40	1021·5	–	47·0	3·6	8·1	73	7·8	0	4	2	12	10	0	0	0	1	3	2	7	9	5	0	0	3	15	10	0	2	0	0	0	2	9	11	4
		18	40	1021·9	–	43·3	2·1	7·9	83	4·4	1	8	2	9	8	0	0	0	1	4	4	8	7	4	0	0	0	7	20	1	0	0	0	0	3	11	10	3
Cambridge	Cambridge .. H	9	43	1021·9	+7·5	40·7	2·4	6·9	79	6·3	2	7	2	9	8	–	–	–	–	–	–	–	–	–	–	0	0	2	6	19	3	0	0	0	0	4	8	8	5
		21	43	1022·5	–	40·0	1·6	7·3	86	4·6	13	1	1	4	9	–	–	–	–	–	–	–	–	–	–	0	0	5	20	3	0	0	0	1	1	7	5	11
		1	519	1021·5	–	38·7	1·2	7·2	89	5·9	4	5	4	6	9	0	0	0	1	1	3	16	7	0	0	0	5	6	14	3	0	0	0	0	4	13	8	0
Bedford	Dunstable H	7	519	1021·5	–	37·9	1·0	7·1	91	7·0	3	2	6	6	11	0	0	0	1	2	0	4	5	0	0	0	2	9	16	1	1	0	0	0	6	12	7	1
		13	519	1022·5	–	44·9	3·0	7·8	77	8·3	0	2	4	11	11	0	0	0	0	2	0	4	10	2	10	0	0	3	17	7	1	2	0	0	0	1	8	11	5
		18	519	1023·1	–	41·8	2·1	7·4	81	6·1	3	5	5	7	8	0	0	0	0	2	3	16	5	2	0	0	0	3	7	17	1	3	0	0	0	1	11	11	1
Hertford	Rothamsted ..	9	396	1022·0	+7·4	40·0	1·5	7·3	87	5·4	4	3	3	14	4	0	0	2	1	2	6	17	0	0	0	0	0	3	23	2	2	0	0	0	3	6	11	4
		7	12	1021·9	–	40·0	1·4	7·4	87	7·3	2	4	4	5	13	0	1	0	0	7	4	12	1	0	0	0	1	8	16	3	2	0	0	0	2	7	9	5	4
Essex	Shoeburyness H	13	12	1022·7	–	47·5	3·7	8·2	73	7·1	2	4	3	8	11	0	0	0	0	4	3	11	4	3	0	0	0	8	18	2	3	0	0	0	2	8	9	4	7
		18	12	1023·5	–	44·3	2·3	8·1	82	7·3	1	4	5	7	11	0	0	1	1	2	12	7	4	1	0	0	0	6	20	2	3	0	0	0	1	8	7	7
4 MIDLAND COUNTIES																																					
		1	55																																		
Yorks., W.R.	Finningley ..	7	55																																		
		13	55																																		
		18	55																																		
	Harrogate ..	9	478	1017·8	+4·8	42·4	2·4	7·3	79	6·5	1	8	1	13	5	0	0	1	0	0	2	5	9	1	0	0	1	1	9	17	0	2	0	0	0	2	6	16	2
Nottingham	Nottingham ..	9	215	1020·0	+6·2	40·8	1·9	7·2	83	6·1	3	6	2	9	8	1	0	1	0	0	2	10	7	3	0	0	0	1	3	25	0	1	0	0	0	2	0	3	23	1
		7	542	1020·9	+6·0	40·3	1·4	7·5	88	7·4	4	2	0	11	11	0	1	0	0	0	2	7	7	4	0	0	0	1	5	22	0	1	1	0	0	3	13	6	4
Warwick	Birmingham H	13	542	1022·0	–	45·0	2·9	7·9	77	7·5	1	1	7	13	6	0	0	0	0	0	2	2	8	3	0	0	0	0	12	16	0	2	0	0	0	3	7	10	6
		18	542	1022·4	–	44·1	2·6	7·9	79	6·1	3	6	3	9	7	0	0	0	1	0	2	2	10	6	0	0	0	3	9	18	0	1	0	0	0	3	8	9	7
		1	431	1021·3	–	40·0	1·2	7·5	89	6·4	4	4	5	2	7	0	0	0	1	0	5	3	8	3	0	0	0	2	8	20	0	1	0	0	0	4	11	6	6
	Honiley	7	431	1021·5	–	39·5	1·1	7·5	90	7·5	3	3	1	9	12	0	0	1	1	0	3	6	9	5	2	0	0	1	8	18	0	1	0	0	0	4	13	6	3
		13	431	1023·0	–	45·4	3·0	7·9	77	8·0	0	2	4	14	8	0	0	0	1	1	3	12	4	5	5	0	0	1	11	15	1	2	0	0	0	1	6	11	7
		18	431	1023·1	–	43·7	2·6	7·7	79	6·0	2	9	1	10	6	0	0	0	1	1	4	6	4	7	6	0	0	2	9	13	4	1	0	0	0	2	6	9	5

TABLE IV (*continued*)—Summary of Observations at fixed hours FEBRUARY, 1943

DISTRICT, COUNTY AND PLACE		Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE		TEMPERATURE AND HUMIDITY				CLOUD AMOUNT						VISIBILITY											WIND, NUMBER OF OBSERVATIONS										
											NO. OF OBSERVATIONS					NUMBER OF OBSERVATIONS											FORCE (0-12)					DIRECTION							
																FOG				MIST	POOR VIS.	MOD. VIS.	GOOD VISIBILITY															
		G.M.T.	ft	mb	mb	°F	°F	mb	%		0	1 to 3	4 to 6	7 to 9	10	0	1	2	3	4	5	6	7	8	9	8 or more	6 to 7	4 to 5	1 to 3	Calm	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
4 MIDLAND COUNTIES—*cont.*																																				
Oxford	Oxford	9	212	1022·8	+7·7	41·1	1·8	7·4	84	6·7	4	4	3	3	14	0	1	1	2	4	2	9	7	2	0	0	1	6	20	1	1	1	0	0	4	13	6	2
		1	243	1021·2	–	39·0	1·0	7·4	92	6·1	3	8	1	6	10	0	1	1	1	4	3	8	9	1	0	0	2	4	20	2	1	0	0	1	2	12	6	4
	Upper Heyford ..	7	243	1021·4	–	38·7	1·0	7·4	93	7·5	3	3	1	9	12	0	2	1	1	3	1	7	9	4	0	0	3	6	16	3	2	0	0	0	2	8	10	3
		13	243	1022·5	–	45·8	3·2	8·0	77	7·7	0	3	3	17	5	0	0	0	0	0	4	9	5	10	0	0	1	11	16	0	3	1	0	0	1	8	8	7
		18	243	1022·9	–	42·6	2·1	7·7	84	6·5	0	6	6	11	5	0	0	0	0	1	6	5	6	9	1	0	1	6	19	2	3	0	0	0	2	9	8	4
Shropshire	Shrewsbury H	9	186	1020·9	–	43·3	2·3	7·8	81	6·9	1	8	1	7	11	0	0	0	2	1	1	4	9	11	0	0	4	9	15	0	2	0	0	4	3	6	10	3
		1	295	1019·9	–	40·8	0·9	8·1	93							0	0	0	1	3	2	5	10	7	0	0	2	4	19	3	1	0	0	1	5	4	8	6
		7	295	1020·5	–	40·3	0·9	7·9	92							0	1	1	0	1	3	5	10	7	0	0	2	4	22	0	2	1	0	1	6	6	4	8
	Tern Hill	13	295	1021·7	–	46·9	2·7	8·7	80	7·5	0	4	3	14	7	0	0	0	0	1	2	3	7	10	5	0	1	6	21	0	2	0	0	0	4	5	8	9
		18	295	1022·3	–	44·9	1·8	8·8	85							0	0	0	0	1	0	6	3	16	2	0	1	6	21	0	3	0	0	0	3	6	10	6
		7	226	1021·7	+7·8	41·4	2·0	7·4	83	6·9	0	7	3	8	10	0	1	0	0	0	1	7	5	14	0	0	0	5	23	0	1	0	0	1	2	16	7	1
Hereford	Ross-on-Wye H	13	226	1022·8	–	47·5	4·0	7·9	70	7·0	0	6	5	10	7	0	0	0	0	0	0	8	4	16	0	0	1	9	18	0	7	1	0	0	0	10	8	3
		18	226	1023·2	–	45·1	3·3	7·6	74	5·4	1	11	1	11	4	0	0	0	0	1	2	2	4	19	0	0	0	6	22	0	3	1	0	0	4	6	13	1
		9	230	1023·0	+8·8	43·7	2·0	8·1	84	7·9	0	2	5	12	9	0	0	0	1	1	4	7	3	12	0	0	0	0	26	2	1	1	0	0	4	6	9	5
Gloucester	Cheltenham H	21	230	1024·8	–	43·9	1·5	8·5	88	6·6	1	1	13	7	6	0	0	0	0	0	0	6	22	0	0	0	0	0	28	0	1	1	0	1	2	5	13	5
5 ENGLAND, S.E.																																				
		9	152	1022·6	+7·4	41·2	2·1	7·3	83	6·8	4	4	1	8	11	0	1	4	4	6	8	5	0	0	0	0	2	10	10	6	1	1	0	0	2	9	7	2
London	Greenwich .. H	15	152	1022·7	–	46·8	3·9	7·7	71	7·6	0	2	7	9	10	–	–	–	–	–	–	–	–	–	–	1	0	1	15	10	2	4	0	0	0	2	8	7	5
		21	152	1023·9	–	42·1	2·2	7·5	81	5·5	9	3	1	2	13	–	–	–	–	–	–	–	–	–	–	1	0	1	11	12	4	1	1	0	0	1	8	9	4
		h.*	152	1022·6	+7·6	42·4																																
		7	34	1022·4	+7·5	39·4	1·3	7·3	89	8·0	1	3	4	6	14	0	2	0	3	2	5	14	2	0	0	0	0	7	18	3	2	0	0	0	3	12	6	2
		13	34	1023·2	–	46·6	3·9	7·7	71	8·7	0	1	2	14	11	0	0	1	0	2	3	17	3	2	0	0	0	0	10	17	1	2	1	0	0	8	11	5
	Kew Obs'y. H	18	34	1023·8	–	45·1	3·0	7·7	76	6·6	0	8	3	10	7	0	0	1	0	5	13	9	0	0	0	0	0	4	23	1	3	0	0	0	2	8	6	8
		21	34	1024·3	–	42·5	2·0	7·7	83	5·2	10	3	2	4	9	0	0	1	3	4	5	12	2	1	0	0	0	5	19	4	0	1	0	0	2	9	10	2
		h.*	34	1023·1	+8·1	42·7	2·3	7·5	81																													
		9	66	–	–	41·9	2·0	7·5	83	6·8	2	1	8	12	5	–	–	–	–	–	–	–	–	–	–	1	0	1	4	23	0	2	2	0	0	0	5	10	9
	Kensington.. ..	15	66	–	–	47·5	3·8	8·0	72	7·1	0	3	8	12	5	–	–	–	–	–	–	–	–	–	–	1	0	0	6	22	0	1	0	0	0	0	5	11	11
		18	66	–	–	45·8	3·4	7·7	73	5·9	1	10	3	4	10	–	–	–	–	–	–	–	–	–	–	1	0	2	1	25	0	2	0	0	0	0	6	7	13
		1	225	1022·6	–	40·6	1·1	7·8	90	5·2	8	5	1	8	6	0	0	2	3	6	7	7	3	0	0	0	2	8	13	5	1	0	0	0	4	8	9	1
		7	225	1022·7	–	39·1	0·7	7·7	93	7·3	2	5	1	7	13	0	1	2	1	6	5	11	2	0	0	0	1	6	16	5	0	0	0	1	5	8	6	3
Surrey	Croydon .. H	13	225	1023·7	–	46·8	2·8	8·6	79	8·1	0	2	2	14	10	0	1	0	0	2	3	16	4	2	0	0	0	9	17	2	1	1	0	0	1	7	12	4
		18	225	1024·0	–	45·0	2·1	8·5	83	6·8	2	4	5	8	9	0	1	1	2	6	10	8	0	0	0	0	0	8	16	4	2	0	0	0	3	7	9	3
	Wisley	9	85	1023·1	–	41·3	2·1	7·3	83	6·9	3	4	4	3	14	0	0	1	3	2	3	10	9	0	0	0	0	2	20	6	1	0	0	1	0	13	6	1
		7	—	–	–	39·4	1·0	7·5	91	6·7	2	6	1	10	9	2	1	0	0	3	2	7	13	0	0	0	0	2	4	6	16	0	4	0	0	1	1	5	10	7
Kent	Dungeness ..	13	—	–	–	47·2	3·1	8·5	77	6·3	1	5	8	9	5	1	0	0	0	2	3	7	15	0	0	0	0	1	6	7	14	0	5	1	1	0	2	10	6	3
		18	—	–	–	44·3	0·6	8·7	87	6·4	1	7	6	5	9	1	0	0	0	3	3	10	9	2	0	0	0	5	8	13	2	3	2	0	0	0	9	10	2
		1	345	1022·6	–	39·5	1·3	7·4	89	4·6	0	0	5	4	1	1	0	0	0	1	5	8	11	0	0	0	0	1	7	19	1	1	0	0	1	0	8	12	5
		7	345	1022·6	+7·4	37·9	0·8	7·3	93	6·0	0	8	2	7	11	0	4	0	1	3	3	8	9	0	0	0	0	1	5	22	0	1	0	0	0	1	5	13	7
	Lympne .. H	13	345	1023·5	–	45·7	2·7	8·3	79	7·7	1	2	4	10	11	0	0	0	0	3	3	8	9	8	0	0	0	2	6	19	1	3	0	0	0	1	2	6	11	4
		18	345	1024·0	–	42·1	1·5	8·0	87	6·7	1	1	5	4	8	10	0	1	0	2	7	9	5	4	0	0	0	1	5	19	3	3	1	0	0	0	2	6	12	1
		1	156	1021·9	–	40·3	1·2	7·8	90	5·5	7	5	2	6	8	1	1	1	2	4	2	12	5	4	0	0	0	2	6	18	2	1	0	0	0	3	8	9	5
	Manston .. H	7	156	1022·0	–	39·3	1·0	7·5	91	6·5	3	6	2	8	9	0	3	1	2	1	3	12	6	0	0	0	0	4	7	15	2	3	0	0	0	2	7	9	5
		13	156	1023·0	–	46·2	2·9	8·4	78	7·1	2	3	4	9	10	0	0	0	0	3	4	8	9	0	0	0	0	2	10	14	2	4	0	0	0	0	7	8	7
		18	156	1023·3	–	43·1	1·7	8·2	86	7·3	0	5	4	12	7	0	0	1	0	4	5	8	2	4	0	0	0	1	7	18	2	2	0	0	1	0	3	9	8	3
	Tunbridge Wells ..	9	407	1023·8	+8·1	39·4	0·7	7·7	93	6·7	6	2	1	6	13	0	1	1	1	2	4	10	4	5	0	0	0	2	9	17	0	2	0	0	1	1	8	9	7
Sussex	Hastings .. H	9	154	1022·8	+7·3	41·9	1·7	7·6	84	6·2	5	5	1	6	11	0	1	0	1	1	4	10	3	5	0	0	0	3	5	18	2	3	3	0	1	1	6	3	6
		1	10	1022·9	–	40·9	1·6	7·4	86	5·0	9	4	3	3	9	1	0	0	0	2	1	18	6	0	0	0	0	3	5	13	7	0	0	0	1	0	5	9	6
	Thorney Is. ..	7	10	1022·9	–	39·7	1·1	7·5	90	6·2	1	9	3	6	9	0	0	1	0	3	2	11	9	2	0	0	0	3	7	11	7	4	0	1	0	0	4	7	5
		13	10	1024·1	–	48·2	4·0	8·1	70	6·9	1	5	3	11	8	0	0	0	0	2	0	9	12	5	0	0	0	2	11	11	4	2	1	1	0	1	6	10	3
		18	10	1024·5	–	45·2	2·7	8·1	79	6·5	0	8	2	10	8	0	0	0	0	2	2	14	9	1	0	0	0	1	4	22	1	3	0	2	0	0	5	11	6
Hampshire	Southampton ..	9	84	1024·1	–	45·2	2·7	8·1	79	6·2	6	3	3	5	11	0	0	0	2	4	3	9	5	5	0	0	0	2	6	17	3	4	1	1	0	1	6	6	6
		21	84	1024·8	–	43·2	1·9	7·9	83	5·0	10	3	2	5	8	0	0	0	0	3	3	16	5	1	0	0	0	2	2	16	8	2	0	0	0	0	2	3	8	5
		1	231	1025·3	–	38·9	1·3	7·2	89	5·4	8	3	3	8	6	0	1	0	1	6	2	8	5	5	0	0	0	2	11	10	5	0	0	0	0	0	2	6	12	3
	S. Farnborough H	7	231	1022·6	+7·9	37·7	1·2	7·1	88	7·3	3	3	1	11	10	0	0	2	1	5	1	6	6	7	0	0	0	1	10	13	4	1	0	0	0	0	3	6	12	2
		13	231	1023·7	–	47·0	3·6	8·0	73	8·1	0	2	3	13	10	0	0	0	0	2	2	6	4	14	0	0	0	1	14	12	1	4	0	0	0	1	1	6	13	2
		18	231	1024·0	–	44·5	2·4	8·1	80	6·2	0	9	4	7	8	0	0	0	0	1	2	10	4	11	0	0	0	1	9	19	0	1	0	1	0	2	6	15	3
I. of Wight	Ventnor (Hosp.)	9	80	–	–	44·9	2·1	8·5	84	5·7	3	9	2	6	8	–	–	–	–	–	–	–	–	–	–	1	0	0	11	17	0	8	1	2	0	0	0	12	5
		15	80	–	–	48·3	3·3	8·7	75	6·4	1	6	5	9	7	–	–	–	–	–	–	–	–	–	–	1	0	0	9	19	0	7	1	1	0	0	1	13	5
Wiltshire	Amesbury H	1	420	1022·8	–	39·9	1·1	7·6	90	5·7	8	2	2	7	9	0	1	0	0	1	5	13	5	3	0	0	0	3	5	14	6	1	0	1	0	1	5	8	2
	(Boscombe Down)	7	420	1023·1	–	39·1	0·9	7·6	92	6·9	2	4	4	9	9	0	1	0	0	1	3	13	5	5	0	0	0	2	7	13	6	3	0	1	0	0	5	5	5	4
		13	420	1024·1	–	46·6	3·0	8·4	77	8·1	0	0	7	13	8	0	0	0	0	1	3	3	9	15	0	0	0	3	11	11	3	5	0	1	0	1	6	8	4
		18	420	1024·6	–	43·5	1·9	8·2	83	6·0	0	11	3	7	7	0	0	0	0	0	1	13	9	5	0	0	0	0	8	16	4	2	1	0	1	2	3	11	4
		9	444	1023·9	–	40·7	1·3	7·7	89	6·1	2	10	0	6	10	0	0	0	0	3	3	9	7	6	0	0	0	2	9	11	6	1	0	1	0	1	6	10	3
	Larkhill .. H	13	444	1023·9	–	46·4	3·3	8·1	75	7·4	0	3	6	13	6	0	0	0	0	1	5	10	12	0	0	0	0	2	13	11	2	1	1	0	1	5	10	4	6
		15	444	1023·8	–	46·4	3·3	8·1	75	7·6	0	3	5	12	8	0	0	0	0	0	2	2	10	14	0	0	0	3	10	10	5	4	0	0	0	1	2	10	6
7a ENGLAND, N.W.																																				
Lancashire	Hutton	9	86	1020·1	+7·5	43·3	1·4	8·4	88	7·5	0	3	4	21	0	–	–	–	–	–	–	–	–	–	–	0	3	1	23	1	0	1	0	1	2	15	4	4
	Manchester (Whitworth Pk.)	9	127	1019·8	+6·7	42·1	1·8	7·7	85	8·3	0	0	7	7	14	–	–	–	–	–	–	–	–	–	–	0	0	5	21	2	2	0	0	0	2	6	8	8
		21	127	1021·1	–	44·1	2·2	8·1	82	7·3	1	1	7	8	11	–	–	–	–	–	–	–	–	–	–	0	4	4	17	3	0	0	0	0	2	7	8	8
	Southport †H	9	37	1020·3	+7·0	43·5	1·8	8·2	85	8·0	0	5	2	5	16	0	0	0	0	5	2	5	13	3	0	0	0	5	12	10	1	2	0	0	0	4	6	10	5
	(Bedford Rd. Park)	15	37	1020·6	–	46·4	3·0	8·3	76	7·0	0	7	5	3	13	0	0	0	2	1	5	16	4	0	0	0	0	5	17	6	0	0	0	0	0	1	7	15	5
		21	37	1021·1	–	44·0	1·8	8·5	85	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0	3	13	11	1	0	0	0	0	0	5	6	10	6
	Stonyhurst ..	9	381	1019·8	+6·4	41·7	1·5	7·8	86	8·4	1	0	3	8	16	0	2	0	2	1	1	15	5	2	0	0	0	2	8	17	1	3	0	0	0	1	9	12	2
		21	381	1020·8	–	42·3	1·7	7·9	86	7·7	2	4	0	7	15	–	–	–	–	–	–	–	–	–	–	0	3	8	15	2	0	0	0	0	1	2	8	14	1
Cheshire	Bidston Obs'y. ..	9	202	1020·3	+7·2	43·6	1·9	8·2	85	8·5	0	1	2	14	11	0	0	0	0	3	10	6	8	1	0	0	1	4	10	12	1	2	0	0	0	1	1	6	11	6
		1	261	1019·2	–	41·3	1·2	8·0	89	7·0	3	5	0	7	13	0	0	1	1	1	4	11	6	4	0	0	0	3	6	19	0	0	0	0	0	2	13	4	8	1
	Manchester H (Ringway)	7	261	1019·6	–	40·3	1·1	7·7	90	7·7	1	5	1	6	15	0	1	0	1	3	1	15	4	3	0	0	0	1	7	20	0	0	1	0	0	1	13	4	9	0
		13	261	1021·1	–	45·5	2·5	8·4	81	8·3	0	2	3	12	11	0	0	1	0	0	1	11	10	5	0	0	0	1	16	11	0	1	0	0	0	6	8	11	2
		18	261	1021·2	–	44·3	2·1	8·3	83	7·7	0	4	4	9	11	0	0	0	0	3	3	14	7	1	0	0	0	0	14	14	0	0	1	0	0	7	9	10	1
7b NORTH WALES																																				
Flint	Sealand .. H	1	19	1019·2	–	42·6	2·1	7·7	82	7·0	2	5	4	4	13	0	0	0	0	0	4	8	12	4	0	0	2	3	18	5	1	0	0	0	5	1	11	5
		7	19	1019·6	–	42·5	2·1	7·6	82	7·3	0	6	2	10	10	0	0	0	0	0	2	14	9	3	0	0	0	5	18	5	2	0	0	0	4	3	10	4
		13	19	1021·3	–	48·2	4·0	8·2	71	7·9	0	2	4	17	5	0	0	0	0	0	2	3	5	18	0	0	2	7	17	2	1	1	0	0	3	3	12	6
		18	19	1021·5	–	46·1	3·0	8·1	76	7·4	0	5	3	10	10	0	0	0	0	0	2	4	5	17	0	1	4	20	3	1	0	0	0	1	3	9	11	

†Visibility at Hesketh Park (at 9h. and 15h.); wind at Marshside. * Mean of hourly readings.

TABLE IV (*continued*)—Summary of Observations at fixed hours FEBRUARY, 1943

DISTRICT, COUNTY AND PLACE			Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE		TEMPERATURE AND HUMIDITY				CLOUD AMOUNT						VISIBILITY									WIND, NUMBER OF OBSERVATIONS								
												NO. OF OBSERVATIONS					NUMBER OF OBSERVATIONS									FORCE (0-12)					DIRECTION				
																	FOG				MIST	POOR VIS.	MOD. VIS.	GOOD VISIBILITY										
					At Mean Sea Level	Difference from Average	Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	Mean Amount	0	1 to 3	4 to 6	7 to 9	10	0	1	2	3	4	5	6	7	8	9	8 or more	6 to 7	4 to 5	1 to 3	Calm	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
			G.M.T.	ft	mb	mb	°F	°F	mb	%																									
7b NORTH WALES—*cont.*																																			
Anglesey	Holyhead	H	1	34	1021·2	–	45·1	1·9	8·7	85	7·0	2	4	4	4	14	0	0	0	0	0	1	5	6	16	0	2	3	13	8	2	0	0	0	0	8	7	7	4
			7	34	1020·2	+8·3	44·7	2·0	8·5	84	7·1	0	8	1	7	12	0	0	0	0	0	1	4	55	18	0	1	8	7	10	2	0	1	0	0	4	8	8	5
	(Valley)		13	34	1026·9	–	47·8	2·8	8·9	79	7·3	0	5	4	10	9	0	0	0	0	0	0	2	3	22	1	2	4	11	11	0	1	1	0	0	4	8	8	6
			18	34	1021·7	–	46·1	2·4	8·7	82	8·1	0	3	1	17	7	0	0	0	0	0	0	4	2	21	1	2	5	10	8	3	0	0	0	0	4	9	8	4
Carnarvon	Llandudno	..	9	33	1020·7	–	45·8	2·4	8·5	81	7·4	0	4	4	15	5	0	0	0	0	1	0	4	6	17	0	0	2	9	17	0	1	0	0	0	3	17	6	1
8a SOUTH WALES.																																			
Cardigan	Aberporth	.. ..	7	379	1022·3	–	43·2	1·8	8·2	85	7·0	0	7	3	6	12	0	0	0	1	2	0	3	9	11	2	0	2	15	11	0	2	1	0	0	3	8	8	6
			13	379	1023·9	–	46·7	2·5	8·8	80	7·6	0	3	4	14	7	0	0	0	0	0	1	2	2	16	7	0	2	17	9	0	2	0	1	0	3	6	10	6
			18	379	1024·0	–	44·4	2·0	8·4	84	7·5	0	4	3	12	9	0	0	0	0	0	0	3	2	20	3	0	3	8	16	1	3	1	0	0	2	7	12	2
Pembroke	St. Ann's Head	.. ..	1	152	1022·1	–	46·2	1·2	9·7	91	7·4	1	3	5	11	8	0	0	0	0	0	1	1	9	17	0	1	6	10	11	0	1	1	1	1	1	8	8	7
			7	152	1022·5	+9·5	46·4	1·5	9·5	88	7·3	0	5	5	11	7	0	0	0	0	0	0	0	10	18	0	0	13	4	11	0	4	0	0	0	2	7	9	6
			13	152		–	48·0	2·0	9·7	85	7·6	0	3	5	14	6	0	0	0	1	0	0	2	3	22	0	0	12	6	9	1	3	0	0	1	2	5	10	6
			18	152	1024·3	–	46·7	1·6	9·6	89	7·4	0	2	7	13	6	0	0	0	0	0	0	1	6	21	0	2	8	7	11	0	3	1	0	1	2	5	9	7
Radnor	Rhayader	.. ..	9	—	–	–	42·0	1·6	7·9	87	8·9	0	0	2	11	15	0	0	1	0	0	0	2	15	10	0	0	0	2	26	0	0	1	1	0	0	8	10	8
Glamorgan	Cardiff	.. ..	9	203	1023·5	+8·5	43·5	1·8	8·2	85	8·0	0	5	1	5	17	0	0	0	0	3	4	16	4	1	0	0	0	1	27	0	1	1	0	0	4	19	2	1
			1	147	1022·6	–	42·3	1·3	8·2	89	6·0	4	5	7	1	11	0	0	0	0	3	2	12	11	0	0	0	2	8	12	6	1	1	0	0	2	2	12	4
	St. Athan	..	7	147	1023·1	–	42·6	1·6	8·3	88	7·5	1	6	2	6	13	1	0	0	0	3	2	16	5	1	0	0	1	10	11	6	1	0	0	0	1	4	11	5
			13	147	1024·5	–	47·1	2·9	8·6	78	7·9	0	3	5	10	10	0	1	0	0	1	4	3	15	4	0	0	2	13	12	1	1	1	0	0	1	4	13	6
			18	147	1024·7	–	45·0	2·1	8·6	83	6·6	1	7	4	9	8	0	0	0	0	1	3	10	9	5	0	0	2	8	15	3	1	0	0	1	1	4	12	6
8b ENGLAND, S.W.																																			
Somerset	Bath	.. ..	9	113	1023·3	+8·6	42·8	2·1	7·7	82	6·7	5	2	4	2	15	0	0	0	0	0	6	8	6	8	0	0	0	7	20	1	1	3	0	0	1	7	9	6
			1	236	1022·6	–	41·3	1·4	7·8	88	6·0	4	5	5	4	10	0	0	0	1	3	3	13	7	1	0	0	2	7	12	7	1	0	0	0	1	10	7	2
	Bristol		7	236	1023·2	–	41·2	1·4	7·8	89	8·0	1	3	1	8	15	0	1	0	0	0	2	19	6	0	0	0	0	8	18	2	1	1	1	1	5	6	9	2
	(Airport)	H	13	236	1024·4	–	46·8	2·6	8·7	79	8·0	0	3	5	10	10	0	0	0	0	1	1	14	11	1	0	0	1	14	12	1	1	1	0	0	1	5	14	5
			18	236	1024·5	–	44·2	1·9	8·3	84	6·6	1	7	4	8	8	0	0	0	0	4	0	18	6	0	0	0	1	7	16	4	1	1	0	0	4	4	11	3
Dorset	Holton Heath	H	9	58	1024·4	–	42·5	1·7	8·0	85	6·0	1	9	3	5	10	0	0	0	0	2	1	9	16	0	0	0	0	7	18	3	7	1	0	1	0	3	8	5
			15	58	1024·3	–	48·8	3·9	8·5	72	6·5	0	4	10	6	8	0	0	0	0	0	3	2	23	0	0	0	0	9	18	1	6	2	0	2	1	2	8	6
			1	37	1023·0	–	45·4	1·3	9·3	91	7·9	2	2	6	1	17	0	0	0	0	0	0	0	16	12	0	0	4	11	13	0	3	0	1	1	0	9	9	5
	Portland Bill	..	7	37	1023·0	+9·0	45·1	1·2	9·3	91	8·3	0	0	6	8	14	0	0	0	0	0	0	0	15	13	0	0	1	14	13	0	3	2	3	1	2	7	7	2
			13	37	1024·6	–	47·9	1·6	10·0	88	8·9	0	0	2	9	17	0	0	0	0	0	0	0	10	18	0	0	3	12	13	0	2	2	3	0	2	7	9	3
			18	37	1024·3	–	47·0	1·4	9·3	84	8·7	0	0	3	11	14	0	0	0	0	0	0	0	15	13	0	0	1	14	13	0	3	0	1	1	1	5	11	6
			1	305	1022·9	–	44·9	1·8	8·7	86	6·7	3	4	4	10	7	0	0	0	1	1	0	3	5	18	0	0	3	10	15	0	4	1	0	1	3	3	7	9
Devon	Hartland Pt.	..	7	305	1022·8	–	44·7	1·6	8·8	87	7·7	0	3	5	11	9	0	0	0	0	1	0	3	8	16	0	0	3	12	13	0	3	0	0	1	3	4	7	10
			13	305	1024·5	–	46·5	2·0	9·1	85	7·3	1	2	6	13	6	0	1	0	0	0	0	3	7	17	0	0	2	12	14	0	5	2	0	0	1	4	7	9
			18	305	1024·4	–	46·1	2·1	8·9	84	6·7	2	3	7	12	4	0	0	0	0	0	0	5	8	15	0	0	1	13	14	0	5	1	1	0	2	3	7	9
			1	27	1024·3	–	43·3	1·4	8·6	89	6·5	2	8	0	8	10	0	0	0	0	1	5	10	7	5	0	3	2	8	10	5	1	1	3	1	0	3	9	5
	Plymouth	H	7	27	1024·5	+10·2	42·6	1·4	8·3	89	6·6	0	8	4	5	11	0	0	0	0	3	4	10	7	4	0	0	4	8	12	4	2	1	4	1	0	4	6	6
	(Mount Batten)	..	13	27	1025·9	–	48·7	2·9	9·3	79	7·8	1	1	4	13	9	0	0	0	0	0	0	8	5	14	0	0	2	11	15	0	3	5	1	1	1	2	8	7
			18	27	1026·0	–	46·8	2·5	8·9	81	6·0	2	8	3	8	7	0	0	0	0	1	4	13	9	1	0	0	3	7	18	0	6	0	2	2	2	2	7	7
			1	240	1024·6	–	45·7	1·7	9·1	86	7·2	2	0	8	7	11	0	0	0	0	0	1	1	8	18	0	1	9	6	12	0	4	3	2	0	2	2	9	6
Cornwall	The Lizard	..	7	240	1024·5	–	45·3	1·5	9·1	88	7·1	1	1	8	9	9	0	0	0	0	0	0	1	16	9	0	0	5	13	10	0	3	3	1	1	2	4	6	7
			13	240	1026·5	–	49·4	2·8	9·6	80	7·7	0	0	10	9	9	0	0	0	0	0	0	1	7	20	0	1	9	8	10	0	3	3	3	0	1	5	7	6
			18	240	1026·2	–	47·1	2·3	9·1	81	7·2	0	1	10	10	7	0	0	0	0	0	0	1	6	21	0	0	8	7	13	0	4	2	3	2	0	4	6	7
	Newquay	..	9	185	1024·2	+9·9	45·4	1·9	8·8	85	9·0	0	1	2	6	19	0	0	2	0	0	0	6	7	7	6	0	5	12	11	0	8	3	3	2	2	2	5	3
NORTHERN IRELAND																																			
Antrim	Aldergrove	H	1	271	1017·8	–	42·2	1·7	7·9	86	7·1	2	5	1	7	13	0	0	0	0	0	0	4	14	10	0	0	2	7	17	2	0	0	0	0	9	9	7	1
			7	271	1017·8	–	41·4	1·4	7·9	88	6·9	2	6	4	3	13	0	0	1	0	1	1	4	6	15	0	0	2	8	18	0	1	0	0	0	7	11	7	2
			13	271	1019·3	–	46·0	2·9	8·3	78	8·7	0	0	3	17	8	0	0	0	0	0	1	2	5	18	2	0	2	9	17	0	0	0	0	0	5	14	5	4
			18	271	1019·2	–	44·3	2·0	8·4	83	8·4	0	2	3	11	12	0	0	0	0	0	0	3	5	16	4	0	2	9	16	1	0	0	0	0	6	10	9	2
Armagh	Armagh	.. H	9	209	1019·5	+8·4	43·1	1·3	8·5	89	6·5	0	9	4	5	10	0	0	0	0	0	0	0	6	22	0	0	0	5	23	0	1	0	0	0	5	12	8	2
			21	209	1020·1	–	43·4	1·2	8·8	90	6·1	5	6	0	4	13	0	0	0	0	0	0	0	5	23	0	1	0	13	14	0	0	0	0	0	7	10	11	0
Scilly	St. Mary's	.. ..	1	199	1024·8	–	46·5	2·0	9·1	85	6·9	2	2	7	10	7	0	0	0	0	0	0	7	7	14	0	0	9	7	10	2	4	2	1	1	1	3	6	8
			7	199	1024·9	+11·0	46·6	2·1	9·1	84	7·4	0	3	7	7	11	0	0	0	0	0	1	8	5	14	0	0	8	9	8	3	5	1	1	0	1	3	7	7
			13	199	1026·6	–	49·7	3·0	9·5	78	8·3	0	1	4	14	9	0	0	0	0	0	0	3	2	16	0	0	8	7	11	2	5	2	1	1	0	5	4	8
			18	199	1026·0	–	47·7	2·3	9·3	83	7·5	0	4	6	10	8	0	0	0	0	0	0	3	2	16	0	0	7	7	12	2	3	3	2	0	0	5	7	6
GIBRALTAR		H	1	400	1024·9	–	53·7	4·3	10·2	72	3·2	7	11	5	5	0	0	0	0	0	0	0	0	11	17	0	1	12	12	3	2	4	3	4	0	1	7	4
			7	400	1024·4	–	52·8	4·0	10·1	73	4·9	3	9	1	15	0	0	0	0	0	0	0	0	0	13	14	0	1	13	14	0	3	7	6	1	0	1	6	4
			13	400	1024·9	–	58·5	6·4	10·5	63	4·7	2	12	4	8	2	0	0	0	0	0	0	0	0	13	14	0	1	15	10	2	1	9	6	1	1	0	6	2
			18	400	1024·0	–	56·1	4·7	11·0	71	4·8	2	8	9	9	0	0	0	0	0	0	0	0	2	7	19	0	1	13	12	2	1	9	5	3	0	0	7	1
MALTA		H	1	234	1021·4	–	53·5	3·3	11·0	78	4·4	2	13	2	9	2	0	0	0	0	0	0	3	4	21	0	0	1	7	18	2	0	3	5	3	1	3	4	7
			7	234	1021·6	–	53·6	3·6	10·7	76	5·0	1	12	4	11	0	0	0	0	0	0	0	0	3	20	0	0	2	5	20	1	1	5	4	4	0	5	4	4
			13	234	1021·3	–	57·9	5·7	10·9	67	5·9	0	8	7	12	1	0	0	0	0	0	0	1	1	17	0	0	3	9	16	0	2	7	6	1	3	2	5	5
			18	234	1021·2	–	55·0	4·0	11·0	74	5·0	2	11	3	7	5	0	0	0	0	0	0	1	6	19	0	0	0	10	17	1	2	5	3	3	3	4	5	2

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MONTHLY WEATHER REPORT OF THE METEOROLOGICAL OFFICE

SUMMARY OF OBSERVATIONS COMPILED FROM RETURNS OF OFFICIAL STATIONS AND VOLUNTEER OBSERVERS

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MARCH, 1943.—Mild; dry and sunny on the whole.

The weather of March was mild generally; it was dry except on high land in the west and north-west of Scotland and sunny in England and Wales.

The month opened with an intense anticyclone centred off our south-west coasts: meanwhile a deep depression west of Iceland moved east-north-east. Slight rain occurred in the west and north and gales at a few exposed stations in Scotland. Pressure rose in the rear of the depression and by the morning of the 3rd the anticyclone was situated over the north of Scotland. Subsequently it moved south-east, while a depression west of Portugal spread north causing some rain locally in the south-west of the British Isles. A new anticyclone off the west of Ireland on the 5th moved slowly eastward giving a spell of fair weather over most of the British Isles. On the 8th a depression south of Iceland moved north-east and an associated trough moved east over the British Isles; there were showers, and strong winds and local gales in the north and west. On the 9th and 10th another deep depression moved east-north-east over Iceland and associated troughs caused rain (heavy locally) in the west and north of the British Isles; gales were reported in Scotland on the 10th. Subsequently a ridge of high pressure was maintained over the southern half of the British Isles while pressure was low in the far north: there was rain in the north but fair weather persisted elsewhere. On the 15th a deep depression south of Iceland moved north-east and an associated trough moved south-east over the United Kingdom. Rain fell over a rather wider area but weather continued dry in the eastern districts of Britain. On the 17th a ridge of high pressure spread north over the British Isles and intensified and thereafter pressure was high north-east of Scotland and low on the Atlantic. A spell of fair weather with mainly easterly winds prevailed over most of Britain but some rain occurred in Ireland on the 21st.

Subsequently a depression near the Azores moving east-north-east caused rain in south Ireland and south and west England on the 23rd, and in most places in England and Ireland on the 24th. During the following days pressure remained high northward of the British Isles, while a depression off Portugal moved east and an associated trough moved north-west over Britain. Rain fell fairly generally in Britain on the 25th and slight rain occurred in the British Isles on the 26th. During the closing days of the month a depression moved east-north-east over Iceland and secondary disturbances crossed the British Isles. There was widespread rain on the 29th and fairly general rain on the 30th and 31st. Widespread gales were reported on the 30th and 31st.

Pressure and Wind.—Mean pressure considerably exceeded the average, the excess at 7h. ranging from 6·9 mb. at Sumburgh and Stornoway to 9·0 mb. at Tynemouth and Spurn Head. The map shows an area of high pressure over England, while the lowest pressure is situated north of Scotland (see chart 1). There was an excess of winds from between west and south in the northern half of the country: in the southern half winds were more variable in direction and in southern England those from between north and east were fairly frequent. A widespread gale was experienced on the 30th–31st. In the north of Scotland gales also occurred frequently in the first half of the month. On the 15th a mean hourly velocity of 51 m.p.h. was recorded at Stornoway, and among the highest speeds registered in gusts at anemometer stations were 76 m.p.h. at Kirkwall on the 10th, 78 m.p.h. at Lerwick on the 11th and 82 m.p.h. at Bell Rock lighthouse and 81 m.p.h. at Bidston Observatory on the 30th.

Temperature.—Mean temperature appreciably exceeded the average, the deviation being + 3·1°F. over Scotland, + 2·9°F. over Northern Ireland and + 2·3°F. over England and Wales. Mean temperature for the three months January to March, 1943, though high, was not so high as in the corresponding three months of 1938, but December 1942 was mild, while December 1937 was rather cold. Among the warmest days of the month, when temperatures of 60°F. or somewhat higher were recorded, were the 1st, 2nd, 6th, 16th–18th, 23rd–27th, 30th and 31st. Severe frost (screen minimum temperature 25°F. or below) was registered on numerous occasions, e.g. on the 8th, 10th, 12th–16th and 21st–23rd.

The extremes for the month were:—(England and Wales) 63°F. at Peterborough on the 16th, Norwich on the 17th and Manchester (Whitworth Park) on the 23rd, 20°F. at Newport, Shropshire, on the 15th; (Scotland) 63°F. at Perth on the 6th, 18°F. at Eskdalemuir on the 15th; (Northern Ireland) 57°F. at Garvagh on the 17th and 18th, 27°F. at Aldergrove on the 12th and at Garvagh on the 12th and 13th.

Precipitation.—The general precipitation expressed as a percentage of the average for the period 1881–1915 was 37 over England and Wales, 66 over Scotland and 49 over Northern Ireland. An excess was recorded only in parts of Argyll, Inverness-shire and Sutherland. Less than 25 per cent. was received over an area in east Yorkshire, in a coastal strip extending from Cromer to Lowestoft, in a larger area covering much of south-east England and part of the Home Counties, the extreme tip of Cornwall, in the neighbourhood of Monreith (Wigtown) and near Montrose. Except in the west and north most of the rain fell from the 23rd onward. Many places in the eastern half of Britain experienced an absolute drought: Aberdeen recorded no measurable rain from the 1st–24th inclusive and the total rain from February 16th to March 24th was only ·06 in.: at Bury St. Edmunds, Suffolk, an absolute drought of 41 days, February 11th to March 23rd, inclusive, was registered. On the other hand some stations in the west of Scotland reported as many as 20 or 21 rain-days.

Among the heaviest falls in 24 hours were:—

9th. 2·96 in. at Kinlochquoich (Inverness).

10th. 2·75 in. at Kinlochquoich.

29th. 2·03 in. at Borrowdale.

31st. 2·19 in. at Blaenau Festiniog (Merioneth).

In Scotland, snow was reported locally on 14 days; it occurred in all parts on the 11th and there were fairly widespread falls also on the 12th and 13th, but it did not lie to any appreciable depth.

Thunderstorms were infrequent generally but were reported locally at times.

Sunshine.—Sunshine appreciably exceeded the average in England and Wales, where the percentage of the average over the country as a whole was 115. In Scotland the mean daily sunshine varied from approximately 2·5 hours in the Great Glen to more than 4 hours along the coast from Nairn to Banff.

Fog.—Fog was infrequent on the whole in Scotland and Northern Ireland but developed on numerous occasions inland in England. Periods of most considerable fog included the 5th–8th, 15th–18th and 21st–23rd.

Miscellaneous Phenomena.—The aurora was observed in Scotland on 12 nights. Solar halos were noted at Oxford on 10 days.

Meteorological Office, Air Ministry: N. K. Johnson, D.Sc., A.R.C.S., Director. 4 *May*, 1943

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TABLE I—DISTRICT VALUES— MARCH, 1943 [1908, revised 1928 and 1941]

Districts	Air Temperature			Earth Temperature		Rainfall		Sunshine	
	Highest	Lowest	Daily Mean Difference from Average	At 1 ft Difference from Average	At 4 ft Difference from Average	Percentage of Average	No. of Days Difference from Average	Percentage of Average	Percentage of Possible Duration
	°F	°F	°F	°F	°F	%		%	%
0 SCOTLAND, N.	58	19	+3·0	—	—	100	−4	96	28
Eastern									
1 SCOTLAND, E.	63	21	+3·4	—	—	54	−9	111	33
2 ENGLAND, N.E.	62	22	+2·8	+2·3	+1·5	29	−11	116	35
3 ENGLAND, E.	63	23	+1·6	+0·7	+0·9	28	−9	107	35
4 MIDLAND COUNTIES ..	63	20	+2·5	+2·0	+1·5	43	−9	119	35
5 ENGLAND, S.E.	62	22	+2·0	+0·9	+1·2	24	−10	112	38
Western									
6 SCOTLAND, W.	61	18	+2·9	+3·3	+2·3	64	−2	104	30
7 ENGLAND, N.W. (*and N. Wales*)	63	22	+2·4	+1·9	+1·6	42	−7	125	39
8 ENGLAND, S.W. (*and S. Wales*)	62	22	+2·3	+1·7	+1·9	36	−7	112	38
NORTHERN IRELAND	57	27	+2·9	—	—	43	−3	97	32
MEAN 0, 1, 6 ..	—	—	+3·1	—	—	—	—	104	30
MEAN 2, 3, 4, 5, 7, 8	—	—	+2·3	—	—	—	—	115	37

TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— MARCH, 1943 [1914]

District and Station	Height of Vane			Distribution of Wind ‡‡								Extreme Velocities								
	Above Mean Sea Level	Above Ground	Effective Height	More than 38 mi/hr		25 to 38 mi/hr		13 to 24 mi/hr	4 to 12 mi/hr	Less than 4 mi/hr	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		Time		
	ft	ft	ft		hr		hr	hr	hr	hr	hr	°	mi/hr	m/s	day hr	mi/hr	m/s	d	h	m
0 SCOTLAND, N.				1;2;8–10;15–25 30–31	62	23	245	317	104	16	0	290	48	21	2 02	78	35	11	00	15
Shetland Lerwick	310	53	39	10	5	13	103	448	153	35	0	260	42	19	10 08	76	34	10	10	40
Orkney Kirkwall	170	40	35	1;7–8;10;14–16 29;31	37	25	236	347	101	23	0	190	51	23	15 03	71	32	31	11	35
Hebrides Stornoway	120	40	36	–	0	9	66	276	355	47	0	250	38	17	10 17	60	27	10	16	20
1 SCOTLAND, E.																				
Aberdeen Aberdeen	120	41	32	–	0	0	0	145	535	64	0	280	24	11	31 02	51	23	30	16	30
Angus Bell Rock Lighthouse	130	—	126	1;8;10;15;30 31	37	18	154	421	109	23	0	270	44	20	30 11	82	37	30	18	50
Edinburgh Edinburgh	485	39	23	–	0	9	66	276	355	47	0	250	38	17	10 17	60	27	10	16	20
6a SCOTLAND, W.																				
Argyll Tiree	75	50	42	30	1	14	176	350	210	7	0	290	40	21	30 19	67	30	30	21	20
Renfrew Paisley	188	81	31	–	0	3	11	188	468	77	0	240	37	17	30 14	72	32	30	13	25
Renfrew (Abbotsinch)	65	46	34	30	1	3	22	170	411	140	0	250	40	18	30 13	72	32	30	13	55
Dumfries Eskdalemuir ..	825	50	35	10;30	3	9	48	247	320	126	0	240	40	18	10 15	67	30	30	17	00
6b ISLE OF MAN																				
Isle of Man Point of Ayre ..	70	40	35	30	3	9	108	303	273	30	27	270	41	18	30 18	60	27	30	17	10
2 ENGLAND, N.E.																				
Durham South Shields ..	73	57	44	–	0	2	13	184	386	158	3	270	36	16	30 12	64	29	30	12	05
Durham	389	53	33	–	0	2	14	184	420	102	24	270	30	13	31 11	58	26	31	10	10
Yorks.,N.R. Catterick	220	45	33	Anemometer dismantled																
Yorks.,E.R. Spurn Head ..	64	42	34	30	5	9	60	326	333	7	13	250	43	19	30 20	64	29	30	19	10
Lincoln Cranwell	284	43	33	30	11	5	37	259	385	62	0	(260)	39	17	30 22	58	26	30	22	10
3 ENGLAND, E.																				
Norfolk Gorleston	52	42	34	–	0	1	6	136	451	151	0	110	27	12	4 06	56	25	31	00	45
Suffolk Mildenhall	98	83	58	–	0	3	30	151	417	146	0	240	33	15	30 23	56	25	30	22	05
Bedford Cardington ..	285	150	135	Defective																
Dunstable	567	55	33	–	0	2	15	213	455	49	12	240	30	13	30 21	54	24	30	15	50
Essex Shoeburyness ..	115	104	89	–	0	4	22	220	422	80	0	70	34	15	3 22	44	20	3	20	25
4 MIDLAND COUNTIES																				
Leicester Leicester	385	60	33	–	0	0	0	86	375	219	64	220	21	9	29 19	40	18	31	09	30
Warwick Birmingham ..	643	118	73	–	0	2	16	216	441	71	0	210	30	13	30 17	53	24	30	23	00
5 ENGLAND, S.E.																				
London Southgate	222	30	—	–	0	0	0	17	143	584	0	–	17	8	30 15	45	20	30	20	45
Surrey Kew Observatory ..	92	75	50	–	0	2	4	144	390	206	0	80	26	11	3 23	53	24	30	18	45
Kent Lympne	418	76	48	–	0	4	8	182	411	143	0	80	27	12	3 22	46	21	30	23	05
Manston	199	46	40	–	0	0	0	106	385	253	0	210	23	10	29 15	40	18	31	03	55
Hants Thorney Island ..	75	65	45	–	0	1	1	94	345	304	0	270	25	11	31 23	46	20	31	22	10
Wiltshire Boscombe Down ..	462	45	33	–	0	3	19	113	406	206	0	290	30	13	31 03	51	23	30	17	40
Larkhill	491	51	36	–	0	2	15	104	457	167	1	250	32	14	30 18	50	22	31	16	50
7a ENGLAND, N.W.																				
Lancashire Fleetwood	112	50	31	30–31	4	9	68	403	269	0	0	300	40	18	31 06	57	25	30	20	50
Southport	60	42	33	30	3	3	40	253	392	56	0	250	40	18	30 19	57	25	30	20	05
Cheshire Bidston Obs'y. ..	262	64	39	30	3	3	39	230	341	125	6	280	48	21	30 21	81	36	30	20	50
Manchester (Ringway) ..	315	80	40	30	1	24	51	268	322	102	0	260	40	18	30 22	61	27	30	21	15
7b NORTH WALES																				
Anglesey Holyhead	68	43	35	Defective																
Flint Sealand	81	65	42	Defective																
8a SOUTH WALES																				
Pembroke St. Ann's Head ..	212	70	—	30–31	18	9	85	252	318	68	3	240	45	20	30 21	56	25	30	20	40
8b ENGLAND, S.W.																				
Devon Plymouth	185	88	65	–	0	4	14	197	373	160	0	–	28	13	23 12	50	22	3	15	40
Cornwall The Lizard	315	75	60	Anemometer dismantled																
Pendennis Castle ..	256	65	42	3	5	10	122	163	367	37	0	120	40	18	3 16	51	23	31	16	25
NORTHERN IRELAND																				
Antrim Aldergrove	328	60	42	–	0	1	7	176	405	156	0	270	29	13	30 18	56	25	30	17	20
SCILLY ISLES																				
St. Mary's	230	65	57																	

MONTHLY WEATHER CHARTS MARCH 1943

1. WIND AND MEAN PRESSURE. 7A.M.

The dotted lines indicate the normal distribution of pressure in millibars based on 30 years' observations, 1901 - 1930

1014 800 900 1015 1016 1000 1017 1100 1018 1200 1019 1020 1021 1300

WIND ROSES. *The arrows fly with the wind and indicate frequency and force, thus :*

LIGHT MODERATE TO STRONG GALE — 30 Obs. = 1 inch

2. MOVEMENTS OF DEPRESSIONS.

A B 13 C 27 D E 14 15 16 9

Positions of centres are shewn thus:- O at 1h; ● at 7h; □ at 13h; X at 18h.

3. DISTRIBUTION OF MEAN TEMPERATURE

Reduced to sea level by a correction of 1°F. for 300 ft.

SCALE OF TINTS 48 47 46 45 44 43 °F

Sea temperatures are shewn by figures in circles, thus : (50)

4 BRIGHT SUNSHINE, HOURS PER DAY

SCALE OF TINTS 50 45 40 35 30 hrs

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

TABLE III—Summary of Observations of Temperature, Rainfall, Sunshine and Weather MARCH, 1943

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation: Max. Min. Rain	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES FAHRENHEIT: Means of A Max.	B Min.	Mean of A and B	Difference from Average	Absolute Maximum and Minimum: Maximum	Date	Minimum	Date	Earth Temperature 1 ft	4 ft	RAINFALL: Total Fall		Percentage of Average	Most in a day: Amount	Date	WEATHER Number of days: Precip'n ·01in (0·2mm) or more	·04in (1·0mm) or more	Snow	Snow lying	Hail	Thunderstorm	Fog (Morn'g Obs.)	Ground Frost	Gale	BRIGHT SUNSHINE: Daily Mean	Percentage: of Average	of Possible
		G.M.T.	ft	°F	°F	°F	°F	°F		°F		°F	°F	mm	in	%	in											hr	%	%
0	SCOTLAND, N.																													
Shetland	Baltasound ..	9 9 9	31	47·4	38·4	42·9	+3·2	52	17	28	25	41·7	–	102	4·01	115	·69	13	21	16	4	1	2	0	1	–	5	3·51	130	30
	Lerwick Obsy. ¶§	9 9 9	269	46·4	38·3	42·3	+3·3	52	17	31	11	–	–	75	2·96	94	·62	13	18	15	1	–	6	2	1	5	10	3·24	108	28
	Sumburgh (Links)	18–7 7	19	46·3	40·8	43·5	–	50	17	31	3	–	–	69	2·72	–	·37	13	17	14	3	0	5	1	0	3	11	–	–	–
Orkney	Kirkwall .. ¶§	9 9 9	113	46·8	39·6	43·2	+3·1	53	17	33	11,12	42·5	–	60	2·35	81	·35	8	20	12	3	0	3	0	0	5	2	2·89	86	25
Hebrides	Benbecula ..	18–7 7	27	48·7	40·9	44·8	–	57	18	34	12	–	–	69	2·70	–	·36	14	17	16	1	0	6	2	0	0	5	–	–	–
	Castlebay ..	9 9 9	—	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Stornoway ¶§	18–7 7	12	49·1	40·0	44·5	+2·8	53	6,18,22	32	11,12	–	–	86	3·37	86	·45	31	19	14	2	2	9	0	0	2	11	3·65	104	31
Skye	Duntuilm ..	9 9 9	294	47·9	39·5	43·7	–	56	18	31	12	–	–	75	2·94	–	·54	14	17	17	3	1	6	1	0	4	4	3·22	–	28
Caithness	Wick	18–7 7	114	48·2	38·7	43·5	+3·0	55	1,10,17	29	12	–	–	27	1·06	47	·35	31	14	8	2	0	4	0	0	3	1	–	–	–
Sutherland	Cape Wrath ..	18–7 7	367	46·3	38·5	42·4	–	49	7	29	11	–	–	72	2·84	–	·33	9	16	15	0	0	8	1	1	3	2	–	–	–
Ross & Cromarty	Achnashellach ..	9 9 9	225	48·5	38·2	43·3	+2·4	55	22	29	12	–	–	158	6·22	92	1·03	9	19	17	7	0	0	0	0	–	0	–	–	–
	Fortrose	9 9 9	69	49·8	38·2	44·0	+3·1	58	1,6	30	31	–	–	54	2·12	–	·46	30	13	10	3	1	0	0	0	–	0	3·60	96	31
	Invergordon ..	18–7 7	26																											
Inverness	Dalwhinnie ..	18–7 7	1176	45·8	33·9	39·9	–	55	6	19	23	–	–	107	4·22	–	1·17	30	18	11	6	3	1	0	0	12	0	3·01	–	26S
	Ft. Augustus ¶§	9 9 9	68	49·4	37·9	43·7	+3·6	57	22	30	3,12	–	–	129	5·07	139	·82	29	18	17	2	2	0	0	0	–	0	2·64	82	23S
	Ft. William ..	9 9 9	34	49·7	38·8	44·3	+3·6	57	18	30	12	43·3	44·4	162	6·37	95	·97	30	17	16	3	1	4	0	0	7	0	2·63	93	22S
	Inverness ¶§	9 9 9	242	48·5	37·5	43·0	+2·3	55	1,6	29	23	–	–	55	2·16	98	·48	30	13	12	5	0	1	0	0	7	0	3·65	98	31
	Onich	9 9 9	48	50·0	39·1	44·5	–	58	18	30	12	–	–	161	6·34	102	·90	10	20	17	2	1	4	0	0	2	0	2·43	74	21S
1	SCOTLAND, E.																													
Nairn	Nairn .. ¶§	9 9 9	20	49·9	38·2	44·1	+3·8	58	1,16	28	22	–	–	40	1·58	85	·33	30	12	10	4	0	4	0	0	13	0	4·36	118	37
Moray	Forres	9 9 9	155	51·1	36·8	43·9	–	62	16	24	12	–	–	29	1·14	–	·30	30	7	7	0	0	0	0	0	14	0	4·22	–	36
	Gordon Castle ..	2121 9	104	50·7	37·2	43·9	+3·4	60	16	30	12	–	–	31	1·23	53	·43	25	7	6	2	0	1	0	–	–	–	–	–	–
	Lossiemouth ..	18–7 7	21	49·9	38·2	44·1	–	59	16	30	12	–	–	33	1·28	–	·36	31	11	8	3	0	1	0	0	–	0	–	–	–
Banff	Banff	9 9 9	130	49·8	39·0	44·4	+3·6	62	16	31	12	–	–	25	1·00	50	·36	31	8	4	2	0	0	0	0	9	0	4·22	116	36S
Aberdeen	Aberdeen ¶§	242424	79	49·3	39·7	44·5	+4·2	61	1	32	12	42·6	41·7	16	·63	26	·40	26	6	5	0	0	3	0	0	10	0	3·63	103	31
		18–7 –	—	50·1	39·6	44·9	+3·6																							
	Balmoral	9 9 9	927	47·6	34·9	41·3	+4·7	60	6	23	12	–	–	27	1·07	37	·35	30	11	7	1	1	0	0	–	19	0	–	–	–
	Braemar	2121 9	1111	46·5	32·9	39·7	+3·4	60	6	21	22	–	–	41	1·62	54	·50	30	14	8	3	2	0	0	0	16	0	3·70	–	32S
	Craibstone ..	9 9 9	300	49·1	37·5	43·3	+3·0	59	1	28	12	40·9	41·1	17	·67	26	·39	25	6	4	1	0	2	1	–	22	–	3·74	97	32
	Dyce	18–7 7	241	49·4	37·9	43·7	–	60	1	28	12	–	–	16	·63	–	·30	25	6	4	0	0	1	0	1	9	0	–	–	–
	Tarland	9 9 9	540	49·8	35·5	42·7	–	59	1,17	25	12	–	–	21	·81	–	·28	25	8	4	1	0	1	0	–	–	1	–	–	–
Kincardine	Stonehaven ..	9 9 9	12	51·2	37·7	44·5	–	59	1,17	25	12	–	–	18	·72	–	·43	25	7	4	0	0	0	0	0	–	0	3·95	–	34
Angus	Arbroath	9 9 9	93	50·1	36·2	43·1	+2·4	59	2	25	12	–	–	18	·70	36	·44	25	5	4	0	0	0	0	0	16	1	3·90	97	33
	Buddon Ness ..	9 9 9	15	49·8	38·1	43·9	–	58	2	29	3,12	–	–	14	·56	–	·28	25	8	3	0	0	1	0	0	–	1	–	–	–
	Dundee .. ¶§	9 9 9	147	50·4	35·8	43·1	+2·6	59	7,17	26	12	41·5	–	15	·60	32	·29	25	9	4	1	0	0	0	–	15	0	3·63	109	31
	Kettins	9 9 9	218	50·1	35·7	42·9	+3·1	58	6	24	12	41·7	–	19	·75	31	·26	25	11	5	1	0	1	0	0	16	2	–	–	–
	Montrose	9 9 9	16	49·8	37·6	43·7	+3·0	57	2	29	12,16	–	–	10	·39	–	·30	25	7	1	0	0	0	0	–	1	3·21	89	27
	„ (Airfield)	18–7 7	22	50·0	38·3	44·1	–	57	2	27	12	–	–	10	·39	–	·29	25	4	2	0	0	0	0	0	10	0	–	–	–
Perth	Errol	18–7 7	31	50·5	37·7	44·1	–	58	6	27	12,16	–	–	18	·72	–	·30	25	9	5	0	0	0	0	0	11	0	–	–	–
	Longforgan ..	9 9 9	166	50·2	36·2	43·2	–	57	6,17	26	12	–	–	16	·64	–	·22	25	7	5	1	0	2	0	0	16	2	3·75	–	32
	Perth	9 9 9	76	51·5	37·5	44·5	+3·8	63	6	27	12	–	–	21	·83	33	·26	25	12	4	1	0	1	0	–	–	2	3·35	97	29S
Fife	Cupar	9 9 9	210	49·7	37·1	43·4	+2·7	58	6	27	12	–	–	17	·67	–	·23	25	11	5	0	0	0	0	–	–	0	–	–	–
	Dunfermline ..	9 9 9	237	49·3	37·9	43·6	–	58	6	28	12	43·1	43·4	42	1·65	–	·64	30	15	8	1	0	1	1	0	14	0	3·75	–	32
	Kirkcaldy ..	9 9 9	137	49·3	36·6	42·9	+1·2	58	6	28	12	–	–	37	1·47	–	·63	30	6	5	0	0	0	0	–	–	0	3·05	–	26
	Leuchars	18–7 7	36	50·4	38·5	44·5	+3·2	57	16,17	27	12	–	–	20	·78	40	·42	25	10	3	0	0	0	0	0	12	0	3·74	96	32
	Lundin Links ..	9 9 9	40	50·5	37·0	43·7	–	59	2	28	12	–	–	17	·65	–	·27	25	8	3	0	0	0	1	–	0	3·75	–	32
	St. Andrews ..	9 9 9	13	49·6	37·7	43·7	+2·6	60	2	28	12	42·5	42·3	22	·88	42	·44	25	7	3	0	0	1	0	0	4	2	3·52	94	30
Mid Lothian	Balerno	9 9 9	750	46·9	36·8	41·9	–	54	6,16	30	12	–	–	52	2·06	–	·81	30	13	6	1	0	5	0	1	11	0	3·69	–	31
	Edinburgh—																													
	Blackford H. ¶§	2121 9	441	48·8	38·1	43·5	+3·2	59	6	31	12	–	–	41	1·63	83	·74	30	10	4	1	0	0	0	2	3	4	3·71	103	32
	Botanic Garden	9 9 9	74	50·6	38·0	44·3	–	60	6,16	29	12,13	–	–	38	1·51	–	·72	30	9	5	1	0	0	0	2	13	–	3·48	–	30
	Univ. King's B.	9 9 9	225	49·4	37·6	43·5	–	58	6	31	22	42·4	43·7	33	1·31	–	·56	25	7	4	–	–	–	–	–	–	–	–	–	–
	Boghall	9 9 9	639	48·0	37·4	42·7	+2·6	56	6	31	12,22	40·8	42·0	48	1·90	–	·77	30	13	5	2	0	0	0	0	8	–	3·42	96	29
	Liberton ..	9 9 9	190	49·7	38·2	43·9	–	58	6,16	29	21	–	–	39	1·53	–	·68	30	9	4	0	0	0	0	–	–	–	–	–	–
E. Lothian	Dunbar	9 9 9	75	49·6	36·5	43·1	–	58	16	29	12	–	–	33	1·32	–	·63	25	7	4	0	0	0	0	0	7	0	3·79	–	32
	N. Berwick ..	9 9 9	118	49·9	37·5	43·7	+2·0	58	16	26	12	–	–	36	1·41	79	·66	25	8	5	1	0	0	0	0	9	0	3·55	89	30
Berwick	Marchmont ¶§	9 9 9	498	50·3	34·6	42·5	+3·0	58	6	24	12	–	–	29	1·13	43	·65	25	8	4	0	0	0	0	–	–	1	4·02	122	34S
	St. Abb's Head	18–7 7	280	48·5	39·2	43·9	–	56	16	29	14,15	–	–	27	1·06	–	·67	25	5	3	1	0	0	0	1	–	1	–	–	–
Peebles	Peebles	9 9 9	—	50·1	34·1	42·1	–	59	18	22	12	–	–	28	1·09	–	·52	30	9	7	3	0	0	0	0	11	1	3·66	–	31
	West Linton ..	9 9 9	820	47·4	34·7	41·1	+3·4	55	6	23	12	41·2	42·0	45	1·77	–	·74	30	12	11	2	0	1	0	7	13	0	–	–	–
Roxburgh	Kelso (Br'ml'ds)	9 9 9	193	50·4	35·9	43·1	+2·6	59	6	25	14	–	–	31	1·20	62	·67	25	9	6	0	0	0	0	2	–	–	–	–	–
	Wolfelee	9 9 9	537	49·7	34·1	41·9	+3·0	60	6	23	22	–	–	31	1·22	36	·56	25	5	4	3	0	0	0	2	–	1	–	–	–

¶§, S *See* Notes on Tables in Annual Summary.

TABLE III (*continued*)—Summary of Observations of Temperature, Rainfall, Sunshine and Weather MARCH, 1943

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation Max. Min. Rain	Height of Station above Mean Sea Level	Air Temperature in Degrees Fahrenheit: Means of A Max.	B Min.	Mean of A and B	Difference from Average	Absolute Maximum and Minimum: Maximum	Date	Minimum	Date	Earth Temperature 1 ft	4 ft	Rainfall: Total Fall mm	in	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n 0·1 in (0·2 mm) or more	Precip'n 0·4 in (1·0 mm) or more	Snow	Snow lying	Hail	Thunderstorm	Fog (Morn'g Obs.)	Ground Frost	Gale	Bright Sunshine: Daily Mean	Percentage: of Average	of Possible
		G.M.T.	ft	°F	°F	°F	°F	°F		°F		°F	°F	mm	in	%	in												hr	%	%
6a SCOTLAND, W.																															
Argyll	Ardtornish ..	2121 9	48	50·2	36·9	43·5	+2·2	56	18,23,24	30	12,23	–	–	122	4·81	–	·95	30	19	17	1	1	8	0	–	8	0	–	–	–
	Colonsay ..	9 9 9	87	49·9	38·7	44·3	–	55	18	31	12,26	–	–	68	2·67	–	·46	29	21	17	2	0	6	0	–	–	1	–	–	–
	Dunoon (Benmore)	9 9 9	46	51·4	37·4	44·4	–	57	18	26	12	43·7	43·5	148	5·83	–	1·18	29	19	17	2	0	2	0	1	6	0	2·71	–	23S
	Dunoon	9 9 9	132	49·7	39·8	44·7	–	54	19	35	12	–	–	121	4·75	–	1·76	30	16	16	1	0	0	0	–	–	–	3·61	–	31
	Glenbranter ..	9 9 9	120	50·8	38·3	44·5	+3·4	58	18	26	12	–	–	135	5·31	–	1·59	30	18	18	0	0	0	0	0	7	–	–	–	–
	Oban	9 9 9	229	48·8	39·6	44·2	–	56	18	30	12	–	–	85	3·35	–	·56	12	18	16	0	0	4	0	0	3	0	3·05	84	26
	Tiree .. ¶§	18-7 7	44	49·6	40·9	45·3	+2·4	56	18	30	12	–	–	54	2·12	63	·42	29	20	16	1	0	6	0	0	3	3	3·24	83	28
Bute	Rothesay ¶§	2121 9	200	50·1	38·7	44·4	+3·1	61	23	32	12	43·2	44·0	80	3·14	87	·93	30	16	14	2	0	2	0	0	4	2	3·50	105	30
Dumbarton	Cardross	9 9 9	130	50·0	36·6	43·3	+2·6	56	18	29	12	–	–	74	2·90	–	1·30	30	19	14	0	0	0	0	0	–	0	2·93	94	25S
	Helensburgh ..	9 9 9	293	49·5	37·9	43·7	+2·7	57	6	27	12	–	–	100	3·93	96	·78	30	20	14	1	0	0	0	0	–	0	3·17	104	27
Stirling	Balfron	9 9 9	342	47·8	37·6	42·7	–	57	6	27	12	–	–	76	2·98	–	·87	30	18	12	2	0	3	0	0	–	0	–	–	–
	Stirling	9 9 9	151	50·3	39·1	44·7	+3·0	59	6	29	12	42·3	42·7	55	2·15	–	·77	30	16	9	3	0	2	0	1	–	–	3·58	107	31
Renfrew	Greenock ..	9 9 9	199	49·5	40·0	44·7	+3·8	56	18	33	12	–	–	103	4·05	87	1·28	30	19	15	1	0	1	3	3	1	2	3·20	–	27S
	Paisley	2121 9	106	50·1	39·8	44·9	+3·1	58	6,16	32	12	44·0	45·1	58	2·28	72	·62	30	17	12	1	0	1	0	0	8	1	3·42	108	29
	Abbotsinch ¶§	18-7 7	19	50·5	39·7	45·1	+3·8	58	18	29	12.	–	–	64	2·50	89	·78	30	13	13	1	0	2	0	1	6	1	3·48	114	30
Lanark	Carluke ..	9 9 9	534	48·3	37·5	42·9	–	58	16	30	12	–	–	52	2·05	–	·95	30	15	9	1	0	5	0	0	7	0	3·69	–	31
	Dungavel ..	9 9 9	798	45·7	34·3	40·0	+1·9	55	18	26	12	–	–	77	3·04	–	·78	29	15	14	2	0	2	0	0	11	0	–	–	–
	Glasgow, Spr.' Pk.	9 9 9	351	49·6	37·5	43·5	–	58	6	28	12,13	–	–	52	2·05	–	·61	30	17	13	2	0	1	0	–	16	–	2·94	–	25
Ayr	Auchincruive ..	9 9 9	89	51·1	38·0	44·5	–	61	18	29	12	43·8	44·7	50	1·96	–	·56	30	16	10	1	0	2	0	0	12	0	3·80	–	32
	Ayr	9 9 9	43	50·7	38·7	44·7	–	60	18	34	12,21	–	–	42	1·67	–	·53	30	11	10	0	0	0	0	0	1	0	3·71	–	31
	Colmonell ..	9 9 9	170	50·5	37·4	43·9	+2·3	60	18	29	14	–	–	34	1·34	40	·19	10	18	11	0	0	3	0	0	14	2	–	–	–
	Kilmarnock ..	9 9 9	130	50·9	38·5	44·7	+3·5	60	18	29	12	44·5	45·6	60	2·36	–	·59	29	17	13	2	0	2	0	0	9	1	3·60	110	31
	Prestwick ..	9 9 9	17	49·7	40·0	44·9	–	60	18	33	12	–	–	44	1·72	–	·43	30	16	10	0	0	1	0	0	1	1	3·65	–	31
	Troon	9 9 9	15	50·5	39·7	45·1	–	59	18	34	12	–	–	47	1·86	–	·58	29	14	10	1	0	1	0	0	1	0	3·78	–	32
	Turnberry ..	9 9 9	30	50·9	39·5	45·2	+3·1	60	18	33	12	–	–	49	1·95	80	·45	30	16	11	0	0	1	0	1	–	1	4·10	110	35
Dumfries	Dumfries.. ¶§	9 9 9	140	50·2	37·2	43·7	+2·8	59	6	27	12,15	43·4	44·1	25	·99	33	·31	29	14	7	1	0	2	0	1	22	–	3·80	111	32
	Eskdalemuir ¶§	242424	794	48·0	32·7	40·3	+2·6	57	6	18	15	42·3	43·2	60	2·37	48	·93	30	15	12	4	0	3	0	3	12	2	3·36	105	29
		18-7 –	—	48·2	34·1	41·1	+2·6																							
	Ruthwell.. ..	2121 9	67	51·2	36·0	43·6	+2·7	58	18	26	12,15	–	–	20	·77	–	·40	30	9	5	0	0	0	0	–	–	0	3·61	103	31S
Kirkcudbright	Glenlee	9 9 9	181	50·3	36·7	43·5	–	59	18	24	15	–	–	51	1·99	–	·64	29	13	10	3	0	1	0	1	9	0	–	–	–
Wigtown	Newton Stewart	9 9 9	75	50·5	36·1	43·3	–	60	17	27	14	–	–	30	1·19	–	·28	30	11	9	0	0	0	0	0	–	0	–	–	–
6b ISLE OF MAN																														
ISLE OF MAN																														
Isle of Man	Douglas	9 9 9	284	49·3	40·0	44·7	+2·8	55	18	32	12,14	–	–	24	·94	32	·27	29	13	8	1	0	0	0	2	6	0	4·66	112	39
	Point of Ayre ..	18-7 7	30	51·0	40·6	45·8	–	57	16	29	14	–	–	13	·50	–	·12	31	11	6	0	0	0	0	1	–	1	4·66	–	39
2 ENGLAND, N.E.																														
ENGLAND AND WALES																														
Northumberland	Berwick-on-T. ..	9 9 9	76	49·4	38·6	44·0	+2·7	56	2,16	29	12,15	–	–	16	·63	34	·48	25	3	2	0	0	0	0	1	7	0	3·94	96	33
	Bellingham ..	9 9 9	849	48·7	33·8	41·3	+3·0	57	18	24	12	–	–	38	1·49	51	·44	25	13	7	1	0	2	0	0	–	–	–	–	–
	Cockle Park ¶§	2121 9	325	50·4	36·2	43·3	+3·6	58	16,17	28	13	41·9	42·4	19	·73	31	·48	25	6	3	0	0	0	0	2	13	1	4·18	114	35
	Ouston	18-7 7	426	50·1	36·0	43·1	–	60	31	25	14	–	–	17	·66	–	·30	25	8	4	1	0	1	0	3	9	1	–	–	–
	Tynemouth ..	18-7 7	108	49·6	39·9	44·7	+2·4	57	17,30	32	12,15	–	–	18	·71	39	·49	25	7	3	0	0	0	0	1	6	2	3·75	–	32
Durham	Chopwellwood ..	9 9 9	446	50·7	36·4	43·5	+3·6	58	1	28	14	–	–	20	·78	33	·42	25	9	6	1	0	0	0	5	12	–	3·89	113	33
	Durham .. ¶§	2121 9	336	51·2	34·1	42·7	+2·7	57	1,30	23	14,15	–	–	16	·64	35	·48	25	4	2	0	0	0	0	2	13	–	4·25	124	36
	Houghall.. ..	9 9 9	160	52·0	34·6	43·3	+2·2	58	1,30	23	14,15	–	–	16	·63	–	·47	25	4	3	0	0	0	0	4	14	4	3·99	118	34
	Ushaw College ..	9 9 9	594	49·9	36·5	43·2	+3·3	57	30	29	8,12,15	–	–	16	·64	29	·45	25	6	2	1	0	1	0	2	–	–	–	–	–
Yorks., N. Riding	Ampleforth ..	9 9 9	313	51·4	34·5	42·9	+2·3	57	2,17,27	22	15	–	–	10	·40	–	·17	25	5	4	0	0	0	0	8	22	–	4·39	–	37
	Castleton ..	9 9 9	450	50·4	34·0	42·2	–	61	17	22	14	40·7	–	12	·49	–	·20	25	5	4	0	0	0	0	0	20	–	–	–	–
	*Catterick.. ..	18-7 7	175	50·4	35·8	43·1	–	56	1,2	25	14	–	–	10	·39	–	·33	25	3	2	0	0	0	0	9	14	0	3·57	–	30
	Linton-on-Ouse ..	18-7 7	46	52·9	34·8	43·9	–	60	23	22	14	–	–	12	·47	–	·31	25	8	6	0	0	0	0	8	19	0	–	–	–
	Redcar	9 9 9	25	50·8	37·8	44·3	–	61	17	25	15	–	–	11	·42	–	·26	25	6	3	–	–	–	–	2	–	–	–	–	–
	Scarborough †¶§	9 9 9	118	52·4	39·5	45·9	+3·2	61	2	31	15	–	44·1	12	·46	26	·28	25	5	3	0	0	0	0	5	9	–	3·98	110	34
	Thornaby ..	18-7 7	60	51·7	36·2	43·9	–	60	30	25	22	–	–	13	·50	–	·34	25	3	2	0	0	0	0	6	14	0	–	–	–
	Whitby	9 9 9	148																											
	York .. ¶§	9 9 9	57	52·2	36·4	44·3	+2·2	59	2,16,23	27	14	42·3	43·6	10	·40	24	·23	25	6	3	0	0	0	0	–	–	0	3·76	121	32
Yorks., E. Riding	Bridlington ..	2121 9	76	51·4	35·1	43·3	+2·2	60	2	25	15	–	–	10	·41	–	·29	25	7	2	0	0	0	0	4	–	–	4·29	112	36
	Driffield ..	18-7 7	65	52·2	35·5	43·9	–	61	16	24	8,15	–	–	14	·54	–	·37	25	5	3	0	0	0	0	4	15	1	–	–	–
	Hull	2121 9	8	52·5	37·5	45·0	+3·0	61	2,16	29	14	41·7	43·1	8	·30	16	·25	25	5	1	0	0	0	0	8	14	–	3·92	118	33
	Spurn Head ..	18-7 7	29	48·8	39·3	44·1	+2·0	57	30	32	14	–	–	7	·27	17	·25	25	2	1	0	0	0	0	2	–	1	4·99	124	42
Lincoln	Boston—																													
	(Freiston Road)	2121 9	16	52·5	35·4	43·9	–	61	16,30	27	13	–	–	15	·60	–	·48	25	6	2	0	0	0	0	12	20	–	–	–	–
	(North Sea Camp)	18-7 7	10	52·1	35·4	43·7	–	60	16	28	13	–	–	18	·71	–	·59	25	5	2	0	0	0	0	13	–	–	4·70	–	40
	Cranwell .. ¶§	18-7 7	203	52·6	35·2	43·9	+2·1	60	16,17	27	13,15	42·4	42·8	11	·42	30	·23	25	6	3	0	0	0	0	8	17	1	4·33	111	37
	Cleethorpes ..	9 9 9	23	51·3	37·4	44·3	+2·0	62	16	26	8	–	–	7	·26	–	·20	25	4	1	0	0	0	0	4	–	–	4·60	107	39
	Skegness ..	9 9 9	15	49·7	35·7	42·7	+1·4	59	30	27	8	–	–	20	·79	48	·67	25	4	3	0	0	1	3	–	–	4·89	121	41

† At Scarborough the earth thermometer is at a depth of 3 ft.

¶§, S *See* Notes on Tables in Annual Summary.

* At Scorton from March 9th.

TABLE III (*continued*)—Summary of Observations of Temperature, Rainfall, Sunshine and Weather MARCH, 1943

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation: Max. Min. Rain	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES FAHRENHEIT: Means of A Max.	B Min.	Mean of A and B	Difference from Average	Absolute Maximum and Minimum: Maximum	Date	Minimum	Date	Earth Temperature: 1 ft	4 ft	RAINFALL: Total Fall mm	in	Percentage of Average	Most in a day: Amount in	Date	WEATHER Number of days: Precip'n 0·1in (0·2 mm or more)	0·4in (1·0 mm or more)	Snow	Snow lying	Hail	Thunderstorm	Fog (Morn's Obs.)	Ground Frost	Gale	BRIGHT SUNSHINE: Daily Mean	Percentage of Average	Percentage of Possible
		G.M.T.	ft	°F	°F	°F	°F	°F		°F		°F	°F	mm	in	%	in											hr	%	%
3 ENGLAND, E.																														
Norfolk	Cromer	9 9 9	178	51·2	40·3	45·7	+3·6	60	16	35	20	–	–	10	·41	24	·16	25	5	3	0	0	0	0	2	–	0	5·24	123	44
	Hunstanton ..	9 9 9	100	51·5	36·2	43·9	+1·2	59	16,25	28	7, 8	–	–	10	·38	–	·15	24	7	2	0	0	0	0	3	–	–	4·18	89	35
	Norwich	9 9 9	110	53·5	35·3	44·4	+2·1	63	17	27	12	40·2	–	21	·82	–	·43	25	7	5	0	0	0	1	–	19	–	5·06	125	43
	Sprowston ..	9 9 9	93	51·2	34·9	43·1	+1·2	60	17,23	25	15	–	–	19	·74	–	·39	25	7	5	0	0	0	1	–	21	–	4·84	104	41
	Terrington ..	9 9 9	13	53·2	34·0	43·6	–	60	16,23,24	25	12	–	–	11	·44	–	·19	24	6	4	0	0	0	0	2	19	–	4·89	–	41
	Yarmouth ¶§	18–7 7	5	49·2	37·9	43·5	+1·3	59	30	29	7	43·6	44·5	8	·33	19	·14	25	5	4	0	0	0	0	6	12	0	5·14	124	43
Suffolk	Bungay (Flix'n) ..	9 9 9	79	52·5	34·7	43·6	+1·5	60	16	26	17	–	–	8	·30	–	·14	24	4	2	0	0	0	0	3	20	–	–	–	–
	Felixstowe Airfield	18–7 7	10	50·1	37·0	43·5	+1·4	61	30	29	10	–	–	10	·39	26	·13	31	6	3	0	0	0	1	4	12	0	5·22	117	44
	Ipswich, Belstead	9 9 9	125	52·1	35·7	43·9	–	60	25,30	27	17	42·1	43·1	11	·42	–	·17	31	6	3	0	0	0	0	5	19	0	4·48	–	38
	Lowestoft ..	9 9 9	82	50·5	35·8	43·1	+1·2	61	30	26	7	42·9	43·7	7	·29	18	·13	24	5	2	0	0	0	0	5	16	0	5·12	112	43
	Mildenhall ..	18–7 7	15	53·6	33·6	43·6	–	62	23	24	8,12	–	–	17	·66	–	·30	31	7	4	0	0	0	0	11	17	0	4·66	–	39
	Stradishall ..	18–7 7	382	52.2	35·7	43·9	–	60	16,17,23	28	7,15,21	–	–	19	·75	–	·24	31	6	5	0	0	0	0	7	18	0	–	–	–
Cambridge	Cambridge Gdns ¶§	2121 9	41	53·6	33·2	43·4	+1·1	61	16,23	24	8	42·7	44·1	15	·57	39	·30	24	6	4	0	0	0	0	7	25	0	4·02	104	34
Bedford	Dunstable ..	18–7 7	516	50·9	34·5	42·7	–	58	16,24,27	27	15,21	41·9	43·5	17	·68	–	·26	24	9	6	0	0	0	0	5	24	0	4·50	–	38
	Luton	9 9 9	381	51·9	34·4	43·1	+1·4	59	16,17	25	12	42·9	44·4	14	·56	–	·35	24	7	4	1	1	–	–	2	21	–	4·29	104	36
	Woburn	9 9 9	291	51·8	33·6	42·7	+1·4	58	14	23	8	42·6	45·5	21	·83	48	·39	24	6	5	0	0	0	0	5	20	–	4·35	117	37
Hertford	Rothamsted ¶§	9 9 9	420	51·3	34·8	43·1	+1·8	58	16,24	27	8,16	41·6	–	15	·60	30	·41	24	8	4	0	0	0	0	2	20	–	4·43	113	38
	St. Albans ..	9 9 9	272	52·5	33·6	43·1	+1·2	58	16,24,30	23	8	42·5	–	11	·42	22	·30	24	5	1	–	–	0	0	5	20	–	–	–	–
Essex	Dovercourt ..	9 9 9	47	51·4	37·4	44·4	+1·7	61	30	30	7	–	–	8	·33	–	·15	24	4	3	0	1	0	0	5	18	–	5·03	–	43
	Earls Colne ..	9 9 9	160	53·1	35·0	44·1	+1·3	60	25,30	26	8	42·9	44·1	16	·63	–	·18	24	6	5	0	0	0	0	–	24	–	–	–	–
	Halstead ..	9 9 9	140	53·9	33·8	43·9	+1·4	60	17,25,30	25	12,16	–	–	12	·49	–	·18	24	7	4	0	0	0	0	4	–	–	–	–	–
	Maldon	9 9 9	14	53·0	35·1	44·1	–	61	25,30	25	16	–	–	–	·23	24					0	0	0	0	5	–	–	4·82	–	41S
	Shoeburyness ..	18–7 7	11	51·3	36·5	43·9	+1·4	59	30	28	10,17	–	–	9	·36	27	·24	24	5	3	0	0	0	0	5	19	0	3·68	81	31
	Walton-on-Naze	9 9 9	35	50·5	37·3	43·9	+1·9	61	30	30	7,16,17	–	–				·18	24				1	1	–	11	9	–	4·79	113	41
	Writtle	9 9 9	105	52·8	33·6	43·2	–	60	25	24	16	–	–	7	·29	–	·23	24	4	1	0	0	0	0	–	20	–	–	–	–
4 MIDLAND COUNTIES																														
Yorks., W. Riding	Askham Bryan	9 9 9	90	52·5	34·1	43·3	–	60	2	24	14	–	–	10	·41	–	·31	25	4	3	0	0	0	0	4	16	–	3·89	–	33
	Bingley	9 9 9	610	49·8	36·2	43·0	–	55	16,17	26	14	–	–	25	·98	–	·45	30	5	3	0	0	0	0	3	13	–	–	–	–
	Bradford ..	9 9 9	439	49·8	36·5	43·1	+2·8	56	17	27	15	41·2	42·2	22	·85	32	·31	30	5	3	0	0	1	–	8	–	–	3·73	131	32
	Doncaster ..	9 9 9	25	53·0	34·5	43·7	–	62	16	22	15	–	–	14	·56	–	·38	25	5	3	0	0	0	0	8	20	–	3·47	–	29
	Finningley ..	18–7 7	39	53·8	35·8	44·8	–	62	16,17	24	15	–	–	30	1·18	–	1·05	25	4	2	0	0	0	0	13	–	–	–	–	–
	Harrogate ¶§	9 9 9	478	50·8	36·8	43·8	+4·3	58	16	28	12,14	41·5	42·5	21	·81	35	·46	25	5	3	0	0	0	0	4	9	2	4·14	121	35
	Huddersfield ..	2121 9	325	51·2	36·1	43·7	+2·9	60	17	24	15	41·3	42·7	29	1·16	48	·55	30	7	4	0	0	0	–	18	14	–	3·09	112	26
	,, (Oakes)	9 9 9	761	49·0	36·0	42·5	+1·7	59	17	29	14,24	41·3	42·0	38	1·50	54	·65	30	8	5	1	0	1	0	6	14	3	–	–	–
	Ilkley	9 9 9	315	50·8	35·1	42·9	+2·0	58	17	24	13,14,15	–	–	22	·88	–	·42	30	5	3	0	0	0	0	2	10	–	4·35	135	37
	Meltham	9 9 9	585	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Pontefract ..	9 9 9	255	50·9	36·2	43·5	+1·4	59	16	21	15	–	–	15	·58	36	·48	25	5	2	1	1	1	–	10	11	–	3·78	–	32
	Rotherham ..	7 7 7	284	51·7	35·4	43·5	–	61	17	23	15	41·4	–	17	·65	–	·49	25	8	2	0	0	0	0	8	14	–	3·94	–	33
	Sheffield	9 9 9	428	51·1	38·1	44·6	+2·9	61	17	29	14,15	41·1	42·1	33	1·31	55	·63	25	8	5	0	0	0	0	–	11	1	3·64	124	31
	Wakefield ..	9 9 9	124	53·1	36·0	44·5	+2·8	62	16	24	15	41·8	43·1	15	·57	32	·36	25	5	2	0	0	0	0	8	16	–	2·83	106	24S
Derby	Belper (School) ..	9 9 9	198	52·2	35·1	43·7	+2·4	59	17,30	24	15	–	–	21	·84	36	·23	25	10	6	0	1	0	0	–	–	–	–	–	–
	Buxton ..	9 9 9	1007	(47·9)	(34·5)	(41·2)	(+2·5)	(56)	(17)	(24	(15)	–	(41·2)	40	1·57	38	·56	30	13	7	0	0	0	0	7	14	–	3·21	111	28
Nottingham	Mansfield ..	9 9 9	357	51·4	36·3	43·9	+1·9	58	17,30	27	15	–	–	17	·69	33	·47	25	6	3	0	0	0	0	9	–	–	–	–	–
	Nottingham ¶§	9 9 9	192	52·3	37·1	44·7	+2·8	59	30,31	29	8,12,21	41·8	42·3	14	·56	33	·26	25	7	5	1	1	1	–	12	11	–	3·95	121	33
	Sutton Bonington	9 9 9	157	52·2	34·8	43·5	+1·8	60	30	23	12	42·1	–	28	1·11	77	·40	31	7	6	0	0	0	–	18	–	–	3·92	105	33
Leicester	Leicester ..	9 9 9	325	52·9	34·5	43·7	–	59	17,30,31	25	12,15	41·9	–	23	·91	–	·45	31	6	5	0	0	0	0	4	13	–	3·69	–	31
Northampton	Oundle	9 9 9	147																											
	Peterborough ..	9 9 9	46	54·1	35·5	44·8	–	63	16	27	8	–	–	18	·70	–	·27	31	7	4	0	1	0	0	–	–	–	–	–	–
	Raunds	9 9 9	193	52·5	34·3	43·4	–	60	16	24	8,12	–	–	20	·77	–	·33	24	9	4	0	0	0	0	5	20	0	–	–	–
Warwick	Birmingham ¶§	18–7 7	535	50·3	37·9	44·1	+1·8	58	17	30	12,15	43·1	45·0	24	·94	49	·34	23	9	5	0	0	0	0	11	12	0	3·40	110	29
	,, Sparkhill	7 7 7	425	52·7	34·7	43·7	+2·2	61	17	25	15	–	–	25	·98	48	·36	23	8	5	0	0	1	0	13	18	2	–	–	–
	Coventry	9 9 9	241									43·1	45·2								0	0	0	0	5	–	–	3·27	101	28S
	Honiley	18–7 7	427	50·9	35·8	43·3	–	57	30,31	26	15	–	–	23	·89	–	·35	25	5	3	0	0	0	0	12	13	0	–	–	–
	Leamington Spa	9 9 9	163	52·1	35·7	43·9	+1·5	59	30	26	12,15	43·4	46·7	21	·82	–	·40	24	6	4	0	0	0	0	4	18	–	3·36	104	29
	Rugby	2121 9	390	53·3	34·4	43·9	+2·6	58	10,23,30	25	15	–	–	18	·72	40	·30	24	6	4	0	1	0	0	–	22	–	–	–	–
	Shipston on Stour	9 9 9	364	51·5	36·5	44·0	–	58	23,30	26	15	–	–	22	·87	–	·42	24	6	4	0	0	0	0	2	–	–	4·32	–	37
	Stratford on Avon	9 9 9	153	53·7	33·8	43·7	–	61	30	23	12,15	–	–	20	·79		·34	24	6	4	0	0	0	0	2	21	–	4·36	–	37
Oxford	Oxford .. ¶§	9 9 9	208	53·1	35·9	44·5	+1·7	60	27	28	8	43·0	44·1	20	·77	47	·52	24	6	3	0	0	0	0	5	18	0	4·29	114	36
	Upper Heyford ..	18–7 7	408	51·5	35·9	43·7	–	58	23,24	26	15	–	–	19	·75	–	·29	25	6	3	0	0	0	0	8	15	0	–	–	–
Stafford	Market Drayton	9 9 9	581	50·6	35·5	43·1	–	60	17	23	12	–	–	35	1·38	–	·36	25	9	6	0	0	0	0	6	12	–	4·02	–	34
	Mayfield	9 9 9	374	50·8	34·4	42·6	+2·3	58	17	22	15	–	–	21	·83	33	·20	31	10	5	0	0	0	0	–	17	0	3·95	118	33S
	Oaken	8 8 8	409	50·5	34·3	42·4	–	58	17	24	15	42·2	–	20	·79	–	·26	23	9	7	0	0	0	0	7	16	–	–	–	–
	Walsall	9 9 9	455	50·8	35·2	43·0	–	58	30	25	15,16	–	–	23	·91	–	·31	23	11	6	0	0	1	0	11	15	1	–	–	–
Shropshire	Newport	9 9 9	211	51·6	33·3	42·5	–	61	17	20	15	–	–	26	1·02	56	·30	23	9	6	0	0	0	0	1	19	2	3·68	–	31
	Oswestry	9 9 9	570	50·7	37·2	43·9	–	59	17	30	15	–	–	28	1·10	–	·58	23	7	6	0	0	1	0	6	12	0	4·04	–	34
	Shrewsbury ..	9 9 9	184	52·6	35·9	44·3	+2·4	60	17	23	15	44·0	45·7	27	1·07	–	·40	23	9	5	0	0	0	0	7	15	2	3·37	–	29
	Tern Hill ..	18–7 7	270	51·6	36·7	44·1	–	60	17	26	12,15	–	–	28	1·11	–	·33	23	8	6	0	0	0	0	3	11	0	–	–	–

¶§. § *See* Notes on Tables in Annual Summary.

TABLE III (*continued*)—Summary of Observations of Temperature, Rainfall, Sunshine and Weather MARCH, 1943

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation Max. Min. Rain	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES FAHRENHEIT: Means of A Max.	Means of B Min.	Mean of A and B	Difference from Average	Absolute Maximum and Minimum: Maximum	Date	Minimum	Date	Earth Temperature 1 ft	4 ft	RAINFALL: Total Fall mm	Total Fall in	Percentage of Average	Most in a day: Amount	Date	WEATHER Number of days: Precip'n ·01in (0·2mm) or more	Precip'n ·04in (1·0mm) or more	Snow	Snow lying	Hail	Thunderstorm	Fog (Morn'g Obs.)	Ground Frost	Gale	BRIGHT SUNSHINE: Daily Mean	Percentage of Average	Percentage of Possible
		G.M.T.	ft	°F	°F	°F	°F	°F		°F		°F	°F	mm	in	%	in											hr	%	%
4 MID COUNTIES—*cont.*																														
Worcester	Droitwich ..	9 9 9	106	53·0	33·7	43·3	–	60	17,30	21	12,15	–	–	25	·97	–	·39	23	6	3	0	0	0	0	1	–	–	4·22	–	36
	Malvern	9 9 9	380	51.7	37·9	44·8	+2·2	59	17	30	15	42·4	43·3	31	1·21	62	·57	24	7	3	0	0	0	0	8	–	4·59	121	39
	Prestwood ..	9 9 9	260	52·8	35·3	44·1	–	61	17	24	12,15	–	–	22	·87	–	·28	23	8	6	0	0	0	0	10	21	–	–	–	–
	Worcester, P'well	9 9 9	94	53·4	34·5	43·9	+1·3	60	17,30	23	12,15	–	–	26	1·02	–	·44	24	7	3	0	0	0	0	–	22	–	4·14	–	35
Hereford	Hereford ..	9 9 9	292	52·7	35·2	43·9	+2·0	59	17	26	12	–	–	39	1·55	79	·70	24	11	3	–	–	–	0	14	–	–	–	–
	Ross-on-Wye ¶§	18-7 7	223	52·5	37·3	44·9	+1·7	59	17	26	12,15,21	44·3	45·1	27	1·08	53	·49	25	5	3	0	0	0	0	3	15	0	4·83	129	41
Gloucester	Cheltenham ..	2121 9	214	53·3	36·5	44·9	+2·0	59	17,23,27	27	12	44·1	45·1	20	·80	42	·44	24	7	4	0	0	0	0	3	18	0	4·46	118	38
	Frampton Cotterell	9 9 9	158	54·2	36·2	45·2	–	61	17	25	12	45·0	45·4	31	1·21	–	·62	24	6	5	0	0	0	0	0	21	–	–	–	–
	Parkend	9 9 9	325	52·1	35·0	43·5	–	58	17,31	25	12,15	42·7	44·0	36	1·40	–	·62	24	7	5	0	0	0	0	0	20	–	4·52	–	38
	Stonehouse ..	9 9 9	150	53·9	35·6	44·7	–	62	17	26	15	–	–	27	1·05	–	·53	24	6	5	0	0	0	0	0	22	–	–	–	–
5 ENGLAND, S.E.																														
London	City, Bunhill Row	—	—																									2·45	92	21
	Camden Square ..	9 9 9	110	53·5	38·5	46·0	+2·3	60	16	31	8	42·2	43·8	8	·32	17	·26	24	4	2	–	–	0	0	–	14	–	–	–	–
	East Ham ..	9 9 9	15	53·3	37·9	45·6	+2·7	61	30	31	8,15,16	–	–	8	·30	18	·24	24	4	1	–	–	–	–	–	–	–	–	–	–
	Enfield	9 9 9	87	52·7	36·4	44·5	+1·4	59	16	28	12,15	–	44·1	8	·32	17	·27	24	2	2	0	0	0	0	8	15	–	–	–	–
	Greenwich ..	2424 9	149	52.6	36·8	44·7	+1·6	60	16	28	21	43·0	44·2	7	·28	16	·20	24	4	1	0	0	0	0	10	20	1	3·72	109	32
		21 9 –	—	52·6	37·5																									
	Hampstead ..	9 9 9	450	51·6	35·6	43·6	+1·7	58	30	30	15	–	–	9	·34	–	·27	24	4	2	0	–	1	0	–	19	–	3·92	112	33
	Kensington ..	18-9 9	80	53·3	37·9	45·6	+1·1	60	30	30	8	43·5	44·5	8	·30	16	·25	24	4	1	0	0	0	0	–	15	0	–	–	–
	Kingsway ..	—	—																									2·66	–	23
	Regent's Park ..	9 9 9	129	52·2	38·4	45·3	–	58	16	31	8	–	–	8	·30	–	·25	24	2	2	0	0	0	0	8	13	–	3·15	111	27
	Kew ¶§	242424	18	52·3	38·1	45·2	+2·1	59	30	28	21	42·4	44·6	9	·34	20	·28	25	3	1	0	0	0	0	11	22	0	3·53	101	30
	Observatory ..	18-7 –	—	52·3	38·5	45·4	+1·1																							
	Southgate ..	9 9 9	221	52·7	37·0	44·9	–	59	30	28	15	43·6	–	13	·52	–	·36	24	8	2	0	0	0	0	5	16	0	4·20	–	36
	Tottenham ††¶§	2121 9	54	53·9	38·3	46·1	+2·4	61	30	29	15	–	45·5	10	·41	24	·28	24	6	3	–	0	0	0	–	18	–	3·58	111	30
	Wealdstone ..	9 9 9	192	53·5	36·1	44·8	–	61	16	28	15,16	–	–	11	·44	23	·31	24	6	3	0	0	0	0	5	17	0	4·38	–	37
	Westminster ..	9 9 9	27	53·6	38·4	46·0	+1·9	62	30	31	12	–	–	8	·30	18	·25	24	4	1	0	–	0	0	–	8	–	2·37	80	20
Surrey	Addington ..	9 9 9	473	52·1	35·9	44·0	+2·3	59	24,25,30	29	8	–	–	7	·28	–	·19	24	5	2	–	–	–	–	9	–	–	–	–	–
	Croydon	18-7 7	217	53·3	37·3	45·3	+1·8	61	16,23,24	28	15	–	–	7	·27	13	·18	24	4	2	0	0	0	0	9	16	0	4·09	104	35
	Farnham ..	9 9 9	260	54·1	34·1	44·1	–	61	30	25	10	–	–	12	·46	–	·41	24	4	1	0	0	0	0	11	21	–	–	–	–
	Milford	9 9 9	180	54·8	32·0	43·4	–	62	30	22	8,10,21	–	–	13	·52	–	·44	24	7	1	0	0	0	0	8	20	–	4·95	–	42
	Wisley	9 9 9	150	54·0	34·8	44·4	+1·7	62	30	25	15	43·4	44·6	9	·34	18	.27	24	5	1	0	0	0	0	10	23	0	4·24	115	36s
Kent	Bromley	9 9 9	213	53·5	35·9	44·7	–	61	25,30	28	15,18	–	–	7	·28	15	·22	24	2	2	0	0	0	0	8	18	–	–	–	–
	Canterbury ..	9 9 9	135	52·7	35·4	44·1	+1·0	61	30	25	10	43·4	43·7	5	·20	–	·15	24	3	1	–	–	–	–	–	17	–	–	–	–
	Deal	9 9 9	18	51·2	37·5	44·3	+0·9	62	30	25	10	43·4	45·1	10	·40	–	·21	25	3	2	0	0	0	1	7	22	–	–	–	–
	Dover	7 7 7	200	51·0	32·9	41·9	-0·8	60	25	23	10	–	–	16	·63	30	·35	25	5	3	0	0	0	1	–	–	–	–	–	–
	Dungeness ..	18-7 7	20	50·9	37·3	44·1	+1·4	56	31	25	10	–	–	9	·35	20	·20	24	5	2	0	0	0	0	3	–	0	–	–	–
	East Malling ..	9 9 9	132	52·7	(54·1)	(53·4)	(+0·9)	61	24,30	(25)	(10)	–	–	8	·33	–	·22	24	4	3	0	0	0	0	8	24	.0	–	–	–
	Goudhurst ..	9 9 9	290	53·0	34·3	43·7	–	61	30	25	8,10,23	–	–	8	·33	–	·19	24	6	3	0	0	0	0	4	–	–	–	–	–
	Lympne	18-7 7	283	50·7	36·4	43·5	+1·6	58	25	29	10	–	–	13	·52	24	·22	24	8	3	0	0	0	0	4	13	0	5·15	108	44
	Manston	18-7 7	154	50·3	38·1	44·2	–	61	30	31	10	–	–	5	.20	–	·12	24	4	1	0	0	1	1	4	9	0	4·56	–	39
	Ramsgate	9 9 9	80	50·0	40·0	45·0	+2·1	61	30	34	10	–	–	8	·30	–	·13	25	3	3	0	0	0	0	4	–	–	4·40	102	37
	Tunbridge W. ..	9 9 9	351	52·6	33·4	43·0	+0·9	61	16	24	10	42·0	43·2	11	·43	–	·18	24	6	3	0	0	0	0	2	21	0	4·87	120	41
	Whitstable ..	9 9 9	9	51·3	36·9	44·1	–	61	25,30	24	10	–	–	6	·23	–	·20	24	3	1	0	0	0	0	3	–	–	4·09	–	35
	Wye	9 9 9	164	52·6	35·6	44·1	+1·8	61	24	24	10	–	–	5	·21	–	·16	24	3	1	0	0	0	0	–	14	–	4·77	106	40
	Margate	9 9 9	51	49·6	40·9	45·3	+2·0	61	30	33	10	44·2	45·5	10	·38	24	·23	25	3	2	0	0	0	0	1	2	0	4·36	97	37
Sussex	Beachy Head ..	18-7 7	502	48·6	39·0	43·8	+2·1	55	18	35	5,19,21	–	–	9	·36	–	·25	24	6	2	0	0	0	0	3	–	–	–	–	–
	Bexhill	9 9 9	12	51·2	38·5	44·9	+1·8	57	18,31	29	10	45·5	–	8	·32	–	·22	24	4	2	0	0	0	0	0	6	–	–	–	–
	Bodiam	9 9 9	71	52·5	33·6	43·1	–	59	17,30	22	10	–	–	6	·24	–	·19	24	2	2	0	0	0	0	7	22	–	4·69	–	39
	Bognor	9 9 9	24	51·4	38·2	44·8	+1·7	59	18	31	10,16	–	46·5	14	·55	–	·41	24	5	3	0	0	0	0	0	–	–	5·14	112	44
	Hastings ¶§	2121 9	149	52·2	38·5	45·3	+2·2	59	25	32	16	45·4	46·7	9	·36	17	·21	24	5	3	0	0	0	0	0	7	0	5·11	114	43
	Horsham	9 9 9	350	54·3	33·0	43·7	–	61	16,30	23	10	42·4	–	12	·47	–	·31	24	5	2	0	0	0	0	2	22	–	–	–	–
	Littlehampton ..	9 9 9	15	52·4	37·9	45·1	+2·6	60	18	29	10,16	–	45·0	12	·48	–	·37	24	4	1	0	0	0	0	0	–	–	5·09	108	43
	Patcham ..	9 9 9	200	53·0	35·8	44·4	–	60	17	25	10	44·0	–	11	·44	–	·29	24	7	2	0	0	0	0	–	18	0	–	–	–
	Seaford	9 9 9	45	51·2	37·2	44·2	–	57	19	28	10,17	–	–	13	·52	–	·31	24	4	2	0	0	0	0	2	–	–	–	–	–
	Thorney Is. ..	18-7 7	10	53·7	37·6	45·7	–	60	30	27	16	–	–	16	·65	–	·47	24	4	3	0	0	0	0	1	16	0	–	–	–
	Worthing ..	9 9 9	25	52·0	39·6	45·8	+2·6	59	18	32	16	43·9	45·5	11	·43	22	·35	24	4	2	0	0	0	0	0	12	–	5·21	112	44
Berkshire	Reading .. †	9 9 9	152	54·3	36·9	45·6	+2·7	60	18,23,27	28	15,21	43·5	44·6	13	·53	–	·36	24	5	2	0	0	0	0	–	18	–	4·50	–	38
	Shinfield ..	9 9 9	200	53·7	35·2	44·5	+1·8	60	23	25	15	–	–	11	·45	–	·34	24	5	2	0	0	0	0	–	18	–	–	–	–
Hampshire	Bournemouth ..	9 9 9	139	54·6	38·1	46·3	+2·7	61	18,27,30	30	10,21	43·7	44·6	26	1·01	43	·85	24	4	2	0	0	0	0	1	–	–	4·96	111	42
	Bramley	9 9 9	196	54·3	33·1	43·7	–	60	23,30	23	15	43·7	45·3	12	·47	–	·35	24	4	2	0	0	0	0	6	18	–	–	–	–
	Leckford	9 9 9	385	52·3	35·7	44·0	–	59	23,30	28	10,16	42·1	–	15	·60	–	·44	24	5	4	0	0	0	0	1	–	–	4·21	–	36
	Long Sutton ..	9 9 9	479	54·3	33·8	44·1	+2·0	61	27,30	23	8	–	–	14	·55	–	·43	24	5	2	0	0	0	0	3	16	–	4·84	109	41
	Portsmouth ..	9 9 9	15	53·6	39·9	46·7	+2·6	60	18,30	32	10	44·7	45·9	17	·67	34	·61	24	4	1	0	0	0	0	3	11	–	5·16	116	44
	Southampton ¶§	2121 9	64	54·5	37·8	46·1	+2·6	62	30	30	10,16	–	–	16	·62	27	·46	24	7	3	0	0	0	0	1	12	0	4·96	122	42
	S. Farnboro' ..	18-7 7	226	54·1	35·1	44·6	+1·7	61	30	25	8,15,21	–	–	9	·35	18	·25	24	5	2	9	0	0	0	10	19	1	4·76	120	40
I. of Wight	*Newport	9 9 9	48	54·3	35·9	45·1	+1·6	60	18,27	24	21,30	44·6	45·7	16	·64	–	·54	24	6	2	0	0	0	0	4	21	–	5·00	–	42
	Ryde	9 9 9	13	52·4	40·0	46·2	+2·5	59	30	32	10	–	–	19	·76	–	·63	24	5	3	0	0	0	0	1	–	0	5·22	126	44
	St. Catherine's Pt.	18-7 7	150	51·1	40·5	45·8	–	55	19,28	36	5,15,21	–	–	22	·85	–	·71	24	5	3	0	0	0	0	2	–	0	–	–	–
	Sandown	9 9 9	13	52·1	39·9	46·0	+2·1	59	18	33	10	–	–	20	·78	–	·70	24	3	3	0	0	0	0	0	–	–	5·19	112	44
	Totland Bay ..	9 9 9	140	52·4	38·5	45·5	+2·2	59	19	31	10,21	–	–	20	·77	37	·61	24	6	2	0	0	0	0	1	14	1	5·19	114	44
	Ventnor(Hospital)	9 9 9	60	52·7	41·0	46·9	+2·6	60	18	36	5,17	–	–	20	·78	38	·66	24	5	3	0	0	0	0	–	–	0	5·29	112	45
Wiltshire	Amesbury ..	18-7 7	417	52·4	36·3	44·3	–	58	18,30	27	10	–	–	13	·51	–	·29	24	7	3	0	0	0	0	3	15	0	4·53	–	38
	Larkhill	9 9 9	440	51·8	35·9	43·9	+1·8	57	18,27,30	28	10	–	–	14	·54	28	·38	24	6	2	0	0	0	0	1	15	0	–	–	–
	Marlboro' ¶§	9 9 9	424	52·4	32·7	42·5	+1·3	59	17	24	15	–	46·0	21	·81	32	·39	24	7	4	0	0	0	0	15	22	1	4·30	124	36
	Porton	9 9 9	363	52·5	35·0	43·7	+1·8	59	23,27,30	26	15	43·1	–	13	·52	26	·42	24	3	3	0	0	0	0	1	19	0	4·66	105	39

¶§, § *See* Notes on Tables in Annual Summary. †† Tottenham is used as a "district value" station for England, E., and not for England, S.E. † Sunshine recorder is at Seed Trial Grounds.

* Sunshine recorder and earth thermometers at Staplers.

TABLE III (*continued*)—Summary of Observations of Temperature, Rainfall, Sunshine and Weather MARCH, 1943

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation: Max. Min. Rain	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES FAHRENHEIT: Means of A Max.	B Min.	Mean of A and B	Difference from Average	Absolute Maximum and Minimum: Maximum	Date	Minimum	Date	Earth Temperature 1 ft	4 ft	RAINFALL: Total Fall mm	in	Percentage of Average	Most in a day: Amount	Date	WEATHER Number of days: Precip'n 0·1in (0·2 mm) or more	0·4in (1·0 mm) or more	Snow	Snow lying	Hail	Thunderstorm	Fog (Morn'g Obs.)	Ground Frost	Gale	BRIGHT SUNSHINE: Daily Mean	Percentage of Average	Percentage of Possible
		G.M.T.	ft	°F	°F	°F	°F	°F		°F		°F	°F	mm	in	%	in												hr	%	%
7a ENGLAND, N.W.																															
Cumberland	Keswick	9 9 9	254	50·7	37·0	43·9	+2·4	58	18	27	14	42·9	44·2	43	1·70	38	·96	29	8	7	0	0	1	0	0	16	0	4·11	123	35
	Newton Rigg ¶§	2121 9	560	50·7	35·1	42·9	+3·2	58	18	26	14	–	–	26	1·03	37	·37	30	10	6	0	0	0	0	1	14	0	4·55	133	39
Westmorland	Ambleside ..	9 9 9	145	51·6	34·7	43·1	–	59	23	22	14	–	–	65	2·56	–	·95	29	13	12	0	0	0	0	0	–	–	3·64	–	31
	Appleby	9 9 9	440	50·2	34·2	42·2	+2·1	56	23	22	14	–	–	31	1·23	46	·64	30	11	6	0	0	0	0	–	–	–	–	–	–
Lancashire	Blackpool ..	9 9 9	65	50·5	38·1	44·3	+2·2	59	18	28	12,14	44·4	45·0	16	·63	26	·13	25	12	6	0	0	0	0	6	13	–	4·61	117	39
	Bolton	9 9 9	342	50·5	35·8	43·1	+1·7	56	16,18	27	12,15	42·0	43·0	33	1·30	41	·30	29	11	8	0	0	0	0	–	7	–	3·28	144	38
	Burnley	9 9 9	458	49·1	35·4	42·3	+2·2	55	16	25	12,14,15	41·5	42·9	32	1·24	–	·36	25	12	7	0	0	1	0	5	21	2	–	–	–
	Darwen	2121 9	724																												
	Fleetwood ..	9 9 9	21	51·5	38·2	44·9	–	59	18	27	14	–	–	15	·59	–	·14	25	13	6	0	0	0	0	2	6	1	4·59	–	39
	Hutton	9 9 9	82	50·8	37·0	43·9	+2·4	57	18	26	12	42·6	44·1	22	·88	–	·31	25	9	5	0	0	0	0	–	16	1	4·08	121	35
	Leyland	9 9 9	125	50·6	36·3	43·5	+1·9	55	6,16,30	26	5,12	–	–	19	·73	28	·35	25	5	4	0	0	0	0	2	17	–	–	–	–
	Manchester (Burnage) ..	9 9 9	147	52·3	36·6	44·5	–	58	16,17	27	12,15	–	–	23	·90	–	·25	23	8	5	0	0	0	0	7	–	–	3·15	–	27
	(Whitworth Pk.)	2121 9	125	52·6	37·8	45·2	+2·7	63	23	28	15	42·5	44·0	20	·80	35	·22	29	7	5	0	0	0	0	9	15	1	2·75	116	23
	Morecambe ..	9 9 9	23	49·9	38·9	44·4	+3·1	58	18,23	29	14	–	–	28	1·09	39	·34	29	12	9	0	0	0	0	4	–	0	4·71	122	23
	Nelson	9 9 9	540	48·2	35·9	42·1	–	54	16,18	27	13,14	40·9	42·7	34	1·35	–	·38	25,29	9	6	–	–	–	–	11	12	–	3·09	–	26
	Southport (Bedford Rd.Pk.) ¶§	9 9 9	35	50·7	37·4	44·1	+2·1	58	18	27	14	42·8	44·5	19	·75	34	·25	25	9	6	0	0	0	0	6	12	1	4·71	121	40
	Stonyhurst ¶§	9 9 9	377	48·9	36·6	42·7	+1·9	44	18	29	12,14,15	–	–	40	1·58	43	·52	29	14	7	0	0	0	0	1	10	1	4·06	123	34
Cheshire	Bidston Obs'y ..	9 9 9	198	49·4	39·2	44·3	+2·2	56	16,30	32	8,15	–	–	14	·54	28	·17	25	8	5	–	–	–	–	8	4	–	3·88	116	33
	Hoylake	9 9 9	22	51·9	38·7	45·3	+2·6	59	16	28	14,15	–	–	15	·59	32	116	25	9	7	0	0	0	0	–	9	–	4·50	120	38
	Macclesfield ..	9 9 9	500	50·0	37·0	43·5	+2·9	59	17	28	12	–	–	24	·94	35	·20	25,29	9	7	0	0	0	0	2	–	–	–	–	–
	Manchester (Ringway) ..	18-7 7	235	51·4	36·9	44·1	–	59	17	27	13,14	–	–	23	·91	–	·23	25	7	6	0	0	0	0	7	18	0	–	–	–
	Warburton ..	9 9 9	68	51·5	35·0	43·3	–	57	16,..3,30	24	15	–	–	22	·88	–	·31	25	6	5	0	0	0	0	10	19	–	3·53	–	30
	West Kirby ..	9 9 9	25	51·4	37·8	44·6	+1·8	58	16,18	27	14	–	–	11	·43	23	·17	25	8	4	0	0	1	0	0	13	–	4·46	110	38
7b NORTH WALES																															
Flint	Hawarden B'dge	9 9 9	17	53·2	37·5	45·3	+2·4	61	16	25	14,23	–	–	23	·91	–	·33	25	10	3	0	0	0	0	3	–	–	–	–	–
	Prestatyn ..	9 9 9	18	51·6	39·3	45·5	–	58	18,30	28	15	–	–	22	·85	–	·36	31	7	3	0	0	0	0	1	–	–	4·24	–	36
	Rhyl	9 9 9	31	51·5	39·9	45·7	+3·0	59	30	30	12,14	–	–	17	·69	40	·25	31	9	4	0	0	1	0	1	9	2	4·64	118	39
	Sealand .. ¶§	18-7 7	16	52·9	38·7	45·8	+3·2	62	16	27	14,23	44·7	45·5	23	·90	52	·31	25	10	5	0	0	0	0	6	12	–	4·68	127	40
Anglesey	Holyhead ¶§	8 8 8	26	50·9	40·4	45·7	+1·6	55	18,27,28	32	8	–	–	28	1·10	42	·39	31	10	6	–	–	–	–	–	2	–	4·93	122	42
	Holyhead (Valley)	18-7 7	32	51·5	38·7	45·1	–	60	23	28	12	–	–	26	1·04	–	·27	31	12	10	0	0	0	0	4	11	1	–	–	–
Denbigh	Colwyn Bay ..	9 9 9	118	51·4	40·1	45·7	+2·3	59	30	31	14	–	–	30	1·17	–	·70	31	9	4	0	0	0	0	0	–	–	4·53	117	38
Carnarvon	Aber	9 9 9	60	51·4	40·8	46·1	+1·8	58	30	33	14	–	–	32	1·26	–	·51	31	12	8	0	0	0	0	0	7	0	4·16	103	358
	Llandudno ..	9 9 9	13	50·8	40·7	45·7	+2·3	56	23,30	32	12,14	–	–	23	·90	44	·47	31	11	5	0	0	0	0	0	9	0	4·47	114	38
Montgomery	Lake Vyrnwy ..	9 9 9	750	49·3	34·7	42·0	–	56	21	25	8	–	–	48	1·89	–	·46	31	9	8	0	0	0	0	0	10	–	–	–	–
	Welshpool ..	9 9 9	254	52·7	34·5	43·6	+1·7	62	17	24	12	–	–	23	·91	41	·45	23	7	4	0	0	0	0	7	–	–	–	–	–
8a SOUTH WALES																															
Cardigan	Aberporth ..	18-7 7	376	50·3	39·4	44·9	–	58	23	31	12	–	–	21	·83	–	·26	24	10	5	0	0	0	0	0	14	0	5·04	–	43
	Aberystwyth ..	9 9 9	12	50·9	40·5	45·7	+2·8	59	18,23	31	12	–	–	37	1·44	–	·65	24	12	6	0	0	0	0	1	–	–	4·66	116	39
	„ Llety-evan-hen	9 9 9	950	47·7	37·9	42·8	–	54	18,21	31	8,12	–	–	22	·85		·23	23	11	8	0	0	0	0	–	9	–	4·32	–	37
	„ P.B.S.†	9 9 9	452	49·9	39·2	44·5	+1·8	59	24	30	12	–	–	31	1·21	–	·43	24	14	8	0	0	1	0	3	13	0	4·68	114	40
Pembroke	Haverfordwest ..	2121 9	127	52·3	37·0	44·7	+1·9	61	18	23	15	–	–	31	1·21	–	·47	24	10	8	0	0	0	0	0	–	–	4·88	113	48
	St. Ann's Hd. ¶§	18-7 7	142	50·5	42·3	46·4	+2·2	56	18	35	20	–	–	24	·95	35	·33	24	10	5	0	0	0	0	0	–	2	4·48	108	38
	Tenby	9 9 9	64	52·1	40·5	46·3	+3·0	56	1,18,30	29	15	–	–	41	1·60	–	·69	24	11	7	0	0	0	0	1	11	–	4·63	109	39
Radnor	Rhayader ¶§	9 9 9	757	50·2	34·9	42·5	+2·3	60	17	22	12	–	–	34	1·33	30	·41	23	12	6	0	0	0	0	2	18	0	4·17	121	35
Brecknock	Cantref	9 9 9	1080	47·8	35·5	41·7	–	54	18	26	12	–	–	41	1·62	–	·62	29	13	11	0	0	0	0	1	–	–	4·82	–	41
	Crickhowell ..	9 9 9	230	53·1	36·3	44·7	–	59	30	26	12	–	–	24	·93	–	·40	24	8	4	0	0	0	0	0	17	–	–	–	–
Glamorgan	Cardiff	2121 9	203	52·5	38·4	45·5	+2·9	58	6,27	30	12,15	44·2	46·0	36	1·41	43	·65	24	9	6	0	0	0	0	0	5	0	4·76	123	40
	St. Athan ..	18-7 7	145	50·8	38·9	44·9	–	58	18	30	15	–	–	27	1·08	–	·33	24	9	5	0	0	0	1	3	15	0	–	–	–
	Swansea	9 9 9	32	53·1	41·5	47·3	+3·4	59	23	32	15	46·1	50·2	38	1·50	–	·62	24	11	7	0	0	0	0	0	12	–	4·38	114	37
8b ENGLAND, S.W.																															
Monmouth	Newport ..	9 9 9	265	53·1	38·4	45·7	+2·1	60	27	29	12	43·7	45·6	46	1·80	–	1·00	24	9	4	–	–	–	–	6	–	–	4·76	–	40
	Usk	9 9 9	70	53·3	35·5	44·4	+1·9	59	17	24	15	44·1	–	33	1·30	–	·75	24	4	4	0	0	0	0	16	18	1	4·40	121	37
Somerset	Bath .. ¶§	9 9 9	67	52·6	36·9	44·7	+1·6	58	17,23,27	26	12	44·2	45·8	27	1·07	47	·67	24	7	5	0	0	0	0	0	–	2	4·82	123	41
	Bristol (Airport) ..	18-7 7	209	53·2	37·5	45·3	–	59	17,23,24	27	15,21	–	–	31	1·21	–	·49	24	8	4	0	0	0	0	3	18	0	4·68	–	40
	Cannington ..	9 9 9	95	53·5	37·8	45·7	–	60	18,23,	30	10	–	–	34	1·34	–	1·02	24	8	3	0	0	0	0	0	18	0	4·95	–	42
	Long Ashton ..	9 9 9	162	52·8	36·5	44·7	+1·2	60	23	28	12,15	–	–	32	1·25	49	·68	24	7	6	0	0	0	0	1	21	–	4·77	116	40
	Weston-s.-Mare ..	9 9 9	28	52·8	38·6	45·7	–	60	23	30	15	–	–	33	1·28	63	·80	24	5	5	0	0	0	0	2	10	–	5·01	134	42

¶§, § *See* Notes on Tables in Annual Summary. † Plant Breeding Station.

TABLE III (*continued*)—Summary of Observations of Temperature, Rainfall, Sunshine and Weather MARCH, 1943

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation: Max. Min. Rain	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES FAHRENHEIT: Means of A Max.	Means of B Min.	Mean of A and B	Difference from Average	Absolute Maximum and Minimum: Maximum	Date	Minimum	Date	Earth Temperature 1 ft	Earth Temperature 4 ft	RAINFALL: Total Fall mm	Total Fall in	Percentage of Average	Most in a day: Amount in	Most in a day: Date	WEATHER Number of days: Precip'n +01in (0·2mm) or more	Precip'n +04in (1·0mm) or more	Snow	Snow lying	Hail	Thunderstorm	Fog (Morst'g Obs.)	Ground Frost	Gale	BRIGHT SUNSHINE: Daily Mean	Percentage: of Average	Percentage: of Possible
		G.M.T.	ft	°F	°F	°F	°F	°F		°F		°F	°F															hr	%	%
8b ENGLAND, S.W.—*cont.*																														
Dorset	Holton Heath ..	9 9 9	64	53·5	36·9	45·2	+1·9	60	18,30	27	10	44·8	45·6	23	·91	–	·76	24	5	3	0	0	0	0	0	18	0	5·15	115	44
	Poole	9 9 9	18	54·9	36·9	45·9	–	62	27	28	10,15	–	–	25	·97	–	·83	24	4	2	0	0	0	0	1	–	–	4·69	–	40
	Portland Bill ..	18–7 7	32	49·0	41·1	45·1	+1·0	52	1,27,31	35	21	–	–	18	·71	38	·43	24	6	4	0	0	0	0	1	–	0	–	–	–
	Shaftesbury ..	9 9 9	722	50·8	36·6	43·7	–	55	18,27,30	30	21	–	–	19	·76	–	·47	24	6	5	0	0	0	0	–	–	–	–	–	–
	Swanage	9 9 9	14	52·0	40·2	46·1	–	60	27	33	20	–	–	24	·93	–	·79	24	6	3	0	0	0	0	1	1	–	4·96	–	42
	Weymouth ..	9 9 9	16																											
Devon	Barnstaple ..	9 9 9	25	52·2	38·0	45·1	+0·9	60	23	27	17	–	–	31	1·24	47	·59	24	11	5	–	–	–	–	0	9	–	–	–	–
	Cullompton ¶§	9 9 9	202	54·9	36·4	45·7	+2·4	60	1,18,23	26	15	45·6	–	33	1·31	48	·87	24	11	4	0	0	0	0	1	16	–	4·69	116	40
	Dawlish	9 9 9	17	52·9	39·0	45·9	–	60	30	30	20	–	–	31	1·23	–	·77	24	5	3	–	–	–	–	0	7	–	4·95	–	42
	Exmouth ..	9 9 9	195	51·6	39·9	45·7	+2·2	59	30	32	20	–	–	32	1·27	–	·83	24	6	3	0	0	0	0	0	–	0	4·87	124	41
	Hartland Pt. ..	18–7 7	299	50·1	42·2	46·1	–	56	18	35	8	–	–	26	1·02	–	·36	24	12	6	0	0	0	0	1	0	0	4·77	–	40
	Ilfracombe ..	9 9 9	25	51·7	41·9	46·8	+1·9	60	23	35	12,15	47·0	49·1	32	1·27	46	·56	24	7	6	0	0	0	0	0	6	–	5·31	133	45
	Killerton ..	9 9 9	159	54·1	37·8	45·9	+2·4	58	23,30	26	20	–	–	29	1·15	–	·84	24	4	4	–	–	–	–	0	16	–	–	–	–
	*Newton Abbot ..	9 9 9	375	52·1	38·5	45·3	+1·4	58	26,30	32	9	–	–	42	1·67	57	·95	24	6	4	0	0	0	0	0	13	–	4·50	104	38
	Plymouth (Hoe)	2121 9	117	53·5	40·8	47·1	+2·6	59	18,26	34	2,10,15	46·2	47·4	26	1·04	36	·40	24	10	7	0	0	0	0	4	12	0	4·81	110	41
	Plymouth (Mount Batten) ..	18–7 7	86	52·4	40·2	46·3	+1·6	58	18	32	10,15	–	–	30	1·17	–	·37	24	11	7	0	0	0	0	0	17	0	4·79	107	41
	Princetown ..	9 9 9	1359	47·2	36·0	41·6	+2·4	53	18	31	14	–	–	63	2·49	36	·86	24	14	12	0	0	0	0	11	10	–	–	–	–
	Seaton	9 9 9	43	53·6	38·6	46·1	–	60	18,27,30	29	20	–	–	36	1·41	–	1·05	24	5	5	0	0	0	0	0	15	–	–	–	–
	Sidmouth ..	9 9 9	25	53·1	39·7	46·4	+2·9	59	30	31	20	–	–	35	1·38	–	1·08	24	3	3	0	0	0	0	0	7	–	5·01	–	42
	Tavistock ..	9 9 9	457	52·9	37·5	45·2	+1·9	59	20	29	10	–	47·4	29	1·15	29	·48	24	9	7	0	0	0	0	2	21	0	–	–	–
	Teignmouth ..	9 9 9	20	52·2	39·8	46·0	+1·5	60	30	32	20	–	–	36	1·42	31	·80	24	7	5	0	0	0	0	0	3	–	5·02	115	43
	Torquay	9 9 9	27	52·0	40·0	46·0	+1·3	59	30	32	10	–	46·9	31	1·23	44	·69	24	5	5	0	0	0	0	0	9	0	4·41	99	37
	Totnes	9 9 9	100	52·9	34·5	43·7	–	60	26	25	10,15	43·6	–	39	1·54	–	·69	24	6	4	0	0	0	0	–	21	0	–	–	–
Cornwall	Bude	9 9 9	50	52·8	39·8	46·3	+2·1	59	18,19	29	8,15	–	–	25	·98	40	·42	24	11	5	0	0	0	0	0	–	–	4·98	112	42
	Ellbridge	9 9 9	200	53·1	38·8	45·9	–	60	18	29	10	–	–	33	1·29	–	·35	24	9	9	0	0	0	0	3	18	–	4·95	–	42
	Falmouth Obs. ¶§	9 9 9	167	53·2	42·7	47·9	+3·1	58	6,18,30	35	12	48·0	48·4	19	·74	21	·21	29	10	5	0	0	0	0	0	7	–	4·07	93	35
	Fowey	9 9 9	51	54·5	39·8	47·1	+1·8	60	6	32	10,15	–	–	22	·87	–	·26	24	9	4	0	0	1	0	3	–	–	4·26	100	36
	Gulval	9 9 9	20	53·4	42·7	48·1	+2·6	57	30	35	10	–	–	16	·63	–	·20	29	9	5	0	0	0	0	1	7	–	4·33	97	37
	The Lizard ..	18–7 7	240	51·9	43·2	47·5	–	55	27,28	33	10	–	–	21	·81	–	·28	24	13	6	0	0	0	0	2	–	0	4·46	–	38
	Newquay ..	9 9 9	182	51·5	41·2	46·3	+2·2	60	18	30	15	46·0	47·4	17	·69	28	·15	29	12	6	0	0	0	0	0	–	0	4·76	107	40
	Penzance	9 9 9	55	53·3	43·1	48·2	+1·9	59	18	35	10	–	–	18	·71	22	·20	29	11	5	0	0	0	0	0	–	–	3·91	90	33
	Tintagel	9 9 9	280	50·4	42·2	46·3	–	58	18,23	37	12,14	–	–	20	·79	–	·17	29	12	6	0	0	0	0	1	–	–	4·96	–	34
NORTHERN IRELAND																														
Londonderry	Castlerock ..	9 9 9	57	51·5	39·9	45·7	–	55	5,16,22	31	12	–	–	28	1·12	–	·21	29	14	9	1	0	2	0	0	1	1	–	–	–
	Garvagh .. ¶ (Moneydig)	7 7 7	121	51·4	37·1	44·3	+3·2	57	17,18	27	12,13	–	–	32	1·27	41	·33	30	15	11	1	0	2	0	1	17	–	–	–	–
Antrim	Aldergrove ¶§	18–7 7	294	49·9	38·6	44·3	+2·6	56	18	27	12	–	–	25	·99	39	·21	29	17	10	0	0	2	0	1	12	0	3·30	92	28
Down	Ballyhalbert ††	9 9 9	34	50·8	40·0	45·4	–	55	29,30	31	12,13	–	–	8	·32	–	·07	29	8	5	0	0	1	0	0	7	2	3·79	–	32
	Hillsborough §	9 9 9	388	48·6	38·4	43·5	–	54	18	28	12	43·9	–	29	1·14	–	·26	30	17	11	0	0	1	0	0	8	0	3·25	94	38
Armagh	Armagh .. ¶§	2121 9	205	51·2	38·8	45·0	+2·9	56	5,18,27	30	12	44·8	44·9	30	1·17	50	·26	30	18	7	0	0	1	0	1	9	0	3·70	106	31
Scilly	St. Mary's	18–7 7	163																											
GIBRALTAR	.. .. ..	18–7 7	400	60·2	52·9	56·5	+1·6	69	29	49	8,15	–	–	178	7·01		2·56	12	19	16	0	0	1	2	0	0	0	5·70	–	48
MALTA	.. .. ..	18–7 7	231	61·2	53·5	57·3	+0·6	70	29	49	24	–	–	111	4·35	326	1·54	14	9	6	0	0	1	1	0	–	0	6·05	94	51

¶§, § *See* Notes on Tables in Annual Summary. †† Sunshine recorder is at Mount Stewart. * Seale-Hayne College.

TABLE III (*a*)—SKY OBSERVATIONS, MARCH, 1943

WEATHER DIARY ROYAL OBSERVATORY, GREENWICH	Number
Persistently overcast days	0
,, cloudless ,,	0
,, foggy ,,	0

NIGHT SKY RECORDER**	GREENWICH	PORTON
Recorder in operation on	31 nights	29nights
Average exposure (hours)	9·7	9·5
Polaris unobscured (per cent.)	53	56
δ Ursæ Minoris (ditto)	46	45

** *See* Meteorological Magazine, May, 1920, p. 70.

TABLE III (*b*)—SOLAR RADIATION

DIRECT SOLAR RADIATION KEW OBSERVATORY

	Cal./cm.²/diem.
Max. (on 16th)	250
Mean	96·9

TABLE IV—Summary of Observations at fixed hours MARCH, 1943

DISTRICT, COUNTY AND PLACE	Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE: At Mean Sea Level	MEAN PRESSURE: Difference from Average	TEMPERATURE AND HUMIDITY: Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	CLOUD AMOUNT: Mean Amount	No. of OBSERVATIONS: 0	1 to 3	4 to 6	7 to 9	10
	G.M.T.	ft	mb	mb	°F	°F	mb	%						
0 SCOTLAND, N.	1	23	1014·5	–	43·1	1·1	8·5	91	7·6	2	2	4	13	10
	7	23	1014·2	+6·9	42·8	1·1	8·4	91	7·1	1	5	6	9	10
Shetlands Sumburgh (Links)	13	23	1013·8	–	44·8	1·4	8·9	88	7·8	0	2	5	14	10
	18	23	1013·2	–	43·7	1·2	8·7	89	7·9	0	2	7	12	10
	1	27	1015·9	–	43·9	1·4	8·7	88	6·4	3	4	5	13	6
	7	27	1015·0	–	43·8	1·4	8·6	88	7·8	1	3	3	12	12
Hebrides Benbecula	13	27	1015·2	–	47·2	2·8	8·8	78	7·6	2	2	4	14	9
	18	27	1014·6	–	45·6	2·1	8·7	83	7·4	2	2	4	17	6
	1	83	1015·7	–	43·0	0·9	8·8	92	7·0	2	3	7	8	11
	7	83	1014·8	+6·9	42·5	0·8	8·8	94	7·5	1	3	7	7	13
Stornoway	13	83	1014·4	–	46·8	2·1	9·3	84	7·2	0	3	7	15	6
	18	83	1014·0	–	44·7	1·3	9.1	91	7·3	2	2	5	15	7
	1	117	1016·0	–	41·6	1·9	7·5	83	6·9	0	7	6	8	10
	7	117	1015·5	+7·6	41·4	2·0	7·4	83	7·7	0	3	5	16	7
Caithness Wick	13	117	1015·2	–	46·2	3·3	8·0	75	7·9	0	2	6	16	7
	18	117	1014·9	–	43·3	2·5	7·6	80	8·0	0	0	10	11	10
	1	371	1014·0	–	42·2	1·1	8·3	91	8·5	0	0	4	18	9
	7	371	1013·2	–	42·4	1·1	8·3	90	8·9	0	0	2	22	7
Sutherland Cape Wrath	13	371	1013·3	–	44·0	1·8	8·4	85	9·0	0	0	1	21	9
	18	371	1012·5	–	43·1	1·4	8·3	88	8·9	0	0	2	24	5
	1	19												
	7	19												
Ross and Cromarty Invergordon	13	19												
	18	19												
	7	1180	974·0	–	36·6	1·5	6·3	85	7·5	0	6	3	9	13
Inverness Dalwhinnie †	13	1180	973·5	–	44·0	3·5	7·0	71	7·8	0	4	4	13	10
	18	1180	973·3	–	40·6	2·3	6·9	79	7·2	1	3	7	12	8
1 SCOTLAND, E.	1	24	1016·9	–	41·5	1·3	7·9	89	6·2	1	10	4	6	10
	7	24	1016·4	–	41·5	1·3	8·0	89	7·5	0	6	2	14	9
Moray Lossiemouth	13	24	1018·9	–	48·2	2·9	9·0	79	6·8	0	5	9	12	5
	18	24	1015·4	–	44·3	1·6	8·6	87	7·0	0	7	4	13	7
	7	85	1017·1	+7·6	42·0	2·2	7·3	82	7·1	1	6	2	14	8
	13	85	1016·5	–	48·1	4·4	7·7	69	6·9	1	6	4	11	9
Aberdeen Aberdeen H	18	85	1016·1	–	45·7	3·7	7·4	72	7·3	0	6	3	13	9
	21	85	1016·6	–	43·4	2·9	7·3	76	6·6	4	5	3	8	11
	h.*	85	1016·7	+7·0	44·3	3·0	7·5	75						
Braemar ‡	9	1108	1017·4	+7·5	40·5	2·5	6·7	77	7·8	2	3	3	6	17
	1	237	1017·5	–	41·1	1·8	7·4	84	6·0	5	6	3	7	10
	7	237	1017·1	–	40·5	1·4	7·5	87	7·0	0	7	4	13	7
Dyce	13	237	1016·5	–	48·0	3·7	8·2	73	6·9	1	5	6	10	9
	18	237	1016·1	–	44·6	2·6	7·9	79	7·3	1	4	5	10	11
	1	22	1018·3	–	40·6	1·8	7·3	84	5·3	5	9	3	9	5
	7	22	1017·9	–	40·6	1·7	7·4	85	7·4	1	3	6	12	9
Angus Montrose (Airf'd)	13	22	1017·2	–	48·3	3·9	8·3	72	7·3	0	7	2	14	8
	18	22	1016·6	–	45·5	3·1	7·9	76	7·5	0	5	4	12	10
	1	33	1018·4	–	40·6	1·9	7·2	83	5·9	6	5	3	6	11
	7	33	1017·8	–	40·1	1·7	7·2	84	7·0	0	6	4	14	7
Perth Errol	13	33	1017·2	–	48·8	4·4	8·1	69	7·2	0	5	5	12	9
	18	33	1017·2	–	45·7	3·3	7·8	74	7·4	1	4	3	14	9
	1	36	1017·9	–	40·6	1·9	7·3	84	6·3	3	7	2	12	7
	7	36	1017·2	+7·5	40·3	1·5	7·5	87	7·8	1	3	3	16	8
Fife Leuchars H	13	36	1017·1	–	48·1	3·8	8·3	73	7·9	1	2	4	13	11
	18	36	1016·5	–	45·9	3·1	8·1	77	7·8	0	4	3	14	10
Mid Lothian Edinburgh (Blackford Hill)	9	441	1018·2	–	42·5	2·2	7·5	81	6·9	2	7	2	7	13
	21	441	1017·7	–	42·1	2·5	7·1	79	6·7	5	4	3	5	14
	1	312	1017·8	–	41·5	1·1	8·1	90	5·5	1	12	3	7	8
	7	312	1017·1	–	41·5	1·1	8·1	90	7·0	0	7	4	14	6
Berwick St. Abb's Head	13	312	1017·3	–	46·4	2·1	9·0	83	6·8	1	6	4	12	8
	18	312	1016·4	–	44·9	1·7	8·7	86	7·4	0	4	5	13	9
6a SCOTLAND, W.	1	27	1017·5	–	44·2	0·9	9·2	93	5·9	3	8	5	6	9
	7	27	1016·8	+8·1	44·1	1·0	9·1	92	7·0	2	6	3	8	12
Argyll Tiree	13	27	1016·9	–	47·6	1·9	9·6	86	6·9	2	4	5	12	8
	18	27	1016·3	–	45·7	1·3	9·4	89	6·5	1	6	7	12	5
	9	187	1019·0	+8·5	44·7	2·1	8·3	83	7·1	0	3	8	18	2
Bute Rothesay	21	187	1018·2	–	43·0	1·9	7·9	84	5·8	2	7	8	8	6
	1	24	1018·9	–	42·1	1·4	8·1	88	7·5	1	4	4	8	14
	7	24	1018·3	+8·0	41·9	1·4	8·0	88	8·0	0	4	4	9	14
Renfrew (Abbotsinch)	13	24	1017·8	–	48·9	3·5	8·9	75	7·4	1	5	3	11	11
	18	24	1017·2	–	46·1	2·5	8·6	81	8·1	2	1	2	16	10
	7	778	1019·1	+8·2	37·4	1·0	6·9	91	7·4	0	5	5	10	11
	13	778	1018·1	–	46·2	4·0	7·5	70	7·2	1	3	7	13	7
Dumfries Eskdalemuir ‡‡H	18	778	1017·7	–	41·7	2·1	7·3	82	6·8	2	5	6	11	7
	21	778	1018·5	–	38·5	1·3	7·0	88	6·1	3	7	5	6	10
	h.*	778	1018·5	+7·4	40·6	1·9	7·2	84						
6b ISLE OF MAN														
Isle of Man Douglas H	9	286	1019·9	+8·4	44·8	2·7	7·9	78	6·0	0	4	11	13	3
	1	31	1019·5	–	43·1	1·4	8·4	89	5·1	6	9	0	9	7
	7	31	1019·0	–	42·9	1·3	8·4	89	6·0	0	10	4	11	6
Point of Ayre	13	31	1019·1	–	49·8	3·3	9·3	76	6·2	4	4	7	6	10
	18	31	1018·1	–	46·8	2·4	8·9	82	6·8	2	6	2	14	17

VISIBILITY: NUMBER OF OBSERVATIONS — FOG: 0	1	2	3	Mist, Poor Vis.: 4	Mod. Vis.: 5	Good Visibility: 6	7	8	9	WIND, NUMBER OF OBSERVATIONS — FORCE (0-12): 8 or more	6 to 7	4 to 5	1 to 3	Calm	DIRECTION: N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
0	0	0	0	0	0	4	8	19	0	1	12	13	3	2	1	0	3	5	5	5	9	1
0	0	0	0	0	0	4	5	22	0	4	7	14	4	2	0	1	5	2	4	5	10	2
0	0	0	1	0	0	4	5	18	2	5	8	14	4	0	0	0	5	4	3	9	8	2
0	0	0	0	0	0	3	9	17	2	9	6	14	5	0	0	0	5	4	4	2	8	10
0	0	0	0	0	0	3	3	16	0	6	7	14	10	0	0	0	3	4	3	5	6	8
0	0	0	0	0	0	5	9	15	2	3	4	15	9	0	0	1	4	5	3	8	8	2
0	0	0	0	0	0	4	5	19	3	0	9	17	5	0	0	1	4	3	6	5	7	9
0	0	0	0	1	0	4	6	21	1	2	7	13	9	0	1	0	4	3	8	6	8	1
0	0	0	0	0	1	4	5	5	0	1	9	15	5	1	0	1	2	3	3	6	10	6
0	0	0	0	0	1	5	19	6	0	4	8	12	7	0	0	1	7	2	5	9	6	1
0	0	0	0	0	0	2	10	19	0	3	11	14	3	0	0	2	4	5	5	9	7	1
0	0	0	0	0	1	6	11	13	0	0	14	10	7	0	0	2	4	3	5	9	7	1
0	0	0	0	0	0	5	16	5	0	0	2	13	14	2	0	1	3	5	4	11	4	1
0	0	0	0	0	0	4	5	17	5	0	2	15	14	0	0	2	4	4	3	10	5	3
0	0	0	0	0	1	1	8	7	14	1	0	17	13	0	0	1	3	6	5	7	7	2
0	0	0	0	0	0	3	6	7	14	0	0	17	12	2	0	0	6	4	1	10	5	5
0	0	0	0	0	0	4	24	2	1	9	14	7	0	0	0	1	4	5	1	10	5	5
0	0	0	1	0	0	3	27	0	0	9	19	3	0	0	0	1	4	5	0	11	5	5
0	0	0	0	0	0	6	22	2	0	11	18	2	0	0	0	5	5	0	10	8	3	2
0	0	0	0	0	1	8	20	2	0	12	14	5	0	1	0	4	5	1	10	8	2	
0	0	0	0	0	0	6	12	13	0	0	0	5	26	0	0	3	2	5	3	12	3	3
0	0	0	0	0	0	7	12	12	0	0	0	7	24	0	2	0	2	5	4	14	3	1
0	0	0	0	0	0	7	10	14	0	0	0	6	24	1	0	1	3	2	3	14	6	1
0	0	0	0	0	0	5	6	16	4	0	0	10	20	1	0	0	8	1	5	11	4	1
0	0	0	0	0	0	7	4	16	4	0	0	12	18	1	0	1	6	3	3	11	5	1
0	0	0	0	0	0	7	8	9	8	0	4	16	11	0	1	0	6	2	1	13	6	2
0	0	0	0	0	0	7	7	9	6	0	2	10	17	2	1	0	8	2	2	10	5	2
0	0	0	0	0	1	12	5	11	1	0	0	6	24	1	2	2	3	3	5	8	5	4
0	0	0	0	0	1	10	5	15	0	0	0	12	19	0	2	1	3	5	4	6	6	4
0	0	0	0	0	0	14	6	11	0	0	0	7	24	0	1	1	5	3	5	7	6	3
0	0	0	0	0	1	15	9	6	0	0	0	3	27	1	2	2	4	2	5	6	7	2
0	0	0	0	4	10	16	1	0	0	0	1	7	20	3	1	1	6	0	2	8	3	7
0	0	0	0	0	1	9	4	11	16	0	1	10	19	1	0	1	3	2	3	4	8	8
0	0	0	0	0	1	10	2	4	13	0	2	9	15	5	1	1	3	2	3	4	7	6
0	0	0	0	0	1	9	2	9	10	0	2	13	13	0	2	0	6	3	4	6	6	4
0	0	0	0	0	1	10	4	6	10	0	2	7	21	1	1	1	5	4	4	6	6	3
0	0	0	0	0	1	9	8	8	3	0	0	7	23	1	0	1	7	2	1	7	10	2
0	0	0	0	0	2	5	13	5	6	0	1	7	21	2	2	4	4	0	3	7	8	1
0	0	0	0	0	1	4	10	10	6	0	2	12	17	0	2	4	4	2	2	8	9	0
0	0	0	0	0	1	5	11	5	6	0	1	12	18	0	3	2	6	2	2	8	10	1
0	0	0	0	0	1	8	9	7	2	0	1	7	17	6	0	3	7	0	1	9	5	0
0	0	0	0	0	1	8	6	10	6	0	1	6	23	1	1	3	6	0	2	11	7	0
0	0	0	0	0	1	10	11	10	3	0	2	13	16	0	0	3	6	1	1	12	7	1
0	0	0	0	0	1	6	8	10	5	0	2	12	17	0	0	3	6	1	1	10	9	1
0	0	0	0	0	1	10	7	9	1	0	1	5	20	5	0	1	7	2	0	10	6	0
0	0	0	0	0	1	9	9	9	0	0	1	5	22	3	0	4	5	0	1	9	9	0
0	0	0	0	0	1	11	7	11	1	0	2	11	16	2	0	4	5	1	0	9	8	2
0	0	0	0	0	1	9	8	10	1	0	4	4	22	1	0	2	7	2	1	9	7	2
0	0	0	0	0	5	2	18	0	0	0	1	11	16	3	0	3	3	2	4	5	11	0
–	–	–	–	–	–	–	–	–	–	0	5	5	19	2	1	2	5	2	1	6	11	1
0	0	0	0	0	2	5	24	0	0	0	2	14	13	2	2	2	1	4	1	10	8	1
0	0	0	0	0	1	5	22	2	0	0	1	15	13	2	2	3	2	3	2	8	7	2
0	0	0	0	0	1	10	17	4	0	0	3	9	15	4	0	4	3	1	2	7	7	3
0	0	0	0	0	0	8	22	1	0	0	2	10	19	0	2	1	6	3	2	8	7	2
0	0	0	0	0	1	1	13	15	1	1	3	12	14	1	0	2	5	3	5	6	7	2
0	0	0	0	0	1	5	8	14	2	1	5	6	18	1	0	1	3	6	3	4	10	3
0	0	0	0	0	0	5	9	15	2	0	2	15	14	0	1	1	2	6	5	6	8	2
0	0	0	0	0	0	3	12	13	3	0	2	15	14	0	1	1	4	5	5	5	9	1
0	0	0	0	0	1	7	0	13	0	0	2	4	25	0	1	0	7	4	2	0	7	10
0	0	0	0	0	1	16	11	4	0	0	2	8	19	0	0	0	5	4	3	2	7	10
0	0	0	0	2	10	12	5	0	0	0	0	7	21	3	0	3	7	1	4	8	5	0
0	0	0	1	0	4	12	7	5	0	0	1	9	26	1	0	1	9	1	2	11	6	0
0	0	0	1	0	3	13	2	10	2	0	1	7	13	1	0	1	7	1	1	9	9	2
0	0	0	0	0	5	8	11	7	0	0	0	12	19	0	0	1	8	1	1	7	11	2
0	2	0	1	3	1	8	2	14	0	0	1	9	18	3	3	6	1	1	6	4	5	2
0	0	0	0	1	1	7	1	13	0	1	5	4	3	3	2	5	4	3	3	8	7	2
0	0	0	2	0	3	12	3	11	0	0	2	8	13	8	1	4	2	2	3	6	4	1
0	0	0	2	0	2	15	9	3	0	0	8	14	9	0	2	1	7	3	0	4	9	5
0	0	0	0	0	0	4	9	18	0	0	4	5	12	0	0	1	6	3	2	5	6	8
0	0	1	0	0	0	2	7	21	0	0	5	15	11	0	1	0	6	3	2	3	8	8
0	0	0	0	1	0	2	8	20	0	0	5	15	11	0	0	1	4	7	3	0	10	7
0	0	0	0	0	0	5	8	18	0	1	4	9	15	2	1	0	6	2	1	1	12	6

* Mean of hourly readings. † Pressure at Station Level. ‡ Mean pressure at Station Level is 975·4 mb.
‡‡ Mean pressures at Station Level are 989·7 mb. at 7 h., 989·2 mb. at 13 h. 988·7 mb. at 18 h., and 989·2 mb. at 21 h.

TABLE IV (*continued*)—Summary of Observations at fixed hours MARCH, 1943

DISTRICT, COUNTY AND PLACE	Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE: At Mean Sea Level	MEAN PRESSURE: Difference from Average	TEMPERATURE AND HUMIDITY: Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	CLOUD AMOUNT: Mean Amount	CLOUD AMOUNT: No. of Observations: 0	1 to 3	4 to 6	7 to 9	10	VISIBILITY: Number of Observations: Fog: 0	1	2	3	Mist 4	Poor Vis. 5	Mod. Vis. 6	Good Visibility: 7	8	9	WIND, NUMBER OF OBSERVATIONS: Force (0-12): 8 or more	6 to 7	4 to 5	1 to 3	Calm	Direction: N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
	G.M.T.	ft	mb	mb	°F	°F	mb	%																														
2 ENGLAND, N.E.																																						
Northumberland Cockle Park ..	9	331	–	–	45·4	1·8	8·8	85	6·8	3	4	3	15	6	0	2	0	0	0	1	8	0	15	5	1	1	1	26	2	3	1	6	1	1	4	11	2
	21	331	–	–	41·1	1·7	7·5	86	6·2	0	8	6	12	5	0	0	0	4	2	6	17	0	2		1	1	6	21	2	0	5	3	1	2	1	14	3
Ouston	1	435	1019·8	–	38·8	1·1	7·2	89	6·0	7	4	2	8	10	1	0	0	1	4	4	10	6	5		0	3	6	18	4	1	5	2	2	1	2	11	3
	7	435	1019·3	–	38·7	1·1	7·3	90	7·4	1	6	0	15	9	0	2	0	1	2	3	11	3	9		0	2	7	20	2	0	7	1	1	2	6	10	2
	13	435	1018·9	–	47·2	3·9	7·9	72	7·6	1	4	2	16	8	0	0	0	1	0	3	10	2	15		1	4	10	15	1	0	5	4	1	2	5	12	1
	18	435	1018·1	–	44·2	2·5	7·9	79	6·9	1	6	5	10	9	0	0	0	0	4	1	10	4	12		1	2	8	19	1	1	6	4	1	1	5	11	1
	1	122	1020·0	–	42·3	1·5	8·1	88	5·2	10	2	5	10	4	0	0	0	1	4	2	11	13	0		1	1	10	19	0	2	3	4	2	1	4	14	1
Tynemouth	7	122	1019·6	+9·0	41·3	1·9	7·4	84	6·5	3	4	4	17	3	0	1	0	0	7	1	10	12	0		1	2	9	19	0	1	4	3	0	2	8	10	0
	13	122	1019·0	–	48·2	3·7	8·4	73	6·5	1	4	8	14	4	0	1	0	1	1	2	11	12	3		2	1	10	18	0	4	4	3	1	3	4	10	2
	18	122	1018·3	–	46·4	3·0	8·3	77	6·6	1	5	7	14	4	0	0	0	1	0	4	16	12	1		1	3	10	17	0	3	4	4	4	1	4	10	1
Durham Durham	9	352	1018·7	+7·4	42·8	2·2	7·6	81	6·7	1	5	10	2	13	0	1	1	0	1	0	8	13	8	0		1	0	2	25	3	3	5	2	2	0	3	9	4	2
	21	352	1018·1	–	41·5	1·7	7·6	85	6·1	4	3	8	6	10	0	0	0	0	0	2	21	6	2	10	0	1	2	18	10	0	4	2	1	3	4	6	1
Yorks., N. Riding *Catterick .. H	1	181	1020·2	–	39·1	1·2	7·3	89	5·6	8	6	0	5	12	0	1	0	4	7	7	6	4	2	0	0	0	4	20	7	2	4	1	2	2	4	6	3
	7	181	1020·0	–	38·6	1·5	7·2	91	8·1	1	3	1	11	15	1	5	1	2	4	1	5	6	6		0	0	3	20	8	2	4	2	2	4	4	2	3
	13	181	1019·4	–	48·9	4·0	8·5	72	7·5	1	3	4	16	7	0	0	0	3	4	6	2	4	12		0	1	7	23	0	4	5	1	0	7	2	5	7
	18	181	1018·6	–	46·0	2·8	8·3	78	6·8	2	2	8	12	7	0	0	1	2	6	3	2	7	9		0	1	6	22	2	1	5	3	1	4	3	8	4
Linton-on-Ouse ..	1	47	1020·2	–	38·5	1·1	7·1	89	5·1	10	4	2	5	10	0	3	0	0	3	8	11	3	3		0	0	2	22	7	4	2	2	2	3	2	8	1
	7	47	1019·8	–	36·9	1·0	6·8	91	7·1	5	2	2	8	14	1	7	0	0	3	3	6	6	5		0	1	1	21	8	2	3	1	3	2	2	7	3
	13	47	1019·1	–	50·5	5·1	8·2	66	7·1	1	5	5	8	12	0	0	0	0	2	3	11	5	5		0	1	5	24	1	3	5	3	2	3	4	5	5
	18	47	1021·6	–	47·1	3·6	8·1	71	6·2	2	6	7	10	6	0	0	0	0	1	4	12	5	7		0	1	5	22	3	1	4	5	1	2	3	8	4
Scarborough ..	9	96	1019·5	+8·0	45·3	2·9	7·9	77	5·1	3	11	4	8	5	0	4	1	0	0	4	18	4	0		0	0	11	20	0	4	2	0	1	2	6	9	7
	1	60	1019·2	–	40·1	1·9	7·1	84	4·4	10	8	0	6	7	0	0	0	2	4	5	9	9	2		0	0	3	24	4	0	4	3	0	6	9	4	1
Thornaby	7	60	1018·9	–	38·8	1·6	7·0	86	7·0	4	3	2	13	9	0	2	2	2	3	5	6	1	10		0	0	6	21	4	1	4	1	0	4	10	7	0
	13	60	1018·3	–	50·0	5·3	7·8	64	7·1	2	2	5	13	9	0	0	0	1	2	1	14	1	11		0	1	15	14	1	3	5	2	0	5	6	6	3
	18	60	1017·5	–	47·2	3·8	7·9	71	5·9	2	6	9	7	7	0	0	0	1	2	5	8	6	9		0	1	5	23	2	2	5	4	0	3	6	8	1
York	9	53	1020·4	+8·4	42·5	2·3	7·5	81	7·1	1	7	4	7	12	–	–	–	–	–	–	–	–	–	–	0	1	1	29	0	4	4	2	0	6	2	10	3
Yorks., E. Riding	1	70	1020·1	–	39·6	1·5	7·2	87	5·7	7	4	3	7	10	0	2	0	4	2	6	8	7	2		0	0	5	20	6	2	5	1	1	2	2	8	4
Driffield	7	70	1019·8	–	38·7	1·5	7·0	87	6·3	5	4	3	12	7	1	1	2	0	4	6	9	5	3		0	1	6	22	2	1	5	0	1	1	7	9	5
	13	70	1019·3	–	49·7	5·5	7·5	62	6·5	2	8	5	9	7	0	0	0	0	0	5	11	7	7		0	3	7	21	0	2	6	3	1	5	4	7	3
	18	70	1018·7	–	46·6	3·6	7·9	73	6·4	2	5	8	11	5	0	0	0	0	1	4	16	5	5		1	0	6	21	3	0	6	5	2	2	4	7	2
Spurn Head ..	1	57	1020·2	–	42·3	1·7	7·8	85	4·8	11	3	4	9	4	0	1	0	0	1	3	9	17	0	0	0	4	11	15	0	3	4	4	2	2	6	7	3
	7	57	1020·2	+9·0	41·3	1·4	7·7	87	6·6	5	4	3	9	10	1	1	0	0	1	5	13	10	0	0	0	4	10	17	0	0	7	2	1	4	5	6	6
	13	57	1019·6	–	46·8	3·3	8·2	75	6·7	4	2	7	11	7	0	0	0	1	0	2	11	16	0	0	0	2	15	14	0	2	4	6	5	1	4	6	3
	18	57	1018·8	–	45·4	2·5	8·3	80	6·7	3	4	5	13	6	0	0	0	0	2	2	12	17	0	0	0	1	2	14	0	2	4	5	7	2	5	5	1
	1	208	1020·3	–	39·0	0·9	7·5	91	5·5	10	2	3	5	11	1	2	2	0	3	8	13	2	0	0	0	1	7	21	2	2	6	4	1	2	0	12	1
Lincoln Cranwell .. H	7	208	1020·0	–	37·9	1·0	7·2	92	7·3	3	4	2	7	15	3	3	1	1	1	8	9	4	1	0	0	1	10	18	2	6	3	2	1	2	5	7	3
	13	208	1019·4	–	50·7	5·6	7·8	62	6·0	4	5	4	12	6	0	0	0	0	1	0	22	2	6	0	0	0	2	17	12	0	3	4	4	3	3	5	4
	18	208	1018·7	–	47·0	3·7	8·0	73	6·4	3	7	1	15	5	0	0	0	0	0	4	16	10	1	0	0	0	2	9	20	0	1	5	7	2	2	3	7	4
3 ENGLAND, E.																																						
Norfolk Cromer .. H	9	74	1020·2	–	44·5	1·6	8·7	87	5·2	7	0	11	7	6	0	2	0	0	0	1	27	1	0	0	0	0	3	27	1	2	6	2	4	4	3	5	4
	1	26	1020·1	–	41·7	1·7	7·7	86	4·0	15	1	4	3	8	0	1	0	0	0	4	14	12	0	0	0	1	5	24	1	2	3	4	2	1	5	7	9
Yarmouth	7	26	1020·0	+7·8	39·6	1·3	7·3	88	6·0	5	2	7	10	7	0	0	0	6	1	1	12	11	0	0	0	1	1	27	2	3	4	2	2	3	5	2	8
	13	26	1019·9	–	47·2	3·5	8·1	73	5·1	8	5	5	6	7	0	0	0	0	0	1	15	14	1	0	0	0	13	17	1	5	8	3	3	2	3	2	4
	18	26	1019·1	–	46·5	3·1	8·2	76	4·8	10	2	6	7	6	0	0	0	0	0	3	16	11	1	0	0	1	5	23	2	3	7	4	2	3	3	3	4
	7	16	1020·0	–	39·2	1·0	7·3	91	7·2	4	1	5	9	12	1	1	0	2	8	9	8	2	0	0	0	0	9	22	0	6	3	1	1	1	6	7	6
Suffolk Felixstowe Airfield	13	16	1019·9	–	49·4	3·7	8·6	73	5·7	6	5	3	8	9	0	0	0	0	0	2	7	7	12	2	0	0	0	17	13	1	2	8	3	2	4	3	3	5
	18	16	1019·1	–	45·9	2·1	8·8	83	5·8	4	8	2	12	5	0	0	0	0	0	12	10	8	1	0	0	1	9	18	3	1	3	7	4	3	1	3	5	2
Stradishall ..	1	405	1020·6	–	39·2	1·0	7·6	92	4·7	13	3	1	3	11	0	3	2	0	2	6	18	0	1	0	0	1	5	22	3	1	1	8	3	2	5	7	1
	7	405	1020·5	–	37·6	0·8	7·2	93	6·1	8	2	2	9	10	0	4	3	0	1	5	10	1	5	0	0	0	5	26	0	2	2	7	1	2	6	6	4
	13	405	1019·6	–	50·0	4·4	8·3	70	6·4	6	3	3	10	9	0	0	0	0	1	7	10	8	5	0	0	0	11	19	1	3	1	5	3	5	4	4	4
	18	405	1019·2	–	46·5	2·9	8·3	77	5·4	2	13	0	8	8	0	0	0	0	2	4	16	8	1	0	0	1	7	21	2	2	1	7	5	2	3	5	4
Mildenhall H	1	40	1020·2	–	38·2	1·1	7·2	90	4·5	13	3	3	4	8	1	2	1	0	5	0	14	5	2	0	0	1	2	27	1	0	7	6	0	1	8	7	1
	7	40	1020·1	–	36·3	0·9	6·9	92	6·9	6	1	3	9	12	0	5	1	5	3	6	8	1	2	0	0	0	2	27	2	1	3	4	1	2	6	9	3
	13	40	1019·6	–	50·6	5·3	8·0	64	6·5	3	6	2	12	8	0	0	0	0	3	0	12	9	8	1	0	0	1	12	15	3	2	3	5	2	1	6	7	2
	18	40	1018·9	–	48·0	4·2	8·1	71	5·6	3	10	0	12	6	0	0	0	0	2	0	14	11	4	0	0	1	1	4	24	2	3	3	6	2	2	6	4	3
Cambridge Cambridge .. H	9	43	1020·6	+7·8	42·4	2·6	7·4	79	5·3	11	2	2	6	10	–	–	–	–	–	–	–	–	–	–	0	0	2	26	3	2	6	3	2	1	4	5	5
	21	43	1019·5	–	41·2	1·8	7·6	85	4·4	13	1	6	2	9	–	–	–	–	–	–	–	–	–	–	0	0	2	23	5	0	9	6	0	1	6	3	1
	1	519	1020·6	–	38·9	0·8	7·5	92	5·0	9	5	3	6	8	0	0	0	0	1	2	25	3	0	0	0	0	5	24	2	2	4	7	1	1	9	4	1
Bedford Dunstable H	7	519	1020·7	–	36·8	0·6	7·1	94	6·5	5	4	3	6	13	1	3	1	0	1	0	7	4	0	0	0	0	6	20	5	2	6	3	1	1	0	8	5	1
	13	519	1019·8	–	48·9	4·9	7·8	67	6·2	7	2	3	10	9	0	0	0	1	0	4	16	11	3	0	0	0	16	14	1	3	5	5	1	1	4	7	4
	18	519	1019·2	–	45·6	3·5	7·6	73	6·2	5	5	2	11	8	0	0	0	0	1	2	21	5	2	0	0	0	1	8	18	4	3	4	6	0	1	4	6	3
Hertford Rothamsted ..	9	396	1020·3	+7·4	41·8	2·0	7·5	83	5·8	4	8	3	9	7	0	1	1	0	4	9	16	0	0	0	0	0	3	24	4	6	4	3	0	0	5	2	7
	7	12	1020·4	–	38·9	1·1	7·3	90	7·4	4	2	2	10	13	0	3	1	1	8	8	9	1	0	0	0	0	5	24	2	8	2	3	2	0	2	7	5
Essex Shoeburyness H	13	12	1020·4	–	49·3	4·2	8·5	71	6·9	4	3	3	12	9	0	0	0	1	1	1	9	4	0	0	0	0	0	13	15	3	4	4	5	1	2	3	5
	18	12	1019·6	–	46·5	2·6	8·7	80	6·8	3	3	5	12	8	0	0	0	0	1	1	6	14	8	2	0	0	0	6	24	1	3	7	3	2	3	2	7	3
4 MIDLAND COUNTIES																																						
Yorks., W.R. Finningley ..	1	55	1020·3	–	39·1	1·1	7·4	91	4·9	11	2	5	3	10	4	2	0	3	6	8	7	1	0	0	0	1	1	20	9	3	1	2	2	2	4	6	2
	7	55	1019·9	–	38·2	0·8	7·4	93	7·9	3	0	4	9	15	4	2	0	7	6	2	10	0	0	0	0	1	5	18	7	4	2	1	2	2	4	6	3
	13	55	1019·3	–	51·1	4·8	8·6	67	6·3	6	1	6	9	9	0	0	0	0	2	4	17	7	1	0	0	1	15	14	1	4	6	2	2	4	3	5	4
	18	55	1018·5	–	47·9	3·5	8·5	74	6·6	2	6	6	9	8	0	0	1	0	2	6	18	4	0	0	0	1	9	18	3	1	5	5	1	2	4	6	4
Harrogate ..	9	478	1019·6	+7·7	44·1	3·1	7·4	75	6·7	1	7	4	10	9	0	3	0	1	2	5	8	5	4	3	0	1	2	28	0	7	4	1	0	5	2	5	7
Nottingham Nottingham ..	9	215	1019·7	+7·3	41·4	2·0	7·3	83	7·5	4	0	4	9	14	1	3	1	7	11	3	5	0	2	0	0	0	2	29	0	4	5	5	1	2	2	12	3
	7	542	1020·4	+7·8	39·4	1·2	7·4	90	7·8	2	2	5	6	16	1	2	3	5	4	8	5	1	2	0	0	0	0	6	22	3	2	6	3	0	2	6	4	5
Warwick Birmingham H	13	542	1019·8	–	48·5	4·6	7·8	67	6·2	5	4	5	11	6	0	0	0	0	3	5	12	5	3	0	0	0	1	10	19	1	0	4	7	3	1	3	5	7
	18	542	1019·0	–	47·7	4·2	7·8	69	6·5	3	5	4	11	8	0	0	1	1	3	4	14	5	3	0	0	0	1	5	25	1	3	4	7	1	1	3	4	5
	1	431	1021·4	–	39·9	1·2	7·5	89	5·6	7	4	4	9	7	0	1	1	4	6	5	1	2	2	0	0	0	1	3	25	2	3	3	8	1	1	5	4	5
Honiley	7	431	1021·2	–	37·9	0·9	7·2	92	7·8	3	2	1	13	12	2	2	3	5	1	4	6	2	2	0	0	0	0	2	27	2	3	7	2	1	2	5	5	4
	13	431	1020·5	–	48·6	4·4	8·0	68	6·8	4	3	3	16	5	0	0	0	1	3	3	12	10	9	2	1	0	0	11	20	0	6	5	5	1	1	4	3	4
	18	431	1019·6	–	47·4	3·8	8·0	72	6·3	2	6	5	12	6	0	0	0	1	1	5	2	9	4	2	0	1	4	24	2	3	5	6	1	1	3	4	6

* At Scorton from March 9th.

TABLE IV (*continued*)—Summary of Observations at fixed hours MARCH, 1943

DISTRICT, COUNTY AND PLACE		Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE		TEMPERATURE AND HUMIDITY				CLOUD AMOUNT						VISIBILITY										WIND, NUMBER OF OBSERVATIONS					DIRECTION							
											NO. OF OBSERVATIONS					NUMBER OF OBSERVATIONS										FORCE (0-12)												
																FOG				MIST	POOR VIS.	MOD. VIS.	GOOD VISIBILITY														
				At Mean Sea Level	Difference from Average	Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	Mean Amount	0	1 to 3	4 to 6	7 to 9	10	0	1	2	3	4	5	6	7	8	9	8 or more	6 to 7	4 to 5	1 to 3	Calm	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
		G.M.T.	ft	mb	mb	°F	°F	mb	%																												
4 MIDLAND COUNTIES—*cont.*																																					
Oxford	Oxford	9	212	1020·9	+7·4	41·7	2·1	7·3	82	7·5	1	5	2	11	12	0	3	2	0	7	7	9	1	2	0	0	0	4	25	2	4	7	3	1	1	4	4	5
	Upper Heyford ..	1	243	1020·6	–	39·2	1·0	7·5	90	5·1	9	4	4	5	9	0	0	0	2	6	7	11	4	1	0	0	1	2	26	2	3	4	9	0	1	2	7	3
		7	243	1020·4	–	37·3	0·6	7·3	96	7·5	2	4	1	13	11	1	3	1	3	3	6	9	3	2	0	0	0	3	28	0	4	6	5	1	2	6	2	5
		13	243	1019·9	–	49·4	4·7	8·0	68	6·5	5	3	5	9	9	0	0	0	0	1	5	10	11	3	1	0	0	9	22	0	4	3	8	3	0	4	4	5
		18	243	1019·0	–	47·4	3·8	8·1	73	6·2	4	4	5	11	7	0	0	0	0	1	4	12	11	1	2	0	0	5	25	1	2	8	4	1	1	4	4	6
Shropshire	Shrewsbury H	9	186	1020·4	–	42·3	2·1	7·7	83	7·4	4	0	5	9	13	0	2	0	5	4	0	9	3	8	0	0	5	4	19	3	4	0	5	3	3	0	6	7
		1	295	1021·2	–	40·8	1·1	8·0	91	5·4	11	3	0	7	10	0	0	0	4	7	6	3	6	5	0	0	0	3	25	3	2	2	4	3	3	4	4	6
	Tern Hill	7	295	1021·0	–	38·9	0·9	7·5	93	7·4	4	3	1	9	14	1	0	1	2	5	6	7	3	5	1	0	1	3	25	2	2	1	3	4	5	2	4	8
		13	295	1020·5	–	49·2	3·9	8·6	72	6·8	3	3	0	7	9	0	0	0	0	2	4	10	3	7	5	0	1	6	22	2	2	2	4	2	2	4	4	9
		18	295	1019·5	–	47·6	2·6	9·1	80	6·5	2	6	4	11	8	0	0	0	0	4	1	15	2	3	6	0	0	6	24	1	4	1	6	4	0	4	1	10
Hereford	Ross-on-Wye H	7	226	1020·3	+7·8	38·8	1·4	7·1	87	6·5	3	7	1	11	9	0	0	1	2	1	6	9	4	8	0	0	0	4	27	0	4	5	4	1	3	7	3	4
		13	226	1019·8	–	50·4	5·5	7·8	62	5·7	3	6	6	10	6	0	0	0	0	2	1	8	8	11	1	0	0	5	26	0	4	8	7	0	1	4	5	2
		18	226	1019·0	–	48·7	4·6	7·8	67	5·4	3	10	3	8	7	0	0	0	0	1	3	6	9	9	3	0	1	3	27	0	3	6	6	1	0	4	6	5
Gloucester	Cheltenham H	9	230	1021·0	+8·3	44·5	2·4	8·0	80	7·0	1	6	4	12	8	0	0	0	3	5	4	13	6	0	0	0	0	30	1	7	1	4	2	2	2	7	5
		21	230	1021·1	–	44·7	1·8	8·6	85	5·9	1	8	10	3	9	0	0	0	0	0	1	9	21	0	0	0	0	1	30	0	8	4	2	2	0	1	8	6
5 ENGLAND, S.E.																																					
		9	152	1020·5	+7·0	42·9	2·6	7·5	79	7·0	5	3	1	6	16	0	3	2	5	8	7	6	0	0	0	1	0	4	22	4	6	5	2	1	2	5	3	3
London	Greenwich .. H	15	152	1019·0	–	51·3	6·0	7·8	60	5·4	6	6	5	4	10	–	–	–	–	–	–	–	–	–	–	0	1	11	17	2	5	5	6	1	1	3	4	4
		21	152	1019·5	–	43·4	2·4	7·8	80	5·9	10	1	2	5	13	–	–	–	–	–	–	–	–	–	–	0	2	4	20	5	2	5	8	0	0	4	4	3
		h.*	152	1019·8	+6·6	44·4																															
		7	34	1020·6	+7·7	39·8	1·4	7·4	88	7·1	1	8	2	9	11	0	2	4	5	3	11	5	1	0	0	0	0	3	26	2	4	5	4	0	1	5	7	3
		13	34	1019·8	–	49·8	5·4	7·6	63	6·1	9	0	3	12	7	0	0	1	2	1	8	13	3	3	0	0	0	8	22	1	5	8	3	0	1	5	3	5
	Kew Obs'y. H	18	34	1019·2	–	49·0	4·9	7·7	65	6·8	4	3	4	10	10	0	0	1	1	2	17	9	1	0	0	0	0	6	25	0	6	6	5	1	1	2	4	6
		21	34	1019·8	–	44·8	2·9	7·8	77	5·5	9	2	4	8	8	0	0	1	3	9	14	4	0	0	0	0	2	2	24	3	4	4	6	2	2	4	4	2
		h.*	34	1020·0	+7·1	44·9	3·2	7·6	76																												
		9	66	–	–	43·4	2·4	7·7	80	7·1	0	5	8	9	9	–	–	–	–	–	–	–	–	–	–	0	0	1	30	0	0	9	3	3	1	3	5	7
	Kensington.. ..	15	66	–	–	52·1	5·8	8·1	61	5·8	1	7	9	12	2	–	–	–	–	–	–	–	–	–	–	0	0	3	28	0	1	5	6	2	1	7	2	7
		18	66	–	–	49·1	3·9	8·5	71	6·6	0	4	12	8	7	–	–	–	–	–	–	–	–	–	–	0	1	1	29	0	2	3	7	3	0	3	4	9
		1	225	1021·2	–	40·5	1·2	7·7	89	5·2	9	3	5	5	9	0	1	1	4	12	8	4	1	0	0	0	1	2	21	7	3	3	5	1	1	3	7	1
Surrey	Croydon .. H	7	225	1021·3	–	38·8	0·9	7·5	92	7·9	1	2	3	13	12	0	4	2	3	11	4	4	3	0	0	0	0	1	23	7	1	4	5	0	0	3	8	3
		13	225	1020·5	–	50·6	5·6	7·8	62	6·1	7	3	2	12	7	0	0	1	2	2	7	11	5	3	0	0	0	8	22	1	2	4	7	0	1	3	4	9
		18	225	1019·6	–	48·6	4·4	8·0	68	6·5	6	1	4	11	9	0	0	1	3	8	7	11	1	0	0	0	1	3	25	2	6	3	8	0	1	2	5	4
	Wisley	9	85	1020·7	–	42·5	2·3	7·4	80	7·7	4	0	4	8	15	0	4	1	5	1	3	14	3	0	0	0	0	1	18	12	0	5	2	0	1	4	4	3
		7	—	–	–	40·5	1·2	7·7	90	6·0	6	2	6	13	4	1	2	0	0	2	8	5	13	0	0	0	0	7	24	0	7	7	6	0	1	1	5	4
Kent	Dungeness ..	13	—	–	–	49·1	3·3	9·1	77	6·1	5	5	5	8	8	0	0	0	0	1	3	10	16	1	1	0	0	0	4	6	21	0	1	3	11	2	0	4	7	3
		18	—	–	–	46·3	2·0	9·1	85	5·4	5	7	4	8	7	2	0	0	0	0	3	12	13	0	0	0	0	4	7	19	1	0	6	8	1	0	3	9	3
		1	345	1020·4	–	39·6	1·1	7·5	91	4·5	14	3	0	3	11	0	1	0	1	5	9	9	6	0	0	0	0	1	4	22	4	5	3	4	0	2	4	4	5
	Lympne .. H	7	345	1020·2	+7·1	38·7	0·9	7·4	93	6·5	5	3	4	10	9	0	1	2	1	1	10	8	5	3	0	0	0	2	28	1	6	3	3	3	0	2	6	7
		13	345	1019·9	–	49·2	4·7	8·0	67	6·2	2	7	3	12	7	0	0	0	0	4	13	4	10	0	0	0	4	27	0	5	4	4	2	3	3	5	5
		18	345	1019·3	–	45·0	2·3	8·4	82	6·1	4	7	2	7	11	2	0	0	0	3	6	12	5	3	0	0	0	7	22	2	2	7	5	2	0	3	7	3
		1	156	1020·2	–	41·5	1·7	7·6	85	4·8	12	4	1	3	11	0	2	0	2	5	6	11	2	0	0	0	0	3	25	3	1	4	5	2	2	4	6	4
	Manston .. H	7	156	1020·1	–	40·3	1·2	7·5	90	7·0	4	3	2	13	9	1	2	1	0	3	6	13	2	0	0	0	0	4	24	3	2	4	2	3	2	6	4	5
		13	156	1019·7	–	48·2	4·1	8·1	71	6·9	3	4	3	11	10	0	0	0	1	2	6	10	2	10	0	0	0	0	9	22	0	7	6	3	1	0	5	4	5
		18	156	1019·2	–	45·6	2·6	8·4	80	6·1	3	8	2	12	6	0	0	0	0	2	9	11	2	4	0	0	0	0	6	18	7	2	4	7	0	1	5	4	1
	Tunbridge Wells ..	9	407	1020·7	+7·2	42·8	1·3	8·3	89	6·2	6	3	5	6	11	0	0	1	0	1	1	13	6	6	3	0	0	0	5	26	0	5	8	1	0	1	5	4	7
Sussex	Hastings .. H	9	154	1019·9	+6·4	44·6	2·4	8·1	81	6·4	5	2	4	12	8	0	0	0	0	8	9	9	0	5	0	0	0	0	5	26	0	3	12	2	3	2	4	2	3
		1	10	1020·4	–	41·6	1·5	7·8	87	4·9	14	1	1	2	13	0	1	1	0	4	4	16	5	0	0	0	0	3	25	3	6	7	3	0	1	2	8	1
	Thorney Is. ..	7	10	1020·2	–	40·3	1·4	7·4	87	6·3	2	8	2	10	9	0	1	0	0	6	6	11	6	1	0	0	0	2	24	5	4	6	2	1	1	4	3	5
		13	10	1020·0	–	51·4	5·4	8·3	64	5·8	5	6	2	11	7	0	0	0	0	2	1	8	15	3	2	0	0	6	24	1	4	4	5	1	4	6	1	5
		18	10	1019·2	–	48·5	3·8	8·3	72	5·5	3	9	4	8	7	0	0	0	0	1	2	15	8	4	1	0	0	6	21	4	4	4	4	1	3	4	3	4
Hampshire	Southampton ..	9	84	1020·7	–	47·7	3·7	8·2	73	5·7	8	3	5	2	13	0	0	0	1	3	7	15	3	2	0	0	1	28	2	8	6	2	2	2	1	5	3
		21	84	1019·6	–	46·0	2·7	8·4	79	4·2	14	4	2	1	10	0	1	7	8	3	6	6	0	0	0	0	0	3	22	6	7	4	3	1	1	2	3	4
		1	231	1020·6	–	39·2	1·3	7·3	88	5·3	10	3	3	4	11	0	2	0	4	6	4	11	3	1	0	0	0	1	25	4	2	6	5	0	0	2	9	3
	S. Farnborough H	7	231	1020·6	+7·6	37·4	1·0	7·1	92	7·1	4	4	1	11	11	1	2	3	4	4	5	6	2	4	0	0	0	2	20	9	2	2	4	1	1	0	7	5
		13	231	1019·9	–	51·6	6·2	7·6	59	6·0	7	3	3	9	9	0	0	0	0	3	4	11	5	8	0	0	0	2	23	0	3	6	6	1	1	5	4	5
		18	231	1019·1	–	49·8	5·2	7·7	63	6·0	2	9	4	9	7	0	0	0	2	3	3	11	5	7	0	0	2	3	23	3	3	4	7	1	0	2	5	6
I. of Wight	Ventnor (Hosp.)	9	80	–	–	46·6	2·9	8·4	78	5·2	4	9	3	7	8	–	–	–	–	–	–	–	–	–	–	0	0	10	21	0	10	3	7	0	1	1	7	2
		15	80	–	–	50·9	4·1	9·1	72	5·3	4	5	10	6	6	–	–	–	–	–	–	–	–	–	–	0	2	6	23	0	5	2	9	1	0	0	11	3
Wiltshire	Amesbury H	1	420	1020·9	–	40·3	1·1	7·8	90	5·6	8	5	2	6	10	0	0	0	1	3	5	17	*5	0	0	0	1	2	25	3	2	4	9	0	1	1	5	6
	(Boscombe Down)	7	420	1020·8	–	38·4	0·9	7·4	92	6·8	1	7	4	10	9	0	2	0	1	8	2	8	6	4	0	0	0	5	23	3	6	5	7	0	1	2	4	3
		13	420	1020·3	–	50·5	5·0	8·2	66	6·4	7	2	0	12	10	0	0	0	0	0	0	11	12	8	0	0	0	9	21	1	4	3	7	2	2	3	3	6
		18	420	1019·5	–	48·1	4·2	8·0	70	5·8	4	6	5	10	6	0	0	0	0	1	2	14	10	4	0	0	3	1	26	1	5	6	6	0	2	2	5	4
	Larkhill .. H	9	444	1020·9	–	42·6	1·6	8·1	86	6·0	8	2	2	12	7	0	0	0	1	5	5	14	1	5	0	0	0	5	24	2	4	7	5	1	0	3	5	4
		13	444	1019·9	–	50·2	5·2	7·9	64	5·8	7	2	5	8	9	0	0	0	0	0	2	11	12	6	0	0	0	9	22	0	4	6	7	1	0	4	4	5
		15	444	1019·6	–	51·0	5·3	8·1	63	5·6	7	4	3	10	7	0	0	0	0	0	1	11	10	9	0	0	1	6	23	1	6	5	7	0	1	3	6	2
7a ENGLAND, N.W.																																					
Lancashire	Hutton	9	86	1020·6	+9·1	44·1	1·5	8·7	88	5·4	6	6	3	14	2	–	–	–	–	–	–	–	–	–	–	0	2	1	24	4	0	5	3	2	2	5	2	8
	Manchester (Whitworth Pk.)	9	127	1020·2	+8·3	43·5	2·5	7·7	80	7·7	2	3	4	5	17	–	–	–	–	–	–	–	–	–	–	0	3	6	18	4	1	1	5	2	3	4	5	6
		21	127	1019·3	–	44·6	2·6	8·0	79	7·0	2	3	5	8	13	–	–	–	–	–	–	–	–	–	–	1	0	5	23	2	2	1	5	3	1	3	5	9
	Southport †H (Bedford Rd. Park)	9	37	1020·4	+8·2	43·3	2·0	8·0	82	7·8	0	5	1	13	12	0	1	2	3	6	11	3	4	1	0	0	2	10	19	0	1	1	7	5	6	1	5	5
		15	37	1019·1	–	48·7	3·8	8·6	73	7·2	0	6	5	8	12	0	0	0	0	2	8	13	6	2	0	0	2	15	14	0	1	2	4	3	1	1	14	5
		21	37	1018·9	–	43·3	1·9	8·1	84	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0	2	9	18	2	2	3	5	4	0	4	6	5
	Stonyhurst ..	9	381	1020·6	+8·2	41·6	2·0	7·4	83	6·4	6	3	3	6	13	0	0	0	1	3	1	22	0	4	0	0	1	7	21	2	6	5	2	1	1	4	9	1
		21	381	1019·4	–	42·2	1·8	7·8	85	6·7	5	4	2	6	14	–	–	–	–	–	–	–	–	–	–	0	3	4	21	3	9	5	1	0	0	3	9	1
Cheshire	Bidston Obs'y. ..	9	202	1020·4	+8·4	43·5	2·0	8·1	84	8·3	0	3	3	10	15	0	0	2	6	7	6	7	3	0	0	0	2	8	18	3	1	1	5	7	1	1	6	6
		1	261	1020·6	–	40·1	1·4	7·5	87	4·9	10	5	3	3	10	0	0	0	0	7	7	5	11	1	0	0	0	1	3	26	1	0	6	2	5	6	4	5	2
	Manchester H (Ringway)	7	261	1020·2	–	38·7	1·6	7·3	89	6·8	6	2	2	10	11	1	1	0	0	5	5	6	11	0	2	0	0	0	9	18	4	0	5	5	2	6	3	5	1
		13	261	1019·7	–	49·6	4·5	8·3	69	7·2	2	4	4	9	12	0	0	0	1	3	4	10	4	9	0	0	1	15	13	2	2	2	4	2	2	5	9	3
		18	261	1018·8	–	46·7	3·2	8·2	76	6·2	2	7	5	8	9	0	1	0	1	6	4	12	6	1	0	0	2	6	20	3	1	4	4	0	1	3	12	3
7b NORTH WALES																																					
		1	19	1020·3	–	41·7	1·9	7·6	84	5·3	10	4	2	3	12	0	2	0	0	9	4	10	5	1	0	0	1	1	14	15	0	0	2	2	1	0	7	4
Flint	Sealand .. H	7	19	1020·1	–	40·4	1·6	7·4	86	6·6	5	3	4	8	11	2	1	0	3	2	7	7	6	2	0	0	0	1	21	9	1	0	3	3	3	2	3	7
		13	19	1020·0	–	51·1	5·2	8·2	64	6·9	4	1	6	13	7	0	0	0	0	0	4	11	4	12	0	0	0	5	21	5	1	1	3	4	2	3	6	6
		18	19	1019·0	–	47·9	3·4	8·5	75	6·3	5	3	6	8	9	0	0	1	0	0	3	13	3	11	0	0	0	2	28	1	1	2	2	2	4	2	8	9

†Visibility at Hesketh Park (at 9h. and 15h.); wind at Marshside. * Mean of hourly readings.

TABLE IV (*continued*)—Summary of Observations at fixed hours MARCH, 1943

DISTRICT, COUNTY, AND PLACE	Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE		TEMPERATURE AND HUMIDITY				CLOUD AMOUNT						VISIBILITY									WIND, NUMBER OF OBSERVATIONS								
										NO. OF OBSERVATIONS					NUMBER OF OBSERVATIONS									FORCE (0-12)					DIRECTION							
															FOG				MIST	POOR VIS.	MOD. VIS.	GOOD VISIBILITY											
			At Mean Sea Level	Difference from Average	Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	Mean Amount	0	1 to 3	4 to 6	7 to 9	10	0	1	2	3	4	5	6	7	8	9	8 or more	6 to 7	4 to 5	1 to 3	Calm	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
	G.M.T.	ft	mb	mb	°F	°F	mb	%																										
7b NORTH WALES—*cont.*																																		
Anglesey Holyhead ... H	1	34	1020·2	–	42·2	1·5	8·1	87	5·4	6	8	2	4	11	0	1	1	1	3	4	10	5	6	0	0	1	9	12	9	0	6	2	1	4	3	5	1
	7	34	1019·8	+8·5	41·0	3·1	8·0	90	6·0	2	7	4	9	9	0	3	0	1	3	6	4	4	10	0	0	2	7	17	5	2	6	5	0	4	1	5	3
(Valley)	13	34	1019·8	–	49·8	4·3	8·4	69	6·5	4	5	4	7	11	0	0	0	0	0	2	12	4	11	2	0	3	10	16	2	2	4	4	0	2	7	6	4
	18	34	1018·9	–	47·0	2·9	8·6	78	6·3	4	5	1	10	11	0	0	0	0	0	4	9	7	7	4	1	1	8	20	1	5	4	5	0	5	7	2	2
Carnarvon Llandudno ..	9	33	1020·2	–	45·4	2·6	8·3	80	5·6	8	1	6	11	5	0	0	0	0	1	3	9	10	8	0	0	0	6	25	0	0	3	6	1	6	8	7	0
8a SOUTH WALES.																																		
Cardigan Aberporth	7	379	1020·4	–	41·4	1·4	7·9	88	5·9	3	8	3	11	6	0	0	0	0	0	2	14	6	7	2	0	0	9	20	2	4	4	2	4	5	4	2	4
	13	379	1020·3	–	48·7	3·6	8·6	74	6·1	1	9	4	8	9	0	0	0	0	1	0	10	6	11	3	0	2	8	21	0	5	5	3	4	2	5	5	2
	18	379	1019·5	–	46·8	2·8	8·6	79	7·1	2	4	3	11	11	0	0	0	1	0	0	13	4	6	7	0	2	7	21	1	6	6	2	2	2	4	7	1
Pembroke St. Ann's Head ..	1	152	1020·5	–	44·9	1·0	9·4	93	5·8	6	6	2	7	10	0	0	0	0	0	1	9	10	11	0	0	4	14	13	0	3	6	9	2	2	3	3	3
	7	152	1020·0	+7·9	43·8	0·9	9·0	93	7·1	0	4	8	11	8	0	0	0	0	0	2	8	11	10	0	0	2	15	14	0	5	4	10	1	1	3	4	3
	13	152	1020·2	–	48·8	2·5	9·6	82	7·5	0	1	11	10	9	0	0	0	0	0	0	13	8	10	0	2	4	8	17	0	4	3	4	6	4	3	5	2
	18	152	1019·2	–	47·3	2·0	9·5	85	6·8	1	6	6	11	7	0	0	0	0	0	1	9	8	13	0	1	5	8	17	0	6	4	4	4	1	5	3	4
Radnor Rhayader	9	—	–	–	41·6	1·4	7·9	88	6·5	2	7	3	9	10	0	0	2	0	1	2	11	6	9	0	0	0	1	30	0	1	1	7	8	1	4	4	5
Glamorgan Cardiff	9	203	1020·9	+7·4	45·3	2·7	8·1	78	6·5	4	4	4	7	12	0	0	0	0	0	12	17	1	1	0	0	1	4	26	0	2	12	4	0	2	6	3	2
St. Athan ..	1	147	1021·1	–	41·5	1·3	8·0	88	4·7	7	8	4	3	9	0	0	0	1	7	12	7	4	0	0	0	1	4	17	9	0	6	3	3	0	2	6	2
	7	147	1020·9	–	40·4	1·2	7·7	89	6·2	4	6	3	9	9	0	1	0	2	6	11	8	3	0	0	0	0	6	19	6	0	5	6	2	1	3	7	1
	13	147	1020·6	–	49·4	4·0	8·6	72	5·9	4	5	6	8	8	0	0	0	1	4	11	10	4	1	0	0	1	12	18	0	0	6	8	1	3	5	7	1
	18	147	1019·7	–	47·6	3·3	8·5	75	6·3	4	4	5	11	7	0	0	0	0	1	18	7	4	1	0	0	2	8	17	4	1	5	6	2	0	4	8	1
8b ENGLAND, S.W.																																		
Somerset Bath	9	113	1020·7	+7·6	44·2	2·4	7·9	80	6·1	5	5	5	4	12	0	0	0	0	0	1	10	4	16	0	0	2	5	21	3	2	7	7	0	2	1	5	4
	1	236	1021·2	–	40·9	1·0	8·0	91	5·9	9	3	2	3	14	0	0	4	4	8	1	11	3	0	0	0	1	2	16	12	2	4	4	0	2	2	5	0
Bristol (Airport) H	7	236	1021·1	–	39·0	0·6	7·8	94	6·6	5	4	2	12	8	0	0	0	3	10	3	11	3	1	0	0	0	3	22	6	2	3	3	3	3	3	6	2
	13	236	1020·8	–	51·2	4·5	8·9	69	6·0	3	8	2	11	7	0	0	0	0	1	3	12	9	6	0	0	0	10	21	0	4	4	6	4	1	3	5	4
	18	236	1019·6	–	47·6	2·9	8·9	78	5·9	2	9	3	11	6	0	0	1	0	4	3	18	4	1	0	0	2	3	24	2	6	3	6	3	1	1	9	0
Dorset Holton Heath H	9	58	1021·0	–	44·5	2·3	8·2	81	7·0	3	3	5	6	14	0	0	0	0	7	1	11	10	1	0	0	0	7	23	1	7	9	4	1	1	2	2	4
	15	58	1019·6	–	52·1	5·8	8·1	62	6·1	1	4	12	7	7	0	0	0	0	1	6	5	17	2	0	0	0	12	19	0	5	5	3	6	2	3	3	4
Portland Bill ..	1	37	1020·2	–	44·7	1·5	8·9	88	7·2	3	2	7	5	14	0	0	0	0	0	0	0	23	8	0	0	0	13	18	0	3	6	8	1	1	4	3	5
	7	37	1019·8	+7·3	43·9	1·5	8·1	83	8·5	0	0	6	8	17	0	0	0	1	0	0	0	20	10	0	0	0	17	14	0	3	5	9	2	2	3	3	4
	13	37	1019·7	–	48·3	1·7	10·1	87	8·4	0	0	10	4	17	0	0	0	0	0	0	0	15	16	0	0	0	16	15	0	1	3	11	0	2	5	5	4
	18	37	1019·2	–	47·5	1·6	9·9	89	8·4	0	0	4	15	12	0	0	1	1	0	0	0	14	15	0	0	0	13	18	0	1	4	10	1	2	3	7	3
Devon Hartland Pt. ..	1	305	1019·6	–	45·1	1·4	9·1	89	5·4	6	5	4	12	4	0	0	0	0	1	0	9	13	8	0	0	1	11	19	0	4	10	7	0	0	2	5	3
	7	305	1019·2	–	43·7	1·0	8·9	92	6·3	4	4	5	13	5	0	0	0	1	0	2	10	11	7	0	0	0	11	20	0	2	8	7	2	2	4	3	3
	13	305	1019·5	–	47·8	2·4	9·3	82	5·6	1	10	8	7	5	0	0	0	0	1	0	10	12	8	0	0	0	9	22	0	6	8	4	1	0	2	5	5
	18	305	1018·7	–	47·4	2·0	9·5	85	5·9	4	4	7	10	6	0	0	0	0	0	2	8	13	7	1	0	1	6	24	0	3	10	6	0	0	2	5	5
Plymouth H	1	27	1020·8	–	43·9	1·4	8·7	88	5·6	9	2	2	5	13	0	1	0	0	2	8	15	4	1	0	0	1	6	19	5	1	1	11	4	1	2	4	2
	7	27	1020·3	+7·3	42·1	1·0	8·5	92	5·7	5	7	3	7	9	0	0	0	0	5	3	18	2	3	0	0	0	9	18	4	0	0	14	3	1	3	3	3
(Mount Batten) ..	13	27	1020·3	–	50·9	3·7	9·4	75	5·3	3	9	5	9	5	0	0	0	0	1	1	12	10	7	0	0	1	11	19	0	2	2	10	2	1	9	3	2
	18	27	1019·7	–	48·8	2·7	9·5	81	6·3	3	6	5	8	9	0	0	0	0	0	1	20	5	5	0	0	4	5	20	2	2	1	10	2	1	3	5	5
Cornwall The Lizard ..	1	240	1020·2	–	45·5	1·4	9·3	90	5·9	8	3	2	8	10	0	0	0	2	0	0	5	10	14	0	0	4	6	20	1	7	6	7	1	1	2	4	2
	7	240	1019·5	–	45·1	1·0	9·4	95	7·5	1	2	7	9	12	0	0	1	1	1	1	8	8	11	0	0	3	13	15	0	5	9	7	2	0	1	3	4
	13	240	1020·1	–	50·0	2·6	10·0	81	7·6	1	3	5	13	9	0	0	0	0	0	0	10	8	13	0	0	5	12	14	0	2	7	8	2	0	2	4	6
	18	240	1019·2	–	48·3	1·8	10·0	87	6·6	4	1	9	9	8	0	0	0	0	0	1	11	5	14	0	0	4	9	18	0	3	4	11	2	1	1	4	5
Newquay ..	9	185	1019·5	+6·5	46·5	1·9	9·2	85	8·8	0	3	0	6	22	0	1	0	0	0	5	12	7	5	1	0	1	21	9	0	6	3	9	4	2	3	2	2
NORTHERN IRELAND																																		
Antrim Aldergrove H	1	271	1019·7	–	41·7	1·4	7·9	88	6·3	4	7	2	5	13	0	0	0	0	1	2	12	6	10	0	0	1	7	20	3	1	2	6	3	6	5	4	1
	7	271	1019·2	–	40·9	1·2	7·9	89	7·5	0	5	6	5	15	0	1	0	0	4	1	12	7	6	0	0	0	5	24	2	0	0	5	4	8	5	6	1
	13	271	1018·9	–	47·9	3·6	8·4	73	7·5	1	3	6	10	11	0	0	0	0	0	0	13	5	5	8	0	0	10	20	1	1	1	4	4	5	6	8	1
	18	271	1019·0	–	46·4	3·1	8·2	76	7·9	1	2	3	13	12	0	0	0	0	0	5	7	5	6	8	0	2	7	20	2	1	1	5	3	4	7	8	0
Armagh Armagh .. H	9	209	1019·4	+8·5	44·3	1·9	8·4	84	6·7	2	7	2	11	9	0	0	0	1	0	0	4	12	14	0	0	0	6	25	0	0	3	4	3	5	9	7	0
	21	209	1018·7	–	43·5	1·6	8·4	86	6·2	4	6	3	9	9	0	0	0	0	0	0	4	10	17	0	0	0	9	22	0	1	2	5	2	7	6	7	1
Scilly St. Mary's.. ..	1	199	1020·0	–	46·8	1·5	9·7	89	6·0	7	4	2	7	11	0	0	0	0	2	3	11	5	10	0	0	2	12	17	0	7	6	9	1	1	2	3	2
	7	199	1019·4	+4·7	46·7	1·3	9·4	87	7·7	0	3	6	10	12	0	0	1	0	0	2	14	5	8	1	0	2	13	15	1	5	5	8	2	1	1	4	4
	13	199	1019·9	–	51·5	2·6	10·7	88	7·5	4	1	2	13	11	0	0	1	0	0	3	13	6	8	0	0	1	9	21	0	4	9	5	3	0	2	6	2
	18	199	1019·1	–	48·7	2·0	10·0	85	6·6	3	5	5	9	9	0	0	1	0	0	4	12	3	10	1	0	2	12	16	1	7	4	8	2	0	3	5	1
GIBRALTAR .. .. H	1	400	1015·6	–	55·4	2·5	12·6	84	5·7	1	8	7	13	2	0	0	0	0	0	0	1	2	16	12	0	3	17	10	1	0	8	9	1	0	2	6	4
	7	400	1015·1	–	54·5	2·2	12·4	85	7·1	0	5	5	17	4	0	0	0	0	0	0	1	7	18	5	0	2	16	9	4	1	9	6	1	0	2	5	3
	13	400	1015·6	–	58·2	3·4	13·1	79	7·1	0	5	5	17	4	0	0	0	0	0	0	0	7	15	9	0	5	13	13	0	0	10	11	0	0	3	6	1
	18	400	1014·9	–	56·9	2·8	13·0	83	6·7	0	5	5	21	0	0	0	0	0	0	0	1	5	14	11	0	2	15	13	1	0	5	12	3	0	3	7	0
MALTA .. .. H	1	234	1016·2	–	55·2	2·5	12·5	84	5·2	6	7	3	9	6	0	0	0	0	0	0	4	9	18	0	0	3	6	20	2	2	1	4	8	2	1	6	5
	7	234	1016·0	–	55·6	2·8	12·4	82	6·1	0	8	6	15	2	0	0	0	0	0	0	2	5	22	2	0	3	9	19	0	1	2	4	10	2	1	6	5
	13	234	1015·7	–	59·7	4·6	12·8	73	6·4	0	9	5	13	4	0	0	0	0	0	0	3	4	19	2	0	0	14	17	0	2	5	5	6	4	2	3	4
	18	234	1015·4	–	57·1	2·9	13·1	82	5·1	4	9	5	7	6	0	0	0	0	0	0	3	4	21	3	0	1	9	20	1	2	3	5	6	3	0	5	6

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MONTHLY WEATHER REPORT OF THE METEOROLOGICAL OFFICE

SUMMARY OF OBSERVATIONS COMPILED FROM RETURNS OF OFFICIAL STATIONS AND VOLUNTEER OBSERVERS

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APRIL, 1943.—Warm generally; exceptionally severe gale on the 7th; dry in England and Wales.

The weather was distinguished by unusual warmth: it was dry in England and Wales and excessively wet in the western and north-western Highlands of Scotland. The gales on the 7th and 25th-26th were widespread and severe and caused some loss of life and much structural damage.

During the opening days an anticyclone was centred off our south-west coasts, while a weak trough crossed Britain; there was scattered, slight rain on the 1st and 2nd. Between the 3rd and 5th the anticyclone moved away east and on the 4th and 5th a deep depression moved east-south-east across Iceland. Weather was mainly fair on the 4th, but rain fell generally in Scotland and Ireland and locally in northern England on the 5th. On the 7th an intense depression moved south-east from the Shetlands and a severe westerly to north-westerly gale prevailed over the British Isles. Some sleet or snow was experienced in the northern half of the country between the 5th and 7th. Subsequently the anticyclone off our south-west coasts dominated conditions over most of England until the 18th or 19th, while depressions in the Icelandic regions caused rain at times in the west and north of the British Isles. During the period 13th-17th an unusually warm, sunny spell was enjoyed in England, which lasted over the 18th in southern districts.

Thereafter less settled conditions prevailed over England also. On the 18th a depression south of Iceland moved rapidly east-north-east to the coast of Norway and on the 18th and 19th an associated trough moved south-east across the British Isles; rain occurred, and in the rear of the disturbance polar air brought a considerable fall of temperature. Later, a somewhat feeble anticyclone moved north-east over southern England to Germany and subsequently a shallow depression over the Bay of Biscay moved north-north-east across the British Isles: rain fell generally in England and Wales and locally in south Scotland and north Ireland on the 21st and there were showers or slight rain in many places on the 22nd. On the 23rd a depression north-west of Ireland moved north-east while associated troughs crossed the British Isles, and on the 24th a new Atlantic depression rapidly approached our north-west seaboard and then moved slowly north-east. Rain, heavy at times, was reported, though there were long sunny periods, and widespread and severe gales prevailed on the 25th-26th. A wedge of high pressure moved eastward over the British Isles on the 28th and 29th and was followed by a shallow trough, which was associated with general but not very heavy rainfall.

Pressure and Wind.—Mean pressure exceeded the average except in the north of Scotland, where there was a slight deficiency. The deviation at 7h. ranged from −3·9 mb. at Sumburgh (Shetlands) to +8·3 mb. at Plymouth and Scilly. The pressure gradient was thus greatly increased and the month was windier than usual. Winds from between south-west and north-west predominated. The gales of the 5th-7th and 24th-26th were widespread and severe, the gale on the 7th being of exceptional severity. At a number of stations with anemometers the highest gust on record was registered on that day: for example 91 m.p.h. at Eskdalemuir (06·45h), 91 m.p.h. at Spurn Head (11·50h) 88 m.p.h. at South Shields (10·20h) and 86 m.p.h. at Durham (07·00h). Other high speeds recorded in gusts were 91 m.p.h. at Manchester (Ringway) on the 7th, 85 m.p.h. at Lerwick on the 18th and 88 m.p.h. at Bell Rock lighthouse on the 25th. The record gusts mentioned above are the more remarkable because of the time of year. The latest table giving the highest gusts on record at anemometer stations gives no instance of the highest gust occurring in April. The time of day at which they were registered was also unusual, such extreme gusts being very rarely recorded in the forenoon.

Temperature.—Mean temperature was exceptionally high. Over Great Britain as a whole it was probably the warmest April on record. Other unusually warm Aprils were 1893, 1894, 1914 and, particularly in Scotland, 1896. It is interesting to note the difference between the Aprils of 1893 and 1943. In 1893 the pressure distribution was anticyclonic, the range of temperature great and the days notably warm. In 1943 there was a rapid increase in pressure southward over the British Isles, the month was windier than usual and westerly winds predominated and, although some days were very warm, the high mean temperature was largely due to the warm nights. In England the period 15th-18th was exceedingly warm: at Kew Observatory it was the warmest spell of four days in April since comparable records began in 1854. Minima of 30°F. or below were registered from the 5th-8th, 20th-21st and 29th.

The extremes for the month were:—(England and Wales) 79°F. at Cullompton on the 17th, 24°F. at Castleton on the 29th; (Scotland) 66°F. at North Berwick on the 21st, 25°F. at Eskdalemuir and Dalwhinnie on the 29th; (Northern Ireland) 65°F. at Castlerock on the 14th and 31°F. at Garvagh on the 29th.

Precipitation.—The general precipitation expressed as a percentage of the average for the period 1881–1915 was 67 over England and Wales, 134 over Scotland and 111 over Northern Ireland. In Scotland the percentages ranged from 40 at Marchmont in Berwickshire to more than 200 in the Western Highlands and locally in Sutherland. In England and Wales less than half the average occurred over a large area in the south extending north from Dorset to Radnor, locally on the south coast of Devon and Cornwall, over small isolated areas in the Midlands and in the neighbourhood of Tynemouth and Gorleston. More than the average was received over a part of north-west England. In Northern Ireland the percentages ranged from 87 at Omagh to 132 at Garvagh.

The dry weather experienced in the first half of April following the long dry spell of late February and March constituted a prolonged partial drought in some districts of England; for example, at Kew Observatory only 11 mm. were registered from February 16th to April 18th giving a partial drought of 62 days.

Among the heavier daily falls were:—

11th	1·75 in. at Arienskill, Lochailort.
17th	1·74 in. at Glenquoich (Inverness-shire).
18th	1·84 in. at Kinlochquoich (Inverness-shire).
21st	1·56 in. at the Lizard.
24th	2·12 in. at Fofanny Reservoir, Mourne Mountains, and 1·68 in. at Lochearnhead.
25th	3·13 in. at Conaglen, Ardgour, 2·55 in. at Achnacarry, Loch Arkaig, and 2·34 in. at Glencoe.

Thunderstorms were infrequent but were reported locally on the 5th and 30th and were rather more widespread on the 23rd, 25th and 27th.

Snow or sleet was reported between the 5th and 7th and locally in Scotland on six other days.

Sunshine.—Broadly speaking sunshine exceeded the average in England and Wales and east Scotland and was deficient in Northern Ireland and the west and north of Scotland. The percentages of the average for the districts ranged from 77 in Scotland, N. to 117 in the Midlands (See Table I).

Fog.—There was little fog, but it was reported locally at times, mainly on the 4th–5th, 12th–13th, 15th–17th, 22nd and 29th–30th.

Miscellaneous Phenomena.—The aurora was observed at some northern stations in Scotland on eight nights; a display on the 3rd was seen from Montrose and Leuchars. Solar halos were noted at Oxford on 14 days.

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TABLE I—DISTRICT VALUES— APRIL, 1943 [1908, revised 1928 and 1941]

DISTRICTS	AIR TEMPERATURE			EARTH TEMPERATURE		RAINFALL		SUNSHINE	
	Highest	Lowest	Daily Mean Difference from Average	At 1 ft Difference from Average	At 4 ft Difference from Average	Percentage of Average	No. of Days Difference from Average	Percentage of Average	Percentage of Possible Duration
	°F	°F	°F	°F	°F	%		%	%
0 SCOTLAND, N.	64	25	+2·9	—	—	152	+ 7	77	24
Eastern									
1 SCOTLAND, E.	66	26	+5·0	—	—	76	- 2	108	35
2 ENGLAND, N.E.	74	24	+5·5	+6·4	+2·4	79	- 4	116	38
3 ENGLAND, E.	76	29	+6·2	+5·2	+2·0	69	-·2	106	39
4 MIDLAND COUNTIES ..	78	26	+5·8	+4·3	+2·9	50	- 3	117	38
5 ENGLAND, S.E.	78	27	+5·5	+4·4	+2·9	60	- 4	107	42
Western									
6 SCOTLAND, W.	65	25	+3·7	+3·0	+2·1	131	+5	85	29
7 ENGLAND, N.W. *(and N. Wales)*	69	27	+4·3	+3·6	+2·8	89	+2	109	39
8 ENGLAND, S.W. *(and S. Wales)*	79	29	+4·8	+3·9	+2·9	49	-5	111	44
NORTHERN IRELAND	65	31	+4·5	—	—	119	+2	81	29
MEAN 0, 1, 6 ..	—	—	+3·9	—	—	—	—	90	29
MEAN 2, 3, 4, 5, 7, 8	—	—	+5·3	—	—	—	—	111	40

TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— APRIL, 1943 [1914]

DISTRICT AND STATION	Height of Vane			Distribution of Wind ‡‡							Extreme Velocities								
	Above Mean Sea Level	Above Ground	Effective Height	More than 38 mi/hr		25 to 38 mi/hr		13 to 24 mi/hr	4 to 12 mi/hr	Less than 4 mi/hr	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		Time		
	ft	ft	ft		hr		hr	hr	hr	hr	hr	°	mi/hr	m/s	day hr	mi/hr	m/s	d	h	m
0 SCOTLAND, N.																				
Shetland Lerwick	310	53	39	1,4-7,14-19,21	51	24	286	260	113	10	0	260	59	26	18 20	85	38	18	19	25
Orkney Kirkwall	170	40	35	–	0	19	98	400	200	22	0	270	38	17	18 15	65	29	{17	04	30 }
Hebrides Stornoway	120	40	36	5-7,13-14,23-26	38	23	240	271	137	34	0	290	51	23	7 03	78	35	{18	14	10 }
1 SCOTLAND, E.																		5	13	10
Aberdeen Aberdeen	120	41	32	7	1	7	24	215	387	93	0	330	41	19	9 07	73	33	7	08	15
Angus Bell Rock Lighthouse	130	—	126	5-7,14,18-25	41	24	226	333	91	29	0	350	60	27	7 10	88	44	25	14	55
Edinburgh Edinburgh	485	39	23	7;24	6	14	105	418	163	28	0	270	42	19	7 04	70	31	7	05	55
6a SCOTLAND, W.																				
Argyll Tiree	75	50	42	5-7;25-26	26	18	196	352	127	19	0	320	45	20	7 07	70	31	7	05	10
Renfrew Paisley	188	81	31	–	0	6	28	279	385	28	0	290	36	16	7 05	71	32	7	02	50
Renfrew (Abbotsinch)	65	46	34	–	0	7	41	248	332	99	0	280	36	16	7 06	69	31	7	04	10
Dumfries Eskdalemuir ..	825	50	35	7-8; 25-26	12	14	97	301	234	76	0	290	55	25	7 06	91	41	7	06	45
6b ISLE OF MAN																				
Isle of Man Point of Ayre ..	70	40	35	5-7;25-26	34	16	143	357	158	24	4	340	55	25	7 10	79	35	7	09	15
2 ENGLAND, N.E.																				
Durham South Shields ..	73	57	44	7	5	8	55	254	285	111	10	330	54	24	7 11	88	39	7	10	20
Durham	389	53	33	5;7	6	9	78	344	209	68	15	310	45	20	7 07	86	38	7	07	00
Yorks.,N.R. Catterick	220	45	33						Anemometer				Dismantled.							
Yorks.,E.R. Spurn Head ..	64	42	34	6-7;25-26	28	11	122	344	223	3	0	340	57	25	7 13	91	41	7	11	50
Lincoln Cranwell	284	43	33	6; 7; 26	12	11	99	388	202	19	0	(310)	52	23	7 11	81	36	7	10	40
3 ENGLAND, E.																				
Norfolk Gorleston	52	42	34	7	4	4	30	226	406	54	0	350	43	19	7 14	74	33	7	14	05
Suffolk Mildenhall	98	83	58	7; 26	9	8	87	259	349	16	0	310	43	19	7 13	74	33	27	17	25
Bedford Cardington ..	285	150	135	7	3	10	92	285	305	35	0	280	53	24	7 13	78	35	7	12	50
Dunstable	567	55	33	7	2	6	45	287	359	9	18	300	43	19	7 13	77	34	7	12	40
Essex Shoeburyness ..	115	104	89	7	6	8	56	304	322	32	0	300	48	21	7 13	78	35	7	12	45
4 MIDLAND COUNTIES																				
Leicester Leicester	385	60	33							Defective										
Warwick Birmingham ..	643	118	73	7	5	7	56	283	351	25	0	320	43	19	7 14	77	34	7	10	55
5 ENGLAND, S.E.																				
London Southgate	222	30	—	–	0	0	0	37	219	464	0	–	17	7	7 14	47	21	7	14	35
Surrey Croydon	313	105	70	7	1	4	17	194	394	114	0	330	40	18	7 14	76	34	7	12	50
Kew Observatory ..	92	75	50	–	0	1	4	187	399	130	0	320	32	15	7 14	63	28	7	13	10
Kent Lympne	418	76	48	–	0	4	33	208	372	107	0	330	37	17	7 14	75	33	7	13	30
Manston	199	46	40	–	0	3	21	161	399	139	0	320	34	15	7 14	65	29	7	14	40
Hants Thorney Island ..	75	65	45	–	0	6	46	227	309	138	0	290	35	16	7 13	63	28	7	12	30
Wiltshire Boscombe Down ..	462	45	33	–	0	5	35	191	380	114	0	330	38	17	7 15	66	29	7	12	55
Larkhill	491	51	36	7	1	4	24	186	378	129	2	330	39	17	7 16	63	28	7	13	20
7a ENGLAND, N.W.																				
Lancashire Fleetwood	112	50	31	5-7;26	31	16	156	389	144	0	0	330	57	25	7 09	76	34	7	08	55
Southport	60	42	33	7;25;26	26	10	118	327	212	37	0	250	50	22	26 02	69	31	26	01	20
Cheshire Bidston Obs'y. ..	262	64	39	7;26	17	7	75	264	290	74	0	250	48	21	7 06	80	36	26	03	15
Manchester (Ringway) ..	315	80	40	5;7;25;26	15	10	95	334	241	35	0	300	56	25	7 11	91	41	7	10	30
7b NORTH WALES																				
Anglesey Holyhead	68	43	35							Defective										
Flint Sealand	81	65	42							Defective										
8a SOUTH WALES																				
Pembroke St. Ann's Head ..	212	70	—	1;7;24-26	24	11	67	255	286	86	2	290	50	22	26 01	71	32	26	04	05
8b ENGLAND, S.W.																				
Devon Plymouth	185	88	65	24	2	5	26	183	349	160	0	–	41	18	24 21	64	29	7	15	15
Cornwall The Lizard	315	75	60						Anemometer				Dismantled							
Pendennis Castle ..	256	65	42	7;24;-25	11	9	69	218	294	128	0	240	45	20	24 21	61	27	7	15	00
NORTHERN IRELAND																				
Antrim Aldergrove	328	60	42	–	0	5	24	150	386	160	0	310	33	15	7 10	75	33	24	22	45
SCILLY ISLES																				
St. Mary's	230	65	57																	

MONTHLY WEATHER CHARTS APRIL 1943

1. WIND AND MEAN PRESSURE. 7 A.M.

The dotted lines indicate the normal distribution of pressure in millibars based on 30 years' observations, 1901–1930

1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022

1010 1011 1012 1013 1014 1015

WIND ROSES. *The arrows fly with the wind and indicate frequency and force, thus :*

LIGHT — MODERATE TO STRONG — GALE

← 30 Obs ns. = 1 inch →

2. MOVEMENTS OF DEPRESSIONS.

A B C D E F G H

Positions of centres are shewn thus:- O at 1h; ● at 7h; □ at 13h; X at 18h.

3. DISTRIBUTION OF MEAN TEMPERATURE

Reduced to sea level by a correction of 1°F for 300 ft.

SCALE OF TINTS

53 51 49 47 45°F

44 45 46 47 48 49 50 51 52 53

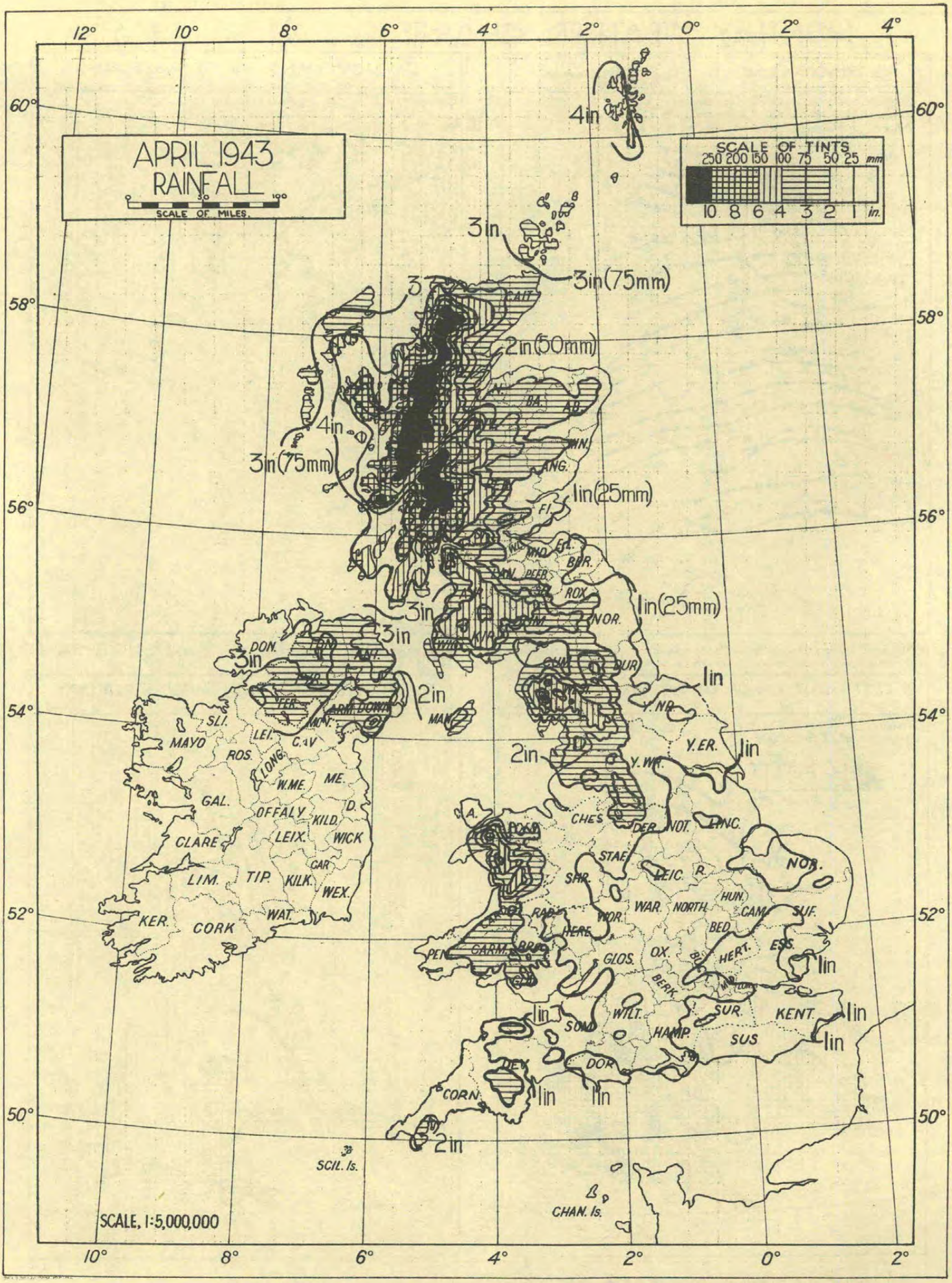
Sea temperatures are shewn by figures in circles, thus : (50)

4 BRIGHT SUNSHINE, HOURS PER DAY

SCALE OF TINTS

7·0 6·0 5·0 4·0 3·0 hrs

4·0 5·0 6·0 7·0



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

TABLE III—Summary of Observations of Temperature, Rainfall, Sunshine and Weather APRIL, 1943

District, County and Place		Terminal Hours of Observation: Max. Min. Rain	Height of Station above Mean Sea Level	Air Temperature in Degrees Fahrenheit: Means of A Max.	B Min.	Mean of A and B	Difference from Average	Absolute Maximum and Minimum: Maximum	Date	Minimum	Date	Earth Temperature 1 ft	4 ft	Rainfall: Total Fall		Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n 0·01in (0·2mm) or more	Precip'n 0·04in (1·0mm) or more	Snow	Snow lying	Hail	Thunderstorm	Fog (Morn'g Obs.)	Ground Frost	Gale	Bright Sunshine: Daily Mean	Percentage: of Average	of Possible
		G.M.T.	ft	°F	°F	°F	°F	°F		°F		°F	°F	mm	in	%	in											hr	%	%
0 SCOTLAND, N.														SCOTLAND																
Shetland	Baltasound ..	9 9 9	31	48·4	38·9	43·7	+1·6	55	21	28	6	43·1	–	95	3·76	149	·41	24	30	25	4	3	4	0	0	–	3	3·37	77	23
	Lerwick Obsy. ¶§	9 9 9	269	47·7	38·9	43·3	+2·4	53	21	27	7	–	–	97	3·82	167	·48	24	27	21	2	1	5	–	–	3	12	3·25	77	22
	Sumburgh (Links)	18–7 7	19	47·5	41·3	44·4	–	52	23	28	7	–	–	103	4·06	–	·55	6	27	20	3	0	7	0	0	3	9	–	–	–
Orkney	Kirkwall .. ¶§	9 9 9	113	49·7	41·1	45·4	+2·5	56	21	31	6, 7	44·6	–	94	3·70	171	·52	6	25	22	3	1	2	0	0	4	2	4·05	85	28
Hebrides	Benbecula ..	18–7 7	27	50·6	43·3	46·9	–	56	23	36	6	–	–	66	2·60	–	·50	24	22	16	1	0	5	0	0	0	9	–	–	–
	Castlebay ..	9 9 9	—																											
	Stornoway ¶§	18–7 7	12	51·3	41·7	46·5	+3·0	56	14	33	6, 8	–	–	87	3·43	119	·42	24	23	18	2	0	8	0	0	2	8	3·37	67	24
Skye	Duntuilm ..	9 9 9	294	50·0	42·2	46·1	–	57	23	36	6, 8	–	–	116	4·56	–	·44	4,11	27	24	2	0	8	0	1	3	8	3·48	–	24
Caithness	Wick	18–7 7	114	51·6	40·5	46·1	+4·0	62	14	30	7	–	–	63	2·50	126	·69	6	21	14	3	0	3	0	0	1	3	–	–	–
Sutherland	Cape Wrath ..	18–7 7	367	47·6	40·7	44·1	–	60	23	30	6	–	–	125	4·93	–	·62	5	26	24	2	1	8	0	2	1	4	–	–	–
Ross & Cromarty	Achnashellach ..	9 9 9	225	51·8	40·4	46·1	+2·5	59	29	31	29	–	–	264	10·42	195	1·38	17	26	24	8	0	0	0	0	–	0	–	–	–
	Fortrose	9 9 9	69	54·1	41·7	47·9	+3·4	60	14	33	6	–	–	37	1·46	–	·30	5	20	11	2	0	1	0	0	–	3	3·53	74	25
	* Invergordon ..	18–7 7	26	54·5	41·8	48·1	–	64	21	33	6,29	–	–	52	2·06	–	·48	5	19	14	3	0	4	0	0	3	1	–	–	–
Inverness	Dalwhinnie ..	18–7 7	1176	49·8	38·2	44·0	–	56	17,21,29	25	29	–	–	131	5·17	–	1·34	25	22	18	6	1	1	0	0	6	0	3·64	–	26
	Ft. Augustus ¶§	9 9 9	68	53·3	40·9	47·1	+3·6	59	21,23	30	29	–	–	129	5·08	198	1·01	25	25	19	0	0	1	0	0	–	2	2·53	65	18S
	Ft. William ..	9 9 9	34	52·4	41·5	46·9	+2·6	58	21,29	31	29	46·6	45·9	243	9·56	212	1·94	25	28	22	1	0	3	2	0	2	0	2·46	58	17S
	Inverness ¶§	9 9 9	242	52·9	41·2	47·1	+2·8	58	14,21	32	29	–	–	45	1·76	107	·33	5,25	20	12	3	0	3	0	0	1	0	4·05	90	28
	Onich	9 9 9	48	52·5	41·6	47·1	–	60	23	31	29	–	–	241	9·50	225	1·36	25	28	20	1	1	3	0	0	4	0	2·50	61	18S
1 SCOTLAND, E.																														
Nairn	Nairn .. ¶§	9 9 9	20	54·7	42·0	48·3	+4·6	62	14	33	6,29	–	–	33	1·28	85	·26	5	17	9	4	0	9	0	0	4	2	4·67	103	33
Moray	Forres	9 9 9	155	55·6	40·7	48·1	–	64	14	32	29	–	–	36	1·41	–	·19	6	14	10	2	0	0	0	0	4	0	4·56	–	32
	Gordon Castle ..	2121 9	104	55·0	40·8	47·9	+4·0	63	14,21	32	6	–	–	51	2·00	114	·37	6	13	13	1	0	2	0	–	–	–	–	–	–
	Lossiemouth ..	18–7 7	21	54·4	41·5	47·9	–	65	14	33	6,7	–	–	47	1·83	–	·43	6	18	13	4	0	6	0	0	–	3	–	–	–
Banff	Banff	9 9 9	130	54·0	41·8	47·9	+4·3	63	14	33	6,7	–	–	45	1·76	106	·37	6	19	11	4	0	2	0	0	0	3	4·18	92	29S
Aberdeen	Aberdeen ¶§	242424	79	54·8	41·9	48·3	+5·1	64	18	33	6	46·0	44·4	45	1·77	95	·36	24	16	10	4	0	5	0	0	2	1	4·50	94	32
		18–7 –	—	55·4	42·0	48·7	+5·2																							
	Balmoral	9 9 9	927	53·1	39·0	46·1	+5·6	61	14	27	29	–	–	42	1·66	77	·32	25	16	9	2	0	0	0	–	10	2	–	–	–
	Braemar	2121 9	1111	51·1	36·3	43·7	+3·3	59	14	26	29	–	–	59	2·33	98	·62	25	19	12	4	1	0	0	0	9	–	4·92	–	35S
	Craibstone ..	9 9 9	300	54·7	39·1	46·9	+4·3	64	14	29	6	44·9	43·4	42	1·67	83	·42	23	15	9	6	0	5	0	–	11	–	4·84	109	34
	Dyce	18–7 7	241	54·9	40·0	47·5	–	63	14,18	32	6,7	–	–	43	1·71	–	·41	23	14	10	4	0	5	0	1	12	1	–	–	–
	Tarland	9 9 9	540	55·4	39·5	47·5	–	63	3,17,18	29	29	–	–	38	1·51	–	·30	23	15	11	4	0	0	0	–	–	3	–	–	–
Kincardine	Stonehaven ..	9 9 9	12	56·0	40·0	48·0	–	65	9	31	29	–	–	37	1·45	–	·29	23	17	12	2	0	2	0	0	–	1	4·96	–	35
Angus	Arbroath	9 9 9	93	56·8	41·1	48·9	+5·0	63	2, 3	34	6	–	–	37	1·44	88	·41	30	11	9	1	0	2	0	0	10	2	5·66	113	40
	Buddon Ness ..	9 9 9	15	55·8	41·6	48·7	–	63	2	28	8,29	–	–	36	1·43	–	·44	30	13	7	0	0	5	1	0	–	4	–	–	–
	Dundee .. ¶§	9 9 9	147	58·4	41·0	49·7	+5·8	65	18	33	6,29	47·6	–	37	1·45	90	·29	29	12	9	1	0	2	1	–	6	1	5·38	116	38
	Kettins	9 9 9	218	56·1	41·2	48·7	+5·2	62	3	32	29	47·6	–	37	1·46	80	·42	24	8	7	1	0	1	0	0	5	7	–	–	–
	Montrose	9 9 9	16	56·7	42·3	49·5	+6·1	64	2,3	34	6	–	–	31	1·24	–	·27	23	13	8	0	0	3	0	0	–	7	5·50	116	39
	,, (Airfield)	18–7 7	22	56·6	42·4	49·5	–	63	2,13,14	31	29	–	–	33	1·29	–	·31	30	12	8	1	0	3	0	0	6	2	–	–	–
Perth	Errol	18–7 7	31	57·1	41·9	49·5	–	63	2,21,23	32	8	–	–	26	1·02	–	·26	29	11	6	2	0	2	0	0	4	0	–	–	
	Longforgan ..	9 9 9	166	56·8	41·8	49·3	–	62	2, 9	31	16	–	–	28	1·09	–	·30	29	9	7	1	0	1	1	0	6	7	6·10	–	43
	Perth	9 9 9	76	57·5	43·0	50·3	+5·6	64	16,21	34	29	–	–	30	1·18	66	·24	24	10	6	1	0	0	0	–	–	9	5·99	123	42
Fife	Cupar	9 9 9	210	56·7	42·2	49·5	+5·5	62	2,14,21	35	6,8,29	–	–	36	1·40	–	·44	25	11	7	0	0	2	0	–	–	1	–	–	–
	Dunfermline ..	9 9 9	237	55·4	41·8	48·6	–	64	21	33	6, 8	47·6	45·9	26	1·04	–	·21	25	14	9	3	0	3	0	0	6	4	5·23	–	37
	Kirkcaldy ..	9 9 9	137	56·3	42·2	49·3	+4·3	62	2,16,23	32	6	–	–	26	1·02	–	·28	25	8	8	0	0	0	0	–	–	1	6·13	–	43
	Leuchars ..	18–7 7	36	57·0	43·1	50·1	+6·2	63	2, 9	34	6	–	–	28	1·10	69	·35	25	11	6	0	0	1	2	0	4	3	5·95	119	42
	Lundin Links ..	9 9 9	40	56·8	41·0	48·9	–	64	2	32	7	–	–	22	·88	–	·17	29	11	7	0	0	2	0	0	–	2	4·97	–	35
	St. Andrews ..	9 9 9	13	57·0	41·5	49·3	+4·9	63	2	33	9	44·4	45·4	30	1·17	70	·26	23	10	9	0	0	1	2	0	0	3	5·68	115	40
Mid Lothian	Balerno	9 9 9	750	53·3	40·3	46·8	–	62	21	31	8,9	–	–	36	1·42	–	·43	25	15	8	1	0	0	0	1	4	1	4·53	–	32
	Edinburgh—																													
	Blackford H. ¶§	2121 9	441	55·1	42·3	48·7	+5·0	63	21	34	6,8	–	–	25	1·00	68	·26	25	10	6	0	0	0	0	1	0	4	5·00	110	35
	Botanic Garden	9 9 9	74	57·0	42·6	49·8	–	63	21	33	29	–	–	25	·97	–	·32	25	11	8	1	0	2	0	0	4	–	4·88	–	35
	Univ. King's B.	9 9 9	225	56·5	43·4	49·9	–	65	21	33	29	47·9	46·2	21	·83	–	·23	29	9	7	–	–	–	–	–	–	–	–	–	–
	Boghall	9 9 9	639	54·3	41·4	47·9	+5·0	63	21	33	6	45·5	44·5	30	1·19	–	·31	25	13	9	2	0	0	0	0	4	–	4·14	100	29
	Liberton ..	9 9 9	190	56·8	42·9	49·9	–	65	21	31	29	–	–	23	·91	–	·25	29	9	6	0	0	0	0	–	–	–	–	–	–
E. Lothian	Dunbar	9 9 9	75	56·1	40·1	48·1	–	64	23	33	6,7,29	–	–	31	1·24	–	·34	30	9	7	0	0	0	0	0	0	0	5·15	–	37
	N. Berwick ..	9 9 9	118	56·6	42·6	49·6	+4·9	66	21	34	29	–	–	21	·81	61	·20	29	9	8	0	0	0	1	0	–	0	4·48	96	32
Berwick	Marchmont ¶§	9 9 9	498	55·7	38·8	47·3	+4·4	64	21	30	8,29	–	–	20	·80	40	·18	25	12	6	0	0	0	0	–	–	2	5·29	117	38S
	St. Abb's Head	18–7 7	280	54·2	43·1	48·7	–	62	18	36	6, 8	–	–	22	·85	–	·21	25,30	10	8	0	0	4	0	0	–	4	–	–	–
Peebles	Peebles	9 9 9	—	54·9	38·8	46·9	–	65	21	26	29	–	–	45	1·79	–	·49	25	14	12	3	0	0	0	0	3	2	4·10	–	29
	West Linton ..	9 9 9	820	53·0	39·4	46·2	+4·9	63	21	28	29	46·7	44·5	49	1·95	–	·43	12,25	15	13	2	0	0	0	3	8	0	–	–	–
Roxburgh.	Kelso (Br'ml'ds)	9 9 9	193	55·0	41·3	48·1	+3·9	62	21	32	21,29	–	–	29	1·13	72	·30	25	14	8	0	0	1	1	0	–	–	–	–	–
	Wolfelee	9 9 9	537	54·7	39·8	47·3	+4·6	65	21,23	29	8,29	–	–	53	2·07	92	·52	25	13	10	2	0	1	1	0	–	5	–	–	–

¶§, S *See* Notes on Tables in Annual Summary.

*Station transferred to Alness on March 24th, 1943.

TABLE III (*continued*)—Summary of Observations of Temperature, Rainfall, Sunshine and Weather APRIL, 1943 1943

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation: Max., Min., Rain	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES FAHRENHEIT: Means of A Max.	Means of B Min.	Mean of A and B	Difference from Average	Absolute Maximum and Minimum: Maximum	Date	Minimum	Date	Earth Temperature 1 ft	Earth Temperature 4 ft	RAINFALL: Total Fall mm	Total Fall in	Percentage of Average	Most in a day: Amount	Most in a day: Date	WEATHER Number of days: Precip'n ·01in (0·2 mm) or more	Precip'n ·04in (1·0 mm) or more	Snow	Snow lying	Hail	Thunderstorm	Fog (Morn'g Obs.)	Ground Frost	Gale	BRIGHT SUNSHINE: Daily Mean	Percentage: of Average	Percentage: of Possible
		G.M.T.	ft	°F	°F	°F	°F	°F		°F		°F	°F	mm	in	%	in											hr	%	%
6a SCOTLAND, W.																														
Argyll	Ardtornish ..	2121 9	48																											
	Colonsay ..	9 9 9	87	51·7	41·7	46·7	–	57	14	32	29	–	–	102	4·03	–	·53	25	25	19	0	0	4	2	–	–	4	–	–	–
	Dunoon (Benmore)	9 9 9	46	54·7	41·5	48·1	–	59	15	32	29	48·1	46·2	211	8·29	–	1·22	25	26	19	0	0	2	0	0	2	0	3·12	–	22S
	Dunoon	9 9 9	132	53·4	42·2	47·8	–	58	15	34	6	–	–	148	5·82	–	·95	12	17	16	0	0	0	0	0	–	–	4·48	–	32
	Glenbranter ..	9 9 9	120	54·3	41·6	47·9	+3·2	60	21	34	29	–	–	219	8·64	–	1·32	25	25	23	0	0	0	0	0	5	–	–	–	–
	Oban	9 9 9	229	51·2	42·3	46·7	–	57	22	35	6,29	–	–	127	5·01	–	·65	11	24	18	0	0	1	0	0	1	0	2·14	43	15
	Tiree .. ¶§	18-7 7	44	51·6	44·0	47·8	+2·9	56	22	35	6	–	–	83	3·25	132	·57	11	22	15	1	0	4	0	0	0	7	4·05	64	29
Bute	Rothesay ¶§	2121 9	200	53·1	41·6	47·3	+2·8	58	15	34	5	47·7	46·1	119	4·70	158	·86	12	22	19	0	0	2	0	0	4	6	4·07	82	29
Dumbarton	Cardross	9 9 9	130	53·6	40·6	47·1	+2·6	62	21	31	29	–	–	97	3·83	–	·63	12	19	15	1	0	0	0	0	–	0	3·45	76	24S
	Helensburgh ..	9 9 9	293	53·5	41·8	47·7	+2·8	61	21	32	29	–	–	111	4·37	152	·87	12	22	17	0	0	0	0	0	–	0	3·83	85	27
Stirling	Balfron	9 9 9	342	52·3	41·5	46·9	–	58	15	31	8,29	–	–	101	3·98	–	·66	12,24	18	16	0	0	0	0	0	–	0	–	–	–
	Stirling	9 9 9	151	55·6	43·7	49·7	+4·6	64	21	34	6,7	48·1	45·2	55	2·18	–	·70	25	17	12	1	0	2	0	0	–	–	5·48	125	39
Renfrew	Greenock ..	9 9 9	199	53·8	43·7	48·7	+4·0	59	14,15,21	36	6,8	–	–	117	4·61	134	·78	12	20	17	1	0	0	0	0	0	4	4·26	–	30
	Paisley	2121 9	106	55·2	43·5	49·3	+3·6	63	21	35	6	48·9	47·0	70	2·75	119	·71	25	17	15	0	0	·1	0	0	3	1	4·49	97	32
	Abbotsinch ¶§	18-7 7	19	54·6	43·4	49·0	+4·5	63	21	33	8,29	–	–	84	3·30	147	·80	25	18	16	2	0	2	0	0	6	2	4·39	99	31
Lanark	Carluke ..	9 9 9	534	53·6	41·9	47·7	–	63	21	32	8	–	–	45	1·76	–	·34	25	17	11	2	0	6	0	0	2	3	3·81	–	27
	Dungavel ..	9 9 9	798	51·9	38·3	45·1	+3·5	60	14,21	28	8	–	–	88	3·47	–	·44	13	23	18	0	0	0	0	1	4	2	–	–	–
	Glasgow, Spr.' Pk.	9 9 9	351	54·8	41·8	48·3	–	63	21	33	8	–	–	79	3·09	–	·58	25	19	17	0	0	1	0	–	7	–	3·54	–	25
Ayr	Auchincruive ..	9 9 9	89	55·0	43·4	49·2	–	63	21	31	8	48·1	46·6	83	3·27	–	·48	25	21	17	0	0	2	1	0	2	4	3·82	–	27
	Ayr	9 9 9	43	54·1	43·2	48·7	–	59	13,15,23	35	8	–	–	77	3·04	–	·62	12	16	15	0	0	0	0	0	0	1	3·49	–	25
	Colmonell ..	9 9 9	170	53·9	42·8	48·3	+3·3	61	21	30	29	–	–	83	3·25	128	·57	12	20	14	0	0	3	0	0	1	3	–	–	–
	Kilmarnock ..	9 9 9	130	54·8	43·2	49·0	+4·1	65	21	32	8,29	48·4	47·3	77	3·02	–	·50	12	22	18	0	0	3	1	0	2	2	4·02	86	29
	Prestwick ..	9 9 9	17	52·7	44·7	48·7	–	59	14	36	6	–	–	69	2·71	–	·55	12	17	14	0	0	0	1	0	0	2	3·49	–	25
	Troon	9 9 9	15	52·5	44·3	48·4	–	57	21	37	6	–	–	64	2·52	–	·46	27	17	13	0	0	3	1	0	0	0	4·10	–	29
	Turnberry ..	9 9 9	30	53·8	43·8	48·8	+3·3	61	21	37	6	–	–	65	2·58	139	·51	12	17	13	0	0	0	0	1	–	1	3·87	74	27
Dumfries	Dumfries.. ¶§	9 9 9	140	54·9	42·1	48·5	+3·8	64	21	29	29	47·1	46·0	59	2·31	98	·54	24	17	12	0	0	1	0	0	11	–	3·95	85	28
	Eskdalemuir ¶§	242424	794	52·5	38·6	45·5	+4·4	61	21	25	29	45·9	44·4	102	4·02	118	·53	25	22	17	2	0	6	1	1	7	7	4·03	95	28
		18-7 –	—	52·9	39·6	46·3	+4·8																							
	Ruthwell.. ..	2121 9	67	55·7	41·3	48·5	+3·8	64	21	28	8	–	–	40	1·59	–	·29	12	13	12	0	0	0	1	–	–	2	4·27	91	30S
Kirkcudbright	Glenlee	9 9 9	181	55·1	43·0	49·1	–	62	21	28	8,29	–	–	88	3·48	–	·72	24	18	16	1	0	2	0	0	4	2	–	–	–
Wigtown	Newton Stewart	9 9 9	75	(53·8)	(41·9)	(47·9)	–	61	21	30	8	–	–	79	3·13	–	·74	24	18	16	–	–	–	–	–	–	–	–	–	–
6b ISLE OF MAN																														
Isle of Man	Douglas	9 9 9	284	53·4	43·5	48·5	+3·3	59	21	37	29	–	–	52	2·04	84	·38	24	18	12	0	0	0	0	1	0	2	5·37	91	38
	Point of Ayre ..	18-7 7	30	56·4	44·7	50·5	–	63	18	35	29	–	–	43	1·69	–	·37	25	20	13	0	0	2	0	1	–	5	4·69	–	34
2 ENGLAND, N.E.																														
Northum-berland	Berwick-on-T. ..	9 9 9	76	55·6	43·1	49·3	+5·6	63	15	135	29	–	–	18	·71	49	·16	29	11	8	0	0	3	0	0	2	3	5·44	112	39
	Bellingham ..	9 9 9	849	53·3	38·3	45·8	+3·6	61	21,23	29	8	–	–	47	1·87	87	·42	25	16	9	1	0	0	1	0	–	–	–	–	–
	Cockle Park ¶§	2121 9	325	56·6	41·6	49·1	+6·0	64	3,12	29	5	49·3	45·7	40	1·59	96	·68	23	11	10	1	0	0	1	0	3	1	5·37	115	38
	Ouston	18-7 7	426	55·6	40·9	48·3	–	63	14	30	29	–	–	29	1·13	–	·24	23	13	10	3	0	2	1	1	7	4	–	–	–
	Tynemouth ..	18-7 7	108	56·1	44·5	50·3	+5·8	64	14	36	6,29	–	–	16	·65	46	·12	30	13	7	0	0	0	0	2	0	4	5·30	–	38
Durham	Chopwellwood ..	9 9 9	446	57·0	41·2	49·1	+5·6	65	14,21	33	29	–	–	44	1·72	97	·79	23	13	9	0	0	0	1	0	9	–	4·99	111	36
	Durham .. ¶§	2121 9	336	57·1	40·1	48·6	+4·9	64	3	29	29	–	–	25	·96	62	·18	25	12	6	0	0	0	0	0	8	–	5·21	117	37
	Houghall.. ..	9 9 9	160	58·6	40·6	49·6	+5·1	65	3,21	26	29	–	–	25	1·00	–	·22	25	10	7	0	0	0	0	0	10	2	5·17	125	37
	Ushaw College ..	9 9 9	594	56·6	41·5	49·1	+5·4	64	21	33	29	–	–	31	1·21	64	·29	25	12	9	0	0	0	0	1	–	–	–	–	–
Yorks., N. Riding	Ampleforth ..	9 9 9	313	58·6	42·0	50·3	+5·8	68	16	35	4,6,20	–	–	32	1·26	–	·20	21	14	9	0	0	0	0	2	11	–	5·48	–	39
	Castleton ..	9 9 9	450	58·1	39·4	48·7	–	64	14	24	29	45·9	–	29	1·14	–	·20	30	12	9	0	0	0	0	0	8	–	–	–	–
	* Catterick.. ..	18-7 7	175	56·9	42·6	49·7	–	63	18,21	29	21	–	–	22	·87	–	·18	25	13	7	0	0	1	0	2	6	2	5·31	–	38
	Linton-on-Ouse ..	18-7 7	46	59·8	42·5	51·1	–	71	16	31	21	–	–	30	1·17	–	·25	23	11	8	0	0	0	1	2	4	0	–	–	–
	Redcar	9 9 9	25	58·3	43·7	51·0	–	64	12,18	31	29	–	–	20	·78	–	·16	25	10	7	–	–	–	2	–	–	–	4·69	–	34
	Scarborough ††§	9 9 9	118	60·2	44·8	52·5	+6·4	67	13	38	5,6,8	–	48·0	33	1·30	83	·32	30	10	8	0	0	0	0	0	0	–	5·25	106	38
	Thornaby ..	18-7 7	60	59·2	42·6	50·9	–	66	27	30	29	–	–	24	·96	–	·19	25	11	8	0	0	0	1	1	6	1	–	–	–
	Whitby	9 9 9	148	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	York .. ¶§	9 9 9	57	59·6	44·2	51·9	+6·0	69	16	36	6,29	51·7	45·9	37	1·46	91	·26	21,22	10	9	0	0	0	1	–	–	2	5·44	125	39
Yorks., E. Riding	Bridlington ..	2121 9	76	60·5	41·5	51·0	+6·5	68	13,16	31	29	–	–	28	1·09	–	·45	30	9	8	0	0	0	0	2	–	–	5·23	109	37
	Driffield ..	18-7 7	65	59·6	42·2	50·9	–	68	16	31	21	–	–	22	·88	–	·22	30	8	8	0	0	1	0	2	2	3	–	–	–
	Hull	2121 9	8	60·8	44·4	52·6	+6·9	69	15	34	29	49·2	45·8	29	1·14	73	·24	25	12	8	0	0	1	0	0	2	–	5·08	127	37
	Spurn Head ..	18-7 7	29	56·7	44·5	50·6	+5·3	65	15	38	7	–	–	24	·96	74	·22	23	8	7	0	0	0	0	0	–	5	5·18	105	37
Lincoln	Boston—																													
	(Freiston Road)	2121 9	16	61·0	43·4	52·2	–	70	15,16	32	21	–	–	22	·87	–	·42	23	9	5	1	0	0	1	0	3	–	–	–	–
	(North Sea Camp)	18-7 7	10	61·1	42·6	51·9	–	71	15	34	21	–	–	27	1·08	–	·45	23	11	5	1	0	1	1	0	–	–	4·95	–	36
	Cranwell .. ¶§	18-7 7	203	60·4	42·4	51·4	+5·9	74	16	33	21	48·7	46·6	22	·85	64	·33	23	10	6	0	0	2	1	0	5	3	5·61	119	40
	Cleethorpes ..	9 9 9	23	60·1	43·3	51·7	+5·6	69	15	35	7	–	–	24	·96	–	·24	18	10	7	0	0	0	0	0	–	–	5·52	122	40
	Skegness ..	9 9 9	15	58·9	43·3	51·1	+6·2	67	13,15,18	34	20	–	–	24	·96		·32	23	8	7	0	0	0	1	0	–	–	5·20	98	37

† At Scarborough the earth thermometer is at a depth of 3 ft.

¶§, § *See* Notes on Tables in Annual Summary.

* At Scorton from March 9th, 1943.

TABLE III (*continued*)—Summary of Observations of Temperature, Rainfall, Sunshine and Weather APRIL, 1943

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation Max. Min. Rain	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES FAHRENHEIT: Means of A Max.	B Min.	Mean of A and B	Difference from Average	Absolute Maximum and Minimum: Maximum	Date	Minimum	Date	Earth Temperature 1 ft	4 ft	RAINFALL: Total Fall		Percentage of Average	Most in a day: Amount	Date	WEATHER Number of days: Precip'n ·01in (0·2mm) or more	·04in (1·0mm) or more	Snow	Snow lying	Hail	Thunderstorm	Fog (Morn'g Obs.)	Ground Frost	Gale	BRIGHT SUNSHINE: Daily Mean	Percentage of Average	Percentage of Possible
		G.M.T.	ft	°F	°F	°F	°F	°F		°F		°F	°F	mm	in	%	in											hr	%	%
3 ENGLAND, E.																														
Norfolk	Cromer	9 9 9	178	60·2	43·8	52·0	+6·2	72	18	34	8	–	–	18	·70	56	·21	23	11	5	0	0	1	1	0	0	1	5·36	100	39
	Hunstanton	9 9 9	100	60·0	44·3	52·1	+5·2	67	13,14,15	37	8,9	–	–	22	·85	–	·27	23	12	6	1	0	0	0	0	–	–	4·95	105	36
	Norwich	9 9 9	110	61·8	43·1	52·5	+6·0	73	16,18	33	29	48·7	–	25	·98	–	·25	30	9	7	0	0	1	1	–	4	–	5·54	109	40
	Sprowston	9 9 9	93	60·9	43·5	52·2	+5·9	73	16	31	29	–	–	18	·71	–	·21	23	10	6	0	0	0	1	–	5	–	5·11	109	37
	Terrington	9 9 9	13	62·3	41·3	51·8	–	73	16	30	20	–	–	24	·94	–	·28	23	11	6	0	0	1	1	0	2	–	5·59	–	40
	Yarmouth ¶§	18–7 7	5	58·8	44·7	51·7	+6·0	73	17	32	20	56·2	47·5	19	·74	49	·19	30	9	8	0	0	1	1	0	0	0	6·08	111	44
Suffolk	Bungay (Flix'n)	9 9 9	79	61·4	43·3	52·3	+6·0	74	16	35	8,20,(29	–	–	22	·87	–	·27	27	6	5	0	0	1	1	0	2	–	–	–	–
	Felixstowe Airfield	18–7 7	10	60·3	44·8	52·5	+6·4	75	17	35	7	–	–	17	·66	55	·19	23	10	5	0	0	1	1	1	0	2	6·60	113	48
	Ipswich, Belstead	9 9 9	125	60·9	43·1	52·0	–	74	17	35	8,20	48·6	47·2	21	·85	–	·25	23	11	7	1	0	1	1	0	4	1	5·42	–	39
	Lowestoft	9 9 9	82	60·9	43·8	52·3	+6·6	74	17,18	34	20	51·1	48·3	18	·72	49	·14	27	9	7	0	0	0	1	1	2	2	5·78	98	42
	Mildenhall	18–7 7	15	61·6	43·2	52·4	–	75	16	32	29	–	–	20	·79	–	·20	23	9	6	0	0	0	0	0	5	0	5·34	–	39
	Stradishall	18–7 7	382	59·7	43·4	51·5	–	72	16,17	35	7,8,21	–	–	28	1·11	–	·35	23	11	7	0	0	2	1	1	4	1	–	–	–
Cambridge	Cambridge Gdns ¶§	2121 9	41	61·8	42·1	51·9	+5·6	75	16	29	20	50·1	48·0	21	·84	62	·21	23	10	7	0	0	1	0	0	8	0	5·33	108	39
Bedford	Dunstable	18–7 7	516	59·1	41·6	50·3	–	73	16,17	31	8	49·7	45·9	23	·91	–	·16	23	13	9	0	0	1	1	0	6	1	5·34	–	39
	Luton	9 9 9	381	59·9	43·2	51·5	+6·2	74	16	32	20,29	49·1	46·8	26	1·02	–	·16	27	11	9	–	–	–	–	0	6	–	5·32	121	39
	Woburn	9 9 9	291	59·9	42·9	51·4	+5·9	76	16	32	20,29	50·9	48·0	35	1·36	91	·51	23	12	9	0	0	1	1	0	4	–	5·29	111	38
Hertford	Rothamsted ¶§	9 9 9	420	59·3	42·4	50·9	+5·7	74	16	33	20	49·0	–	26	1·01	63	·30	23	14	8	0	0	1	0	0	4	–	5·21	104	38
	St. Albans	9 9 9	272	60·7	41·9	51·3	+5·4	74	16,17	31	20	50·1	–	29	1·15	76	·39	23	11	8	–	–	0	0	0	8	–	–	–	–
Essex	Dovercourt	9 9 9	47	61·0	44·3	52·7	+5·8	75	16,17	36	8	–	–	19	·75	–	·37	23	7	5	0	–	0	0	0	0	–	5·84	–	42
	Earls Colne	9 9 9	160	61·4	42·5	51·9	+4·6	76	16	30	20,21	49·7	47·7	25	·99	–	·27	23	9	7	0	0	0	1	–	11	–	–	–	–
	Halstead	9 9 9	140	62·2	42·2	52·2	+5·3	77	16	30	20,21	–	–	28	1·10	–	·31	30	9	9	0	0	0	0	0	–	–	–	–	–
	Maldon	9 9 9	14	62·2	42·2	52·2	–	75	16,17	29	21	–	–	26	1·04	–	·34	30	7	6	0	–	0	1	1	–	–	5·86	–	42
	Shoeburyness	18–7 7	11	61·1	45·6	53·3	+6·8	76	17	36	8	–	–	21	·84	69	·22	27	8	5	0	0	0	1	0	2	1	5·08	100	37
	Walton-on-Naze	9 9 9	35	60·1	44·5	52·3	+5·9	73	17,18	35	29	–	–	18	·70	–	·28	23	11	5	–	–	–	–	0	1	–	5·87	108	43
	Writtle	9 9 9	105	62·2	42·1	52·1	–	76	16,17	29	21	–	–	34	1·33	–	·43	23	10	7	0	0	0	1	–	6	–	–	–	–
4 MIDLAND COUNTIES																														
Yorks., W. Riding	Askham Bryan	9 9 9	90	60·0	41·7	50·9	–	71	16	31	21	–	–	33	1·29	–	·23	21	11	9	0	0	0	1	1	4	–	4·68	–	34
	Bingley	9 9 9	610	56·6	41·9	49·3	–	66	16	33	8	–	–	53	2·10	–	·65	25	12	9	1	0	0	0	3	6	–	–	–	–
	Bradford	9 9 9	439	56·9	43·0	49·9	+5·6	67	16	35	6,21	47·1	44·7	33	1·31	65	·46	25	11	8	0	0	–	–	3	6	–	5·17	121	37
	Doncaster	9 9 9	25	60·4	41·4	50·9	–	68	14,15	29	20,21,29	–	–	28	1·12	–	·37	25	11	7	0	0	0	0	1	10	–	5·18	–	37
	Finningley	18–7 7	39	60·9	43·4	52·1	–	70	14,15	33	20,29	–	–	23	·92	–	·29	25	9	6	0	0	0	0	3	–	–	–	–	–
	Harrogate ¶§	9 9 9	478	57·7	42·9	50·3	+6·3	69	16	34	6	46·7	46·0	32	1·26	63	·35	21	12	9	1	0	1	1	1	1	4	5·64	119	40
	Huddersfield	2121 9	325	57·8	42·9	50·3	+5·6	69	16	33	21	47·9	45·8	45	1·78	93	·65	25	11	8	0	0	0	–	2	6	–	5·35	136	38
	„ (Oakes)	9 9 9	761	55·8	41·5	48·7	+4·5	63	15	32	6	47·8	44·9	58	2·27	104	·75	25	15	9	1	0	1	1	1	9	4	–	–	–
	Ilkley	9 9 9	315	58·3	41·6	49·9	+5·0	70	16	30	21	–	–	46	1·82	–	·45	25	15	10	0	0	0	0	0	2	–	6·07	150	44
	Meltham	9 9 9	585	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Pontefract	9 9 9	255	58·4	43·4	50·9	+5·1	69	16	35	8,20	–	–	23	·92	60	·22	23	12	6	–	–	–	–	2	4	–	5·47	–	39
	Rotherham	7 7 7	284	59·0	41·7	50·3	–	67	15	34	21	48·4	–	33	1·31	–	·32	25	14	11	1	0	0	1	2	2	–	5·52	–	40
	Sheffield	9 9 9	428	58·1	44·3	51·2	+5·5	69	16	35	6,8	47·7	45·5	48	1·89	97	·68	25	13	9	0	0	0	2	–	3	5	5·44	128	39
	Wakefield	9 9 9	124	61·5	42·9	52·2	+6·5	75	16	30	21	48·6	46·2	36	1·40	83	·33	25	13	7	0	0	1	1	3	7	–	5·09	128	37
Derby	Belper (School)	9 9 9	198	60·2	41·5	50·9	+5·2	73	16	30	8	–	–	25	·99	53	·18	18	11	10	0	0	0	1	–	–	–	–	–	–
	Buxton	9 9 9	1007	53·7	40·7	47·2	+4·5	65	16	31	8,9	–	43·9	71	2·79	95	·60	25	18	12	1	1	1	1	3	2	–	4·76	113	34
Nottingham	Mansfield	9 9 9	357	59·6	43·1	51·3	+5·5	74	16	34	8,21	–	–	22	·88	51	·23	21	11	7	0	0	0	1	0	–	–	–	–	–
	Nottingham ¶§	9 9 9	192	60·0	44·1	52·1	+6·0	73	16	35	8	48·4	46·4	17	·68	48	·19	23	9	6	–	–	–	–	2	5	–	5·13	119	37
	Sutton Bonington	9 9 9	157	60·3	42·6	51·5	+5·4	73	16	31	8	49·2	–	19	·73	53	·21	23	10	6	0	0	0	0	–	5	–	5·39	133	39
Leicester	Leicester	9 9 9	325	60·3	42·3	51·3	–	75	16	31	29	47·3	–	16	·63	–	·24	23	7	6	0	0	0	0	0	2	–	4·51	–	32
Northampton	Oundle	9 9 9	147	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Peterborough	9 9 9	46	62·0	43·8	52·9	–	75	16	32	21	–	–	20	·77	–	·26	23	9	6	0	–	0	0	–	–	–	–	–	–
	Raunds	9 9 9	193	61·0	41·8	51·4	–	74	16	30	8,29	–	–	19	·73	–	·17	23	9	7	0	0	1	0	0	4	2	–	–	–
Warwick	Birmingham ¶§	18–7 7	535	58·3	44·2	51·3	+5·5	73	16	34	8	48·0	46·9	18	·71	41	·12	1	12	8	0	0	1	1	2	5	1	5·06	119	36
	„ Sparkhill	7 7 7	425	61·1	41·8	51·5	+5·6	77	16	32	21,29	–	–	22	·85	46	·37	23	13	6	0	0	1	1	5	8	–	–	–	–
	Coventry	9 9 9	241	60·6	41·6	51·1	–	75	16	28	29	49·8	49·9	17	·69	41	·23	23	14	4	0	0	0	0	0	–	–	4·75	106	34
	Honiley	18–7 7	427	59·1	43·2	51·1	–	73	16	32	8	–	–	19	·74	–	·24	23	10	8	0	0	0	0	0	3	2	–	–	–
	Leamington Spa	9 9 9	163	60·2	43·0	51·6	+5·0	74	16	32	29	52·3	49·8	19	·74	–	·18	25	15	5	0	0	1	0	1	4	–	4·99	115	36
	Rugby	2121 9	390	60·6	41·9	51·3	+6·0	75	16	30	29	–	–	20	·78	49	·26	23	10	5	0	–	0	0	–	13	–	–	–	–
	Shipston on Stour	9 9 9	364	59·6	43·5	51·5	–	74	16	34	20	–	–	17	·67	–	·16	23	13	7	0	0	0	0	0	–	–	5·62	–	41
	Stratford on Avon	9 9 9	153	61·6	41·7	51·7	–	76	16	28	29	–	–	26	1·03	–	·20	1	13	9	0	0	0	0	0	7	–	5·57	–	40
Oxford	Oxford ¶§	9 9 9	208	61·2	44·4	52·8	+5·9	76	16	35	21	51·1	48·6	26	1·01	63	·15	23,24,29	12	10	0	0	0	0	0	3	3	5·55	113	40
	Upper Heyford	18–7 7	408	59·6	43·5	51·5	–	74	16	34	7,8,20	–	–	14	·54	–	·21	23	12	5	0	0	0	0	0	5	1	–	–	–
Stafford	Market Drayton	9 9 9	581	57·7	40·7	49·2	–	68	16	27	8	–	–	24	·96	–	·17	18	14	10	0	0	0	1	1	7	–	5·51	–	40
	Mayfield	9 9 9	374	58·2	40·8	49·5	+5·0	72	16	26	8	–	–	38	1·49	74	·50	23	14	10	0	0	0	3	2	–	5	2	5·37	119	39
	Oaken	8 8 8	409	58·6	40·5	49·5	–	72	16	33	8	48·7	–	23	·92	–	·18	18	12	8	0	0	0	1	3	8	–	–	–	–
	Walsall	9 9 9	455	58·9	41·5	50·2	–	73	16	32	8	–	–	31	1·23	–	·33	23	18	9	0	0	1	1	6	8	5	–	–	–
Shropshire	Newport	9 9 9	211	59·2	39·7	49·5	–	72	16	30	20 (29)	–	–	23	·92	60	·23	18	14	9	0	0	1	1	0	10	–	5·01	–	36
	Oswestry	9 9 9	570	57·1	42·5	49·8	–	68	16	33	4,29	–	–	37	1·46	–	·32	21	15	10	0	0	0	1	0	5	3	5·86	–	42
	Shrewsbury	9 9 9	184	59·6	43·1	51·3	+5·2	72	16	30	29	50·3	49·0	34	1·33	–	·32	21	15	10	0	0	2	0	1	7	3	4·91	–	35
	Tern Hill	18–7 7	270	58·3	42·7	50·5	–	69	16	31	29	–	–	25	·97	–	·14	25	12	10	0	0	0	0	5	3	1	–	–	–

¶§, § *See* Notes on Tables in Annual Summary.

TABLE III (*continued*)—Summary of Observations of Temperature, Rainfall, Sunshine and Weather APRIL, 1943

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation: Max. Min. Rain	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES FAHRENHEIT: Means of A Max.	Means of B Min.	Mean of A and B	Difference from Average	Absolute Maximum and Minimum: Maximum	Date	Minimum	Date	Earth Temperature: 1 ft	4 ft	RAINFALL: Total Fall mm	Total Fall in	Percentage of Average	Most in a day: Amount	Most in a day: Date	WEATHER Number of days: Precip'n .01in (0·2 mm) or more	Precip'n .04in (1·0 mm) or more	Snow	Snow lying	Hail	Thunderstorm	Fog (Morn'g Obs.)	Ground Frost	Gale	BRIGHT SUNSHINE: Daily Mean	Percentage: of Average	Percentage: of Possible
		G.M.T.	ft	°F	°F	°F	°F	°F		°F		°F	°F	mm	in	%	in											hr	%	%
4 MID COUNTIES—*cont.*																														
Worcester	Droitwich ..	9 9 9	106	60·5	41·6	51·1	–	75	16	27	20	–	–	24	·95	–	·22	29	9	8	0	0	1	0	0	–	–	5·53	–	40
	Malvern	9 9 9	380	59·7	44·8	52·3	+5·4	75	16	37	8	50·3	47·6	29	1·13	63	·26	23	10	8	0	0	0	0	0	–	–	5·36	105	39
	Prestwood ..	9 9 9	260	61·7	42·4	52·1	–	77	16	29	29	–	–	25	·99	–	·17	18	14	8	0	0	0	1	6	–	–	–	–	–
	Worcester, P'well	9 9 9	94	61·7	43·1	52·4	+5·7	76	16	30	20,21,29	–	–	30	1·17	–	·31	23	10	7	0	0	0	0	–	6	–	(5·44)	–	(39)
Hereford	Hereford ..	9 9 9	292	61·2	42·4	51·8	+5·6	75	16,17	30	21	–	–	21	·81	45	·19	21	11	6	–	–	–	–	0	2	–	–	–	–
	Ross-on-Wye ¶§	18-7 7	223	59·9	44·4	52·1	+5·4	74	16	32	20	50·7	48·8	16	·63	33	·16	27	10	6	0	0	0	1	3	1	5·37	114	39
Gloucester	Cheltenham ..	2121 9	214	61·1	43·3	52·2	+5·3	75	16	34	20	51·5	49·8	23	·92	54	·28	29	9	5	0	0	1	0	0	3	0	5·07	101	37
	Frampton Cotterell	9 9 9	158	61·8	43·3	52·5	–	78	16	31	20	50·7	49·0	26	1·02	–	·34	23	10	6	0	0	0	0	–	11	–	–	–	–
	Parkend	9 9 9	325	60·0	41·8	50·9	–	75	16	30	20	49·2	47·5	22	·86	–	·26	25	9	6	0	0	0	0	0	5	–	5·25	–	38
	Stonehouse ..	9 9 9	150	61·1	43·8	52·5	–	75	16	33	20	–	–	15	·61	–	·14	23,28	10	5	0	0	0	0	0	5	–	–	–	–
5 ENGLAND, S.E.																														
London	City, Bunhill Row	—	—																									4·97	121	36
	Camden Square ..	9 9 9	110	62·3	46·5	54·4	+6·1	78	16	37	8	50·1	47·8	29	1·14	74	·36	23	12	8	–	–	0	1	–	4	–	–	–	–
	East Ham ..	9 9 9	15	62·3	45·8	54·1	+6·9	76	16	37	8	–	–	30·0	1·18	86	·26	23	11	8	–	–	–	–	–	–	–	–	–	–
	Enfield	9 9 9	87	61·2	44·3	52·7	+5·2	75	16	33	20	–	47·5	28	1·09	75	·38	23	9	7	0	0	0	2	5	1	–	5·03	104	36
	Greenwich ..	2424 9	149	61·8	44·4	53·1	+5·9	75	15,16,17	36	29	49·1	47·4	23	·92	63	·26	23	12	8	0	0	0	1	0	8	1	5·10	111	37
		21 9 –	—	61·8	45·1	53·5																								
	Hampstead ..	9 9 9	450	60·7	43·2	51·9	+6·0	75	16	33	8	–	–	29	1·14	–	·36	23	13	8	0	–	0	1	–	4	1	5·17	107	37
	Kensington ..	18-9 9	80	62·5	45·8	54·1	+5·8	77	16,17	37	20,29	51·2	48·5	29	1·15	76	·34	23	12	7	0	0	0	0	–	4	1	–	–	–
	Kingsway ..	—	—																									4·90	–	36
	Regent's Park ..	9 9 9	129	(62·0)	46·0	(54·0)	–	75	16,17	37	8	–	–	27	1·06	–	·37	23	11	8	0	0	0	1	0	3	–	5·18	123	38
	Kew ¶§	242424	18	60·3	45·5	52·9	+5·8	74	16	38	20	50·4	48·2	19	·73	50	·31	23	10	5	0	0	0	0	1	9	0	5·09	105	37
	Observatory ..	18-7 –	—	60·4	45·9	53·1	+5·4																							
	Southgate ..	9 9 9	221	61·1	44·6	52·9	–	76	16	35	8	49·9	–	33	1·28	–	·41	23	13	8	0	0	0	1	0	3	0	5·26	–	38
	Tottenham ††¶§	2121 9	54	63·0	47·0	55·0	+7·1	78	16	39	20,29	–	48·4	37	1·47	101	·38	23	12	8	–	0	1	2	–	4	–	5·17	110	37
	Wealdstone ..	9 9 9	192	61·6	43·3	52·5	–	77	16	32	20	–	–	24	·93	62	·32	23	12	8	0	0	1	0	0	4	2	5·92	–	43
	Westminster ..	9 9 9	27	62·4	46·4	54·4	+6·0	77	16	38	8,20	–	–	29	1·15	84	·37	23	12	8	0	–	0	0	–	0	–	4·90	110	36
Surrey	Addington ..	9 9 9	473	60·3	44·2	52·3	+6·5	75	17	35	8	–	–	24	·95	–	·44	23	9	6	–	–	–	–	0	–	–	–	–	–
	Croydon	18-7 7	217	61·9	45·2	53·5	+6·4	77	16,17	35	20	–	–	25	·97	59	·35	23	12	8	0	0	0	1	2	0	5·86	132	42
	Farnham ..	9 9 9	260	62·4	41·6	52·0	–	78	16	31	20	–	–	32	1·25	–	·43	23	13	8	0	0	0	0	5	–	–	–	–	–
	Milford	9 9 9	180	62·4	40·3	51·3	–	76	16,17	27	21	–	–	28	1·12	–	·45	23	11	9	0	0	0	0	7	–	5·89	–	43
	Wisley	9 9 9	150	62·2	43·2	52·7	+5·9	77	16,17	33	20	51·1	48·2	33	1.32	90	·34	23	14	10	0	0	0	0	0	14	1	5·55	112	40
Kent	Bromley	9 9 9	213	63·5	44·5	54·0	–	78	17	35	20	–	–	31	1·20	82	·44	23	11	8	0	0	0	0	0	4	–	–	–	–
	Canterbury ..	9 9 9	135	62·8	43·6	53·2	+6·1	78	16	33	21	51·3	48·4	35	1·36	–	·56	23	10	8	–	–	–	–	5	–	–	–	–	–
	Deal	9 9 9	18	60·9	44·9	52·9	+5·2	76	17	36	5	49·6	48·0	29	1·15	–	·19	23	12	10	0	0	0	2	1	8	–	5·75	110	42
	Dover	7 7 7	200	59·9	40·6	50·3	+3·8	74	17	33	5,6	–	–	25	·98	61	·20	18	10	9	0	0	0	2	–	–	–	–	–	–
	Dungeness ..	18-7 7	20	57·5	43·6	50·5	+4·1	66	16	33	5,6,20	–	–	21	·82	60	·28	23	11	5	0	0	1	0	0	–	1	–	–	–
	East Malling ..	9 9 9	132	62·1	43·5	52·8	+6·1	77	17	32	20	–	–	38	1·51	–	·61	23	10	7	0	0	0	0	4	0	5·10	105	37
	Goudhurst ..	9 9 9	290	61·4	42·1	51·7	–	76	16	31	20	–	–	39	1·53	–	·73	23	9	8	0	0	0	0	5	–	–	–	–	–
	Lympne	18-7 7	283	58·7	42·8	50·7	+5·0	73	17	35	5,8,29	–	–	23	·92	56	·27	23	9	6	0	0	0	0	2	1	5·75	107	42
	Manston	18-7 7	154	60.1	45·4	52·7	–	74	15,17	39	7,8	–	–	32	1·26	–	·44	30	9	6	0	0	0	1	0	0	1	5·74	–	42
	Ramsgate ..	9 9 9	80	59·1	46·2	52·7	+6·1	75	17	40	7,8,9	–	–	27	1·08	–	·35	23	8	8	0	0	0	1	0	–	–	5·35	92	39
	Tunbridge W. ..	9 9 9	351	61·3	41·3	51·3	+5·0	76	16,17	31	20	50·5	48·4	42	1·67	–	·77	23	12	8	0	0	0	0	2	2	5·96	114	43
	Whitstable ..	9 9 9	9	61·3	45·3	53·3	–	76	17	38	4,5,21	–	–	34	1·34	–	·47	30	9	6	0	0	0	1	0	–	–	5·79	–	42
	Wye	9 9 9	164	60·7	42·5	51·6	+4·9	77	16	32	5	–	–	35	1·39	–	·63	23	8	6	0	0	0	0	–	6	–	5·48	116	40
	Margate .. ¶§	9 9 9	51	59·7	47·3	53·5	+6·3	74	18	39	8	51·7	49·5	31	1·21	90	·44	30	8	6	0	0	0	1	0	0	1	5·95	100	43
Sussex	Beachy Head ..	18-7 7	502	54·9	45·0	49·9	+4·6	70	17	32	6	–	–	39	1·55	–	·69	23	10	7	0	0	0	0	3	–	–	–	–	–
	Bexhill	9 9 9	12	57·3	44·7	51·0	+3·8	71	17	35	20	52·0	–	31	1·24	–	·48	23	13	6	0	0	0	0	0	1	–	–	–	–
	Bodiam	9 9 9	71	60·4	41·6	51·0	–	76	16	31	5,21	–	–	37	1·44	–	1·02	23	8	6	0	0	0	0	0	7	–	5·68	–	41
	Bognor	9 9 9	24	57·4	44·9	51·1	+4·2	67	16	38	6,20	–	49·5	25	1·00	–	·43	23	10	7	0	0	0	0	–	–	–	6·01	100	44
	Hastings ¶§	2121 9	149	58·3	45·3	51·8	+5·0	74	17	36	8	53·3	50·5	29	1·15	69	·41	23	12	6	0	0	0	0	1	0	5·75	99	42
	Horsham	9 9 9	350	62·3	39·8	51·1	–	78	16	29	20	48·7	–	43	1·71	–	·75	23	13	10	0	0	1	0	0	10	–	–	–	–
	Littlehampton ..	9 9 9	15	58·8	44·8	51·8	+5·4	71	16	35	20	–	50·0	28	1·10	–	·50	23	8	6	0	0	0	0	–	–	–	5·96	108	43
	Patcham ..	9 9 9	200	59·9	42·0	50·9	–	76	16	34	5	50·4	–	35	1·38	–	·58	23	13	9	0	0	0	0	3	1	–	–	–	–
	Seaford	9 9 9	45	57·2	43·5	50·3	–	69	16	36	20	–	–	34	1·34	–	·83	23	6	4	0	0	0	0	–	–	–	–	–	–
	Thorney Is. ..	18-7 7	10	59·8	43·9	51·9	–	73	16	35	20	–	–	26	1·02	–	·57	23	8	4	0	0	0	0	1	3	1	–	–	–
	Worthing ..	9 9 9	25	58·1	45·6	51·9	+4·8	71	16	38	20	51·6	49·6	28	1·12	72	·50	23	11	5	0	0	0	0	1	–	–	6·20	102	45
Berkshire	Reading .. †	9 9 9	152	61·6	44·0	52·8	+5·9	78	16	35	20	51·0	48·8	22	·87	–	·23	23	12	8	0	0	0	0	2	–	–	5·78	–	42
	Shinfield ..	9 9 9	200	61·7	42·8	52·3	+5·9	77	16	31	20	–	–	26	1·03	–	·23	23	12	10	0	0	0	0	–	4	–	–	–	–
Hampshire	Bournemouth ..	9 9 9	139	61·2	44·5	52·9	+5·6	75	17	35	20	50·3	49·1	25	·99	55	·28	23	10	5	0	0	0	0	0	–	–	6·48	110	47
	Bramley	9 9 9	196	62·6	41·1	51·9	–	78	16	28	21	51·3	49·1	19	·73	–	·21	23	9	7	0	0	0	0	3	–	–	–	–	–
	Leckford ..	9 9 9	385	60·6	42·6	51·6	–	75	16,17	31	20	50·1	–	27	1·07	–	·34	23	8	8	0	0	0	0	1	–	–	5·65	–	41
	Long Sutton ..	9 9 9	479	62·1	41·7	51·9	+5·8	78	16	33	20	–	–	28	1·09	–	·41	23	10	8	0	0	0	0	0	0	–	5·93	127	43
	Portsmouth ..	9 9 9	15	60·5	46·7	53·6	+5·5	74	17	38	20	52·0	50·1	21	·84	53	·37	23	8	5	0	0	0	0	1	1	–	6·13	105	45
	Southampton ¶§	2121 9	64	61·6	44·3	52·9	+5·2	76	17	35	20	–	–	21	·84	45	·28	23	7	5	0	0	0	0	1	1		6·03	111	44
	S. Farnboro' ..	18-7 7	226	61·9	43·4	52·7	+6·0	78	16	31	20	–	–	32	1·26	83	·39	23	12	7	0	0	0	0	0	8	1	5·98	121	43
I. of Wight	*Newport	9 9 9	48					73	16,17			50·7	48·5	26	1·01	–	·42	23										6·20	–	45
	Ryde	9 9 9	13	60·5	45·7	53·1	+5·4	74	17	38	20	–	–	23	·90	–	·39	23	8	5	0	0	0	0	1	–	0	6·34	115	46
	St. Catherine's Pt.	18-7 7	150	56·9	46·8	51·9	–	69	17	38	8	–	–	26	1·02	–	·43	23	10	7	0	0	0	0	2	–	0	–	–	–
	Sandown ..	9 9 9	13	59·6	45·9	52·7	+5·0	73	17	37	5	–	–	23	·89	–	·45	23	10	5	0	0	0	0	–	–	–	6·32	107	46
	Totland Bay ..	9 9 9	140	57·8	45·2	51·5	+4·7	70	16,17	35	20	–	–	24	·94	57	·33	23	10	6	0	0	0	1	1	4		6·10	103	45
	Ventnor(Hospital)	9 9 9	60	58·6	46·9	52·7	+4·8	69	17	38	6,8	–	–	27	1·06	63	·39	23	10	6	0	0	0	0	–	–	0	6·37	106	46
Wiltshire	Amesbury ..	18-7 7	417	60·3	42·2	51·3	–	76	16	32	20	–	–	16	·63	–	·27	23	9	6	0	0	0	0	3	3	0	5·57	–	40
	Larkhill	9 9 9	440	59·3	42·6	50·9	+5·4	73	16,17	31	20	–	–	16	·62	38	·28	23	9	4	0	0	0	0	1	4	1	–	–	–
	Marlboro' ¶§	9 9 9	424	60·0	40·3	50·1	+5·1	75	16	27	20		–	23	·93	48	·31	23	10	8	0	0	0	0	1	5	3	5·75	120	42
	Porton	9 9 9	363	60·0	41·2	50·6	+5·3	75	16	30	20	50·1	–	15	·61	37	·24	23	7	5	0	0	0	0	1	4	0	5·59	119	41

¶§, § *See* Notes on Tables in Annual Summary. †† Tottenham is used as a "district value" station for England, E., and not for England, S.E. † Sunshine recorder is at Seed Trial Grounds.

* Sunshine recorder and earth thermometers at Staplers.

TABLE III (*continued*)—Summary of Observations of Temperature, Rainfall, Sunshine and Weather APRIL, 1943

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation Max. Min. Rain	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES FAHRENHEIT: Means of A Max.	Means of B Min.	Mean of A and B	Difference from Average	Absolute Maximum and Minimum: Maximum	Date	Minimum	Date	Earth Temperature 1 ft	4 ft	RAINFALL: Total Fall mm	in	Percentage of Average	Most in a day: Amount	Date	WEATHER Number of days: Precip'n ·01in (0·2mm) or more	·04in (1·0mm) or more	Snow	Snow lying	Hail	Thunderstorm	Fog (Morn'g Obs.)	Ground Frost	Gale	BRIGHT SUNSHINE: Daily Mean	Percentage of Average	Percentage of Possible
		G.M.T.	ft	°F	°F	°F	°F	°F		°F		°F	°F	mm	in	%	in											hr	%	%
7a ENGLAND, N.W.																														
Cumberland	Keswick	9 9 9	254	54·8	41·5	48·1	+3·2	65	21	30	8	47·2	45·9	102	4·00	130	·85	24	18	15	0	0	4	1	0	6	1	3·35	80	24
	Newton Rigg ¶§	2121 9	560	54·9	40·6	47·7	+4·1	63	21	29	8	–	–	53	2·08	99	·48	25	14	10	1	0	1	1	0	1	1	4·42	94	32
Westmorland	Ambleside ..	9 9 9	145	55·6	41·7	48·7	–	66	16,21	31	8,21,29	–	–	113	4·47	–	1·41	24	16	14	0	0	0	1	0	–	–	3·72	–	27
	Appleby	9 9 9	440	55·5	40·7	48·1	+4·5	63	21	30	8	–	–	64	2·53	130	·57	25	17	12	0	0	2	0	–	–	–	–	–	–
Lancashire	Blackpool ..	9 9 9	65	55·4	44·3	49·9	+4·0	66	21	35	21	50·5	48·1	56	2·19	116	·49	23	16	12	0	0	0	0	2	5	–	5·31	96	38
	Bolton	9 9 9	342	56·3	41·7	49·0	+3·7	67	16	30	8	47·9	45·6	68	2·68	105	·44	27	20	13	0	0	0	1	–	2	–	4·78	135	34
	Burnley	9 9 9	458	55·6	41·8	48·7	+4·8	65	16	29	8	47·8	45·5	64	2·51	–	·39	25	16	12	0	0	1	0	0	10	–	–	–	–
	Darwen	2121 9	724																											
	Fleetwood ..	9 9 9	21	56·4	44·0	50·2	–	65	21,22	37	6,7	–	–	59	2·33	–	·51	23	18	12	0	0	1	1	0	1	4	5·14	–	37
	Hutton	9 9 9	82	56·7	42·7	49·7	+4·5	65	21	28	8	48·9	46·3	53	2·08	–	·44	21	15	13	0	0	0	0	–	5	4	5·31	112	38
	Leyland	9 9 9	125	56·4	42·7	49·5	+4·2	64	16,21	27	8	–	–	66	2·61	129	·48	21	16	13	0	0	1	1	1	4	–	–	–	–
	Manchester (Burnage) ..	9 9 9	147	58·0	43·3	50·7	–	66	15	30	8	–	–	36	1·40	–	·29	21	18	10	0	0	0	0	2	–	–	4·69	–	34
	(Whitworth Pk.)	2121 9	125	57·9	44·1	51·0	+4·7	68	16	33	8	47·9	46·7	37	1·44	75	·35	21	17	7	0	0	0	0	5	5	2	4·32	117	31
	Morecambe ..	9 9 9	23	53·9	44·2	49·1	+3·3	65	21	37	6	–	–	58	2·29	111	·60	23	12	10	0	0	2	1	1	–	0	4·70	88	34
	Nelson	9 9 9	540	54·4	42·0	48·2	–	64	16	33	8,21	47·2	45·1	63	2·47	–	·41	25	17	13	–	–	–	–	5	4	–	4·57	–	33
	Southport (Bedford Rd.Pk.) ¶§	9 9 9	35	56·3	44·1	50·2	+4·3	65	21	32	21	49·2	48·5	51	2·00	108	·49	23	16	12	0	0	2	0	1	3	4	5·79	105	42
	Stonyhurst ¶§	9 9 9	377	54·8	42·6	48·7	+4·1	63	16	32	8	–	–	71	2·81	104	·50	21	18	13	0	0	4	1	1	4	1	5·09	109	37
Cheshire	Bidston Obs'y ..	9 9 9	198	55·4	44·9	50·1	+4·2	62	14,21	39	8,21	–	–	30	1·18	72	·42	23	13	8	–	–	–	–	0	0	–	5·44	105	39
	Hoylake	9 9 9	22	57·1	44·1	50·6	+4·1	65	21	33	21	–	–	29	1·14	71	·33	23	10	9	0	0	0	2	–	1	–	6·15	113	44
	Macclesfield ..	9 9 9	500	56·9	42·7	49·8	+5·3	68	16	35	20	–	–	50	1·98	95	·33	27	16	11	0	0	3	0	0	–	–	–	–	–
	Manchester (Ringway) ..	18-7 7	235	57·3	42·8	50·1	–	65	16,21	27	8	–	–	31	1·23	–	·22	22	17	9	1	0	2	1	4	6	3	–	–	–
	Warburton ..	9 9 9	68	58·2	42·2	50·2	–	66	14,16,21	29	8	–	–	33	1·30	–	·35	21	13	9	0	0	0	0	2	6	–	5·12	–	37
	West Kirby ..	9 9 9	25	57·0	43·7	50·3	+3·4	65	21	35	21	–	–	31	1·23	76	·36	23	13	9	0	0	7	2	0	7	–	5·76	115	41
7b NORTH WALES																														
Flint	Hawarden B'dge	9 9 9	17	59·7	44·1	51·9	+5·2	67	14	31	29	–	–	24	·96	–	·20	21	12	7	0	0	0	1	0	–	–	–	–	–
	Prestatyn ..	9 9 9	18	57·1	45·1	51·1	–	63	14	37	4,29	–	–	24	·95	–	·40	23	11	5	0	0	0	0	0	–	–	5·15	–	37
	Rhyl	9 9 9	31	56·7	45·0	50·9	+4·6	64	21	34	21	–	–	21	·84	55	·30	23	13	6	0	0	0	0	0	2	4	5·86	106	42
	Sealand .. ¶§	18-7 7	16	59·1	44·7	51·9	+5·8	67	14,15,16	34	29	50·1	48·4	30	1·17	81	·14	29	15	10	0	0	0	1	2	7	–	6·45	139	46
Anglesey	Holyhead ¶§	8 8 8	26	54·5	44·8	49·7	+3·4	62	21	40	4	–	–	27	1·07	51	·30	24	11	8	–	–	–	–	0	–	5·58	96	40
	Holyhead (Valley)	18-7 7	32	55·1	44·4	49·7	–	65	21	36	21	–	–	29	1·12	–	·21	23	14	7	0	0	0	0	1	3	3	–	–	–
Denbigh	Colwyn Bay ..	9 9 9	118	57·4	45·0	51·2	+4·1	64	21	32	4	–	–	32	1·26	–	·27	23	11	8	0	0	0	0	0	–	–	5·13	96	37
Carnarvon	Aber	9 9 9	60	56·6	45·7	51·1	+4·0	61	12,21	37	29	–	–	45	1·75	–	·36	29	13	9	0	0	0	0	0	2	0	4·80	101	35
	Llandudno ..	9 9 9	13	56·4	45·5	50·9	+4·2	63	14,21,23	37	4	–	–	35	1·40	83	·34	25	13	7	0	0	0	0	0	3	1	5·42	97	39
Montgomery	Lake Vyrnwy ..	9 9 9	750	55·5	40·5	48·0	–	67	16	31	21	–	–	63	2·46	–	·58	24	16	9	1	0	2	1	0	2	–	–	–	–
	Welshpool ..	9 9 9	254	59·1	41·7	50·4	+4·5	69	16	27	21	–	–	34	1·33	73	·32	25	10	10	0	0	0	0	2	–	–	–	–	–
8a SOUTH WALES																														
Cardigan	Aberporth ..	18-7 7	376	55·4	44·2	49·8	–	63	21	38	21	–	–	39	1·55	–	·39	29	9	7	0	0	0	0	2	5	0	5·94	–	43
	Aberystwyth ..	9 9 9	12	54·5	46·3	50·4	+4·1	64	21	42	5,20,21	–	–	29	1·13	–	·32	29	10	7	0	0	0	0	1	–	–	5·01	95	36
	„ Llety-evan-hen	9 9 9	950	51·6	42·6	47·1	–	59	15,16	33	8	–	–	40	1·59	–	·38	23	15	10	0	0	0	0	–	4	–	4·36	–	31
	„ P.B.S.†	9 9 9	452	54·7	44·3	49·5	+3·9	62	16,21	39	8,20	–	–	49	1·93	–	·38	29	16	10	0	0	0	0	3	0	0	5·04	103	36
Pembroke	Haverfordwest ..	2121 9	127	57·6	42·4	50·0	+4·1	73	16	31	20	–	–	38	1·49	–	·34	23	11	7	0	0	0	0	0	–	–	6·55	112	47
	St. Ann's Hd. ¶§	18-7 7	142	53·7	45·9	49·8	+3·4	68	16	41	6	–	–	29	1·13	55	·25	23	10	7	0	0	0	0	0	–	3	5·76	101	42
	Tenby	9 9 9	64	57·3	44·8	51·1	+4·0	71	16	35	20	–	–	41	1·62	–	·60	23	8	8	0	0	0	0	0	6	–	6·24	107	45
Radnor	Rhayader ¶§	9 9 9	757	56·4	41·6	49·0	+5·5	71	16	29	21	–	–	30	1·17	40	·23	21	16	8	0	0	0	0	0	9	0	5·41	123	39
Brecknock	Cantref	9 9 9	1080	54·6	40·3	47·5	–	71	16	31	20	–	–	71	2·78	–	·69	23	16	13	0	0	0	0	4	–	–	5·08	–	38
	Crickhowell ..	9 9 9	230	60·4	42·9	51·7	–	72	16,17	31	20,21	–	–	26	1·04	–	·40	21	8	5	0	0	0	0	0	10	–	–	–	–
Glamorgan	Cardiff	2121 9	203	59·8	44·2	52·0	+5·5	73	16	32	8	50·7	48·6	44	1·73	69	·58	21	11	7	0	0	0	0	1	0	0	5·64	102	41
	St. Athan ..	18-7 7	145	57·1	44·8	50·9	–	72	16	33	20	–	–	25	·99	–	·48	21	9	7	0	0	0	0	1	3	0	–	–	–
	Swansea	9 9 9	32	58·5	46·4	52·5	+4·7	71	16	38	20	52·9	52·3	32	1·25	–	·31	23	10	8	0	0	0	0	0	3	–	5·50	106	40
8b ENGLAND, S.W.																														
Monmouth	Newport ..	9 9 9	265	61·1	44·5	52·8	+5·5	77	16	36	8,20	51·5	50·1	31	1·12	–	·38	21	11	8	–	–	–	–	3	–	–	5·57	–	40
	Usk	9 9 9	70	60·5	42·2	51·3	+4·8	76	16	29	20	53·6	–	32	1·25	–	·32	24	9	8	0	0	0	0	12	3	1	5·29	82	38
Somerset	Bath .. ¶§	9 9 9	67	60·0	44·4	52·2	+4·9	75	16	32	20	50·9	48·9	17	·68	33	·28	23	7	6	0	0	0	0	0	–	3	5·44	105	39
	Bristol (Airport) ..	18-7 7	209	60·2	43·5	51·9	–	75	16	32	20	–	–	32	1·27	–	·52	23	11	7	0	0	0	0	0	5	0	5·92	–	43
	Cannington ..	9 9 9	95	60·5	44·1	52·3	–	74	16	33	20	–	–	21	·84	–	·36	21	8	5	0	0	0	0	0	3	0	6·05	–	44
	Long Ashton ..	9 9 9	162	60·0	43·6	51·8	+4·9	76	16	32	20	–	–	33	1·30	60	·38	11	12	8	0	0	0	0	0	6	–	5·66	110	41
	Weston-s.-Mare ..	9 9 9	28	58·8	45·9	52·3	–	71	16	36	20	–	–	25	·97	53	·25	11	9	7	0	0	0	0	0	2	–	5·20	102	38

¶§, S *See* Notes on Tables in Annual Summary. † Plant Breeding Station.

TABLE III (*continued*)—Summary of Observations of Temperature, Rainfall, Sunshine and Weather APRIL, 1943.

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation: Max. Min. Rain	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES FAHRENHEIT: Means of A Max.	Means of B Min.	Mean of A and B	Difference from Average	Absolute Maximum and Minimum: Maximum	Date	Minimum	Date	Earth Temperature 1 ft	4 ft	RAINFALL: Total Fall mm	Total Fall in	Percentage of Average	Most in a day: Amount	Date	WEATHER Number of days: Precip'n ·01in (0·2 mm) or more	Precip'n ·04in (1·0 mm) or more	Snow	Snow lying	Hail	Thunderstorm	Fog (Morn'g Obs.)	Ground Frost	Gale	BRIGHT SUNSHINE: Daily Mean	Percentage of Average	Percentage of Possible
		G.M.T.	ft	°F	°F	°F	°F	°F		°F		°F	°F	mm	in	%	in											hr	%	%
8b ENGLAND, S.W.—*cont.*																														
Dorset	Holton Heath ..	9 9 9	64	60·9	42·8	51·9	+5·0	74	17	32	20	52·6	50·7	22	·85	–	·31	23	9	6	0	0	0	0	1	2	1	6·48	125	47
	Poole	9 9 9	18	61·8	43·4	52·6	–	76	17	32	20	–	–	19	·73	–	·27	23	8	5	0	0	0	0	0	–	–	6·00	–	44
	Portland Bill ..	18-7 7	32	53·8	47·4	50·6	+3·7	65	17	42	8	–	–	16	·63	42	·28	23	7	4	0	0	0	0	0	–	0	–	–	–
	Shaftesbury ..	9 9 9	722	58·3	42·0	50·1	–	72	17	31	5	–	–	21	·84	–	·37	23	9	7	0	0	0	0	–	–	–	–	–	–
	Swanage	9 9 9	14	58·7	45·2	51·9	–	71	17	38	5	–	–	26	1·01	–	·30	23	9	6	0	0	0	0	0	0	–	6·84	–	50
	Weymouth ..	9 9 9	16																											
Devon	Barnstaple ..	9 9 9	25	58·7	44·9	51·8	+4·5	75	16	31	20	–	–	30	1·18	56	·39	21	8	7	–	–	–	–	0	3	–	–	–	–
	Cullompton ¶§	9 9 9	202	52·9	42·8	52·9	+5·6	79	17	33	5	53·2	–	24	·96	42	·33	23	9	6	0	0	0	0	0	3	–	6·09	108	45
	Dawlish	9 9 9	17	60·3	44·8	52·5	–	71	18	35	20	–	–	26	1·06	–	·33	23	6	5	–	–	–	–	0	0	–	7·04	–	51
	Exmouth ..	9 9 9	195		44·5			70	18	36	20	–	–	18	·72	–	·26	21	7	5	0	0	0	0	1	–	0	6·77	126	49
	Hartland Pt. ..	18-7 7	299	53·9	47·1	50·5	–	69	16	43	8	–	–	27	1·07	–	·39	23	10	6	0	0	0	0	2	0	0	6·50	–	47
	Ilfracombe ..	9 9 9	25	57·3	47·3	52·3	+4·6	71	16	43	4,20,25	53·8	52·5	28	1·10	55	·26	23	7	6	0	0	0	0	1	0	–	6·46	119	47
	Killerton ..	9 9 9	159	61·3	41·3	51·3	+4·2	76	17	30	20	–	–	23	·90	–	·31	23	7	7	–	–	–	–	0	14	–	–	–	–
	*Newton Abbot ..	9 9 9	375	60·3	43·5	51·9	+4·7	75	17	35	20	–	–	35	1·36	64	·56	21	8	5	0	0	0	0	0	1	–	6·67	126	49
	Plymouth (Hoe)	9 9 9	117	59·3	46·1	52·7	+4·9	74	16	38	20	51·5	50·5	28	1·12	49	·41	23	8	7	0	0	0	0	0	2	0	6·79	116	45
	Plymouth (Mount Batten) ..	18-7 7	86	57·5	44·8	51·1	+3·6	72	16	35	20	–	–	37	1·45	–	·74	23	8	7	0	0	0	0	0	8	4	6·83	122	50
	Princetown ..	9 9 9	1359	55·3	41·0	48·1	+5·2	70	17	35	6,8	–	–	79	3·11	62	·96	24	9	8	0	0	0	0	5	1	–	–	–	–
	Seaton	9 9 9	43	59·4	44·4	51·9	–	70	16,18	34	20	–	–	24	·96	–	·52	21	7	3	0	0	0	0	2	1	–	–	–	–
	Sidmouth ..	9 9 9	25		45·2					36	20	–	–	21	·82	–	·36	21	4	4	0	0	0	0	1	0	–	6·45	–	47
	Tavistock ..	9 9 9	457	58·7	40·7	49·6	+3·0	73	17	31	20	–	52·0	41	1·63	56	·51	24	10	8	0	0	0	0	0	13	1	–	–	–
	Teignmouth ..	9 9 9	20	59·6	45·5	52·5	+4·2	70	18	37	20	–	–	32	1·25	62	·49	21	6	5	0	0	0	0	0	0	–	7·26	124	53
	Torquay	9 9 9	27	59·4	45·4	52·4	+4·0	73	17	37	20	–	50·7	22	·85	43	·25	23	7	5	0	0	0	0	1	0	7·22	119	53
	Totnes	9 9 9	100	60·4	41·1	50·7	–	75	17	29	20	49·4	–	45	1·78	–	·48	21	8	8	0	0	0	0	–	(12)	0	–	–	–
Cornwall	Bude	9 9 9	50	56·6	45·4	51·0	+3·5	73	16	35	21	–	–	26	1·03	54	·19	29	9	9	0	0	0	0	0	–	–	6·61	112	48
	Ellbridge	9 9 9	200	59·4	43·5	51·5	–	75	17	31	20	–	–	36	1·42	–	·50	24	7	6	0	0	0	0	0	4	–	6·97	–	51
	Falmouth Obs. ¶§	9 9 9	167	58.9	46·2	52·5	+4·6	71	17	39	20	53·9	52·4	51	2·03	77	·94	21	9	6	0	0	0	0	1	1	–	7·29	117	53
	Fowey	9 9 9	51					69	17	37	20	–	–								0	0	0	0	1	–	–	6·68	110	49
	Gulval	9 9 9	20	59·6	45·6	52·6	+4·2	74	16	37	20	–	–	41	1·63	–	·50	23	8	7	0	0	0	0	0	1	–	7·63	131	56
	The Lizard ..	18-7 7	240	56·8	46·6	51·7	–	64	18	40	8	–	–	57	2·27	–	1·56	21	6	5	0	0	0	0	0	–	2	7·44	–	54
	Newquay ..	9 9 9	182	57.6	45·7	51·7	+4·6	72	16	37	20	51·7	50·2	32	1·27	63	·32	23	9	7	0	0	1	0	0	–	1	6·97	117	51
	Penzance ..	9 9 9	55	59·1	46·4	52·7	+3·4	70	16	39	20	–	–	39	1·55	64	·53	23	9	7	0	0	0	0	0	–	–	7·33	119	54
	Tintagel	9 9 9	280																											
NORTHERN IRELAND																														
Londonderry	Castlerock ..	9 9 9	57	55·8	44·1	49·9	–	65	14	36	29	–	–	61	2·38	–	·55	25	18	12	0	0	1	0	0	0	4	–	–	–
	Garvagh .. ¶ (Moneydig)	7 7 7	121	56·2	41·9	49·1	+4·4	63	14	31	29	–	–	82	3·22	132	·88	25	20	13	1	0	6	2	0	7	–	–	–	–
Antrim	Aldergrove ¶§	18-7 7	294	55·4	43·0	49·2	+4·4	61	14	33	6	–	–	65	2·56	121	·70	12	20	12	2	0	1	1	0	1	0	4·23	83	30
Down	Ballyhalbert ††	9 9 9	34	55·9	43·7	49·8	–	62	11	36	6	–	–	35	1·37	–	·29	24	16	11	0	0	2	0	0	1	5	4·01	–	29
	Hillsborough §	9 9 9	388	54·4	42·3	48·3	–	60	14	34	6	48·1	–	49	1·95	–	·28	24	19	15	1	0	2	0	0	2	1	4·01	80	29
Armagh	Armagh .. ¶§	2121 9	205	57·2	42·9	50·1	+4·8	63	2	35	6	50·3	47·7	56	2·21	105	·45	25	20	11	0	0	0	0	0	0	1	3·99	80	29
Scilly	St. Mary's	18-7 7	163																											
GIBRALTAR		18-7 7	400	55·6	57·3	61·5	+0·5	73	2,8	54	13	–	–	44	1·72	–	·70	15	8	5	0	0	0	1	0	0	0	7·92	–	61
MALTA		18-7 7	231	65·6	55·4	60·5	+0·2	82	30	45	9	–	–	7	·28	36	·23	8	4	1	0	0	2	1	0	–	1	9·12	106	70

¶§, 8 *See* Notes on Tables in Annual Summary. †† Sunshine recorder is at Mount Stewart. * Seale-Hayne College.

TABLE III (*a*)—SKY OBSERVATIONS, APRIL, 1943

WEATHER DIARY ROYAL OBSERVATORY, GREENWICH	Number	NIGHT SKY RECORDER**	GREENWICH	PORTON
Persistently overcast days	2	Recorder in operation on	28 nights	26 nights
,, cloudless ,,	0	Average exposure (hours)	7·8	7·3
,, foggy ,,	0	Polaris unobscured (per cent.)	54	59
		δ Ursæ Minoris (ditto)	51	53

** *See* Meteorological Magazine, May, 1920, p. 70.

TABLE III (*b*)—SOLAR RADIATION

DIRECT SOLAR RADIATION KEW OBSERVATORY

	Cal./cm.²/diem.
Max. (on 18th)	652
Mean	215·8

TABLE IV—Summary of Observations at fixed hours APRIL, 1943

DISTRICT, COUNTY AND PLACE	Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE: At Mean Sea Level	MEAN PRESSURE: Difference from Average	TEMPERATURE AND HUMIDITY: Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	CLOUD AMOUNT: Mean Amount	CLOUD AMOUNT: No. of Observations 0	1 to 3	4 to 6	7 to 9	10	VISIBILITY: Number of Observations — Fog 0	1	2	3	Mist 4	Poor Vis. 5	Mod. Vis. 6	Good Visibility 7	8	9	WIND, NUMBER OF OBSERVATIONS — FORCE (0-12): 8 or more	6 to 7	4 to 5	1 to 3	Calm	DIRECTION: N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
	G.M.T.	ft	mb	mb	°F	°F	mb	%																													
0 SCOTLAND, N.																																					
Shetlands — Sumburgh (Links)	1	23	1005·7	–	43·6	1·2	8·6	90	8·3	0	3	4	9	14	0	0	1	1	0	0	6	7	15	0	4	10	12	4	0	2	0	0	2	4	5	9	8
	7	23	1005·9	+3·9	43·7	1·2	8·7	90	9·0	0	1	1	14	14	0	0	0	0	0	1	5	9	13	2	3	11	9	7	0	2	2	1	1	3	5	11	5
	13	23	1006·5	–	45·9	1·5	9·3	88	8·8	0	0	3	14	13	0	0	0	0	0	2	4	15	2	2	5	11	10	4	0	1	0	2	1	4	6	11	5
	18	23	1006·6	–	45·2	1·5	9·0	88	8·1	0	4	2	12	12	0	0	0	0	1	1	4	6	14	4	2	11	13	4	0	1	0	1	1	4	7	9	7
	1	27	1010·5	–	46·1	1·5	9·4	88	7·4	0	2	6	11	11	0	0	0	0	0	0	10	7	12	1	2	7	14	7	0	1	0	1	1	3	11	8	5
Hebrides — Benbecula	7	27	1010·7	–	46·6	1·9	9·3	85	8·2	0	2	3	14	11	0	0	0	0	1	3	4	5	15	2	2	11	9	8	0	2	0	0	1	3	12	6	6
	13	27	1011·6	–	48·7	3·1	9·1	77	7·5	0	4	7	9	10	0	0	0	0	2	1	2	5	13	6	4	11	11	4	0	1	0	0	1	3	10	9	6
	18	27	1011·2	–	47·7	2·5	9·2	82	7·8	0	4	4	8	14	0	0	1	0	0	1	2	5	12	5	2	6	16	6	3	1	0	0	1	4	10	11	3
	1	83	1009·3	–	44·6	0·7	9·6	94	7·9	0	5	3	8	14	0	0	0	0	0	0	2	22	5	0	1	8	13	5	3	0	0	0	1	5	8	8	5
	7	83	1009·2	+1·1	45·1	1·0	9·5	93	8·5	0	2	1	17	10	0	0	0	0	0	0	7	7	13	3	2	9	10	9	0	1	1	1	0	3	15	6	3
Stornoway	13	83	1010·1	–	49·1	2·1	10·2	85	8·6	0	0	3	19	8	0	0	0	0	0	2	4	7	15	4	3	17	8	1	1	0	0	0	2	2	10	10	5
	18	83	1010·3	–	47·5	1·7	9·8	86	8·4	0	1	4	12	13	0	0	0	0	0	1	4	7	12	6	3	10	12	5	0	1	0	0	1	5	8	11	4
	1	117	1008·4	–	43·3	1·9	8·1	84	7·4	1	2	7	10	10	0	0	0	0	0	1	5	5	19	1	0	5	10	15	0	1	0	0	1	4	12	7	5
	7	117	1008·5	+1·7	44·4	1·8	8·6	86	8·5	0	0	2	21	7	0	0	0	0	0	1	2	4	14	9	0	1	11	18	0	0	0	0	2	2	12	6	8
Caithness — Wick	13	117	1009·3	–	49·3	3·8	8·6	74	8·5	0	1	2	20	7	0	0	0	0	0	0	4	6	7	13	1	7	12	10	0	3	0	0	0	3	3	5	10	6
	18	117	1009·6	–	47·2	3·3	8·3	75	7·6	0	3	6	16	5	0	0	0	0	0	0	4	4	8	14	1	4	11	14	0	2	0	0	3	4	7	6	8
	1	371	1007·1	–	44·1	0·8	9·2	93	9·5	0	0	0	14	16	0	4	1	0	0	0	2	8	15	0	2	6	14	8	0	2	0	1	2	0	12	7	6
	7	371	1007·2	–	43·8	1·0	8·9	92	9·5	0	0	0	15	15	0	1	1	0	0	0	3	10	14	1	1	10	11	8	0	2	0	1	1	0	12	8	6
Sutherland — Cape Wrath	13	371	1008·5	–	45·7	1·9	8·9	85	9·3	0	0	0	20	10	0	3	0	0	0	0	1	7	15	4	0	8	17	5	0	3	0	2	1	0	13	5	6
	18	371	1008·5	–	44·9	1·3	9·1	89	9·3	0	0	1	15	14	0	3	0	0	0	0	4	5	12	6	1	6	16	7	0	2	0	1	1	0	13	7	6
	1	19	1010·5	–	45·1	2·3	8·3	82	6·9	0	7	4	10	9	0	0	0	0	0	0	4	5	20	1	0	3	7	17	3	1	0	0	0	1	5	13	7
	7	19	1010·7	–	45·3	2·6	8·1	80	8·4	0	0	4	17	9	0	0	0	0	0	0	2	5	16	7	1	1	9	17	2	1	0	0	0	0	8	12	7
Ross and Cromarty — * Invergordon	13	19	1011·5	–	51·1	5·0	8·3	64	8·2	0	2	3	17	8	0	0	0	0	0	0	2	3	17	8	0	5	14	11	0	1	0	0	2	1	8	12	6
	18	19	1011·6	–	49·5	4·7	8·0	67	7·4	0	2	7	17	4	0	0	0	0	0	0	2	1	16	11	0	2	12	15	1	0	0	1	0	1	8	15	4
	7	1180	969·0	–	41·6	2·1	7·3	82	8·1	0	3	3	14	10	0	0	0	0	1	0	1	5	12	12	0	0	1	7	22	0	1	1	0	0	3	12	10	3
Inverness — Dalwhinnie †	13	1180	969·8	–	47·1	3·8	7·9	72	8·6	0	1	2	17	10	0	0	0	0	0	1	5	9	15	0	0	0	10	20	0	1	0	0	0	3	13	9	4
	18	1180	969·8	–	44·8	3·4	7·3	73	8·6	0	1	1	23	5	0	0	0	0	0	0	3	10	17	0	0	0	8	22	0	1	0	0	1	3	11	11	3
1 SCOTLAND, E.	*																																				
	1	24	1009·5	–	44·7	1·9	8·7	85	7·1	0	5	6	9	10	0	0	0	0	0	1	3	5	16	5	0	1	14	15	0	0	0	0	2	2	14	8	4
Moray — Lossiemouth	7	24	1009·9	–	45·6	2·0	8·8	84	8·5	0	1	2	20	7	0	0	0	0	0	0	3	2	16	9	0	2	9	19	0	0	0	0	1	3	16	6	4
	13	24	1010·5	–	50·9	4·0	9·3	74	7·8	0	2	5	16	7	0	0	0	0	0	0	1	4	13	12	0	3	17	10	0	2	0	0	1	0	11	8	7
	18	24	1010·5	–	49·3	3·4	9·2	76	8·6	0	0	3	21	6	0	0	0	0	0	0	2	6	11	11	0	2	15	13	0	0	0	0	1	2	0	9	12	6
	7	85	1010·6	–0·7	46·4	3·0	8·3	78	7·3	0	7	0	18	5	0	0	0	0	3	0	3	2	21	1	0	0	6	21	3	0	0	0	0	0	12	5	10
	13	85	1011·1	–	52·4	5·3	8·7	66	7·8	0	2	5	15	8	0	0	0	0	0	1	3	4	20	2	0	3	10	17	0	3	0	0	2	4	6	7	8
Aberdeen — Aberdeen H	18	85	1011·2	–	50·0	4·4	8·5	69	7·6	0	4	4	15	7	0	0	0	0	0	4	1	4	20	1	0	0	11	19	0	2	1	0	2	3	5	8	9
	21	85	1011·8	–	47·3	3·3	8·4	75	6·4	0	10	1	11	8	0	0	0	0	0	1	5	2	20	1	0	0	11	18	1	3	0	0	0	6	6	7	7
	h.*	85	1010·9	–0·6	48·3	3·7	8·6	74																													
Braemar ‡	9	1108	1011·7	+0·1	45·8	3·8	7·4	70	7·2	0	5	7	5	13	0	0	0	0	0	2	25	3	0	0	1	3	8	17	1	1	0	0	0	0	15	4	9
Dyce	1	237	1010·2	–	43·8	1·4	8·6	89	7·1	2	5	4	6	13	0	0	0	0	0	2	1	9	8	10	0	3	9	14	4	1	0	0	0	1	4	6	9	5
	7	237	1010·6	–	44·9	1·8	8·7	86	7·4	0	5	3	16	6	0	0	0	1	0	1	1	12	12	0	3	9	15	3	0	0	0	0	2	0	9	10	6
	13	237	1010·9	–	52·4	4·4	9·5	71	8·5	0	1	0	22	7	0	0	0	0	0	0	5	3	6	16	0	6	14	9	1	2	0	0	2	4	4	7	10
	18	237	1011·2	–	49·3	3·1	9·2	77	7·5	0	4	4	18	4	0	0	0	0	0	0	5	3	9	13	0	6	11	12	1	2	0	0	0	3	4	4	7	9
	1	22	1011·2	–	45·4	2·2	8·6	82	6·6	1	6	6	9	8	0	0	0	0	0	1	2	8	8	11	0	2	5	20	3	0	0	0	0	2	11	10	4
Angus — Montrose (Airf'd)	7	22	1011·6	–	46·2	2·6	8·6	80	7·3	0	6	3	16	5	0	0	0	0	0	0	2	4	11	11	0	1	5	23	1	1	1	1	0	0	12	13	1
	13	22	1011·7	–	53·7	5·5	9·2	65	7·6	0	2	7	15	6	0	0	0	0	0	1	3	3	9	14	0	6	15	9	0	2	1	0	1	5	7	11	3
	18	22	1011·9	–	51·3	4·7	8·9	68	7·4	0	5	3	19	3	0	0	0	0	0	1	1	3	7	17	0	4	11	15	0	2	0	0	2	2	6	12	4
	1	33	1011·7	–	45·4	2·1	8·7	83	7·1	1	6	3	7	13	0	0	0	0	0	0	0	7	5	14	4	0	1	9	17	3	1	1	1	0	3	10	10	1
	7	33	1012·2	–	46·5	2·6	8·8	80	7·2	0	5	5	15	5	0	0	0	0	0	0	2	4	15	9	0	1	9	17	3	0	0	0	0	2	15	10	0
Perth — Errol	13	33	1012·2	–	54·5	6·2	8·9	62	7·7	0	2	7	16	5	0	0	0	0	0	0	3	4	14	9	0	5	16	9	0	2	1	0	1	1	15	6	4
	18	33	1012·4	–	52·2	5·5	8·8	65	7·1	0	4	5	19	2	0	0	0	0	0	0	1	4	13	12	0	1	13	16	0	1	0	2	1	1	10	12	3
	1	36	1011·4	–	45·9	1·8	9·1	85	6·5	2	4	7	8	9	0	0	0	0	0	0	0	7	4	16	2	1	3	8	15	3	0	0	0	2	2	11	9	3
Fife — Leuchars H	7	36	1012·0	+0·4	46·4	1·9	9·2	85	8·0	0	2	5	17	6	0	0	0	0	0	0	4	6	13	3	1	3	6	17	3	2	0	0	0	0	11	11	3
	13	36	1012·3	–	54·4	5·3	9·7	67	8·2	0	1	6	18	5	0	0	0	0	0	0	4	7	15	4	2	5	15	8	0	1	0	2	2	1	8	12	4
	18	36	1012·3	–	52·4	4·2	9·8	72	7·6	0	1	9	14	6	0	0	0	0	0	1	4	6	13	6	0	3	17	10	0	0	0	2	2	2	7	12	5
Mid Lothian — Edinburgh (Blackford Hill)	9	441	1013·2	–	48·6	3·9	8·3	71	7·2	0	3	9	10	8	0	0	1	0	1	1	13	0	14	0	0	4	10	16	0	1	0	0	3	2	12	10	5
	21	441	1013·7	–	46·6	3·3	8·1	75	7·2	1	4	6	6	13	–	–	–	–	–	–	–	–	–	–	0	4	13	12	1	0	0	0	3	2	8	14	2
	1	312	1011·4	–	46·1	1·0	9·7	92	6·1	0	10	5	12	3	0	0	0	0	0	0	2	0	30	0	0	0	6	14	9	1	1	0	0	2	2	10	13	1
Berwick — St. Abb's Head	7	312	1012·1	–	46·1	1·4	9·4	89	7·0	0	5	5	18	2	0	0	0	0	0	2	1	27	0	0	1	1	18	9	1	0	0	0	1	2	8	13	5
	13	312	1012·5	–	51·1	2·7	10·3	81	7·7	1	1	3	21	4	0	0	0	0	0	2	1	25	3	0	3	2	15	10	0	2	0	1	2	0	5	14	6
	18	312	1012·3	–	49·6	2·3	10·1	83	7·6	0	1	3	26	0	0	0	0	0	0	1	1	23	5	0	1	5	15	9	0	2	0	0	4	1	6	13	4
6a SCOTLAND, W.																																					
Argyll — Tiree	1	27	1012·7	–	46·5	1·3	9·8	90	8·1	0	4	2	9	15	0	0	0	1	0	2	2	12	12	1	3	6	9	10	2	1	1	0	1	1	8	11	5
	7	27	1013·1	+2·3	46·9	1·6	9·7	88	7·9	0	3	5	12	10	0	0	0	0	0	2	5	10	11	4	2	4	11	13	0	1	0	0	1	3	9	9	7
	13	27	1013·9	–	49·7	2·6	10·0	82	7·7	0	4	5	10	11	0	0	0	0	1	0	1	3	6	14	5	0	6	7	17	0	2	0	0	1	3	9	10	5
	18	27	1013·7	–	47·9	2·1	9·7	85	8·4	0	3	3	8	16	0	0	0	0	1	0	5	6	11	7	1	3	14	12	0	1	0	0	2	2	9	10	6
Bute — Rothesay	9	187	1014·7	+2·6	48·4	2·2	9·7	83	7·7	0	1	6	19	4	0	0	0	0	0	1	0	8	4	17	0	4	2	4	20	0	1	0	1	0	3	3	10	12
	21	187	1015·1	–	46·5	1·6	9·4	87	7·5	0	3	4	15	8	0	0	0	0	0	0	0	8	14	8	0	2	1	4	23	0	2	0	0	0	3	4	7	14
Renfrew — Renfrew (Abbotsinch)	1	24	1013·1	–	46·3	1·6	9·5	87	7·8	1	4	3	9	13	0	0	0	0	0	2	3	11	12	2	0	0	2	7	19	2	0	0	2	0	1	12	13	0
	7	24	1014·6	+2·5	46·3	1·7	9·3	86	8·2	0	3	2	17	8	0	0	0	0	1	3	6	9	11	0	0	2	6	20	2	0	0	1	0	2	13	11	1
	13	24	1014·1	–	52·9	3·8	10·3	75	8·4	0	1	2	19	8	0	0	0	0	0	2	6	6	10	8	0	6	12	12	0	0	0	0	1	4	6	15	5
	18	24	1014·0	–	50·9	3·6	9·6	75	7·9	0	3	4	14	9	0	0	0	0	0	1	5	5	16	5	0	0	15	15	0	1	0	0	1	4	7	12	5
	7	778	1014·5	+2·1	43·3	1·8	8·2	86	7·7	0	4	2	15	9	0	1	0	0	2	0	0	2	16	0	1	4	8	14	3	0	1	1	0	6	7	8	4
Dumfries — Eskdalemuir ‡‡H	13	778	1014·4	–	50·2	4·3	8·7	71	7·9	1	1	4	14	10	0	1	0	0	0	0	4	0	20	0	2	7	12	9	0	1	0	0	0	7	10	7	5
	18	778	1014·6	–	46·9	3·1	8·3	76	7·8	0	2	5	14	9	0	1	0	1	0	0	4	5	19	0	0	3	15	10	2	1	0	0	1	5	7	9	5
	21	778	1015·1	–	43·3	1·7	8·1	85	7·6	0	6	2	9	13	0	0	0	1	1	4	5	2	17	0	0	3	9	14	4	2	1	0	0	5	6	10	2
	h.*	778	1014·5	+2·1	45·5	2·5	8·3	80																													
6b ISLE OF MAN																																					
Isle of Man — Douglas H	9	286	1017·2	+4·3	48·9	2·8	9·4	79	6·3	0	3	11	15	1	0	0	0	1	0	0	4	1	2	0	2	9	18	1	0	2	0	0	2	1	6	10	9
Point of Ayre	1	31	1015·8	–	47·3	1·5	9·9	89	5·9	3	7	4	10	6	0	0	0	1	0	0	2	6	21	0	1	8	11	10	0	2	1	0	1	2	2	14	9
	7	31	1016·3	–	47·6	1·5	9·9	88	7·7	0	4	2	18	6	0	0	0	1	0	0	1	4	24	0	2	2	18	8	0	2	1	0	0	2	2	11	12
	13	31	1016·8	–	53·9	4·0	10·5	74	7·3	0	0	3	11	10	0	0	0	0	0	0	4	4	22	0	2	6	17	5	0	3	0	0	1	2	2	13	9
	18	31	1016·4	–	51·3	3·1	10·1	78	6·8	0	7	4	12	7	0	0	0	0	0	1	0	5	24	0	0	8	14	8	0	3	0	1	0	3	4	10	9

* Mean of hourly readings. † Pressure at Station Level. ‡ Mean pressure at Station Level is 970·5 mb.
‡‡ Mean pressures at Station Level are 985·6 mb. at 7 h., 986·0 mb. at 13 h. 985·9 mb. at 18 h., and 986·3 mb. at 21 h.
* Station transferred to Aîness on March 24th, 1943.

TABLE IV (*continued*)—Summary of Observations at fixed hours APRIL, 1943

DISTRICT, COUNTY AND PLACE	Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE: At Mean Sea Level	MEAN PRESSURE: Difference from Average	TEMPERATURE AND HUMIDITY: Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	CLOUD AMOUNT: Mean Amount	CLOUD AMOUNT: No. of Observations 0	1 to 3	4 to 6	7 to 9	10
	G.M.T.	ft	mb	mb	°F	°F	mb	%						
2 ENGLAND, N.E.														
Northumberland — Cockle Park	9	331	–	–	51·3	4·1	9·3	72	7·2	1	2	4	19	4
	21	331	–	–	46·7	3·1	8·3	76	6·1	1	7	6	14	2
Ouston	1	435	1014·5	–	44·5	1·5	8·9	88	5·4	3	9	6	2	10
	7	435	1014·7	–	45·1	1·9	8·8	85	6·8	0	8	3	16	3
	13	435	1014·9	–	52·6	4·7	9·4	69	7·9	1	1	5	18	5
	18	435	1015·0	–	50·0	3·6	9·3	75	7·4	0	3	8	16	3
Tynemouth	1	122	1014·4	–	47·4	3·0	8·1	73	5·7	5	4	6	12	3
	7	122	1014·9	+2·8	46·9	2·9	8·5	78	6·3	1	4	10	14	1
	13	122	1015·2	–	53·2	5·9	8·5	61	7·4	0	0	9	20	1
	18	122	1015·1	–	52·3	5·0	8·9	67	6·4	0	4	12	14	0
Durham — Durham	9	352	1014·4	+1·9	50·3	3·3	9·5	76	7·0	0	1	13	10	6
	21	352	1014·9	–	46·9	2·1	9·2	84	6·3	3	5	6	7	9
Yorks., N. Riding — *Catterick H	1	181	1015·5	–	45·5	1·7	9·1	87	6·1	5	4	4	9	8
	7	181	1015·8	–	45·9	1·7	9·2	87	7·0	1	4	5	16	4
	13	181	1015·9	–	55·4	5·5	9·9	66	7·9	0	2	5	18	5
	18	181	1015·8	–	52·2	3·8	10·0	74	7·7	0	2	6	19	3
Linton-on-Ouse	1	47	1015·9	–	46·0	2·1	9·0	84	6·2	7	3	1	8	11
	7	47	1016·8	–	46·2	2·2	9·1	84	7·0	2	4	3	15	6
	13	47	1016·4	–	57·5	7·2	9·4	58	7·8	0	2	5	16	7
	18	47	1016·1	–	53·8	5·0	9·7	68	7·9	0	2	5	14	9
Scarborough	9	96	1015·2	+2·7	54·0	5·1	9·6	67	5·0	1	11	7	8	3
Thornaby	1	60	1014·4	–	46·3	2·9	8·5	78	6·3	6	1	5	12	6
	7	60	1014·9	–	46·5	2·7	8·6	79	7·2	2	2	5	14	7
	13	60	1015·0	–	56·0	7·0	8·7	56	8·1	0	2	3	20	5
	18	60	1014·9	–	52·9	5·5	8·8	64	8·0	0	3	3	20	4
York	9	53	1017·0	+4·0	52·6	4·9	9·1	67	6·1	2	5	8	10	5
	1	70	1015·9	–	45·5	2·0	8·8	84	5·4	8	3	5	5	9
Yorks., E. Riding — Driffield	7	70	1016·0	–	46·3	2·2	9·0	83	6·8	2	4	6	11	7
	13	70	1016·2	–	57·1	7·3	9·2	57	7·7	0	2	6	16	6
	18	70	1015·9	–	53·8	5·4	9·3	65	7·9	2	1	1	21	5
Spurn Head	1	57	1016·5	–	47·5	2·6	9·0	80	4·9	9	4	6	3	8
	7	57	1016·6	+4·3	47·4	2·4	9·1	81	6·5	3	5	3	12	7
	13	57	1016·9	–	54·3	5·9	9·0	62	7·4	2	0	5	19	4
	18	57	1016·4	–	52·9	4·9	9·2	67	7·1	2	2	6	16	4
Lincoln — Cranwell H	1	208	1017·2	–	46·4	2·0	9·1	84	5·5	8	5	2	6	9
	7	208	1017·5	–	46·8	1·8	9·4	86	6·5	1	9	2	8	10
	13	208	1017·4	–	58·1	7·4	9·5	57	7·3	2	2	4	17	5
	18	208	1017·1	–	55·0	5·7	9·6	65	6·8	2	4	5	13	6
3 ENGLAND, E.														
Norfolk — Cromer H	9	74	1018·0	–	50·7	3·0	10·1	79	6·0	4	0	13	7	6
	1	26	1017·5	–	48·4	3·4	8·7	75	4·6	10	3	5	6	6
Yarmouth	7	26	1017·7	+5·0	47·4	2·4	9·1	81	6·7	3	3	3	17	4
	13	26	1017·5	–	54·1	6·0	8·8	62	6·9	0	5	7	11	7
	18	26	1017·4	–	54·5	5·8	9·1	63	7·1	1	3	7	12	7
Suffolk — Felixstowe Airfield	7	16	1019·0	–	48·0	2·1	9·6	84	6·5	5	3	2	12	8
	13	16	1019·2	–	56·8	5·6	10·7	66	7·7	0	4	2	19	5
	18	16	1018·3	–	54·0	4·5	10·1	71	6·9	0	6	5	12	7
Stradishall	1	405	1018·7	–	46·5	2·0	9·2	84	4·7	11	3	3	3	10
	7	405	1018·9	–	47·0	1·7	9·6	86	7·0	5	3	2	7	13
	13	405	1018·7	–	56·9	6·0	10·2	66	7·6	0	3	5	16	6
	18	405	1018·1	–	55·6	5·5	10·0	67	7·1	1	4	5	14	6
Mildenhall H	1	40	1018·1	–	46·9	2·4	9·1	81	4·0	11	6	3	6	4
	7	40	1018·5	–	47·6	2·2	9·5	83	6·4	4	6	1	11	8
	13	40	1018·3	–	58·8	7·7	9·5	56	7·8	0	4	3	16	7
	18	40	1017·7	–	57·1	7·2	9·2	59	7·3	1	4	7	8	10
Cambridge — Cambridge H	9	43	1020·0	+6·7	53·7	4·8	9·8	69	6·6	3	6	3	7	11
	21	43	1018·4	–	50·8	3·8	9·5	75	3·9	15	2	2	3	8
Bedford — Dunstable H	1	519	1019·1	–	45·8	1·9	9·0	85	5·0	9	6	1	3	11
	7	519	1019·3	–	46·4	1·7	9·4	86	6·8	3	3	5	10	9
	13	519	1019·0	–	56·6	6·4	9·7	63	7·9	0	3	2	14	11
	18	519	1018·5	–	54·5	5·5	9·4	65	6·6	1	4	8	13	4
Hertford — Rothamsted	9	396	1019·1	+5·8	52·6	4·5	9·4	69	5·9	0	11	3	10	6
Essex — Shoeburyness H	7	12	1019·8	–	49·1	2·7	9·7	81	6·4	5	2	5	8	10
	13	12	1019·5	–	58·9	6·9	10·3	61	6·9	1	3	7	13	6
	18	12	1019·1	–	55·6	5·4	10·1	67	6·9	1	6	3	12	8
4 MIDLAND COUNTIES														
Yorks., W.R. — Finningley	1	55	1016·7	–	46·8	1·8	9·5	86	5·4	10	2	3	7	8
	7	55	1016·9	–	46·5	1·6	9·5	87	6·6	5	2	4	11	8
	13	55	1017·0	–	58·2	6·7	10·3	62	7·9	2	0	5	16	7
	18	55	1016·6	–	55·4	5·0	10·4	69	7·4	1	2	7	14	6
Harrogate	9	478	1016·7	+3·8	50·9	4·5	8·8	69	7·0	1	4	4	14	7
Nottingham — Nottingham	9	215	1017·7	+4·5	50·8	3·8	9·3	74	6·8	2	4	7	7	10
Warwick — Birmingham H	7	542	1019·1	+5·6	46·7	2·0	9·3	84	7·2	3	3	2	12	10
	13	542	1018·7	–	56·2	7·1	8·8	57	6·8	1	6	3	12	8
	18	542	1018·2	–	55·0	6·4	8·9	61	6·5	2	6	4	13	5
Honiley	1	431	1019·2	–	46·3	1·6	9·4	87	5·3	6	8	1	4	11
	7	431	1019·5	–	46·6	1·6	9·6	87	7·3	2	3	4	11	10
	13	431	1019·1	–	57·1	6·7	9·7	60	7·8	0	4	2	18	6
	18	431	1018·6	–	55·2	5·7	9·6	65	7·2	2	3	4	18	3

DISTRICT, COUNTY AND PLACE	VISIBILITY: Number of Observations — Fog 0	Fog 1	Fog 2	Fog 3	Mist 4	Poor Vis. 5	Mod. Vis. 6	Good Visibility 7	Good Visibility 8	Good Visibility 9	WIND, NUMBER OF OBSERVATIONS: Force (0-12) 8 or more	6 to 7	4 to 5	1 to 3	Calm	Direction N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
2 ENGLAND, N.E.																							
Northumberland — Cockle Park	0	0	0	0	0	1/2	5	0/0	24	0/3	0	1	7	22	0	1	0	0	2	1	2	17	7
	0	0	0	0	0	1	4	8	17	0/4	0	4	9	16	1	2	0	0	1	1	9	14	2
Ouston	0	0	0	1	1	1	4/4	2	17	4/4	1	3	10	15	1	0	0	1	1	1	10	15	1
	0	0	0	0	0	1	4/5	2	19	4/5	1	9	11	9	0	2	0	0	1	1	2	8	13
	0	0	0	0	0	0	5	0	22	5/5	0	6	13	10	1	3	0	0	2	1	2	8	13
Tynemouth	0	0	0	0	0	0	10	20	0	0/0	0	8	7	15	0	2	0	0	0	2	2	4	17
	0	0	0	2	3	5	4	16	0	0/0	1	3	7	19	0	0	0	0	2	2	10	14	4
	0	0	0	0	1	0	8	21	0	0/0	3	5	12	10	0	3	0	0	1	2	0	6	15
	0	0	0	0	1	0	6	22	1	0/0	2	7	12	9	0	3	0	0	0	3	1	5	15
Durham — Durham	0	0	0	0	0	4	5	15	6	0/0	0	2	5	22	1	1	4	8	11	5	3	3	3
	0	0	0	0	0	0	9	18	3	0/0	0	1	7	17	5	1	0	0	1	1	2	9	9
Yorks., N. Riding — *Catterick H	0	0	0	0	3	2	5	7	13	0/0	1	3	6	15	5	1	0	1	0	3	8	10	2
	0	0	1	1	1	1	0	9	17	0/0	0	2	6	17	5	0	0	0	0	7	5	4	9
	0	0	0	0	0	1	4/4	3	20	2/0	1	3	9	17	0	3	1	0	2	1	7	9	7
	0	0	0	0	0	0	5/5	4	21	0/0	0	3	12	13	2	2	1	0	0	1	2	8	10
	0	0	0	0	0	0	5/5	4	21	0/0	0	3	12	13	2	2	1	0	0	1	2	8	10
Linton-on-Ouse	0	0	0	0	0	3	11	6	10	0/0	0	1	2	21	5	1	0	0	0	1	3	5	13
	0	0	1	1	1	5	5	3	12	2/0	0	1	2	26	1	1	0	0	0	1	5	7	9
	0	0	0	0	2	1	5	3	12	7/3	0	5	9	14	2	2	0	0	0	1	2	6	13
	0	0	0	0	0	1	5	5	16	3/0	0	4	8	17	1	3	1	0	2	2	2	16	4
Scarborough	0	0	0	0	0	1	16	13	0/0	3/0	0	4	8	17	1	1	1	0	3	0	9	12	5
Thornaby	0	0	0/0	0	2/1	3	7	8	10	0/0	0	4	5	18	3	1	0	0	0	4	14	6	2
	0	0	0/0	1	1/2	1	3	5	17	0/0	1	1	4	23	1	0	0	0	1	4	12	11	2
	0	0	0/0	0	2/2	0	3	4	18	2/0	0	5	13	12	0	1	1	0	0	1	2	10	13
	0	0	0	0	1/1	1	5	5	14	4/0	0	1	5	13	2	0	1	1	0	2	1	11	10
York	–	–	–	–	–	–	–	–	–	–	2	1	5	22	0	0	2	0	0	2	2	9	9
	0	0	0	0	1	5	11	11	2/6	0/1	0	2	6	20	2	2	0	0	0	1	2	7	14
Yorks., E. Riding — Driffield	0	0	0	2	2	4	7	8/8	6/6	0/1	0	2	8	16	4	1	0	0	0	1	2	8	8
	0	0	0	0	0	3	8	4/4	15/15	0/0	1	6	13	10	0	1	0	0	1	1	2	7	13
	0	0	0	0	0	0	10	9/9	11/11	0/0	3	0	6	8	16	0	3	0	0	1	2	1	7	10
Spurn Head	0	0/0	0	0	0	2/2	11	17/17	0/0	0/0	1	0	0	0	0	0	3	3	13	11	0	1	0	0
	0	0/0	0	0	2	2/2	9	17/17	0/0	0/0	2	2	4	13	11	0	0	1	2	2	4	7	10
	0	0/0	0	0	2	0/0	8	21/21	0/0	0/0	0	1	2	5	16	7	0	0	1	2	2	6	8
	0	0/0	0	0	1	0/0	12/12	18/18	0/0	0/0	2	2	6	10	12	0	0	1	1	2	2	8	8
Lincoln — Cranwell H	0	0/0	0	0	0	4	18/18	7/7	1/1	0/0	1	2	2	15	13	0	1	0	0	1	1	2	8
	0	0	0	0	0	4	16/16	9/9	0/0	0/0	1	0	3	15	11	1	0	0	0	1	1	2	3
	0	0	0	0	1	1	11/11	13/13	4/4	0/0	2	0	0	1	0	2	2	0	0	1	1	2	8
	0	0	0	0	0	0	10/10	15/15	5/5	0/0	2	0	1	1	2	8	10	6	0	0	0	0	0
3 ENGLAND, E.																							
Norfolk — Cromer H	0	0	0	0	0	1	29	0	0	0/0	0	4	8	18	0	1	1	1	0	5	6	11	5
	0	0	0	0	0	2	11/11	17/17	0/0	0/0	0	3	5	21	1	2	0	0	1	6	5	9	6
Yarmouth	0	0	0	0	0/1	1	11/11	18/18	0/0	0/0	0	0	11	19	0	1	0	0	2	2	8	10	7
	0	0	0	0	1/0	4/4	25/25	0/0	0/0	0/0	1	2	18	9	0	8	0	0	1	4	5	3	5
	0	0	0	0	1/0	1	8/8	21/21	0/0	0/0	0	2	12	15	1	4	0	0	1	3	9	4	6
Suffolk — Felixstowe Airfield	0	1	0	0	3	3	15/15	6/6	2/2	0/0	1	2	11	14	2	0	0	0	2	3	6	10	7
	0	0	0	1	2	2	9/9	13/13	5/5	0/0	1	2	15	12	0	2	0	0	1	4	8	2	8
	0	0	0	0	1	1	11/11	10/10	8/8	0/0	0	3	15	12	0	1	3	1	3	6	6	6	4
Stradishall	0	0	0	0	3/3	3	17/17	7/7	0/0	0/0	0	2	7	21	0	1	0	0	2	7	6	11	3
	0	1	0	0	5/5	5	10/10	9/9	0/0	0/0	0	1	6	23	0	1	0	0	1	5	8	13	2
	0	0	0	0	1/1	2	7/7	13/13	0/0	0/0	1	1	11	17	0	2	0	0	1	4	7	9	7
	0	0	0	0	1/1	1	9/9	13/13	6/6	0/0	0	2	11	17	0	1	0	0	2	2	8	13	3
Mildenhall H	0	0	0	0	1	2	8/8	11/11	8/8	0/0	0	3	5	22	0	0	0	0	2	7	10	7	4
	0	0	0	0	1	4	10/10	8/8	7/7	0/0	0	2	9	19	0	0	0	0	2	3	13	8	4
	0	0	0	0	1	0	7/7	4/4	18/18	0/0	0	7	10	13	0	2	0	0	1	3	9	9	6
	0	0	0	0	1	1	4/4	6/6	19/19	0/0	0	3	14	13	0	2	0	0	2	0	1	2	5
Cambridge — Cambridge H	–	–	–	–	–	–	–	–	–	–	0	3	4	20	3	0	0	0	1	4	7	6	9
	–	–	–	–	–	–	–	–	–	–	0	0	1	26	3	0	0	0	2	4	11	4	6
Bedford — Dunstable H	0	2	0	0	0	2	20	8	0	0/0	0	2	5	19	4	0	0	0	1	7	10	7	1
	0	0	0	0	0	5	13	7	5	0/0	0	3	8	18	1	1	0	0	1	1	2	15	7
	0	0	0	0	0	1	8	7	14	0/0	1	4	16	9	0	2	0	0	1	0	3	6	11
	0	0	0	0	0	1	8	9	12	0/0	0	2	13	11	4	1	0	0	1	0	1	9	9
Hertford — Rothamsted	0	0	0	0	0	5/5	25/25	0/0	0/0	0/0	0	0	7	23	0	1	0	0	1	1	3	6	11
Essex — Shoeburyness H	0	0	0	0	3	3	13	9	2	0	0	0	8	22	0	0	0	0	1	1	3	8	9
	0	0	0	0	0	2	16	7	5	0	0	1	11	18	0	1	0	0	1	2	7	6	9
	0	0	0	0	0	0	3	12	6	9	0	0	1	9	20	0	1	0	0	1	3	6	6
4 MIDLAND COUNTIES																							
Yorks., W.R. — Finningley	0	0	0	0	3	6	18	3	0	0	0	0	8	20	2	1	0	0	1	5	4	14	3
	0	1	2	0	6	6	12	2	1	0	0	1	7	19	3	0	1	0	1	2	7	5	8
	0	0	0	0	0	0	17	12	1	0	0	4	15	11	0	1	1	0	1	3	8	9	7
	0	0	0	0	0	1	16	11	2	0	0	2	13	14	1	1	1	1	1	2	5	12	6
Harrogate	0	0	1/1	0	2	4	2	3/3	11	7/7	1	2	8	18	1	1	0	1	1	2	5	16	4
Nottingham — Nottingham	0	1	1	0	5	8	14	1	0	0/0	0	3	4	23	0	1	1	0	1	2	3	19	3
Warwick — Birmingham H	0	0	0	2	8	6	5	2	7	0/0	0	0	7	22	1	1	0	0	1	3	3	10	7
	0	0	0	0	0	1	2	6	21/21	0/0	0	1	15	14	0	0	0	0	0	1	1	11	8
	0	0	0	0	0	0	4	6	20/20	0/0	0	0	13	17	0	2	0	0	0	1	5	8	5
Honiley	0	0	0	1	2/2	1	11/11	9/9	5/5	1/1	0	0	3	2	23	2	0	0	0	2	6	10	8
	0	0	0	0	4/4	8	9/9	5	4/4	0/0	0	3	5	20	2	1	0	0	1	2	1	10	9
	0	0	0	0	0/0	0	5/5	12	11/11	2/1	1	2	14	13	0	2	0	1	1	0	4	9	8
	0	0	0	0	0/0	0	6/6	11	12/12	1/1	0	4	11	14	1	2	1	1	0	2	11	4	8

* At Scorton from March 9th.

TABLE IV (*continued*)—Summary of Observations at fixed hours APRIL, 1943

DISTRICT, COUNTY AND PLACE		Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE		TEMPERATURE AND HUMIDITY				CLOUD AMOUNT						VISIBILITY										WIND, NUMBER OF OBSERVATIONS									
											NO. OF OBSERVATIONS					NUMBER OF OBSERVATIONS										FORCE (0-12)					DIRECTION							
																FOG				MIST	POOR VIS.	MOD. VIS.	GOOD VISIBILITY													
				At Mean Sea Level	Difference from Average	Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	Mean Amount	0	1 to 3	4 to 6	7 to 9	10	0	1	2	3	4	5	6	7	8	9	8 or more	6 to 7	4 to 5	1 to 3	Calm	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
		G.M.T.	ft	mb	mb	°F	°F	mb	%																										
4 MIDLAND COUNTIES—*cont.*																																			
Oxford	Oxford	9	212	1020·0	+6·0	53·1	4·8	9·4	69	5·8	4	6	6	3	11	0	0	0	0	0	3	15	8	4	0	0	3	9	16	2	1	0	0	1	6	5	12	3
		1	243	1019·1	–	46·5	1·9	9·4	86	5·6	6	6	2	8	8	0	0	0	1	0	2	11	9	7	0	0	1	4	25	0	2	1	1	1	3	8	9	5
	Upper Heyford ..	7	243	1019·4	–	46·3	1·7	9·4	88	6·8	1	7	3	10	9	0	0	0	0	0	4	14	4	8	0	0	1	5	24	0	0	1	1	0	3	12	7	6
		13	243	1019·0	–	57·4	6·8	9·5	59	7·5	0	4	6	11	9	0	0	0	0	0	0	8	9	12	1	1	1	8	20	0	2	0	1	0	0	11	9	7
		18	243	1018·5	–	55·5	6·1	9·5	64	7·3	1	5	0	21	3	0	0	0	0	0	0	4	12	13	1	0	2	9	18	1	3	0	1	0	1	11	5	9
Shropshire	Shrewsbury H	9	186	1018·7	–	52·0	3·8	9·8	74	7·5	2	3	4	6	15	0	0	0	1	0	1	3	7	18	0	0	2	3	13	10	2	1	0	0	1	4	4	11	7
		1	295	1018·8	–	46·2	2·2	9·0	83	6·5	8	1	2	6	13	0	0	0	1	2	1	10	13	3	0	0	1	5	21	3	3	0	0	2	4	5	7	6
	Tern Hill	7	295	1019·2	–	46·0	2·0	8·9	85	7·5	4	1	1	14	10	1	2	1	1	0	2	8	3	11	1	0	0	5	24	1	3	0	1	2	2	7	8	6
		13	295	1018·9	–	56·2	6·9	9·1	59	7·9	1	2	2	18	7	0	0	0	0	0	0	3	8	5	14	1	2	8	19	0	2	0	0	1	1	6	11	9
		18	295	1018·9	–	54·4	5·9	9·1	63	6·7	1	5	5	10	9	0	0	0	0	0	1	3	7	10	9	0	2	5	23	0	5	0	0	1	1	4	10	9
		7	226	1019·7	+6·1	47·1	2·4	9·1	81	5·8	3	7	5	9	6	0	1	0	0	0	3	7	5	14	0	0	3	1	24	2	1	0	1	0	1	3	8	14	1
Hereford	Ross-on-Wye H	13	226	1019·3	–	58·0	7·4	9·4	57	6·4	0	9	4	10	7	0	0	0	0	0	3	5	20	2	0	1	3	9	17	0	1	1	1	0	1	11	11	4
		18	226	1018·8	–	55·8	6·3	9·4	62	6·3	1	7	4	14	4	0	0	0	0	0	0	0	6	21	3	0	1	12	17	0	0	0	1	2	2	11	8	6
Gloucester	Cheltenham H	9	230	1020·1	+6·5	53·3	4·2	9·9	73	7·2	1	4	5	10	10	0	0	0	0	0	0	1	7	21	1	0	0	0	3	27	0	3	0	0	1	1	4	14	7
		21	230	1020·5	–	52·2	2·4	11·2	84	5·9	0	11	5	7	7	0	0	0	0	0	0	4	25	1	0	0	0	1	29	0	2	0	0	1	2	2	11	12
5 ENGLAND, S.E.																																			
		9	152	1019·8	+6·0	53·9	5·2	9·5	67	7·0	4	1	5	9	11	0	0	0	0	1	8	18	3	0	0	0	3	8	15	4	2	0	1	0	3	8	7	5
London	Greenwich .. H	15	152	1018·9	–	59·5	8·6	9·1	54	7·4	0	4	7	9	10	–	–	–	–	–	–	–	–	–	–	0	4	11	14	1	3	0	1	0	2	10	5	8
		21	152	1019·6	–	51·9	4·3	9·4	71	5·6	11	2	0	5	12	–	–	–	–	–	–	–	–	–	–	0	2	9	19	0	2	0	1	1	7	8	7	4
		h.*	152	1019·4	+6·0	53·0																													
		7	34	1020·1	+6·4	49·0	3·0	9·3	78	6·3	5	4	3	8	10	0	0	0	1	1	10	10	7	1	0	0	0	5	21	4	1	1	1	1	2	11	5	4
		13	34	1019·6	–	57·7	7·6	8·9	57	8·2	0	2	2	16	10	0	0	0	0	0	1	9	5	15	0	0	0	1	8	21	0	3	1	0	1	2	7	11	5
	Kew Obs'y. H	18	34	1019·1	–	57·1	7·2	9·0	58	7·4	1	2	6	15	6	0	0	0	0	0	1	12	2	15	0	0	0	0	9	21	0	4	1	1	0	2	10	6	6
		21	34	1019·9	–	52·3	4·4	9·5	71	5·5	9	4	0	9	8	0	0	0	0	1	2	12	9	6	0	0	0	0	4	26	0	2	0	1	2	2	13	7	3
		h.*	34	1019·7	+6·3	52·9	5·0	9·3	69																												
		9	66	–	–	53·9	4·6	9·9	70	5·7	2	5	12	8	3	–	–	–	–	–	–	–	–	–	–	1	2	5	22	0	2	0	0	1	2	7	8	10
	Kensington.. ..	15	66	–	–	60·0	7·6	10·1	57	6·4	0	5	7	15	3	–	–	–	–	–	–	–	–	–	–	1	3	6	20	0	1	0	0	0	2	8	7	12
		18	66	–	–	57·9	6·2	10·4	63	6·4	0	5	11	8	6	–	–	–	–	–	–	–	–	–	–	0	2	4	24	0	1	0	0	1	2	9	4	13
		1	225	1020·3	–	48·8	2·3	9·8	83	5·8	6	5	2	9	8	0	0	0	0	1	8	9	11	1	0	0	1	3	26	0	1	0	1	0	2	7	5	4
Surrey	Croydon .. H	7	225	1020·7	–	48·8	2·4	9·9	83	6·8	4	2	5	8	11	0	0	0	1	0	3	15	8	3	0	0	0	5	22	3	2	0	1	0	4	4	11	5
		13	225	1020·6	–	59·1	7·0	10·3	61	7·8	0	2	6	14	8	0	0	0	0	1	0	11	5	13	0	0	1	9	20	0	3	0	1	0	2	7	10	7
		18	225	1019·8	–	57·3	6·1	10·3	65	7·6	0	5	2	13	10	0	0	0	0	1	4	9	6	10	0	0	0	10	20	0	3	2	1	0	1	11	7	5
	Wisley	9	85	1020·1	–	54·9	5·1	9·9	68	6·7	1	5	4	10	10	0	0	0	0	0	0	14	16	0	0	0	0	3	26	1	3	0	1	0	1	11	5	8
		7	—	–	–	48·1	1·7	9·9	87	6·4	5	4	2	11	8	0	0	0	0	1	1	6	12	10	0	0	0	3	8	19	0	5	0	1	2	3	3	10	6
Kent	Dungeness ..	13	—	–	–	55·3	3·3	10·8	72	6·7	1	8	3	9	9	0	0	1	0	0	0	2	23	4	0	0	0	6	11	13	0	4	2	1	2	2	8	13	0
		18	—	–	–	52·9				6·5	1	8	3	10	8	0	0	0	0	0	0	3	20	7	0	0	0	1	3	12	14	0	4	2	1	2	2	1	15	3
		1	345	1020·0	–	46·8	2·0	9·3	85	4·9	8	6	3	5	8	0	0	1	0	2	3	6	12	6	0	0	0	3	6	20	1	1	0	1	2	4	4	12	5
	Lympne .. H	7	345	1020·3	+7·0	47·8	2·0	9·7	85	6·9	3	5	2	9	11	0	0	0	0	1	3	6	8	12	0	0	0	2	5	23	0	2	0	1	2	2	5	10	8
		13	345	1020·0	–	56·7	6·0	10·1	65	7·2	0	8	0	13	9	0	0	1	0	0	3	4	9	13	0	0	0	1	9	19	1	1	0	1	3	8	4	7	5
		18	345	1019·6	–	53·3	4·6	9·7	70	6·8	1	6	3	13	7	0	0	0	0	0	4	5	8	13	0	1	0	9	18	2	1	0	1	1	3	5	7	6	5
		1	156	1019·5	–	48·4	2·3	9·7	83	5·1	8	4	5	5	8	0	0	0	0	0	4	15	10	1	0	0	0	3	4	21	2	1	0	0	1	6	6	8	6
	Manston .. H	7	156	1019·7	–	49·0	2·3	9·9	83	7·4	1	5	2	15	7	0	0	0	0	0	1	9	11	2	0	0	0	0	8	19	3	2	0	0	2	3	5	9	6
		13	156	1019·6	–	57·8	6·5	10·3	64	7·6	0	5	2	16	7	0	0	0	0	0	2	4	12	12	0	0	0	4	6	19	1	2	0	1	4	3	5	6	8
		18	156	1019·1	–	54·9	5·3	9·9	65	7·5	1	4	2	18	5	0	0	0	0	0	2	6	14	8	0	0	0	1	8	21	0	2	0	0	2	2	2	11	6
	Tunbridge Wells ..	9	407	1020·4	+6·6	52·4	2·5	11·1	83	6·1	4	7	3	3	13	0	0	0	0	0	0	3	7	20	0	0	0	0	6	4	20	0	1	2	0	0	2	8	8	9
Sussex	Hastings .. H	9	154	1019·9	+5·9	53·0	4·1	10·0	73	6·5	4	4	3	8	11	0	0	0	0	0	8	16	0	6	0	0	0	2	6	20	2	1	2	1	4	3	9	1	7
		1	10	1020·4	–	47·1	1·8	9·4	86	4·7	8	5	5	9	3	0	0	1	0	0	3	8	14	3	1	0	3	5	18	4	3	1	4	1	0	3	12	2
	Thorney Is. ..	7	10	1020·8	–	47·9	1·8	9·8	86	7·0	1	7	2	10	10	1	0	0	0	0	2	8	12	6	1	0	3	6	15	6	0	1	3	1	1	3	11	4
		13	10	1020·3	–	57·6	5·6	11·0	67	7·0	0	8	1	14	7	0	0	0	0	0	0	5	8	15	2	1	3	12	14	0	2	0	1	1	10	5	8	3
		18	10	1019·9	–	55·2	4·7	10·4	70	6·9	1	6	2	13	8	0	0	0	0	0	2	4	4	18	2	0	1	11	16	2	0	0	1	3	2	11	5	6
Hampshire	Southampton ..	9	84	1020·7	–	56·7	6·0	10·0	64	6·6	0	6	8	9	7	0	0	0	0	0	2	7	7	4	0	0	2	8	20	0	3	1	1	1	5	6	7	6
		21	84	1020·8	–	51·5	3·3	10·0	77	6·1	3	7	5	8	7	0	0	0	0	0	0	19	9	2	0	0	1	6	19	4	3	0	0	1	3	5	7	7
		1	231	1020·0	–	47·5	2·3	9·4	83	5·5	5	7	3	7	8	0	0	0	0	0	5	7	11	7	0	0	2	7	18	3	1	0	0	2	4	3	12	5
	S. Farnborough H	7	231	1020·4	+6·8	46·8	2·2	9·2	83	6·3	5	5	1	10	9	0	0	0	0	1	3	7	7	12	0	0	1	8	17	4	2	1	1	1	3	1	12	5
		13	231	1019·9	–	59·7	8·5	9·2	55	7·7	0	3	7	10	10	0	0	0	0	0	1	3	7	19	0	0	4	13	13	0	1	0	1	0	2	7	9	10
		18	231	1019·3	–	57·4	7·1	9·3	59	7·3	0	5	1	20	4	0	0	0	0	1	0	3	4	21	1	0	1	10	19	0	4	0	1	0	2	9	6	8
I. of Wight	Ventnor (Hosp.)	9	80	–	–	53·8	3·6	10·9	77	5·3	3	8	7	5	7	–	–	–	–	–	–	–	–	–	–	0	2	6	22	0	4	1	2	3	1	4	8	6
		15	80	–	–	56·1	4·9	10·7	69	5·9	2	7	5	10	6	–	–	–	–	–	–	–	–	–	–	0	3	10	17	0	4	1	2	2	1	5	10	5
Wiltshire	Amesbury H	1	420	1020·6	–	45·7	1·4	9·4	88	5·8	8	3	1	6	12	0	2	0	1	0	1	8	11	7	0	0	0	2	5	20	3	2	0	1	3	2	4	9	6
	(Boscombe Down)	7	420	1020·9	–	46·5	1·6	9·6	88	6·0	3	8	2	9	8	0	0	2	1	0	1	11	14	1	0	0	0	1	8	18	4	3	0	1	2	2	5	10	3
		13	420	1020·3	–	58·1	7·3	9·6	60	7·3	0	5	5	10	10	0	0	0	0	0	1	1	8	20	0	0	4	15	11	0	4	0	2	0	3	8	7	6
		18	420	1019·9	–	55·3	5·7	9·7	66	6·6	1	6	5	15	3	0	0	0	0	0	0	1	8	20	1	0	2	11	16	1	2	0	1	1	6	5	8	6
		9	444	1020·7	–	51·9	3·6	10·0	76	6·7	2	7	2	11	8	0	1	0	0	0	3	14	6	6	0	0	2	8	19	1	2	1	2	1	5	2	13	3
	Larkhill .. H	13	444	1020·1	–	57·6	7·2	9·3	59	6·9	0	8	3	9	10	0	0	0	0	0	3	4	9	14	0	0	2	12	16	0	3	0	2	0	4	7	9	5
		15	444	1019·3	–	58·0	7·4	9·4	58	7·5	0	5	3	15	7	0	0	0	0	0	0	6	12	12	0	1	1	12	16	0	2	1	0	1	3	9	7	7
7a ENGLAND, N.W.																																			
Lancashire	Hutton	9	86	1018·5	+5·9	51·2	2·6	10·5	82	6·3	1	5	7	15	2	–	–	–	–	–	–	–	–	–	–	2	2	2	20	4	1	1	0	0	1	12	3	8
	Manchester (Whitworth Pk.)	9	127	1018·1	+5·1	50·6	3·6	9·4	75	7·2	1	5	6	5	13	–	–	–	–	–	–	–	–	–	–	2	1	4	22	1	2	1	0	1	2	8	6	9
		21	127	1018·2	–	49·8	3·3	9·3	76	5·8	4	7	2	8	9	–	–	–	–	–	–	–	–	–	–	0	1	6	21	2	5	0	1	0	2	7	6	7
	Southport †H	9	37	1018·4	+5·0	50·7	3·2	9·8	78	7·8	0	3	6	9	12	0	0	0	1	2	4	10	7	6	0	1	3	16	9	1	0	0	0	0	1	3	5	9	10
	(Bedford Rd. Park)	15	37	1017·8	–	53·3	5·1	9·4	68	6·7	0	9	5	3	13	0	0	0	0	0	2	7	13	8	0	0	7	18	5	0	0	0	0	1	1	4	15	9
		21	37	1017·8	–	48·5	2·6	9·4	80	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0	5	11	13	1	1	0	1	0	4	6	9	8
	Stonyhurst ..	9	381	1017·8	+4·3	49·4	2·8	9·5	79	8·0	2	0	2	12	14	0	0	0	1	1	1	12	5	10	0	1	2	14	13	0	0	1	1	0	3	5	17	3
		21	381	1017·6	–	47·1	2·0	9·4	82	6·0	6	6	0	5	13	–	–	–	–	–	–	–	–	–	–	0	2	4	22	2	1	1	0	0	2	8	13	3
Cheshire	Bidston Obs'y. ..	9	202	1018·4	+5·3	50·4	3·4	9·5	76	7·3	2	2	6	10	10	0	0	0	0	2	4	12	10	2	0	2	3	11	12	2	1	0	1	1	1	4	15	5
		1	261	1017·7	–	45·7	1·6	9·3	87	6·2	8	3	2	1	16	1	0	0	1	2	5	19	2	0	0	0	2	0	19	4	0	1	2	0	10	4	11	12
	Manchester H	7	261	1018·0	–	45·9	1·7	9·3	87	7·3	3	5	0	8	14	1	1	1	1	3	2	17	3	1	0	0	3	8	15	4	0	1	0	1	9	3	11	2
	(Ringway)	13	261	1018·0	–	55·2	6·0	9·3	63	8·1	1	0	4	19	6	0	0	0	0	1	1	5	10	13	0	0	5	17	8	0	0	0	0	1	4	6	14	5
		18	261	1017·4	–	52·8	4·6	9·5	70	7·0	1	5	3	14	7	0	0	0	0	1	3	14	4	7	1	0	1	16	13	0	0	0	1	0	5	6	9	9
7b NORTH WALES																																			
		1	19	1017·9	–	47·3	2·3	9·2	82	5·8	5	8	1	4	12	0	0	0	1	4	2	8	11	4	0	0	3	5	13	9	0	0	0	0	0	5	11	5
Flint	Sealand .. H	7	19	1018·2	–	47·3	2·4	9·1	81	6·9	2	4	4	14	6	0	1	0	1	2	1	9	7	2	0	0	1	2	20	5	0	0	0	1	1	2	3	12	6
		13	19	1018·3	–	56·6	6·6	9·3	60	7·5	1	3	3	16	7	0	0	0	0	0	0	2	4	24	0	0	0	1	4	5	20	0	2	0	0	1	1	8	6	12
		18	19	1017·8	–	54·1	5·1	9·6	67	6·4	2	6	5	11	6	0	0	0	0	0	0	8	4	18	0	0	4	3	23	0	3	0	0	1	2	7	8	9

†Visibility at Hesketh Park (at 9h. and 15h.); wind at Marshside. * Mean of hourly readings.

TABLE IV (*continued*)—Summary of Observations at fixed hours APRIL, 1943—

DISTRICT, COUNTY AND PLACE		Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE: At Mean Sea Level	MEAN PRESSURE: Difference from Average	TEMPERATURE AND HUMIDITY: Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	CLOUD AMOUNT: Mean Amount	No. of OBSERVATIONS: 0	1 to 3	4 to 6	7 to 9	10	VISIBILITY: NUMBER OF OBSERVATIONS: FOG: 0	1	2	3	MIST: 4	POOR VIS.: 5	MOD. VIS.: 6	GOOD VISIBILITY: 7	8	9	WIND, NUMBER OF OBSERVATIONS: FORCE (0-12): 8 or more	6 to 7	4 to 5	1 to 3	Calm	DIRECTION: N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
		G.M.T.	ft	mb	mb	°F	°F	mb	%																														
7b NORTH WALES—*cont.*																																						
Anglesey	Holyhead (Valley) H	1	34	1018·5	–	47·3	1·6	9·8	88	7·0	3	4	5	5	13	0	0	0	0	0	3	7	8	11	1	1	6	11	9	3	1	0	1	0	6	6	7	6
		7	34	1018·9	+6·1	47·8	1·6	9·9	87	7·1	2	5	3	11	9	0	0	1	0	0	1	4	5	19	0	2	5	8	13	2	0	0	1	0	6	8	6	7
		13	34	1019·1	–	52·9	3·8	10·3	76	7·2	0	8	1	11	10	0	0	0	0	1	1	3	9	14	2	2	3	14	11	0	1	0	0	0	7	9	7	6
		18	34	1018·4	–	50·6	2·7	10·1	82	7·3	0	10	2	8	10	0	0	1	0	1	1	5	4	16	2	0	4	14	12	0	1	0	1	0	5	10	7	6
Carnarvon	Llandudno ..	9	33	1018·6	–	50·9	3·2	9·9	78	6·1	2	6	5	14	3	0	0	0	0	0	2	2	6	20	0	0	2	4	24	0	1	0	1	0	2	9	17	0
8a SOUTH WALES.																																						
Cardigan	Aberporth ..	7	379	1020·4	–	47·2	1·8	9·6	86	7·6	2	2	5	12	9	0	1	1	0	0	0	2	11	12	3	0	5	9	13	3	2	0	1	1	5	6	8	4
		13	379	1020·6	–	53·3	4·0	10·2	74	7·0	0	6	4	17	3	0	0	0	0	0	0	2	6	17	5	0	2	15	13	0	2	0	0	1	3	7	12	5
		18	379	1019·9	–	50·9	2·9	9·9	78	6·4	0	10	2	11	7	0	0	0	0	0	0	2	8	16	4	0	3	14	13	0	1	0	0	1	3	8	14	3
Pembroke	St. Ann's Head ..	1	152	1020·3	–	49·1	1·6	10·5	89	5·6	3	10	2	7	8	0	1	0	0	0	0	4	11	14	0	2	2	12	14	0	2	1	2	2	3	4	7	9
		7	152	1020·9	+7·6	48·5	1·4	10·4	89	6·9	0	4	10	9	7	0	0	0	0	0	1	2	10	17	0	0	4	10	15	1	2	3	2	1	1	5	7	8
		13	152	1021·0	–	52·2	2·3	11·3	85	6·0	2	6	9	7	6	0	0	0	0	0	0	4	11	15	0	0	5	12	11	2	1	0	0	1	2	9	8	7
		18	152	1020·2	–	50·7	1·8	10·8	86	6·2	1	9	6	6	8	0	0	0	0	0	0	2	12	16	0	2	3	9	14	2	3	1	1	0	1	7	11	4
Radnor	Rhayader	9	—	–	–	49·2	2·4	9·8	82	6·9	2	4	5	7	12	0	0	0	0	0	0	5	8	17	0	0	2	4	24	0	0	0	1	3	0	7	9	10
Glamorgan	Cardiff	9	203	1021·0	+6·7	52·5	3·8	10·0	74	6·9	2	4	4	9	11	0	1	0	0	1	1	17	4	6	0	0	1	4	25	0	1	3	3	1	0	15	6	1
	St. Athan ..	1	147	1020·9	–	47·3	1·5	10·0	89	5·4	9	4	2	4	11	0	0	0	0	3	3	18	6	0	0	0	3	3	19	5	0	1	1	1	1	3	14	4
		7	147	1021·1	–	47·7	1·6	10·0	89	7·1	2	5	2	13	8	0	0	0	1	3	8	12	4	1	0	0	1	4	18	4	0	1	4	0	1	4	11	5
		13	147	1021·2	–	55·5	4·9	10·4	70	6·9	0	4	9	9	8	0	0	0	0	0	2	11	7	10	0	0	1	12	17	0	1	0	1	3	1	6	13	5
		18	147	1020·5	–	53·5	4·3	10·1	73	6·6	1	5	7	7	10	0	0	0	0	1	1	10	12	6	0	0	2	10	16	2	1	0	1	0	0	6	18	2
8b ENGLAND, S.W.																																						
Somerset	Bath	9	113	1020·5	+6·8	53·5	4·2	10·1	73	6·5	2	7	5	3	13	0	0	0	0	0	2	2	4	20	2	1	0	8	21	0	0	1	1	3	3	5	11	6
	Bristol (Airport) H	1	236	1020·7	–	47·2	1·5	9·9	88	5·9	5	5	3	9	8	0	0	0	0	1	4	9	13	3	0	0	3	4	17	6	0	0	0	1	2	7	12	3
		7	236	1021·5	–	47·6	1·3	10·2	89	6·8	3	5	1	13	8	0	0	0	0	2	2	13	13	0	0	0	1	5	20	4	1	1	1	1	2	3	14	3
		13	236	1020·8	–	57·8	5·8	10·8	67	7·0	0	5	6	13	6	0	0	0	0	0	0	4	6	20	0	0	2	9	18	0	2	0	2	0	1	7	14	4
		18	236	1020·0	–	55·2	4·6	10·6	72	6·1	0	11	2	12	5	0	0	0	0	0	0	5	11	13	1	0	3	7	19	1	2	1	0	1	5	3	14	3
Dorset	Holton Heath H	9	58	1021·3	–	54·3	4·3	10·4	73	6·1	1	9	4	9	7	0	1	0	0	1	0	1	16	10	1	0	3	8	15	4	4	1	2	3	1	3	5	7
		15	58	1020·7	–	58·4	6·7	10·2	62	6·6	0	7	6	6	11	0	0	0	0	0	0	2	25	2	0	1	1	10	18	0	5	0	2	2	3	6	6	6
	Portland Bill ..	1	37	1020·7	–	50·3	1·6	11·1	89	6·3	4	4	8	4	10	0	0	0	0	0	0	0	10	20	0	0	2	13	15	0	2	1	3	0	3	10	7	4
		7	37	1020·9	+7·6	50·6	1·3	11·4	91	8·2	1	0	5	8	16	0	0	0	0	0	0	0	5	25	0	0	0	15	15	0	1	2	5	0	2	4	8	9
		13	37	1021·5	–	53·0	1·6	12·3	90	8·0	0	1	8	7	14	0	0	0	0	0	0	1	3	26	0	0	0	14	16	0	1	0	6	0	4	8	7	4
		18	37	1020·5	–	51·9	1·5	11·9	90	7·8	0	0	9	11	10	0	0	0	0	0	0	0	3	27	0	0	1	15	14	0	1	0	6	0	2	9	7	5
Devon	Hartland Pt. ..	1	305	1020·3	–	49·5	1·9	10·3	85	5·6	5	6	4	9	6	0	0	0	2	0	0	1	8	19	0	0	2	10	18	0	2	0	3	3	2	4	9	7
		7	305	1020·7	–	48·8	1·6	10·4	89	6·1	0	9	4	13	4	0	2	0	0	0	0	2	10	16	0	0	2	9	19	0	3	2	2	0	5	4	6	8
		13	305	1020·9	–	51·9	2·9	10·5	79	6·1	0	7	9	11	3	0	0	0	0	0	0	0	12	18	0	0	3	5	1	0	1	4	9	7
		18	305	1020·0	–	51·1	2·3	10·7	84	5·7	0	10	7	10	3	0	0	0	0	0	0	2	11	17	0	0	1	12	17	0	4	4	1	0	0	5	10	6
	Plymouth (Mount Batten) H ..	1	27	1021·9	–	47·7	1·6	10·0	88	4·8	6	7	4	6	7	0	0	0	0	1	0	13	13	2	1	0	2	5	21	2	1	1	7	2	1	3	8	5
		7	27	1022·1	+8·3	47·7	1·5	10·3	85	6·1	2	7	5	10	6	0	0	0	0	1	1	14	9	5	0	0	1	7	18	4	0	0	5	3	0	3	9	6
		13	27	1022·3	–	55·7	4·8	10·7	71	6·2	0	10	3	10	7	0	0	0	0	0	1	1	7	20	1	0	2	11	17	0	2	0	1	1	5	10	4	7
		18	27	1021·5	–	53·4	3·9	10·3	75	5·7	1	9	5	12	3	0	0	0	0	0	0	4	7	18	1	0	2	12	16	0	2	0	1	1	3	10	5	8
Cornwall	The Lizard ..	1	240	1021·6	–	49·2	1·5	10·6	89	5·0	9	5	3	4	9	0	0	0	1	0	1	1	9	18	0	1	2	10	15	2	4	2	4	0	4	0	6	8
		7	240	1021·8	–	49·3	1·4	10·8	90	6·9	0	4	10	11	5	0	0	0	0	0	0	0	8	22	0	0	3	13	12	2	2	4	2	0	2	2	5	11
		13	240	1022·2	–	55·3	3·5	11·5	77	6·2	2	6	8	6	8	0	0	0	1	0	0	0	3	26	0	0	4	11	15	0	3	2	3	2	3	3	8	6
		18	240	1021·3	–	53·0	2·8	11·6	85	5·7	2	7	8	8	5	0	0	0	2	1	0	1	3	23	0	0	5	12	13	0	3	1	3	2	2	3	8	8
	Newquay ..	9	185	1021·4	+7·6	53·0	3·2	10·8	79	6·7	3	7	1	6	13	0	0	0	0	0	2	8	9	11	0	0	1	15	14	0	5	1	1	2	3	4	5	9
NORTHERN IRELAND																																						
Antrim	Aldergrove H	1	271	1016·3	–	46·0	1·8	9·1	86	6·5	2	9	2	2	15	0	0	0	0	0	0	9	9	12	0	0	1	7	19	3	0	0	1	0	4	7	13	2
		7	271	1016·6	–	46·3	1·6	9·4	87	7·6	0	5	2	14	9	0	0	0	0	0	0	1	10	9	8	2	0	2	5	20	3	0	0	0	1	5	11	8	2
		13	271	1016·6	–	52·8	4·3	9·8	71	8·1	0	1	6	15	8	0	0	0	0	0	0	2	4	16	8	0	3	11	16	0	1	0	0	1	4	11	7	6
		18	271	1016·3	–	51·1	4·2	9·2	71	8·5	0	2	2	16	10	0	0	0	0	0	0	1	3	5	18	3	0	2	11	16	1	0	0	0	0	1	5	5	13	5
Armagh	Armagh .. H	9	209	1017·4	+4·8	50·9	3·2	9·9	77	8·2	0	0	7	12	11	0	0	0	0	0	0	0	2	7	21	0	0	1	7	22	0	0	2	0	0	4	12	8	4
		21	209	1017·0	–	47·7	2·3	9·4	82	7·3	0	7	1	11	11	0	0	0	0	0	0	0	2	3	25	0	1	1	11	16	1	1	0	2	0	7	5	12	2
Scilly	St. Mary's ..	1	199	1022·0	–	49·1	1·4	10·7	90	5·4	9	1	5	6	9	0	0	0	0	0	1	8	10	11	0	0	3	12	14	1	4	1	2	3	2	3	4	10
		7	199	1022·1	+8·3	49·3	1·6	11·1	93	7·2	2	3	5	13	7	0	1	0	0	1	0	4	14	9	1	0	2	13	13	2	3	1	3	2	1	4	4	10
		13	199	1022·5	–	56·0	4·2	11·3	74	5·7	3	5	8	11	3	0	0	0	0	0	0	6	11	11	2	0	1	13	16	0	4	3	2	2	1	8	4	6
		18	199	1021·6	–	52·9	3·0	10·9	80	5·8	3	7	4	11	5	0	0	0	0	0	2	3	9	15	1	0	3	11	16	0	3	2	2	2	2	5	3	11
GIBRALTAR	.. .. H	1	400	1019·4	–	59·2	2·5	14·6	85	4·7	7	8	3	8	4	0	0	0	0	1	0	1	4	17	7	0	3	16	11	0	0	12	9	0	0	2	6	1
		7	400	1018·8	–	59·1	2·9	14·4	84	6·7	0	5	6	15	4	0	0	0	0	0	0	1	7	15	5	0	4	10	15	1	0	9	9	1	1	2	5	2
		13	400	1019·1	–	63·8	4·7	15·1	75	6·0	0	9	7	10	4	0	0	0	0	0	0	0	7	18	5	0	1	15	12	2	0	10	13	0	0	2	3	0
		18	400	1018·1	–	61·3	3·6	14·7	80	5·4	0	10	9	9	2	0	0	0	0	0	0	1	7	16	6	0	1	15	14	0	0	10	9	3	1	2	5	0
MALTA	.. .. H	1	234	1019·3	–	57·4	3·4	12·9	80	3·1	9	12	1	5	3	0	0	0	0	0	0	0	3	5	22	0	0	2	6	20	2	1	4	2	3	2	1	7	8
		7	234	1019·5	–	59·4	4·1	13·2	76	4·8	1	11	7	10	1	0	0	0	0	0	0	0	0	2	23	5	1	0	9	19	1	4	4	4	1	1	2	3	10
		13	234	1019·3	–	63·8	6·7	13·1	65	4·4	1	15	2	12	0	0	0	0	0	0	0	0	0	1	22	7	0	3	9	18	0	5	6	5	3	0	2	4	5
		18	234	1018·7	–	60·4	5·0	12·9	72	4·4	1	12	8	6	3	0	0	0	0	0	0	0	5	21	4	0	3	3	23	1	2	2	5	3	2	2	7	6

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MONTHLY WEATHER REPORT OF THE METEOROLOGICAL OFFICE

SUMMARY OF OBSERVATIONS COMPILED FROM RETURNS OF OFFICIAL STATIONS AND VOLUNTEER OBSERVERS

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MAY, 1943.—A month of extremes.

The month was distinguished by large variations of pressure and temperature, long sunny periods and alternating dry and wet spells. Temperature, rainfall and sunshine all exceeded the average on the whole.

A large anticyclone centred off south-west Ireland dominated conditions over much of the British Isles during the opening days, though a trough of low pressure over the North Sea moving south-west caused rain in the east and south of England on the 1st and weak troughs of low pressure were associated with some rain in Scotland and Ireland on the 2nd and in the extreme north-west of the British Isles on the 4th. On the 5th and 6th troughs of low pressure moved south-east over the country; there was rain in Scotland and Ireland but little or none in England. Subsequently a depression developed on the Atlantic westward of Ireland; thence it moved south-east to St. George's Channel and then slowly north-east across England. This disturbance became exceptionally deep, pressure at the centre over north Wales falling to 968 mb. on the 8th. Widespread gales occurred and heavy rainfall, and snow or sleet in northern districts. On the 9th another deep depression developed on the Atlantic and approached south-west Ireland; this disturbance moved rapidly north-east across England on the 10th and was associated with further gales, particularly in the southern half of England. Rainfall was heavy in England and there was somewhat widespread snow or sleet on the northern side of the track of the disturbance. Temperature was low from the 7th–11th. On the 11th and 12th depressions moved north-east along our western seaboard and were associated with rain in the west and north, while on the 13th a depression south of Iceland and an associated secondary south-westward of Ireland moved north-east giving rain in Scotland and Ireland and slight rain at a few scattered places in England.

Subsequently an anticyclone off south-west Ireland moved slowly north-eastward across the British Isles and became exceptionally intense; on the morning of the 16th pressure rose to 1042 mb. at Dublin and values nearly as high were registered over much of England and Wales. A period of mainly dry, sunny, warm weather prevailed from the 14th–20th.

Unsettled conditions were renewed on the 22nd and lasted over the 26th. On the 22nd and 23rd a depression off the west of Ireland moved north-east and caused rain in most places on the 22nd and in northern districts also on the 23rd and 24th. Meanwhile a new depression approached south-west England and moved north-east; general rain occurred in southern England on the 23rd and 24th. On the 26th a disturbance off north-west Ireland, moving north-east, was associated with some rain in the west and north.

In the rear of this depression an anticyclone developed over the British Isles and a spell of fine, warm weather was experienced generally, but widespread scattered thunderstorms developed on the night of the 29th–30th. The closing days were unsettled with rain in most places.

Pressure and Wind.—Mean pressure slightly exceeded the average except in the Shetland Islands. The deviation at 7h. ranged from −0·5 mb. at Sumburgh to +3·4 mb. at Plymouth. The extremes of pressure were exceptional for May. On the 8th pressure at mean sea level fell to 968 mb. over north Wales and on the 16th it rose to 1042 mb. at Dublin and values nearly as high were registered over much of England and Wales. As far as can be ascertained these values are records for more than 50 years for both low and high pressure in May in the British Isles and they are still more remarkable since they occur in the same month within eight days of each other. Equally high pressures were registered in May 1881, when values of approximately 1042 mb. were reported at Aberdeen, Glasgow and Armagh.

The most widespread gales occurred from the 8th–10th. Mean hourly velocities of 63 m.p.h. and 53 m.p.h. were registered at Bell Rock and Fleetwood respectively on the 9th and 52 m.p.h. at Pendennis on the 7th. Among the highest speeds recorded in gusts were 85 m.p.h., 76 m.p.h. and 73 m.p.h. at Bell Rock, Holyhead and St. Ann's Head respectively on the 9th and 72 m.p.h. at Lympne on the 8th.

Temperature.—Mean temperature slightly exceeded the average on the whole the deviations for the districts ranging from +0·1°F. in Scotland, W. to +2·3°F. in England, E. Broadly speaking the first 11 days were cool and the remainder of the month was warm. In particular, the period 7th–11th was cold and it was very warm in most of England on the 14th and in Scotland on the 18th–19th; for example, at Croydon the maximum temperature on the 10th was 51°F., while on the 14th, only four days later, it was 85°F., a difference of 34°F. Similar differences were registered at numerous stations in Great Britain. Ground frosts occurred rather frequently for the season.

The extremes for the month were:—(England and Wales) 86°F. at Bromley on the 14th, 27°F. at Castleton on the 3rd, Houghall on the 4th and Welshpool on the 5th; (Scotland) 78°F. at Kilmarnock on the 18th, 23°F. at Dalwhinnie on the 10th; (Northern Ireland) 72°F. at Armagh on the 17th, and at Castlerock and Garvagh on the 18th and 31°F. at Garvagh, Hillsborough and Armagh on the 10th.

Precipitation.—The general precipitation expressed as a percentage of the average for the period 1881–1915 was 142 over England and Wales, 139 over Scotland and 149 over Northern Ireland. In Scotland, less than the average occurred over a small area in the extreme north-west and at a few widely separated stations in the west. More than twice the average was received locally in the south-east. In England and Wales less than the average was registered over much of East Anglia and the neighbouring part of the east Midlands, the extreme east of Kent and at one or two isolated stations elsewhere. In most other districts the excess was considerable and more than twice the average occurred locally in Devon and Cornwall. In Northern Ireland the excess was general. Generally speaking, the wettest periods were the 6th–13th, 22nd–26th and 29th–31st.

Among the heaviest falls in 24 hours were:—

8th 3·00 in. at Drummuir Castle (Banff-shire) and 2·98 in. at Fettercairn (Kincardine-shire).
9th 2·37 in. at Llanddeusant (Carmarthen).
23rd 2·27 in. at Grula, Skye.

There was a good deal of snow from the 8th–10th; it was widespread in Scotland and occurred as far south as central Ireland, Yorkshire and the Pennines. Snow was 6 inches deep at Douglas, Isle of Man and 3 inches deep at Duntuilm, Skye on the 9th and 4 inches at Newton Rigg on the 10th. The storm was particularly severe in Aberdeenshire, snow to a depth of 7 feet blocked the Braemar-Perth road at Cluny Lodge.

Thunderstorms were reported at times, for example on the 1st, 6th–9th, 22nd–25th and 29th–30th.

Sunshine.—Excessive sunshine was a marked feature of the weather of the month. Less than the average occurred only at some stations in the extreme west and north of Scotland, and the percentages for the districts ranged from 100 in Scotland, N. to 137 in England, N.E.

Fog.—On the whole there was not a great deal of fog, but it occurred most frequently on the south-west coasts and in north-east districts of Britain. It occurred mainly on the 5th, 12th–14th, 18th–22nd, 26th, and 31st.

Miscellaneous Phenomena.—The aurora was observed in Scotland on six nights. Solar halos were noted at Oxford on 13 days.

Meteorological Office, Air Ministry: Nelson K. Johnson, K.C.B., D.Sc., Director. 1 *July*, 1943

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TABLE I—DISTRICT VALUES— MAY, 1943 [1908, revised 1928 and 1941]

DISTRICTS	AIR TEMPERATURE			EARTH TEMPERATURE		RAINFALL		SUNSHINE	
	Highest	Lowest	Daily Mean Difference from Average	At 1 ft Difference from Average	At 4 ft Difference from Average	Percentage of Average	No. of Days Difference from Average	Percentage of Average	Percentage of Possible Duration
	°F	°F	°F	°F	°F	%		%	%
0 SCOTLAND, N.	72	23	+0·9	—	—	135	+3	100	30
Eastern									
1 SCOTLAND, E.	76	27	+0·9	—	—	179	+1	116	38
2 ENGLAND, N.E.	79	27	+1·8	+1·9	+1·2	122	+1	137	46
3 ENGLAND, E.	85	33	+2·3	+0·5	+0·8	103	−3	123	53
4 MIDLAND COUNTIES ..	80	28	+1·6	+0·9	+2·1	142	−2	134	48
5 ENGLAND, S.E.	86	29	+1·4	+1·4	+1·7	125	−2	119	52
Western									
6 SCOTLAND, W.	78	27	+0·1	−0·1	+0·3	152	+1	112	41
7 ENGLAND, N.W. (*and N. Wales*)	76	27	+0·6	+0·4	+1·7	147	−2	124	46
8 ENGLAND, S.W. (*and S. Wales*)	80	29	+1·0	+0·3	+1·5	154	−2	111	44
NORTHERN IRELAND	72	31	+0·2	—	—	146	+2	126	45
MEAN 0, 1, 6 ..	—	—	+0·6	—	—	—	—	109	36
MEAN 2, 3, 4, 5, 7, 8	—	—	+1·4	—	—	—	—	125	48

TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— MAY, 1943 [1914]

DISTRICT AND STATION	Height of Vane			Distribution of Wind ‡‡								Extreme Velocities								
				More than 38 mi/hr		25 to 38 mi/hr		13 to 24 mi/hr	4 to 12 mi/hr	Less than 4 mi/hr	No Record	Highest Hourly Wind				Highest Gust				
	Above Mean Sea Level	Above Ground	Effective Height	Dates of Occurrence	Duration	No. of days	Duration	Duration	Duration	Duration	Duration	Veer from N.	Speed		Hour ended at	Speed		Time		
	ft	ft	ft		hr		hr	hr	hr	hr	hr	°	mi/hr	m/s	day hr	mi/hr	m/s	d	h	m
0 SCOTLAND, N.																				
Shetland Lerwick	310	53	39	8–11; 14–15	29	18	211	287	179	38	0	260	47	21	11 13	68	31	11	01	35
Orkney Kirkwall	170	40	35	–	0	12	82	298	281	83	0	240	34	15	11 03	65	29	11	13	25
Hebrides Stornoway	120	40	36	11–14; 27	6	14	137	314	190	97	0	240	40	18	11 01	59	26	12	18	45
1 SCOTLAND, E.																				
Aberdeen Aberdeen	120	41	32	–	0	2	13	108	432	191	0	330	34	15	9 07	57	26	7	07	00
Angus Bell Rock Lighthouse	130	—	126	8, 9; 13–19; 23	30	18	132	342	159	81	0	350	63	28	9 06	85	38	9	05	25
Edinburgh Edinburgh	485	39	23	–	0	5	39	217	366	122	0	190	36	16	13 22	59	26	13	21	25
6a SCOTLAND, W.																				
Argyll Tiree	75	50	42	8	7	13	81	317	274	65	0	360	45	20	8 22	61	27	8	22	10
Renfrew Paisley	188	81	31	–	0	5	16	167	467	84	0	320	28	13	9 02	58	26	8	12	10
Renfrew (Abbotsinch)	65	46	34	–	0	4	16	147	376	205	0	250	30	13	23 14	55	25	8	11	40
Dumfries Eskdalemuir ..	825	50	35	12	2	6	42	176	336	188	0	200	40	18	12 14	66	29	9	04	45
6b ISLE OF MAN																				
Isle of Man Point of Ayre ..	70	40	35	8–9	16	13	78	268	255	126	1	360	48	21	9 01	64	29	9	00	35
2 ENGLAND, N.E.																				
Durham South Shields ..	73	57	44	–	0	4	26	136	406	176	0	330	35	16	9 05	53	24	9	06	50
Durham	389	53	33	–	0	3	16	157	382	189	0	310	35	16	9 11	58	26	9	10	15
Yorks., N.R. Catterick ..	220	45	33						Anemometer dismantled											
Yorks., E.R. Spurn Head ..	64	42	34	8–10	18	8	59	321	323	23	0	190	48	21	10 12	66	29	10	12	20
Lincoln Cranwell	284	43	33	–	0	7	51	259	379	55	0	310	38	17	9 13	64	29	10	11	20
3 ENGLAND, E.																				
Norfolk Gorleston	52	42	34	8; 10	5	7	38	280	337	80	4	180	44	20	8 06	59	26	8	13	05
Suffolk Mildenhall	98	83	58	–	0	6	50	253	344	91	6	290	37	17	9 14	60	27	13	13	25
Bedford Cardington ..	285	150	135	8; 10	10	7	77	277	287	93	0	180	47	21	10 11	68	30	10	10	40
Dunstable	567	55	33	–	0	6	17	295	391	41	0	290	33	15	9 12	52	23	9	10	55
Essex Shoeburyness ..	115	104	89	8; 10	18	8	58	285	287	96	0	190	47	21	10 11	67	30	10	13	10
4 MIDLAND COUNTIES																				
Leicester Leicester	385	60	33	–	0	1	7	125	397	184	31	300	28	13	9 12	54	24	10	11	30
Warwick Birmingham ..	643	118	73	–	0	3	24	360	314	46	0	310	35	16	9 11	61	27	10	10	30
5 ENGLAND, S.E.																				
London Kingsway	222	151	30	–	0	0	0	173	483	86	2	190	24	11	10 10	60	27	10	13	25
Southgate	222	30	—	–	0	0	0	24	215	505	0	–	18	8	10 14	41	18	10	15	50
Surrey Croydon	313	105	70	–	0	3	19	143	426	156	0	170	28	13	10 15	62	28	10	13	30
Kew Observatory ..	92	75	50	–	0	4	16	220	367	141	0	210	28	13	10 14	54	24	10	10	20
Kent Lympne	418	76	48	8; 10	7	7	73	216	347	101	0	230	45	20	8 14	72	32	8	11	55
Manston	185	45	45	8	1	2	32	192	396	122	1	220	39	17	8 13	63	28	8	12	10
Hants Thorney Island ..	75	65	45	–	0	6	57	194	373	119	1	170	37	17	8 02	67	30	8	10	15
Wiltshire Boscombe Down ..	462	45	33	–	0	6	39	201	344	160	0	200	38	17	10 11	60	27	10	12	30
Larkhill	491	51	36	10	3	7	68	264	344	65	0	220	43	19	10 13	63	28	10	12	45
7a ENGLAND, N.W.																				
Lancashire Fleetwood	112	50	31	9	12	6	31	366	335	0	0	360	53	24	9 06	70	31	9	05	20
Southport	60	42	33	9	11	7	30	296	318	89	0	340	48	21	9 05	67	30	9	08	45
Cheshire Bidston Obs'y. ..	262	64	39	9	6	2	9	237	383	109	0	310	40	18	9 09	70	31	9	05	05
Manchester (Ringway) ..	315	80	40	9	3	7	41	297	290	113	0	300	42	19	9 11	67	30	9	08	50
7b NORTH WALES																				
Anglesey Holyhead	68	43	35	8; 9	16	11	64	290	267	99	8	310	50	22	9 07	76	34	9	02	20
Flint Sealand	81	65	42						Defective Record											
8a SOUTH WALES																				
Pembroke St. Ann's Head ..	212	70	—	7–10	23	14	89	286	237	109	0	270	49	22	10 08	73	23	9	03	05
8b ENGLAND, S.W.																				
Devon Plymouth	185	88	65	7; 10	10	7	41	256	327	84	26	–	50	22	7 22	64	29	7	22	20
Cornwall The Lizard	315	75	60						No Record											
Pendennis Castle ..	256	65	42	7–8; 10	31	15	117	255	228	43	0	240	52	23	7 21	69	31	8	09	10
NORTHERN IRELAND																				
Antrim Aldergrove	328	60	42	–	0	0	0	74	306	364	0	340	24	11	8 24	53	24	8	20	55
SCILLY ISLES																				
St. Mary's	230	65	57																	

MONTHLY WEATHER CHARTS MAY 1943

1. WIND AND MEAN PRESSURE. 7A.M.

The dotted lines indicate the normal distribution of pressure in millibars based on 30 years' observations. 1901 — 1930

1013 1014 1014 1015 1016 1017 1015 1016 1018

WIND ROSES. *The arrows fly with the wind and indicate frequency and force, thus :* LIGHT MODERATE TO STRONG GALE ← 30 Obsns = 1 inch →

2. MOVEMENTS OF DEPRESSIONS.

Positions of centres are shewn thus:- O at 1h; ● at 7h; □ at 13h; X at 18h.

3. DISTRIBUTION OF MEAN TEMPERATURE

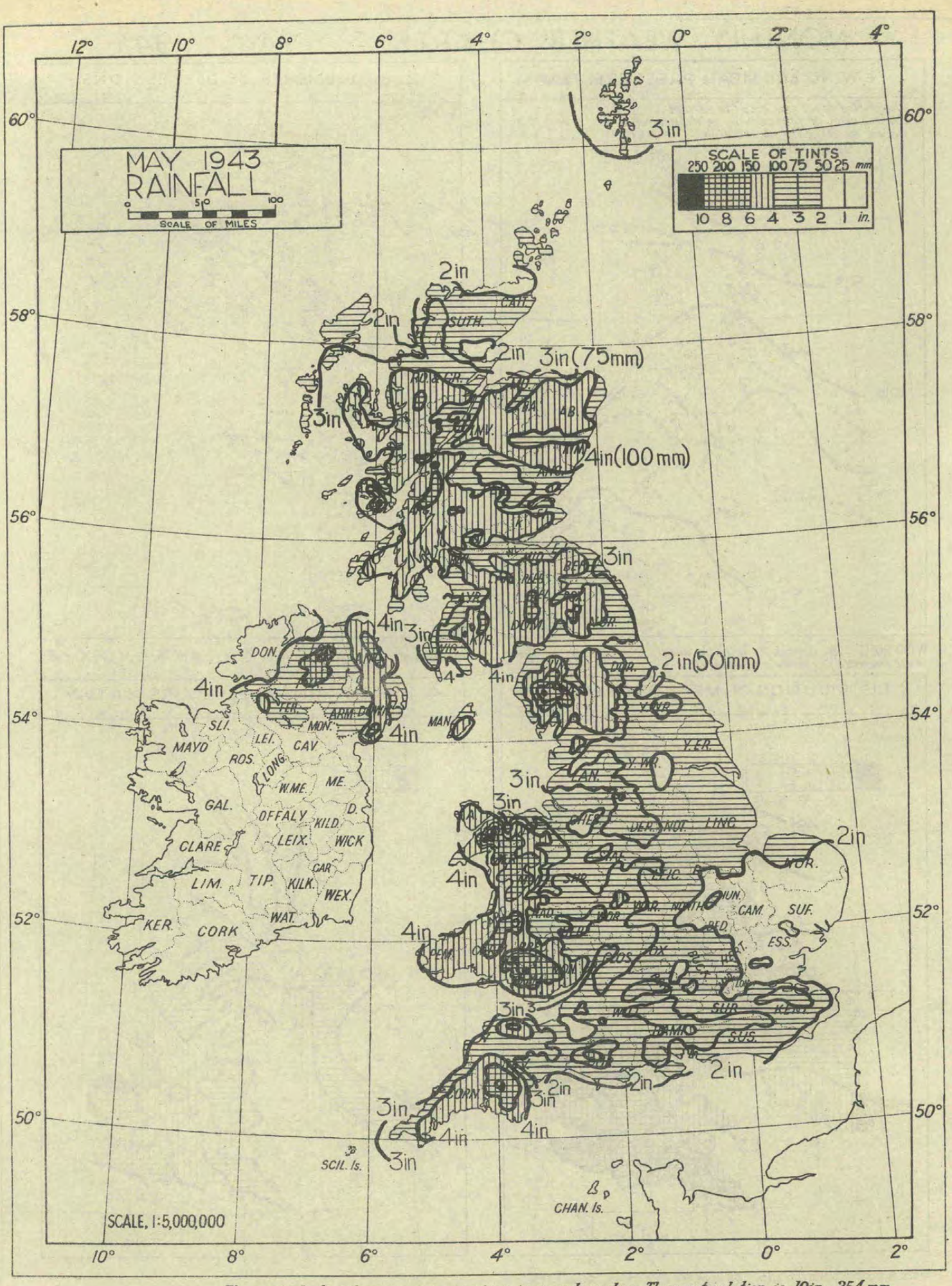
Reduced to sea level by a correction of 1°F. for 300ft.

SCALE OF TINTS 56 54 52 50 48 °F

Sea temperatures are shewn by figures in circles, thus : (50)

4 BRIGHT SUNSHINE, HOURS PER DAY

SCALE OF TINTS 9 8 7 6 5 hrs



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

TABLE III—Summary of Observations of Temperature, Rainfall, Sunshine and Weather. MAY, 1943

District, County and Place		Terminal Hours of Observation (Max. Min. Rain)	Height of Station above Mean Sea Level	Air Temperature in Degrees Fahrenheit: Means of A Max.	Means of B Min.	Mean of A and B	Difference from Average	Absolute Maximum and Minimum: Maximum	Date	Minimum	Date	Earth Temperature 1 ft	4 ft	Rainfall: Total Fall		Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n .01 in (0·3 mm) or more	Precip'n .04 in (1·0 mm) or more	Snow	Snow lying	Hail	Thunderstorm	Fog (Morn'g Obs.)	Ground Frost	Gale	Bright Sunshine: Daily Mean	Percentage of Average	Percentage of Possible
		G.M.T.	ft	°F	°F	°F	°F	°F		°F		°F	°F	mm	in	%	in											hr	%	%
0 SCOTLAND, N.																														
Shetland	Baltasound ..	9 9 9	31	52·1	42·7	47·4	+1·3	59	20	34	7,8	46·9	–	102	4·02	174	·80	8	28	19	1	0	1	1	–	–	1	4·83	89	28
	Lerwick Obsy. ¶§	9 9 9	269	51·5	42·5	47·0	+2·1	59	20	33	8	–	–	82	3·21	154	1·15	9	22	12	1	–	1	1	–	2	6	4·90	97	29
	Sumburgh (Links)	18–7 7	19	50·4	43·0	46·7	–	56	27	32	8	–	–	64	2·53	–	·72	9	20	13	2	0	3	1	1	3	3	–	–	–
Orkney	Kirkwall .. ¶§	9 9 9	113	52·3	43·4	47·9	+0·6	59	20	33	10	48·2	–	64	2·52	121	·46	10	20	12	1	0	1	0	0	3	0	4·74	89	28
Hebrides	Benbecula ..	18–7 7	27	54·3	44·5	49·4	–	65	21	31	9	–	–	85	3·37	–	·80	23	20	18	1	0	5	0	2	1	3	–	–	–
	Castlebay ..	9 9 9	—																											
	Stornoway ¶§	18–7 7	12	54·1	42·5	48·3	+0·8	65	19	30	10	–	–	57	2·26	93	·47	12	20	15	2	0	6	1	1	5	7	5·45	94	33
Skye	Duntuilm ..	9 9 9	294	53·4	43·1	48·3	–	64	19	30	10	–	–	85	3·33	–	·91	23	20	16	4	1	6	0	0	8	3	6·15	–	37
Caithness	Wick	18–7 7	114	52·9	43·0	47·5	+1·4	61	14,20,27	31	10	–	–	56	2·22	107	·56	8	17	10	1	0	2	0	1	3	2	–	–	–
Sutherland	Cape Wrath ..	18–7 7	367	51·0	43·0	47·0	–	64	19	32	9,10	–	–	60	2·35	–	·45	12	24	16	1	1	3	1	1	3	1	–	–	–
Ross & Cromarty	Achnashellach ..	9 9 9	225	56·5	41·5	49·0	+0·1	72	18,19	30	10	–	–	113	4·46	105	·91	23	24	20	5	1	0	0	0	–	0	–	–	–
	Fortrose	9 9 9	69	58·3	43·6	50·9	+1·6	69	19	31	10	–	–	94	3·69	–	1·15	23	18	12	1	0	3	0	0	–	0	5·88	107	36
	*Invergordon ..	18–7 7	26	57·5	42·6	50·1	–	71	19	32	3,10	–	–	84	3·30	–	1·13	23	16	11	2	0	3	0	1	8	0	–	–	–
Inverness	Dalwhinnie ..	18–7 7	1176	54·9	38·7	46·8	–	66	18	23	10	–	–	78	3·07	–	·49	12	20	15	4	0	1	0	0	12	0	5·47	–	33
	Ft. Augustus ¶§	9 9 9	68	57·5	42·1	49·8	+1·1	72	19	30	10	–	–	82	3·24	136	·57	22	21	14	2	0	2	0	0	–	1	4·84	109	29S
	Ft. William ..	9 9 9	34	57·4	42·3	49·9	–0·6	72	18	31	10	51·2	48·4	101	3·97	101	·86	13	20	13	2	2	2	0	0	5	0	5·20	95	32S
	Inverness ¶§	9 9 9	242	56·5	42·3	49·4	0·0	69	19	31	10	–	–	80	3·15	170	1·02	23	17	14	3	1	3	0	0	2	0	5·52	109	33
	Onich	9 9 9	48	57·2	42·2	49·7	–	71	18	30	10	–	–	121	4·75	128	·92	13	23	17	2	2	2	0	0	13	0	4·60	91	28S
1 SCOTLAND, E.																														
Nairn	Nairn .. ¶§	9 9 9	20	57·2	43·2	50·2	+1·1	71	19	32	8,10	–	–	83	3·28	182	1·00	23	18	13	2	1	3	0	0	3	2	6·13	116	37
Moray	Forres	9 9 9	155	58·4	42·2	50·3	–	75	19	30	10	–	–	81	3·20	–	·82	23	15	14	1	1	0	0	0	7	0	6·33	–	38
	Gordon Castle ..	2121 9	104	57·5	42·6	50·1	+0·6	66	19	29	10	–	–	68	2·69	127	1·40	8	12	9	1	1	1	0	–	–	–	–	–	–
	Lossiemouth ..	18–7 7	21	56·5	42·4	49·5	–	71	19	29	8	–	–	70	2·77	–	·86	23	12	9	2	1	1	0	0	–	0	–	–	–
Banff	Banff	9 9 9	130	55·3	43·8	49·5	+0·7	63	27	32	10	–	–	68	2·67	142	1·04	8	15	12	2	0	2	1	0	1	2	5·79	104	35
Aberdeen	Aberdeen ¶§	242424	79	54·8	43·6	49·2	+1·2	66	27	32	10	49·6	47·3	103	4·05	174	1·11	8	11	8	1	0	1	0	1	4	0	5·70	104	35
		18–7 –	—	55·6	42·8	49·2	+1·1																							
	Balmoral.. ..	9 9 9	927	56·2	39·3	47·7	+1·3	70	17	28	10	–	–	91	3·58	154	1·60	8	15	12	1	0	0	0	–	14	0	–	–	–
	Braemar	2121 9	1111	55·6	38·3	46·9	+0·6	67	17	26	10	–	–	79	3·13	131	·72	8	16	13	5	3	1	0	0	9	–	5·89	–	36S
	Craibstone ..	9 9 9	300	56·1	41·0	48·5	+1·6	66	27	29	10	48·7	46·1	109	4·29	172	1·65	8	15	9	4	1	2	1	–	8	–	5·91	112	36
	Dyce	18–7 7	241	55·6	40·8	48·2	–	66	27	29	10	–	–	109	4·31	–	1·77	8	15	10	3	1	1	1	0	0	3	2	–	–	–
	Tarland	9 9 9	540	57·7	39·8	48·7	–	68	4,17	29	10,11	–	–	115	4·53	–	2·74	8	15	12	2	0	3	0	–	–	2	–	–	–
Kincardine	Stonehaven ..	9 9 9	12	56·9	40·2	48·5	–	66	27,31	29	10	–	–	119	4·67	–	1·85	8	17	11	1	0	0	0	0	–	0	5·73	–	35
Angus	Arbroath.. ..	9 9 9	93	58·1	41·8	49·9	+1·2	66	17,28	31	10	–	–	92	3·63	181	1·56	8	15	13	0	0	1	0	0	7	1	6·87	117	42
	Buddon Ness ..	9 9 9	15	56·9	41·0	48·9	–	67	17	32	2	–	–	86	3·40	–	1·26	8	17	14	2	0	0	1	0	–	2	–	–	–
	Dundee .. ¶§	9 9 9	147	60·1	40·1	50·1	+1·0	71	20	30	10	51·3	–	93	3·66	183	1·07	8	17	14	2	0	1	1	–	6	1	6·07	114	37
	Kettins	9 9 9	218	58·4	40·9	49·7	+0·6	70	17	29	10	52·3	–	72	2·82	105	·55	8	16	12	0	0	2	1	0	5	3	–	–	–
	Montrose.. ..	9 9 9	16	57·6	41·8	49·7	+2·0	67	17,20	30	11	–	–	94	3·69	–	1·32	8	14	8	1	0	2	1	1	–	3	6·00	112	37
	,, (Airfield)	18–7 7	22	56·6	42·8	49·7	–	68	17,20	31	7,10	–	–	99	3·91	–	1·64	8	15	10	1	1	1	0	0	3	2	–	–	–
Perth	Errol	18–7 7	31	58·8	41·9	50·3	–	69	17,20	28	9	–	–	56	2·20	–	·44	8	17	13	0	0	0	0	1	–	0	–	–	–
	Longforgan ..	9 9 9	166	57·7	41·9	49·8	–	69	17	30	10	–	–	76	2·99	–	·88	8	17	13	0	0	2	1	0	6	1	6·38	–	39
	Perth	9 9 9	76	60·8	42·6	51·7	+1·4	70	17	30	10	–	–	77	3·04	137	·47	31	18	13	0	0	1	1	–	–	3	6·25	114	38
Fife	Cupar	9 9 9	210	58·3	41·9	50·1	+1·1	69	17	30	10	–	–	92	3·61	–	·92	8	19	15	1	0	0	1	–	–	1	–	–	–
	Dunfermline ..	9 9 9	237	58·2	42·2	50·2	–	74	19	30	10	51·8	49·0	105	4·14	–	1·21	8	16	14	2	0	4	1	0	6	3	6·48	–	40
	Kirkcaldy ..	9 9 9	137	58·7	42·1	50·4	+0·3	69	20	30	10	–	–	115	4·53	–	1·15	31	17	14	0	0	0	0	–	–	0	6·33	–	39
	Leuchars ..	18–7 7	36	58·1	43·2	50·7	+2·4	69	17	31	10	–	–	72	2·83	145	1·00	8	13	12	1	0	2	0	0	3	1	6·37	112	39
	Lundin Links ..	9 9 9	40	58·3	41·5	49·9	–	69	17,18,19	29	10	–	–	121	4·78	–	1·93	8	18	14	0	0	1	1	0	–	0	6·30	–	39
	St. Andrews ..	9 9 9	13	57·7	42·7	50·2	+1·4	69	17	31	10	47·8	48·7	91	3·59	172	1·10	8	15	12	1	0	1	1	0	2	1	6·13	112	38
Mid Lothian	Balerno	9 9 9	750	55·6	40·8	48·2	–	69	19	30	10	–	–	101	3·96	–	1·16	8	19	12	0	0	0	0	1	3	0	6·52	–	40
	Edinburgh—																													
	Blackford H. ¶§	2121 9	441	56·9	43·3	50·1	+1·2	72	19	33	10	–	–	83	3·25	159	·70	8	17	13	2	0	1	0	1	2	3	6·19	118	38
	Botanic Garden	9 9 9	74	59·4	42·6	51·0	–	75	19	32	10	–	–	91	3·60	–	·74	8	17	15	1	0	0	0	0	5	–	6·46	–	40
	Univ. King's B.	9 9 9	225	57·8	42·6	50·2	–	71	19	32	8	50·7	49·0	89	3·50	–	·79	8	16	14	–	–	–	–	–	–	–	–	–	–
	Boghall	9 9 9	639	56·5	41·5	49·0	+1·2	71	19	31	10	48·9	47·0	90	3·56	–	·94	8	16	13	4	0	0	0	1	4	–	5·84	115	36
	Liberton ..	9 9 9	190	58·8	42·9	50·9	–	76	19	32	2	–	–	93	3·65	–	·83	8	17	14	0	0	0	0	–	–	–	–	–	–
E. Lothian	Dunbar	9 9 9	75	57·0	41·1	49·1	–	66	17	32	10	–	–	65	2·54	–	·79	8	14	9	0	0	0	0	0	0	0	7·00	–	43
	N. Berwick ..	9 9 9	118	57·5	42·2	49·9	+1·0	71	19	31	10	–	–	87	3·42	182	1·00	8	15	10	0	0	0	2	1	1	1	6·35	117	39
Berwick	Marchmont ¶§	9 9 9	498	58·5	39·1	48·8	+0·2	69	17	28	10	–	–	122	4·81	195	1·70	8	21	12	0	0	0	0	–	–	0	6·87	129	43S
	St. Abb's Head	18–7 7	280	54·5	43·9	49·2	–	66	20	31	10	–	–	70	2·77	–	·85	8	13	11	1	0	0	1	1	–	2	–	–	–
Peebles	Peebles	9 9 9	—	58·4	37·6	48·0	–	72	18,19	27	2	–	–	105	4·14	–	1·67	8	15	12	3	0	0	0	0	5	0	6·23	–	39
	West Linton ..	9 9 9	820	56·4	38·5	47·5	+0·2	70	19	29	10,11	51·0	47·5	110	4·32	–	1·41	8	16	13	4	0	1	0	4	16	0	–	–	–
Roxburgh	Kelso (Br'ml'ds)	9 9 9	193	58·6	41·0	49·8	–0·3	68	17	32	10,11	–	–	101	3·97	206	1·05	8	20	14	1	0	0	1	0	–	–	–	–	–
	Wolfelee	9 9 9	537	58·3	38·3	48·3	–0·6	72	18	28	2	–	–	115	4·51	193	·96	8	16	15	2	1	2	2	0	–	1	–	–	–

¶§, S *See* Notes on Tables in Annual Summary.

*Station transferred to Alness on March 24th, 1943.

TABLE III (*continued*)—Summary of Observations of Temperature, Rainfall, Sunshine and Weather — MAY, 1943

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation Max. Min. Rain	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES FAHRENHEIT: Means of A Max.	B Min.	Mean of A and B	Difference from Average	Absolute Maximum and Minimum: Maximum	Date	Minimum	Date	Earth Temperature 1 ft	4 ft	RAINFALL: Total Fall mm	in	Percentage of Average	Most in a day: Amount	Date	WEATHER Number of days: Precip'n 0·1in (0·2mm) or more	0·4in (1·0mm) or more	Snow	Snow lying	Hail	Thunderstorm	Fog (Morn'g Obs.)	Ground Frost	Gale	BRIGHT SUNSHINE: Daily Mean	Percentage of Average	Percentage of Possible
		G.M.T.	ft	°F	°F	°F	°F	°F		°F		°F	°F	mm	in	%	in											hr	%	%
6a SCOTLAND, W.																														
Argyll	Ardtornish ..	2121 9	48	59·3	40·8	50·1	−0·4	72	18	30	10	−	−	97	3·80	−	·72	23	17	17	2	1	3	0	−	4	0	−	−	−
	Colonsay ..	9 9 9	87	55·5	42·7	49·1	−	69	18	30	10	−	−	93	3·66	−	1·03	22	24	15	1	0	4	2	−	−	0	−	−	−
	Dunoon (Benmore)	9 9 9	46	58·6	42·0	50·3	−	70	18	30	10	52·5	49·5	148	5·82	−	1·37	22	22	13	4	0	3	1	0	9	0	5·23	−	32S
	Dunoon	9 9 9	132	57·0	43·8	50·4	−	66	18	31	9	−	−	120	4·73	−	·89	11	15	14	1	0	2	0	2	−	−	6·01	−	37
	Glenbranter ..	9 9 9	120	58·9	41·3	50·1	+0·5	72	18	29	10	−	−	116	4·55	−	·93	22	15	15	4	0	0	0	0	10	−	−	−	−
	Oban	9 9 9	229	55·5	43·0	49·3	−	71	19	31	10	−	−	92	3·62	−	·67	22	19	16	2	0	1	0	0	1	0	4·80	82	29
	Tiree .. ¶§	18-7 7	44	54·6	44·7	49·7	0·0	65	18	31	10	−	−	85	3·35	134	·91	23	17	14	3	0	2	1	0	0	2	6·68	86	41
Bute	Rothesay ¶§	2121 9	200	57·5	40·6	49·1	−0·8	70	18	30	9	51·9	48·8	104	4·08	135	1·13	22	15	11	1	0	4	1	0	7	1	−	−	−
Dumbarton	Cardross	9 9 9	130	58·6	40·6	49·6	−0·4	71	18	29	10	−	−	93	3·64	−	·96	22	17	11	0	0	0	0	0	−	−	5·62	109	35S
	Helensburgh ..	9 9 9	293	58·6	42·3	50·5	0·0	68	18	31	10	−	−	115	4·52	149	1·03	22	19	16	1	0	2	1	0	−	0	5·81	109	36
Stirling	Balfron	9 9 9	342	59·0	41·9	40·5	−	−	−	30	10	−	−	101	3·99	−	1·01	22	16	12	3	0	1	1	0	−	0	−	−	−
	Stirling	9 9 9	151	59·4	44·1	51·7	+1·0	71	19	33	10	53·0	48·4	105	4·14	−	·87	22	18	13	1	0	0	0	1	−	−	6·11	125	38S
Renfrew	Greenock ..	9 9 9	199	58·1	44·6	51·3	+1·0	70	18	33	10	−	−	98	3·85	118	·89	22	16	12	1	0	2	1	2	1	0	6·20	−	38
	Paisley	2121 9	106	59·3	44·5	51·9	+0·4	70	19	34	10	53·5	49·7	82	3·22	129	·68	22	14	11	0	0	1	1	0	2	0	6·25	120	39
	Abbotsinch ¶§	18-7 7	19	59·1	43·2	51·1	+1·5	70	19	33	10	−	−	83	3·28	139	·70	22	15	12	3	0	3	1	1	8	0	6·41	123	40
Lanark	Carluke ..	9 9 9	534	57·0	41·9	49·5	−	69	19	31	10	−	−	87	3·43	−	·76	8	16	13	2	0	2	1	0	6	1	6·19	−	38
	Dungavel ..	9 9 9	798	55·6	39·0	47·3	−0·2	67	29	27	10	−	−	101	3·96	−	·61	11	18	13	4	0	1	1	0	4	0	−	−	−
	Glasgow, Spr.' Pk.	9 9 9	351	59·2	42·4	50·8	−	70	19	32	10	−	−	99	3·88	−	1·06	22	18	11	3	0	2	1	−	8	−	6·14	−	38
Ayr	Auchincruive ..	9 9 9	89	59·3	42·7	51·0	−	75	18	34	1,10	52·7	49·7	83	3·28	−	·71	22	15	15	0	0	4	1	0	10	0	6·37	−	40
	Ayr	9 9 9	43	57·7	44·3	51·0	−	71	17	34	10	−	−	75	2·96	−	·64	22	15	15	0	0	0	0	0	0	0	6·09	−	38
	Colmonell ..	9 9 9	170	58·0	42·3	50·1	−0·7	72	18	32	10	−	−	65	2·64	99	·43	22	12	11	1	0	2	2	0	1	1	−	−	−
	Kilmarnock ..	9 9 9	130	60·2	42·4	51·3	+0·2	78	18	32	1	52·4	49·7	93	3·65	−	·81	22	15	12	0	0	3	1	0	6	0	6·69	116	42
	Prestwick ..	9 9 9	17	56·8	45·2	51·0	−	71	18	35	10	−	−	79	3·09	−	1·06	22	14	13	0	0	0	1	0	0	0	6·09	−	38
	Troon	9 9 9	15	56·7	45·6	51·1	−	70	18	36	10	−	−	84	3·29	−	·99	22	13	11	2	0	3	1	0	0	0	(6·70)	−	42S
	Turnberry ..	9 9 9	30	57·8	45·2	51·5	+0·8	72	18	33	10	−	−	61	2·41	118	·41	22	13	12	0	0	2	2	2	−	1	6·76	108	42
Dumfries	Dumfries.. ¶§	9 9 9	140	59·5	42·0	50·7	0·0	74	18	32	10,11	50·7	48·5	110	4·32	157	1·14	12	17	14	2	0	1	1	0	11	−	7·03	122	44
	Eskdalemuir ¶§	242424	794	57·2	37·1	47·1	−0·2	71	18	28	11	49·1	46·6	165	6·51	197	1·77	8	17	15	3	0	3	2	1	10	3	6·11	117	38
		18-7 −	—	57·6	38·1	47·9	+0·8																							
	Ruthwell.. ..	2121 9	67	60·5	40·9	50·7	−0·2	75	18	30	10,11	−	−	97	3·81	−	·94	12	15	12	1	0	0	1	−	−	0	6·92	126	43S
Kirkcudbright	Glenlee	9 9 9	181	59·7	40·5	50·1	−	71	18	31	2	−	−	137	5·41	−	1·12	12	15	14	1	1	0	2	0	2	0	−	−	−
Wigtown	Newton Stewart	9 9 9	75	58·8	39·8	49·3	−	71	18	30	11	−	−	95	3·74	−	·75	12	12	10	2	0	2	2	1	−	0	−	−	−
6b ISLE OF MAN																														
ISLE OF MAN																														
Isle of Man	Douglas	9 9 9	284	57·0	44·1	50·5	0·0	67	18	32	10	−	−	106	4·16	166	·96	8	13	11	1	1	1	0	0	0	0	8·66	133	54
	Point of Ayre ..	18-7 7	30	59·3	44·3	51·8	−	68	27	33	10	−	−	72	2·82	−	·76	8	13	9	1	1	1	0	0	−	1	8·50	−	53
2 ENGLAND, N.E.																														
ENGLAND AND WALES																														
Northumberland	Berwick-on-T. ..	9 9 9	76	56·6	43·1	49·9	+2·1	64	27,28	33	10,11	−	−	61	2·41	134	·39	8	15	12	2	0	1	0	1	4	1	7·01	131	43
	Bellingham ..	9 9 9	849	58·7	38·9	48·8	+0·5	69	17,18	29	10,11	−	−	123	4·84	200	·95	8	17	15	4	2	1	2	1	−	−	−	−	−
	Cockle Park ¶§	2121 9	325	58·7	41·8	50·3	+1·8	70	20	32	10	−	48·2	78	3·07	139	·67	7	19	13	1	0	1	1	2	6	0	6·74	124	42
	Ouston	18-7 7	426	58·4	41·4	49·9	−	69	17	32	2,10,11	−	−	81	3·20	−	·96	8	18	15	2	1	1	0	4	4	0	−	−	−
	Tynemouth ..	18-7 7	108	55·7	45·3	50·5	+1·5	66	12,27,28	35	11	−	−	66	2·62	132	·65	7	17	9	1	0	0	0	1	0	4	6·35	−	39
Durham	Chopwellwood ..	9 9 9	446	60·2	41·3	50·7	+1·6	71	18	32	10,11	−	−	69	2·72	128	·74	7	19	11	2	2	0	1	2	9	−	6·01	114	38
	Durham .. ¶§	2121 9	336	60·9	40·8	50·9	+1·5	72	17	30	4	−	−	58	2·30	119	·48	7	16	12	2	2	0	0	1	6	−	6·25	121	39
	Houghall.. ..	9 9 9	160	61·7	40·2	50·9	+2·0	72	18	27	4	−	−	62	2·43	−	·53	7	16	11	2	1	0	1	2	10	0	6·19	128	39
	Ushaw College ..	9 9 9	594	59·9	41·9	50·9	+1·4	71	18	32	2,10,11	−	−	66	2·61	121	·74	8	15	13	1	2	0	1	5	−	−	−	−	−
Yorks., N. Riding	Ampleforth ..	9 9 9	313	61·6	42·4	52·0	+1·3	73	17	31	11	−	−	77	3·01	−	·63	10	14	14	2	−	1	1	1	8	−	7·33	−	46
	Castleton ..	9 9 9	450	60·2	39·9	50·1	−	71	17	27	3	49·8	−	63	2·49	−	·64	7	15	12	1	1	0	0	1	−	−	−	−	−
	*Catterick..	18-7 7	175	60·2	41·5	50·9	−	72	17	32	2,4,10	−	−	65	2·55	−	·72	10	15	10	1	2	0	0	6	7	0	6·38	−	40
	Linton-on-Ouse ..	18-7 7	46	63·8	42·3	53·1	−	75	17	32	5	−	−	59	2·32	−	·35	10	14	11	1	1	0	0	1	2	0	−	−	−
	Redcar	9 9 9	25	58·6	43·3	50·9	−	69	13	34	11	−	−	42	1·66	−	·41	10	12	9	−	−	−	−	1	−	−	5·96	−	37
	Scarborough †¶§	9 9 9	118	59·5	45·9	52·7	+1·8	70	13	35	11	−	51·9	52	2·05	107	·38	7	13	10	1	0	0	0	1	1	−	7·93	140	50
	Thornaby ..	18-7 7	60	61·1	41·9	51·5	−	73	17	31	4,11	−	−	48	1·88	−	·53	10	13	10	2	0	0	0	5	4	0	−	−	−
	Whitby	9 9 9	148	58·4	43·5	50·9	−	69	13	32	3	−	−	57	2·24	−	·60	7	13	9	1	−	1	1	0	7	−	7·23	125	45
	York .. ¶§	9 9 9	57	63·5	43·9	53·7	+1·2	72	17	34	2,10,11	52·0	48·8	56	2·21	111	·56	9	14	10	1	0	1	1	−	−	−	8·12	160	51
Yorks., E. Riding	Bridlington ..	2121 9	76	59·6	43·7	51·7	+2·2	72	13	32	11	−	−	61	2·40	−	·47	29	15	9	0	0	0	1	1	−	−	7·57	129	48
	Driffield ..	18-7 7	65	61·4	48·0	52·2	−	71	13	33	11	−	−	74	2·92	−	·67	10	15	14	1	0	1	1	2	2	1	−	−	−
	Hull	2121 9	8	62·8	45·4	54·1	+2·2	74	13	35	11	54·3	49·4	60	2·36	122	·77	29	14	9	0	0	0	1	0	1	−	7·33	147	46
	Spurn Head ..	18-7 7	29	57·6	47·1	52·3	+1·8	71	13,14	39	5,11	−	−	55	2·17	121	·53	30	11	11	0	0	1	2	3	−	2	8·23	138	52
Lincoln	Boston—																													
	(Freiston Road)	2121 9	16	64·0	44·1	54·1	−	77	14	34	5	−	−	63	2·49	−	·57	30	12	9	0	0	1	1	0	2	−	−	−	−
	(North Sea Camp)	18-7 7	10	63·5	43·8	53·7	−	79	14	33	7	−	−	63	2·50	−	·57	10	12	9	0	0	0	1	0	−	−	8·93	−	57
	Cranwell .. ¶§	18-7 7	203	64·1	43·9	54·0	+2·7	75	14	35	5,11	54·0	50·6	63	2·47	136	·68	29	11	9	0	0	1	1	0	1	1	8·66	142	50
	Cleethorpes ..	9 9 9	23	60·3	45·6	52·9	+2·4	76	14	35	11	−	−	63	2·46	−	·90	29	12	9	−	0	0	1	0	−	−	8·34	153	53
	Skegness ..	9 9 9	15	59·6				77	14	34	11	−	−	54	2·11	124	·44	10	9	8	0	0	1	1	0	−	−	9·09	137	58

† At Scarborough the earth thermometer is at a depth of 3 ft.

¶§. S *See* Notes on Tables in Annual Summary.

* At Scorton from March 9th, 1943.

TABLE III (*continued*)—Summary of Observations of Temperature, Rainfall, Sunshine and Weather MAY, 1943

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES FAHRENHEIT								EARTH TEMPERATURE		RAINFALL					WEATHER Number of days								BRIGHT SUNSHINE		
				Means of		Mean of A and B	Difference from Average	Absolute Maximum and Minimum						Total Fall		Percentage of Average	Most in a day		Precip'n		Snow	Snow lying	Hail	Thunderstorm	Fog (Morn'g Obs.)	Ground Frost	Gale	Daily Mean	Percentage	
		Max. Min. Rain		A Max.	B Min.			Maximum	Date	Minimum	Date	1 ft	4 ft				Amount	Date	·01 in (0·2 mm) or more	·04 in (1·0 mm) or more								of Average	of Possible
		G.M.T.	ft	°F	°F	°F	°F	°F		°F		°F	°F	mm	in	%	in										· hr	%	%
8 ENGLAND, E.																													
Norfolk	Cromer	9 9 9	178	61·3	45·8	53·5	+1·6	77	14	35	11	–	–	41	1·62	97	·45	24	9	9	0	0	0	1	2	0	1	8·60	131	55
	Hunstanton ..	9 9 9	100		46·0			78	14	39	4,9	–	–	57	2·25	–	·46	29	9	9	1	0	0	2	0	–	–	8·82	147	56
	Norwich	9 9 9	110	65·9	45·3	55·6	+1·9	84	14	35	11,16	54·1	–	38	1·49	–	·33	24	9	9	0	0	0	5	–	2	–	9·56	138	57
	Sprowston ..	9 9 9	93	64·7	43·8	54·3	+3·0	82	14	33	16	–	–	41	1·60	–	·35	24	9	9	0	0	0	2	–	3	–	9·01	140	57
	Terrington ..	9 9 9	13	64·9	43·9	54·4	–	81	14	33	7	–	–	49	1·95	–	·74	24	8	8	0	0	1	2	0	1	–	9·28	–	59
	Yarmouth ¶§	18–7 7	5	59·3	48·3	53·8	+2·5	82	14	37	11	54·8	51·0	30	1·17	68	·47	1	7	7	0	0	0	0	1	0	2	9·19	128	59
Suffolk	Bungay (Flix'n)..	9 9 9	79	65·9	44·8	55·3	+2·6	84	14	34	16	–	–	23	·92	–	·30	24	7	6	0	0	0	0	0	1	–	–	–	–
	Felixstowe Airfield	18–7 7	10	62·6	47·7	55·1	+3·0	75	14,21	40	9,11	–	–	33	1·31	99	·35	24	9	7	0	0	2	1	0	0	1	9·32	125	60
	Ipswich, Belstead	9 9 9	125	64·9	45·0	54·9	–	84	14	35	11	53·3	51·1	32	1·26	–	·52	24	9	7	0	0	0	3	0	6	1	8·42	–	54
	Lowestoft ..	9 9 9	82	61·2	46·3	53·7	+2·8	75	14	35	11	56·9	52·7	30	1·17	73	·39	1	8	7	0	0	0	0	1	0	0	9·23	131	59
	Mildenhall ..	18–7 7	15	65·7	44·8	55·3	–	83	14	33	16	–	–	37	1·45	–	·40	30	10	9	0	0	0	2	0	2	1	9·01	–	57
	Stradishall ..	18–7 7	382	64·0	44·7	54·3	–	82	14	35	11	–	–	35	1·39	–	·30	24	10	9	0	0	0	3	1	1	1	–	–	–
Cambridge	Cambridge Gdns¶§	2121 9	41	65·5	44·8	55·1	+1·6	82	14	33	7	55·6	52·0	38	1·51	86	·54	24	11	11	0	0	0	2	0	3	0	8·07	127	52
Bedford	Dunstable ..	18–7 7	516	63·1	44·4	53·7	–	77	14	32	7,11	55·1	49·3	61	2·40	–	·53	24	12	9	0	0	0	2	1	3	0	8·15	–	52
	Luton	9 9 9	381	63·9	44·9	54·4	+2·7	79	14	36	7,11,16	53·9	50·1	58	2·29	–	·49	10	10	10	–	–	–	–	0	3	–	8·11	132	52
	Woburn	9 9 9	291	63·9	43·6	53·7	+1·2	77	14	35	11,16	56·1	50·8	56	2·20	113	·41	10,24	11	10	0	0	0	1	0	1	–	8·07	134	52
Hertford	Rothamsted ¶§	9 9 9	420	63·0	44·7	53·9	+1·4	79	14	33	11	54·1	–	61	2·38	125	·73	10	10	9	0	0	0	0	0	3	–	7·90	123	51
	St. Albans ..	9 9 9	272	64·5	44·1	54·3	+2·3	81	14	33	11	55·6	–	53	2·11	118	·50	10	10	10	–	–	0	0	0	3	–	–	–	–
Essex	Dovercourt ..	9 9 9	47	63·5	47·4	55·5	+3·0	77	14	37	11	–	–	38	1·51	–	·38	24	8	6	0	–	0	2	0	0	–	9·00	–	58
	Earls Colne ..	9 9 9	160	66·4	45·3	55·9	+3·0	84	14	35	11	54·8	51·4	34	1·33	–	·36	10	10	9	0	0	0	3	–	4	–	–	–	–
	Halstead ..	9 9 9	140	67·0	44·7	55·9	+1·8	84	14	34	11	–	–	26	1·04	–	·26	10	9	8	0	0	0	2	–	–	–	–	–	–
	Maldon	9 9 9	14	65·9	46·1	56·0	–	85	14	34	11	–	–	29	1·15	–	·30	10	9	9	0	–	0	2	0	–	–	9·17	–	59
	Shoeburyness ..	18–7 7	11	64·1	47·2	55·7	+3·1	85	14	38	11	–	–	45	1·76	135	107	1	10	6	0	0	0	1	1	0	1	8·52	118	55
	Walton-on-Naze	9 9 9	35		47·1					37	11	–	–				·44	24			–	–	–	2	0	–	8·64	123	55
	Writtle	9 9 9	105	65·5	44·5	55·0	–	83	14	35	7	–	–	51	2·02	–	·42	10	10	10	0	0	1	3	–	5	–	–	–	–
4 MIDLAND COUNTIES																													
Yorks., W. Riding	Askham Bryan	9 9 9	90	63·1	41·0	52·1	–	74	17	31	11	–	–	54	2·14	–	·63	9	12	9	1	0	1	0	0	6	–	7·36	–	46
	Bingley	9 9 9	610	61·2	41·1	51·1	–	71	17	32	10,11	–	–	62	2·43	–	·80	9	12	8	1	0	0	0	0	7	–	–	–	–
	Bradford ..	9 9 9	439	51·0	42·5	51·7	+0·8	69	19	30	10	51·5	47·9	55	2·17	107	·80	9	10	8	1	1	–	–	0	6	–	6·76	129	43
	Doncaster ..	9 9 9	25	(55·3)	41·4	(53·3)	–	–	–	33	5	–	–	45	1·79	–	·67	29	10	9	0	0	0	1	0	14	–	8·06	–	51
	Finningley ..	18–7 7	39	55·1	42·9	54·0	–	74	17	30	5	–	–	54	2·14	–	·71	29	12	9	0	0	0	1	1	–	–	–	–	–
	Harrogate ¶§	9 9 9	478	51·0	42·2	51·6	+0·7	72	17	32	10,11	50·9	49·6	52	2·06	94	·72	9	12	8	1	1	3	0	3	5	0	7·15	133	45
	Huddersfield ..	2121 9	325	52·3	41·3	51·8	+0·4	73	17	31	5	52·6	49·4	75	2·96	144	1·06	9	10	10	0	0	0	–	2	7	–	7·23	151	46
	„ (Oakes)	9 9 9	761	50·6	41·8	51·2	+1·7	72	17	32	10	53·2	48·5	82	3·24	139	1·12	9	12	11	3	0	3	1	0	7	0	–	–	–
	Ilkley	9 9 9	315	52·5	41·4	51·9	+1·9	75	17	31	11	–	–	75	2·96	–	·85	9	12	10	1	0	0	0	0	3	–	7·03	145	44
*	Meltham	9 9 9	585	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Pontefract ..	9 9 9	255	51·6	43·4	52·5	+1·9	72	13	31	5	–	–	51	2·00	105	·68	9	9	8	–	–	–	–	1	2	–	7·63	–	48
	Rotherham ..	7 7 7	284	52·8	41·4	52·1	–	72	17	30	5	53·3	–	50	1·97	–	·32	3,29	13	10	0	0	1	1	2	2	–	7·59	–	48
	Sheffield	9 9 9	428	52·2	45·0	53·6	+1·5	72	19	36	5,10	52·0	49·2	70	2·74	120	·65	9	13	10	0	0	2	1	0	–	2	7·19	140	46
	Wakefield ..	9 9 9	124	55·1	42·1	53·6	+1·3	72	17,28,30	31	5	53·5	49·7	56	2·19	111	·73	9	12	8	1	0	2	2	0	10	–	7·24	149	46
Derby	Belper (School) ..	9 9 9	198	64·0	43·2	53·6	+1·1	73	17,19	33	5	–	–	85	3·36	156	1·22	29	11	10	0	–	1	1	–	–	–	–	–	–
	Buxton ..	9 9 9	1007	58·7	40·2	49·5	+0·4	70	17	30	5	–	47·4	114	4·51	146	·88	9	13	11	2	0	1	2	0	1	–	7·49	137	47
Nottingham	Mansfield ..	9 9 9	357	63·8	43·4	53·6	+2·7	73	19	34	5	–	–	81	3·20	151	1·15	29	9	8	0	0	0	1	0	–	–	–	–	–
	Nottingham ¶§	9 9 9	192	64·3	45·3	54·8	+1·9	73	13	35	11	53·6	50·9	71	2·80	150	1·28	29	11	7	–	–	–	1	2	–	–	8·06	152	51
	Sutton Bonington	9 9 9	157	64·6	42·9	53·7	+2·0	74	19	33	11	53·3	–	77	3·01	171	1·43	29	9	8	0	0	0	1	–	5	–	7·84	152	50
Leicester	Leicester ..	9 9 9	325	65·0	43·3	54·1	–	76	14	35	2,11	51·3	–	74	2·90	–	·99	29	9	8	0	0	0	1	0	1	–	7·79	–	50
Northampton	Oundle	9 9 9	147	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Peterborough ..	9 9 9	46	65·8	44·9	55·3	–	80	14	36	11	–	–	48	1·88	–	·56	24	10	7	0	–	0	1	–	–	–	–	–	–
	Raunds	9 9 9	193	64·6	43·4	54·0	–	79	14	32	7	–	–	45	1·78	–	·65	24	12	10	0	0	0	1	0	3	0	–	–	–
Warwick	Birmingham ¶§	18–7 7	535	61·9	45·7	53·8	+2·4	73	19	35	11	50·1	48·7	102	4·01	187	1·06	29	14	9	0	0	0	1	4	4	0	6·83	124	43
	„ Sparkhill	7 7 7	425	65·0	43·9	54·5	+1·6	77	14	34	11	–	–	95	3·76	165	1·13	29	12	9	0	0	2	1	4	6	–	–	–	–
	Coventry	9 9 9	241	64·7	43·5	54·1	–	76	14	34	11	55·8	54·1	69	2·74	137	·48	29	11	10	0	0	0	2	0	–	–	7·03	127	45
	Honiley	18–7 7	427	62·8	44·5	53·7	–	74	14	34	11	–	–	75	2·93	–	·50	8	10	9	0	0	0	2	1	0	1	–	–	–
	Leamington Spa	9 9 9	163	64·0	45·5	54·7	+1·6	74	14,29	34	11	57·8	53·2	73	2·88	–	·51	22	10	10	0	0	0	2	0	4	–	7·72	133	49
	Rugby	2121 9	390	64·7	43·6	54·1	+1·8	76	14	31	7	–	–	71	2·78	142	·57	10	10	10	0	–	0	2	–	8	–	–	–	–
	Shipston on Stour	9 9 9	364	63·3	44·9	54·1	–	75	19	33	11	–	–	71	2·80	–	·47	24	11	10	0	0	0	2	0	–	–	7·92	–	51
	Stratford on Avon	9 9 9	153	65·4	42·8	54·1	–	77	19	31	7	–	–	72	2·83	–	·54	10	12	10	0	0	1	0	0	5	–	7·94	–	51
Oxford	Oxford .. ¶§	9 9 9	208	64·8	45·8	55·3	+1·4	77	14	35	7	56·0	52·5	57	2·26	121	·60	10	12	10	0	0	1	2	0	3	2	7·87	133	50
	Upper Heyford ..	18–7 7	408	62·9	44·8	53·9	–	76	14	32	1	–	–	65	2·57	–	·71	10	14	10	0	0	0	2	0	3	0	–	–	–
Stafford	Market Drayton	9 9 9	581	61·2	41·3	51·3	–	73	19	28	5	–	–	71	2·80	–	·77	9	12	9	1	0	1	1	0	8	–	7·41	–	47
	Mayfield	9 9 9	374	62·6	41·3	51·9	+1·2	73	17	29	5	–	–	85	3·34	151	·76	9	10	9	0	0	1	1	–	4	0	7·92	141	50
	Oaken	8 8 8	409	62·5	41·7	52·1	–	73	17,19,29	32	5	52·8	–	69	2·70	–	·58	10	13	8	0	0	0	1	1	9	–	–	–	–
	Walsall	9 9 9	455	62·5	43·2	52·9	–	74	29	34	11	–	–	83	3·27	–	·96	29	13	9	0	0	1	1	1	6	1	–	–	–
Shropshire	Newport	9 9 9	211	62·7	42·0	52·3	–	74	19	(29)	(5)	–	–	69	2·73	147	·64	9	15	8	0	0	0	1	0	8	–	7·09	–	45
	Oswestry	9 9 9	570	60·5	43·6	52·1	–	72	29	35	11	–	–	101	3·98	–	1·50	9	10	9	0	0	1	0	0	2	4	7·05	–	45
	Shrewsbury ..	9 9 9	184	63·2	43·5	53·3	+1·0	74	17,19	30	5	54·6	52·4	75	2·95	–	·87	9	12	10	0	0	2	2	0	6	1	6·88	–	44
	Tern Hill ..	18–7 7	270	61·9	43·8	52·9	–	74	19	32	5	–	–	75	2·94	–	·65	8	10	9	0	0	0	1	1	3	0	–	–	–

¶§. 8 *See* Notes on Tables in Annual Summary.

TABLE III (*continued*)—Summary of Observations of Temperature, Rainfall, Sunshine and Weather MAY, 1943

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation: Max.	Min.	Rain	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES FAHRENHEIT: Means of A Max.	B Min.	Mean of A and B	Difference from Average	Absolute Maximum and Minimum: Maximum	Date	Minimum	Date	Earth Temperature 1 ft	4 ft	RAINFALL: Total Fall mm	in	Percentage of Average	Most in a day: Amount in	Date	WEATHER Number of days: Precip'n 0·1in (0·2mm) or more	0·4in (1·0mm) or more	Snow	Snow lying	Hail	Thunderstorm	Fog (Morn'g Obs.)	Ground Frost	Gale	BRIGHT SUNSHINE: Daily Mean	Percentage: of Average	of Possible
		G.M.T.			ft	°F	°F	°F	°F	°F		°F		°F	°F	mm	in	%	in												hr	%	%
4 MID COUNTIES—*cont.*																																
Worcester	Droitwich ..	9	9	9	106	64·0	42·3	53·1	–	76	19	28	7	–	–	77	3·04	–	·91	29	11	10	0	0	1	2	1	–	–	7·72	–	50
	Malvern	9	9	9	380	63·3	46·2	54·7	+1·2	75	19,29	36	5,11	54·9	51·5	96	3·78	175	·96	29	12	9	0	0	0	1	0	0	–	8·15	128	52
	Prestwood ..	9	9	9	260	64·8	43·2	54·0	–	74	19,29	32	5	–	–	88	3·46	–	·82	29	12	10	0	0	1	1	1	9	–	–	–	–
	Worcester, P'well	9	9	9	94	65·3	43·7	54·5	+2·4	77	19	31	5	–	–	92	3·63	–	1·06	29	11	9	0	0	1	1	–	5	–	(7·82)	–	50
Hereford	Hereford ..	9	9	9	292	63·1	43·9	53·5	+0·8	74	19,29	34	5,6,11	–	–	95	3·74	171	1·03	9	12	10	–	–	–	–	0	1	–	–	–	–
	Ross-on-Wye ¶§	18	7	7	223	62·6	45·5	54·1	+1·4	75	29	33	5	54·9	51·9	86	3·37	158	·76	10	11	9	0	0	0	2	1	4	0	7·58	126	49
Gloucester	Cheltenham ..	2121	9		214	65·0	45·4	55·2	+1·3	75	13,19,30	33	7	56·5	54·0	65	2·58	139	·45	9	11	9	0	0	0	1	0	6	0	7·78	127	50
	Frampton Cotterell	9	9	9	158	65·0	44·2	54·6	–	78	29	33	11	55·1	52·1	71	2·81	–	·68	9	12	9	0	0	0	2	–	4	–	–	–	–
	Parkend	9	9	9	325	62·5	43·1	52·8	–	74	19,29	33	5,7	53·2	51·0	129	5·10	–	1·20	9	12	11	0	0	0	0	0	2	0	7·19	–	46
	Stonehouse ..	9	9	9	150	64·9	44·0	54·5	–	78	29	33	1,7,11	–	–	90	3·54	–	·69	9	11	10	0	0	0	3	0	4	–	–	–	–
5 ENGLAND, S.E.																																
London	City, Bunhill Row	—			—																									7·74	132	50
	Camden Square ..	9	9	9	110	67·2	48·4	57·8	+1·4	85	14	38	9	55·6	52·3	42	1·67	95	·42	10	10	9	–	–	0	2	–	0	–	–	–	–
	East Ham ..	9	9	9	15	66·6	48·0	57·3	+2·7	84	14	38	9	–	–	58	2·29	145	·66	24	11	10	–	–	–	–	–	–	–	–	–	–
	Enfield	9	9	9	87	65·3	46·4	55·9	+1·1	83	14	37	9,11	–	51·6	51	1·99	113	·64	24	9	9	0	0	0	2	0	–	–	7·50	118	48
	Greenwich ..	2424	9		149	66·0	47·2	56·6	+2·4	85	14	37	9	53·3	50·9	55	2·17	126	·43	24	10	9	0	0	0	5	0	4	0	7·84	124	41
		21	9	–	—	66·0	47·5	56·7																								
	Hampstead ..	9	9	9	450	64·3	45·4	54·9	+1·6	82	14	35	7, 9	–	–	45	1·79	–	·44	10	10	9	0	–	0	5	–	2	3	7·70	118	50
	Kensington ..	18	9	9	80	66·6	48·2	57·4	+2·3	83	14	38	7,9,11	56·3	52·9	53	2·07	119	·49	10	9	9	0	0	0	–	2	1	–	–	–	–
	Kingsway ..	—			—																									7·76	–	50
	Regent's Park ..	9	9	9	129	(66·4)	48·2	(57·3)	–	–	–	38	9	–	–	44	1·72	–	·44	10	9	9	0	0	0	4	0	1	–	7·80	125	50
	Kew ¶§	242424			18	64·0	48·2	56·1	+1·4	80	14	39	11	55·6	51·8	48	1·88	108	·68	10	8	7	0	0	0	2	0	5	0	7·30	114	47
	Observatory ..	18	7	–	—	64·1	48·3	56·2	+1·7																							
	Southgate ..	9	9	9	221	65·1	46·5	55·8	–	82	14	37	9,11	55·0	–	53	2·08	–	·62	24	11	9	0	0	0	0	0	2	0	8·10	–	52
	Tottenham ††¶§	2121	9		54	67·9	49·2	58·5	+3·0	85	14	38	9	–	52·2	40	1·59	96	·46	10	10	9	–	–	0	1	–	1	–	8·04	123	52
	Wealdstone ..	9	9	9	204	66·2	46·0	56·1	–	84	14	33	7	–	–	61	2·38	132	·77	24	13	10	0	0	0	3	0	3	1	8·13	–	52
	Westminster ..	9	9	9	27	66·3	48·9	57·6	+1·8	84	14	38	11	–	–	45	1·77	110	·49	10	9	9	0	–	0	2	–	0	–	7·66	124	40
Surrey	Addington ..	9	9	9	473	64·0	45·4	54·7	+1·6	82	14	36	7,9	–	–	73	2·87	–	·84	10	9	8	–	–	–	–	0	–	–	–	–	–
	Croydon	18	7	7	217	65·4	47·1	56·3	+2·8	85	14	37	7	–	–	66	2·62	142	·99	10	10	8	0	0	0	1	0	1	0	8·18	132	53
	Farnham ..	9	9	9	260	65·8	43·9	54·9	–	82	14	33	11	–	–	70	2·74	–	·69	10	10	9	0	0	0	2	–	–	–	–	–	–
	Milford	9	9	9	180	66·0	42·7	54·3	–	83	14	29	7	–	–	80	3·14	–	·90	10	11	9	0	0	1	0	0	3	–	8·14	–	53
	Wisley	9	9	9	150	65·6	45·0	55·3	+1·2	83	14	33	7	55·8	51·9	55	2·18	142	·56	10	10	9	0	0	0	3	0	5	2	7·66	119	49
Kent	Bromley	9	9	9	213	67·7	46·7	57·2	–	86	14	37	7,9,11	–	–	59	2·32	139	·71	10	9	8	0	0	1	0	0	1	–	–	–	–
	Canterbury ..	9	9	9	135	66·3	46·5	56·4	+2·1	85	14	38	16,17	55·5	52·7	58	2·27	–	·55	10	8	8	–	–	–	–	–	1	–	–	–	–
	Deal	9	9	9	18	63·2	47·8	55·5	+2·8	85	14	40	6,11,17	53·6	51·2	44	1·73	–	·77	10	9	7	0	0	0	1	0	3	–	8·40	118	54
	Dover	5	5	5	200	62·7	44·4	53·5	+0·2	82	14	35	17	–	–	36	1·40	84	·49	10	10	8	0	0	0	2	–	–	–	–	–	–
	Dungeness ..	18	7	7	20	60·5	48·5	54·5	+2·5	69	14	39	6,7	–	–	34	1·35	104	·37	24	9	8	0	0	0	1	–	2	–	–	–	–
	East Malling ..	9	9	9	132	65·1	44·4	54·7	+2·5	84	14	36	11,16	–	–	72	2·82	–	1·01	1	8	8	0	0	0	2	0	0	0	8·12	134	52
	Goudhurst ..	9	9	9	290	65·1	43·9	54·5	–	83	14	34	16	–	–	74	2·90	–	·85	10	12	9	0	0	0	1	0	3	–	–	–	–
	Lympne	18	7	7	283	62·2	46·5	54·3	+2·8	73	14,20	37	7	–	–	46	1·80	115	·56	10	10	9	0	0	0	2	0	2	1	8·90	* 123	57
	Manston	18	7	7	154	62·6	48·6	55·6	–	83	14	39	9,11	–	–	41	1·62	–	·44	1	9	8	0	0	1	1	0	0	1	8·52	–	55
	Ramsgate ..	9	9	9	80	60·9	49·3	55·1	+2·2	76	14	40	9,10	–	–	45	1·76	–	·42	10	8	8	0	0	0	1	0	–	–	8·07	109	52
	Tunbridge W. ..	9	9	9	351	65·9	45·1	55·5	+2·0	84	14	34	7	57·6	53·7	85	3·35	–	1·08	10	10	9	0	0	0	1	0	0	3	8·69	126	56
	Whitstable ..	9	9	9	9	63·6	48·2	55·9	–	84	14	39	17	–	–	63	2·48	–	·75	1	8	7	0	0	0	2	0	–	–	8·59	–	55
	Wye	9	9	9	164	64·1	46·4	55·3	+3·4	81	14	38	17	–	–	59	2·34	–	·50	10	10	9	0	0	0	0	–	1	–	8·05	125	52
	Margate	9	9	9	51	62·2	50·2	56·2	+2·6	84	14	40	9	56·5	53·2	38	1·48	94	·44	1	8	6	0	0	0	1	0	0	2	8·56	112	55
Sussex	Beachy Head ..	18	7	7	502	58·3	47·5	52·9	+2·4	73	14	38	7	–	–	56	2·22	–	·48	10	10	8	0	0	0	1	0	2	–	–	–	–
	Bexhill	9	9	9	12	61·2	48·7	54·9	+2·0	70	14	39	7	57·4	–	46	1·80	–	·42	10	10	9	0	0	0	1	0	0	–	–	–	–
	Bodiam	9	9	9	71	64·2	45·2	54·7	–	80	14	37	6,16,17	–	–	73	2·87	–	·90	10	10	10	0	0	0	1	2	7	–	8·29	–	54
	Bognor	9	9	9	24	60·9	47·7	54·3	+1·0	69	15,30	38	7	–	52·1	61	2·38	–	·72	24	10	9	0	0	0	0	0	–	–	8·42	113	55
	Hastings ¶§	2121	9		149	62·2	48·2	55·2	+1·7	74	14	40	7, 9	58·7	54·2	44	1·72	109	·40	10	10	8	0	0	1	1	0	0	1	9·00	119	58
	Horsham	9	9	9	350	66·5	42·7	54·6	–	83	14	30	7	53·6	–	91	3·59	–	·78	10	12	9	0	0	1	1	0	3	–	–	–	–
	Littlehampton ..	9	9	9	15	62·7	47·6	55·1	+1·8	71	19,30	38	7	–	54·0	71	2·79	–	1·05	24	8	8	0	0	2	0	0	–	–	8·62	119	56
	Patcham ..	9	9	9	200	64·4	45·5	54·9	–	79	14	35	11	55·6	–	57	2·26	–	·45	10	9	8	0	0	0	1	–	1	2	–	–	–
	Seaford	9	9	9	45	61·3	47·3	54·3	–	72	14	40	7	–	–	37	1·47	–	·32	24	7	7	0	0	0	0	0	–	–	–	–	–
	Thorney Is. ..	18	7	7	10	63·6	46·9	55·3	–	73	19,20	38	11	–	–	56	2·19	–	·76	24	10	8	0	0	0	0	0	2	1	–	–	–
	Worthing ..	9	9	9	25	62·2	48·2	55·2	+1·3	71	14	40	7,11	56·2	53·3	54	2·14	130	·55	24	8	8	0	0	0	0	0	0	–	8·96	120	58
Berkshire	Reading .. †	9	9	9	152	65·6	46·2	55·9	+1·8	81	14	35	7,11	55·6	52·2	52	2·05	–	·48	16	9	8	0	0	0	1	–	1	–	8·18	–	53
	Shinfield ..	9	9	9	200	65·3	44·6	54·9	+1·8	81	14	33	7,11	–	–	49	1·95	–	·47	7	9	9	0	0	0	0	–	4	–	–	–	–
Hampshire	Bournemouth ..	9	9	9	139	64·5	46·4	55·5	+1·6	78	14	38	11	54·7	52·9	61	2·38	135	·42	10	11	9	0	0	0	1	0	–	–	7·64	108	50
	Bramley	9	9	9	196	66·0	43·4	54·7	–	82	14	30	7	55·7	52·6	64	2·53	–	·57	10	10	8	0	0	0	1	0	2	–	–	–	–
	Leckford ..	9	9	9	385	63·0	45·0	54·0	–	78	14	35	7	54·3	–	87	3·44	–	·89	10	10	8	0	0	0	2	0	–	–	8·12	–	52
	Long Sutton ..	9	9	9	479	65·2	42·9	54·1	+1·8	81	14	33	7,11	–	–	84	3·32	–	·83	10	10	9	0	0	0	1	0	(0)	–	8·20	133	53
	Portsmouth ..	9	9	9	15																											
	Southampton ¶§	2121	9		64	64·6	46·6	55·6	+0·7	73	28	35	7	–	–	89	3·50	175	·82	7	13	10	0	0	0	2	0	0	3	8·00	118	52
	S. Farnboro' ..	18	7	7	226	65·2	46·0	55·6	+2·4	82	14	31	7	–	–	69	2·72	155	·76	10	11	9	0	0	0	2	1	4	0	8·34	125	54
I. of Wight	*Newport	9	9	9	48	–	–	–	–	–	–	–	–	54·0	51·0	57	2·25	–	·45	24	10	9	0	0	0	0	0	1	–	8·38	–	54
	Ryde	9	9	9	13	63·3	48·7	56·0	+1·7	77	14	40	7,11	–	–	60	2·35	–	·54	10	11	9	0	0	0	0	0	–	0	8·43	117	55
	St. Catherine's Pt.	18	7	7	150	60·0	48·3	54·1	–	74	14	40	11	–	–	57	2·26	–	·54	24	11	8	0	0	0	1	–	0	–	–	–	–
	Sandown ..	9	9	9	13	62·3	48·4	55·3	+1·0	73	14	39	7	–	–	53	2·07	–	·48	10	11	8	0	0	0	0	0	–	–	8·44	119	55
	Totland Bay ..	9	9	9	140	61·7	46·9	54·3	+1·0	74	14	39	11	–	–	64	2·51	145	·71	24	10	9	0	0	0	1	0	0	3	8·25	115	54
	Ventnor(Hospital)	9	9	9	60	61·8	49·1	55·5	+1·4	73	14	41	11	–	–	53	2·07	122	·38	23	12	8	0	0	0	0	–	–	1	8·34	116	54
Wiltshire	Amesbury ..	18	7	7	417	63·1	44·1	53·6	–	78	14	34	7	–	–	70	2·75	–	·72	10	11	9	0	0	0	1	1	1	1	7·76	–	50
	Larkhill	9	9	9	440	62·3	44·3	53·3	+1·6	74	14	35	11	–	–	62	2·43	140	·54	9	9	8	0	0	0	0	0	1	1	–	–	–
	Marlboro' ¶§	9	9	9	424	63·4	42·0	52·7	+0·8	75	14,19,29	29	7	53·9	51·0	71	2·80	141	·84	10	12	9	0	0	0	0	4	3	0	7·56	130	49
	Porton	9	9	9	363	63·2	43·7	53·5	+2·0	76	14	33	7	54·2	–	66	2·60	151	·55	24	12	9	0	0	0	1	0	3	1	7·72	128	50

¶§, S *See* Notes on Tables in Annual Summary. †† Tottenham is used as a "district value" station for England, E., and not for England, S.E. † Sunshine recorder is at Seed Trial Grounds.

* Sunshine recorder and earth thermometers at Staplers.

TABLE III (*continued*)—Summary of Observations of Temperature, Rainfall, Sunshine and Weather MAY, 1943

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation: Max. Min. Rain	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES FAHRENHEIT: Means of: A Max.	B Min.	Mean of A and B	Difference from Average	Absolute Maximum and Minimum: Maximum	Date	Minimum	Date	Earth Temperature: 1 ft	4 ft	RAINFALL: Total Fall		Percentage of Average	Most in a day: Amount	Date	WEATHER Number of days: Precip'n ·01in (0·2 mm) or more	Precip'n ·04in (1·0 mm) or more	Snow	Snow lying	Hail	Thunderstorm	Fog (Morn'g Obs.)	Ground Frost	Gale	BRIGHT SUNSHINE: Daily Mean	Percentage: of Average	of Possible
		G.M.T.	ft	°F	°F	°F	°F	°F		°F		°F	°F	mm	in	%	in											hr	%	%
7a ENGLAND, N.W.																														
Cumberland	Keswick	9 9 9	254	59·9	41·7	50·8	-0·4	73	18	32	10	52·1	48·4	131	5·14	161	1·37	12	15	15	5	1	1	0	0	5	0	6·54	117	41
	Newton Rigg ¶§	2121 9	560	59·3	40·9	50·1	0·0	73	18	31	2	–	–	90	3·53	156	·51	7	14	13	2	2	0	2	0	1	0	7·05	121	44
Westmorland	Ambleside ..	9 9 9	145	61·0	41·7	51·3	–	75	18	28	11	–	–	181	7·14	–	1·10	7	15	13	1	1	0	0	0	–	–	6·73	–	42
	Appleby	9 9 9	440	60·0	40·1	50·1	+0·4	73	18	28	11	–	–	97	3·82	174	·57	22	16	13	2	0	1	1	–	–	–	–	–	–
Lancashire	Blackpool ..	9 9 9	65	59·6	44·2	51·9	+0·2	73	29	32	10	55·2	51·6	91	3·59	165	·76	9	14	11	1	1	1	1	0	2	–	7·96	125	50
	Bolton	9 9 9	342	61·5	42·1	51·8	-0·1	72	19	31	10	51·8	48·7	83	3·27	122	1·08	9	10	10	1	0	1	1	–	1	–	7·33	156	46
	Burnley	9 9 9	458	60·3	40·8	50·5	0·0	73	19	32	5	52·2	48·8	73	2·89	–	·83	9	14	10	1	0	2	0	0	16	–	–	–	–
	Darwen	2121 9	724																											
	Fleetwood ..	9 9 9	21	60·2	44·5	52·3	–	72	19	32	10	–	–	87	3·43	–	·75	9	16	12	1	0	0	2	1	1	1	7·43	–	47
	Hutton	9 9 9	82	61·0	42·5	51·7	+0·4	73	29	31	4	53·3	50·2	83	3·27	–	·91	9	14	12	0	0	2	2	–	5	1	7·13	123	45
	Leyland	9 9 9	125	60·9	42·3	51·6	+0·4	72	29	31	4	–	–	71	2·78	126	·80	9	13	12	1	0	1	2	0	4	–	–	–	–
	Manchester (Burnage) ..	9 9 9	147	62·2	43·3	52·7	–	73	19	33	5	–	–	56	2·20	–	·68	9	12	9	0	0	0	1	0	–	–	7·08	–	45
	(Whitworth Pk.)	2121 9	125	62·8	44·8	53·8	+0·7	75	19,20	35	11	51·5	49·7	60	2·38	112	·73	9	12	10	0	0	1	0	1	10	1	6·38	134	40
	Morecambe ..	9 9 9	23	59·6	45·6	52·6	0·0	73	19	33	10	–	–	103	4·05	177	1·08	9	13	13	1	0	0	1	0	–	0	7·83	119	49
	Nelson	9 9 9	540																											
	Southport (Bedford Rd.Pk.) ¶§	9 9 9	35	60·5	43·5	52·0	+0·3	74	29	32	4,10	52·6	51·6	97	3·83	183	1·27	9	13	11	1	0	2	3	0	3	1	7·72	120	49
	Stonyhurst ¶§	9 9 9	377	59·7	43·2	51·5	+0·4	70	18,19	33	10	–	–	71	2·81	99	·85	9	12	11	1	0	3	1	0	8	0	7·51	134	47
Cheshire	Bidston Obs'y ..	9 9 9	198	59·1	46·2	52·7	+0·5	72	19,29	34	10	–	–	53	2·11	111	·77	9	11	9	–	–	–	–	0	0	–	6·90	110	44
	Hoylake	9 9 9	22	60·7	43·5	52·1	-0·4	73	18	30	4	–	–	51	2·01	106	·71	9	12	10	0	0	1	1	–	3	–	7·37	119	47
	Macclesfield ..	9 9 9	500	61·6	43·3	52·5	+1·0	73	19,29	34	5,11	–	–	63	2·46	104	·58	9	12	9	0	0	2	2	0	–	–	–	–	–
	Manchester (Ringway) ..	18-7 7	235	61·7	42·5	52·1	–	73	19	30	5	–	–	53	2·10	–	·61	9	12	10	0	0	0	1	1	9	1	–	–	–
	Warburton ..	9 9 9	68	62·2	41·5	51·9	–	73	29	29	5	–	–	57	2·23	–	·81	9	11	9	0	0	0	1	0	12	–	7·35	–	47
	West Kirby ..	9 9 9	25	61·0	44·1	52·5	+0·6	74	29	32	4	–	–	59	2·33	123	·80	9	12	11	1	0	4	2	0	3	–	7·26	117	46
7b NORTH WALES																														
Flint	Hawarden B'dge	9 9 9	17	62·9	44·0	53·5	+0·6	74	29	32	5	–	–	59	2·34	–	·85	9	12	8	0	0	0	1	0	–	–	–	–	–
	Prestatyn ..	9 9 9	18	60·5	45·0	52·7	–	72	18,19,29	34	4	–	–	51	1·99	–	·76	9	11	7	0	0	0	0	0	–	–	7·27	–	46
	Rhyl	9 9 9	31	59·8	44·5	52·1	-0·1	74	29	33	4	–	–	48	1·90	107	·76	9	11	8	0	0	1	0	0	3	1	7·25	110	46
	Sealand .. ¶§	18-7 7	16	61·7	44·0	52·9	+1·4	74	29	32	5	52·9	50·9	61	2·40	131	·65	9	13	8	0	0	0	1	0	9	0	7·25	135	46
Anglesey	Holyhead ¶§	7 7 7	26	57·5	45·6	51·5	+0·8	71	18	34	10	–	–	82	3·23	165	·80	9	11	11	–	–	–	–	–	0	–	7·65	117	48
	Holyhead (Valley)	18-7 7	32	58·4	44·7	51·5	–	76	19	32	10	–	–	79	3·12	–	·78	9	14	10	1	0	0	2	1	1	3	–	–	–
Denbigh	Colwyn Bay ..	9 9 9	118	59·3	44·6	51·9	-0·8	73	18,19	34	10	–	–	61	2·42	–	·73	9	11	10	0	0	0	1	0	–	–	6·95	106	44
Carnarvon	Aber	9 9 9	60	59·6	45·2	52·4	+0·9	74	18,29	36	10	–	–	109	4·28	–	1·19	9	11	10	0	0	3	1	0	0	0	6·85	116	43
	Llandudno ..	9 9 9	13	59·4	45·7	52·5	+0·1	74	18	35	10	–	–	58	2·30	129	·74	9	11	9	0	0	2	1	0	1	1	6·65	102	42
Montgomery	Lake Vyrnwy ..	9 9 9	750	58·9	41·6	50·3	–	71	18	33	11	–	–	145	5·72	–	1·43	9	13	11	1	0	0	1	0	3	–	–	–	–
	Welshpool ..	9 9 9	254	62·3	41·2	51·7	-0·6	74	29	27	5	–	–	79	3·11	141	1·13	9	12	9	0	0	0	0	1	–	–	–	–	–
8a SOUTH WALES																														
Cardigan	Aberporth ..	18-7 7	376	57·3	45·4	51·3	–	75	29	36	5,11	–	–	83	3·29	–	·93	9	12	10	0	0	0	1	0	1	0	7·53	–	48
	Aberystwyth ..	9 9 9	12	59·0	47·5	53·3	+1·0	75	29	42	10,16	–	–	71	2·78	–	·94	9	11	10	0	0	0	1	1	–	–	6·95	116	44
	„ Llety-evan-hen	9 9 9	950	56·5	43·8	50·1	–	72	29	36	9,11	–	–	81	3·17	–	·80	9	11	11	0	0	0	0	–	3	–	6·68	–	43
	„ P.B.S.†	9 9 9	452	57·9	45·5	51·7	+0·8	73	29	39	2,5,9	–	–	91	3·57	–	1·12	9	14	10	0	0	1	0	1	1	0	6·73	116	43
Pembroke	Haverfordwest ..	2121 9	127	59·7	45·3	52·5	+1·0	72	29	32	11	–	–	115	4·53	–	1·30	9	13	11	0	0	1	0	0	–	–	7·42	114	48
	St. Ann's Hd. ¶§	18-7 7	142	56·3	47·3	51·8	+0·9	65	29	40	11	–	–	90	3·53	176	·76	9	12	12	0	0	0	0	3	–	4	6·77	106	43
	Tenby	9 9 9	64	60·1	47·1	53·6	+0·9	71	17	34	11	–	–	104	4·10	–	1·17	9	11	9	0	0	1	0	0	(1)	–	7·53	116	49
Radnor	Rhayader ¶§	9 9 9	757	59·7	41·4	50·5	+0·8	71	17,29	30	5	–	–	101	3·97	136	1·24	9	13	11	0	0	0	1	0	17	0	6·44	118	41
Brecknock	Cantref	9 9 9	1080	57·7	41·8	49·7	–	70	29	31	11	–	–	159	6·25	–	1·26	9	15	11	0	0	0	1	1	–	–	7·04	–	45
	Crickhowell ..	9 9 9	230	62·9	43·5	53·2	–	73	29	29	11	–	–	131	5·17	–	1·90	9	12	11	0	0	2	1	0	10	–	–	–	–
Glamorgan	Cardiff	2121 9	203	62·6	45·7	54·1	+1·1	75	19,29	35	11	55·0	51·4	107	4·22	172	1·24	9	11	10	0	0	0	0	0	0	0	7·53	116	49
	St. Athan ..	18-7 7	145	60·8	45·7	53·3	–	73	29	32	11	–	–								0	0	0	1	0	3	0	–	–	–
	Swansea	9 9 9	32	61·4	48·3	54·9	+0·6	74	29	37	11	57·0	54·6	93	3·65	–	1·16	9	13	12	0	0	1	0	0	1	–	7·13	117	46
8b ENGLAND, S.W.																														
Monmouth	Newport ..	9 9 9	265	64·2	45·8	55·0	+1·7	76	29	35	11	55·8	53·8	114	4·50	–	1·42	9	13	11	–	–	–	–	1	–	–	7·88	–	51
	Usk	9 9 9	70	64·2	44·2	54·2	+2·5	77	29	31	7,11	61·2	–	151	5·96	–	1·90	9	12	12	0	0	0	1	4	3	1	7·13	141	46
Somerset	Bath .. ¶§	9 9 9	67	63·0	45·8	54·4	+0·3	75	19,29	32	11	55·0	52·1	67	2·64	135	·50	8	9	8	0	0	0	2	0	–	2	7·46	122	48
	Bristol (Airport) ..	18-7 7	209	62·5	44·5	53·5	–	75	29	34	11	–	–	74	2·91	–	·83	10	11	9	0	0	0	1	1	6	0	7·76	–	50
	Cannington ..	9 9 9	95	62·9	46·0	54·5	–	75	29	36	11	–	–	69	2·72	–	·77	9	14	9	0	0	1	0	0	2	0	6·89	–	44
	Long Ashton ..	9 9 9	162	63·1	44·3	53·7	+0·9	76	29	32	11	–	–	72	2·84	182	·55	9	13	9	0	0	1	2	0	4	–	7·69	125	50
	Weston-s.-Mare ..	9 9 9	28	62·6	47·3	54·9	–	76	19,29	37	5	–	–	57	2·23	121	·47	23	12	8	0	0	0	0	0	1	–	7·07	118	46

¶§, § *See* Notes on Tables in Annual Summary. † Plant Breeding Station.

TABLE III (*continued*)—Summary of Observations of Temperature, Rainfall, Sunshine and Weather MAY, 1943

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation: Max. Min. Rain	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES FAHRENHEIT: Means of A Max.	Means of B Min.	Mean of A and B	Difference from Average	Absolute Maximum and Minimum: Maximum	Date	Minimum	Date	Earth Temperature 1 ft	4 ft	RAINFALL: Total Fall mm	Total Fall in	Percentage of Average	Most in a day: Amount	Most in a day: Date	WEATHER Number of days: Precip'n 0·01in (0·2mm) or more	Precip'n 0·04in (1·0mm) or more	Snow	Snow lying	Hail	Thunderstorm	Fog (Morn'g Obs.)	Ground Frost	Gale	BRIGHT SUNSHINE: Daily Mean	Percentage: of Average	Percentage: of Possible
		G.M.T.	ft	°F	°F	°F	°F	°F		°F		°F	°F	mm	in	%	in											hr	%	%
8b ENGLAND, S.W.—*cont.*																														
Dorset	Holton Heath ..	9 9 9	64	63·3	45·1	54·2	+1·5	76	14	35	7,11	57·2	54·7	68	2·69	–	·71	10	10	9	0	0	0	1	0	2	4	7·87	118	51
	Poole	9 9 9	18	64·6	45·7	55·1	–	80	14	34	7	–	–	58	2·29	–	·79	10	11	10	0	0	0	0	0	–	–	7·62	–	49
	Portland Bill ..	18–7 7	32	56·7	48·9	52·8	+0·9	67	15	43	11	–	–	43	1·71	121	·42	10	9	7	0	0	0	0	0	–	0	–	–	–
	Shaftesbury ..	9 9 9	722	60·8	44·1	52·5	–	74	19	34	7	–	–	63	2·50	–	·56	10	11	9	0	0	0	0	–	–	–	–	–	–
	Swanage	9 9 9	14	60·6	47·2	53·9	–	77	14	37	11	–	–	54	2·12	–	·55	10	11	10	0	0	0	1	0	0	–	8·42	–	55
	Weymouth ..	9 9 9	16	61·6	47·6	54·6	+0·5	67	30	39	11	–	–	61	2·41	148	·55	9	11	8	0	0	0	0	0	–	–	7·96	119	52
Devon	Barnstaple ..	9 9 9	25	62·5	45·9	54·2	+0·7	74	29	34	5	–	–	77	3·02	146	·67	9	13	10	–	–	–	–	0	0	–	–	–	–
	Cullompton ¶§	9 9 9	202	65·5	44·9	55·2	+1·1	76	28,29	33	7	57·4	–	63	2·48	115	·50	7	12	8	0	0	0	0	1	–	6·55	103	43
	Dawlish	9 9 9	17	62·5	46·7	54·6	–	72	14	39	11	–	–	82	3·24	–	·74	7	10	8	–	–	–	–	0	0	–	7·32	–	48
	Exmouth ..	9 9 9	195	60·1	46·2	53·1	0·0	66	26,27,30	39	5	–	–	77	3·03	–	·70	9	12	11	0	0	0	0	0	–	3	7·37	118	48
	Hartland Pt. ..	18–7 7	299	56·6	48·7	52·7	–	73	29	40	9	–	–	63	2·47	–	·50	9	13	10	0	0	0	0	3	0	2	6·90	–	45
	Ilfracombe ..	9 9 9	25	59·6	48·3	53·9	+0·6	75	29	40	11	57·8	55·5	90	3·54	179	·96	9	12	10	0	0	0	0	0	0	–	7·62	119	49
	Killerton ..	9 9 9	159		44·4			72	14,28	35	7,11	–	–	64	2·52	–	·56	24	8	8	–	–	–	–	0	7	–	–	–	–
	*Newton Abbot ..	9 9 9	375	61·7	45·5	53·6	+0·9	71	14,28	37	11	–	–	126	4·97	256	1·20	9	14	11	0	0	0	1	0	1	–	6·52	116	42
	Plymouth (Hoe)	2121 9	117	61·8	48·3	55·1	+1·6	74	29	38	7	53·9	52·3	89	3·50	174	·54	7,23	15	10	0	0	0	4	1	0	2	7·09	108	46
	Plymouth (Mount Batten) ..	18–7 7	86	60·0	47·4	53·7	+1·1	72	29	36	7	–	–	93	3·67	–	·76	10	13	8	0	0	1	4	2	4	4	7·32	116	48
	Princetown ..	9 9 9	1359	56·8	42·4	49·6	+0·1	69	14	34	9	–	–	212	8·34	195	1·55	7	15	14	1	0	2	1	7	0	–	–	–	–
	Seaton	9 9 9	43	61·2	46·3	53·7	–	71	14	37	11	–	–	47	1·84	–	·43	9	10	8	0	0	0	1	2	0	–	–	–	–
	Sidmouth ..	9 9 9	25	61·3	47·0	54·1	+1·4	71	14	37	7	–	–	49	1·92	–	·57	9	6	5	0	0	0	0	0	1	–	7·06	–	46
	Tavistock ..	9 9 9	457	63·3	(41·8)	(52·5)	(–0·2)	71	30	33	8	–	54·7	135	5·31	202	·96	7	13	12	0	0	0	0	1	3	3	–	–	–
	Teignmouth ..	9 9 9	20	61·5	47·5	54·5	+0·5	71	14	40	7	–	–	81	3·19	174	·71	9	13	8	0	0	0	0	0	0	–	7·35	111	48
	Torquay	9 9 9	27	61·3	47·6	54·5	+0·1	69	13,14,30	38	7	–	54·0	88	3·48	184	·84	9	13	10	0	0	1	0	0	1	1	7·27	105	47
	Totnes	9 9 9	100	61·8	44·3	53·1	–	73	13	35	5,7,17	52·6	–	124	4·89	–	1·16	9	14	11	0	0	1	0	–	5	1	–	–	–
Cornwall	Bude	9 9 9	50	60·3	45·1	52·7	0·0	76	29	32	9	–	–	73	2·89	157	·77	10	18	8	0	0	1	0	1	–	–	7·44	116	48
	Ellbridge.. ..	9 9 9	200	61·6	46·5	54·1	–	73	29	38	5	–	–	135	5·31	–	1·05	9	13	12	0	0	1	1	1	2	–	6·92	–	45
	Falmouth Obs. ¶§	9 9 9	167	60·8	48·9	54·9	+1·7	68	13,14,15	39	11	56·9	55·0	117	4·62	209	·91	31	13	10	0	0	1	0	0	0	–	7·04	105	46
	Fowey	9 9 9	51	62·6	47·9	55·3	+1·6	70	15	40	11	–	–	105	4·13	–	·78	31	17	14	0	0	1	1	8	–	–	6·90	110	45
	Gulval	9 9 9	20	59·3	48·1	53·7	+1·0	65	28,29	38	11	–	–	86	3·37	–	·64	9	14	11	0	0	0	0	0	1	–	7·38	117	48
	The Lizard ..	18–7 7	240	58·2	48·2	53·2	–	65	14,15	41	4,9	–	–	83	3·26	–	·87	31	16	11	0	0	0	0	6	–	3	7·91	–	52
	Newquay ..	9 9 9	182	58·9	48·3	53·6	+1·2	69	29	39	11	54·3	52·1	78	3·08	188	·61	9	15	9	0	0	2	0	0	–	2	6·64	100	43
	Penzance ..	9 9 9	55	60·5	48·5	54·5	+0·3	68	29	40	11	–	–	87	3·42	155	·55	31	15	10	0	0	0	0	0	–	–	6·81	105	45
	Tintagel	9 9 9	280																											
NORTHERN IRELAND																														
Londonderry	Castlerock ..	7 7 7	57	58·0	44·3	51·1	–	72	18	33	10	–	–	87·4	3·44	–	·56	8	16	14	1	0	3	1	0	0	1	–	–	–
	Garvagh .. ¶ (Moneydig)	7 7 7	121	59·5	41·2	50·3	+0·2	72	18	31	10	–	–	88	3·47	136	·72	8	17	16	3	0	1	1	0	15	–	–	–	–
Antrim	Aldergrove ¶§	18–7 7	268	58·6	42·4	50·5	+0·2	69	17	32	10	–	–	93	3·65	161	·77	7	20	15	1	0	2	2	0	6	0	7·55	125	47
Down	Ballyhalbert ††	9 9 9	34	58·1	44·0	51·1	–	67	26	33	10	–	–	70	2·76	–	·81	7	15	11	2	0	2	1	0	2	2	7·16	–	45
	Hillsborough §	9 9 9	388	57·3	42·1	49·7	–	67	17	31	10	52·0	–	93	3·68	–	1·43	7	16	12	2	0	1	1	0	7	0	7·07	122	44
Armagh	Armagh .. ¶§	2121 9	205	60·2	42·4	51·3	+0·2	72	17	31	10	54·4	50·7	86	3·38	142	1·09	7	20	15	3	0	3	1	0	1	0	7·01	131	44
Scilly	St. Mary's	18–7 7	163	58·1	49·3	53·7	+1·4	64	21,28,29	44	9	–	–	55	2·18	131	·43	31	16	12	0	0	0	0	1	–	1	7·19	108	47
GIBRALTAR		18–7 7	400	71·5	60·6	66·1	+0·6	82	24,31	51	7	–	–	11	·41	–	·13	1	5	4	0	0	0	0	1	0	0	10·85	–	78
MALTA		18–7 7	231	71·9	61·2	66·5	+0·8	82	4	55	19	–	–	45	1·78	45	1·04	18	4	3	0	0	0	4	0	–	0	9·74	102	70

¶§, § *See* Notes on Tables in Annual Summary. †† Sunshine recorder is at Mount Stewart. * Seale-Hayne College.

TABLE III (*a*)—SKY OBSERVATIONS, MAY, 1943

WEATHER DIARY ROYAL OBSERVATORY, GREENWICH	Number	NIGHT SKY RECORDER**	GREENWICH	PORTON
Persistently overcast days	0	Recorder in operation on	30 nights	22 nights
,, cloudless ,,	0	Average exposure (hours)	5·63	5·4
,, foggy ,,	0	Polaris unobscured (per cent.)	56	57
		δ Ursæ Minoris (ditto)	53	52

** *See* Meteorological Magazine, May, 1920, p. 70.

TABLE III (*b*)—SOLAR RADIATION

DIRECT SOLAR RADIATION KEW OBSERVATORY

	Cal./cm.²/diem.
Max. (on 19th)	733
Mean	330·5

TABLE IV—Summary of Observations at fixed hours MAY, 1943

DISTRICT, COUNTY AND PLACE			Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE: At Mean Sea Level	MEAN PRESSURE: Difference from Average	TEMPERATURE AND HUMIDITY: Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	CLOUD AMOUNT: Mean Amount	CLOUD AMOUNT: No. of Observations: 0	1 to 3	4 to 6	7 to 9	10
			G.M.T.	ft	mb	mb	°F	°F	mb	%						
0 SCOTLAND, N.																
			1	23	1013·6	–	45·7	1·0	9·6	92	7·0	0	7	3	7	14
			7	23	1013·1	−0·5	46·8	1·2	9·8	91	8·4	0	2	4	13	12
Shetlands	Sumburgh (Links)	..	13	23	1013·4	–	48·7	1·8	10·2	86	8·1	0	2	5	13	11
			18	23	1013·5	–	48·3	1·6	10·1	88	7·5	1	3	5	14	8
			1	27	1014·8	–	47·2	1·8	9·7	86	6·3	0	9	7	5	10
			7	27	1014·4	–	48·0	2·0	9·7	84	8·0	0	3	3	13	12
Hebrides	Benbecula	..	13	27	1014·7	–	51·7	3·6	10·0	76	7·3	1	3	6	13	8
			18	27	1014·8	–	50·7	3·3	9·8	77	7·5	1	3	4	16	7
			1	83	1014·8	–	45·6	1·4	9·4	89	7·0	1	5	4	11	10
			7	83	1013·9	+0·7	47·3	1·8	9·7	86	7·9	0	3	4	15	9
	Stornoway	..	13	83	1014·0	–	51·9	3·3	10·3	78	7·6	1	1	6	16	7
			18	83	1014·4	–	50·4	2·9	10·1	80	7·5	1	1	8	14	7
			1	117	1014·7	–	44·4	1·4	8·8	88	6·8	0	8	5	8	10
			7	117	1014·4	+0·8	46·6	2·0	9·2	84	7·9	0	3	5	14	9
Caithness	Wick	.. ..	13	117	1014·7	–	50·7	3·4	96	77	8·7	0	0	3	19	9
			18	117	1014·5	–	48·8	2·6	9·4	80	8·0	1	2	2	18	8
			1	371	1013·7	–	45·9	1·2	9·5	91	8·9	0	0	2	20	9
			7	371	1013·1	–	46·4	1·2	9·7	91	9·1	0	0	1	21	9
Sutherland	Cape Wrath	..	13	371	1013·4	–	48·5	1·8	10·1	86	9·1	0	0	1	22	8
			18	371	1013·5	–	47·9	1·8	9·9	86	8·8	0	0	3	21	7
			1	19	1015·7	–	45·3	2·1	8·7	83	6·7	0	8	4	11	8
			7	19	1015·3	–	47·1	2·4	9·1	82	7·6	0	2	7	12	10
Ross and Cromarty	*Invergordon	..	13	19	1015·0	–	54·7	6·1	9·1	62	7·8	0	1	6	18	6
			18	19	1014·8	–	53·4	5·4	9·2	66	7·3	1	2	7	14	7
			7	1180	972·8	–	44·1	2·3	8·0	81	7·6	0	4	4	13	10
Inverness	Dalwhinnie	†	13	1180	972·6	–	51·9	5·5	8·3	63	7·7	0	4	3	15	9
			18	1180	972·5	–	49·8	4·6	8·2	68	7·9	1	2	3	17	8
1 SCOTLAND, E.																
			1	24	1015·1	–	45·3	1·6	9·1	87	6·8	0	8	4	10	9
			7	24	1014·9	–	48·1	2·7	9·3	80	7·3	0	5	5	10	11
Moray	Lossiemouth	..	13	24	1014·6	–	54·4	5·6	9·5	66	7·9	0	0	7	19	5
			18	24	1014·3	–	52·3	4·0	9·9	73	6·9	1	6	4	12	8
			7	85	1015·4	+1·1	48·3	3·0	8·9	78	7·4	0	6	4	8	13
			13	85	1015·2	–	52·2	4·5	9·2	72	7·7	0	3	6	11	11
Aberdeen	Aberdeen	H	18	85	1014·8	–	51·4	4·0	9·4	74	7·1	0	7	3	13	8
			21	85	1015·3	–	48·4	2·5	9·5	82	6·1	0	11	2	6	12
			h.*	85	1015·2	+0·8	49·2	3·3	9·3	78						
	Braemar	..‡	9	1108	1016·9	+2·9	48·0	3·5	8·4	73	7·4	1	5	4	8	13
			1	237	1015·6	–	43·9	1·4	8·6	88	7·0	1	5	5	8	12
			7	237	1015·5	–	47·0	2·4	8·9	81	7·7	0	6	1	12	12
	Dyce	..	13	237	1015·1	–	52·4	4·0	9·7	72	8·0	0	3	3	16	9
			18	237	1014·5	–	51·3	3·8	9·5	74	7·4	0	3	8	12	8
			1	22	1016·0	–	45·5	1·3	9·5	90	6·3	0	10	4	8	9
			7	22	1015·9	–	47·8	2·1	9·6	84	7·3	0	7	3	14	7
Angus	Montrose (Airf'd)		13	22	1015·5	–	53·4	4·0	10·4	75	7·5	0	2	7	13	9
			18	22	1015·0	–	52·6	3·8	10·3	76	7·1	0	3	10	10	8
			1	33	1015·9	–	45·1	1·4	9·2	89	7·8	1	8	3	8	11
			7	33	1015·9	–	47·5	2·1	9·5	84	7·1	0	9	2	9	11
Perth	Errol	.. ..	13	33	1015·3	–	55·6	4·9	10·6	69	7·5	0	6	3	12	10
			18	33	1014·8	–	54·3	4·6	10·3	71	7·2	0	3	8	14	6
			1	36	1015·8	–	45·7	1·7	9·3	88	6·7	2	4	7	8	10
			7	36	1015·8	+1·4	47·8	2·5	9·4	82	7·1	0	6	4	11	10
Fife	Leuchars	H	13	36	1015·3	–	54·8	5·5	9·7	67	8·0	1	2	3	15	10
			18	36	1014·8	–	54·3	5·6	9·6	67	7·6	0	3	6	15	7
Mid Lothian	Edinburgh (Blackford Hill)	..	9	441	1016·0	–	49·6	0·9	11·3	93	7·5	1	4	4	7	15
			21	441	1015·7	–	46·0	0·4	10·2	97	6·8	1	9	2	6	13
			1	312	1015·3	–	46·9	1·4	9·8	89	4·8	0	12	5	6	8
Berwick	St. Abb's Head	..	7	312	1015·1	–	47·1	1·1	10·0	91	7·0	1	5	5	13	7
			13	312	1015·3	–	51·3	2·3	10·8	84	6·8	1	3	10	8	9
			18	312	1015·0	–	51·7	2·7	10·6	81	6·7	0	3	12	11	5
6a SCOTLAND, W.																
			1	27	1015·9	–	46·9	1·2	10·0	90	5·7	3	8	6	7	7
			7	27	1015·6	+2·5	48·8	1·6	10·4	87	7·3	0	5	5	14	7
Argyll	Tiree	.. ..	13	27	1015·7	–	52·3	3·2	10·6	78	7·5	1	4	2	16	8
			18	27	1015·5	–	51·3	2·8	10·6	81	7·0	0	7	5	9	10
			9	187	1016·7	+2·3	50·8	2·7	10·2	81	6·4	1	4	8	15	3
Bute	Rothesay	..	21	187	1016·1	–	49·0	1·9	10·2	86	6·1	0	9	6	13	3
			1	24	1016·5	–	45·9	1·5	9·4	87	6·5	0	10	3	8	10
			7	24	1016·2	+1·7	47·8	2·2	9·6	84	7·6	2	2	4	13	10
Renfrew	Renfrew (Abbotsinch)	.. ..	13	24	1015·7	–	57·0	6·6	9·7	61	7·5	2	1	4	17	7
			18	24	1015·3	–	54·7	5·1	10·1	68	8·2	2	0	2	18	9
			7	778	1016·5	+1·9	45·7	2·6	8·4	80	7·3	2	4	5	5	15
			13	778	1015·3	–	55·2	6·4	9·2	61	7·0	0	3	9	12	7
Dumfries	Eskdalemuir	‡‡H	18	778	1015·0		52·3	4·6	9·3	70	7·5	0	4	6	13	8
			21	778	1016·3	–	46·0	2·5	8·6	81	6·9	1	6	5	6	13
			h.*	778	1016·0	+1·3	47·9	3·7	8·5	75						
6b ISLE OF MAN																
Isle of Man	Douglas	.. H	9	286	1017·2	+2·3	51·3	3·9	9·4	73	5·4	0	9	11	8	3
			1	31	1017·0	–	47·4	1·5	9·8	88	4·1	5	13	3	5	5
			7	31	1016·7	–	49·3	1·6	10·6	88	5·8	1	13	0	10	7
	Point of Ayre	..	13	31	1016·7	–	57·0	4·9	11·1	70	4·8	1	14	3	8	5
			18	31	1016·1	–	54·8	4·0	10·9	74	5·5	1	14	0	8	8

DISTRICT, COUNTY AND PLACE			VISIBILITY: NUMBER OF OBSERVATIONS: FOG: 0	1	2	3	MIST POOR VIS.: 4	MOD. VIS.: 5	GOOD VISIBILITY: 6	7	8	9	WIND, NUMBER OF OBSERVATIONS: FORCE (0-12): 8 or more	6 to 7	4 to 5	1 to 3	Calm	DIRECTION: N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
0 SCOTLAND, N.																								
		1	0	0	1	1	1	1	4	6	15	2	1	5	14	10	1	1	4	3	1	5	7	7
		7	0	0	1	0	0	0	7	5	14	4	3	7	10	11	0	2	4	2	2	5	8	5
Shetlands	Sumburgh (Links) ..	13	0	0	0	0	0	2	3	6	16	4	1	9	13	8	0	1	4	2	3	4	9	6
		18	0	0	0	1	0	1	2	4	19	4	0	9	12	10	0	1	2	2	4	4	8	5
		1	0	1	0	0	0	0	6	8	14	2	1	4	13	11	2	2	0	4	6	5	5	6
		7	0	0	1	1	0	1	2	6	12	8	0	8	11	11	1	1	3	2	6	3	7	5
Hebrides	Benbecula ..	13	0	0	0	0	1	0	3	6	14	7	0	7	15	9	0	1	3	3	2	3	11	5
		18	0	0	0	0	0	0	2	4	14	8	1	2	18	10	0	2	4	2	2	4	11	6
		1	0	0	0	0	0	1	3	8	18	1	1	3	11	11	5	1	3	1	2	5	8	4
		7	0	1	0	0	0	0	4	5	14	7	0	5	11	11	4	1	3	2	4	3	8	4
	Stornoway ..	13	0	0	0	0	0	1	5	3	16	8	1	1	5	3	3	1	3	2	4	3	10	4
		18	0	0	0	0	0	1	1	5	18	6	1	4	18	7	1	1	3	5	0	2	4	9
		1	0	1	1	0	1	1	5	1	12	9	1	0	7	17	6	0	5	0	4	2	6	7
		7	0	0	1	0	1	0	5	1	11	12	0	3	9	19	0	1	5	2	2	3	6	7
Caithness	Wick	13	0	0	0	0	0	0	6	1	8	14	0	4	11	15	1	1	3	3	2	7	2	3
		18	0	0	1	0	0	0	7	3	6	14	1	1	10	17	2	1	3	4	1	7	2	3
		1	0	0	0	0	0	0	5	2	21	2	0	5	13	13	0	1	1	4	2	2	12	5
		7	1	0	0	0	0	0	1	7	16	6	1	3	18	9	0	2	1	4	5	0	9	3
Sutherland	Cape Wrath ..	13	0	4	0	0	0	0	2	4	17	4	1	6	10	14	0	2	3	4	2	2	10	5
		18	2	1	0	0	0	0	2	2	18	6	0	4	16	11	0	2	3	4	1	1	8	10
		1	0	0	0	0	1	1	5	3	19	2	0	0	5	18	8	1	4	0	0	0	4	11
		7	0	0	1	0	0	0	6	3	16	5	0	2	7	16	6	1	5	1	0	0	5	11
Ross and Cromarty	*Invergordon ..	13	0	0	0	0	0	0	2	3	12	14	0	4	13	12	2	1	4	3	2	1	7	9
		18	0	0	0	0	0	2	3	3	7	16	0	1	13	15	2	1	4	2	2	1	6	12
		7	0	0	0	0	0	1	2	10	18	0	0	0	7	23	1	3	5	0	2	5	12	3
Inverness	Dalwhinnie †	13	0	0	0	0	0	0	3	7	21	0	0	0	12	19	0	2	2	1	2	7	10	3
		18	0	0	0	0	0	0	3	9	19	0	0	0	9	22	0	1	2	1	1	4	13	7
1 SCOTLAND, E.																								
		1	0	0	0	1	0	1	3	5	17	4	0	1	3	23	4	1	0	3	2	3	11	5
		7	0	0	0	0	0	3	0	2	13	13	0	2	7	21	1	2	1	3	4	1	12	5
Moray	Lossiemouth ..	13	0	0	0	0	1	2	0	1	14	13	0	2	10	19	0	3	3	1	3	3	4	9
		18	2	0	0	0	1	1	2	0	10	17	0	1	10	19	1	2	3	5	3	1	2	9
		7	0	0	1	0	3	1	5	5	15	1	0	1	3	22	5	2	0	3	0	6	6	3
		13	0	0	0	0	0	3	7	5	12	4	0	2	11	18	0	0	3	3	6	6	2	3
Aberdeen	Aberdeen H	18	0	0	1	0	0	2	7	4	12	2	0	1	3	26	1	0	6	2	4	7	3	4
		21	0	0	0	0	2	3	8	4	14	0	0	1	4	24	2	4	2	0	2	6	6	4
		h.*																						
	Braemar ..‡	9	0	0	0	0	1	10	13	6	1	0	1	0	4	25	1	2	0	5	3	2	10	2
		1	0	1	0	1	3	1	8	1	8	8	0	1	5	9	16	2	0	0	2	2	5	2
		7	0	1	0	1	0	2	5	2	8	12	0	1	7	17	6	4	0	2	2	3	4	5
	Dyce ..	13	0	1	0	1	0	2	7	6	8	11	0	3	9	18	1	3	2	3	8	5	1	3
		18	0	0	0	0	2	1	7	4	10	10	0	1	7	19	4	2	2	4	6	4	1	4
		1	0	0	0	1	0	4	6	7	2	11	0	1	3	21	6	5	3	2	2	0	4	7
		7	0	0	0	0	0	0	7	2	8	10	0	2	5	24	0	2	6	3	1	2	7	8
Angus	Montrose (Airf'd)	13	0	0	1	0	0	1	5	6	4	14	0	1	4	16	0	1	4	4	6	5	4	6
		18	0	0	0	0	2	1	3	5	8	12	0	1	10	20	0	0	6	8	1	4	4	7
		1	0	0	0	1	0	1	6	1	5	3	0	1	5	19	6	0	2	6	0	1	9	6
		7	0	0	1	0	0	2	8	2	11	7	0	1	5	19	6	0	3	3	0	0	12	6
Perth	Errol	13	0	0	0	0	0	0	3	9	9	10	0	2	11	17	1	0	4	7	1	3	8	6
		18	0	0	0	0	0	1	3	4	11	12	0	1	13	17	0	0	4	9	0	1	8	8
		1	0	0	0	0	2	0	10	2	16	1	0	1	4	13	13	1	2	1	1	2	7	3
		7	0	0	0	1	2	0	10	5	10	5	0	2	5	15	9	1	2	2	1	1	8	6
Fife	Leuchars H	13	0	0	0	0	0	1	8	5	9	8	1	3	12	14	1	1	3	7	2	3	5	8
		18	0	0	0	0	1	1	7	3	9	10	0	2	7	18	4	1	3	4	3	2	4	9
Mid Lothian	Edinburgh (Blackford Hill) ..	9	0	1	0	0	4	1	12	0	13	0	0	1	7	21	2	2	6	2	2	1	4	8
		21	0	0	0	0	0	0	0	0	0	0	0	4	2	21	4	1	1	5	1	2	5	11
		1	0	0	0	1	0	0	3	24	1	0	1	0	13	17	0	3	1	2	3	6	10	5
Berwick	St. Abb's Head ..	7	1	0	0	0	1	0	4	2	17	7	0	1	9	18	2	4	0	1	3	2	4	12
		13	0	1	0	2	2	2	4	4	14	5	1	0	2	10	18	1	4	2	3	7	2	1
		18	0	2	0	1	0	2	0	19	6	1	0	1	10	18	2	3	1	0	9	1	3	8
6a SCOTLAND, W.																								
		1	0	1	1	0	0	0	3	10	14	2	1	2	10	15	3	2	0	3	4	2	8	5
		7	0	0	0	0	0	0	3	7	10	11	0	1	13	17	0	2	3	2	5	3	7	5
Argyll	Tiree	13	0	0	0	0	0	1	2	5	11	12	0	2	11	18	0	4	1	1	4	3	10	5
		18	0	0	0	0	0	0	2	7	12	10	1	0	9	21	0	1	1	1	5	2	7	8
		9	0	0	0	0	0	0	9	4	18	0	1	1	6	23	0	2	1	4	2	5	0	6
Bute	Rothesay ..	21	0	0	0	0	0	0	4	3	24	0	1	0	5	25	0	1	0	3	1	6	0	2
		1	0	0	0	0	3	4	9	13	2	0	0	0	5	18	8	0	2	5	1	1	7	5
		7	0	0	0	1	4	4	6	6	8	2	0	0	8	18	5	0	2	4	1	2	8	6
Renfrew	Renfrew .. .. (Abbotsinch)	13	0	0	0	0	0	1	7	3	10	10	0	3	7	20	1	1	2	5	2	2	4	11
		18	0	0	0	0	0	1	8	1	13	8	0	1	14	14	2	0	1	4	1	4	4	12
		7	0	0	1	0	0	2	7	1	20	0	0	1	4	16	10	2	3	0	0	3	7	3
		13	0	0	1	0	0	1	2	5	22	0	1	2	13	15	0	1	4	2	3	4	8	7
Dumfries	Eskdalemuir ‡‡H	18	0	1	0	0	0	0	2	6	16	2	0	1	10	18	2	2	3	2	1	3	5	8
		21	0	1	0	1	0	0	2	6	17	0	0	2	2	15	12	4	3	1	0	4	3	2
		h.*																						
6b ISLE OF MAN																								
Isle of Man	Douglas .. H	9	0	1	0	1	1	0	10	11	7	0	0	6	16	9	0	2	1	2	7	1	3	9
		1	0	0	0	0	0	0	2	4	25	0	1	2	13	11	4	4	1	0	2	6	2	8
		7	0	0	0	0	0	0	2	5	24	0	.1	3	12	14	1	4	1	3	3	6	1	6
	Point of Ayre ..	13	0	0	0	0	0	0	4	3	24	0	0	5	10	16	0	2	2	3	2	4	2	6
		18	0	0	0	0	0	0	2	4	25	0	1	2	10	17	1	6	2	1	1	4	2	6

* Mean of hourly readings. † Pressure at Station Level. ‡ Mean pressure at Station Level is 975·6 mb.
‡‡ Mean pressures at Station Level are 987·7 mb. at 7 h., 987·1 mb. at 13 h. 986·9 mb. at 18 h., and 987·5 mb. at 21 h.

* Station transferred to Alness on March 24th, 1943.

TABLE IV (*continued*)—Summary of Observations at fixed hours MAY, 1943

DISTRICT, COUNTY AND PLACE			Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE		TEMPERATURE AND HUMIDITY				CLOUD AMOUNT						VISIBILITY									WIND, NUMBER OF OBSERVATIONS								
												NO. OF OBSERVATIONS					NUMBER OF OBSERVATIONS									FORCE (0-12)					DIRECTION							
																	FOG				MIST	POOR VIS.	MOD. VIS.	GOOD VISIBILITY												
			G.M.T.	ft	mb	mb	°F	°F	mb	%							0	1	2	3	4	5	6	7	8	9	8 or more	6 to 7	4 to 5	1 to 3	Calm	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
2 ENGLAND, N.E.																																			
Northumberland	Cockle Park	..	9	331	–	–	52·3	3·3	10·4	78	7·7	1	2	4	15	9	0	0	1	0	2	2	7	0	17	2	0	0	5	23	3	2	0	6	6	1	1	10	2
			21	331	–	–	48·6	2·2	9·8	84	6·5	0	6	8	11	6	0	0	1	0	1	1	16	0	12	0	0	0	3	23	5	2	1	2	3	3	4	8	3
			1	435	1017·1	–	44·3	0·5	9·7	96	5·2	3	12	2	7	7	0	1	1	0	3	0	12	11	3	0	0	0	4	25	2	1	0	3	1	2	5	15	2
	Ouston	.. ..	7	435	1016·5	–	45·4	1·1	9·9	91	7·0	1	8	2	7	13	0	1	0	3	0	3	5	5	14	13	0	2	4	23	2	2	0	2	4	2	3	12	4
			13	435	1016·4	–	55·7	3·4	12·2	79	7·4	0	3	6	17	5	0	0	0	0	2	2	6	6	13	0	1	4	4	3	5	9	2	1	4	4	3	3	5	9	2
			18	435	1016·3	–	54·1	2·7	12·1	82	6·6	1	4	7	14	5	0	0	0	0	1	0	9	5	13	0	0	0	9	21	1	0	5	5	3	2	5	9	1
			1	122	1017·1	–	48·1	2·4	9·4	82	5·6	4	9	3	11	4	0	0	0	1	1	0	9	20	0	0	0	1	9	21	0	6	1	0	2	5	3	4	6	6
	Tynemouth	..	7	122	1017·2	+2·4	48·4	2·7	9·3	80	6·7	0	10	2	11	8	0	0	1	0	3	4	8	14	0	0	2	3	6	19	1	4	0	2	2	5	4	10	3
			13	122	1016·9	–	53·7	4·8	9·7	69	7·1	1	2	6	15	7	0	0	0	0	0	2	6	21	0	2	1	8	4	18	0	4	2	4	8	2	2	7	2
			18	122	1016·7	–	52·6	3·9	9·5	70	6·8	1	2	10	14	4	0	1	0	0	1	1	4	21	0	4	0	4	7	20	0	3	3	1	8	5	2	8	1
			9	352	1016·2	+1·2	51·8	3·2	10·2	78	7·5	1	1	10	6	13	0	0	0	1	1	5	13	10	1	0	3	5	1	4	4	27	1	3	5	1	1	4	5	4
Durham	Durham	.. ..	21	352	1016·1	–	49·3	2·2	10·1	84	6·6	0	6	8	9	8	0	0	0	0	0	2	19	9	1	1	0	0	1	17	13	3	0	1	1	1	7	4	1
			1	181	1017·5	–	45·4	1·6	9·2	88	5·1	5	8	5	5	8	0	1	0	2	1	3	5	11	8	0	0	0	2	21	8	1	0	0	1	4	8	4	5
Yorks., N. Riding	*Catterick ..	H	7	181	1017·4	–	47·4	2·0	9·6	85	7·5	1	2	8	10	10	0	2	2	2	1	1	7	6	8	2	0	0	1	1	24	5	4	2	0	3	4	6	3	4
			13	181	1017·0	–	57·8	6·5	10·3	63	7·0	1	4	6	11	9	0	0	0	2	1	2	9	1	11	3	0	0	1	8	22	0	3	4	2	3	7	5	5	2
			18	181	1016·3	–	56·4	6·0	10·0	65	7·0	2	2	8	13	6	0	0	0	1	2	3	5	4	13	3	0	0	1	5	26	4	2	1	5	3	4	2	7	5	5
			1	47	1017·4	–	45·9	1·5	9·5	89	5·0	5	10	2	7	7	0	0	0	1	0	2	16	5	7	0	0	0	1	4	26	4	0	1	4	3	3	5	3	6
	Linton-on-Ouse	..	7	47	1017·1	–	48·4	2·1	10·0	85	6·8	2	5	4	11	9	0	1	0	0	3	3	11	4	9	0	0	0	1	1	23	6	4	1	0	2	3	5	3	7
			13	47	1016·8	–	61·1	7·9	10·6	58	6·5	2	5	7	11	6	0	0	0	0	0	2	7	6	11	5	0	0	1	7	19	4	1	2	4	1	4	6	5	4
			18	47	1016·2	–	58·7	6·9	10·1	61	6·3	0	9	7	8	7	0	0	0	0	0	0	7	1	12	11	0	0	0	5	24	2	2	3	4	4	1	5	7	3
	Scarborough	..	9	96	1016·3	+1·3	54·1	3·7	10·8	75	4·4	0	21	2	6	2	0	1	0	0	0	3	9	14	4	0	0	3	3	13	15	0	6	1	2	6	2	3	3	8
			1	60	1016·3	–	46·1	1·8	9·3	86	4·3	9	8	3	5	6	0	1	1	3	3	2	4	8	9	0	0	0	1	4	19	9	1	0	0	1	2	3	8	6	3
	Thornaby	..	7	60	1016·3	–	48·1	2·3	9·7	83	5·3	3	7	3	8	10	0	0	3	2	4	2	9	2	9	1	0	0	1	5	16	9	1	1	1	2	3	9	3	2
			13	60	1015·7	–	58·5	7·0	10·1	61	6·5	1	7	5	12	6	0	0	0	0	2	3	7	3	15	1	0	0	3	7	21	0	2	7	3	3	4	7	4	1
			18	60	1015·4	–	57·1	6·4	10·0	63	6·6	4	3	4	15	5	0	0	0	0	4	4	4	4	14	1	0	0	0	6	25	0	2	9	2	3	4	5	4	2
	York	.. ..	9	53	1017·3	+1·9	55·6	5·3	10·1	67	6·1	3	7	4	10	7	–	–	–	–	–	–	–	–	–	–	0	0	2	4	25	0	3	2	2	4	5	1	6	8
			1	70	1017·4	–	46·5	1·5	9·7	89	3·9	8	10	2	9	2	0	0	0	0	0	1	20	9	1	0	0	0	2	27	2	2	3	3	1	1	3	11	5
Yorks., E. Riding	Driffield	.. ..	7	70	1017·3	–	48·8	2·1	10·2	85	5·8	1	10	4	10	6	0	0	1	1	2	3	13	6	5	2	0	1	6	22	2	5	3	0	3	5	5	3	5
			13	70	1017·0	–	58·1	6·6	10·3	62	7·0	0	6	5	13	7	0	0	0	0	1	0	9	5	16	0	0	4	8	19	0	2	4	5	4	2	3	7	3	3
			18	70	1016·6	–	55·8	5·6	10·2	66	5·9	2	8	4	12	5	0	0	0	0	1	0	2	8	6	15	0	0	4	5	26	0	1	6	4	4	2	6	5	3
			1	57	1017·5	–	49·9	2·1	10·4	85	4·7	5	11	5	3	7	0	0	0	1	0	0	1	6	24	0	0	2	11	18	0	3	3	2	4	3	4	7	5
	Spurn Head	..	7	57	1017·4	+2·5	50·1	2·2	10·4	84	6·7	1	8	4	9	9	0	1	1	1	0	0	1	4	22	1	0	2	15	14	0	7	3	2	4	4	2	4	5
			13	57	1017·2	–	55·0	4·5	10·5	71	6·5	0	9	4	11	7	0	0	0	0	2	2	3	24	0	0	2	8	4	7	1	4	2	3	7	8	4	7	4	5
			18	57	1016·9	–	54·2	3·9	10·7	74	6·2	3	5	6	12	5	0	0	0	0	0	2	2	25	1	0	0	5	10	16	0	1	6	6	7	3	5	2	1	5
			1	208	1017·8	–	47·2	1·8	9·7	87	3·6	13	6	3	5	4	0	0	0	0	0	0	1	18	9	3	0	0	1	7	22	1	2	3	3	1	2	6	8	5
Lincoln	Cranwell	.. H	7	208	1017·5	–	49·9	2·6	10·3	83	5·5	12	6	1	8	4	0	0	0	0	0	0	2	19	8	2	0	0	2	11	16	2	3	2	3	2	3	3	7	6
			13	208	1016·8	–	61·7	8·1	10·7	55	6·2	1	5	7	15	3	0	0	0	0	0	0	0	8	10	12	1	5	11	14	0	2	4	4	2	2	1	6	5	6
			18	208	1016·5	–	58·6	6·2	10·9	64	6·3	0	7	9	10	5	0	0	0	0	0	2	3	9	13	4	0	2	18	11	0	1	3	7	2	1	9	5	3
3 ENGLAND, E.																																			
Norfolk	Cromer	.. H	9	74	1017·8	–	53·4	2·4	11·9	85	5·0	8	0	13	3	7	0	1	1	0	0	0	23	6	0	0	1	1	9	20	0	3	2	1	2	3	5	5	10
			1	26	1017·5	–	50·8	2·0	10·9	86	4·0	12	5	4	5	5	0	0	0	0	0	1	13	17	0	1	0	2	10	18	1	6	4	3	0	3	5	4	5
	Yarmouth	..	7	26	1017·5	+2·3	50·5	2·2	10·6	85	4·7	8	7	3	8	5	0	0	0	0	0	0	9	21	0	1	1	0	12	18	0	7	3	1	2	1	6	5	6
			13	26	1017·5	–	55·5	4·1	11·1	74	5·7	4	6	9	8	4	0	0	0	0	0	0	7	23	2	1	0	4	16	12	0	4	7	6	4	2	3	3	2	3
			18	26	1017·0	–	56·5	4·5	11·2	72	5·2	4	5	12	6	4	0	0	0	0	0	0	5	24	1	3	1	1	4	14	2	8	4	2	3	4	5	1	3	2
			7	16	1017·8	–	52·7	2·8	11·1	81	5·5	7	5	3	9	7	0	0	0	0	0	3	12	2	5	7	0	2	13	15	1	5	5	3	1	3	4	4	5	3
Suffolk	Felixstowe Airfield		13	16	1017·9	–	59·5	5·9	11·3	66	6·3	3	6	3	14	5	0	0	0	0	0	1	9	5	16	1	0	1	8	4	2	1	3	8	3	2	7	4	3	1
			18	16	1017·1	–	57·9	5·0	11·5	70	5·5	4	5	7	11	4	0	0	0	0	0	1	4	8	19	0	0	4	14	13	0	2	3	3	2	4	3	3	4	5
			1	405	1017·9	–	48·0	1·3	10·5	91	3·9	8	10	5	3	5	0	0	0	0	0	4	20	6	1	0	0	3	4	22	2	2	3	4	3	7	3	3	4	5
	Stradishall	..	7	405	1017·9	–	50·7	2·1	11·0	85	5·8	3	8	5	8	7	0	1	0	0	0	1	19	4	0	0	0	1	5	23	2	4	2	3	4	3	3	5	4
			13	405	1017·3	–	52·1	7·8	11·2	60	6·4	2	5	6	12	6	0	0	0	0	0	3	11	2	8	0	0	3	6	19	2	3	4	6	1	3	6	4	2
			18	405	1016·8	–	59·6	6·6	11·2	65	6·2	2	8	3	14	4	0	0	0	0	0	1	8	2	10	0	0	4	7	18	2	1	4	4	4	5	5	5	1
			1	40	1017·8	–	48·5	1·7	10·4	88	4·3	11	5	1	9	5	0	0	0	0	1	0	0	8	12	9	0	0	1	6	22	2	4	3	2	3	4	2	6	3
	Mildenhall	H	7	40	1017·7	–	51·2	2·5	10·8	83	5·3	3	10	5	6	7	0	0	0	0	0	1	0	14	8	2	0	0	1	3	16	2	4	3	2	3	4	2	5	3
			13	40	1017·2	–	63·3	9·2	10·4	53	6·5	0	8	4	14	5	0	0	0	0	0	0	0	4	4	2	0	0	4	11	12	4	2	5	3	1	2	6	5	3
			18	40	1016·7	–	61·3	8·0	10·6	58	6·0	1	9	5	10	6	0	0	0	0	0	0	0	2	4	2	1	2	7	17	0	2	7	3	2	3	7	4	2	6
Cambridge	Cambridge ..	H	9	43	1018·5	+3·0	57·9	5·7	11·0	67	5·2	5	8	2	11	5	–	–	–	–	–	–	–	–	–	–	0	0	2	7	22	0	2	7	0	2	5	4	2	6
			21	43	1017·5	–	54·4	4·5	10·5	71	5·4	11	2	1	4	13	–	–	–	–	–	–	–	–	–	–	0	0	0	4	25	2	3	10	1	2	4	8	0	1
			1	519	1018·0	–	47·6	1·6	10·0	88	5·4	7	6	3	3	12	0	0	0	0	0	3	15	10	3	0	0	1	12	15	3	4	4	3	0	5	8	1	3	2
Bedford	Dunstable	H	7	519	1018·0	–	50·0	2·4	10·1	82	5·5	4	8	4	8	7	0	0	0	0	1	0	5	20	5	0	0	0	4	13	18	0	2	7	3	1	3	9	4	2
			13	519	1017·2	–	60·7	7·2	10·9	60	6·5	2	4	7	9	9	0	0	0	0	0	2	9	8	12	0	0	0	4	13	13	1	5	4	3	1	2	7	6	2
			18	519	1016·8	–	58·6	6·4	10·7	66	6·4	3	5	5	12	6	0	0	0	0	0	1	11	5	14	0	0	0	3	12	14	2	5	5	3	0	3	7	5	1
Hertford	Rothamsted	..	9	396	1017·4	+2·2	56·3	5·6	10·1	65	5·0	3	9	8	5	6	0	0	0	0	0	1	30	0	0	0	0	1	5	24	1	4	7	3	0	3	6	2	5
			7	12	1018·1	–	53·2	2·8	11·4	81	5·2	6	5	8	5	7	0	0	0	1	0	0	4	17	3	6	0	0	2	9	16	4	6	2	3	1	3	2	7	3
Essex	Shoeburyness	H	13	12	1018·0	–	61·8	6·8	12·1	63	5·7	1	10	5	11	4	0	0	0	0	0	0	4	10	16	1	0	2	12	17	0	3	1	6	2	2	8	3	3
			18	12	1017·5	–	58·9	5·4	11·9	69	5·7	3	7	5	12	4	0	0	0	0	0	0	1	5	6	18	1	1	1	8	18	3	1	6	4	1	3	9	2	2
4 MIDLAND COUNTIES																																			
			1	55	1017·5	–	46·5	1·4	9·8	89	3·6	12	7	4	2	6	0	0	0	2	0	2	21	6	0	0	0	0	4	24	3	2	2	1	3	4	6	7	3
Yorks., W.R.	Finningley	..	7	55	1017·3	–	49·0	1·9	10·4	86	6·2	4	7	2	11	7	1	0	0	0	0	6	10	11	2	1	0	0	0	4	22	5	5	1	1	5	1	4	3	6
			13	55	1016·6	–	62·5	8·4	10·9	56	6·7	0	5	9	14	3	0	0	0	0	0	0	1	9	16	5	0	0	2	12	16	1	4	2	2	5	4	3	8	5
			18	55	1016·3	–	59·5	6·4	11·2	64	6·8	0	8	4	13	6	0	0	0	0	0	0	0	12	11	8	0	0	0	4	27	0	2	4	5	3	1	7	4	4
	Harrogate	..	9	478	1016·9	+2·0	53·3	4·9	9·4	68	7·1	2	2	6	14	7	0	0	0	2	0	1	5	6	4	0	0	0	1	3	27	0	8	1	6	5	3	4	2	7
Nottingham	Nottingham	..	9	215	1016·5	+1·2	55·0	4·8	10·2	69	4·8	5	9	5	7	5	0	0	0	0	0	5	6	9	0	0	0	0	1	7	23	0	2	6	5	1	1	4	8	4
			7	542	1017·7	+2·2	49·5	2·8	9·8	80	5·4	6	7	2	9	7	0	0	0	1	1	3	0	4	7	2	0	0	0	1	7	20	0	1	3	4	3	3	4	5
Warwick	Birmingham	H	13	542	1017·0	–	58·9	7·6	9·7	57	6·3	3	4	7	9	8	0	0	0	0	0	0	0	3	7	7	0	0	0	0	18	0	1	3	3	3	3	3	5	6
			18	542	1016·4	–	58·4	6·9	10·1	61	6·3	2	5	8	8	8	0	0	0	0	0	1	0	6	4	0	0	0	0	0	13	0	1	3	3	3	3	7	3	5
			1	431	1018·1	–	47·3	1·6	9·9	88	4·8	6	8	6	4	7	0	0	0	0	0	2	0	5	11	2	0	0	0	2	10	0	4	3	3	2	4	4	2	4
	Honiley	.. ..	7	431	1017·8	–	49·7	2·2	10·4	85	5·9	3	7	4	11	6	0	0	0	0	0	1	0	7	8	1	0	0	2	7	19	1	7	1	3	3	2	4	4	3
			13	431	1017·0	–	60·3	7·3	10·6	60	6·7	3	2	7	11	8	0	0	0	0	0	0	0	4	8	2	0	0	1	8	17	3	4	4	4	2	2	4	4	5
			18	431	1016·6	–	58·9	6·1	11·0	66	6·4	3	5	3	12	8	0	0	0	0	0	0	1	5	11	6	0	0	1	4	12	2	3	4	4	2	2	4	2	3

* At Scorton from March 9th, 1943.

TABLE IV (*continued*)—Summary of Observations at fixed hours MAY, 1943

DISTRICT, COUNTY AND PLACE		Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE: At Mean Sea Level	MEAN PRESSURE: Difference from Average	TEMPERATURE AND HUMIDITY: Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	CLOUD AMOUNT: Mean Amount	CLOUD AMOUNT: No. of Observations 0	1 to 3	4 to 6	7 to 9	10
		G.M.T.	ft	mb	mb	°F	°F	mb	%						
4 MIDLAND COUNTIES—*cont.*															
Oxford	Oxford	9	212	1018·0	+2·1	56·7	5·9	9·9	65	4·7	5	10	4	6	6
		1	243	1017·9	–	47·7	1·8	10·0	88	4·9	6	9	3	4	9
	Upper Heyford ..	7	243	1017·6	–	49·6	2·2	10·4	85	5·7	3	7	6	7	8
		13	243	1017·1	–	61·0	7·9	10·5	58	6·6	2	5	6	12	6
		18	243	1016·5	–	59·6	6·7	10·9	63	6·4	2	8	1	12	8
Shropshire	Shrewsbury H	9	186	1017·2	–	55·1	5·0	10·2	69	6·2	4	5	6	8	8
		1	295	1016·9	–	47·1	1·9	9·6	86	4·8	11	5	1	5	9
	Tern Hill	7	295	1016·8	–	48·2	2·4	9·7	83	5·9	4	7	1	12	7
		13	295	1016·2	–	59·9	7·8	10·0	57	6·8	2	4	4	17	4
		18	295	1015·7	–	57·3	6·3	10·3	64	6·8	3	3	5	12	8
Hereford	Ross-on-Wye H	7	226	1017·8	+2·5	49·9	2·6	10·2	91	5·9	2	8	4	13	4
		13	226	1017·1	–	60·1	7·4	10·6	59	5·8	3	8	4	9	7
		18	226	1016·5	–	59·1	6·7	10·7	63	6·1	3	6	6	9	7
Gloucester	Cheltenham H	9	230	1018·0	+2·6	57·5	5·8	10·5	66	6·1	3	3	8	15	2
		21	230	1018·2	–	55·4	3·4	11·8	78	6·2	3	4	8	8	8
5 ENGLAND, S.E.															
		9	152	1017·8	+2·0	58·0	6·2	10·7	65	5·0	5	9	4	6	7
London	Greenwich .. H	15	152	1017·0	–	64·0	9·7	10·4	51	5·8	2	6	8	10	5
		21	152	1017·6	–	55·0	4·4	10·8	72	5·5	7	5	3	6	10
		h.*	152	1017·6	+2·1	56·2					–	–	–	–	–
		7	34	1018·1	+2·2	52·7	3·6	10·4	76	5·4	6	8	3	5	9
	Kew Obs'y. H	13	34	1017·5	–	62·0	8·6	10·2	54	6·4	3	3	6	15	4
		18	34	1017·0	–	61·1	8·2	10·2	57	7·0	3	2	5	16	5
		21	34	1017·8	–	55·9	5·2	10·4	68	6·2	4	3	7	9	8
		h.*	34	1017·7	+2·1	56·2	5·5	10·3	68						
		9	66	–	–	58·6	5·8	11·1	66	4·9	4	10	5	9	3
	Kensington.. ..	15	66	–	–	64·5	9·1	11·0	53	5·3	3	5	9	14	0
		18	66	–	–	61·9	7·7	10·9	57	5·5	3	6	7	14	1
		1	225	1018·6	–	50·5	2·1	10·8	85	6·0	4	5	6	7	0
Surrey	Croydon .. H	7	225	1018·6	–	52·8	3·2	10·9	79	5·4	7	5	3	9	7
		13	225	1018·3	–	62·4	8·1	11·0	58	6·3	4	3	6	16	2
		18	225	1017·6	–	60·8	7·1	11·2	62	6·8	4	2	3	15	7
	Wisley	9	85	1017·3	–	56·7	5·3	11·0	70	5·7	6	5	5	7	8
		7	—	–	–	53·1	2·2	11·8	86	5·6	3	9	2	10	7
Kent	Dungeness ..	13	—	–	–	58·8	4·3	12·6	74	4·7	6	6	7	9	3
		18	—	–	–	56·1	3·0	12·4	81	5·5	4	8	3	14	2
		1	345	1018·0	–	49·8	1·6	11·0	89	5·0	8	5	4	6	8
	Lympne .. H	7	345	1018·2	+2·7	52·6	2·6	11·3	83	6·0	5	6	2	11	7
		13	345	1017·7	–	50·5	6·4	11·8	64	5·8	4	5	4	14	4
		18	345	1017·6	–	57·0	4·8	11·4	71	5·4	5	7	4	7	8
		1	156	1017·8	–	50·9	1·7	11·3	88	4·3	10	8	2	3	8
	Manston .. H	7	156	1017·9	–	53·5	2·8	11·4	82	6·0	2	7	5	11	6
		13	156	1017·9	–	60·6	6·8	11·4	63	5·8	6	5	3	10	7
		18	156	1017·4	–	57·8	5·0	11·7	71	6·3	2	8	3	12	6
	Tunbridge Wells ..	9	407	1016·9	+0·8	55·8	3·4	11·9	78	5·3	7	7	3	3	11
Sussex	Hastings .. H	9	154	1017·8	+2·1	56·3	4·2	11·5	74	4·7	9	5	5	5	7
		1	10	1017·9	–	50·5	2·0	10·6	86	4·5	9	6	4	7	5
	Thorney Is. ..	7	10	1018·0	–	52·4	2·4	11·0	83	5·5	4	9	3	8	7
		13	10	1017·9	–	61·5	6·4	11·8	64	5·6	4	6	5	13	3
		18	10	1017·3	–	58·6	5·1	11·6	70	6·6	5	4	1	14	7
		9	84	1018·3	–	58·1	5·4	11·2	68	5·4	8	4	4	7	8
Hampshire	Southampton ..	21	84	1017·5	–	57·5	5·0	11·3	69	4·4	11	7	2	3	8
		1	231	1018·1	–	49·7	2·2	10·4	84	5·2	7	6	4	5	9
	S. Farnborough H	7	231	1018·1	+2·6	51·0	2·6	10·6	82	5·4	5	8	3	7	8
		13	231	1017·5	–	62·8	8·6	10·7	55	6·5	3	4	4	13	7
		18	231	1016·9	–	61·3	7·8	10·7	59	6·6	3	5	4	13	6
I. of Wight	Ventnor (Hosp.)	9	80	–	–	56·7	3·7	12·1	78	4·8	6	10	1	9	5
		15	80	–	–	59·8	5·2	12·2	69	4·7	4	12	4	5	6
		1	420	1018·3	–	47·0	0·5	10·3	89	4·7	8	8	4	2	9
Wiltshire	Amesbury H	7	420	1018·2	–	50·2	2·0	10·8	85	5·9	4	7	3	11	6
	(Boscombe Down)	13	420	1017·8	–	61·0	7·3	11·1	61	5·6	3	4	6	10	8
		18	420	1017·1	–	59·4	6·4	11·1	65	5·5	2	6	5	11	7
		9	444	1018·1	–	54·9	4·5	10·8	72	5·0	5	6	3	10	7
	Larkhill .. H	13	444	1017·6	–	60·4	7·1	10·9	61	5·0	4	4	7	8	8
		15	444	1017·6	–	60·9	7·3	11·0	60	5·3	3	4	6	9	9
7a ENGLAND, N.W.															
Lancashire	Hutton	9	86	1016·8	+2·2	55·4	4·1	11·1	74	5·9	2	7	8	13	1
	Manchester	9	127	1017·0	+2·1	56·2	5·9	9·9	64	5·5	3	4	4	13	7
	(Whitworth Pk.)	21	127	1016·8	–	53·0	4·1	10·0	73	4·6	5	13	1	5	7
	Southport †H	9	37	1017·2	+1·9	54·1	4·8	10·1	70	6·8	0	6	8	8	9
	(Bedford Rd. Park)	15	37	1016·9	–	57·4	5·7	10·8	67	5·7	0	14	2	5	10
		21	37	1017·3	–	51·2	2·6	10·7	82						
	Stonyhurst ..	9	381	1017·1	+1·7	53·4	4·3	10·0	72	7·1	2	2	6	10	11
		21	381	1017·1	–	50·2	2·8	9·9	80	5·1	3	12	2	5	9
Cheshire	Bidston Obs'y. ..	9	202	1017·3	+2·1	53·2	4·4	9·8	71	7·1	2	1	9	10	9
		1	261	1017·9	–	45·9	1·6	9·4	88	4·6	8	7	4	6	6
	Manchester H	7	261	1017·4	–	49·1	2·3	10·1	83	5·4	4	6	7	8	6
	(Ringway)	13	261	1016·8	–	59·5	7·4	10·2	58	5·3	3	4	8	10	6
		18	261	1016·6	–	56·8	6·0	10·2	65	5·3	2	8	3	11	7
7b NORTH WALES															
		1	19	1017·7	–	47·0	2·0	9·5	85	4·9	6	8	6	2	9
Flint	Sealand .. H	7	19	1017·2	–	49·7	2·6	9·9	80	5·3	4	5	4	12	6
		13	19	1017·0	–	58·9	7·0	10·3	60	6·5	2	6	5	12	6
		18	19	1016·7	–	56·4	5·3	10·6	68	6·8	2	5	5	11	8

DISTRICT, COUNTY AND PLACE		VISIBILITY: NUMBER OF OBSERVATIONS — FOG 0	1	2	3	MIST 4	POOR VIS. 5	MOD. VIS. 6	GOOD VISIBILITY 7	8	9	WIND, NUMBER OF OBSERVATIONS — FORCE (0-12): 8 or more	6 to 7	4 to 5	1 to 3	Calm	DIRECTION: N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
4 MIDLAND COUNTIES—*cont.*																								
Oxford	Oxford	0	0	0	0	0	0	11	13	7	0	0	2	8	21	0	4	5	3	1	4	7	4	3
		0	0	0	0	0	0	14	13	4	0	0	0	4	23	4	6	4	3	1	3	2	4	3
	Upper Heyford ..	0	0	0	0	0	4	17	5	4	1	0	0	5	24	0	7	4	4	1	4	3	3	3
		0	0	0	0	0	0	8	8	13	2	1	2	9	19	0	4	6	3	1	1	7	5	4
		0	0	0	0	0	1	3	15	8	4	0	2	6	23	0	5	6	3	1	1	9	3	3
Shropshire	Shrewsbury H	0	0	0	0	1	0	7	9	14	0	1	3	10	17	0	5	3	2	1	3	7	1	4
		0	0	0	0	2	2	11	9	7	0	0	0	6	19	6	5	6	1	1	3	2	4	5
	Tern Hill	0	1	0	0	2	3	11	5	8	1	0	0	3	24	4	4	2	1	3	3	5	4	3
		0	0	0	0	0	0	11	6	5	9	0	2	9	18	2	2	3	2	1	2	3	5	3
		0	0	0	0	0	2	13	5	9	5	0	0	7	23	1	11	2	1	2	1	4	5	3
Hereford	Ross-on-Wye H	0	0	0	1	0	0	9	8	13	2	0	1	4	25	1	4	4	3	2	1	4	3	9
		0	0	0	0	0	0	3	8	18	2	0	2	12	17	0	4	4	5	4	1	3	6	8
		0	0	0	0	0	0	3	6	19	2	0	0	8	23	0	5	3	4	1	3	6	8	3
Gloucester	Cheltenham H	0	0	0	0	0	1	12	17	1	2	0	1	1	29	0	5	4	0	1	3	6	5	7
		0	0	0	0	0	0	8	21	2	0	0	0	2	29	0	3	2	1	1	1	9	8	6
5 ENGLAND, S.E.																								
		0	0	0	0	0	3	13	12	3	0	0	3	9	15	4	5	4	4	0	2	7	2	3
London	Greenwich .. H	–	–	–	–	–	–	–	–	–	–	0	4	14	10	3	3	5	3	2	2	8	3	2
		–	–	–	–	–	–	–	–	–	–	0	1	11	19	0	2	4	6	0	7	6	3	3
		0	0	0	0	0	5	19	5	2	0	0	0	6	21	4	4	5	2	0	3	6	3	4
	Kew Obs'y. H	0	0	0	0	0	2	7	5	17	0	0	1	9	20	1	4	5	4	0	2	7	4	3
		0	0	0	0	0	2	6	5	18	0	0	0	10	21	0	3	5	3	1	3	8	3	5
		0	0	0	0	0	1	9	13	8	0	0	0	7	24	0	3	4	4	2	3	8	4	3
		–	–	–	–	–	–	–	–	–	–	1	4	4	22	0	2	6	3	1	0	9	5	5
	Kensington.. ..	–	–	–	–	–	–	–	–	–	–	0	3	4	21	0	3	4	4	2	1	7	5	7
		–	–	–	–	–	–	–	–	–	–	1	0	4	3	24	0	1	4	4	2	1	8	4	7
		0	0	0	0	3	1	14	12	1	0	0	0	3	25	3	5	3	1	4	3	7	4	1
Surrey	Croydon .. H	0	0	0	0	1	3	17	8	2	0	0	0	4	21	6	5	3	1	1	4	5	4	2
		0	0	0	0	1	0	10	6	15	0	0	1	12	15	3	2	6	2	1	1	6	4	2
		0	0	0	0	1	1	8	8	12	0	0	0	7	24	0	2	6	2	0	10	3	7	1
	Wisley	0	0	0	0	0	1	15	5	8	2	0	1	4	23	3	2	6	2	3	3	5	4	3
		0	1	0	0	0	1	5	20	3	1	2	3	9	17	0	3	4	8	3	2	3	5	5
Kent	Dungeness ..	0	0	0	0	0	1	3	16	10	1	2	4	14	11	0	1	3	8	2	1	4	0	1
		0	0	0	0	0	2	20	7	1	2	2	6	10	13	0	1	2	8	2	1	4	12	1
		0	0	1	0	0	0	8	16	5	0	0	2	10	14	5	4	4	2	2	2	2	6	4
	Lympne .. H	0	0	0	0	1	3	10	10	7	0	0	1	9	20	1	6	3	3	3	4	3	3	5
		0	0	0	0	1	0	5	7	18	1	1	4	8	18	0	4	5	2	2	8	5	3	2
		0	0	0	0	1	1	4	4	22	2	0	0	4	7	20	0	3	5	2	3	6	10	0
		0	0	0	0	1	6	6	11	8	0	0	0	8	22	1	3	4	6	1	5	3	5	3
	Manston .. H	0	0	0	0	0	2	11	9	9	0	0	2	9	19	1	3	6	4	1	5	3	7	3
		0	0	0	0	0	1	7	6	15	0	1	2	10	17	1	3	9	1	1	5	5	2	4
		0	0	0	0	0	1	3	8	17	1	0	2	8	21	0	2	9	3	1	5	9	2	4
	Tunbridge Wells ..	0	0	0	0	0	1	5	20	2	0	0	6	6	19	0	3	6	3	0	2	6	4	0
Sussex	Hastings .. H	0	0	0	0	0	1	6	12	11	0	0	9	1	5	1	1	1	4	6	2	0	7	4
		0	0	0	0	0	1	2	12	3	1	1	2	8	18	2	7	3	2	1	3	3	4	6
	Thorney Is. ..	0	0	0	0	0	3	7	10	9	2	0	3	7	16	5	6	3	3	1	2	3	5	3
		0	0	0	0	0	0	8	4	10	9	0	5	10	16	0	4	2	2	3	12	4	3	1
		0	0	0	0	1	0	4	7	11	8	0	4	9	18	0	3	2	2	3	7	12	2	2
Hampshire	Southampton ..	0	0	0	0	0	0	11	7	13	0	3	0	1	25	2	5	2	3	3	6	3	5	2
		0	0	0	0	0	2	17	11	1	0	1	0	3	21	6	2	3	2	1	3	2	7	4
		0	0	0	0	1	1	14	11	4	0	0	0	3	22	6	3	3	2	1	3	2	7	4
	S. Farnborough H	0	0	0	0	0	0	15	4	11	0	0	1	5	21	4	4	5	3	0	2	5	5	3
		0	0	0	0	0	0	5	5	20	1	0	3	9	19	0	4	5	2	2	2	7	7	2
		0	0	0	0	0	0	4	6	20	1	0	2	6	23	0	4	2	4	2	1	10	3	5
I. of Wight	Ventnor (Hosp.)	–	–	–	–	–	–	–	–	–	–	0	2	12	17	0	4	1	7	1	1	4	12	1
		–	–	–	–	–	–	–	–	–	–	1	2	8	20	0	5	2	5	2	1	18	1	0
		0	0	0	0	1	0	8	19	3	0	0	2	6	18	5	4	2	4	2	3	3	4	4
Wiltshire	Amesbury H	0	0	0	0	0	2	8	17	2	0	0	1	10	15	5	5	2	3	1	5	1	5	4
	(Boscombe Down)	0	0	0	0	0	0	13	14	7	1	1	3	9	17	1	3	5	2	2	4	3	6	2
		0	0	0	0	0	0	2	12	16	1	0	2	9	19	1	4	3	2	2	4	8	3	4
		0	0	0	0	0	1	6	11	14	0	1	3	10	17	0	5	4	3	3	1	7	6	5
	Larkhill .. H	0	0	0	0	0	0	3	6	21	0	1	5	14	11	0	3	3	4	2	2	3	3	2
		0	0	0	0	0	1	2	7	21	0	0	6	12	13	0	4	6	2	0	3	8	6	2
7a ENGLAND, N.W.																								
Lancashire	Hutton	–	–	–	–	–	–	–	–	–	–	1	1	1	26	2	1	5	1	2	4	5	2	9
	Manchester	–	–	–	–	–	–	–	–	–	–	1	0	5	24	1	4	3	4	1	2	8	4	4
	(Whitworth Pk.)	–	–	–	–	–	–	–	–	–	–	0	0	3	27	1	2	2	2	4	3	6	3	8
	Southport †H	2	5	12	6	6	0	0	1	1	13	16	0	2	1	8	4	2	2	2	4	3	5	1
	(Bedford Rd. Park)	0	1	10	9	11	0	0	0	1	17	13	0	4	2	0	2	2	4	7	10	7	3	5
												0	0	10	21	0	5	3	2	2	2	3	4	10
	Stonyhurst ..	0	0	15	7	9	0	0	0	0	4	4	4	22	1	4	3	3	2	2	5	2	7	9
		0	2	11	9	9	0	0	0	0	2	25	4	3	3	2	3	2	2	4	9	1	3	3
Cheshire	Bidston Obs'y. ..	2	12	7	8	2	0	0	1	1	7	19	3	2	2	3	5	5	0	4	7	3	2	2
		3	8	13	3	3	0	0	0	0	6	16	9	1	2	2	2	6	3	3	3	3	3	3
	Manchester H	7	3	16	2	2	0	0	0	1	5	20	5	1	4	0	4	7	3	1	6	3	3	6
	(Ringway)	0	1	8	12	6	4	0	0	2	15	14	0	0	3	1	3	7	4	8	5	5	4	3
		0	1	9	5	14	2	0	0	0	16	15	0	1	3	1	3	5	2	8	8	3	1	2
7b NORTH WALES																								
		2	3	15	9	2	0	0	0	1	2	15	13	1	1	0	3	3	1	6	3	1	1	2
Flint	Sealand .. H	3	5	12	2	2	0	0	1	0	1	23	6	2	2	0	6	6	1	3	5	1	2	2
		0	0	8	7	16	0	0	1	4	2	26	0	1	2	0	5	4	1	4	14	1	2	2
		0	0	11	3	17	0	0	0	1	1	30	0	5	1	1	0	7	4	1	12	1	2	2

†Visibility at Hesketh Park (at 9h. and 15h.); wind at Marshside. * Mean of hourly readings.

TABLE IV (*continued*)—Summary of Observations at fixed hours MAY, 1943

DISTRICT, COUNTY AND PLACE			Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE: At Mean Sea Level	MEAN PRESSURE: Difference from Average	TEMPERATURE AND HUMIDITY: Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	CLOUD AMOUNT: Mean Amount	CLOUD AMOUNT: No. of Observations 0	1 to 3	4 to 6	7 to 9	10	VISIBILITY: Number of Observations — Fog 0	Fog 1	Fog 2	Fog 3	Mist 4	Poor Vis. 5	Mod. Vis. 6	Good Visibility 7	Good Visibility 8	Good Visibility 9	WIND, NUMBER OF OBSERVATIONS — FORCE (0-12): 8 or more	6 to 7	4 to 5	1 to 3	Calm	DIRECTION: N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
			G.M.T.	ft	mb	mb	°F	°F	mb	%																												
7b NORTH WALES—*cont.*																																						
Anglesey	Holyhead (Valley)	H	1	34	1017·7	–	48·4	1·6	10·3	88	4·5	6	12	1	2	10	0	0	1	0	2	0	10	0	18	0	1	1	6	16	7	3	1	2	2	7	4	3	2
			7	34	1017·7	+3·0	50·8	2·4	10·6	83	6·2	2	8	2	14	5	0	0	0	1	0	1	6	2	20	1	1	2	7	18	3	4	4	3	3	4	4	3	3
			13	34	1017·3	–	55·9	5·2	10·4	69	5·6	1	12	4	4	10	0	0	0	1	0	0	4	3	19	4	2	2	8	19	0	5	4	1	0	6	7	4	4
			18	34	1016·7	–	54·5	4·0	10·9	76	5·6	4	9	3	7	8	0	0	0	0	1	0	3	6	17	4	0	5	9	16	1	6	1	1	3	6	9	1	3
Carnarvon	Llandudno	..	9	33	1017·0	–	53·8	4·1	10·4	86	5·8	4	5	5	14	3	0	0	0	0	1	0	1	6	23	0	0	2	5	24	0	4	2	4	2	2	4	11	2
8a SOUTH WALES.																																						
Cardigan	Aberporth	.. ..	7	379	1017·6	–	50·0	2·5	10·3	82	6·4	3	5	6	9	8	0	0	0	0	0	1	4	10	12	4	0	3	12	13	3	3	2	1	5	7	4	4	2
			13	379	1017·8	–	54·7	3·9	11·2	76	6·2	3	7	4	8	9	0	0	1	0	0	0	3	6	16	5	0	3	13	15	0	7	2	1	2	5	2	7	5
			18	379	1017·2	–	53·4	3·6	10·8	78	6·5	5	3	5	8	10	0	0	0	0	0	0	2	9	15	5	0	2	15	13	1	9	3	0	1	4	4	6	3
Pembroke	St. Ann's Head	..	1	152	1017·9	–	50·0	1·3	11·1	90	5·3	2	12	4	6	7	0	2	1	0	0	0	0	11	17	0	0	3	11	15	2	3	7	3	3	3	5	2	3
			7	152	1017·6	+2·7	50·5	1·7	11·0	88	6·0	0	9	9	6	7	0	1	1	1	2	2	2	9	13	0	3	3	9	14	2	4	5	3	3	3	4	4	3
			13	152	1017·9	–	54·0	2·5	11·9	83	6·6	1	6	7	8	9	0	1	0	0	0	1	2	15	12	0	0	8	13	8	2	6	2	0	2	4	7	6	2
			18	152	1017·3	–	53·5	2·4	11·7	84	6·0	1	11	3	9	7	0	0	0	0	0	1	1	11	18	0	1	5	11	14	0	9	2	0	2	1	8	7	2
Radnor	Rhayader	.. ..	9	—	–	–	52·5	3·4	10·4	77	6·5	4	3	6	8	10	0	0	0	0	0	0	3	11	17	0	0	1	0	30	0	0	1	1	6	4	5	4	10
Glamorgan	Cardiff	.. ..	9	203	1018·3	+2·1	55·4	4·8	10·4	70	5·4	6	5	6	7	7	0	0	0	0	2	0	16	8	5	0	0	1	2	28	0	2	7	3	1	1	13	2	2
	St. Athan	..	1	147	1018·6	–	48·8	2·0	10·2	85	4·8	10	4	4	3	10	0	0	0	2	0	1	17	11	0	0	0	1	6	15	9	2	3	0	3	1	4	4	5
			7	147	1018·8	–	51·0	2·5	10·6	82	6·0	2	10	1	11	7	0	0	0	0	2	2	19	8	0	0	0	3	5	22	11	3	4	4	1	2	4	8	4
			13	147	1018·2	–	58·5	6·1	10·9	64	6·4	2	6	6	10	7	0	0	0	0	0	3	9	6	13	0	0	1	14	16	0	3	4	3	1	3	8	7	2
			18	147	1017·7	–	57·4	5·5	10·9	68	6·3	4	4	5	9	9	0	0	0	0	0	0	12	8	9	2	0	2	11	18	0	3	2	2	1	1	5	14	3
8b ENGLAND, S.W.																																						
Somerset	Bath	.. ..	9	113	1018·1	+2·6	56·2	5·2	10·5	68	5·7	6	4	6	6	9	0	0	0	0	0	0	4	3	24	0	2	2	10	17	0	2	5	5	3	0	7	8	1
	Bristol (Airport)	H	1	236	1018·5	–	48·1	1·7	10·2	88	4·1	12	5	3	5	6	0	0	0	0	0	3	16	8	4	0	0	1	8	14	8	3	3	0	3	5	2	6	1
			7	236	1018·4	–	50·4	1·9	11·0	87	6·6	2	7	1	14	7	0	0	1	0	0	1	13	11	5	0	0	2	5	18	6	3	4	2	1	4	2	8	1
			13	236	1017·9	–	50·5	6·2	11·8	66	6·3	2	8	3	10	8	0	0	0	0	0	1	5	4	19	2	0	3	11	17	0	4	4	4	2	5	2	9	1
			18	236	1017·3	–	58·6	5·0	11·8	71	5·9	2	8	5	8	8	0	0	0	0	0	1	4	5	20	1	0	0	9	20	2	2	4	3	1	3	5	9	2
Dorset	Holton Heath	H	9	58	1018·7	–	57·1	4·7	11·6	72	6·1	3	7	5	8	8	0	0	0	0	0	0	5	14	11	1	0	0	4	11	16	0	4	4	2	5	4	5	3	4
			15	58	1017·6	–	51·5	6·9	11·7	63	5·9	4	7	3	10	7	0	0	0	0	1	0	5	20	5	0	0	3	11	17	0	3	5	1	4	4	7	5	2
	Portland Bill	..	1	37	1018·2	–	52·0	1·7	11·7	87	6·0	7	1	5	8	10	0	0	0	0	0	0	0	14	17	0	0	2	15	14	0	4	5	4	0	1	7	6	4
			7	37	1017·9	+2·7	52·0	1·8	11·6	88	7·7	0	1	13	1	16	0	0	0	0	0	0	1	7	23	0	0	14	16	1	0	4	6	5	2	1	4	5	4
			13	37	1018·7	–	55·6	1·8	13·4	89	7·7	0	0	11	11	9	0	0	1	0	0	0	0	5	25	0	0	2	20	9	0	1	4	5	1	3	12	3	2
			18	37	1017·7	–	54·9	1·7	13·1	89	8·1	0	2	5	11	13	0	0	1	0	0	0	0	3	27	0	0	2	17	12	0	1	4	6	0	2	11	5	2
Devon	Hartland Pt.	..	1	305	1017·3	–	51·3	2·1	11·1	86	5·1	6	4	10	4	7	0	1	0	0	0	0	2	11	17	0	0	3	13	15	0	3	6	5	2	1	6	4	4
			7	305	1017·2	–	51·1	1·9	11·1	87	6·2	4	6	9	6	0	0	0	0	3	0	0	3	10	15	0	1	3	10	17	0	2	8	3	3	2	6	4	3
			13	305	1017·5	–	54·8	2·7	11·6	80	5·6	3	6	8	9	5	0	0	0	1	0	0	3	13	13	1	0	3	11	17	0	3	7	2	1	0	7	6	5
			18	305	1016·9	–	54·5	2·5	12·1	83	6·2	4	4	6	11	6	0	0	0	0	0	0	3	12	15	1	0	3	13	15	0	9	3	1	1	1	4	9	3
	Plymouth (Mount Batten)	H ..	1	27	1018·7	–	50·3	1·5	11·2	89	4·9	9	6	2	5	9	0	0	0	0	2	3	5	8	13	0	1	2	7	18	3	3	4	4	4	2	4	3	4
			7	27	1018·5	+3·4	51·7	2·0	11·3	85	6·5	4	5	3	10	9	0	1	0	1	2	2	7	5	12	1	1	2	6	21	1	3	2	6	4	1	6	4	4
			13	27	1018·6	–	57·7	4·2	12·3	76	6·5	2	8	0	12	9	0	0	0	0	0	1	6	6	12	5	2	1	17	11	0	2	4	5	0	4	11	4	1
			18	27	1018·1	–	56·8	3·9	12·1	77	6·8	3	5	3	12	8	0	0	0	0	0	0	6	7	13	5	0	3	11	17	0	2	3	4	1	3	8	7	3
Cornwall	The Lizard	..	1	240	1018·3	–	50·0	1·0	11·4	93	5·6	6	4	7	7	7	0	1	1	0	0	2	0	5	22	0	2	0	18	10	1	6	4	4	1	2	5	5	3
			7	240	1018·1	–	51·5	1·5	11·7	90	7·0	3	0	11	6	11	0	1	4	1	1	0	1	2	21	0	2	1	15	11	2	4	4	5	3	2	2	6	3
			13	240	1018·3	–	56·5	2·6	13·1	84	6·8	2	2	9	9	9	0	0	0	0	0	1	6	4	20	0	2	4	16	8	1	3	3	5	1	5	4	7	2
			18	240	1017·8	–	55·1	3·0	11·9	80	6·6	1	4	11	8	7	0	0	1	0	1	1	1	6	20	1	0	7	13	8	3	3	4	3	0	4	3	8	3
	Newquay	..	9	185	1017·5	+2·4	55·4	3·4	11·7	78	6·2	6	5	2	7	11	0	0	0	0	0	0	2	3	22	4	2	4	13	12	0	6	1	2	2	4	6	8	2
NORTHERN IRELAND																																						
Antrim	Aldergrove	H	1	271	1017·0	–	45.7	1·5	9·4	88	5·2	4	7	5	9	5	0	0	0	0	0	0	6	8	17	0	0	1	2	20	8	1	2	2	2	6	4	4	2
			7	271	1016·9	–	47.9	2·0	9·8	85	6·9	1	7	2	15	6	0	0	0	0	0	1	5	11	12	2	0	0	3	22	6	1	2	0	2	5	3	6	7	2
			13	271	1016·3	–	55·6	5·8	9·8	65	7·5	0	5	6	9	11	0	0	0	0	0	1	4	4	10	12	0	0	3	27	1	4	1	2	2	5	3	10	3
			18	271	1015·9	–	55·0	5·3	10·1	68	7·0	1	6	4	9	11	0	0	0	0	0	0	4	3	11	13	0	0	4	26	1	2	1	2	3	3	6	8	5
Armagh	Armagh	.. H	9	209	1016·8	+2·5	53·7	4·4	10·2	72	6·6	0	6	9	8	8	0	0	0	0	0	0	2	3	26	0	0	0	5	26	0	5	1	1	6	3	3	10	2
			21	209	1016·5	–	49·5	2·5	10·1	82	5·1	1	14	1	3	12	0	0	0	0	0	0	1	3	27	0	0	1	6	24	0	5	1	2	3	8	4	3	5
Scilly	St. Mary's	..	1	199	1018·3	–	51·0	1·5	11·4	89	5·2	9	5	1	8	8	0	2	1	0	0	0	5	11	12	0	1	4	18	8	0	6	4	3	2	3	5	4	4
			7	199	1021·2	+6·1	52·1	1·9	11·5	87	7·0	4	3	2	14	8	0	0	0	1	0	0	1	8	7	14	0	1	7	13	10	0	5	5	3	0	4	6	5	3
			13	199	1018·5	–	56·6	3·3	12·4	79	6·9	1	5	4	16	5	0	0	0	1	1	1	6	10	11	1	1	1	2	20	8	0	6	3	4	1	2	8	5	2
			18	199	1017·9	–	54·6	3·0	11·7	81	7·0	4	2	5	10	10	0	0	0	0	0	2	5	10	13	1	0	5	15	11	0	8	3	1	2	3	8	3	3
GIBRALTAR		.. .. H	1	400	1019·2	–	52·5	3·8	15·3	79	2·2	13	12	1	5	0	0	0	0	0	0	1	0	2	17	11	0	1	11	13	6	0	7	4	1	0	0	10	3
			7	400	1019·3	–	52·7	3·8	15·3	79	3·7	4	15	4	6	2	0	0	1	0	0	1	0	3	18	8	0	1	12	17	1	0	7	6	0	0	1	14	2
			13	400	1019·6	–	59·4	7·5	15·7	64	3·6	2	16	6	6	1	0	0	0	0	0	0	1	2	19	9	0	0	20	10	1	0	7	8	0	0	4	10	1
			18	400	1018·4	–	58·5	7·6	15·9	72	3·3	1	20	4	5	1	0	0	0	0	0	0	0	4	15	12	0	0	17	13	1	0	7	7	0	0	4	12	0
MALTA		.. .. H	1	234	1016·5	–	62·8	3·2	16·1	83	3·1	14	8	0	5	4	0	0	0	0	0	0	3	8	20	0	0	0	7	22	2	2	4	3	3	0	5	7	5
			7	234	1016·9	–	65·3	4·8	15·9	75	3·5	11	8	1	10	1	0	0	0	0	0	0	3	3	20	5	0	2	2	26	1	3	6	4	1	2	2	1	11
			13	234	1017·0	–	59·7	7·7	15·6	64	3·3	5	16	3	5	2	0	0	0	0	0	0	2	3	20	6	0	2	6	23	0	5	8	5	0	1	4	2	6
			18	234	1016·4	–	56·1	5·0	16·2	74	3·6	6	14	2	7	2	0	0	0	0	0	0	3	2	20	6	0	0	9	20	2	4	3	2	2	2	3	5	8

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MONTHLY WEATHER REPORT OF THE METEOROLOGICAL OFFICE

SUMMARY OF OBSERVATIONS COMPILED FROM RETURNS OF OFFICIAL STATIONS AND VOLUNTEER OBSERVERS

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JUNE, 1943.—Mainly unsettled until the 25th; then fair generally.

The first three weeks were mainly unsettled with rather frequent local thunderstorms. In England improved conditions became established on the 21st and persisted for the most part until the end of the month. In the west and north the weather continued rather unsettled until the 25th but from the 26th onwards fair weather prevailed generally.

During the opening days a complex depression and associated secondary depressions moved north-east across the British Isles. Rain or showers occurred with local thunderstorms. On the 4th and 5th depressions moved eastward over Scotland giving further rain, but on the 5th the amounts in the south were mainly slight. Subsequently, Atlantic depressions moved north-east along our north-west seaboard, while associated troughs of low pressure moved over the British Isles; a spell of rather warm, very close weather ensued with some rain in the west and north but not much in the south-east. Local thunderstorms were reported from the 10th–12th. On the 12th a depression south of Iceland moved slowly north-east and a large anticyclone off our south-west coasts spread north-east: there were showers, chiefly in the west and north but sunshine records were very good on the whole. From the 14th–16th a depression south-east of Iceland moved slowly east-south-east: a spell of cool, showery weather prevailed, with widespread thunderstorms: in some places the storms were accompanied by heavy hail, which caused considerable local damage to fruit and vegetable crops. On the 17th a wedge of high pressure passed east over the British Isles and was associated with a fair, sunny day in most areas, though a trough off the west of Ireland moving east caused rain in Ireland and the extreme west of Britain, mostly later in the period.

From the 18th–20th depressions moved east-north-east along our north-west seaboard. Rain was general, and heavy in the west and north on the 18th and rain or showers occurred in the west and north on the 19th and 20th, but weather was mainly fair in east and south-east England. Showery weather with bright periods prevailed in Ireland and west and north Scotland on the 21st and fair, sunny weather in England and east Scotland. Thereafter, high pressure off our south-west coasts spread north-east, but troughs of low pressure associated with depressions moving east-north-east on the Atlantic caused further rain in the west and north, though fair weather was enjoyed over much of England.

By the 26th anticyclonic conditions were established over the whole country and persisted for the remainder of the month. Temperature rose, particularly in the west and north and some excellent sunshine records were reported. In eastern districts sunshine was less abundant and temperature was not very different from the average.

Pressure and Wind.—Mean pressure was not very different from the average in Scotland but somewhat exceeded the average in England, the excess being greatest in the south. At 7h. the deviation ranged from −0·8 mb. at Stornoway to +4·0 mb. at Plymouth. On the whole the total run of the wind was greater than the average in the south of England but less than the average in the north of the British Isles. The prevailing winds were from between south and north-west. Among the highest speeds registered in gusts were 68 m.p.h. at Gorleston, 59 m.p.h. at Kingsway, London and 58 m.p.h. at St. Mary's, Scilly on the 2nd and 54 m.p.h. at both Lerwick and Kirkwall on the 21st.

Temperature.—Mean temperature somewhat exceeded the average on the whole, the excess being greatest in Scotland, E. and England, NE. where it amounted to 1·5°F. A cool spell occurred from the 13th–18th and it was rather cool at times during the first week. Warm, close weather occurred from about the 9th–12th and high day temperatures were registered at times during the last week, particularly in the west and north from the 28th–30th.

The extremes for the month were:—(England and Wales) 82°F. at Welshpool on the 28th and at Cullompton on the 29th, 34°F. at Castleton on the 17th; (Scotland) 84°F. at Glasgow on the 29th, 31°F. at Dalwhinnie on the 9th; (Northern Ireland) 79°F. at Armagh on the 28th and 38°F. at Aldergrove on the 17th.

Precipitation.—The general precipitation expressed as a percentage of the average for the period 1881–1915 was 94 over England and Wales, 131 over Scotland and 131 over Northern Ireland. In Scotland less than the average occurred over most of the north-east, around Edinburgh, in the Orkneys and locally in the Shetlands. On the other hand the excess was great in the Western Highlands and the southern Uplands: more than twice the average was measured locally in the Western Highlands. In England and Wales more than the average was received over Wales, most of north-west England and a part of Devon and Somerset as well as in a strip across England from Lowestoft to north Stafford and at one or two isolated stations. Less than 50 per cent. was received over part of Hampshire and locally in Wiltshire and at one or two places on the south coast. In Northern Ireland the excess was general.

Thunderstorms occurred on numerous occasions in the first half of the month, for example from the 1st–3rd, 6th, and 10th–16th. They were widespread on the 14th–16th, and on the 15th and 16th were accompanied in some parts by unusually heavy hail.

Among heavy daily falls of rain were:—

1st. 1·65 in. at Cathedine Rectory (Brecon) and 1·64 in. at Crickhowell.
7th. 1·66 in. at Blaenau Festiniog (Merioneth).
12th. 1·67 in. at Glenquoich (Inverness-shire).
18th. 4·24 in. at Machynlleth (Montgomery), 3·92 in. at Blaenau Festiniog, and 2·35 in. at Lake Vyrnwy.
22nd. 1·80 in. at Kingairloch (Argyll-shire).

Sunshine.—Broadly speaking sunshine was deficient in the west and north of Scotland and in south-west England and south Wales. Elsewhere in England the distribution was variable and on the whole was not very different from the average. In parts of northern England, however, particularly the north-west, there was a considerable excess. Some excellent records were made during the last week.

Fog.—There was not a great deal of fog but it was reported most frequently in the south-west, particularly on the south-west coasts and in the extreme north of Scotland. The period of most considerable fog occurred from the 8th–10th, and fog was persistent and thick at times at the mouth of the English Channel on the 4th.

Miscellaneous Phenomena.—Solar halos were noted at Oxford on 12 days. During a thunderstorm near Lowestoft on the 15th, unusually large hailstones fell, some of which had a diameter of 1¼ inches. A waterspout was seen at Stornoway, in the Northern Hebrides on the 15th.

Meteorological Office, Air Ministry: Nelson K. Johnson, K.C.B., D.Sc., Director. 2 *August*, 1943

MWR dup

TABLE I—DISTRICT VALUES— JUNE, 1943

[1908, revised 1928 and 1941]

DISTRICTS	AIR TEMPERATURE			EARTH TEMPERATURE		RAINFALL		SUNSHINE	
	Highest	Lowest	Daily Mean Difference from Average	At 1 ft Difference from Average	At 4 ft Difference from Average	Percentage of Average	No. of Days Difference from Average	Percentage of Average	Percentage of Possible Duration
	°F	°F	°F	°F	°F	%		%	%
0 SCOTLAND, N.	80	31	+1·2	—	—	118	+3	85	25
Eastern									
1 SCOTLAND, E.	78	34	+1·5	—	—	119	+2	98	35
2 ENGLAND, N.E.	76	34	+1·5	+1·0	+0·7	91	0	106	38
3 ENGLAND, E.	80	37	+1·0	+0·2	+0·1	78	−2	99	42
4 MIDLAND COUNTIES	81	37	+1·0	+0·5	+1·5	70	−1	98	37
5 ENGLAND, S.E.	80	36	+0·7	+1·4	+1·1	64	−1	99	43
Western									
6 SCOTLAND, W.	84	33	+0·6	−0·9	−0·8	154	+6	93	35
7 ENGLAND, N.W. (*and N. Wales*)	82	37	+0·9	+0·7	+1·4	125	+3	114	45
8 ENGLAND, S.W. (*and S. Wales*)	82	35		−0·2	+0·6	96	+1	94	42
NORTHERN IRELAND	79	38	+1·3	—	—	138	+7	104	36
MEAN 0, 1, 6 ..	—	—	+1·1	—	—	—	—	92	32
MEAN 2, 3, 4, 5, 7, 8	—	—		—	—	—	—	102	41

TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— JUNE, 1943

[1914]

DISTRICT AND STATION	Height of Vane			Distribution of Wind ‡‡								Extreme Velocities								
				More than 38 mi/hr		25 to 38 mi/hr		13 to 24 mi/hr	4 to 12 mi/hr	Less than 4 mi/hr	No Record	Highest Hourly Wind				Highest Gust				
	Above Mean Sea Level	Above Ground	Effective Height	Dates of Occurrence	Duration	No. of days	Duration	Duration	Duration	Duration	Duration	Veer from N.	Speed		Hour ended at	Speed		Time		
	ft	ft	ft		hr		hr	hr	hr	hr	hr	°	mi/hr	m/s	day hr	mi/hr	m/s	d	h	m
0 SCOTLAND, N.																				
Shetland Lerwick	310	53	39	–	0	8	33	429	225	33	0	240	37	16	21 17	54	24	21	15	10
Orkney Kirkwall	170	40	35	–	0	3	10	164	427	119	0	180	30	13	7 15	54	24	21	15	20
Hebrides Stornoway	120	40	36	–	0	14	67	268	216	169	0	190	34	15	12 05	50	22	12	02	55
1 SCOTLAND, E.																				
Aberdeen Aberdeen	120	41	32	–	0	0	0	41	523	156	0	190	17	8	20 17	37	17	20	19	40
Angus Bell Rock Lighthouse	130	—	126	–	0	9	69	309	205	137	0	270	34	15	19 06	47	21	12	13	30
Edinburgh Edinburgh	485	39	23	–	0	3	10	207	375	128	0	190	31	14	22 14	47	21	22	15	05
6a SCOTLAND, W.																				
Argyll Tiree	75	50	42	–	0	9	43	266	368	93	0	230	28	13	12 10	43	19	12	05	20
Renfrew Paisley	188	81	31	–	0	0	0	126	464	130	0	240	20	9	18 24	53	24	19	01	50
Renfrew (Abbotsinch)	65	46	34	–	0	1	1	128	396	195	0	250	26	12	19 01	48	21	12	13	00
Dumfries Eskdalemuir ..	825	50	35	–	0	5	34	195	315	176	0	200	33	15	20 17	51	23	20	15	40
6b ISLE OF MAN																				
Isle of Man Point of Ayre ..	70	40	35	–	0	7	40	325	260	93	2	240	32	14	20 19	49	22	20	18	05
2 ENGLAND, N.E.																				
Durham South Shields ..	73	57	44	–	0	0	0	119	392	209	0	350	22	10	3 12	39	17	19	16	20
Durham	389	53	33	–	0	1	1	179	391	133	16	230	25	11	19 15	48	21	19	14	50
Yorks.,N.R. Catterick	220	45	33							Anemometer		dismantled								
Yorks.,E.R. Spurn Head ..	64	42	34	–	0	5	19	428	268	5	0	360	28	13	3 15	41	18	19	17	35
Lincoln Cranwell	284	43	33	–	0	2	2	251	383	84	0	(230)	25	11	19 16	43	19	19	16	50
3 ENGLAND, E.																				
Norfolk Gorleston	52	42	34	–	0	2	2	168	459	91	0	190	29	13	2 12	68	30	2	12	05
Suffolk Mildenhall	98	83	58	–	0	1	3	210	448	51	8	220	27	12	1 14	49	22	1	16	30
Bedford Cardington ..	285	150	135	–	0	2	17	334	332	37	0	190	31	14	1 14	47	21	1	14	00
Dunstable	567	55	33	–	0	0	0	290	409	20	0	190	20	9	1 15	40	18	1	15	30
Essex Shoeburyness ..	115	104	89	–	0	2	11	151	481	77	0	210	27	12	1 17	44	20	2	15	35
4 MIDLAND COUNTIES																				
Leicester Leicester	385	60	33	–	0	0	0	38	480	202	0	300	17	8	3 17	38	17	1	13	00
Warwick Birmingham ..	643	118	73	–	0	1	1	377	310	32	0	210	25	11	19 14	45	20	19	15	35
5 ENGLAND, S.E.																				
London Kingsway	222	151	30	–	0	1	1	134	440	86	59	260	25	11	2 15	59	26	2	13	40
Southgate	222	30	—	–	0	0	0	4	207	499	0	–	14	6	1 15	33	15	2	10	50
Surrey Kew Observatory ..	92	75	50	–	0	1	1	138	453	128	0	230	25	11	1 17	48	22	1	16	50
Kent Lympne	418	76	48	–	0	2	9	175	463	73	0	230	32	14	2 14	52	23	2	12	40
Manston	199	46	40	–	0	2	6	118	489	107	0	220	26	12	1 14	42	19	1	15	50
Hants Thorney Island ..	75	65	45	–	0	2	3	189	398	130	0	220	26	12	2 12	48	21	2	12	00
Wiltshire Boscombe Down ..	462	45	33	–	0	2	6	141	398	175	0	210	28	13	1 16	51	23	2	11	55
Larkhill	491	51	36	–	0	2	10	216	430	64	0	280	32	14	2 12	52	23	2	11	30
7a ENGLAND, N.W.																				
Lancashire Fleetwood	112	50	31							Defective		Record.								
Southport	60	42	33	–	0	9	59	316	255	90	0	250	32	14	18 21	45	20	18	21	10
Cheshire Bidston Obs'y. ..	262	64	39	–	0	2	14	302	367	37	0	280	27	12	2 22	50	22	3	00	45
Manchester (Ringway) ..	315	80	40	–	0	7	17	331	271	101	0	190	33	10	19 17	47	21	19	16	15
7b NORTH WALES																				
Anglesey Holyhead	68	43	35	–	0	6	30	425	216	42	7	290	32	14	3 07	48	21	20	17	40
Flint Sealand	81	65	42	–	0	2	20	150	309	241	0	320	30	13	3 01	50	22	19	12	30
8a SOUTH WALES																				
Pembroke St. Ann's Head ..	212	70	—	–	0	8	67	258	288	107	0	260	31	14	18 14	49	22	3	00	55
8b ENGLAND, S.W.																				
Devon Plymouth	185	88	65	–	0	3	20	200	369	130	0	–	34	15	1 09	44	20	2	06	25
Cornwall The Lizard	315	75	60							Anemometer		dismantled								
Pendennis Castle ..	256	65	42	1	3	8	61	197	289	168	2	250	40	18	1 13	52	23	1	14	20
NORTHERN IRELAND																				
Antrim Aldergrove	328	60	42	–	0	0	0	43	362	315	0	240	21	9	22 17	38	17	23	12	40
SCILLY ISLES																				
St. Mary's	230	65	57	–	0	9	97	328	281	14	0	270	38	17	2 07	58	26	2	06	10

MONTHLY WEATHER CHARTS JUNE 1943

1. WIND AND MEAN PRESSURE. 7A.M.

The dotted lines indicate the normal distribution of pressure in millibars based on 30 years' observations, 1901 - 1930

1013 1014 1015 1016 1017 1018 1019 1020 1021

WIND ROSES. *The arrows fly with the wind and indicate frequency and force, thus :*

LIGHT MODERATE TO STRONG GALE — 30 Obs = 1 inch

2. MOVEMENTS OF DEPRESSIONS.

A B C D E F G

Positions of centres are shewn thus:- O at 1h; ● at 7h; □ at 13h; X at 18h.

3. DISTRIBUTION OF MEAN TEMPERATURE

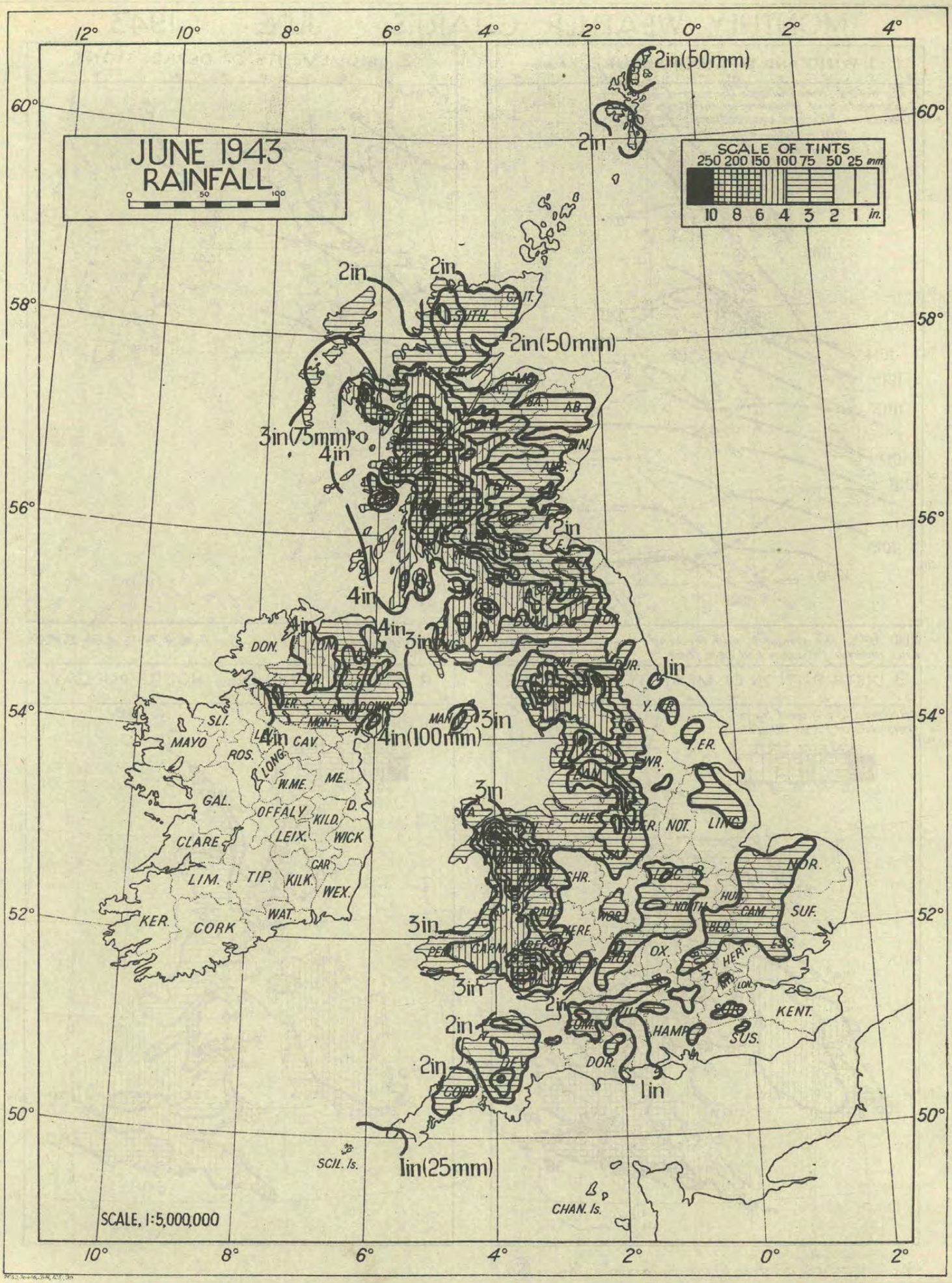
Reduced to sea level by a correction of 1°F. for 300 ft.

SCALE OF TINTS 60° 58° 56° 54° 52° °F

Sea temperatures are shewn by figures in circles, thus : (50)

4 BRIGHT SUNSHINE, HOURS PER DAY

SCALE OF TINTS 8·0 7·0 6·0 5·0 4·0 hrs



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

TABLE III—Summary of Observations of Temperature, Rainfall, Sunshine and Weather JUNE, 1943

District, County and Place		Terminal Hours of Observation: Max. Min. Rain	Height of Station above Mean Sea Level	Air Temperature in Degrees Fahrenheit: Means of A Max.	B Min.	Mean of A and B	Difference from Average	Absolute Maximum and Minimum: Maximum	Date	Minimum	Date	Earth Temperature 1 ft	4 ft	Rainfall: Total Fall		Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n 0·1in (0·2mm) or more	·04in (1·0mm) or more	Snow	Snow lying	Hail	Thunderstorm	Fog (Morn'g Obs.)	Ground Frost	Gale	Bright Sunshine: Daily Mean	Percentage: of Average	of Possible
		G.M.T.	ft	°F	°F	°F	°F	°F		°F		°F	°F	mm	in	%	in											hr	%	%
0	SCOTLAND, N.											**SCOTLAND**																		
Shetland	Baltasound ..	9 9 9	31	55·1	47·3	51·2	+1·4	60	20	37	7	51·6	–	58	2·29	116	·68	11	26	12	0	0	0	0	1	–	0	3·25	63	17
	Lerwick Obsy. ¶§	9 9 9	269	54·9	46·9	50·9	+2·1	62	28	38	5	–	–	29	1·13	63	·25	11	15	8	–	–	–	–	3	–	–	3·83	69	21
	Sumburgh (Links)	18–7 7	19	54·4	48·0	51·2	–	61	29	38	6	–	–	22	·88	–	·20	18	12	6	0	0	0	0	2	0	0	–	–	–
Orkney	Kirkwall .. ¶§	9 9 9	113	57·6	48·1	52·9	+1·7	63	20	40	6	53·1	–	40	1·59	82	·29	1	17	12	0	0	0	1	1	1	0	5·16	98	28
Hebrides	Benbecula ..	18–7 7	27	58·0	49·1	53·5	–	70	28	46	2,15,17	–	–	74	2·90	–	·56	9	20	17	0	0	0	0	0	0	0	–	–	–
	Castlebay ..	9 9 9	—																											
	Stornoway ¶§	18–7 7	12	57·6	47·7	52·7	+0·8	66	29	42	15	–	–	69	2·70	123	·45	20	17	12	0	0	0	0	0	0	0	3·95	71	22
Skye	Duntuilm ..	9 9 9	294	57·7	47·8	52·7	–	68	29	44	2,15,17	–	–	75	2·97	–	·48	18	20	16	0	0	0	2	1	0	3	4·95	–	28
Caithness	Wick	18–7 7	114	57·9	47·1	52·5	+2·4	65	29	40	6	–	–	45	1·76	98	·39	4	18	12	0	0	0	0	4	0	0	–	–	–
Sutherland	Cape Wrath ..	18–7 7	367	55·3	46·4	50·9	–	66	7,9	40	5,6	–	–	66	2·58	–	·35	18	18	15	0	0	0	0	4	0	0	–	–	–
Ross & Cromarty	Achnashellach ..	9 9 9	225	61·8	46·5	54·1	+0·4	79	29	38	17	–	–	138	5·42	144	·80	22	23	20	0	0	0	0	0	–	0	–	–	–
	Fortrose	9 9 9	69	62·7	48·4	55·5	+1·5	71	10	40	7	–	–	37	1·46	–	·26	1	15	11	0	0	0	0	0	–	0	5·79	94	32
	* Invergordon ..	18–7 7	26	61·8	47·1	54·5	–	71	10	39	7	–	–	48	1·89	–	·35	15	15	11	0	0	0	0	0	0	0	–	–	–
Inverness	Dalwhinnie ..	18–7 7	1176	60·1	43·4	51·7	–	75	28	31	9	–	–	94	3·70	–	·63	20	21	16	0	0	0	0	0	6	0	5·08	–	29
	Ft. Augustus ¶§	9 9 9	68	62·0	47·8	54·9	+1·2	73	27	40	9	–	–	122	4·79	236	·80	2	22	18	0	0	0	0	0	–	0	3·87	83	22S
	Ft. William ..	9 9 9	34	61·4	47·6	54·5	–0·6	79	29	42	9,16,18	55·9	52·1	200	7·86	221	1·08	18	21	19	0	0	1	0	0	0	0	4·26	75	24S
	Inverness ¶§	9 9 9	242	61·0	47·4	54·2	+0·1	70	10,29	41	7	–	–	42	1·67	88	·33	1	17	13	0	0	0	0	0	0	0	5·64	102	32
	Onich	9 9 9	48	61·4	48·1	54·7	–	80	29	39	16	–	–	171	6·72	185	1·09	18	23	21	0	0	0	0	0	1	0	3·27	62	19S
1	SCOTLAND, E.																													
Nairn	Nairn .. ¶§	9 9 9	20	61·4	47·3	54·3	+0·5	74	10	40	7,18	–	–	34	1·35	77	·20	2	14	9	0	0	0	0	2	0	0	5·67	100	32
Moray	Forres	9 9 9	155	63·5	47·5	55·5	–	74	10	40	7	–	–	43	1·70	–	·26	1	14	13	0	0	0	1	0	1	0	6·62	–	37
	Gordon Castle ..	2121 9	104	63·0	48·4	55·7	+1·6	75	9	42	7	–	–	29	1·15	56	·21	4	14	11	0	0	0	1	–	–	0	–	–	–
	Lossiemouth ..	18–7 7	21	62·1	47·7	54·9	–	76	9	38	7	–	–	32	1·25	–	·32	1	16	11	0	0	0	1	0	–	0	–	–	–
Banff	Banff	9 9 9	130	60·8	49·4	55·1	+2·1	71	11	43	7	–	–	29	1·14	64	·41	1	14	7	0	0	0	0	0	0	0	6·27	105	35
Aberdeen	Aberdeen ¶§	242424	79	60·2	49·7	54·9	+2·0	68	8	41	16	55·5	51·4	56	2·20	129	·65	23	9	7	0	0	1	2	1	0	0	5·99	100	34
		18–7 –	—	60·5	48·9	54·7	+1·5																							
	Balmoral	9 9 9	927	62·1	45·4	53·7	+2·0	74	29,30	37	22	–	–	36	1·40	82	·44	15	18	9	0	0	0	0	–	1	0	–	–	–
	Braemar	2121 9	1111	61·0	44·3	52·7	+1·2	76	27,28	35	18	–	–	43	1·71	87	·26	16	16	12	0	0	0	2	0	0	0	5·63	–	32S
	Craibstone ..	9 9 9	300	60·7	47·1	53·9	+1·5	67	8,19	40	16	55·2	50·4	57	2·23	122	·57	23	16	11	0	0	2	3	–	0	–	6·32	99	36
	Dyce	18–7 7	241	60·7	46·7	53·7	–	68	8	36	16	–	–	50	1·96	–	·55	23	13	11	0	0	1	1	1	1	0	–	–	–
	Tarland	9 9 9	540	62·8	46·3	54·5	–	73	28	37	7	–	–	56	2·19	–	·62	15	14	9	0	0	1	3	–	–	0	–	–	–
Kincardine	Stonehaven ..	9 9 9	12	61·1	47·6	54·3	–	70	29	41	16	–	–	30	1·17	–	·31	14	15	9	0	0	0	1	0	–	0	6·51	–	37
Angus	Arbroath	9 9 9	93	61·9	48·0	54·9	+1·4	70	25	41	16	–	–	29	1·16	70	·33	4	10	6	0	0	0	2	0	0	0	7·35	107	42
	Buddon Ness ..	9 9 9	15	61·3	47·4	54·3	–	70	25	36	18	–	–	35	1·36	–	·38	4	18	11	0	0	0	3	0	–	0	–	–	–
	Dundee .. ¶§	9 9 9	147	65·2	49·0	57·1	+2·6	76	27	43	16	57·2	–	77	3·04	180	·61	2	20	16	0	0	0	3	–	0	0	5·69	90	33
	Kettins	9 9 9	218	64·1	47·2	55·7	+1·4	75	29	41	17	53·8	–	51	2·02	97	·41	15	18	12	0	0	1	4	0	0	0	–	–	–
	Montrose	9 9 9	16	61·5	47·9	54·7	+1·8	71	29	40	9,16	–	–	23	·89	–	·26	5	9	6	0	0	0	2	0	0	0	6·55	100	37
	,, (Airfield)	18–7 7	22	61·5	48·6	55·1	–	73	29	41	16	–	–	28	1·09	–	·26	14	12	8	0	0	0	1	0	0	0	–	–	–
Perth	Errol	18–7 7	31	63·8	46·7	55·3	–	70	9,29	40	18	–	–	47	1·87	–	·30	18	17	12	0	0	0	2	0	0	0	–	–	–
	Longforgan ..	9 9 9	166	62·8	47·7	55·3	–	69	9,25,29	43	16	–	55·7	56	2·20	–	·40	1	21	10	0	0	1	4	0	0	0	6·03	–	34
	Perth	9 9 9	76	65·2	48·6	56·9	+1·0	78	29	42	17	–	–	73	2·87	146	·54	4	20	14	0	0	0	3	–	–	0	6·12	92	35
Fife	Cupar	9 9 9	210	63·7	48·0	55·9	+1·4	71	29	43	17,18	–	–	53	2·07	–	·50	4	19	11	0	0	1	1	–	–	0	–	–	–
	Dunfermline ..	9 9 9	237	63·2	48·8	55·8	–	72	29	40	18	57·3	53·0	69	2·71	–	·82	4	20	12	0	0	0	2	0	0	0	5·76	–	33
	Kirkcaldy ..	9 9 9	137	64·8	48·3	56·5	+1·0	71	27	42	6	–	–	68	2·69	–	·68	4	16	12	0	0	0	1	–	–	0	5·34	–	31
	Leuchars ..	18–7 7	36	63·4	48·7	56·1	+2·2	69	25	42	5	–	–	46	1·81	108	·27	3	15	11	0	0	0	5	0	0	0	7·03	104	40
	Lundin Links ..	9 9 9	40	61·6	48·2	54·9	–	69	25	41	18	–	–	43	1·68	–	·32	4	14	9	0	0	0	1	0	–	0	6·15	–	35
	St. Andrews ..	9 9 9	13	62·6	48·8	55·7	+1·4	69	25	41	18	52·5	51·4	51	2·01	112	·42	4	17	12	0	0	0	1	0	0	0	6·86	104	39
Mid Lothian	Balerno	9 9 9	750	61·6	47·1	54·3	–	72	29	42	22	–	–	51	2·01	–	·53	4	19	11	0	0	0	0	0	0	0	6·37	–	37
	Edinburgh—																													
	Blackford H. ¶§	2121 9	441	62·3	49·7	56·0	+1·8	71	29	46	6,16,17	–	–	44	1·74	87	·65	4	17	10	0	0	1	2	2	0	0	6·71	104	39
	Botanic Garden	9 9 9	74	64·0	48·8	56·4	–	70	26	42	4,7,18	–	–	55	2·15	–	·95	4	15	11	0	0	0	2	0	0	–	6·68	–	38
	Univ. King's B.	9 9 9	225	64·2	48·9	56·5	–	71	29	43	9,18	56·1	52·6	46	1·81	–	·67	4	15	11	–	–	–	–	–	–	–	–	–	–
	Boghall	9 9 9	639	62·5	46·9	54·7	+1·2	74	29	42	18	57·2	51·4	52	2·03	–	·46	4	19	10	0	0	0	0	0	0	0	5·93	92	34
	Liberton ..	9 9 9	190	64·8	48·7	56·7	–	73	29	41	17	–	–	46	1·81	–	·66	4	16	10	0	0	0	0	–	–	–	–	–	–
E. Lothian	Dunbar	9 9 9	75	62·3	47·8	55·1	–	68	19	44	2,17,18	–	–	44	1·72	–	·53	4	10	9	0	0	0	0	0	0	0	7·35	–	42
	N. Berwick ..	9 9 9	118	62·8	47·9	55·3	+0·7	69	9,10	41	18	–	–	42	1·66	106	·47	4	12	8	0	0	0	0	0	–	0	6·31	93	36
Berwick	Marchmont ¶§	9 9 9	498	62·4	45·9	54·1	+0·4	70	9	40	18	–	–	70	2·77	120	·55	4	19	12	0	0	0	0	–	–	0	6·04	95	35S
	St. Abb's Head	18–7 7	280	60·7	49·7	55·2	–	67	11	45	14	–	–	48	1·91	–	·48	2	11	9	0	0	0	2	1	–	0	–	–	–
Peebles	Peebles	9 9 9	—	63·0	44·9	53·9	–	75	29	34	9,17	–	–	72	2·84	–	·59	5	20	17	0	0	0	0	0	0	0	5·27	–	30
	West Linton ..	9 9 9	820	62·0	45·2	53·6	+1·4	74	29	36	9	57·0	51·3	82	3·23	–	·59	18	22	20	0	0	0	1	2	1	0	–	–	–
Roxburgh	Kelso (Br'ml'ds)	9 9 9	193	62·5	47·8	55·1	+0·2	71	9	42	18,27,28	–	–	90	3·55	168	·96	2	21	15	0	0	1	3	0	–	–	–	–	–
	Wolfelee	9 9 9	537	62·7	45·6	54·1	+0·4	74	27	40	4,17	–	–	89	3·52	150	1·03	5	21	15	0	0	0	4	0	–	0	–	–	–

¶§. § *See* Notes on Tables in Annual Summary.

* Station transferred to Alness on March 24th, 1943

TABLE III (*continued*)—Summary of Observations of Temperature, Rainfall, Sunshine and Weather JUNE, 1943

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation: Max. Min. Rain	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES FAHRENHEIT: Means of A Max.	Means of B Min.	Mean of A and B	Difference from Average	Absolute Maximum and Minimum: Maximum	Date	Minimum	Date	Earth Temperature 1 ft	4 ft	RAINFALL: Total Fall mm	Total Fall in	Percentage of Average	Most in a day: Amount	Most in a day: Date	WEATHER Number of days: Precip'n 0·1in (0·2mm) or more	Precip'n 0·4in (1·0mm) or more	Snow	Snow lying	Hail	Thunderstorm	Fog (Morn'g Obs.)	Ground Frost	Gale	BRIGHT SUNSHINE: Daily Mean	Percentage: of Average	Percentage: of Possible
		G.M.T.	ft	°F	°F	°F	°F	°F		°F		°F	°F	mm	in	%	in											hr	%	%
6a SCOTLAND, W.																														
Argyll	Ardtornish ..	2121 9	48																											
	Colonsay ..	9 9 9	87	59·4	48·4	53·9	–	71	28,30	40	13	–	–	103	4·04	–	·82	4	21	16	0	0	1	0	–	–	0	–	–	–
	Dunoon (Benmore)	9 9 9	46	63·4	47·2	55·3	–	82	29,30	39	4	57·0	53·7	163	6·40	–	·75	18	21	19	0	0	0	0	0	0	0	5·02	–	29S
	Dunoon	9 9 9	132	61·2	48·8	55·0	–	75	28	43	17	–	–	144	5·66	–	·76	4	19	19	0	0	1	0	0	–	–	6·21	–	36
	Glenbranter ..	9 9 9	120	63·1	45·9	54·5	+0·5	82	29	35	17	–	–	161	6·35	–	·86	22	20	19	0	0	0	0	0	–	–	–	–	–
	Oban	9 9 9	229	60·4	48·3	54·3	–	75	28,29,30	41	18	–	–	133	5·24	–	·74	22	20	19	0	0	0	0	0	0	0	4·71	78	27
	Tiree .. ¶§	18–7 7	44	58·4	49·3	53·9	+0·4	69	28	42	15	–	–	96	3·78	148	·58	22	18	15	0	0	0	0	0	0	0	6·07	81	35
Bute	Rothesay ¶§	2121 9	200	61·9	46·8	54·3	−0·2	79	29	43	4,15	56·4	52·0	125	4·91	160	·70	18	19	17	0	0	0	0	0	0	1	–	–	–
Dumbarton	Cardross	9 9 9	130	63.2	46·8	55·0	+0·3	82	29	40	17	–	–	86	3·40	–	·58	4	21	17	0	0	0	0	0	–	–	4·95	86	28S
	Helensburgh ..	9 9 9	293	63·1	47·9	55·5	0·0	82	29	41	4	–	–	89	3·52	119	·77	18	20	19	0	0	0	0	0	–	0	5·48	93	31
Stirling	Balfron	9 9 9	342	61·4	47·5	54·5	–	81	29	41	17	–	–	101	3·98	–	·85	4	20	17	0	0	0	0	0	–	0	–	–	–
	Stirling	9 9 9	151	64·5	50·0	57·3	+1·3	78	27	45	17	58·5	52·8	71	2·79	–	·70	4	21	16	0	0	0	0	0	–	–	5·47	92	31S
Renfrew	Greenock ..	9 9 9	199	63·2	49·9	56·5	+1·2	81	29	45	16	–	–	98	3·85	123	·81	4	19	17	0	0	0	0	0	0	0	6·51	–	37
	Paisley	2121 9	106	64·5	50·4	57·5	+1·0	82	29	46	16,17	58·8	53·1	61	2·40	97	·52	4	20	14	0	0	0	0	0	0	0	6·38	108	37
	Abbotsinch ¶§	18–7 7	19	64·4	49·3	56·9	+2·1	82	29	42	9,17	–	–	72	2·82	128	·44	4	20	14	0	0	1	0	0	0	0	6·38	109	37
Lanark	Carluke ..	9 9 9	534	62·3	48·0	55·1	–	77	29	42	16	–	–	72	2·84	–	·56	1	22	19	0	0	0	1	0	0	0	5·44	–	31
	Dungavel ..	9 9 9	798	60·8	44·4	52·6	+0·5	76	29	39	16	–	–	104	4·08	–	·69	18	24	20	0	0	0	0	0	0	0	–	–	–
	Glasgow, Spr.' Pk.	9 9 9	351	64·4	48·4	56·4	–	84	29	44	4	–	–	96	3·79	–	·63	4	23	21	0	0	0	0	–	0	–	5·93	–	34
Ayr	Auchincruive ..	9 9 9	89	63·3	49·0	56·1	–	75	28,29,30	41	17	57·7	53·6	83	3·27	–	·52	4	20	12	0	0	0	0	0	0	0	5·92	–	34
	Ayr	9 9 9	43	61·8	50·5	56·1	–	75	30	45	17	–	–	61	2·39	–	·48	18	16	15	0	0	0	0	0	0	0	6·22	–	36
	Colmonell ..	9 9 9	170	61·5	47·8	54·7	−0·2	76	30	37	17	–	–	86	3·39	134	·65	4	20	16	0	0	0	0	0	0	0	–	–	–
	Kilmarnock ..	9 9 9	130	64·3	48·4	56·3	+0·7	80	29	38	16	57·9	53·7	81	3·21	–	·55	18	20	14	0	0	0	0	0	0	0	6·39	104	37S
	Prestwick ..	9 9 9	17	60·8	51·1	55·9	–	75	30	46	17	–	–	71	2·81	–	·65	4	15	12	0	0	0	0	0	0	0	6·44	–	37
	Troon	9 9 9	15	60·3	51·1	55·7	–	73	30	48	27	–	–	72	2·84	–	·47	4	17	12	0	0	0	0	0	0	0	6·91	–	40S
	Turnberry ..	9 9 9	30	62·0	50·5	56·3	+1·3	74	28,30	45	17	–	–	78	3·07	153	·59	4	17	14	0	0	0	0	–	0	0	6·29	96	36
Dumfries	Dumfries .. ¶§	9 9 9	140	62·8	48·7	55·7	+0·2	78	29	41	16	56·3	52·6	83	3·27	129	·67	4	21	18	0	0	0	2	0	1	–	6·26	96	36
	Eskdalemuir ¶§	242424	794	60·8	44·1	52·5	+0·5	73	29	33	16	54·3	49·5	162	6·38	203	·87	1	24	21	0	0	1	1	3	3	0	5·12	88	30
		18–7 –	—	61·0	45·2	53·1	+0·7																							
	Ruthwell	2121 9	67	64·0	48·1	56·1	+0·4	79	29	38	16	–	–	72	2·83	–	·50	4	21	18	0	0	0	2	–	–	0	5·99	98	35S
Kirkcudbright	Glenlee	9 9 9	181	63·4	47·1	55·3	–	78	29	37	16,17	–	–	102	4·02	–	·64	4	21	17	0	0	0	0	0	0	0	–	–	–
Wigtown	Newton Stewart	9 9 9	75																											
6b ISLE OF MAN																														
Isle of Man	Douglas	9 9 9	284	60·5	49·8	55·1	+0·4	75	28,29	46	16,17	–	–	91	3·56	147	1·23	4	15	11	0	0	0	0	3	0	0	7·69	107	45
	Point of Ayre ..	18–7 7	30	63·3	50·4	56·9	–	72	28	46	24	–	–	67	2·62	–	·64	18	17	10	0	0	0	0	0	–	0	7·66	–	45
2 ENGLAND, N.E.																														
Northum-berland	Berwick-on-T. ..	9 9 9	76	61·2	49·2	55·2	+1·5	69	11	43	17	–	–	48	1·87	108	·74	4	13	10	0	0	1	4	0	0	0	6·70	108	39
	Bellingham ..	9 9 9	849	62·1	45·4	53·7	+0·3	72	29	40	16,17	–	–	89	3·52	153	·65	10	19	15	0	0	0	2	0	–	–	–	–	–
	Cockle Park ¶§	2121 9	325	63·6	47·7	55·7	+2·2	70	11	43	17	55·9	53·0	69	2·70	123	1·05	16	12	9	0	0	2	5	0	0	0	6·66	111	39
	Ouston	18–7 7	426	63·2	47·1	55·1	–	70	27	40	17	–	–	46	1·81	–	·41	16	17	10	0	0	0	3	1	–	0	–	–	–
	Tynemouth ..	18–7 7	108	61·9	51·1	56·5	+2·0	67	7,11,25	45	18	–	–	44	1·72	87	·55	15	13	8	0	0	0	4	0	0	0			
Durham	Chopwellwood ..	9 9 9	446	64·3	47·8	56·1	+2·0	72	9	41	16,17,18	–	–	51	2·02	96	·53	15	13	8	0	0	0	3	0	0	–	5·87	96	34
	Durham .. ¶§	2121 9	336	64·9	47·0	55·9	+1·4	73	24	39	18	–	–	30	1·18	62	·30	4	14	10	0	0	0	2	0	0	–	5·69	98	33
	Houghall ..	9 9 9	160	65·0	46·9	55·9	+0·6	72	9	36	18	–	–	31	1·22	–	·30	4	11	10	0	0	0	3	0	1	0	5·79	97	34
	Ushaw College ..	9 9 9	594	63·8	48·4	56·1	+1·5	71	9,27	43	18	–	–	30	1·18	55	·27	4	11	9	0	0	2	1	0	–	–	–	–	–
Yorks., N. Riding	Ampleforth ..	9 9 9	313	64·2	49·2	56·7	+1·2	71	9,27	42	17	–	–	60	2·37	–	·86	14	14	9	0	0	1	3	0	0	–	5·56	–	33
	Castleton ..	9 9 9	450	64·7	46·8	55·7	–	72	9,24	34	17	56·1	–	22	·87	–	·24	15	9	7	0	0	0	1	0	–	–	–	–	–
	*Catterick ..	18–7 7	175	64·9	49·2	57·1	–	75	9	41	18	–	–	27	1·08	–	·21	4	12	8	0	0	0	1	3	0	0	6·14	–	36
	Linton-on-Ouse ..	18–7 7	46	67·0	49·7	58·3	–	76	27	41	17	–	–	35	1·37	–	·20	16	11	10	0	0	0	5	0	0	0	–	–	–
	Redcar	9 9 9	25	63·9	50·4	57·1	–	73	11	42	27	–	–	28	1·10	–	·28	14	11	8	–	–	–	–	1	–	–	5·96	–	35
	Scarborough †¶§	9 9 9	118	64·5	50·7	57·6	+1·4	72	8,11	47	11,16,17	–	56·1	31	1·20	65	·33	14	10	8	0	0	0	1	2	0	–	6·20	101	36
	Thornaby ..	18–7 7	60	65·5	49·8	57·7	–	74	9	40	17	–	–	28	1·09	–	·27	2	14	9	0	0	2	3	2	0	0	–	–	–
	Whitby	9 9 9	148	63·6	49·2	56·4	–	75	11	42	17	–	–	42	1·67	–	·45	15	10	8	0	0	1	3	0	0	–	6·21	104	36
	York .. ¶§	9 9 9	57	66·8	50·8	58·8	+1·4	74	27	44	17	56·8	52·4	38	1·49	72	·34	1	13	8	0	0	0	6	–	–	–	7·13	123	42
Yorks., E. Riding	Bridlington ..	2121 9	76	64·9	48·1	56·5	+1·7	70	19	39	22	–	–	43	1·70	–	·36	16	11	7	0	0	0	3	1	–	–	5·33	89	31
	Driffield ..	18–7 7	65	65·4	49·2	57·3	–	73	11	41	22	–	–	33	1·31	–	·24	14	9	9	0	0	1	6	0	0	0	–	–	–
	Hull	2121 9	8	66·8	51·2	59·0	+2·2	75	11	43	17	60·1	53·9	40	1·57	76	·36	2	11	10	0	0	1	6	0	0	–	5·99	102	35
	Spurn Head ..	18–7 7	29	62·8	52·2	57·5	+1·6	70	11,19	47	18	–	–	33	1·29	73	·39	14	9	7	0	0	0	6	1	–	0	6.90	108	41
Lincoln	Boston—																													
	(Freiston Road)	2121 9	16	66·7	49·8	58·3	–	76	11	44	17,22	–	–	37	1·47	–	·27	3	13	8	0	0	2	5	1	0	–	–	–	–
	(North Sea Camp)	18–7 7	10	66·5	49·4	57·9	–	76	11	43	15,17	–	–	40	1·56	–	·31	2	12	8	0	0	1	6	1	–	–	6·60	–	40
	Cranwell .. ¶§	18–7 7	203	66·3	49·3	57·8	+0·9	74	11	43	22	59·4	56·3	57	2·25	134	·38	16	12	11	0	0	2	6	0	0	0	6·51	97	39
	Cleethorpes ..	9 9 9	23	65·4	51·1	58·3	+1·7	74	11	44	16	–	–	42	1·66	–	·41	14	11	8	0	0	1	5	0	–	–	7·25	112	43
	Skegness ..	9 9 9	15	64·2	50·7	57·5	+1·4	71	19,20	44	15,16,17	–	–	36	1·42	79	·21	6	12	11	0	0	1	5	0	–	–	6·65	96	40

† At Scarborough the earth thermometer is at a depth of 3 ft. ¶§, S *See* Notes on Tables in Annual Summary. * At Scorton from March 9th.

TABLE III (*continued*)—Summary of Observations of Temperature, Rainfall, Sunshine and Weather JUNE, 1943

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation: Max. Min. Rain	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES FAHRENHEIT: Means of A Max.	B Min.	Mean of A and B	Difference from Average	Absolute Maximum and Minimum: Maximum	Date	Minimum	Date	Earth Temperature 1 ft	4 ft	RAINFALL: Total Fall		Percentage of Average	Most in a day: Amount	Date	WEATHER Number of days: Precip'n .01 in (0·2 mm) or more	.04 in (1·0 mm) or more	Snow	Snow lying	Hail	Thunderstorm	Fog (Morn'g Obs.)	Ground Frost	Gale	BRIGHT SUNSHINE: Daily Mean	Percentage of Average	Percentage of Possible
		G.M.T.	ft	°F	°F	°F	°F	°F		°F		°F	°F	mm	in	%	in											hr	%	%
3 ENGLAND, E.																														
Norfolk	Cromer	9 9 9	178	66·5	51·2	58·9	+2·0	80	11	45	15	–	–	40	1·56	91	·36	2	10	8	0	0	3	4	0	0	0	6·07	93	36
	Hunstanton	9 9 9	100	66·6				79	11	45	7,16,17	–	–	27	1·06	–	·30	18	11	10	0	0	1	1	0	–	–	7·05	104	42
	Norwich	9 9 9	110	68·3	50·5	59·4	+1·3	80	11,20	44	15,16	59·3	–	41	1·60	–	·41	16	13	9	0	0	3	4	–	0	–	6·54	96	39
	Sprowston	9 9 9	93	68·1	49·6	58·9	+1·6	80	20	43	17	–	–	33	1·30	–	·30	18	12	10	0	0	0	2	–	0	–	5·67	83	34
	Terrington	9 9 9	13		48·9		–	78	11	42	1,14,17	–	–	53	2·07	–	·42	6	14	10	0	0	0	4	1	0	–			
	Yarmouth ¶§	18-7 7	5	64·1	52·5	58·3	+1·4	75	19,20	45	17	60·2	55·0	36	1·42	80	·24	18	10	9	0	0	0	4	0	0	0	6·32	91	38
Suffolk	Bungay (Flix'n)	9 9 9	79	68·4	50·2	59·3	+1·4	79	20	44	22	–	–	28	1·09	–	·35	18	8	6	0	0	0	3	0	0	–	–	–	–
	Felixstowe Airfield	18-7 7	10	67·6	52·0	59·8	+1·7	77	20	44	16	–	–	33	1·28	75	·37	18	11	9	0	0	2	2	0	0	0	7·81	104	47
	Ipswich, Belstead	9 9 9	125	68·1	49·7	58·9	–	78	20	45	13,16,22	59·1	56·1	43	1·67	–	·39	18	9	9	0	0	1	5	0	0	0	6·66	–	40
	Lowestoft	9 9 9	82	66·4	51·2	58·8	+2·3	75	20	43	17	60·7	57·1	60	2·37	131	·56	15	12	10	0	0	1	3	0	0	0	6·37	91	38
	Mildenhall	18-7 7	15	67·4	50·1	58·7	–	78	11	43	17	–	–	57	2·25	–	·39	3	14	10	0	0	1	4	1	0	0	7·04	–	42
	Santon Downham	9 9 9		66·6	46·9	56·7	–	77	11	37	17	59·2	53·6	78	3·08	–	·78	2	12	11	0	0	0	5	0	0	–	–	–	–
	Stradishall	18-7 7	382	66·7	49·6	58·1	–	75	11,20	45	7,13,16	–	–	53	2·08	–	·86	16	11	7	0	0	1	3	2	0	0	–	–	–
Cambridge	Cambridge Gdns ¶§	2121 9	41	68·1	49·3	58·7	+0·7	78	11	42	22	60·8	57·0	45	1·79	85	·40	7	11	8	0	0	1	3	0	0	0	6·88	102	41
Bedford	Dunstable	18-7 7	516	66·1	48·1	57·1	–	76	11	41	17	60·6	53·6	61	2·41	–	·67	1	11	9	0	0	2	4	0	0	0	7·91	–	48
	Luton	9 9 9	381	66·8	49·4	58·1	+1·3	75	11,20	43	17	58·8	53·9	64	2·53	–	·59	2	11	9	–	–	–	–	0	0	–	7·56	110	46
	Woburn	9 9 9	291	66·2	49·2	57·7	+0·8	76	11	43	7	61·9	54·2	44	1·74	89	·31	1	11	9	0	0	0	5	0	0	–	7·38	115	44
Hertford	Rothamsted ¶§	9 9 9	420	65·5	48·9	57·2	+0·3	75	11	42	7,17	59·6	–	37	1·45	66	·40	7	10	9	0	0	1	2	0	0	–	6·89	100	42
	St. Albans	9 9 9	272	67·0	48·7	57·9	+0·3	75	11	40	22	61·3	–	41	1·61	80	·43	7	13	9	–	–	1	1	0	0	–	–	–	–
Essex	Dovercourt	9 9 9	47	67·7	51·8	59·7	+1·2	76	20	46	16	–	–	32	1·26	–	·53	18	9	8	0	–	0	1	0	0	–	7·68	–	46
	Earls Colne	9 9 9	160	68·3	50·0	59·1	+0·6	77	11,20	43	16,22	60·2	56·1	40	1·58	–	·42	18	11	8	0	0	0	4	–	0	–	–	–	–
	Halstead	9 9 9	140	69·1	49·1	59·1	+0·8	78	11,20	41	17	–	–	43	1·70	–	·37	18	9	9	0	0	0	3	0	–	–	–	–	–
	Maldon	9 9 9	14	69·1	49·6	59·3	–	79	20	43	7,13,22	–	–	47	1·84	–	·37	16	10	10	0	–	0	5	0	–	–	8·04	–	49
	Shoeburyness	18-7 7	11	68·2	51·9	60·1	+2·0	77	20	44	7	–	–	42	1·64	93	·29	3	10	10	0	0	3	3	1	0	0	7·68	102	47
	Walton-on-Naze	9 9 9	35		51·3					45	16	–	–	25	·98	–	·43	18	8	5	–	–	–	–	1	0	–			
	Writtle	9 9 9	105	69·3	49·4	59·3	–	78	11,20	41	22	–	–	33	1·32	–	·32	7	10	10	0	0	0	4	–	0	–	–	–	–
4 MIDLAND COUNTIES																														
Yorks., W. Riding	Askham Bryan	9 9 9	90	66·6	48·2	57·4	–	79	9	39	22	–	–	34	1·33	–	·19	1	11	8	0	0	0	3	0	0	–	5·84	–	35
	Bingley	9 9 9	610	64·4	48·2	56·3	–	73	27,28	42	3	–	–	71	2·80	–	·66	1	15	13	0	0	0	0	2	0	–	–	–	–
	Bradford	9 9 9	439	63·9	49·7	56·8	+1·3	75	27	45	18,22	56·9	52·1	57	2·24	94	·39	2	17	13	0	0	–	–	2	0	–	5·85	96	35
	Doncaster	9 9 9	25		48·8		–	–	–	41	17,22	–	–	25	·98	–	·26	2	9	8	0	0	0	0	0	–	–	6·74	–	40
	Finningley	18-7 7	39	68·3	50·0	59·1	–	77	27	42	22	–	–	31	1·24	–	·29	11	11	6	0	0	0	3	1	–	–	–	–	–
	Harrogate ¶§	9 9 9	478	64·6	49·6	57·1	+2·1	74	27	44	22	56·6	54·4	54	2·14	88	·44	18	12	10	0	0	0	3	0	0	0	6·31	102	37
	Huddersfield	2121 9	325	65·7	49·6	57·7	+1·4	75	27	42	22	58·8	54·1	44	1·74	78	·38	2	13	10	0	0	0	–	1	0	–	6·37	113	38
	„ (Oakes)	9 9 9	761	64·3	48·3	56·3	+1·0	73	27	42	7	59·4	53·3	58	2·27	89	·57	18	16	11	0	0	0	4	2	0	0	–	–	–
	Ilkley	9 9 9	315	65·7	49·1	57·4	+1·5	77	27	43	16,18	–	–	71	2·78	–	·44	18	17	13	0	0	0	1	0	0	–	5·64	97	33
	Meltham	9 9 9	585	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Pontefract	9 9 9	255	64·9	50·2	57·5	+1·0	74	27	44	14	–	–	31	1·23	61	·40	18	8	5	–	–	–	–	0	0	–	6·31	–	37
	Rotherham	7 7 7	284	66·4	49·0	57·7	–	74	29	40	22	58·3	–	30	1·18	–	·27	18	10	8	0	0	1	2	2	0	–	5·91	–	35
	Sheffield	9 9 9	428	65·2	51·3	58·3	+1·5	73	29	46	22	58·0	53·9	39	1·54	68	·56	18	12	8	0	0	0	0	–	0	0	6·28	104	37
	Wakefield	9 9 9	124	68·4	49·8	59·1	+2·0	79	29	41	22	58·7	53·6	32	1·25	58	·29	18	14	7	0	0	0	1	0	0	–	6·20	106	37
Derby	Belper (School)	9 9 9	198	66·0	49·1	57·5	+0·3	76	29	40	22	–	–	49	1·94	84	·57	18	9	8	0	–	2	2	–	–	–	–	–	–
	Buxton	9 9 9	1007	61·2	47·7	54·5	+0·8	72	29	38	7	56·1	52·1	91	3·58	111	1·00	2	17	9	0	0	0	2	1	0	–	5·68	96	34S
Nottingham	Mansfield	9 9 9	357	65·8	49·3	57·5	+0·6	75	29	45	14	–	–	38	1·49	66	·44	1	11	8	0	0	1	5	0	–	–	–	–	–
	Nottingham ¶§	9 9 9	192	66·6	50·7	58·7	+1·3	75	30	44	14	59·0	56·2	34	1·34	70	·28	18	10	9	–	–	–	–	0	0	–	6·13	104	37
	Sutton Bonington	9 9 9	157	66·2	49·1	57·7	+0·4	75	29	42	22	59·9	–	42	1·66	94	·49	14	8	8	0	0	0	1	–	0	–	6·78	109	41
Leicester	Leicester	9 9 9	325	67·0	48·6	57·8	–	76	29	42	17	57·0	–	76	2·99	–	1·10	11	11	10	0	0	0	3	0	0	–	6·14	–	37
Northampton	Oundle	9 9 9	147	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Peterborough	9 9 9	46	68·5	51·1	59·8	–	79	11	46	14,15,17	–	–	40	1·57	–	·39	15	14	9	0	–	1	5	–	–	–	–	–	–
	Raunds	9 9 9	193	67·6	48·2	57·9	–	76	11	40	14	–	–	42	1·67	–	·56	7	13	8	0	0	0	7	0	0	0	–	–	–
Warwick	Birmingham ¶§	18-7 7	535	65·1	50·6	57·9	+0·7	77	29	43	14	54·0	51·2	39	1·52	65	·39	7	14	9	0	0	1	3	0	0	0	6·21	104	37
	„ Sparkhill	7 7 7	425	68·2	49·4	58·8	+1·1	80	29	43	14,17	–	–	41	1·63	66	·44	7	12	9	0	0	(1)	2	0	1	–	–	–	–
	Coventry	9 9 9	241	66·7	49·2	57·9	–	76	29	39	17	61·7	58·3	73	2·88	134	·63	11	15	11	0	0	1	2	0	–	–	5·72	93	34
	Honiley	18-7 7	427	65·7	49·5	57·6	–	75	29	43	17	–	–	53	2·08	–	·40	7	12	9	0	0	1	2	0	0	0	–	–	–
	Leamington Spa	9 9 9	163	66·9	50·3	58·6	+0·7	77	29	42	17	62·4	57·2	44	1·72	–	·36	7	13	12	0	0	0	1	0	0	–	6·46	86	39
	Rugby	2121 9	390		48·4			77	28	39	17	–	–	101	3·96	187	1·76	11	12	10	0	–	0	1	–	3	–	–	–	–
	Shipston on Stour	9 9 9	364	65·8	49·9	57·9	–	75	29	42	14	–	–	44	1·74	–	·48	2	14	8	0	0	1	2	0	–	–	7·02	–	42
	Stratford on Avon	9 9 9	153	68·1	48·6	58·3	–	77	29	41	7,14,22	–	–	43	1·71	–	·36	2	13	9	0	0	0	2	0	0	–	7·08	–	43
Oxford	Oxford ¶§	9 9 9	208	68·1	50·5	59·3	+1·0	77	9	44	17	61·2	57·2	43	1·69	75	·40	1	11	10	0	0	0	2	0	0	0	6·43	96	39
	Upper Heyford	18-7 7	408	66·3	49·4	57·9	–	75	11,29	43	4,14,17	–	–	42	1·64	–	·33	7	10	9	0	0	1	1	0	0	0	–	–	–
Stafford	Market Drayton	9 9 9	581	64·4	46·9	55·7	–	76	29	37	17	–	–	68	2·66	–	·52	2	14	10	0	0	1	1	1	1	–	6·38	–	38
	Mayfield	9 9 9	374	65·2	47·5	56·3	+0·9	75	29	39	7,22	–	–	64	2·53	107	·78	18	12	8	0	0	1	6	–	0	0	6·08	98	36
	Oaken	8 8 8	409	66·6	48·0	57·3	–	77	29	40	7	59·4	–	53	2·07	–	·41	7	12	10	0	0	2	2	0	0	–	–	–	–
	Walsall	9 9 9	455	66·1	49·2	57·7	–	78	29	41	17	–	–	41	1·61	–	·41	7	14	11	0	0	1	2	2	0	0	–	–	–
Shropshire	Newport	9 9 9	211	65·9	47·8	56·9	–	77	28	38	17	–	–	44	1·74	84	·43	7	17	12	0	0	0	1	0	0	–	7·07	–	42
	Oswestry	9 9 9	570	63·4	49·0	56·2	–	75	28	41	14	–	–	53	2·09	–	·39	1	16	11	0	0	3	1	0	0	1	6·84	–	41
	Shrewsbury	9 9 9	184	66·7	49·7	58·2	+0·7	78	28	39	7,17	60·3	57·1	41	1·61	–	·37	7	14	10	0	0	1	1	0	0	0	6·21	–	37
	Tern Hill	18-7 7	270	64·9	50·1	57·5	–	76	28	41	17	–	–	58	2·28	–	·51	7	14	10	0	0	1	1	0	0	0	–	–	–

¶§. 8 *See* Notes on Tables in Annual Summary.

TABLE III (*continued*)—Summary of Observations of Temperature, Rainfall, Sunshine and Weather JUNE, 1943

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation Max. Min. Rain	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES FAHRENHEIT: Means of A Max.	Means of B Min.	Mean of A and B	Difference from Average	Absolute Maximum and Minimum: Maximum	Date	Minimum	Date	Earth Temperature 1 ft	4 ft	RAINFALL: Total Fall mm	Total Fall in	Percentage of Average	Most in a day: Amount	Most in a day: Date	WEATHER Number of days: Precip'n 0·01in (0·2 mm) or more	Precip'n 0·04in (1·0 mm) or more	Snow	Snow lying	Hail	Thunderstorm	Fog (Morn'g Obs.	Ground Frost	Gale	BRIGHT SUNSHINE: Daily Mean	Percentage: of Average	Percentage: of Possible
		G.M.T.	ft	°F	°F	°F	°F	°F		°F		°F	°F	mm	in	%	in											hr	%	%
4 MID COUNTIES—*cont.*																														
Worcester	Droitwich ..	9 9 9	106	67·3	48·0	57·7	–	78	28	38	17	–	–	50	1·98	–	·44	2	15	13	0	0	2	0	0	–	–	6·50	–	39
	Malvern	9 9 9	380	66·2	50·7	58·5	+0·3	76	28,29	43	13	50·8	56·6	54	2·13	92	·60	2	12	9	0	0	2	2	0	0	–	6·51	95	39
	Prestwood ..	9 9 9	260	67·6	48·9	58·3	–	80	29	40	17	–	–	37	1·47	–	·48	7	13	9	0	0	0	0	0	0	–	–	–	–
	Worcester, P'well	9 9 9	94	68·3	49·0	58·7	+0·7	80	29	39	17	–	–	37	1·44	–	·55	2	13	8	0	0	1	0	–	0	–	–	–	–
Hereford	Hereford ..	9 9 9	292	66·4	48·8	57·6	+0·3	78	27	41	7	–	–	54	2·14	100	·78	1	10	9	–	–	–	0	0	0	–	–	–	–
	Ross-on-Wye ¶§	18–7 7	223	65·7	50·6	58·1	0·0	77	29	43	7	50·0	56·4	30	1·17	54	·45	2	12	8	0	0	1	2	0	0	0	5·72	83	35
Gloucester	Cheltenham ..	2121 9	214	67·6	50·6	59·1	+0·5	79	29	43	7,13	51·9	59·0	46	1·82	82	·54	15	10	9	0	0	1	2	0	0	0	5·91	89	36
	Frampton Cotterell	9 9 9	158	67·8	50·2	59·0	–	81	28	41	7	59·9	56·3	46	1·81	–	·46	1	14	12	0	0	0	2	0	0	–	–	–	–
	Parkend	9 9 9	325	65·4	49·9	57·7	–	76	29	45	26	58·3	54·6	57	2·24	–	·75	1	14	11	0	0	1	0	0	0	0	5·46	–	33
	Stonehouse ..	9 9 9	150	67·5	50·2	58·9	–	79	28,29	43	7	–	–	52	2·03	–	·67	1	14	10	0	0	1	3	0	0	–	–	–	–
5 ENGLAND, S.E.																														
London	City, Bunhill Row	—	—																									6·62	104	40
	Camden Square ..	9 9 9	110	69·8	52·6	61·2	+0·2	80	11	47	4,16,17	60·8	56·5	45	1·76	87	·34	14	10	8	–	–	2	4	–	0	–	–	–	–
	East Ham ..	9 9 9	15	69·6	52·0	60·8	+1·5	79	11	46	7	–	–	37	1·45	76	·40	15	9	8	–	–	–	–	–	–	–	–	–	–
	Enfield	9 9 9	87	68·0	50·6	59·3	+0·2	77	11	42	7	–	56·6	31	1·23	57	·32	7	10	10	0	0	1	4	0	0	–	6·34	92	38
	Greenwich ..	2424 9	149	69·4	50·9	60·1	+1·0	78	11	45	7	57·8	54·9	37	1·45	72	·49	15	12	9	0	0	1	4	0	0	0	6·53	96	40
		21 9 –	—	69·4	51·1	60·3	–																							
	Hampstead ..	9 9 9	450	66·9	49·0	57·9	+0·1	76	11	43	16,17	–	–	32	1·27	–	·29	2	10	9	0	–	0	5	–	0	0	6·59	93	40S
	Kensington ..	18–9 9	80	69·4	52·2	60·8	+0·5	76	24	46	4,16,17	61·3	57·5	42	1·65	82	·37	16	11	8	0	0	0	3	–	0	0	–	–	–
	Kingsway ..	—	—																									6·56	–	40
	Regent's Park ..	9 9 9	129	69·1	52·4	60·7	–	78	11	47	4,16,17	–	–	38	1·49	–	·32	14	9	8	0	0	0	4	0	0	–	6·70	102	41
	Kew ¶§	242424	18	67·3	52·5	59·9	+0·4	76	11	46	7	61·7	56·5	33	1·28	59	·27	2	11	8	0	0	2	3	0	0	0	5·88	87	36
	Observatory ..	18–7 –	—	67·3	52·8	60·1	+0·2																							
	Southgate ..	9 9 9	221	67·8	50·9	59·3	–	78	11	45	16,17	59·7	–	36	1·43	–	·29	7	9	9	0	0	0	0	0	0	0	6·20	–	38
	Tottenham ††¶§	2121 9	54	70·4	52·1	61·3	+0·6	80	11	43	17	–	57·0	33	1·32	66	·33	2	9	9	–	–	0	4	–	0	–	6·75	99	41
	Wealdstone ..	9 9 9	204	68·8	49·8	59·3	–	79	11	43	16,17	–	–	39	1·53	71	·56	15	11	8	0	0	1	4	0	0	0	7·57	–	46
	Westminster ..	9 9 9	27	68·8	52·9	60·9	+0·8	77	11	47	4,16	–	–	47	1·86	98	·69	15	11	8	0	–	0	3	–	0	–	6·42	97	39
Surrey	Addington ..	9 9 9	473	67·2	49·2	58·2	+0·7	74	11,28	44	16,17	–	–	29	1·16	–	·27	2	12	8	–	–	–	–	0	–	–	–	–	–
	Croydon	18–7 7	217	68·1	51·1	59·6	+0·7	78	11	46	7,17	–	–	29	1·14	54	·26	2	11	8	0	0	1	3	0	0	0	7·27	103	44
	Farnham ..	9 9 9	260	68·7	48·0	58·3	–	77	9,11	41	7	–	–	31	1·23	–	·28	7	11	10	0	0	(2)	(1)	0	0	–	–	–	–
	Milford	9 9 9	180	68·6	47·5	58·1	–	77	9,11	38	22	–	–	34	1·34	–	·22	2	14	11	0	0	2	1	0	0	–	7·82	–	48
	Wisley	9 9 9	150	69·0	49·2	59·1	+0·6	77	11,24	43	4,13,16	61·2	56·3	39	1·52	85	·37	15	12	10	0	0	1	3	0	1	0	7·12	103	42
Kent	Bromley	9 9 9	213	70·7	50·2	60·5	–	78	11,12	44	18	–	–	38	1·48	75	·38	14	11	9	0	0	1	1	0	0	–	–	–	–
	Canterbury ..	9 9 9	135	69·3	50·9	60·1	+1·4	78	25	45	7,16,17	61·4	57·7	30	1·17	–	·25	16	10	8	–	–	–	–	–	0	–	–	–	–
	Deal	9 9 9	18	67·9	51·6	59·7	+1·1	78	20	44	7	58·5	54·9	35	1·37	–	·36	16	9	9	0	0	1	3	0	1	–	7·54	100	46
	Dover	5 5 5	200	65·7	47·6	56·7	–0·8	74	11	40	17	–	–	37	1·44	75	·30	16	10	9	0	0	0	3	–	–	–	–	–	–
	Dungeness ..	18–7 7	20	64·8	52·2	58·5	+1·4	72	26	44	17	–	–	39	1·54	99	·64	6	9	7	0	0	0	3	1	–	0	–	–	–
	East Malling ..	9 9 9	132	68·1	48·6	58·3	+0·5	76	24	41	22	–	–	41	1·63	–	·28	2	10	10	0	0	2	5	0	0	0	7·06	98	43
	Goudhurst ..	9 9 9	290	67·4	48·0	57·7	–	75	11	41	7,22	–	–	42	1·67	–	·39	2	12	10	0	0	0	3	0	0	–	–	–	–
	Lympne	18–7 7	283	65·5	48·8	57·1	+0·6	74	25	40	13,16	–	–	44	1·72	90	·35	14	12	10	0	0	2	4	0	0	0	8·09	107	49
	Manston	18–7 7	154	66·6	51·8	59·2	–	76	20	45	15,16	–	–	33	1·30	–	·37	16	8	7	0	0	0	2	1	0	0	7·74	–	47
	Ramsgate ..	9 9 9	80																											
	Tunbridge W. ..	9 9 9	351	67·6	48·6	58·1	+0·4	77	11	41	13	62·6	59·2	35	1·36	–	·61	2	11	8	0	0	0	3	0	0	0	7·72	108	47
	Whitstable ..	9 9 9	9	67·3	51·8	59·5	–	76	20	43	7	–	–	33	1·28	–	·21	16	10	8	0	0	1	3	0	–	–	7·73	–	47
	Wye	9 9 9	164	67·4	48·9	58·1	+0·2	75	11,25	42	22	–	–	26	1·03	–	·26	2	9	8	0	0	0	0	–	0	–	7·59	106	46
	Margate ..	9 9 9	51	66·2	53·4	59·8	+1·3	77	20	46	16	62·7	58·4	23	·90	51	·25	18	8	6	0	0	0	4	0	0	0	7·21	95	44
Sussex	Beachy Head ..	18–7 7	502	60·9	50·9	55·9	+0·2	69	11	46	4,13	–	–	46	1·80	–	·30	5	10	9	0	0	0	3	4	–	–	–	–	–
	Bexhill	9 9 9	12	64·1	52·4	58·3	0·0	71	25	46	13	62·9	–	30	1·18	–	·24	16	11	9	0	0	0	2	0	0	–	–	–	–
	Bodiam	9 9 9	71					73	11,25	41	7	–	–	34	1·33	–	·23	16	11	11	0	0	0	0	1	0	–	6·83	–	42
	Bognor	9 9 9	24	64·0	51·8	57·9	0·0	70	25	47	4,13,16	–	–	34	1·34	–	·37	2	11	10	0	0	0	3	0	–	–	7·48	96	46
	Hastings ¶§	2121 9	149	65·9	51·2	58·5	+0·8	74	25	41	4	64·3	58·7	33	1·32	73	·26	2	11	9	0	0	1	1	0	0	0	7·92	105	48
	Horsham	9 9 9	350	69·1	46·2	57·7	–	78	9	36	13	58·3	–	50	1·97	–	·71	2	11	11	0	0	2	3	0	1	–	–	–	–
	Littlehampton ..	9 9 9	15	64·8	51·7	58·3	+0·6	73	25	45	7,15	–	58·7	28	1·11	–	·21	2	11	10	0	0	0	3	0	–	–	7·19	91	48
	Patcham ..	9 9 9	200	66·8	49·3	58·1	–	74	11	40	13	60·0	–	45	1·78	–	·42	6	11	10	0	0	2	4	–	0	0	–	–	–
	Seaford	9 9 9	45	63·8	51·7	57·7	–	71	11	44	13	–	–	44	1·73	–	·32	16	10	10	0	0	0	2	0	–	–	–	–	–
	Thorney Is. ..	18–7 7	10	66·4	50·9	58·7	–	75	9	43	22	–	–	32	1·27	–	·26	18	12	7	0	0	1	1	1	0	0	–	–	–
	Worthing ..	9 9 9	25	65·1	52·7	58·9	+0·8	72	25	47	4,7,16	61·5	58·0	29	1·14	65	·19	3	11	10	0	0	1	1	0	0	–	8·20	104	50
Berkshire	Reading .. †	9 9 9	152	68·5	50·5	59·5	+0·8	78	28	45	4,13,22	61·2	56·9	25	·99	–	·21	2	11	10	0	0	0	1	–	0	–	8·05	–	49
	Shinfield ..	9 9 9	200	68·4	49·3	58·9	+0·5	77	11,28	42	7,13	–	–	24	·95	–	·23	2	13	8	0	0	0	1	–	0	–	–	–	–
Hampshire	Bournemouth ..	9 9 9	139	67·1	51·3	59·2	+1·0	74	9,26,29	44	7	60·2	58·0	25	·99	49	·21	15	12	8	0	0	0	0	0	–	–	7·13	93	44
	Bramley	9 9 9	196	69·3	48·3	58·8	–	78	9	40	7,22	61·1	57·2	29	1·13	–	·45	15	10	9	0	0	2	2	0	0	–	–	–	–
	Leckford	9 9 9	385	66·4	49·3	57·9	–	75	28,29	44	13,16	59·5	–	26	1·03	–	·20	15	11	10	0	0	1	0	0	–	–	6·84	–	42
	Long Sutton ..	9 9 9	479	68·7	47·8	58·3	+0·4	77	9	41	7	–	–	32	1·27	–	·27	2	12	10	0	0	2	2	0	0	–	7·77	106	47
	Portsmouth ..	9 9 9	15																											
	Southampton ¶§	2121 9	64	67·7	51·4	59·5	+0·3	77	29	45	7	–	–	33	1·29	64	·26	14	12	10	0	0	1	1	0	0	0	7·69	104	47
	S. Farnboro' ..	18–7 7	226	68·2	50·5	59·3	+0·8	76	9,11,28	43	7	–	–	29	1·12	58	·30	2	11	8	0	0	2	1	0	1	1	8·02	110	49
I. of Wight	*Newport	9 9 9	48	–	–	–	–	–	–	–	–	59·0	54·8	18	·70	–	·28	14	12	6	0	0	1	2	–	0		7·72	–	47
	Ryde	9 9 9	13	66·9	52·9	59·9	+0·8	74	9	48	7,22	–	–	31	1·24	–	·41	14	11	7	0	0	0	1	1	–	0	7·74	99	47
	St. Catherine's Pt.	18–7 7	150	62·2	52·5	57·3	–	69	26	47	7	–	–	28	1·09	–	·20	7	13	10	0	0	0	0	2	–	0	–	–	–
	Sandown ..	9 9 9	13	65·3	52·7	59·0	+0·1	72	9,25	48	7,13,22	–	–	28	1·11	–	·46	16	10	8	0	0	1	0	0	–	–	8·05	99	49
	Totland Bay ..	9 9 9	140	63·9	51·8	57·9	+0·2	71	27	44	7	–	–	22	·85	46	·18	7	11	7	0	0	0	0	3	0	0	7·90	101	48
	Ventnor (Hospital)	9 9 9	60	64·1	53·3	58·7	+0·2	70	26	49	7,22	–	–	26	1·03	56	·26	7	14	8	0	0	0	0	–	–	0	8·08	106	50
Wiltshire	Amesbury ..	18–7 7	417	66·8	48·5	57·7	–	76	28,29	41	14	–	–	24	·96	–	·13	13	11	10	0	0	0	0	1	0	0	7·33	–	45
	Larkhill	9 9 9	440	65·6	48·8	57·2	0·0	76	29	43	14,22	–	–	25	·99	52	·23	1	12	9	0	0	0	0	0	0	0	–	–	–
	Marlboro' ¶§	9 9 9	424	67·4	47·0	57·2	+0·8	77	29	37	7,14	59·3	59·1	46	1·81	75	·94	1	10	8	0	0	1	0	1	0	(0)	6·59	105	40
	Porton	9 9 9	363	66·9	48·2	57·5	+0·4	76	28,29	39	14	59·7	–	23	·90	47	·15	15	11	9	0	0	1	0	0	0	0	7·31	101	45

¶§, 8 *See* Notes on Tables in Annual Summary. †† Tottenham is used as a "district value" station for England, E., and not for England, S.E. † Sunshine recorder is at Seed Trial Grounds.
* Sunshine recorder and earth thermometers at Staplers.

TABLE III (*continued*)—Summary of Observations of Temperature, Rainfall, Sunshine and Weather JUNE, 1943

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation: Max. Min. Rain	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES FAHRENHEIT: Means of A Max.	Means of B Min.	Mean of A and B	Difference from Average	Absolute Maximum and Minimum: Maximum	Date	Minimum	Date	Earth Temperature 1 ft	4 ft	RAINFALL: Total Fall mm	in	Percentage of Average	Most in a day: Amount	Date	WEATHER Number of days: Precip'n .01in (0·2mm) or more	Precip'n .04in (1·0mm) or more	Snow	Snow lying	Hail	Thunderstorm	Fog (Morn'g Obs.)	Ground Frost	Gale	BRIGHT SUNSHINE: Daily Mean	Percentage of Average	Percentage of Possible
		G.M.T.	ft	°F	°F	°F	°F	°F		°F		°F	°F	mm	in	%	in												hr	%	%
7a ENGLAND, N.W.																															
Cumberland	Keswick	9 9 9	254	63·3	48·9	56·1	+0·3	76	28,29	41	17	57·6	52·6	99	3·90	134	·68	18	23	16	0	0	0	0	0	0	0	5·75	94	34
	Newton Rigg ¶§	2121 9	560	63·4	47·3	55·3	+0·6	78	29	39	17	–	–	79	3·10	140	·41	4	20	15	0	0	0	0	2	0	0	6·18	95	36
Westmorland	Ambleside ..	9 9 9	145	64·3	48·9	56·6	–	76	29	40	17	–	–	120	4·73	–	1·08	18	18	15	0	0	0	0	2	–	–	5·62	–	33
	Appleby	9 9 9	440	63·8	47·1	55·5	+0·9	75	29	39	17	–	–	72	2·82	123	·35	4	23	17	0	0	2	1	–	–	–	–	–	–
Lancashire	Blackpool ..	9 9 9	65	63·8	51·7	57·7	+1·3	73	29	44	7	60·8	56·4	54	2·12	97	·48	18	14	13	0	0	0	0	0	0	–	8·29	128	49
	Bolton	9 9 9	342	65·0	48·2	56·6	+0·2	79	29	43	7,9,17	57·1	52·9	98	3·84	129	·87	18	19	15	0	0	0	1	–	0	–	6·35	117	38
	Burnley	9 9 9	458	63·6	48·4	56·0	+0·9	76	29	41	16	57·9	53·2	111	4·38	–	·96	10	17	15	0	0	1	1	1	0	–	–	–	–
	Darwen	2121 9	724																												
	Fleetwood ..	9 9 9	21	65·3	51·6	58·5	–	74	29,30	46	7	–	–	49	1·95	–	·38	18	15	13	0	0	0	0	0	0	0	7·72	–	46
	Hutton	9 9 9	82	64·3	49·4	56·9	+0·8	75	28,29	41	24	59·4	54·9	77	3·03	–	·78	18	12	10	0	0	0	0	–	0	0	7·19	110	43
	Leyland	9 9 9	125	64·8	48·4	56·6	+0·7	77	28,29	40	4	–	–	73	2·88	116	·93	18	17	13	0	0	0	0	0	0	–	–	–	–
	Manchester (Burnage) ..	9 9 9	147	65·9	49·7	57·8	–	78	29	42	14,16,17	–	–	70	2·74	–	·63	18	18	13	0	0	1	3	0	–	–	5·65	–	33
	(Whitworth Pk.)	2121 9	125	66·0	51·2	58·6	+0·9	79	29	45	7	56·7	(53·1)	72	2·85	108	·57	2	17	12	0	0	1	2	1	0	0	4·99	95	29
	Morecambe ..	9 9 9	23	63·5	52·1	57·8	+0·5	78	29	46	7	–	–	54	2·11	91	·46	4	13	11	0	0	0	0	3	–	0	8·13	111	48
	Nelson	9 9 9	540																												
	Southport (Bedford Rd.Pk.) ¶§	9 9 9	35	64·2	51·0	57·6	+1·3	72	9,28,29	44	7	59·0	56·6	64	2·51	116	·83	18	14	11	0	0	0	0	0	0	0	8·64	122	51
	Stonyhurst ¶§	9 9 9	377	63·5	49·3	56·4	+0·6	76	29	43	7	–	–	104	4·10	134	1·13	18	14	14	0	0	1	2	0	0	0	6·96	117	41
Cheshire	Bidston Obs'y ..	9 9 9	198	63·4	51·7	57·5	+0·8	73	9	47	22	–	–	57	2·25	102	·46	18	15	10	–	–	–	–	0	0	–	8·07	120	48
	Hoylake	9 9 9	22	65·6	51·7	58·7	+1·4	73	28,29	46	22	–	–	56	2·20	105	·50	18	15	11	0	0	0	0	–	0	–	8·13	117	48
	Macclesfield ..	9 9 9	500	64·6	49·8	57·2	+1·1	75	29	43	17	–	–	95	3·72	135	·82	2	18	13	0	0	3	4	0	–	–	–	–	–
	Manchester (Ringway) ..	18-7 7	235	64·7	49·3	57·0	–	77	28,29	43	17	–	–	75	2·95	–	·65	2	17	11	0	0	0	3	1	0	0	–	–	–
	Warburton ..	9 9 9	68	65·5	47·9	56·7	–	77	27,28	39	17	–	–	73	2·87	–	·53	2	15	11	0	0	1	3	0	0	–	6·47	–	39
	West Kirby ..	9 9 9	25	65·6	51·7	58·7	+0·8	76	9	48	17,22	–	–	56	2·19	113	·39	2,18	15	13	0	0	1	0	0	0	–	8·29	114	49
7b NORTH WALES																															
Flint	Hawarden B'dge	9 9 9	17	66·5	50·3	58·4	+0·9	77	28	41	7	–	–	74	2·93	–	·76	15	13	10	0	0	0	0	0	–	–	–	–	–
	Prestatyn ..	9 9 9	18	64·4	51·5	57·9	–	73	9,29	45	17	–	–	53	2·09	–	(·70)	18	(3)	(9)	0	0	0	0	0	–	–	7·37	–	44
	Rhyl	9 9 9	31	63·8	50·7	57·3	+0·6	72	9	41	17	–	–	58	2·30	116	·49	18	12	10	0	0	0	0	0	0	0	7·70	119	46
	Sealand .. ¶§	18-7 7	16	65·5	50·9	58·2	+1·3	74	9,27,28	41	17	58·4	54·7	69	2·72	133	·86	15	15	10	0	0	1	2	0	0	0	8·15	126	49
Anglesey	Holyhead ¶§	7 7 7	26	60·9	51·0	55·9	+0·6	57	29	45	17	–	–	55	2·16	100	·71	18	14	9	–	–	–	–	–	0	–	7·92	110	48
	Holyhead (Valley)	18-7 7	32	62·0	50·3	56·1	–	74	29	42	17	–	–	67	2·63	–	·71	18	12	10	0	0	0	0	2	0	0	–	–	–
Denbigh	Colwyn Bay ..	9 9 9	118	63·1	51·0	57·1	0·0	70	28,29	45	17	–	–	59	2·31	–	·40	1	13	12	0	0	0	0	0	–	–	7·66	111	46
Carnarvon	Aber	9 9 9	60	63·2	51·2	57·2	+0·3	72	29	43	17	–	–	84	3·30	–	120	18	12	11	0	0	0	0	0	0	0	7·34	114	44
	Llandudno ..	9 9 9	13	62·9	52·0	57·5	+0·6	72	29	43	17	–	–	54	2·12	112	·50	18	12	10	0	0	0	0	0	0	0	7·82	112	47
Montgomery	Lake Vyrnwy ..	9 9 9	750	62·7	47·5	55·1	–	76	28	37	7	–	–	148	5·83	–	2·35	18	17	14	0	0	0	1	0	0	–	–	–	–
	Welshpool ..	9 9 9	254	65·5	48·1	56·8	+0·1	82	28	38	7	–	–	62	2·44	111	·90	18	13	10	0	0	0	0	0	–	–	–	–	–
8a SOUTH WALES																															
Cardigan	Aberporth ..	18-7 7	376	60·6	49·6	55·1	–	69	29	43	1	–	–	59	2·31	–	·44	18	15	10	0	0	0	0	0	0	0	7·46	–	45
	Aberystwyth ..	9 9 9	12	61·3	53·0	57·1	+0·6	71	29,30	49	7	–	–	71	2·78	–	·75	18	14	11	0	0	0	0	0	–	–	6·60	103	39
	„ Llety-evan-hen	9 9 9	950	56·9	48·9	52·9	–	68	28,29	45	1,7,22	–	–	124	4·88	–	1·46	18	17	14	0	0	0	0	–	0	–	5·79	–	35
	„ P.B.S.†	9 9 9	452	60·0	50·7	55·3	+0·6	71	29	45	7	–	–	83	3·27	–	·94	18	16	11	0	0	0	0	0	0	0	6·63	93	40
Pembroke	Haverfordwest ..	2121 9	127	63·3	50·3	56·8	+1·3	76	29	45	15	–	–	89	3·51	–	1·05	1	19	11	0	0	0	0	1	–	–	8·01	104	49
	St. Ann's Hd. ¶§	18-7 7	142	59·4	51·8	55·6	+0·3	73	28	47	2	–	–	86	3·39	162	1·42	1	15	13	0	0	0	0	5	–	0	6·97	96	42
	Tenby	9 9 9	64	63·1	51·6	57·3	0·0	80	29	46	14,24	–	–	71	2·78	–	·71	7	20	11	0	0	0	0	0	0	–	7·39	99	45
Radnor	Rhayader ¶§	9 9 9	757	62·3	48·2	55·3	+1·0	77	28	35	7	–	–	67	2·64	101	·55	18	16	11	0	0	0	0	0	2	0	5·70	88	34
Brecknock	Cantref	9 9 9	1080	60·1	46·7	53·4	–	76	28	37	7	–	–	197	7·74	–	2·15	18	20	18	0	0	0	0	2	–	–	5·15	–	31
	Crickhowell ..	9 9 9	230	66·6	49·7	58·1	–	78	28	41	7,22	–	–	69	2·72	–	1·64	1	17	11	0	0	0	0	0	0	–	–	–	–
Glamorgan	Cardiff	2121 9	203	64·4	50·7	57·5	+0·1	78	29	44	7,22	59·3	54·9	83	3·25	129	·60	1	16	12	0	0	0	0	0	0	0	6·74	90	41
	St. Athan ..	18-7 7	145	62·8	51·5	57·1	–	75	28	42	7	–	–	63	2·47	–	·50	7	15	11	0	0	0	0	1	0	0	–	–	–
	Swansea	9 9 9	32	64·3	53·0	58·7	+0·2	78	29	48	14	62·3	57·6	93	3·65	–	·86	1	16	10	0	0	1	1	0	0	–	6·77	98	41
8b ENGLAND, S.W.																															
Monmouth	Newport ..	9 9 9	265	66·3	50·6	58·5	-0·5	81	29	46	14,16,22	60·8	58·3	56	2.20	–	·67	1	14	9	–	–	–	–	1	–	–	5·26	–	38
	Usk	9 9 9	70	67·0	48·6	57·8	+0·5	80	28	39	22	62·3	–	52	2·03	–	·95	1	11	9	0	0	0	0	5	–	–	5.85	89	35
Somerset	Bath .. ¶§	9 9 9	67	66·9	51·6	59·3	+0·7	77	28,29	42	7	62·2	57·1	36	1·42	62	·23	14	12	9	0	0	2	0	0	–	0	6·87	100	42
	Bristol (Airport) ..	18-7 7	209	66·2	50·0	58·1	–	77	28,29	42	7	–	–	46	1·80	±	·41	1	14	10	0	0	0	2	0	0	0	7·24	–	44
	Cannington ..	9 9 9	95	66·4	50·9	58·7	–	78	28	42	7	–	–	30	1·18	–	·28	1	17	10	0	0	1	0	0	0	0	7·02	–	43
	Long Ashton ..	9 9 9	162	65·8	50·1	57·9	+0·6	79	28	41	22	–	–	48	1·89	75	·40	13	15	10	0	0	0	0	2	0	0	–	6·69	92	41
	Weston-s.-Mare ..	9 9 9	28	65·2	52·7	58·9	–	78	28	48	7,13,14	–	–	27	1·08	49	·19	7	12	9	0	0	0	0	0	0	–	6·98	103	42

¶§, S *See* Notes on Tables in Annual Summary. † Plant Breeding Station.

TABLE III (*continued*)—Summary of Observations of Temperature, Rainfall, Sunshine and Weather JUNE, 1943

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation	Height of Station above Mean Sea Level	Air Temperature in Degrees Fahrenheit								Earth Temperature		Rainfall				Weather Number of days								Bright Sunshine		
				Means of			Difference from Average	Absolute Maximum and Minimum						Total Fall		Percentage of Average	Most in a day		Precip'n		Snow	Snow lying	Hail	Thunderstorm	Fog (Morn'g Obs.)	Ground Frost	Gale		Percentage	
																		0·1 in (0·2 mm) or more	0·4 in (1·0 mm) or more									
		Max. Min. Rain		A Max.	B Min.	Mean of A and B		Maximum	Date	Minimum	Date	1 ft	4 ft				Amount	Date									Daily Mean	of Average	of Possible
		G.M.T.	ft	°F	°F	°F	°F	°F		°F		°F	°F	mm	in	%	in										hr	%	%
8b ENGLAND, S.W.—*cont.*																													
Dorset	Holton Heath ..	9 9 9	64	66·3	49·5	57·9	+0·2	74	29	41	7,14,22	63·4	60·3	23	·91	–	·22	14	11	7	0	0	0	0	0	0	6·82	88	42
	Poole	9 9 9	18	67·9	50·2	59·1	–	75	25,26,29	42	4, 7,22	–	–	24	·95	–	·25	14	10	8	0	0	0	1	–	–	7·14	–	44
	Portland Bill ..	18–7 7	32	59·1	53·2	56·1	+1·0	65	26,27	49	22	–	–	30	1·17	76	·28	7	8	8	0	0	0	2	–	0	–	–	–
	Shaftesbury ..	9 9 9	722	64·4	48·4	56·4	–	75	29	42	14	–	–	48	1·88	–	·33	15	12	10	0	0	1	1	–	–	–	–	–
	Swanage	9 9 9	14	63·8	51·3	57·5	–	70	25,26	44	7, 14	–	–	25	·98	–	·27	1	12	9	0	0	0	0	0	0	–		
	Weymouth ..	9 9 9	16																										
Devon	Barnstaple ..	9 9 9	25	63·3	50·5	56·9	+0·4	76	28	42	24	–	–	53	2·07	92	·45	7	15	11	–	–	–	–	0	0	–	–	–	–
	Cullompton ¶§	9 9 9	202	68·4	49·7	59·1	+0·6	82	29	41	14	61·6	–	54	2·13	100	·82	1	12	8	0	0	1	0	0	0	6·33	87	39
	Dawlish	9 9 9	17																										
	Exmouth ..	9 9 9	195	64·2	51·0	57·6	+0·1	74	29	47	7,14,22	–	–	23	·93	–	·18	16	12	8	0	0	0	0	0	–	0	7·14	96	44
	Hartland Pt. ..	18–7 7	299	59·6	53·2	56·4	–	68	29	49	2, 7,22	–	–	61	2·39	–	·53	7	19	13	0	0	0	0	4	0	0	7·74	–	48
	Ilfracombe ..	9 9 9	25	61·6	53·4	57·5	+0·1	72	28	50	1, 7,22	62·5	58·9	53	2·10	101	·42	7	14	12	0	0	0	0	1	0	–	7·95	107	49
	Killerton ..	9 9 9	159	67·0	48·4	57·7	+0·2	79	28	40	14	–	–	44	1·72	–	·24	15	11	11	–	–	–	–	0	9	–	–	–	–
	*Newton Abbot ..	9 9 9	375	65·4	49·0	57·2	+1·3	77	29	42	24	–	–	31	1·24	63	·30	1	13	9	0	0	0	0	0	0	–	6·19	85	38
	Plymouth (Hoe)	2121 9	117	63·6	52·8	58·2	+0·4	69	28	48	7,14	58·8	55·9	33	1·32	61	·30	4	14	8	0	0	0	0	0	0	0	6·86	92	42
	Plymouth (Mount Batten) ..	18–7 7	86	62·0	51·5	56·7	+1·2	69	27,28,29	45	14	–	–	34	1·33	–	·31	4	17	8	0	0	0	0	2	0	0	6·65	86	41
	Princetown ..	9 9 9	1359	60·5	47·6	54·1	+0·3	72	28	42	14	–	–	106	4·17	104	·64	15	17	14	0	0	3	1	6	0	–	–	–	–
	Seaton	9 9 9	43	64·4	51·1	57·7	–	72	26	43	7,22	–	–	48	1·88	–	·54	7	13	8	0	0	0	1	2	0	–	–	–	–
	Sidmouth ..	9 9 9	25	63·2	51·2	57·2	+0·1	69	26	43	13,14	–	–	34	1·34	–	·22	16	10	10	0	0	0	0	0	0	–	7·20	–	44
	Tavistock ..	9 9 9	457	65·0	45·7	55·3	+1·6	71	27,29	42	8,14	–	58·4	52	2·03	79	·30	1	12	11	0	0	0	0	0	0	–	–	–
	Teignmouth ..	9 9 9	20	65·2	52·0	58·6	+0·1	71	27,29	46	7,14,22	–	–	30	1·18	61	·25	15	10	9	0	0	1	0	0	0	–			
	Torquay	9 9 9	27	64·6	52·1	58·3	+0·1	71	26,28	46	4,25	–	58·2	23	·91	48	·17	15	9	8	0	0	1	0	0	0	0	6·71	85	41
	Totnes	9 9 9	100	65·4	48·0	56·7	–	76	28	–	–	56·8	–	28	1·12	–	·19	15	13	9	0	0	1	0	–	3	0	–	–	–
Cornwall	Bude	9 9 9	50	62·8	52·4	57·6	+0·4	73	28,29	43	24	–	–	42	1·66	83	·50	7	15	9	0	0	0	0	2	–	–	7·71	102	47
	Ellbridge.. ..	9 9 9	200	63·6	49·7	56·7	–	76	28	42	14	–	–	45	1·75	–	·30	1	16	9	0	0	0	0	0	0	–	6·75	–	41
	Falmouth Obs. ¶§	9 9 9	167					71	27,28	48	14	61·7	58·9	33	1·31	57	·31	7	14	10	0	0	0	0	1	0	–	7·10	94	44
	Fowey	9 9 9	51	61·6	51·1	56·3	+1·8	75	28	46	24	–	–	44	1·73	–	(·35)	(15)	15	6	0	0	0	1	4	–	–	6·41	85	39
	Gulval	9 9 9	20	63·6	52·0	57·8	+0·2	77	28	45	24	–	–	29	1·15	–	·24	7	13	10	0	0	0	0	0	0	–	7·12	87	44
	The Lizard ..	18–7 7	240	61·3	52·1	56·7	–	70	28	45	24	–	–	35	1·37	–	·22	7	16	14	0	0	0	0	2	–	0	7·30	–	45
	Newquay ..	9 9 9	182	63·0	51·9	57·5	+1·2	72	27	45	24	59·5	55·7	35	1·37	69	·30	7	14	10	0	0	0	0	1	–	0	7·35	99	45
	Penzance ..	9 9 9	55	63·7	52·2	57·9	+0·4	75	28	47	14,24	–	–	35	1·39	63	·29	7	15	10	0	0	0	0	0	–	–	6·76	93	42
	Tintagel	9 9 9	280	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
NORTHERN IRELAND																													
Londonderry	Castlerock ..	7 7 7	57	62·4	49·6	56·0	–	72	9	43	27	–	–	73	2·87	–	·36	4	22	19	0	0	0	0	0	0	0	–	–	–
	Garvagh .. ¶ (Moneydig)	7 7 7	121	63·9	47·5	55·7	+1·3	77	28	39	17	–	–	93	3·66	144	·71	4	22	18	0	0	1	1	0	2	–	–	–	–
Antrim	Aldergrove ¶§	18–7 7	294	63·5	48·3	55·9	+0·9	77	28,29	38	17	–	–	91	3·57	149	·68	4	26	16	0	0	0	0	0	0	0	5·92	101	35
Down	Ballyhalbert ††	9 9 9	34	61·6	49·6	55·6	–	72	29	43	17	–	–	76	2·99	–	·65	4	19	16	0	0	1	0	1	0	0	5·85	–	34
	Hillsborough §	9 9 9	388	62·1	48·1	55·1	–	76	29	42	4	56·8	–	90	3·56	–	·57	4	21	16	0	0	1	1	0	0	0	5·96	99	35
Armagh	Armagh .. ¶§	2121 9	205	65·5	49·0	57·3	+1·6	79	28	42	17	59·6	55·0	77	3·02	120	·49	13	22	17	0	0	0	0	0	0	0	6·27	113	37
Scilly	St. Mary's	18–7 7	163	62·3	52·7	57·5	+0·4	71	29	49	14,24	–	–	22	·85	50	·10	13	16	9	0	0	0	0	2	–	0	7·60	103	47
GIBRALTAR		18–7 7	400	75·9	65·9	70·9	+0·4	84	30	61	2	–	–	0	·00	–	·00	–	0	0	0	0	0	0	1	0	0	12·01	–	83
MALTA		18–7 7	231	77·8	65·7	71·7	+0·8	88	30	61	7,8	–	–	0	·00	0	·00	–	0	0	0	0	0	0	1	0	–	0	12·05	112	83

¶§, § *See* Notes on Tables in Annual Summary. †† Sunshine recorder is at Mount Stewart. * Seale-Hayne College.

TABLE III (*a*)—SKY OBSERVATIONS, JUNE, 1943

WEATHER DIARY ROYAL OBSERVATORY, GREENWICH	Number
Persistently overcast days	0
„ cloudless „	0
„ foggy „	0

NIGHT SKY RECORDER**	GREENWICH	PORTON
Recorder in operation on	30 nights	27 nights
Average exposure (hours)	4·5	4·2
Polaris unobscured (per cent.)	54	67
δ Ursæ Minoris (ditto)	50	52

** *See* Meteorological Magazine, May, 1920, p. 70.

TABLE III (*b*)—SOLAR RADIATION

DIRECT SOLAR RADIATION KEW OBSERVATORY

	Cal./cm.²/diem.
Max. (on 24th)	666
Mean	271·8

TABLE IV—Summary of Observations at fixed hours JUNE, 1943

DISTRICT, COUNTY AND PLACE	Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE: At Mean Sea Level	MEAN PRESSURE: Difference from Average	TEMPERATURE AND HUMIDITY: Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	CLOUD AMOUNT: Mean Amount	No. of OBSERVATIONS: 0	1 to 3	4 to 6	7 to 9	10
	G.M.T.	ft	mb	mb	°F	°F	mb	%						
0 SCOTLAND, N.														
Shetlands — Sumburgh (Links)	1	23	1013·9	–	49·0	0·8	11·1	94	8·6	0	1	2	10	17
	7	23	1013·9	+0·5	50·4	1·4	11·2	90	9·1	0	0	2	15	13
	13	23	1014·4	–	52·7	2·3	11·5	84	8·2	0	2	4	11	13
	18	23	1014·5	–	51·6	1·8	11·4	87	7·9	0	5	0	15	10
Hebrides — Benbecula	1	27	1013·3	–	51·5	1·3	11·9	91	7·2	1	3	5	13	8
	7	27	1013·0	–	52·9	1·8	12·0	88	8·0	3	1	0	16	10
	13	27	1013·6	–	56·2	2·7	12·9	83	7·6	1	4	2	11	12
	18	27	1013·7	–	55·5	2·5	12·8	85	7·4	2	5	3	9	11
Stornoway	1	83	1013·4	–	50·0	1·0	11·5	93	7·1	1	4	3	16	6
	7	83	1013·2	–0·8	52·3	1·8	11·7	87	7·9	1	1	5	15	8
	13	83	1013·3	–	54·9	2·5	12·4	83	8·4	0	3	0	16	11
	18	83	1013·7	–	54·8	2·5	12·5	85	8·3	2	0	0	17	11
Caithness — Wick	1	117	1014·2	–	49·3	1·5	10·8	89	7·9	1	2	5	10	12
	7	117	1014·2	+0·3	51·6	2·0	11·3	87	8·3	0	2	3	16	9
	13	117	1014·5	–	55·5	3·3	11·8	77	7·6	1	1	5	19	4
	18	117	1014·5	–	54·5	3·1	11·6	80	8·1	1	1	1	22	5
Sutherland — Cape Wrath	1	371	1013·3	–	50·0	1·2	11·2	91	8·6	0	0	4	21	5
	7	371	1013·3	–	50·4	1·1	11·5	92	8·9	0	0	3	19	8
	13	371	1013·7	–	52·5	1·8	11·9	87	8·7	0	0	4	20	6
	18	371	1013·7	–	51·8	1·2	12·0	91	8·9	0	0	3	18	9
Ross and Cromarty — *Invergordon	1	19	1014·4	–	50·0	1·3	11·2	91	7·4	1	4	3	14	8
	7	19	1014·5	–	52·5	2·5	11·3	83	7·7	0	5	2	15	8
	13	19	1014·1	–	59·1	5·0	12·2	71	7·7	1	3	2	18	6
	18	19	1014·1	–	58·1	4·4	12·3	74	7·3	1	3	5	13	8
Inverness — Dalwhinnie †	7	1180	972·3	–	49·2	2·0	10·2	86	8·2	1	1	3	14	11
	13	1180	972·7	–	57·0	5·5	10·5	67	7·8	1	3	0	18	8
	18	1180	972·2	–	56·0	5·0	10·5	69	7·2	1	5	3	15	6
1 SCOTLAND, E.														
Moray — Lossiemouth	1	24	1014·1	–	50·1	1·1	11·4	91	7·4	0	5	2	14	9
	7	24	1014·3	–	53·3	2·3	11·8	85	7·8	0	3	4	14	9
	13	24	1014·2	–	59·1	5·0	12·2	71	7·3	0	4	5	16	5
	18	24	1014·2	–	57·5	3·6	12·6	78	7·7	0	4	3	16	7
Aberdeen — Aberdeen H	7	85	1014·8	+0·1	54·7	3·6	11·2	77	7·1	0	7	1	17	5
	13	85	1015·0	–	57·8	5·1	11·3	71	7·7	0	4	4	15	7
	18	85	1014·9	–	56·5	4·3	11·4	75	7·2	0	7	2	14	7
	21	85	1015·4	–	53·8	3·0	11·3	81	7·6	0	6	1	10	13
	h.*	85	1014·9	+0·2	54·7	3·5	11·3	77						
Braemar ‡	9	1108	1015·2	+0·6	54·5	4·0	10·7	74	7·1	3	2	4	12	9
Dyce	1	237	1014·6	–	49·6	0·9	11·3	93	7·0	0	7	3	12	8
	7	237	1014·6	–	53·4	2·4	11·7	84	7·4	1	4	3	17	5
	13	237	1014·8	–	58·4	4·0	12·7	76	8·0	0	2	3	19	6
	18	237	1014·9	–	56·1	3·1	12·3	81	7·6	0	3	5	15	7
Angus — Montrose (Airf'd)	1	22	1015·2	–	51·3	1·5	11·6	90	6·8	0	7	4	12	7
	7	22	1015·2	–	54·0	2·7	11·7	83	6·3	1	8	4	11	6
	13	22	1015·3	–	58·6	4·8	12·1	73	7·3	0	4	6	15	5
	18	22	1015·2	–	56·9	3·7	11·9	78	6·7	0	7	5	11	7
Perth — Errol	1	33	1014·8	–	50·2	0·7	11·8	94	6·7	0	7	6	5	12
	7	33	1015·1	–	53·3	1·7	12·3	88	7·1	1	6	3	12	8
	13	33	1015·0	–	61·0	4·5	13·7	75	8·0	0	4	1	17	8
	18	33	1014·8	–	58·4	3·1	13·6	81	7·2	1	5	3	13	8
Fife — Leuchars H	1	36	1014·9	–	51·4	1·3	11·8	91	7·7	0	3	4	13	10
	7	36	1015·1	+0·2	53·8	2·7	11·6	82	7·7	1	1	6	14	8
	13	36	1015·1	–	61·0	6·2	12·0	66	8·0	0	3	2	19	6
	18	36	1015·0	–	58·7	4·6	12·3	73	7·3	1	4	3	14	8
Mid Lothian — Edinburgh (Blackford Hill)	9	441	1015·5	–	55·8	4·1	11·2	75	7·2	1	3	6	12	8
	21	441	1015·7	–	53·9	2·8	11·6	81	7·3	2	5	1	9	13
Berwick — St. Abb's Head	1	312	1014·7	–	51·9	1·3	11·9	91	7·2	0	3	8	12	7
	7	312	1015·0	–	52·7	1·8	11·9	87	7·0	0	5	6	11	8
	13	312	1015·2	–	57·0	3·2	12·7	80	7·8	0	3	3	16	8
	18	312	1015·0	–	56·7	2·8	12·9	82	7·4	0	4	5	13	8
6a SCOTLAND, W.														
Argyll — Tiree	1	27	1014·3	–	51·0	0·9	12·0	94	6·1	3	7	1	13	6
	7	27	1014·1	–0·3	53·5	1·7	12·4	88	7·6	2	2	2	17	7
	13	27	1014·6	–	56·3	2·4	13·1	85	7·1	3	1	6	13	7
	18	27	1014·7	–	56·0	2·4	13·0	85	5·8	3	7	6	9	5
Bute — Rothesay	9	187	1015·8	+0·5	56·0	2·1	13·3	87	6·5	2	3	7	16	2
	21	187	1015·9	–	54·2	1·3	13·1	91	6·1	1	8	3	15	3
Renfrew — Renfrew (Abbotsinch)	1	24	1015·0	–	51·6	1·3	11·9	91	7·0	4	3	1	14	8
	7	24	1015·3	–0·1	54·0	2·2	12·1	85	7·2	1	6	1	17	5
	13	24	1015·2	–	62·0	5·9	12·8	68	7·8	1	3	1	18	7
	18	24	1014·9	–	60·1	4·4	13·3	76	7·1	0	6	3	14	7
Dumfries — Eskdalemuir ‡‡H	7	778	1015·9	+0·1	51·4	2·0	11·2	87	7·3	1	4	4	11	10
	13	778	1015·6	–	58·1	5·1	11·7	71	7·7	1	3	2	16	8
	18	778	1015·5	–	56·0	3·1	12·5	81	7·8	0	4	2	14	10
	21	778	1016·3	–	52·0	1·7	11·7	88	7·2	1	6	2	7	14
	h.*	778	1015·8	+0·1	52·9	2·7	11·4	84						
6b ISLE OF MAN														
Isle of Man — Douglas H	9	286	1017·2	+1·3	55·8	3·2	12·2	81	5·7	0	5	11	13	1
Point of Ayre	1	31	1016·3	–	52·9	1·5	12·3	90	5·2	2	11	4	8	5
	7	31	1016·4	–	55·1	2·1	12·8	86	6·1	2	7	6	11	4
	13	31	1016·9	–	60·6	4·3	13·6	75	5·8	3	9	1	11	6
	18	31	1016·5	–	58·9	3·7	13·2	77	5·8	8	3	3	10	6

DISTRICT, COUNTY AND PLACE	VISIBILITY: NUMBER OF OBSERVATIONS — FOG: 0	1	2	3	Mist 4	Poor Vis. 5	Mod. Vis. 6	GOOD VISIBILITY: 7	8	9	WIND, NUMBER OF OBSERVATIONS — FORCE (0-12): 8 or more	6 to 7	4 to 5	1 to 3	Calm	DIRECTION: N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
0 SCOTLAND, N.																							
Shetlands — Sumburgh (Links)	0	0	1	1	2	0	2	7	12	18	0	1	11	16	2	3	2	1	4	6	3	4	5
	0	1	1	0	0	2	7	12	18	0	0	0	12	18	0	4	3	2	1	4	5	9	3
	0	0	0	2	0	1	4	15	12	0	0	1	17	12	0	1	3	1	4	4	5	7	3
	0	0	1	0	0	0	6	12	12	0	0	2	12	15	1	1	4	0	4	5	5	3	7
Hebrides — Benbecula	0	0	0	0	0	0	7	12	12	0	0	4	9	14	3	2	1	2	3	7	7	4	1
	0	0	0	0	0	0	6	13	12	0	0	4	12	13	1	2	1	2	8	4	6	5	1
	0	0	0	0	1	0	3	15	9	0	0	4	16	10	0	2	1	2	2	7	9	5	2
	0	0	0	0	0	0	4	11	11	0	0	0	8	11	1	2	1	2	1	6	12	4	2
Stornoway	0	0	0	0	0	0	4	11	11	0	0	0	1	9	11	1	1	2	0	9	6	2	0
	0	0	0	0	0	0	4	5	16	5	0	0	4	7	13	6	2	2	5	6	4	3	3
	0	0	0	0	0	0	3	5	17	4	0	0	7	10	13	3	2	3	5	3	6	5	3
	0	0	0	0	0	2	6	12	4	4	0	0	6	9	13	2	2	4	2	1	7	5	4
Caithness — Wick	0	0	2	0	1	0	4	7	10	6	0	0	0	7	21	2	0	4	4	0	3	7	4
	0	1	2	1	1	0	3	9	12	12	0	0	0	5	25	0	1	4	0	3	5	6	4
	0	1	1	0	1	0	2	5	17	6	0	0	0	9	21	0	2	3	2	8	4	3	2
	0	0	0	0	1	0	3	6	15	7	0	0	0	9	21	0	1	6	2	6	4	3	2
Sutherland — Cape Wrath	0	0	0	0	0	0	3	18	7	7	0	0	10	20	0	0	2	3	6	3	3	13	4
	0	2	0	0	0	0	2	16	8	8	0	0	10	20	0	1	1	3	6	2	2	12	3
	0	0	0	0	0	0	4	16	7	8	0	0	7	23	0	1	3	6	2	2	9	7	2
	0	0	0	0	0	0	4	14	8	9	0	0	8	22	0	0	4	4	3	0	13	5	1
Ross and Cromarty — *Invergordon	0	0	0	0	0	2	4	17	3	10	0	0	4	14	12	0	2	3	0	0	5	7	1
	0	0	0	0	0	0	4	14	8	9	0	0	4	14	12	0	2	6	4	3	5	4	3
	0	0	0	0	0	0	4	12	12	7	0	0	10	17	3	0	2	6	4	3	5	4	2
	0	0	0	0	0	0	6	10	12	8	0	0	9	15	5	0	2	6	4	2	1	8	4
Inverness — Dalwhinnie †	0	0	0	0	1	0	3	16	6	9	0	0	2	25	3	3	3	0	0	8	9	2	2
	0	0	0	0	0	0	1	19	10	10	0	0	9	20	1	3	2	0	2	8	10	2	2
	0	0	0	0	0	0	2	20	7	9	0	0	9	21	0	1	3	1	1	7	10	5	2
1 SCOTLAND, E.																							
Moray — Lossiemouth	0	0	0	0	0	2	3	1	17	7	0	0	1	28	1	3	3	3	5	2	10	1	2
	0	0	0	0	0	1	2	3	8	14	0	0	5	25	0	2	5	4	2	5	8	5	2
	0	0	0	0	0	1	1	11	5	15	0	0	9	21	0	3	5	4	2	3	4	6	3
	0	0	0	0	0	1	2	1	15	13	0	0	5	24	1	2	1	8	3	3	3	5	4
Aberdeen — Aberdeen H	0	0	0	1	1	1	2	5	14	6	0	0	2	27	1	2	1	3	2	7	6	8	1
	0	0	0	0	1	1	2	3	10	10	0	0	8	22	0	3	1	3	2	7	7	4	1
	0	0	0	0	1	2	4	6	12	8	0	0	2	27	1	3	2	2	6	11	1	2	3
	0	0	0	1	2	2	3	3	18	1	0	0	2	24	4	3	1	0	5	7	5	2	3
Braemar ‡	0	0	0	0	3	2	6	8	3	1	0	0	5	19	6	3	2	4	0	3	7	3	2
Dyce	0	0	0	1	0	1	2	6	9	9	0	0	4	21	5	2	2	4	2	3	4	5	3
	0	0	0	0	0	1	1	3	13	10	0	0	4	16	10	3	1	0	1	5	4	3	5
	0	0	0	0	0	1	2	5	9	10	0	0	12	18	0	4	1	2	1	8	8	4	1
	0	0	0	1	0	1	2	5	6	12	0	0	11	19	0	4	2	2	1	7	8	2	2
Angus — Montrose (Airf'd)	0	0	0	0	0	1	2	9	8	7	0	0	1	22	5	3	1	3	1	3	6	8	1
	0	0	0	0	0	1	2	9	13	7	0	0	3	22	5	3	1	3	1	3	6	8	0
	0	0	0	0	0	1	2	5	10	8	0	0	13	17	0	1	1	4	7	8	3	7	0
	0	0	0	0	0	1	2	7	9	7	0	0	9	20	1	1	2	4	5	7	7	2	1
Perth — Errol	0	0	0	0	0	1	2	7	9	8	0	0	2	25	3	2	3	2	0	2	10	7	1
	0	0	0	0	0	1	2	9	12	8	0	0	1	25	4	1	3	1	3	5	6	6	1
	0	0	0	0	0	1	2	4	17	8	0	0	5	25	0	0	6	4	2	4	8	7	0
	0	0	0	0	0	1	2	4	16	9	0	0	6	24	0	2	5	2	4	8	4	2	0
Fife — Leuchars H	0	0	0	0	0	1	2	8	13	7	0	0	1	15	14	0	2	5	2	0	2	8	3
	0	0	0	0	0	1	2	7	12	9	0	0	5	18	7	0	1	3	8	1	6	2	7
	0	0	0	0	0	1	2	4	12	12	0	0	10	18	1	0	1	8	6	2	7	3	5
	0	0	0	0	0	1	2	2	11	10	0	0	10	16	4	0	3	5	4	3	7	3	1
Mid Lothian — Edinburgh (Blackford Hill)	0	0	0	0	0	1	2	9	14	7	0	0	7	21	2	1	3	0	1	2	5	7	6
	0	0	0	0	0	1	2	7	15	7	0	0	1	15	7	1	1	0	2	0	5	7	1
Berwick — St. Abb's Head	0	0	0	0	0	1	2	9	19	2	1	1	0	4	4	10	5	4	3	3	3	5	3
	0	0	0	0	0	1	2	5	23	2	3	1	1	2	3	5	4	4	3	3	3	4	3
	0	0	0	0	0	1	2	7	15	2	3	3	2	4	5	4	4	3	2	7	5	6	3
	0	0	0	0	0	1	2	12	14	3	0	1	11	16	2	2	1	2	7	5	6	3	2
6a SCOTLAND, W.																							
Argyll — Tiree	0	0	0	0	0	1	0	10	13	4	0	2	5	21	2	1	1	0	4	5	7	5	5
	0	0	0	0	0	1	1	4	14	8	0	2	7	19	2	2	0	0	6	4	7	6	3
	0	0	0	0	0	1	1	4	16	7	0	2	11	16	1	3	0	0	6	6	6	6	2
	0	0	0	0	0	1	1	3	14	11	0	1	10	19	0	4	1	0	2	5	8	4	6
Bute — Rothesay	0	0	0	0	0	1	0	4	17	9	0	1	2	27	0	3	0	4	0	9	2	5	7
	0	0	0	0	0	1	0	7	15	8	0	1	2	27	0	3	1	2	1	7	2	5	11
Renfrew — Renfrew (Abbotsinch)	0	0	0	0	2	1	1	4	6	13	0	1	1	23	5	0	4	3	1	2	9	5	1
	0	0	0	0	0	1	1	4	13	10	0	0	5	18	7	0	1	3	3	1	5	7	3
	0	0	0	0	0	1	2	4	15	8	0	0	10	20	0	0	1	3	3	5	8	10	3
	0	0	0	0	0	1	2	4	13	9	0	0	8	22	0	1	2	2	1	4	8	8	4
Dumfries — Eskdalemuir ‡‡H	0	0	0	0	0	1	0	7	13	8	0	0	5	18	7	1	1	0	1	2	1	3	1
	0	0	0	0	0	1	0	5	21	8	0	0	12	15	0	2	3	0	1	7	8	3	0
	0	0	0	0	2	1	1	3	18	8	0	0	10	15	2	0	3	1	1	8	11	3	1
	0	0	0	0	2	1	1	4	16	9	0	0	2	18	6	2	1	1	0	6	9	4	1
6b ISLE OF MAN																							
Isle of Man — Douglas H	0	0	0	0	0	1	0	14	8	5	0	0	5	19	6	0	1	1	1	4	4	6	10
Point of Ayre	0	0	0	0	0	0	0	0	4	28	0	0	1	12	14	3	3	0	2	0	2	4	13
	0	0	0	0	0	0	0	1	4	26	0	0	2	17	11	0	3	1	2	1	3	5	12
	0	0	0	0	0	0	0	2	8	26	0	0	1	10	12	1	2	0	1	1	3	6	9
	0	0	0	0	0	0	0	1	2	27	0	0	0	2	14	13	1	4	0	1	3	0	2

* Mean of hourly readings. † Pressure at Station Level. ‡ Mean pressure at Station Level is 974·6 mb.

‡‡ Mean pressures at Station Level are 987·5 mb. at 7 h., 987·5 mb. at 13 h. 987·4 mb. at 18 h., and 987·9 mb. at 21 h.

* Station transferred to Aldergrove on March 24th, 1943

TABLE IV (*continued*)—Summary of Observations at fixed hours JUNE, 1943

DISTRICT, COUNTY AND PLACE	Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE: At Mean Sea Level	MEAN PRESSURE: Difference from Average	TEMPERATURE AND HUMIDITY: Dry Bulb	TEMPERATURE AND HUMIDITY: Depression of Wet Bulb	TEMPERATURE AND HUMIDITY: Vapour Pressure	TEMPERATURE AND HUMIDITY: Relative Humidity	CLOUD AMOUNT: Mean Amount	CLOUD AMOUNT: No. of Observations 0	1 to 3	4 to 6	7 to 9	10	VISIBILITY: Number of Observations — Fog 0	Fog 1	Fog 2	Fog 3	Mist 4	Poor Vis. 5	Mod. Vis. 6	Good Visibility 7	8	9	WIND, NUMBER OF OBSERVATIONS — FORCE (0-12): 8 or more	6 to 7	4 to 5	1 to 3	Calm	DIRECTION: N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
	G.M.T.	ft	mb	mb	°F	°F	mb	%																													
2 ENGLAND, N.E.																																					
Northumberland — Cockle Park	9	331	–	–	58·4	4·4	12·3	73	7·0	0	2	9	14	5	0	0	0	0	0	2/1	5	0/0	22	1/2	0	1	5	24	0	2	1	3	2	6	9	8	4
	21	331	–	–	53·6	2·6	11·6	83	6·6	0	10	1	10	9	0	0	0	0	1	1/1	12	0/0	14	0/0	0	0	2	22	6	1	1	3	2	6	3	9	4
Ouston	1	435	1016·4	–	50·1	0·5	12.0	96	6·1	1	9	3	10	7	0	0	0	0	4	3	4/4	9/0	9	0/0	0	0	3	25	2	1	1	3	2	4	2	4	2
	7	435	1016·6	–	53·5	1·4	12·7	91	7·2	1	4	5	11	9	0	0	0	0	2	3	4/4	9/1	10	2/1	0	1	5	22	2	1	1	3	2	4	2	2	1
	13	435	1016·4	–	59·7	3·7	13·8	79	7·8	1	1	5	16	7	0	0	0	0	1	1	5/5	2/2	18	5/3	0	0	12	18	0	3	3	3	2	0	4	8	9	1
	18	435	1016·5	–	58·4	2·7	14·0	84	7·3	0	5	1	17	7	0	0	0	0	0	2	5/5	5/3	15	3/2	0	0	1	6	23	0	2	2	4	3	2	7	9	3
	1	122	1016·7	–	53·2	2·3	11·7	85	6·2	3	6	5	11	5	0	0	0	0	0	1	5/5	24/24	0	0/0	0	0	7	23	0	5	4	0	0	2	5	9	3
Tynemouth	7	122	1017·0	+1·6	54·1	2·6	11·9	83	6·6	3	4	4	14	5	0	0	0	0	0	4	11	15/15	0	0/0	0	0	6	24	0	4	4	0	3	2	5	9	3
	13	122	1017·4	–	58·7	4·3	12·6	73	7·7	0	1	8	18	3	0	1	0	0	0	0	6/6	21/21	2	0/0	0	0	1	11	18	0	4	4	1	2	4	7	1	1
	18	122	1017·1	–	57·8	3·9	12·5	76	7·2	0	3	8	16	3	0	1	0	0	0	0	4/4	21/21	4	0/0	0	0	1	13	17	0	3	2	2	0	4	6	1	3
Durham — Durham	9	352	1015·7	0·0	58·4	3·4	13·2	79	7·1	0	3	10	9	8	0	0	0	0	0	0	4	10/15	5/5	0	0/0	0	0	3	24	5	2	1	0	2	5	4	3	2
	21	352	1016·3	–	54·3	1·5	13·0	90	6·9	0	6	4	11	9	0	0	0	0	0	0	17	12/12	1/1	0/0	0	0	0	1	15	14	1	2	2	0	0	4	7	2	2
	1	181	1017·0	–	51·8	1·3	12·1	91	6·8	2	6	4	7	11	0	0	0	0	4	5	4/4	6/6	11	0/0	1/1	4	0	1	21	8	1	0	1	3	7	7	5	1
Yorks., N. Riding — *Catterick H	7	181	1017·2	–	54·6	2·6	12·1	83	7·3	2	1	5	14	8	0	0	1	2	1	1	3/3	8/8	13	2/2	0	0	1	26	3	1	3	1	1	6	5	5	1
	13	181	1017·1	–	62·6	6·5	12·6	65	8·0	0	1	5	19	5	0	0	0	0	2	3	2/2	5/5	12	4/4	0	0	8	21	1	0	2	4	1	1	2	8	1	3
	18	181	1017·1	–	60·2	5·0	12·7	71	7·3	0	4	7	13	6	0	0	0	0	2	3	5/5	4/4	16	0/0	2/2	0	0	6	24	4	2	4	1	1	2	7	9	3
	1	47	1017·1	–	52·4	1·8	11·9	87	6·1	0	11	1	11	7	0	0	0	0	1	2	6/6	10/10	9	0/0	2/2	0	0	1	24	5	1	2	1	2	4	5	2	2
Linton-on-Ouse	7	47	1017·4	–	55·0	2·4	12·5	84	7·0	2	4	3	17	4	0	0	0	0	1	1	8/8	5/5	9	3/3	2	0	0	1	25	4	0	1	0	1	3	3	5	2
	13	47	1017·4	–	63·9	7·1	12·7	63	7·9	0	1	6	16	7	0	0	0	0	1	1	8/8	6/6	10	5/5	0	0	0	10	20	0	3	1	1	1	2	8	11	2
	18	47	1017·2	–	62·7	5·9	13·1	68	7·3	0	4	7	11	8	0	0	0	0	1	1	6/6	7/7	8	5/5	0	0	0	4	26	0	4	1	0	1	2	8	10	2
Scarborough	9	96	1016·5	+0·7	59·5	4·2	13·1	75	5·3	0	11	9	7	3	0	2	0	0	0	1	1/1	9/9	15/15	3/3	0/0	0	0	10	20	0	3	1	0	0	2	7	8	3
	1	60	1016·3	–	52·3	1·9	11·6	87	6·0	1	10	3	10	6	0	0	0	0	1	1	9/9	5/5	11	0/0	0	0	0	5	19	6	1	0	1	0	2	9	3	3
Thornaby	7	60	1016·3	–	54·8	2·7	12·2	82	7·0	3	2	4	14	7	0	0	0	0	2	0	4/4	0/0	11	5/5	0	0	0	6	20	4	1	1	0	0	8	12	3	1
	13	60	1016·4	–	62·7	7·2	11·9	61	8·3	0	0	5	18	7	0	0	0	0	0	0	0/0	3/3	11	3/3	0	0	0	14	16	0	3	2	1	2	4	9	6	0
	18	60	1016·2	–	61·2	5·9	12·4	67	7·1	0	5	4	17	4	0	0	0	0	0	0	0/0	3/3	12	5/5	0	0	0	11	18	1	2	5	1	2	5	8	6	0
York	9	53	1017·9	+1·7	60·2	5·3	12·4	70	7·3	0	5	3	14	8	–	–	–	–	–	–	–	–	–	–	0	0	0	5	25	0	3	1	1	2	2	10	7	4
	1	70	1017·3	–	51·7	1·6	11·7	89	5·4	1	12	3	7	7	0	0	0	0	1	0	0/0	4/4	6	15/15	4/4	0	0	0	2	26	2	2	1	2	2	1	9	7	4
Yorks., E. Riding — Driffield	7	70	1017·4	–	55·2	2·7	12·3	83	7·5	1	5	1	13	10	0	0	0	0	0	0	0/0	2/2	17	5/5	6/6	0	0	1	7	21	2	0	0	2	2	11	8	3	2
	13	70	1017·6	–	61·6	6·3	12·2	66	8·2	0	1	6	17	6	0	0	0	0	0	0	0/0	2/2	11	2/2	10/10	0	0	1	12	17	0	3	2	2	1	4	8	5	4
	18	70	1017·5	–	60·5	5·7	12·2	68	6·8	0	8	4	13	5	0	0	0	0	0	0	0/0	1/1	6	2/2	20/20	1/1	0	0	12	18	0	0	2	3	4	4	7	4	3
	1	57	1017·9	–	54·8	2·2	12·5	85	6·2	1	7	8	5	9	0	0	0	0	0	0	0/0	1/1	7	22/22	0/0	0	0	0	14	16	0	0	3	1	2	0	8	6	6
Spurn Head	7	57	1017·8	+2·1	55·3	2·5	12·5	84	6·8	0	5	6	15	4	0	0	0	0	0	0	0/0	1/1	7	21/21	0/0	0	0	0	18	12	0	0	2	2	0	1	4	5	6
	13	57	1018·1	–	60·5	5·4	12·4	69	7·6	1	1	6	17	5	0	0	0	0	0	1	1/1	4/4	0	24/24	0/0	0	0	6	13	11	0	0	6	2	2	2	4	5	2
	18	57	1018·3	–	59·7	4·9	12·5	71	7·0	0	3	9	14	4	0	0	0	0	0	1	1/1	0/0	5	24/24	0/0	0	0	2	17	11	0	1	6	1	2	3	5	2	2
	1	208	1018·1	–	52·5	1·5	12·2	90	5·0	2	11	4	6	7	0	0	0	0	0	1	0/0	3/3	11	10/10	2/2	0	0	0	7	22	1	0	2	3	2	0	9	9	2
Lincoln — Cranwell H	7	208	1018·3	–	54·7	2·1	12·6	86	6·7	1	6	4	12	7	0	0	0	0	0	0	0/0	3/3	11	11/11	5/5	0	0	0	11	19	0	3	2	5	1	0	4	9	1
	13	208	1018·2	–	63·2	6·5	12·9	65	8·3	0	1	4	20	5	0	0	0	0	0	0	0/0	5/5	8	12/12	1/1	0	0	0	16	14	0	1	0	2	1	0	4	9	1
	18	208	1017·9	–	62·2	5·8	13·1	69	7·2	0	2	9	12	7	0	0	0	0	0	0	0/0	1/1	0	7/7	15/15	0	0	0	14	16	0	0	2	4	0	4	6	9	5
3 ENGLAND, E.																																					
Norfolk — Cromer H	9	74	1018·5	–	57·1	2·6	13·4	84	6·6	2	0	12	8	8	0	0	0	0	0	0	0/0	28/28	2/2	0/0	0	0	0	2	27	1	0	0	0	2	2	6	11	8
	1	26	1018·4	–	54·7	2·3	12·4	85	5·9	2	9	4	6	9	0	0	1	0	0	0	0/0	29/29	0/0	0/0	0	0	0	7	23	0	3	2	0	1	1	5	8	9
Yarmouth	7	26	1018·6	+2·7	55·3	2·4	12·6	84	6·7	3	5	5	8	9	0	0	0	0	0	1	0/0	4/4	23/23	1/1	0/0	0	0	7	22	1	0	1	2	6	1	6	10	3
	13	26	1018·6	–	60·8	4·7	13·3	73	7·4	0	1	9	14	6	0	0	0	0	0	0	0/0	4/4	25/25	1/1	0/0	0	1	14	15	0	6	3	2	2	4	5	4	4
	18	26	1018·4	–	60·8	4·8	13·2	72	7·3	0	3	6	17	4	0	0	0	0	0	0	0/0	5/5	24/24	1/1	0/0	0	0	13	16	1	5	2	2	5	5	4	3	3
	7	16	1019·3	–	57·0	2·4	13·5	85	6·4	3	4	7	7	9	0	0	0	0	0	0	1	6/6	16/16	7/7	0/0	0	0	7	23	0	4	1	1	2	2	7	8	5	3
Suffolk — Felixstowe Airfield	13	16	1019·3	–	64·2	5·9	13·9	69	7·8	0	1	4	22	3	0	0	0	0	0	0	0/0	5/5	4/4	21/21	0/0	0	2	12	16	0	2	3	2	2	7	5	6	4
	18	16	1018·9	–	62·9	5·3	13·9	.72	7·0	0	3	7	16	4	0	0	0	0	0	0	0/0	2/2	8/8	18/18	0/0	0	1	14	15	0	2	3	3	1	2	3	4	1
	1	405	1019·3	–	52·2	1·4	12·0	90	5·3	4	7	6	6	7	0	0	0	0	0	1	0/0	5/5	13/13	0/0	0/0	0	0	3	25	2	0	3	3	0	3	6	9	7
Stradishall	7	405	1019·3	–	54·4	2·1	12·5	87	7·2	0	8	1	12	9	0	0	0	0	0	2	0/0	4/4	20/20	3/3	0/0	0	0	3	27	0	0	3	1	0	2	2	7	7	5
	13	405	1018·9	–	64·0	7·1	12·7	63	8·1	0	0	4	22	4	0	0	0	0	0	0	0/0	2/2	11/11	14/14	2/2	0	0	7	23	0	4	3	0	1	1	5	8	6	3
	18	405	1018·8	–	62·4	6·6	12·5	66	7·2	0	1	11	14	4	0	0	0	0	0	0	0/0	1/1	12/12	6/6	11/11	0	0	6	24	0	1	3	0	1	1	5	7	9	3
	1	40	1018·8	–	53·0	1·5	12·5	91	5·9	2	9	3	9	7	0	0	1	0	0	0	3/3	9/9	11/11	6/6	0/0	0	0	4	24	2	1	3	0	1	1	4	12	7	0
Mildenhall H	7	40	1019·0	–	55·2	2·0	13·0	87	7·4	1	4	3	14	8	0	0	0	0	0	1	0/0	2/2	8/8	7/7	12/12	0	0	8	20	2	2	0	1	0	2	0	4	12	6
	13	40	1018·7	–	66·5	8·8	13·4	65	8·6	0	0	4	20	6	0	0	0	0	0	0	0/0	2/2	25/25	2/2	0/0	0	0	12	17	1	1	0	0	2	0	4	8	7	5
	18	40	1018·5	–	63·2	6·2	13·2	68	7·2	0	5	4	16	5	0	0	0	0	0	0	0/0	1/1	5/5	22/22	2/2	0	0	16	13	1	5	1	0	0	2	4	9	7	4
Cambridge — Cambridge H	9	43	1019·6	+3·0	60·8	5·4	12·7	70	7·2	0	2	6	16	6	–	–	–	–	–	–	–	–	–	–	0	0	0	15	14	1	3	2	4	0	0	2	7	7	4
	21	43	1019·6	–	57·4	3·4	12·9	80	6·6	3	4	4	10	9	–	–	–	–	–	–	–	–	–	–	0	0	0	3	25	2	1	4	0	0	2	10	6	3	1
	1	519	1019·4	–	50·8	1·1	11·7	92	5·1	1	9	4	8	8	0	0	0	0	0	0	0	2/2	13/13	13/13	2/2	0	0	0	6	24	0	0	3	1	0	2	3	16	4	1
Bedford — Dunstable H	7	519	1019·6	–	54·1	2·0	12·5	87	5·9	3	4	3	11	9	0	0	0	0	0	0	0	3/3	13/13	12/12	2/2	0	0	0	11	19	0	0	2	3	0	2	0	4	12	10
	13	519	1019·1	–	62·3	6·1	12·8	67	7·4	0	3	7	18	2	0	0	0	0	0	0	0	1/1	6/6	13/13	10/10	0	0	0	17	13	0	0	2	4	0	4	8	10	2
	18	519	1019·1	–	60·7	5·2	12·9	71	5·6	0	3	11	11	5	0	0	0	0	0	0	0	1/1	11/11	7/7	12/12	0	0	0	11	16	3	2	2	4	3	1	2	1	6	9
Hertford — Rothamsted	9	396	1019·1	+2·7	59·0	4·7	12·3	74	6·1	0	7	7	12	4	0	0	0	0	0	1	2/2	0/0	0	0/0	–	–	–	–	1	2	2	0	2	1	6	8	8	2
	7	12	1019·2	–	57·4	2·9	13·3	82	7·0	3	4	2	13	8	0	0	1	0	1	4	9	6	9	0	0	0	5	24	1	7	0	2	1	0	8	8	3	
Essex — Shoeburyness H	13	12	1019·9	–	65·6	7·2	13·6	64	6·8	0	3	11	12	4	0	0	0	0	0	0	0	6	17	2	0	1	5	23	1	1	1	4	3	3	8	7	4	
	18	12	1019·7	–	62·4	5·6	13·3	70	7·4	0	3	4	19	4	0	0	0	1	0	0	0	6	4	15	4	0	1	4	25	0	4	2	4	1	3	8	4	4	
4 MIDLAND COUNTIES																																					
Yorks., W.R. — Finningley	1	55	1017·6	–	52·0	1·4	12·1	90	5·8	4	4	8	6	8	0	0	0	0	1	3	20/20	6/6	0	0/0	0	0	0	2	25	3	2	0	0	2	5	11	6	1
	7	55	1017·8	–	55·7	2·8	12·5	83	7·1	1	5	3	15	6	0	0	1	0	1	3	18/18	6/6	1	0/0	0	0	0	3	25	2	2	1	0	2	6	7	5	4
	13	55	1017·7	–	54·9	7·7	12·7	61	8·3	0	0	3	22	5	0	0	0	0	1	1	8/8	16/16	5	0/0	0	0	0	14	16	0	3	3	1	1	2	4	7	5	4
	18	55	1017·4	–	53·4	6·4	13·0	66	7·3	0	4	5	15	6	0	0	0	0	1	1	6/6	15/15	7	0/0	0	0	0	9	20	1	1	3	2	2	4	5	9	5
Harrogate	9	478	1017·1	+1·2	57·9	4·7	11·8	72	7·3	1	3	5	17	4	0	0	0	0	0	1	6/6	8/8	7	6/6	0	0	0	4	26	0	1	3	3	2	2	4	6	9	3
Nottingham — Nottingham	9	215	1017·9	+1·6	58·7	4·6	12·3	73	7·0	1	4	4	14	7	0	0	0	0	0	1	2/2	8/8	19/19	0/0	0/0	0	0	4	26	0	1	4	2	1	2	5	15	5	3
	7	542	1018·9	+2·1	54·1	2·6	11·9	83	5·3	4	4	5	12	5	0	0	0	0	0	1	0/0	6/6	10/10	0/0	0/0	0	0	6	23	1	1	3	1	1	2	5	11	6	1
Warwick — Birmingham H	13	542	1018·7	–	51·7	7·2	11·5	61	7·7	1	1	7	13	8	0	0	0	0	0	1	0/0	4/4	23/23	0/0	0/0	0	0	13	17	0	1	3	2	2	1	4	6	5	3
	18	542	1018·5	–	52·0	7·2	11·6	61	7·2	0	3	7	17	3	0	0	0	0	0	1	0/0	5/5	22/22	0/0	0/0	0	0	12	18	0	0	3	2	1	1	0	4	6	8	3
	1	431	1019·0	–	52·4	1·7	12·0	88	6·9	2	7	6	10	5	0	0	0	0	0	1	0/0	7/7	11/11	0/0	0/0	0	0	7	21	2	0	1	1	2	1	0	1	3	5	2
Honiley	7	431	1019·1	–	54·5	2·3	12·3	85	6·3	2	6	2	16	4	0	0	0	0	0	1	0/0	9/9	11/11	0/0	0/0	0	0	7	19	2	2	0	1	1	2	1	1	1	2	3
	13	431	1018·8	–	52·3	7·0	12·0	64	8·0	1	1	3	17	8	0	0	0	0	0	1	0/0	9/9	13/13	0/0	0/0	0	0	1	18	1	0	2	1	1	0	1	1	2	3
	18	431	1018·9	–	52·1	6·5	12·3	65	7·6	0	2	9	14	5	0	0	0	0	0	1	0/0	7/7	16/16	0/0	0/0	0	0	0	12	17	1	1	2	3	2	0	5	5	10	3

* At Scorton from March 9th.

TABLE IV (*continued*)—Summary of Observations at fixed hours JUNE, 1943

DISTRICT, COUNTY AND PLACE			Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE		TEMPERATURE AND HUMIDITY				CLOUD AMOUNT						VISIBILITY											WIND, NUMBER OF OBSERVATIONS								
												NO. OF OBSERVATIONS					NUMBER OF OBSERVATIONS											FORCE (0-12)					DIRECTION				
																	FOG				MIST	POOR VIS.	MOD. VIS.	GOOD VISIBILITY												
					AT MEAN SEA LEVEL	DIFFERENCE FROM AVERAGE	DRY BULB	DEPRESSION OF WET BULB	VAPOUR PRESSURE	RELATIVE HUMIDITY	MEAN AMOUNT	0	1 to 3	4 to 6	7 to 9	10	0	1	2	3	4	5	6	7	8	9	8 or more	6 to 7	4 to 5	1 to 3	Calm	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
			G.M.T.	ft	mb	mb	°F	°F	mb	%																										
4 MIDLAND COUNTIES—*cont.*																																				
Oxford	Oxford		9	212	1019·7	+2·5	60·0	5·7	11·9	67	6·5	0	9	3	10	8	0	0	0	0	0	1	6	10	13	0	0	0	7	23	0	2	4	0	1	3	10	8	2
	Upper Heyford ..		1	243	1019·2	–	52·1	1·5	12·0	91	6·1	2	9	2	11	6	0	0	0	0	0	2	9	10	9	0	0	0	3	27	0	0	2	3	0	4	10	8	3
			7	243	1019·3	–	54·2	2·1	12·4	87	7·0	1	5	4	14	6	0	0	0	0	0	1	12	7	9	1	0	0	1	29	0	1	3	1	1	3	12	4	5
			13	243	1018·8	–	63·4	6·9	12·7	64	7·7	0	3	4	18	5	0	0	0	0	0	0	5	5	17	3	0	0	11	19	0	1	4	0	0	2	8	10	5
			18	243	1018·7	–	62·5	6·1	12·9	68	6·8	1	3	8	13	5	0	0	0	0	0	0	4	6	15	5	0	0	12	18	0	2	3	2	0	3	4	12	4
Shropshire	Shrewsbury H		9	186	1018·2	–	59·2	5·0	12·1	71	7·2	3	0	8	9	10	0	0	0	0	0	0	5	2	23	0	0	1	16	13	0	1	2	0	2	7	6	9	3
	Tern Hill		1	295	1017·3	–	52·7	1·4	12·3	91	6·9	3	3	5	9	10	0	0	0	1	3	1	6	6	13	0	0	0	3	24	3	3	0	0	0	9	6	6	3
			7	295	1017·5	–	54·4	2·0	12·7	87	6·9	2	3	5	14	6	0	0	0	0	0	2	9	6	10	3	0	0	5	24	1	2	0	0	3	5	6	9	4
			13	295	1017·4	–	62·9	6·1	13·2	68	7·5	0	2	7	14	7	0	0	0	0	0	0	8	5	5	12	0	1	12	17	0	4	1	1	2	2	8	5	7
			18	295	1017·3	–	61·7	5·1	13·6	72	6·3	1	6	8	10	5	0	0	0	0	0	1	6	2	8	13	0	1	9	20	0	6	1	1	0	2	6	9	5
Hereford	Ross-on-Wye H		7	226	1019·2	+2·5	55·1	2·7	12·3	83	6·4	1	8	2	11	8	0	0	0	0	0	0	2	2	16	10	0	0	0	6	24	0	2	3	1	1	6	10	6	1
			13	226	1019·0	–	62·6	6·4	12·7	66	7·5	0	4	6	12	8	0	0	0	0	0	0	2	8	14	6	0	0	10	20	0	2	2	1	0	2	11	8	4
			18	226	1018·8	–	62·6	6·5	12·6	65	6·4	0	6	6	14	4	0	0	0	0	0	0	3	8	15	4	0	0	11	19	0	2	1	3	0	1	7	12	4
Gloucester	Cheltenham H		9	230	1019·7	+2·8	60·8	5·1	12·7	71	7·7	1	1	5	14	9	0	0	0	0	0	0	11	12	7	0	0	0	0	30	0	1	3	0	1	0	7	11	7
			21	230	1019·8	–	58·2	3·5	13·0	79	6·8	0	1	15	6	8	0	0	0	0	0	0	10	17	3	0	0	0	0	30	0	1	2	0	2	1	10	11	3
5 ENGLAND, S.E.																																				
London	Greenwich .. H		9	152	1019·7	+2·8	61·4	6·3	12·1	65	7·0	0	3	10	11	6	0	0	0	0	0	2	7	15	6	0	0	0	10	19	1	2	3	1	0	1	10	8	4
			15	152	1019·1	–	66·0	8·9	12·1	57	8·0	0	0	6	18	6	–	–	–	–	–	–	–	–	–	–	0	1	15	14	0	5	4	1	0	2	10	3	5
			21	152	1020·0	–	57·9	4·2	12·3	75	6·7	1	7	4	9	9	–	–	–	–	–	–	–	–	–	–	0	0	10	17	3	2	2	2	2	2	10	5	2
			h.*	152	1019·5	+2·9	59·4																														
	Kew Obs'y. H		7	34	1020·1	+3·0	56·7	3·7	12·1	77	7·7	1	4	2	16	7	0	0	0	0	0	1	10	9	10	0	0	0	0	26	4	3	3	1	0	0	9	8	2
			13	34	1019·5	–	64·6	8·1	11·9	58	8·1	0	1	4	21	4	0	0	0	0	0	0	0	11	19	0	0	0	8	22	0	2	4	0	1	2	8	6	7
			18	34	1019·4	–	64·0	7·6	12·2	61	7·3	0	4	6	16	4	0	0	0	0	0	0	3	10	17	0	0	0	7	22	1	3	5	0	0	2	10	4	6
			21	34	1020·3	–	59·0	4·8	12·2	72	6·4	0	8	6	11	5	0	0	0	0	0	0	3	11	16	0	0	0	4	24	2	2	4	1	1	1	12	6	1
			h.*	34	1019·8	+3·0	59·5	5·2	12·2	71																												
	Kensington.. ..		9	66	–	–	61·2	5·6	12·6	68	6·5	0	4	9	16	1	–	–	–	–	–	–	–	–	–	–	0	1	4	25	0	0	4	1	1	1	6	11	6
			15	66	–	–	66·3	8·3	12·8	58	6·5	0	3	11	14	2	–	–	–	–	–	–	–	–	–	–	0	1	10	19	0	0	5	1	0	1	8	5	10
			18	66	–	–	64·5	7·4	12·6	61	6·2	0	4	12	12	2	–	–	–	–	–	–	–	–	–	–	0	0	3	27	0	0	5	1	1	0	8	6	9
			1	225	1020·5		53·9	2·3	12·1	85	6·2	3	8	1	13	5	0	0	0	1	0	2	9	16	2	0	0	0	0	24	6	2	1	2	1	5	6	7	0
Surrey	Croydon .. H		7	225	1020·6		56·9	3·8	12·4	78	7·8	1	4	1	16	8	0	0	0	0	0	0	11	6	13	0	0	0	0	28	2	1	3	2	1	3	7	9	2
			13	225	1020·1		65·2	8·2	12·3	58	7·9	0	2	4	20	4	0	0	0	0	0	0	1	9	19	1	0	0	6	24	0	3	2	1	0	3	12	6	3
			18	225	1020·1		63·7	7·4	12·3	62	7·5	0	4	4	18	4	0	0	0	0	0	0	4	7	19	0	0	0	4	26	0	2	2	1	0	6	9	5	5
	Wisley		9	85	1019·6		62·0	5·7	13·0	69	7·6	0	2	6	15	7	0	0	0	0	0	1	11	18	0	0	0	0	1	28	1	0	4	0	1	1	14	6	3
Kent	Dungeness ..		7	—	–	–	57·2	2·5	13·5	85	6·2	3	5	6	9	7	0	1	0	0	0	2	2	18	7	0	0	1	11	17	1	4	3	2	1	0	1	13	5
			13	—	–	–	62·1	4·3	14·4	75	6·7	0	4	7	16	3	0	0	0	0	1	1	3	17	7	1	0	4	16	10	0	0	1	4	1	0	4	19	1
			18	—	–	–	60·3	3·8	13·9	78	6·4	0	6	7	12	5	0	0	0	0	1	0	2	16	11	0	0	3	21	6	0	1	1	4	3	0	1	19	1
			1	345	1020·3		52·1	1·2	12·3	92	5·0	4	10	4	4	8	0	0	1	2	0	2	7	13	5	0	0	0	4	25	1	3	2	0	2	3	8	4	7
	Lympne .. H		7	345	1020·4	+3·6	55·9	2·0	13·4	87	6·6	1	7	3	12	7	0	0	0	0	1	1	6	11	11	0	0	0	2	28	0	5	1	0	1	1	11	7	4
			13	345	1020·3		62·4	5·3	13·7	71	7·8	0	1	9	14	6	0	0	0	0	0	1	6	5	22	0	0	1	6	23	0	2	4	1	3	7	8	4	1
			18	345	1020·1		60·5	5·0	13·0	73	7·1	0	7	3	13	7	0	0	0	0	1	0	2	5	22	0	0	0	7	23	0	3	3	2	1	4	9	6	2
			1	156	1019·8		53·9	2·1	12·3	86	5·8	1	10	4	7	8	0	0	1	0	1	0	11	11	6	0	0	0	2	27	1	3	2	0	1	3	9	9	2
	Manston .. H		7	156	1019·9		56·9	2·7	13·0	80	7·1	0	7	2	15	6	0	0	0	0	1	0	3	3	10	13	0	0	0	4	24	2	5	0	0	0	2	7	11	3
			13	156	1019·7		64·4	7·6	12·4	64	7·2	0	4	5	20	1	0	0	0	0	0	2	2	10	16	0	0	0	2	7	21	0	3	3	1	0	2	9	5	6
			18	156	1019·6		60·8	5·4	12·5	69	7·5	0	3	4	17	6	0	0	0	0	0	0	5	7	18	0	0	0	9	21	0	5	3	2	1	2	9	5	3
	Tunbridge Wells ..		9	407	1020·1	+2·9	59·9	4·7	12·8	72	6·2	0	6	8	11	5	0	0	0	0	0	0	2	5	23	0	0	2	15	13	0	3	2	0	1	1	10	7	6
Sussex	Hastings .. H		9	154	1020·1	+3·0	59·5	3·8	13·5	78	7·0	1	1	12	8	8	0	0	0	0	0	1	1	17	0	11	0	0	1	3	25	1	1	4	0	2	0	17	1	4
			1	10	1020·3		53·7	1·5	12·7	90	5·4	8	4	4	5	9	0	0	0	0	0	2	9	10	7	2	0	1	5	18	6	1	1	1	0	2	6	8	5
	Thorney Is. ..		7	10	1020·4		57·2	2·8	13·2	83	6·5	3	4	3	16	4	0	0	0	0	1	0	0	2	9	12	6	0	0	6	20	4	1	3	3	0	2	7	8	2
			13	10	1020·4		63·8	6·1	13·6	67	7·7	0	2	6	14	8	0	0	0	0	0	0	3	2	13	12	0	1	15	14	0	0	3	1	1	6	11	7	1
			18	10	1020·2		61·4	4·7	13·5	73	6·7	0	7	6	11	6	0	0	0	0	0	0	5	3	8	14	0	0	11	19	0	0	0	1	2	4	13	8	2
Hampshire	Southampton ..		9	84	1020·4		61·9	5·7	12·9	68	7·2	0	2	9	13	6	0	0	0	0	0	1	6	6	17	0	0	0	0	17	13	0	2	3	1	0	4	8	9	3
			21	84	1020·5		58·4	3·4	13·2	79	6·3	0	8	5	13	4	0	0	0	0	0	1	11	7	11	0	0	0	0	8	22	0	1	3	0	1	3	6	7	9
			1	231	1020·0		53·5	2·1	12·0	85	6·0	6	3	5	9	7	0	0	0	0	0	1	8	9	12	0	0	0	3	26	1	0	3	1	1	2	6	14	2
	S. Farnborough H		7	231	1020·2	+3·3	55·5	2·8	12·3	82	7·3	0	4	5	16	5	0	0	0	0	0	2	4	7	17	0	0	0	6	23	1	1	2	2	2	1	3	15	3
			13	231	1019·7		65·3	8·0	12·5	60	7·8	1	1	3	22	3	0	0	0	0	0	0	2	8	18	2	0	1	12	17	0	4	2	1	0	1	9	8	5
			18	231	1019·6		64·3	7·7	12·3	61	6·6	0	7	6	11	6	0	0	0	0	0	0	2	4	22	2	0	0	8	22	0	2	4	1	0	2	9	8	4
I. of Wight	Ventnor (Hosp.)		9	80	–	–	60·0	4·0	13·6	77	6·2	0	8	8	8	6	–	–	–	–	–	–	–	–	–	–	0	3	12	15	0	0	1	5	1	0	1	17	5
			15	80	–	–	61·9	4·5	14·2	75	5·4	1	12	2	9	6	–	–	–	–	–	–	–	–	–	–	0	2	17	11	0	0	0	2	1	0	3	23	1
Wiltshire	Amesbury H		1	420	1020·3		51·2	1·2	11·9	91	5·8	4	6	5	8	7	0	0	0	0	0	0	9	14	7	0	0	0	5	20	5	2	0	2	0	4	10	4	3
	(Boscombe Down)		7	420	1020·3		54·6	2·2	12·5	86	7·2	1	4	3	17	5	0	0	1	0	0	1	4	15	9	0	0	0	6	20	4	2	1	1	2	3	7	7	3
			13	420	1020·0		63·7	7·2	12·6	64	7·3	1	2	6	16	5	0	0	0	0	0	0	3	9	18	0	0	1	13	16	0	2	2	0	2	2	9	9	4
			18	420	1019·8		62·3	6·9	12·2	65	6·1	0	9	6	11	4	0	0	0	0	0	0	1	11	17	1	0	0	11	19	0	1	4	0	1	4	5	11	4
	Larkhill .. H		9	444	1020·4		59·0	4·5	12·7	74	7·1	1	5	3	15	6	0	0	0	0	0	0	4	6	20	0	0	0	16	14	0	2	5	0	2	0	9	7	5
			13	444	1020·2		63·1	6·2	13·2	67	7·3	0	4	5	16	5	0	0	0	0	0	0	3	6	20	1	0	1	14	15	0	2	3	1	1	1	6	9	7
			15	444	1020·3		63·6	6·6	13·1	66	7·3	0	4	6	14	6	0	0	0	0	0	0	1	5	24	0	0	1	14	15	0	1	2	2	0	2	9	8	6
7a ENGLAND, N.W.																																				
Lancashire	Hutton		9	86	1017·0	+1·1	59·1	3·6	13·5	79	6·3	3	2	8	17	0	–	–	–	–	–	–	–	–	–	–	0	0	1	24	5	2	1	1	1	4	10	4	2
	Manchester (Whitworth Pk.)		9	127	1017·7	+1·6	58·9	4·7	12·3	72	7·4	1	3	5	13	8	–	–	–	–	–	–	–	–	–	–	0	0	9	19	2	1	1	0	0	3	9	8	6
			21	127	1018·0		57·8	3·7	12·7	78	6·1	1	9	6	6	8	–	–	–	–	–	–	–	–	–	–	0	0	2	28	0	0	1	2	0	2	12	7	6
	Southport †H (Bedford Rd. Park)		9	37	1018·2	+1·6	59·3	4·7	12·6	73	6·8	2	4	5	12	7	0	0	0	0	1	2	8	5	14	0	0	2	9	17	2	1	0	0	2	4	3	13	5
			15	37	1018·3		61·7	6·0	12·7	67	5·5	0	12	5	7	6	0	0	0	0	0	0	7	6	13	4	0	1	17	12	0	1	0	1	0	2	4	13	9
			21	37	1018·4		56·7	3·0	12·9	81	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0	2	13	14	1	1	0	3	0	2	6	11	7
	Stonyhurst ..		9	381	1017·8	+1·2	58·0	4·5	12·0	73	7·0	3	2	0	20	5	0	0	0	0	0	1	12	4	13	0	0	0	13	16	1	2	1	0	2	5	8	11	0
			21	381	1018·0		55·2	2·6	12·4	83	6·7	2	6	3	11	8	0	0	0	0	1	1	10	6	12	0	0	0	7	19	4	1	2	0	1	5	6	10	1
Cheshire	Bidston Obs'y. ..		9	202	1018·0	+1·5	58·2	4·2	12·4	75	7·7	0	4	2	17	7	0	0	0	0	1	5	9	12	3	0	0	2	12	16	0	0	0	1	1	5	4	12	7
			1	261	1017·8		52·0	1·5	11·9	90	6·7	3	6	1	11	9	0	0	0	2	1	1	16	3	6	1	0	0	7	17	6	0	2	0	3	12	4	2	1
	Manchester H (Ringway)		7	261	1018·0		54·1	2·0	12·5	87	6·8	2	4	4	13	7	0	0	0	1	2	4	19	1	3	0	0	0	8	16	6	0	1	1	0	11	6	5	0
			13	261	1018·0		62·0	6·3	12·4	65	7·5	0	3	6	14	7	0	0	0	0	0	0	7	5	12	6	0	2	14	12	2	1	1	0	0	8	5	9	4
			18	261	1017·7		61·5	6·0	12·5	67	6·0	0	6	13	7	4	0	0	0	0	0	1	9	3	7	10	0	1	14	14	1	0	2	0	1	6	4	11	5
7b NORTH WALES																																				
Flint	Sealand .. H		1	19	1017·6		53·7	2·1	12·1	85	7·3	2	5	1	11	11	0	0	0	0	0	3	14	10	3	0	0	1	1	15	13	1	0	1	0	2	3	5	5
			7	19	1017·9		55·6	3·2	12·1	80	7·1	3	2	2	18	5	0	0	0	0	2	5	4	4	15	0	0	1	1	20	8	1	0	0	0	6	2	8	5
			13	19	1017·9		62·9	6·8	12·4	65	7·1	2	2	6	14	6	0	0	0	0	0	2	5	6	13	4	0	2	8	20	0	10	0	1	0	5	3	6	5
			18	19	1017·8		61·3	5·9	12·4	67	6·4	0	6	8	11	5	0	0	0	0	0	1	3	9	14	3	0	0	10	19	1	3	0	1	0	2	4	8	11

†Visibility at Hesketh Park (at 9h. and 15h.); wind at Marshside. * Mean of hourly readings.

TABLE IV (*continued*)—Summary of Observations at fixed hours JUNE, 1943

District, County and Place		Hour of Observation	Height of Barometer above Mean Sea Level	Mean Pressure: At Mean Sea Level	Mean Pressure: Difference from Average	Temperature and Humidity: Dry Bulb	Temperature and Humidity: Depression of Wet Bulb	Temperature and Humidity: Vapour Pressure	Temperature and Humidity: Relative Humidity	Cloud Amount: Mean Amount	Cloud Amount: No. of Observations 0	1 to 3	4 to 6	7 to 9	10	Visibility: Number of Observations: Fog 0	Fog 1	Fog 2	Fog 3	Mist	Poor Vis.	Mod. Vis.	Good Visibility 7	Good Visibility 8	Good Visibility 9	Wind, Number of Observations: Force (0-12) 8 or more	6 to 7	4 to 5	1 to 3	Calm	Direction N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
		G.M.T.	ft	mb	mb	°F	°F	mb	%																												
7b NORTH WALES—*cont.*																																					
Anglesey	Holyhead (Valley) H	1	34	1017·7	–	52·7	1·3	12·4	91	6·3	4	4	5	7	10	0	0	1	0	2	1	4	4	18	0	0	2	9	12	7	1	0	0	1	7	10	2	2
		7	34	1017·9	+1·6	55·3	2·4	12·7	85	5·9	3	7	3	13	4	0	0	1	1	0	0	3	4	20	1	0	3	12	11	4	1	1	0	0	9	8	4	3
		13	34	1018·3	–	60·1	4·4	13·3	75	5·7	4	4	8	9	5	0	0	0	0	0	1	5	5	14	5	0	6	12	12	0	2	1	0	0	6	12	5	4
		18	34	1018·0	–	58·0	3·4	13·1	79	5·7	6	4	3	12	5	0	0	1	0	1	0	3	4	15	6	0	6	13	11	0	2	1	0	0	6	12	5	4
Carnarvon	Llandudno ..	9	33	1017·7	–	57·8	3·7	12·6	77	6·5	4	3	3	17	3	0	0	0	0	0	0	3	8	18	1	0	0	6	24	0	0	0	3	0	4	16	6	1
8a SOUTH WALES.																																					
Cardigan	Aberporth ..	7	379	1019·1	–	54·3	1·6	12·9	89	6·7	4	2	4	16	4	0	0	0	0	0	1	4	8	17	0	0	0	12	15	3	1	1	0	0	7	8	8	2
		13	379	1019·5	–	58·9	3·8	13·2	78	6·5	2	6	3	10	9	0	0	1	0	0	0	4	8	12	5	0	2	15	12	1	1	2	0	0	4	7	10	5
		18	379	1019·4	–	57·3	3·1	13·1	81	6·9	2	5	1	16	6	0	0	0	0	0	0	4	6	15	5	0	2	14	13	1	3	0	0	1	2	10	10	3
Pembroke	St. Ann's Head ..	1	152	1019·2	–	54·6	1·3	13·3	91	5·4	3	10	4	7	6	0	3	0	0	0	1	3	8	15	0	0	2	13	14	1	2	2	1	0	2	4	13	5
		7	152	1019·1	+2·4	54·7	1·2	13·5	93	5·5	5	7	4	7	7	0	5	0	0	0	1	2	12	11	0	0	3	10	17	0	1	2	3	1	2	6	8	7
		13	152	1020·0	–	57·4	2·3	13·8	86	6·1	1	8	8	5	8	0	1	0	0	0	1	4	12	12	3	0	6	8	16	0	0	1	0	0	3	8	12	6
		18	152	1019·7	–	57·3	2·2	13·9	87	6·1	2	8	4	9	7	0	1	0	0	0	1	4	7	16	1	0	6	9	14	1	3	2	0	0	1	8	12	3
Radnor	Rhayader	9	—	–	–	54·9	2·8	12·0	81	7·8	2	1	3	12	12	0	0	0	0	0	0	5	8	17	0	0	0	1	29	0	0	0	0	0	2	2	8	7	11
Glamorgan	Cardiff	9	203	1019·9	+2·2	58·9	4·7	12·3	72	7·1	2	2	5	13	8	0	0	0	0	0	0	16	3	11	0	0	0	1	29	0	1	4	1	0	1	14	8	1
	St. Athan ..	1	147	1020·2	–	54·2	1·3	13·1	91	6·3	6	2	4	10	8	0	0	1	1	1	2	15	6	4	0	0	0	10	12	8	1	0	0	0	0	8	8	5
		7	147	1020·1	–	55·4	2·0	13·1	87	7·4	2	2	5	11	10	0	0	0	1	4	3	14	4	3	1	0	0	7	21	2	1	5	1	0	0	7	13	1
		13	147	1020·5	–	60·8	4·7	13·4	73	6·8	0	5	8	8	9	0	0	0	0	1	1	11	4	11	2	0	0	12	18	0	0	0	2	0	3	9	15	1
		18	147	1020·5	–	59·8	4·0	13·5	77	6·5	1	7	3	12	7	0	0	0	1	0	2	7	7	9	4	0	0	13	16	1	2	0	1	0	1	6	17	2
8b ENGLAND, S.W.																																					
Somerset	Bath	9	113	1019·8	+2·8	60·3	5·2	12·5	70	6·6	3	2	10	5	10	0	0	0	0	0	0	2	5	22	1	0	0	4	24	2	1	3	3	0	0	9	10	2
	Bristol (Airport) H	1	236	1020·1	–	53·1	1·2	12·7	92	5·9	2	8	4	10	6	0	0	0	0	0	2	15	6	7	0	0	0	4	18	8	0	1	0	0	1	10	9	1
		7	236	1020·2	–	55·7	2·0	13·3	87	7·4	1	3	5	14	7	0	0	0	0	0	2	6	11	11	0	0	0	5	22	3	1	0	2	0	4	8	9	3
		13	236	1020·1	–	63·8	5·9	14·0	69	6·8	0	6	6	12	6	0	0	0	0	0	0	2	5	23	0	0	0	12	18	0	1	2	2	1	2	5	15	2
		18	236	1020·0	–	61·8	4·8	13·9	73	6·3	0	9	5	11	5	0	0	0	0	0	0	1	4	24	1	0	0	17	13	0	2	1	2	0	3	4	14	4
Dorset	Holton Heath H	9	58	1020·8	–	60·3	4·5	13·3	75	7·6	0	3	6	12	9	0	0	0	0	1	2	3	11	11	2	0	2	5	22	1	3	4	1	2	1	8	5	5
		15	58	1020·6	–	64·2	6·5	13·4	66	6·9	1	4	4	17	4	0	0	0	0	0	0	1	19	10	0	0	2	11	17	0	2	1	1	1	2	14	4	5
	Portland Bill ..	1	37	1020·9	–	55·9	1·5	13·9	91	7·5	1	1	5	11	12	0	0	0	0	0	0	0	10	20	0	0	0	17	13	0	1	2	1	0	3	12	10	1
		7	37	1020·7	+3·8	56·8	1·5	14·3	91	8·6	0	0	2	13	15	0	1	1	0	0	0	0	6	22	0	0	0	18	12	0	0	4	8	10	1	1	2	1
		13	37	1021·0	–	58·7	1·8	15·1	89	8·3	0	0	7	11	12	0	0	0	0	0	0	0	6	22	0	0	0	16	13	0	0	2	0	2	2	15	9	0
		18	37	1020·7	–	58·0	1·6	14·9	91	7·8	0	1	10	7	12	0	1	0	0	0	0	0	2	25	0	0	0	17	13	0	0	0	2	1	3	13	11	0
Devon	Hartland Pt. ..	1	305	1019·4	–	55·0	1·5	13·3	90	6·1	5	3	6	10	6	0	2	0	0	0	1	1	14	12	0	0	3	14	12	1	2	3	0	1	3	4	12	4
		7	305	1019·3	–	55·5	1·8	13·3	78	6·8	3	4	4	12	7	0	4	0	1	0	0	2	11	12	0	0	2	11	16	1	0	3	1	0	1	7	11	6
		13	305	1020·1	–	58·2	3·0	13·5	81	6·1	1	4	13	8	4	0	1	0	0	0	1	2	11	14	1	0	2	12	16	0	2	3	0	0	0	6	13	6
		18	305	1019·8	–	57·9	2·7	13·7	83	5·8	4	4	8	8	6	0	1	0	1	0	0	4	9	14	1	0	2	11	17	0	1	3	0	0	0	5	16	5
	Plymouth (Mount Batten) H ..	1	27	1021·2	–	53·9	0·7	13·6	95	6·7	6	2	2	9	11	0	0	0	1	1	1	13	7	7	0	0	0	9	17	4	0	2	3	0	0	8	10	3
		7	27	1021·1	+4·0	55·4	1·4	13·7	91	7·2	2	5	2	11	10	0	0	1	1	0	2	8	11	7	0	0	1	5	20	4	1	0	2	0	1	9	10	3
		13	27	1020·9	–	59·7	3·1	14·3	82	7·7	0	3	5	15	7	0	0	0	0	0	2	3	8	14	3	0	0	2	8	20	0	0	0	1	0	3	14	8	4
		18	27	1021·5	–	58·8	3·0	13·8	82	6·7	1	6	4	10	9	0	0	0	0	1	0	6	7	11	5	0	2	13	15	0	1	0	1	0	1	15	9	3
Cornwall	The Lizard ..	1	240	1020·9	–	53·8	0·8	13·4	95	6·4	4	2	9	6	9	0	1	2	2	0	0	0	10	15	0	0	3	10	15	2	3	1	2	0	2	4	13	3
		7	240	1020·9	–	55·2	1·0	13·9	93	7·6	0	4	4	12	10	0	0	2	0	0	1	2	10	15	0	0	2	12	13	3	1	2	2	0	2	5	7	8
		13	240	1021·7	–	59·9	3·0	14·5	82	6·9	1	3	10	9	7	0	0	2	1	0	1	1	5	20	0	0	3	13	11	3	0	0	4	0	2	1	5	11	6
		18	240	1021·4	–	58·3	2·8	13·8	83	6·0	2	7	8	3	10	0	0	2	0	0	1	0	6	21	0	0	3	13	12	2	0	1	3	0	2	1	5	13	3
	Newquay ..	9	185	1020·3	+3·1	59·2	3·5	13·5	79	7·1	1	5	4	8	12	0	0	0	1	1	0	2	8	15	3	0	0	14	16	0	4	0	0	0	2	7	11	6
NORTHERN IRELAND																																					
Antrim	Aldergrove H	1	271	1016·0	–	51·7	1·4	11·9	90	6·8	3	4	2	13	8	0	0	0	0	0	2	4	10	14	0	0	0	1	24	5	1	0	1	4	5	5	5	4
		7	271	1016·0	–	53·6	2·0	12·3	87	6·9	2	4	5	11	8	0	0	0	0	0	2	4	10	12	2	0	0	4	22	4	0	0	1	2	8	5	7	3
		13	271	1015·8	–	60·6	4·9	13·2	73	7·7	1	3	4	13	9	0	0	0	0	0	2	1	4	17	6	0	0	6	24	0	1	0	1	2	8	4	10	4
		18	271	1015·7	–	59·7	4·0	13·5	77	7·2	2	4	2	19	3	0	0	0	0	1	0	1	5	16	7	0	0	2	27	1	1	0	2	1	4	12	4	5
Armagh	Armagh .. H	9	209	1016·2	+0·4	58·4	4·0	12·7	76	7·2	2	2	5	13	8	0	0	0	0	0	0	0	1	29	0	0	1	7	22	0	1	3	0	0	9	6	7	4
		21	209	1016·8	–	54·9	2·4	12·5	84	5·9	2	9	2	12	5	0	0	0	0	0	0	0	0	30	0	0	1	8	20	1	1	1	0	3	5	13	3	3
Scilly	St. Mary's ..	1	199	1020·6	–	54·3	1·2	13·2	91	6·3	6	3	3	9	9	0	1	1	0	0	1	5	13	9	0	0	3	11	15	1	2	2	1	1	1	8	10	4
		7	199	1020·8	+3·5	55·6	1·4	13·7	91	7·1	4	3	1	11	11	0	1	1	0	0	1	5	10	12	0	0	3	14	13	0	1	4	2	1	2	7	7	6
		13	199	1021·0	–	61·2	4·4	13·8	75	6·9	3	2	6	10	9	0	1	0	1	1	0	1	12	14	0	0	2	15	13	0	2	1	1	2	2	10	8	4
		18	199	1021·5	–	58·5	3·4	13·3	79	7·0	3	3	4	11	9	0	2	0	0	0	1	3	13	11	0	0	3	14	13	0	2	2	2	0	1	10	9	4
GIBRALTAR	.. .. H	1	400	1019·4	–	67·9	3·4	19·1	83	2·8	11	11	2	5	1	0	0	0	0	0	0	1	3	19	7	0	6	12	11	1	0	8	9	0	0	0	11	1
		7	400	1019·4	–	68·6	4·4	18·6	79	3·9	2	16	4	5	3	0	0	1	0	1	0	0	6	19	3	0	4	16	8	2	0	8	9	0	0	0	7	4
		13	400	1019·6	–	72·9	6·2	19·7	71	3·7	4	17	5	4	0	0	0	0	0	0	0	0	6	18	6	0	5	16	9	0	0	10	9	0	2	4	5	0
		18	400	1018·2	–	71·1	4·3	20·5	79	2·8	5	15	6	4	0	0	0	0	0	0	0	1	5	18	6	0	2	18	9	1	0	10	8	0	1	4	6	0
MALTA	.. .. H	1	234	1017·6	–	67·4	3·1	19·2	84	1·0	22	5	2	1	0	0	0	0	0	0	0	0	9	21	0	0	0	4	18	8	1	1	1	1	2	4	6	6
		7	234	1018·0	–	71·1	5·5	18·9	74	1·9	9	16	2	3	0	0	0	0	0	0	0	0	3	27	0	0	0	5	24	1	3	5	1	0	1	4	3	12
		13	234	1017·8	–	76·1	9·1	18·7	61	1·9	8	16	3	3	0	0	0	0	0	0	0	0	0	24	0	0	0	8	22	0	5	7	2	0	2	4	3	7
		18	234	1017·2	–	72·7	5·9	19·9	72	1·4	10	16	2	2	0	0	0	0	0	0	0	0	2	23	5	0	0	7	21	2	4	3	3	0	1	4	5	8

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MONTHLY WEATHER REPORT OF THE METEOROLOGICAL OFFICE

SUMMARY OF OBSERVATIONS COMPILED FROM RETURNS OF OFFICIAL STATIONS AND VOLUNTEER OBSERVERS

PUBLISHED BY HIS MAJESTY'S STATIONERY OFFICE. To be purchased directly from H.M. STATIONERY OFFICE at the following addresses: York House, Kingsway, London W.C.2; 120 George Street, Edinburgh 2; 39–41 King Street, Manchester 2; 1 St. Andrew's Crescent, Cardiff; 80 Chichester Street, Belfast; or through any bookseller.

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JULY, 1943.—Dry on the whole; warm from 24th-31st.

The weather of the month was dry on the whole and there was a considerable excess of sunshine except in the south of England. The last week was very warm, particularly the last two days.

During the opening days an anticyclone centred northward of the British Isles moved east and maintained fair weather over the country generally. On the 3rd a depression north of Iceland and a shallow trough of low pressure extending to the Hebrides moved east, causing slight rain in Scotland, but fair weather persisted over England. On the 4th a trough of low pressure moved south-east across the British Isles and was associated with slight, scattered showers in the north and west.

A period of rather cool, unsettled weather ensued which lasted until the 16th; on the 5th a small, shallow depression rapidly approached from the Atlantic and on the 6th moved eastward over southern Scotland; showery weather prevailed from the 6th–8th with rather widespread thunderstorms. Rain on the 9th was associated with a trough of low pressure moving east across the British Isles. Between the 10th and 12th a depression off north-west Ireland moved north-east to the Hebrides and then north; rain occurred, which was heavy locally. Strong winds with gusts of gale force occurred from the 11th–13th. On the 14th and 15th a depression moved north-east along our north-west seaboard and was associated with rain or showers in most districts; falls of more than 2 in. were registered locally in north Wales and north-west England on the 14th.

A ridge of high pressure moving north-east over Scotland between the 16th and 18th gave a temporary fair spell in most areas, but a depression south-west of Ireland moved north-east and caused local rain in the south-west on the 17th and in southern England and south Ireland on the 18th. There followed a period with high pressure to the north and low pressure to the south of the British Isles, when fair weather prevailed except in southern England. By the 22nd a ridge of high pressure extended southward over the British Isles from the anticyclone now situated over The Faeroes. During the ensuing days the ridge moved east and there was practically no rainfall over the whole country from the 22nd–24th. In Scotland dry, sunny weather was enjoyed for the most part from the 16th–24th inclusive.

Subsequently a depression off south-west Iceland moved slowly north-east; rain occurred at times in the west and north but practically none fell in the south and east. On the 29th and 30th a small anticyclone moved eastward from Northern Ireland to the North Sea and on the 31st a depression off west Ireland spread east and north, while cold fronts moved north-east over Britain. Widespread thunderstorms were experienced in Great Britain on the 31st, which were accompanied locally in England by line squalls. During the last week temperature was high, the highest readings occurring in most places on the 31st.

Pressure and Wind.—Mean pressure slightly exceeded the average except at the Scilly Isles. The deviation from the average at 7 h. ranged from +1·9 mb. at Tynemouth to −0·1 mb. at St. Mary's, Scilly. The total run of the wind was below the average in the north of the British Isles and above the average in the southern half of England. Only three of the anemometer stations recorded a mean hourly velocity of more than 38 m.p.h. Gusts of 50 m.p.h. or rather more were somewhat widespread from the 11th–13th. A heavy line squall occurred in the London area on the evening of the 31st. Among the highest speeds registered in gusts were 63 m.p.h. at Kew Observatory on the 31st, 62 m.p.h. at Bidston, 57 m.p.h. at Manchester (Ringway) and Fleetwood on the 13th and 55 m.p.h. at Stornoway on the 26th.

Temperature.—On the whole mean temperature was very slightly below the average in Scotland and somewhat exceeded the average in England and Wales. The deviation for the districts ranged from −0·7°F. in Scotland, E. to +1·0°F. in the Midlands and England SW. The opening days were rather warm and the last week very warm, particularly the last two days. On the 31st temperatures approaching or slightly exceeding 90°F. were widely registered in England, while values of 85°F. or above were recorded locally in Scotland. The reading 91°F. at Kew Observatory on the 31st was the highest for July in the Observatory's long record, while 88°F. at North Berwick is the highest temperature which has been recorded there since observations were begun in 1922. Among cool nights were the 2nd–3rd, 7th–10th, 17th–18th and 23rd–25th.

The extremes for the month were:—(England and Wales) 93°F. at Worcester and Croydon on the 31st, 35°F. at Castleton on the 24th; (Scotland) 88°F. at Dunbar and North Berwick on the 31st, 34°F. at Braemar on the 17th and at Dalwhinnie on the 23rd; (Northern Ireland) 88°F. at Armagh on the 31st and 41°F. at Ballyhalbert on the 10th and Garvagh on the 17th.

Precipitation.—The general precipitation expressed as a percentage of the average for the period 1881–1915 was 78 over England and Wales, 81 over Scotland and 73 over Northern Ireland. More than the average occurred in the Orkney and Shetland Islands, over areas in west and north-west Scotland and a small area in the Border counties, over part of north-west England and north Wales, over most of an area in the south of England stretching from Cornwall to Sussex and at one or two isolated places elsewhere. Less than half the average was received over much of east and north-east England and the Midlands, part of east Scotland (including Aberdeenshire) and locally in Ayrshire. In Northern Ireland the percentages ranged from 52 at Ballymena to 92 at Londonderry.

Among the heaviest falls in 24 hours were:—

10th. 2·47 in. at Blaenau Festiniog (Merioneth) and 2·46 in. at Machynlleth (Montgomery).
11th. 1·87 in. at Cantref.
12th. 1·88 in. at Ardgour (Argyll).
14th. 2·60 in. at Blaenau Festiniog, 2·48 in. at Sedbergh (Yorks) and 2·25 in. at Borrowdale.
30th. 1·91 in. at Skallary.
31st. 1·74 in. at Newcastleton (Roxburgh).

Thunderstorms were reported from the 5th–8th, 12th, 15th, 17th–19th and 30th–31st; they were widespread from the 6th–8th and on the 31st.

Sunshine.—Sunshine substantially exceeded the average on the whole; it was appreciably below the average, however, in some parts of southern England. The percentages for the districts ranged from 96 in England, SW. to 133 in Northern Ireland and England, NW. and 135 in Scotland, W. Over Scotland as a whole it was the sunniest July since 1935. The mean daily sunshine ranged from less than 5 hours over a part of the Scottish Highlands to slightly more than 8 hours at Douglas, Isle of Man, and locally on the eastern shores of the Irish Sea. In Scotland and Northern Ireland sunshine was abundant during the period 16th–24th and in the eastern half of England and the Midlands the last week was very sunny.

Fog.—Fog (chiefly morning) was reported at times, mainly on the 2nd–3rd, 11th, 15th–17th and 22nd–31st. Fog was rather persistent on the south-west coasts on the 11th and rather widespread on the 23rd.

Miscellaneous Phenomena.—Solar halos were noted at Oxford on 14 days. A small whirlwind was observed near Kings Stanley, Glos., about the 15th.

MWR dup

TABLE I—DISTRICT VALUES— JULY, 1943

[1908, revised 1928 and 1941]

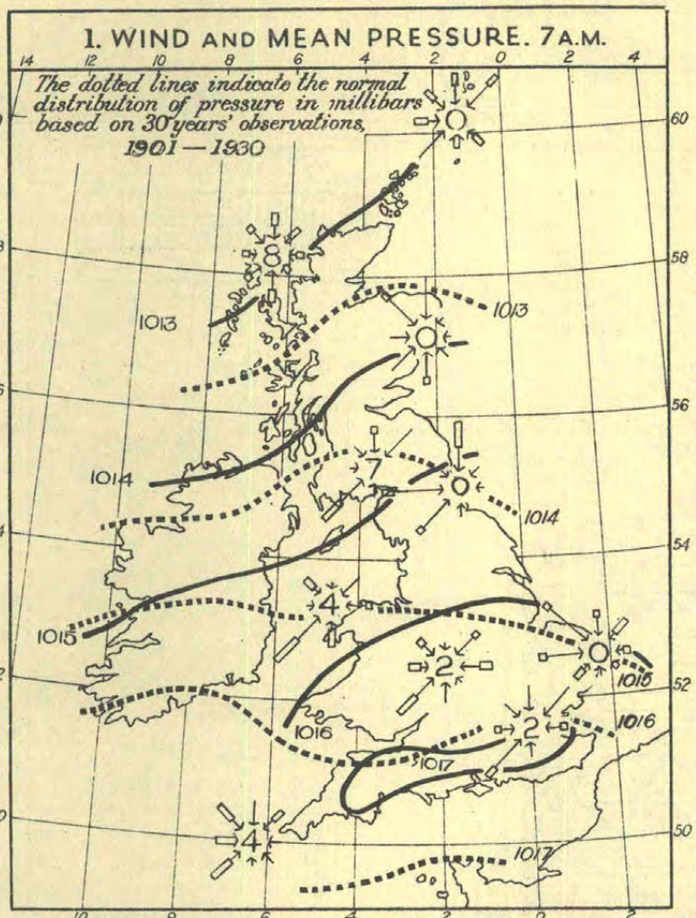
DISTRICTS	AIR TEMPERATURE			EARTH TEMPERATURE		RAINFALL		SUNSHINE	
	Highest	Lowest	Daily Mean Difference from Average	At 1 ft Difference from Average	At 4 ft Difference from Average	Percentage of Average	No. of Days Difference from Average	Percentage of Average	Percentage of Possible Duration
	°F	°F	°F	°F	°F	%		%	%
0 SCOTLAND, N.	81	34	-0·3	—	—	120	-2	125	31
Eastern									
1 SCOTLAND, E.	88	34	-0·7	—	—	73	-2	119	36
2 ENGLAND, N.E.	89	35	-0·3	+0·4	+0·2	54	-3	117	39
3 ENGLAND, E.	89	38	+0·2	-0·7	-0·3	57	-3	102	42
4 MIDLAND COUNTIES ..	93	37	+1·0	+0·1	+1·1	45	-5	113	39
5 ENGLAND, S.E.	93	39	+0·8	+0·8	+0·5	77	-2	97	40
Western									
6 SCOTLAND, W.	86	36	0·0	0·0	-0·2	88	-3	135	40
7 ENGLAND, N.W. (*and N. Wales*)	90	39	+0·2	+0·6	+1·6	111	-4	133	47
8 ENGLAND, S.W. (*and S. Wales*)	89	40	+1·0	+0·4	+0·9	83	+1	96	40
NORTHERN IRELAND	81	41	+0·6	—	—	73	-3	133	39
MEAN 0, 1, 6 ..	—	—	-0·3	—	—	—	—	126	36
MEAN 2, 3, 4, 5, 7, 8	—	—	+0·5	—	—	—	—	109	41

TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— JULY, 1943

[1914]

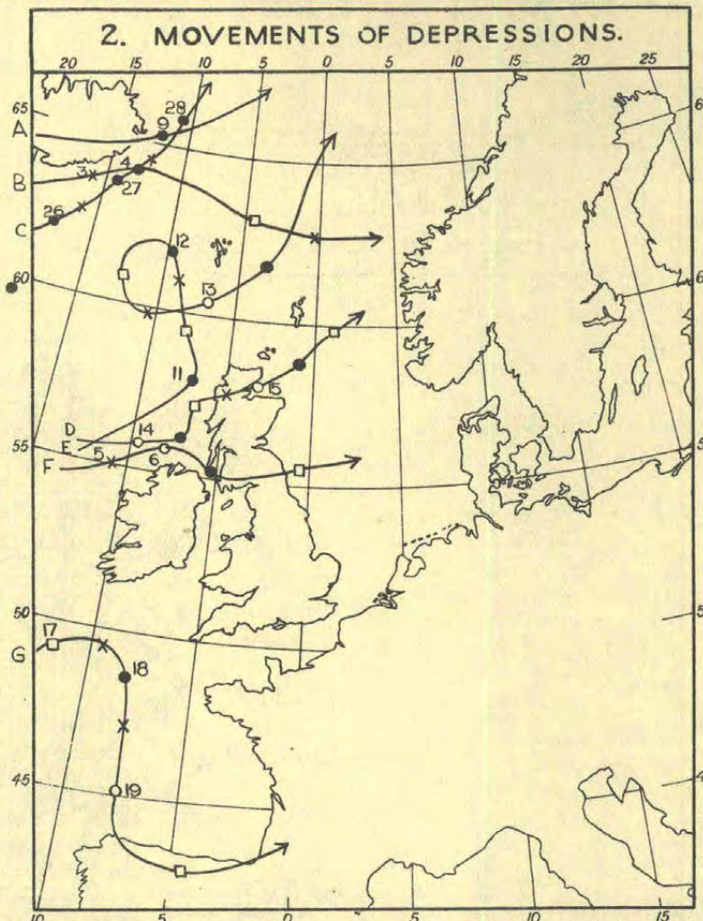
DISTRICT AND STATION	Height of Vane			Distribution of Wind ‡‡								Extreme Velocities								
				More than 38 mi/hr		25 to 38 mi/hr		13 to 24 mi/hr	4 to 12 mi/hr	Less than 4 mi/hr	No Record	Highest Hourly Wind				Highest Gust				
	Above Mean Sea Level	Above Ground	Effective Height	Dates of Occurrence	Duration	No. of days	Duration	Duration	Duration	Duration	Duration	Veer from N.	Speed		Hour ended at	Speed		Time		
	ft	ft	ft		hr		hr	hr	hr	hr	hr	°	mi/hr	m/s	day hr	mi/hr	m/s	d	h	m
0 SCOTLAND, N.																				
Shetland Lerwick	310	53	39	–	0	6	36	357	283	68	0	360	34	15	16 10	49	22	16	09	20
Orkney Kirkwall	170	40	35	–	0	1	4	107	514	119	0	150	28	13	11 11	46	21	11	10	10
Hebrides Stornoway	120	40	36	26	1	10	64	269	273	137	0	180	39	17	26 04	55	25	26	16	20
1 SCOTLAND, E.																				
Aberdeen Aberdeen	120	41	32	–	0	1	1	45	536	162	0	320	25	11	16 09	48	22	4	13	25
Angus Bell Rock Lighthouse	130	—	126	–	0	12	63	248	225	208	0	260	36	16	11 13	51	23	11	14	15
Edinburgh Edinburgh	485	39	23	–	0	2	7	157	426	154	0	250	27	12	11 13	49	22	11	12	05
6a SCOTLAND, W.												260)			11 10			11	11	00
Argyll Tiree	75	50	42	–	0	3	15	214	354	161	0	230	26	12	12 06	39	17	26	08	45
Renfrew Paisley	188	81	31	–	0	0	0	83	515	146	0	290)			13 13					
Renfrew (Abbotsinch)	65	46	34	–	0	1	1	95	436	212	0	240	22	10	11 12	47	21	12	13	00
Dumfries Eskdalemuir ..	825	50	35	–	0	4	22	171	402	149	0	250	27	12	11 11	54	24	11	11	40
6b ISLE OF MAN												230	32	15	11 09	53	24	11	08	25
Isle of Man Point of Ayre ..	70	40	35	–	0	4	30	254	324	114	22	290	33	15	13 06	53	24	12	16	20
2 ENGLAND, N.E.																				
Durham South Shields ..	73	57	44	–	0	1	2	137	352	253	0	280	26	12	13 10	46	21	13	09	00
Durham	389	53	33	–	0	1	4	121	445	174	0	290	26	12	13 11	50	22	13	10	22
Yorks.,N.R. Catterick	220	45	33						Anemometer			Dismantled								
Yorks.,E.R. Spurn Head ..	64	42	34	–	0	10	36	399	284	25	0	280	35	16	13 16	54	24	13	13	10
Lincoln Cranwell	284	43	33	–	0	2	6	185	432	121	0	(270)	28	13	13 15	52	23	13	11	05
3 ENGLAND, E.																				
Norfolk Gorleston	52	42	34	–	0	0	0	222	429	93	0	20	23	10	21 12	49	22	13	13	15
Suffolk Mildenhall	98	83	58	–	0	4	14	172	464	87	7	260)	28	13	12 14	49	22	13	13	40
Bedford Cardington ..	285	150	135	–	0	7	40	273	374	57	0	270)			13 10,11					
Dunstable	567	55	33	–	0	0	0	315	352	76	1	230	31	14	12 17	50	22	31	18	55
Essex Shoeburyness ..	115	104	89	–	0	0	0	216	376	152	0	170	24	11	31 19	44	20	13	14	55)
4 MIDLAND COUNTIES												210	23	10	10 18	31	14	31	18	30)
Leicester Leicester	385	60	33							Defective								13	09	30
Warwick Birmingham ..	643	118	73	–	0	2	4	407	310	23	0	240	26	12	12 19	47	21	13	09	30
5 ENGLAND, S.E.				–	0	0	0	126	461	144	13	280	20	9	13 10	43	19	13	12	45)
London Southgate	222	30	—	–	0	0	0	0	150	594	0	–	10	5	12 04)	26	11	31	18	10)
Surrey Kew Observatory ..	92	75	50	–	0	0	0	177	428	139	0	90	20	9	12 08)	63	28	13	14	55
Kent Lympne	418	76	48	–	0	3	12	263	399	70	0	30)			17 19			31	17	55
Manston	199	46	40	–	0	0	0	162	399	183	0	20)	26	11	1 14)	46	21	12	07	45
Hants Thorney Island ..	75	65	45	–	0	0	0	184	370	190	0	230)	20	9	20 19)	41	18	6	14	45
Wiltshire Boscombe Down ..	462	45	33	–	0	0	0	146	307	291	0	280)			11 13					
Larkhill	491	51	36	–	0	1	1	252	325	166	0	290	23	10	20 15)	43	19	10	15	05
7a ENGLAND, N.W.												250	22	10	10 15	45	20	13	11	10
Lancashire Fleetwood	112	50	31	–	0	5	34	262	328	119	0	290	25	11	6 18	41	18	13	11	00
Southport	60	42	33	13	7	2	31	209	352	124	21	280	38	17	13 10	57	25	13	04	35
Cheshire Bidston Obs'y. ..	262	64	39	–	0	3	16	251	393	84	0	280	40	18	13 11	53	24	13	06	45
Manchester (Ringway) ..	315	80	40	–	0	3	14	273	360	97	0	270	38	17	13 11	52	28	13	10	05
7b NORTH WALES												280	35	16	13 11	57	25	13	11	20
Anglesey Holyhead	68	43	35	18	1	6	23	331	267	89	33	80	39	17	18 06	52	23	18	05	35
Flint Sealand	81	65	42	–	0	3	7	112	278	345	2	310	27	12	13 16	47	21	13	10	40
8a SOUTH WALES																				
Pembroke St. Ann's Head ..	212	70	—	–	0	10	84	185	310	164	1	290	36	16	13 04	50	22	13	05	25
8b ENGLAND, S.W.															02)					
Devon Plymouth	185	88	65	–	0	4	9	191	404	140	0	–	28	13	12 04)	46	21	17	22	50
Cornwall The Lizard	315	75	60																	
Pendennis Castle ..	256	65	42	–	0	8	69	149	326	200	0	Def.	34	15	17 18	44	20	17	21	55
NORTHERN IRELAND																				
Antrim Aldergrove	328	60	42	–	0	0	0	127	379	238	0	240	23	10	13 03	45	20	12	22	25
SCILLY ISLES																		13	02	10
St. Mary's	230	65	57	–	0	5	39	328	328	51	0	250	30	13	13 03	46	21	13	02	50

MONTHLY WEATHER CHARTS JULY 1943

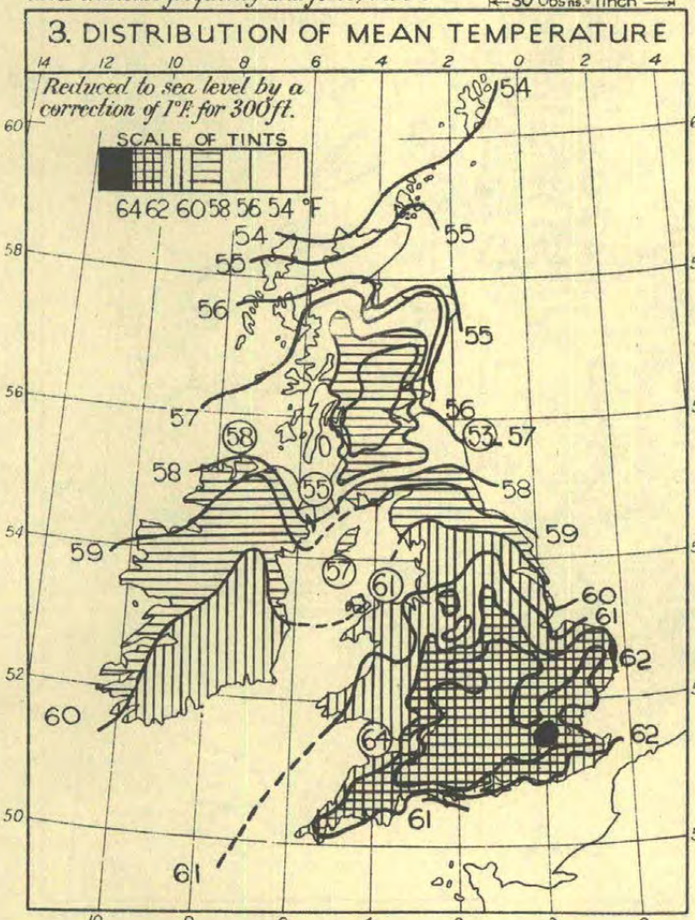


WIND ROSES. *The arrows fly with the wind and indicate frequency and force, thus :*

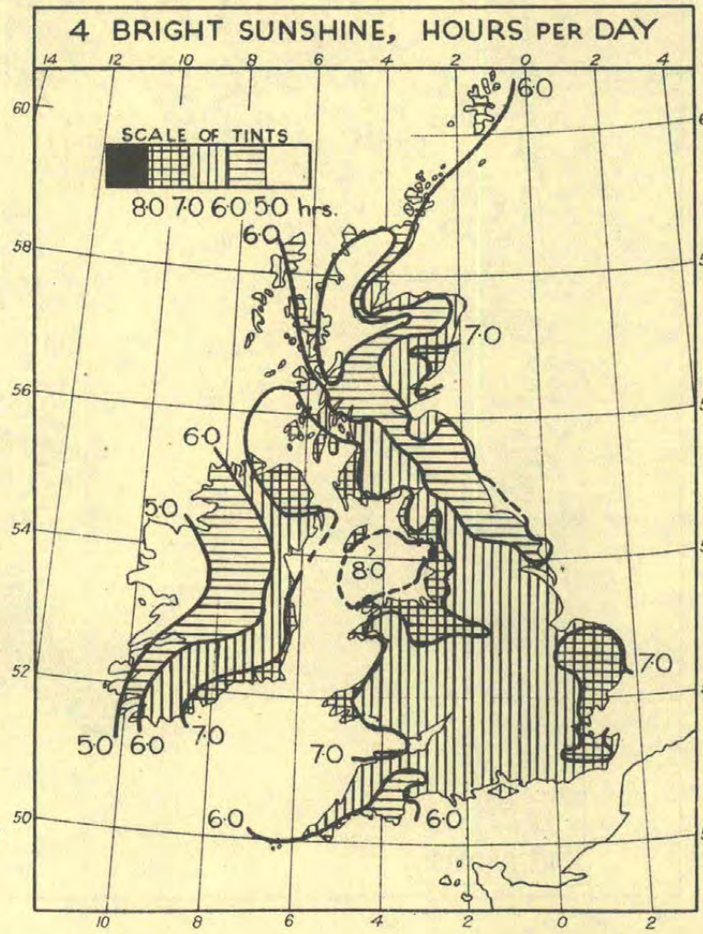
LIGHT MODERATE TO STRONG GALE
30 Obsns. = 1 inch

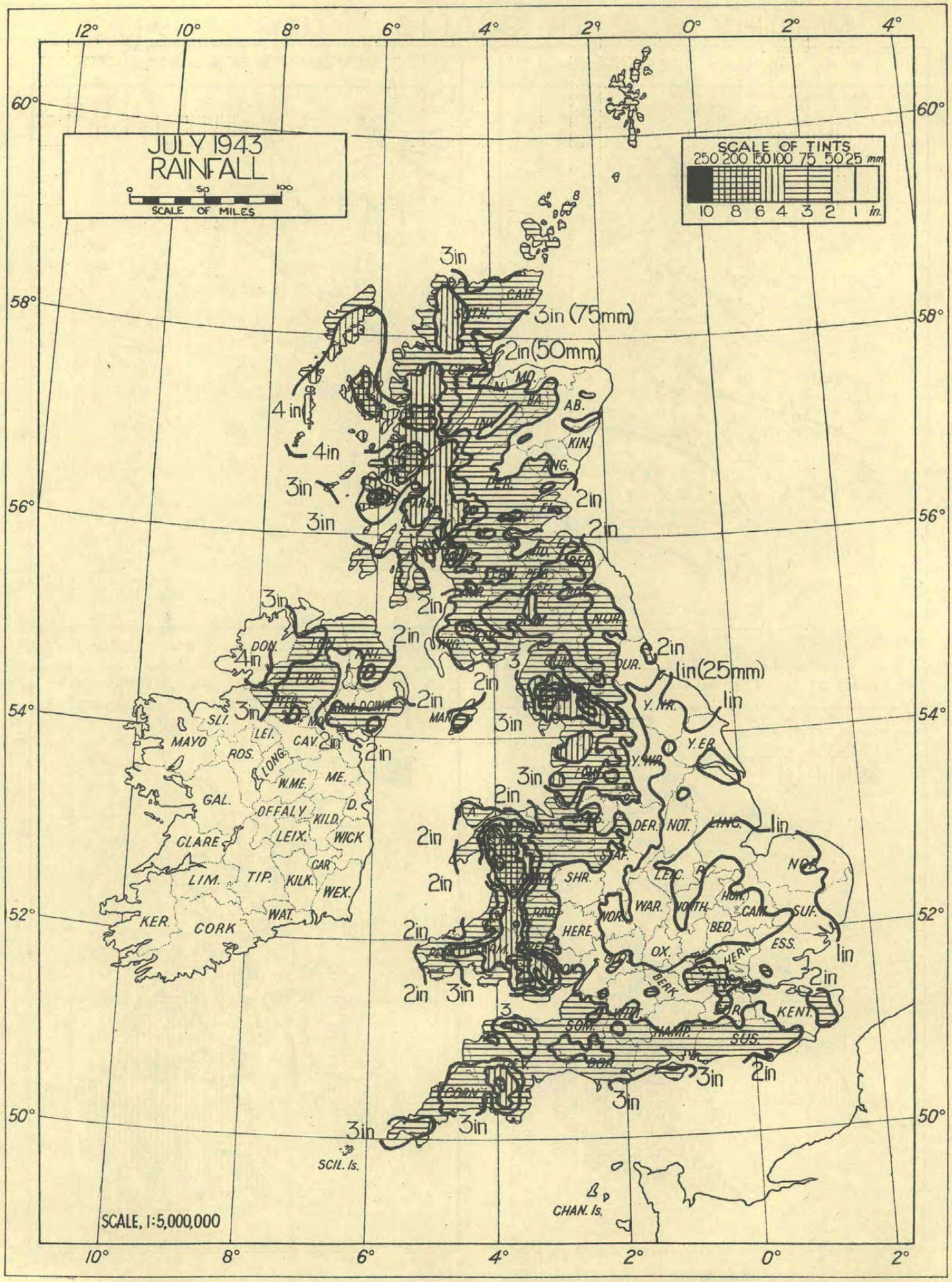


Positions of centres are shewn thus:- O at 1h; ● at 7h; □ at 13h; X at 18h.



Sea temperatures are shewn by figures in circles, thus : (50)





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

TABLE III—Summary of Observations of Temperature, Rainfall, Sunshine and Weather JULY, 1943

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation: Max. Min. Rain	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES FAHRENHEIT: Means of A Max.	B Min.	Mean of A and B	Difference from Average	Absolute Maximum and Minimum: Maximum	Date	Minimum	Date	Earth Temperature 1 ft	4 ft	RAINFALL: Total Fall mm	in	Percentage of Average	Most in a day: Amount	Date	WEATHER Number of days: Precip'n 0·1in (0·2mm) or more	0·4in (1·0mm) or more	Snow	Snow lying	Hail	Thunderstorm	Fog (Morn'g Obs.)	Ground Frost	Gale	BRIGHT SUNSHINE: Daily Mean	Percentage of Average	Percentage of Possible
		G.M.T.	ft	°F	°F	°F	°F	°F		°F		°F	°F	mm	in	%	in											hr	%	%
0	SCOTLAND, N.																													
Shetland	Baltasound ..	9 9 9	31	58·8	48·7	53·7	+0·2	65	27,28	41	11	55·1	–	78	3·09	122	·78	4	16	9	0	0	0	0	0	–	0	5·49	133	30
	Lerwick Obsy. ¶§	9 9 9	269	58·1	48·6	53·3	+0·1	64	27	43	9	–	–	84	3·30	144	·70	31	13	10	–	–	–	1	–	–	–	5·70	129	32
	Sumburgh (Links)	18–7 7	19	57·6	50·3	53·9	–	61	1,27	45	24	–	–	90	3·54	–	1·09	31	14	9	0	0	0	1	0	0	0	–	–	–
Orkney	Kirkwall .. ¶§	9 9 9	113	60·2	49·2	54·7	+0·2	68	27	43	10	55·2	–	84	3·30	123	·86	31	16	12	0	0	0	1	0	1	0	5·70	130	32
Hebrides	Benbecula ..	18–7 7	27	61·7	51·2	56·5	–	71	18	47	6,7	–	–	109	4·30	–	·95	30	17	14	0	0	0	1	1	0	0	–	–	–
	Castlebay ..	9 9 9	—																											
	Stornoway ¶§	18–7 7	12	60·2	49·8	55·0	–0·7	65	17,18,28	43	23	–	–	106	4·19	145	·86	31	18	16	0	0	0	1	1	0	1	5·45	116	32
Skye	Duntuilm ..	9 9 9	294	59·8	50·1	54·9	–	67	17	47	7,8,10	–	–	138	5·43	–	1·61	30	19	16	0	0	0	1	3	0	1	5·86	–	34
Caithness	Wick	18–7 7	114	59·5	51·4	55·5	+1·2	71	26	39	23	–	–	89	3·50	133	1·02	31	17	11	0	0	0	2	0	0	0	–	–	–
Sutherland	Cape Wrath ..	18–7 7	367	56·8	48·3	52·5	–	65	25	43	21	–	–	82	3·23	–	1·08	31	16	13	0	0	0	1	5	0	0	–	–	–
Ross & Cromarty	Achnashellach ..	9 9 9	225	65·0	50·0	57·5	0·0	75	2,18	42	7	–	–	123	4·82	99	·94	31	19	16	0	0	0	1	0	–	0	–	–	–
	Fortrose	9 9 9	69	63·9	50·4	57·1	–0·9	73	25	43	23	–	–	47	1·85	–	·61	30	17	12	0	0	0	1	0	–	0	5·75	111	33
	*Invergordon ..	18–7 7	26	64·5	48·1	56·3	–	75	25	41	23	–	–	77	3·04	–	1·00	6	16	10	0	0	0	1	0	0	0	–	–	–
Inverness	Dalwhinnie ..	18–7 7	1176	63·9	44·9	54·4	–	78	31	34	23	–	–	67	2·63	–	·55	6	17	15	0	0	0	1	2	4	0	6·11	–	36
	Ft. Augustus ¶§	9 9 9	68	63·8	50·2	57·0	+0·2	76	24	43	17	–	–	74	2·90	104	·55	30	17	13	0	0	0	1	0	–	0	4·53	121	26S
	Ft. William ..	9 9 9	34	65·4	50·3	57·9	+0·5	80	31	43	7	60·1	55·5	127	5·01	102	1·21	12	18	15	0	0	1	1	0	0	0	5·83	149	34S
	Inverness ¶§	9 9 9	242	62.4	49·9	56·1	–1·4	79	25	40	10	–	–	56	2·20	85	·49	30	14	11	0	0	0	0	0	0	0	5·98	127	35
	Onich	9 9 9	48	64·9	50·0	57·5	–	81	31	40	7	–	–	131	5·16	106	1·50	12	19	17	0	0	0	1	0	0	0	4·44	119	26S
1	SCOTLAND, E.																													
Nairn	Nairn .. ¶§	9 9 9	20	61·9	49·3	55·6	–1·7	72	25	39	23	–	–	38	1·48	55	·33	30	15	10	0	0	0	1	0	2	0	5·82	124	34
Moray	Forres	9 9 9	155	64·9	47·8	56·3	–	75	25	36	23	–	–	43	1·68	–	·58	16	14	11	0	0	0	1	0	2	0	6·75	–	39
	Gordon Castle ..	2121 9	104	64·8	48·8	56·8	–0·7	82	31	40	23	–	–	44	1·73	54	·75	15	14	10	0	0	0	0	–	–	0	–	–	–
	Lossiemouth ..	18–7 7	21	62·3	48·1	55·2	–	73	26	38	3	–	–	40	1·56	–	·44	15	15	11	0	0	0	1	0	–	0	–	–	–
Banff	Banff	9 9 9	130	62·8	50·5	56·7	–0·4	78	31	43	24	–	–	33	1·30	46	·42	10	15	5	0	0	0	1	0	0	0	5·48	111	32
Aberdeen	Aberdeen ¶§	242424	79	62·0	50·2	56·1	–0·6	72	31	41	23	58·1	54·6	25	·96	34	·41	11	10	6	0	0	0	0	0	0	0	6·61	135	39
		18–7 –	—	63·0	49·5	56·3	–1·6																							
	Balmoral	9 9 9	927	66·8	45·2	56·0	+0·9	83	31	35	18,23	–	–	32	1·25	49	·36	31	12	6	0	0	0	0	–	6	0	–	–	–
	Braemar	2121 9	1111	65·7	43·9	54·8	–0·3	80	31	34	17	–	–	23	·91	35	·27	31	11	7	0	0	0	0	0	1	0	7·24	–	42S
	Craibstone ..	9 9 9	300	63·0	47·8	55·4	–1·7	74	31	38	24	57·6	53·4	35	1·39	47	·52	10	15	8	0	0	0	1	–	0	–	6·88	126	40
	Dyce	18–7 7	241	62·6	47·8	55·2	–	73	31	36	24	–	–	35	1·39	–	·46	10	13	10	0	0	0	0	1	2	0	–	–	–
	Tarland	9 9 9	540	66·7	46·1	56·4	–	82	31	35	23	–	–	35	1·39	–	·47	15	10	7	0	0	0	1	–	–	0	–	–	–
Kincardine	Stonehaven ..	9 9 9	12	63·3	48·6	55·9	–	70	4,27,30	38	10	–	–	49	1·91	–	·65	15	13	9	0	0	0	0	0	–	0	6·97	–	41
Angus	Arbroath	9 9 9	93	63·7	48·8	56·3	–1·1	70	4,16,31	41	17	–	–	63	2·47	100	·94	31	10	9	0	0	0	0	0	0	0	7·12	128	42
	Buddon Ness ..	9 9 9	15	63·0	48·4	55·7	–	70	4,16,31	38	17	–	–	64	2·51	–	·93	31	14	11	0	0	0	2	0	–	1	–	–	–
	Dundee .. ¶§	9 9 9	147	67·5	49·6	58·5	–0·1	74	31	42	10	60·8	–	79	3·11	121	·87	6	15	12	0	0	0	2	–	0	0	6·14	115	36
	Kettins	9 9 9	218	66·7	48·7	57·7	–0·2	80	31	39	10	52·4	–	55	2·17	84	·66	31	16	13	0	0	0	1	0	0	1	–	–	–
	Montrose	9 9 9	16	63·0	48·5	55·7	–1·3	70	4,27	38	3	–	–	41	1·61	–	·75	31	12	10	0	0	0	1	0	–	1	7·13	134	42
	,, (Airfield)	18–7 7	22	63·5	49·3	56·4	–	70	4,16,27	39	10,24	–	–	33	1·30	–	·52	31	13	10	0	0	0	1	1	0	0	–	–	–
Perth	Errol	18–7 7	31	66·5	48·7	57·6	–	74	25,31	40	10,22	–	–	65	2·55	–	·75	6	16	9	0	0	0	1	1	0	0	–	–	–
	Longforgan ..	9 9 9	166	65·2	48·6	56·9	–	79	31	40	10	–	59·4	57	2·23	–	·62	6	17	8	0	0	0	2	0	0	0	5·54	–	39
	Perth	9 9 9	76	68·5	50·6	59·5	+0·4	83	31	40	10	–	–	71	2·78	96	1·37	5	13	9	0	0	0	1	0	–	0	5·76	122	40
Fife	Cupar	9 9 9	210	66·0	50·2	58·1	0·0	78	31	41	10	–	–	54	2·14	–	·76	31	11	10	0	0	0	1	–	–	0	–	–	–
	Dunfermline ..	9 9 9	237	65·1	49·9	57·5	–	81	31	42	10	61·8	57·2	53	2·07	–	·43	31	13	10	0	0	0	3	0	0	1	5·04	–	36
	Kirkcaldy ..	9 9 9	137	64·9	49·4	57·1	–2·0	83	31	44	5,6,7	–	–	61	2·38	–	·75	31	12	10	0	0	0	1	–	–	0	4·64	–	27
	Leuchars ..	18–7 7	36	65·5	50·7	58·1	–0·2	76	25,31	44	10,17	–	–	49	1·93	74	·71	6	12	8	0	0	0	2	0	0	0	5·97	126	41
	Lundin Links ..	9 9 9	40	64·2	49·7	56·9	–	79	31	41	10	–	–	49	1·95	–	·71	31	11	10	0	0	0	1	0	–	0	5·75	–	34
	St. Andrews ..	9 9 9	13	64·5	49·4	56·9	–1·2	79	31	42	10	56·5	54·6	52	2·06	75	·79	31	12	8	0	0	0	2	0	0	0	6·59	118	39
Mid Lothian	Balerno	9 9 9	750	63·4	47·7	55·5	–	82	31	40	23	–	–	49	1·92	–	·67	6	14	7	0	0	0	1	0	0	0	6·04	–	36
	Edinburgh—																													
	Blackford H. ¶§	2121 9	441	65·1	50·3	57·7	0·0	83	31	45	18	–	–	63	2·50	89	1·08	6	14	9	0	0	1	2	1	0	0	6·33	119	37
	Botanic Garden	9 9 9	74	65·8	49·9	57·9	–	79	31	41	7	–	–	43	1·70	–	·49	31	10	9	0	0	0	3	0	0		6·54	–	39
	Univ. King's B.	9 9 9	225	65·9	50·7	58·3	–	83	31	41	23	59·9	55·7	69	2·73	–	1·20	6	13	9	–	–	–	–	–	–	–	–	–	–
	Boghall	9 9 9	639	64·4	47·2	55·8	–2·3	84	31	40	18	59·2	55·4	59	2·33	–	·62	31	17	10	0	0	0	2	0	0	0	6·13	114	36
	Liberton ..	9 9 9	190	66·6	50·4	58·5	–	84	31	40	23	–	–	72	2·82	–	1·21	6	12	9	0	0	0	0	–	–	0	–	–	–
E. Lothian	Dunbar	9 9 9	75	64·3	49·1	56·7	–	88	31	43	24	–	–	52	2·05	–	·56	6	14	11	0	0	0	2	0	0	0	6·00	–	35
	N. Berwick ..	9 9 9	118	64·9	49·9	57·4	–1·9	88	31	42	10	–	–	63	2·46	100	1·35	31	13	12	0	0	0	2	0	0	0	6·12	106	36
Berwick	Marchmont ¶§	9 9 9	498	65·1	47·3	56·2	–0·9	85	31	41	10	–	–	50	1·98	65	·65	31	14	9	0	0	0	0	–	–	0	5·31	100	32S
	St. Abb's Head	18–7 7	280	62·1	51·5	56·8	–	74	25	47	24	–	–	30	1·19	–	·27	6	13	8	0	0	0	1	2	–	0	–	–	–
Peebles	Peebles	9 9 9	—	66·5	47·5	57·0	–	84	31	36	23	–	–	56	2·21	–	·52	31	12	10	0	0	0	1	0	0	0	5·91	–	35
	West Linton ..	9 9 9	820	64·7	46·1	55·4	–0·1	83	31	36	23	56·5	54·2	70	2·77	–	·74	12	15	9	0	0	0	1	4	1	0	–	–	–
Roxburgh	Kelso (Br'ml'ds)	9 9 9	193	65·0	48·7	56·9	–1·4	84	31	39	7	–	–	80	3·16	120	1·50	31	12	8	0	0	0	2	0	–	–	–	–	–
	Wolfelee	9 9 9	537	65·0	46·3	55·7	–1·2	85	31	37	18,23	–	–	86	3·38	110	1·25	31	13	10	0	0	1	3	0	–	0	–	–	–

¶§, S *See* Notes on Tables in Annual Summary.

* Station transferred to Alness, March 24th, 1943.

TABLE III (*continued*)—Summary of Observations of Temperature, Rainfall, Sunshine and Weather JULY, 1943

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation Max. Min. Rain	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES FAHRENHEIT: Means of A Max.	Means of B Min.	Mean of A and B	Difference from Average	Absolute Maximum and Minimum: Maximum	Date	Minimum	Date	Earth Temperature 1 ft	4 ft	RAINFALL: Total Fall mm	in	Percentage of Average	Most in a day: Amount	Date	WEATHER Number of days: Precip'n 0·1in (0·2 mm) or more	0·4in (1·0mm) or more	Snow	Snow lying	Hail	Thunderstorm	Fog (Morn'g Obs.)	Ground Frost	Gale	BRIGHT SUNSHINE: Daily Mean	Percentage of Average	Percentage of Possible
		G.M.T.	ft	°F	°F	°F	°F	°F		°F		°F	°F	mm	in	%	in											hr	%	%
6a SCOTLAND, W.																														
Argyll	Ardtornish ..	2121 9	48																											
	Colonsay ..	9 9 9	87	63·4	50·2	56·8	–	74	31	44	17,18	–	–	101	3·96	–	·93	30	19	14	0	0	0	1	–	–	0	–	–	–
	Dunoon (Benmore)	9 9 9	46	67·2	47·6	57·4	–	83	31	40	17	61·1	57·2	132	5·18	–	1·38	12	18	17	0	0	0	1	0	0	0	5·07	–	30S
	Dunoon	9 9 9	132	65·0	50·9	57·9	–	80	31	44	8	–	–	107	4·22	–	1·19	12	15	15	0	0	0	2	2	0	0	6·57	–	39
	Glenbranter ..	9 9 9	120	66·8	47·6	57·2	–0·5	82	31	37	7	–	–	100	3·93	–	1·06	12	17	14	0	0	0	0	0	0	0	–	–	–
	Oban	9 9 9	229	63·8	50·7	57·3	–	80	31	46	6,10	–	–	85	3·33	–	·67	12	17	13	0	0	0	1	0	–	0	5·92	123	35
	Tiree .. ¶§	18–7 7	44	62·1	51·7	56·9	+0·2	70	17	45	10	–	–	76	2·98	82	·56	30	19	14	0	0	0	1	3	0		6·90	134	41
Bute	Rothesay ¶§	2121 9	200	65·2	49·6	57·4	+0·1	78	31	44	7	59·9	55·5	85	3·34	84	1·04	5	14	13	0	0	0	1	0	0	0	–	–	–
Dumbarton	Cardross	9 9 9	130	66·2	49·7	57·9	+0·2	82	31	42	8	–	–	73	2·88	–	·83	12	14	12	0	0	0	0	0	–	–	5·01	105	30S
	Helensburgh ..	9 9 9	293	66·6	49·5	58·1	–0·4	79	31	43	8,10	–	–	86	3·40	92	·78	12	19	14	0	0	0	1	0	–	0	5·76	118	34
Stirling	Balfron	9 9 9	342	66·5	49·1	57·8	–	81	31	40	8	–	–	55	2·18	–	·63	12	15	11	0	0	0	1	0	–	0	–	–	–
	Stirling	9 9 9	151	66·6	51·5	59·1	–0·4	81	31	45	8,10	61·4	56·2	61	2·42	–	·64	5	11	9	0	0	0	1	0	0	0	5·65	120	33S
Renfrew	Greenock ..	9 9 9	199	65·9	52·0	58·9	+0·6	81	31	46	7,8	–	–	69	2·72	74	·86	12	16	10	0	0	2	1	0	0	0	6·64	–	39
	Paisley	2121 9	106	66·9	51·9	59·4	–0·1	83	31	45	8	61·4	56·0	72	2·85	100	1·08	12	13	10	0	0	0	2	0	0	0	6·61	132	39
	Abbotsinch ¶§	18–7 7	19	67·4	50·3	58·9	+0·2	84	31	42	8	–	–	70	2·74	98	·96	12	16	11	0	0	0	2	1	0	0	6·77	141	40
Lanark	Carluke ..	9 9 9	534	65·2	49·3	57·3	–	81	31	43	10,19,23	–	–	67	2·65	–	·73	6	13	11	0	0	0	3	0	0	0	6·06	–	36
	Dungavel ..	9 9 9	798	64·9	46·8	55·9	+0·4	79	31	38	18	–	–	72	2·84	–	·91	11	17	12	0	0	0	2	0	0	0	–	–	–
	Glasgow, Spr.' Pk.	9 9 9	351	68·0	49·9	58·9	–	86	31	43	8	–	–	77	3·02	–	1·02	12	15	12	0	0	1	2	–	0	–	6·37	–	38
Ayr	Auchincruive ..	9 9 9	89	67·5	50·1	58·8	–	83	31	42	8,19	60·2	56·2	49	1·95	–	·50	12	15	11	0	0	0	1	0	0	0	6·78	–	40
	Ayr	9 9 9	43	65·1	50·5	57·8	–	84	31	44	9,19	–	–	49	1·91	–	·56	12	10	10	0	0	0	0	0	0	0	7·34	–	44
	Colmonell ..	9 9 9	170	65·4	48·8	57·1	–1·1	80	31	40	17	–	–	32	1·27	40	·31	5	12	7	0	0	0	1	0	0	0	–	–	–
	Kilmarnock ..	9 9 9	130	67·9	50·2	59·1	+0·4	83	31	42	17	60·9	56·6	68	2·68	–	·72	12	14	12	0	0	1	2	0	0	0	6·93	137	41S
	Prestwick ..	9 9 9	17	65·1	52·0	58·5	–	84	31	44	2	–	–	54	2·12	–	·64	12	12	12	0	0	0	1	0	0	0	7·07	–	42
	Troon	9 9 9	15	63·9	52·1	58·0	–	78	31	45	19	–	–	56	2·20	–	·66	12	14	10	0	0	0	1	0	0	0	7·47	–	44S
	Turnberry ..	9 9 9	30	65·9	51·9	58·9	+0·4	83	31	46	19	–	–	38	1·51	62	·52	5	11	9	0	0	0	0	0	–	0	7·73	139	46
Dumfries	Dumfries.. ¶§	9 9 9	140	66·7	50·4	58·5	–0·2	80	31	43	10,23	59·6	55·9	72	2·84	87	·79	31	11	8	0	0	0	3	0	0	0	6·85	130	41
	Eskdalemuir ¶§	242424	794	64·0	46·4	55·2	–0·3	81	31	36	23	57·2	52·3	92	3·63	89	·63	31	17	13	0	0	1	4	1	1	0	6·37	134	38
		18–7 –	—	64·7	47·3	56·0	–0·4																							
	Ruthwell.. ..	2121 9	67	67·9	49·7	58·8	–0·2	84	31	39	10	–	–	59	2·31	–	·52	5,14	11	8	0	0	1	4	–	–	0	6·94	144	42S
Kirkcudbright	Glenlee	9 9 9	181	67·6	48·4	58·0	–	80	24	40	2,10,17	–	–	70	2·75	–	·58	31	13	11	0	0	0	1	0	0	0	–	–	–
Wigtown	Newton Stewart	9 9 9	75																											
6b ISLE OF MAN																														
Isle of Man	Douglas	9 9 9	284	64·4	52·1	58·3	+0·6	75	31	46	10,16	–	–	66	2·59	85	·83	14	14	13	0	0	0	1	0	0	0	8·15	128	49
	Point of Ayre ..	18–7 7	30	65·9	52·9	59·4	–	78	31	45	10	–	–	36	1·43	–	·43	15	11	8	0	0	0	2	1	–	0	7·17	–	43
2 ENGLAND, N.E.																														
Northum-berland	Berwick-on-T. ..	9 9 9	76	62·2	50·9	56·5	–1·8	72	25,31	41	24	–	–	30	1·19	49	·33	11	13	6	0	0	0	2	0	0	0	6·05	107	36
	Bellingham ..	9 9 9	849	65·2	46·7	55·9	–0·8	80	31	39	10	–	–	53	2·08	63	·34	14	12	11	0	0	0	2	0	–	–	–	–	–
	Cockle Park ¶§	2121 9	325	65·4	48·3	56·9	–0·4	77	31	42	3,24	57·9	55·4	46	1·82	70	·45	7	15	11	0	0	0	0	0	0	0	6·55	125	39
	Ouston	18–7 7	426	65·3	48·5	56·9	–	84	31	40	3	–	–	48	1·90	–	·51	6	11	10	0	0	1	3	0	0	0	–	–	–
	Tynemouth ..	18–7 7	108	62·1	53·1	57·6	–1·7	70	26	48	10	–	–	38	1·50	63	·43	6	12	9	0	0	0	1	0	0	0	5·81	–	35
Durham	Chopwellwood ..	9 9 9	446	67·3	49·5	58·4	+0·6	87	31	40	3	–	–	43	1·70	64	·49	7	15	9	0	0	0	4	0	0	–	5·52	102	33
	Durham .. ¶§	2121 9	336	67·5	48·2	57·9	–0·4	87	31	40	24	–	–	39	1·55	58	·38	6	11	9	0	0	0	2	0	0	–	5·88	114	35
	Houghall.. ..	9 9 9	160	67·3	48·1	57·7	–2·2	83	31	38	3,24	–	–	39	1·55	–	·46	6	12	10	0	0	0	2	0	0	–	5·59	100	34
	Ushaw College ..	9 9 9	594	66·1	50·0	58·1	+0·2	86	31	45	10	–	–	34	1·35	48	·31	6	12	8	0	0	0	2	0	–	–	–	–	–
Yorks., N. Riding	Ampleforth ..	9 9 9	313	68·5	50·5	59·5	+0·4	85	31	43	3	–	–	24	·96	–	·23	8	11	9	0	0	1	1	0	0	–	6·83	–	41
	Castleton ..	9 9 9	450	67·1	48·3	57·7	–	84	31	35	24	57·9	–	31	1·21	–	·38	6	10	8	0	0	0	2	0	–	–	–	–	–
	*Catterick.. ..	18–7 7	175	67·8	50·3	59·1	–	88	31	41	24	–	–	23	·89	–	·22	7	11	7	0	0	0	2	1	0	0	6·01	–	36
	Linton-on-Ouse ..	18–7 7	46	71·3	50·6	60·9	–	89	31	42	3	–	–	23	·89	–	·16	6	10	9	0	0	1	3	0	0	0	–	–	–
	Redcar	9 9 9	25	65·5	52·4	58·9	–	86	31	42	24	–	–	22	·86	–	·51	6	11	6	–	–	–	–	2	–	–	5·70	–	34
	Scarborough †¶§	9 9 9	118	65·4	53·7	59·5	–0·2	77	26	48	10	–	58·5	26	1·04	43	·45	6	10	8	0	0	0	2	1	0	–	6·12	112	37
	Thornaby ..	18–7 7	60	67·4	51·0	59·2	–	88	31	42	24	–	–	35	1·38	–	·64	6	10	7	0	0	0	3	1	0	0	–	–	–
	Whitby	9 9 9	130	65·0	51·6	58·3	–	83	31	42	24	–	–	38	1·50	–	·93	6	13	8	0	–	0	2	0	0	–	5·95	120	36
	York .. ¶§	9 9 9	57	70·8	51·9	61·3	+0·4	88	31	45	2,3	58·6	54·5	24	·94	37	·23	15	10	8	0	0	0	3	–	–	–	6·93	132	42
Yorks., E. Riding	Bridlington ..	2121 9	76	67·6	50·5	59·1	+0·4	79	26	38	24	–	–	21	·81	–	·19	31	11	9	0	0	0	1	0	–	–	5·93	98	36
	Driffield ..	18–7 7	65	68·5	50·7	59·6	–	83	31	41	24	–	–	25	·97	–	·37	12	10	6	0	0	0	4	1	0	0	–	–	–
	Hull	2121 9	8	69·6	53·0	61·3	+0·6	81	26,28	45	24	62·4	56·7	31	1·20	51	·39	11	10	8	0	0	0	3	0	0	–	6·40	101	39
	Spurn Head ..	18–7 7	29	64·5	54·9	59·7	–1·3	73	27,29	51	24	–	–	23	·89	43	·37	8	10	6	0	0	0	3	0	–	0	6·43	100	39
Lincoln	Boston—																													
	(Freiston Road)	2121 9	16	70·1	52·2	61·1	–	88	31	42	24	–	–	31	1·20	–	·47	8	9	6	0	0	0	3	0	0	–	–	–	–
	(North Sea Camp)	18–7 7	10	(69·9)	51·5	(60·7)	–	(88)	(31)	41	8	–	–	43	1·70	–	·74	8	9	7	0	0	0	4	0	–	–	6·81	–	42
	Cranwell .. ¶§	18–7 7	203	70·7	51·3	61·0	–0·8	89	31	42	24	61·8	58·2	36	1·40	60	·60	7	10	9	0	0	1	3	1	0	0	6·89	104	42
	Cleethorpes ..	9 9 9	23	67·2	53·3	60·3	–1·2	79	26	45	24	–	–	29	1·15	–	·53	8	11	5	0	0	0	4	0	–	–	6·72	101	41
	Skegness ..	9 9 9	15	66·3	53·2	59·7	0·0	78	28,29	44	8	–	–	17	·65	30	·20	10	8	6	0	0	0	4	0	–	–	6·35	99	39

† At Scarborough the earth thermometer is at a depth of 3 ft.

¶§. S *See* Notes on Tables in Annual Summary.

* At Scorton from March 9th.

TABLE III (*continued*)—Summary of Observations of Temperature, Rainfall, Sunshine and Weather JULY, 1943

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation		Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES FAHRENHEIT								EARTH TEMPERATURE		RAINFALL					WEATHER Number of days									BRIGHT SUNSHINE		
					Means of		Mean of A and B	Difference from Average	Absolute Maximum and Minimum						Total Fall		Percentage of Average	Most in a day		Precip'n		Snow	Snow lying	Hail	Thunderstorm	Fog (Morn'g Obs.)	Ground Frost	Gale	Daily Mean	Percentage	
		Max.	Min.	Rain	A Max.	B Min.			Maximum	Date	Minimum	Date	1 ft	4 ft				Amount	Date	·01 in (0·2 mm or more	·04 in (1·0 mm or more								of Average	of Possible
		G.M.T.			°F	°F	°F	°F	°F		°F		°F	°F	mm	in	%	in											hr	%	%
3 ENGLAND, E.																															
Norfolk	Cromer	9	9	9	178	69·3	53·6	61·5	+1·0	83	31	48	24	–	–	22	·85	39	·30	6	10	6	0	0	1	3	0	0	0	6·01	96	37
	Hunstanton	9	9	9	100					86	31					42	1·66	–	·58	8	9	8	0	0	0	3	0	–	–	6·64	96	41
	Norwich	9	9	9	110	72·5	52·7	62·6	+0·7	88	28	44	24	61·4	–	23	·89	–	·14	7,31	11	7	0	0	0	1	–	0	–	7·30	111	45
	Sprowston	9	9	9	93	72·6	51·9	62·3	+0·5	88	28	39	24	–	–	19	·73	–	·13	5	10	7	0	0	0	2	–	0	–	6·69	96	41
	Terrington	9	9	9	13	70·7	50·9	60·8	–	89	31	39	24,25	–	–	21	·81	–	·17	10	7	7	0	0	0	1	0	1	–	6·99	–	43
	Yarmouth ¶§	18–7	7		5	65·9	55·2	60·5	–1·2	75	15,27	48	9,10,24	62·0	57·2	13	·52	22	·16	6	8	4	0	0	1	2	0	0	0	7·27	107	45
Suffolk	Bungay (Flix'n)	9	9	9	79	73·0	53·2	63·1	+0·5	88	28	46	9,17,24	–	–	19	·74	–	·20	6,8	5	5	0	0	1	3	0	0	–	–	–	–
	Felixstowe Airfield	18–7	7		10	70·2	55·6	62·9	+0·4	81	29	49	9,24	–	–	28	1·11	57	·25	31	9	7	0	0	1	4	0	0	0	7·94	111	49
	Ipswich, Belstead	9	9	9	125	72·5	52·5	62·5	–	85	27,28,29	45	8,9,24	62·2	59·3	18	·72	–	·25	31	8	6	0	0	0	4	0	0	0	7·32	–	45
	Lowestoft	9	9	9	82	70·0	53·3	61·7	+1·2	82	27,28	44	24	63·6	59·5	14	·56	25	·16	31	6	5	0	0	0	1	0	0	0	6·90	97	43
	Mildenhall	18–7	7		15	72·6	52·6	62·6	–	88	31	42	24	–	–	31	1·22	–	·36	6	10	7	0	0	0	3	0	0	0	7·64	–	47
	Santon Downham	9	9	9		72·4	49·1	60·7	–	85	30,31	38	24,25	60·4	55·0	33	1·32	–	·56	31	10	7	0	0	0	3	0	0	–	7·53	–	46
	Stradishall	18–7	7		382	71·2	52·2	61·7	–	84	31	45	9,10	–	–	20	·78	–	·18	31	11	6	0	0	1	3	1	0	0	–	–	–
Cambridge	Cambridge Gdns ¶§	21	21	9	41	72·2	52·3	62·3	+0·6	89	31	43	9,24	62·9	58·9	16	·63	29	·12	8	11	7	0	0	0	3	0	0	0	6·51	105	40
Bedford	Dunstable	18–7	7		516	70·1	51·4	60·7	–	88	31	43	9,10	61·5	55·6	28	1·10	–	·37	31	11	7	0	0	0	3	1	0	0	6·56	–	41
	Luton	9	9	9	381	71·5	52·5	62·0	+0·3	88	31	40	24	60·5	56·2	31	1·21	–	·47	31	9	6	–	–	–	–	0	0	–	6·12	93	38
	Woburn	9	9	9	291	71·4	51·5	61·5	+1·0	88	31	39	24	65·2	56·5	17	·65	29	·13	10	10	5	0	0	0	3	0	0	–	6·64	114	41
Hertford	Rothamsted ¶§	9	9	9	420	70·5	51·7	61·1	+0·6	87	31	41	24	61·4	–	38	1·51	67	·46	20	10	7	0	0	0	3	0	0	–	6·21	99	39
	St. Albans	9	9	9	272	71·5	51·0	61·3	–0·6	89	31	41	24	62·6	–	35	1·39	66	·47	20	9	8	–	–	1	2	0	0	–	–	–	–
Essex	Dovercourt	9	9	9	47	70·5	55·4	62·9	–0·1	82	28	47	9	–	–	35	1·36	–	·71	31	8	5	0	–	0	3	0	0	–	7·70	–	48
	Earls Colne	9	9	9	160	73·0	52·6	62·8	–0·3	85	31	44	8,9,24	63·9	59·2	45	1·79	–	·69	31	9	8	0	0	0	4	–	0	–	–	–	–
	Halstead	9	9	9	140	73·2	51·9	62·5	+0·4	86	27,31	42	8	–	–	40	1·57	–	·64	31	10	7	0	0	0	4	0	–	–	–	–	–
	Maldon	9	9	9	14	72·4	53·3	62·9	–	85	28	43	9	–	–	26	1·03	–	·37	20	8	7	0	–	1	4	0	–	–	7·45	–	46
	Shoeburyness	18–7	7		11	70·0	55·7	62·9	–0·2	83	28	47	9	–	–	46	1·81	99	·65	21	9	8	0	0	1	3	0	0	0	7·13	98	44
	Walton-on-Naze	9	9	9	35	(69·9)	54·6	(62·3)	(+0·4)	(80)	(27,28)	46	8,9	–	–														–	7·35	104	46
	Writtle	9	9	9	105	72·4	51·6	62·0	–	85	29,31	42	8	–	–	42	1·64	–	·48	31	9	7	0	0	0	4	–	0	–	–	–	–
4 MIDLAND COUNTIES																															
Yorks., W. Riding	Askham Bryan	9	9	9	90	71·4	49·1	60·3	–	88	31	42	3,6,10	–	–	27	1·07	–	·30	15	8	7	0	0	0	4	0	0	–	6·00	–	36
	Bingley	9	9	9	610	68·0	49·4	58·7	–	86	31	43	2,8	–	–	60	2·37	–	·37	12	11	11	0	0	0	0	1	0	–	–	–	–
	Bradford	9	9	9	439	67·9	51·2	59·5	+0·3	87	31	45	8,10	58·7	55·1	41	1·61	57	·29	10	12	9	0	0	–	–	2	0	–	6·56	120	40
	Doncaster	9	9	9	25	–		–	–	–	–	–	–	–	–	16	·65	–	·18	10	9	6	0	0	0	4	0	–	–	6·97	–	43
	Finningley	18–7	7		39	72·2	51·1	61·7	–	92	31	42	24	–	–	23	·89	–	·20	15	9	6	0	0	0	4	1	–	–	–	–	–
	Harrogate ¶§	9	9	9	478	68·4	50·5	59·5	+2·0	87	31	45	2,10,24	58·8	57·0	35	1·39	51	·31	12	12	8	0	0	1	5	0	0	0	6·33	115	38
	Huddersfield	21	21	9	325	69·5	49·9	59·7	–0·2	89	31	43	24	60·6	57·1	41	1·63	65	·51	6	10	9	0	0	0	–	1	0	–	6·61	129	40
	,, (Oakes)	9	9	9	761	67·6	50·0	58·8	–1·1	86	31	41	24	60·8	55·8	59	2·32	81	·53	10	13	10	0	0	0	2	4	1	0	0	–	–	–
	Ilkley	9	9	9	315	69·9	49·4	59·7	–0·9	89	31	42	3,10	–	–	43	1·69	–	·37	12	10	10	0	0	0	2	0	0	–	6·95	126	42
	Meltham	9	9	9	585	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Pontefract	9	9	9	255	69·1	51·6	60·3	–1·0	87	31	44	24	–	–	29	1·14	48	·31	6	11	7	–	–	–	–	0	0	–	6·80	–	41
	Rotherham	7	7	7	284	70·8	50·5	60·7	–	91	31	43	8	60·5	–	24	·96	–	·28	11	8	4	0	0	0	1	1	0	–	6·75	–	41
	Sheffield	9	9	9	428	69·7	52·9	61·3	+0·8	89	31	48	8,10,24	59·2	56·1	33	1·28	51	·39	31	11	4	0	0	0	1	–	0	0	6·82	125	42
	Wakefield	9	9	9	124	72·5	50·7	61·6	+0·8	90	31	43	24	60·5	55·8	34	1·33	53	·40	6	13	8	0	0	1	4	0	0	–	6·65	124	41
Derby	Belper (School)	9	9	9	198	71·2	51·3	61·3	+0·4	90	31	41	10	–	–	32	1·26	47	·42	31	8	6	0	0	1	1	–	–	–	–	–	–
	Buxton	9	9	9	1007	65·9	49·6	57·7	+0·6	86	31	42	17	58·9	55·1	46	1·81	46	·48	10	11	10	0	0	0	1	0	0	–	6·77	128	42S
Nottingham	Mansfield	9	9	9	357	70·8	51·2	61·0	–0·7	90	31	45	2,8,24	–	–	20	·79	30	·18	10	7	6	0	0	1	3	0	–	–	–	–	–
	Nottingham ¶§	9	9	9	192	71·6	53·5	62·5	+1·4	90	31	44	8	61·3	59·0	16	·64	27	·21	10	7	5	–	–	–	0	0	–	6·68	127	41
	Sutton Bonington	9	9	9	157	71·3	51·3	61·3	–0·8	90	31	42	8	62·9	–	21	·81	37	·29	8	9	5	0	0	0	0	–	0	–	6·99	116	43
Leicester	Leicester	9	9	9	325	72·5	51·1	61·8	–	90	31	43	17	59·6	–	24	·93	–	·30	11	6	6	0	0	1	1	0	0	–	6·56	–	40
Northampton	Oundle	9	9	9	147	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Peterborough	9	9	9	46	72·6	53·5	63·1	–	92	31	47	8,9	–	–	21	·81	–	·22	7	8	7	0	–	0	2	–	–	–	–	–	–
	Raunds	9	9	9	193	72·5	51·3	61·9	–	89	31	40	24	62·6	56·7	19	·75	–	·29	31	8	5	0	0	1	3	0	0	0	–	–	–
Warwick	Birmingham ¶§	18–7	7		535	70·3	53·5	61·9	+0·2	90	31	47	8,10	56·9	53·5	28	1·12	48	·25	15	10	7	0	0	0	2	1	0	0	6·50	118	40
	,, Sparkhill	7	7	7	425	73·6	51·8	62·7	+1·6	91	31	44	10	–	–	21	·83	34	·25	11	9	6	0	0	0	2	1	1	–	–	–	–
	Coventry	9	9	9	241	72·5	51·3	61·9	–	91	31	42	10	64·0	61·3	21	·84	36	·23	15	9	6	0	0	1	1	0	–	–	6·16	110	38
	Honiley	18–7	7		427	70·7	52·2	61·5	–	90	31	45	10	–	–	31	1·20	–	·51	15	7	6	0	0	0	2	2	0	0	–	–	–	–
	Leamington Spa	9	9	9	163	72·4	52·7	62·5	+1·2	91	31	45	10	66·0	59·6	21	·83	–	·23	11,15	6	6	0	0	0	2	2	0	0	–	–	–	–
	Rugby	21	21	9	390	72·8	51·4	62·1	+1·4	92	31	41	10	–	–	17	·66	27	·19	10	7	6	0	–	0	3	–	–	–	6·51	116	40
	Shipston on Stour	9	9	9	364	71·6	52·1	61·9	–	90	31	44	16	–	–	18	·70	–	·17	11	12	6	0	0	0	2	0	–	–	6·50	–	40
	Stratford on Avon	9	9	9	153	73·1	50·4	61·7	–	92	31	41	6,16	–	–	23	·91	–	·19	12	9	6	0	0	0	1	0	0	–	6·97	–	43
Oxford	Oxford ¶§	9	9	9	208	73·4	53·3	63·3	+1·4	92	31	42	24	64·2	60·0	25	·98	41	·51	20	10	5	0	0	0	3	0	0	0	6·35	104	39
	Upper Heyford	18–7	7		408	71·7	52·6	62·1	–	91	31	45	24	–	–	13	·52	–	·19	10	9	5	0	0	0	2	2	0	0	–	–	–	–
Stafford	Market Drayton	9	9	9	581	69·4	49·2	59·3	–	87	31	41	10	–	–	60	2·35	–	·64	6	11	9	0	0	1	2	1	0	–	6·98	–	43
	Mayfield	9	9	9	374	69·8	49·6	59·7	+0·6	88	31	41	10	–	–	36	1·42	50	·44	15	10	6	0	0	1	2	–	0	0	7·15	134	44
	Oaken	6	6	6	409	71·1	50·2	60·7	–	89	31	43	23	61·1	–	43	1·68	–	·58	7	10	8	0	0	0	1	1	0	–	–	–	–
	Walsall	9	9	9	455	71·1	51·6	61·3	–	90	31	43	10	–	–	25	1·00	–	·26	6	11	7	0	0	0	1	3	0	0	–	–	–	–
Shropshire	Newport	9	9	9	211	70·3	49·4	59·9	–	88	31	37	25	–	–	59	2·33	103	1·11	7	14	9	0	0	1	2	0	0	–	6·80	–	42
	Oswestry	9	9	9	570	68·2	51·6	59·9	–	84	31	46	8	–	–	59	2·31	–	·54	31	13	9	0	0	0	2	0	0	0	7·07	–	43
	Shrewsbury	9	9	9	184	71·4	52·3	61·9	+1·2	89	31	45	8	62·5	59·8	45	1·79	–	·88	7	11	7	0	0	0	2	0	0	0	6·54	–	40
	Tern Hill	18–7	7		270	70·1	52·4	61·3	–	90	31	46	8,10	–	–	70	2·75	–	1·41	7	9	8	0	0	1	3	2	0	0	–	–	–

¶§, S *See* Notes on Tables in Annual Summary.

TABLE III (*continued*)—Summary of Observations of Temperature, Rainfall, Sunshine and Weather JULY, 1943

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation Max. Min. Rain	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES FAHRENHEIT: Means of A Max.	Means of B Min.	Mean of A and B	Difference from Average	Absolute Maximum and Minimum: Maximum	Date	Minimum	Date	Earth Temperature 1 ft	4 ft	RAINFALL: Total Fall mm	Total Fall in	Percentage of Average	Most in a day: Amount	Date	WEATHER Number of days: Precip'n 0·01in (0·2mm) or more	Precip'n 0·04in (1·0mm) or more	Snow	Snow lying	Hail	Thunderstorm	Fog (Morn'g Obs.)	Ground Frost *	Gale	BRIGHT SUNSHINE: Daily Mean	Percentage of Average	Percentage of Possible
		G.M.T.	ft	°F	°F	°F	°F	°F		°F		°F	°F	mm	in	%	in											hr	%	%
4 MID COUNTIES—*cont.*																														
Worcester	Droitwich ..	9 9 9	106	72·7	50·3	61·5	–	92	31	42	10	–	–	22	·87	–	·24	11	10	4	0	0	0	1	0	–	–	6·90	–	43
	Malvern	9 9 9	380	71·2	53·7	62·5	+1·0	91	31	47	8	62·7	59·5	29	1·14	50	·33	11	10	6	0	0	0	1	0	0	–	6·52	104	34
	Prestwood ..	9 9 9	260	73.0	51·6	62·3	–	91	31	42	8	–	–	28	1·12	–	·39	15	12	7	0	0	0	2	1	0	–	–	–	–
	Worcester, P'well	9 9 9	94	74·2	51·1	62·7	+0·4	93	31	43	6,8,10	–	–	25	·99	–	·36	11	9	4	0	0	0	1	–	0	–	6·66	–	41
Hereford	Hereford ..	9 9 9	292	72·4	51·3	61·9	+1·2	91	31	40	8	–	–	36	1·40	63	·39	31	9	8	–	–	–	–	0	0	–	–	–	–
	Ross-on-Wye ¶§	18–7 7	223	71·5	52·9	62·2	+0·1	89	31	45	8	62·8	59·1	33	1·31	58	·48	15	9	6	0	0	0	1	2	0	0	6·11	99	38
Gloucester	Cheltenham ..	2121 9	214	73·4	53·2	63·3	+1·4	91	31	45	10	64·8	62·6	16	·62	26	·18	15	7	6	0	0	0	1	0	0	0	6·41	107	40
	Frampton Cotterell	9 9 9	158	73·1	52·9	63·0	–	90	31	45	2	62·4	58·9	47	1·87	–	·53	20	14	9	0	0	0	2	–	0	–	–	–	–
	Parkend	9 9 9	325	70·6	51·1	60·9	–	88	31	41	8	60·9	57·3	34	1·35	–	·41	11	11	9	0	0	0	1	0	0	0	–	–	–
	Stonehouse ..	9 9 9	150	73·7	52·3	63·0	–	91	31	45	8,10	–	–	33	1·31	–	·29	31	12	9	0	0	0	2	0	0	–	–	–	–
5 ENGLAND, S.E.																														
London	City, Bunhill Row	—	—																									6·15	105	38
	Camden Square ..	9 9 9	110	73·7	55·9	64·8	+0·5	92	31	49	9	63·4	58·8	53	2·08	87	·67	6	10	9	–	–	0	3	–	0	–	–	–	–
	East Ham ..	9 9 9	15	73·3	55·9	64·6	+1·7	89	31	49	8	–	–	51	1·99	94	·85	31	9	8	–	–	–	–	–	–	–	–	–	–
	Enfield	9 9 9	87	72·1	53·7	62·9	–0·2	89	31	47	9	–	(59·0)	40	1·58	70	·41	31	9	8	0	0	0	(3)	1	0	–	6·11	101	38
	Greenwich ..	2424 9	149	73·3	54·7	64·0	+1·3	89	31	47	9	60·4	57·5	53	2·10	94	·85	31	9	9	0	0	0	5	0	0	0	6·51	103	40
		21 9 –	—	73·3	54·8	64·1																								
	Hampstead ..	9 9 9	450	71·2	52·5	61·9	+0·2	87	31	45	9	–	–	44	1·73	–	·46	20	10	8	0	–	0	4	–	0	0	6·26	98	39S
	Kensington ..	18–9 9	80	73·6	56·0	64·8	+0·1	91	31	48	9	63·5	59·4	46	1·80	77	·52	6	10	8	0	0	0	0	–	0	0	–	–	–
	Kingsway ..	—	—																									6·30	–	39
	Regent's Park ..	9 9 9	129	72·8	55·9	64·3	–	89	31	49	9	–	–	44	1·75	–	·47	20	10	9	0	0	0	4	0	0	–	6·16	100	38
	Kew ¶§	242424	18	71·8	56·1	63·9	+0·9	91	31	49	9	64·0	59·0	37	1·44	67	·51	21	11	8	0	0	0	4	0	0	0	5·76	92	36
	Observatory ..	18–7 –	—	71·6	55·9	63·7	–0·8																							
	Southgate ..	9 9 9	221	72·4	54·0	63·2	–	89	31	47	9	61·9	–	43	1·68	–	·43	20	11	9	0	0	1	3	0	0	0	6·35	–	39
	Tottenham ††¶§	2121 9	54	74·3	55·9	65·1	+1·4	91	31	45	9	–	60·5	38	1·51	67	·39	31	9	9	–	–	0	3	–	0	–	6·46	103	40
	Wealdstone ..	9 9 9	204	73·2	53·1	63·1	–	91	31	44	9	–	–	40	1·56	73	·52	20	10	7	0	0	0	3	0	0	0	6·93	–	43
	Westminster ..	9 9 9	27	72·9	56·7	64·8	+1·1	90	31	49	9	–	–	39	1·55	71	·52	20	10	7	0	–	0	–	–	0	–	6·13	101	3
Surrey	Addington ..	9 9 9	473	71·1	53·3	62·2	+1·1	90	31	46	9	–	–	42	1·65	–	·48	31	9	7	–	–	–	–	0	–	–	–	–	–
	Croydon	18–7 7	217	72·6	55·0	63·8	+0·5	93	31	48	9	–	–	39	1·52	65	·33	20	12	8	0	0	0	2	1	0	0	6·45	91	40
	Farnham ..	9 9 9	260	72·4	52·0	62·2	–	90	31	43	10	–	–	44	1·73	–	·44	21	9	8	0	0	0	1	0	0	–	–	–	–
	Milford	9 9 9	180	72·5	51·0	61·7	–	91	31	39	9	–	–	43	1·69	–	·49	20	10	8	0	0	0	3	0	0	–	6·59	–	41
	Wisley	9 9 9	150	73·0	53·2	63·1	+0·9	91	31	44	9	63·5	58·8	63	2·50	76	1·15	31	11	10	0	0	1	2	0	0	1	6·46	100	40
Kent	Bromley	9 9 9	213	73·6	54·5	64·1	–	92	31	45	9	–	–	44	1·72	80	·64	31	9	6	0	0	0	1	0	0	–	–	–	–
	Canterbury ..	9 9 9	135	72·0	54·4	63·2	+0·5	86	31	44	8	62·7	59·6	58	2·29	–	1·36	21	10	10	–	–	–	–	–	1	–	–	–	–
	Deal	9 9 9	18	69·2	55·6	62·4	–0·9	82	27	45	8	61·6	57·9	34	1·33	–	·44	31	11	8	0	0	0	3	0	0	–	6·18	81	39
	Dover	5 5 5	200	68·1	52·0	60·1	–1·0	81	31	40	8, 9	–	–	52	2·03	96	·46	3,31	7	7	0	0	0	3	–	–	–	–	–	–
	Dungeness ..	18–7 7	20	67·0	(55·8)	61·4	–0·2	75	31	44	8	–	–	37	1·46	81	·36	31	10	9	0	0	0	1	0	–	0	–	–	–
	East Malling ..	9 9 9	132	71·5	52·4	61·9	–0·3	90	31	42	9	–	–	36	1·40	–	·44	21	8	7	0	0	0	2	0	0	0	6·34	90	40
	Goudhurst ..	9 9 9	290	70·7	51·2	60·9	–	87	31	39	8	–	–	44	1·73	–	·45	21	14	10	0	0	0	4	0	2	–	–	–	–
	Lympne	18–7 7	283	68·1	53·4	60·7	–0·6	87	31	44	9	–	–	53	2·10	98	·49	31	10	9	0	0	1	3	0	0	0	7·46	97	47
	Manston	18–7 7	154	69·0	55·6	62·3	–	82	31	46	8	–	–	46	1·81	–	·97	21	10	7	0	0	0	3	0	0	0	6·93	–	43
	Ramsgate ..	9 9 9	80	(68·2)	(56·6)	(62·4)	+0·9	–	–	–	–	–	–	47	1·85	–	1·29	21	8	5	0	0	0	2	0	–	–	6·40	89	40
	Tunbridge W. ..	9 9 9	351	71·8	51·9	61·9	+0·8	92	31	41	9	64·3	61·5	57	2·24	–	·82	21	12	10	0	0	0	3	0	0	0	7·08	104	44
	Whitstable ..	9 9 9	9	70·1	55·8	62·9	–	85	31	46	25	–	–	56	2·21	–	·53	6	9	6	0	0	0	4	0	–	–	6·69	–	42
	Wye	9 9 9	164	70·8	52·4	61·6	–0·7	90	31	42	8	–	–	46	1·80	–	·64	21	10	9	0	0	0	2	–	0	–	6·98	97	44
	Margate ..	9 9 9	51	68·5	56·8	62·7	+0·4	81	28	48	8	64·7	60·7	43	1·70	86	·68	21	8	7	0	0	0	2	0	0	0	6·88	94	44
Sussex	Beachy Head ..	18–7 7	502	64·7	54·3	59·5	–0·5	78	31	45	8	–	–	48	1·89	–	·43	31	13	11	0	0	0	1	6	–	–	–	–	–
	Bexhill	9 9 9	12	66·8	55·5	61·1	–1·2	83	31	48	8,9	64·4	–	33	1·30	–	·31	21	10	6	0	0	1	3	0	0	–	–	–	–
	Bodiam	9 9 9	71	69·9	51·7	60·8	–	88	31	42	8,9	–	–	58	2·28	–	·34	20	12	11	0	0	0	(1)	1	0	–	6·24	–	39
	Bognor	9 9 9	24	67·3	55·2	61·3	0·0	78	31	49	8,9	–	–	59	2·32	–	·51	20	11	9	0	0	0	3	0	–	–	6·19	85	39
	Hastings ¶§	2121 9	149	68·1	55·0	61·5	+0·4	86	31	47	9	65·8	61·0	41	1·61	72	·36	21	12	6	0	0	0	2	0	0	0			
	Horsham	9 9 9	350	73·0	50·7	61·9	–	91	31	39	9	60·2	–	47	1·87	–	·38	21	12	7	0	0	1	4	1	0	–	–	–	–
	Littlehampton ..	9 9 9	15	68·4	55·0	61·7	+0·5	82	31	45	9	–	61·3	73	2·88	–	·68	31	12	11	0	0	0	3	0	–	–	6·42	86	40
	Patcham ..	9 9 9	200	70·2	52·9	61·5	–	89	31	43	14	61·8	–	66	2·60	–	·59	20	15	12	0	0	1	3	–	0	0	–	–	–
	Seaford	9 9 9	45	67·7	54·5	61·1	–	87	31	45	8,9	–	–	49	1·95	–	·81	31	11	7	0	0	1	2	5	–	–	–	–	–
	Thorney Is. ..	18–7 7	10	70·5	54·1	62·3	–	84	31	47	10	–	–	50	1·97	–	·59	18	9	8	0	0	0	4	0	0	0	–	–	–
	Worthing ..	9 9 9	25	68·3	55·9	62·1	+0·6	80	31	48	9	63·2	60·3	67	2·63	129	·76	20	13	8	0	0	0	4	0	0	–	6·93	92	44
Berkshire	Reading .. †	9 9 9	152	73·3	53·9	63·6	+1·5	91	31	46	24	64·3	59·7	39	1·52	–	·54	20	10	8	0	0	0	2	–	0	–	6·76	–	42
	Shinfield ..	9 9 9	200	73·1	52·5	62·8	+0·1	91	31	45	9,10	–	–	47	1·86	–	·62	20	10	9	0	0	0	2	–	0	–	–	–	–
Hampshire	Bournemouth ..	9 9 9	139	70·8	55·2	63·0	+1·3	83	31	49	7	62·5	60·5	56	2·20	103	·79	20	12	9	0	0	0	1	0	–	–	6·51	92	41
	Bramley	9 9 9	196	73·3	51·9	62·6	–	90	31	43	24	64·1	60·4	39	1·55	–	·71	20	8	8	0	0	0	3	0	0	–	–	–	–
	Leckford ..	9 9 9	385	71·4	52·8	62·1	–	88	31	46	7	62·2	–	64	2·53	–	1·27	20	11	9	0	0	0	0	0	–	–	6·09	–	38
	Long Sutton ..	9 9 9	479	72·6	51·6	62·1	0·0	90	31	42	14	–	–	41	1·60	–	·50	20	11	8	0	0	0	3	0	0	–	6·67	93	42
	Portsmouth ..	9 9 9	15	70·5	56·6	63·5	+0·6	81	31	52	8,9,14	64·2	61·0	70	2·77	136	1·13	18	12	8	0	0	1	2	0	0	–	6·65	91	42
	Southampton ¶§	2121 9	64	71·7	54·6	63·1	+0·6	81	31	48	7	–	–	54	2·11	93	·57	20	13	10	0	0	1	4	0	0	0	6·69	98	42
	S. Farnboro' ..	18–7 7	226	72·5	53·7	63·1	+0·2	92	31	45	9	–	–	42	1·66	81	·35	21	13	11	0	0	1	4	1	0	0	6·85	103	43
I. of Wight	*Newport	9 9 9	48	69·7	–	–	–	79	31	47	9,10	61·8	57·6	65	2·55	–	·62	20	15	10	0	0	0	4	–	(0)	–	6·38	–	40
	Ryde	9 9 9	13	69·2	55·8	62·5	–0·1	76	29	52	8,10,14	–	–	58	2·29	–	·75	18	10	10	0	0	0	4	0	–	0	6·70	91	42
	St. Catherine's Pt.	18–7 7	150	66·0	56·2	61·1	–	74	31	51	8	–	–	80	3·15	–	·76	18	14	11	0	0	0	2	1	–	0	–	–	–
	Sandown ..	9 9 9	13	67·9	56·0	61·9	–0·4	74	29	50	9	–	–	94	3·71	–	1·03	18	13	9	0	0	0	3	0	–	–	6·64	87	42
	Totland Bay ..	9 9 9	140	67·8	56·0	61·9	+0·8	81	31	51	24	–	–	77	3·04	158	·81	20	12	9	0	0	0	0	0	0	0	6·70	92	42
	Ventnor(Hospital)	9 9 9	60	67·2	56·9	62·1	+0·2	76	31	52	8,9	–	–	79	3·11	154	·81	20	13	11	0	0	0	5	–	–	0	6·49	90	41
Wiltshire	Amesbury ..	18–7 7	417	71·3	52·2	61·7	–	88	31	45	6,7	–	–	62	2·45	–	1·39	20	11	9	0	0	0	0	1	0	0	6·53	–	41
	Larkhill	9 9 9	440	70·9	52·8	61·9	+0·6	88	31	47	7,14	–	–	43	1·69	87	·86	20	12	8	0	0	0	0	0	0	0	–	–	–
	Marlboro' ¶§	9 9 9	424	72·8	49·9	61·3	+1·6	91	31	43	6	61·4	57·3	42	1·67	69	·91	20	10	7	0	0	0	0	1	0	0	6·25	103	39
	Porton	9 9 9	363	71·3	52·2	61·7	+0·6	87	31	45	7,8,14	62·6	–	62	2·45	124	1·33	20	12	9	0	0	0	0	0	0	0	6·43	93	40

¶§, § *See* Notes on Tables in Annual Summary. †† Tottenham is used as a "district value" station for England, E., and not for England, S.E. † Sunshine recorder is at Seed Trial Grounds.

* Sunshine recorder and earth thermometers at Staplers.

TABLE III (*continued*)—Summary of Observations of Temperature, Rainfall, Sunshine and Weather JULY, 1943

DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation Max. Min. Rain	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES FAHRENHEIT: Means of A Max.	Means of B Min.	Mean of A and B	Difference from Average	Absolute Maximum and Minimum: Maximum	Date	Minimum	Date	Earth Temperature 1 ft	4 ft	RAINFALL: Total Fall mm	Total Fall in	Percentage of Average	Most in a day: Amount	Date	WEATHER Number of days: Precip'n 0·01in (0·2 mm) or more	Precip'n 0·04in (1·0 mm) or more	Snow	Snow lying	Hail	Thunderstorm	Fog (Morn'g Obs.)	Ground Frost	Gale	BRIGHT SUNSHINE: Daily Mean	Percentage of Average	Percentage of Possible
	G.M.T.	ft	°F	°F	°F	°F	°F		°F		°F	°F	mm	in	%	in												hr	%	%
7a ENGLAND, N.W.																														
Cumberland Keswick	9 9 9	254	67·2	51·1	59·1	0·0	82	31	44	8,10,11	61·3	55·8	89	3·51	91	·97	14	15	11	0	0	3	2	0	0	0	6·84	139	41
Newton Rigg ¶§	2121 9	560	67·7	48·2	57·9	−0·2	83	31	40	23	–	–	66	2·60	84	·71	6	12	10	0	0	0	0	1	0	0	7·24	131	44
Westmorland Ambleside ..	9 9 9	145	69·4	49·5	59·5	–	85	31	41	10,18	–	–	143	5·62	–	1·80	14	13	12	0	0	0	1	0	–	–	7·25	–	44
Appleby	9 9 9	440	67·9	48·4	58·1	0·0	86	31	39	23	–	–	57	2·24	71	·59	14	12	9	0	0	0	1	–	–	–	–	–	–
Lancashire Blackpool ..	9 9 9	65	67·9	52·9	60·4	+0·6	86	31	47	23	63·4	59·6	129	5·06	173	1·47	14	11	10	0	0	0	2	1	0	0	7·71	122	47
Bolton	9 9 9	342	69·9	50·1	60·0	+0·3	87	31	42	8,10	59·8	55·7	76	2·99	82	·61	10	11	11	0	0	0	1	–	0	–	7·15	147	44
Burnley	9 9 9	458	67·6	50·3	58·9	+0·4	86	31	42	8,10	60·4	56·3	78	3·08	–	·54	15	12	11	0	0	1	2	0	2	–	–	–	–
Darwen	2121 9	724																												
Fleetwood ..	9 9 9	21	68·9	52·0	60·5	–	82	31	47	2,8	–	–	101	3·98	–	1·20	14	12	10	0	0	0	1	0	0	1	7·69	–	47
Hutton	9 9 9	82	68·8	51·5	60·1	+0·6	88	31	42	8	61·9	58·1	84	3·30	–	1·01	14	11	11	0	0	0	3	–	0	0	7·11	133	43
Leyland	9 9 9	125	69·2	50·7	59·9	+0·6	87	31	42	8,10	–	–	70	2·75	93	·62	31	11	10	0	0	0	3	0	0	–	–	–	–
Manchester (Burnage) ..	9 9 9	147	70·5	51·9	61·2	–	90	31	44	10	–	–	45	1·79	–	·30	10,11	10	9	0	0	0	1	0	–	–	6·58	–	41
(Whitworth Pk.)	2121 9	125	70·5	53·3	61·9	+1·0	90	31	43	10	59·8	56·2	51	2·01	61	·43	10	10	9	0	0	0	2	2	0	0	6·04	131	37
Morecambe ..	9 9 9	23	67·5	54·5	61·0	+0·6	86	31	49	9	–	–	118	4·66	147	1·64	14	12	10	0	0	0	1	0	–	0	8·26	135	50
Nelson	9 9 9	540	66·8	50·4	58·6	–	86	31	43	8	62·4	56·2	100	3·93	–	·73	12	11	11	–	–	–	–	7	0	–	6·52	–	40
Southport (Bedford Rd.Pk.) ¶§	9 9 9	35	68·6	52·4	60·5	+0·7	88	31	45	23	61·2	59·1	107	4·20	147	·90	31	11	10	0	0	0	1	1	0	1	7·88	125	48
Stonyhurst ¶§	9 9 9	377	67·4	51·6	59·5	+0·4	85	31	46	8,10	–	–	102	4·03	104	·76	10	12	11	0	0	0	3	0	0	0	7·54	142	46
Cheshire Bidston Obs'y ..	9 9 9	198	67·5	54·2	60·9	+0·9	86	31	49	8	–	–	52	2·06	79	·73	31	10	8	–	–	–	–	1	1	–	7·01	118	43
Hoylake	9 9 9	22	69·8	52·8	61·3	+0·8	85	30,31	48	17,23,24	–	–	51	2·02	83	·91	31	12	9	0	0	0	2	–	0	–	7·30	119	45
Macclesfield ..	9 9 9	500	69·5	51·5	60·5	+1·0	88	31	44	23	–	–	40	1·59	49	·33	15	11	10	0	0	1	2	0	–	–	–	–	–
Manchester (Ringway) ..	18–7 7	235	69·0	51·3	60·1	–	87	31	44	10	–	–	42	1·67	–	·30	6	11	8	0	0	1	3	1	–	0	–	–	–
Warburton ..	9 9 9	68	70·5	48·8	59·7	–	90	31	42	10,23,30	–	–	47	1·86	–	·54	6	10	9	0	0	1	4	0	0	–	6·82	–	42
West Kirby ..	9 9 9	25	70·6	53·3	61·9	−0·4	87	30	47	17	–	–	67	2·64	103	1·19	31	11	10	0	0	4	3	0	0	–	7·36	118	45
7b NORTH WALES																														
Flint Hawarden B'dge	9 9 9	17	70·9	50·9	60·9	0·0	88	31	45	17,22	–	–	75	2·95	–	1·08	6	10	8	0	0	0	2	0	–	–	–	–	–
Prestatyn ..	9 9 9	18	69·0	53·8	61·4	–	89	31	49	10,16,17	–	–	41	1·63	–	1·07	31	8	6	0	0	0	1	0	–	–	6·80	–	41
Rhyl	9 9 9	31	68·4	53·0	60·7	+0·8	85	31	47	16,17	–	–	41	1·61	70	·68	31	10	6	0	0	0	1	0	0	1	7·36	115	44
Sealand .. ¶§	18–7 7	16	69·9	52·3	61·1	+0·1	88	31	46	10,16	61·0	57·2	82	3·24	142	1·19	6	11	7	0	0	0	4	1	0	0	7·80	140	48
Anglesey Holyhead ¶§	7 7 7	26	64·6	53·8	59·2	+0·2	81	31	50	27	–	–	51	2·00	77	·56	14	13	9	–	–	–	–	–	0	1	7·97	129	49
Holyhead (Valley)	18–7 7	32	66·7	52·6	59·7	–	85	31	43	16	–	–	39	1·55	–	·43	10	11	9	0	0	0	1	1	0	0	–	–	–
Denbigh Colwyn Bay ..	9 9 9	118	67·4	53·5	60·5	0·0	85	31	49	10,16	–	–	53	2·10	–	·75	6	10	7	0	0	0	1	0	–	–	6·76	110	41
Carnarvon Aber	9 9 9	60	67·5	53·6	60·5	+0·2	87	31	48	16	–	–	68	2·66	–	·74	31	13	9	0	0	0	1	0	0	0	7·08	126	43
Llandudno ..	9 9 9	13	67·0	54·1	60·5	+0·4	86	31	50	10,16	–	–	48	1·90	85	·62	6	11	7	0	0	0	1	0	0	0	7·44	120	45
Montgomery Lake Vyrnwy ..	9 9 9	750	67·2	49·6	58·4	–	81	30	43	8	–	–	90	3·55	–	·94	10	12	9	0	0	0	2	0	0	–	–	–	–
Welshpool ..	9 9 9	254	70·0	49·9	59·9	−0·4	86	31	43	8,17	–	–	30	1·19	52	·31	10	13	5	0	0	0	1	0	–	–	–	–	–
8a SOUTH WALES																														
Cardigan Aberporth ..	18–7 7	376	65·5	53·1	59·3	–	80	30,31	47	3	–	–	57	2·26	–	·70	15	11	8	0	0	0	1	1	0	0	7·76	–	48
Aberystwyth ..	9 9 9	12	67·5	55·1	61·3	+1·6	83	31	52	9	–	–	73	2·87	–	·93	15	11	7	0	0	0	1	0	–	–	6·85	119	42
„ Llety-evan-hen	9 9 9	950	62·3	51·8	57·1	–	77	31	45	8	–	–	95	3·73	–	·89	10	13	12	0	0	0	1	–	0	–	6·06	–	37
„ P.B.S.†	9 9 9	452	65·7	53·8	59·7	0·0	82	31	49	8	–	–	80	3·14	–	·75	10	13	9	0	0	0	1	3	0	0	6·82	126	42
Pembroke Haverfordwest ..	2121 9	127	68·9	52·0	60·5	+1·8	80	30	43	7	–	–	72	2·82	–	·76	14	15	11	0	0	0	0	0	–	–	7·51	112	47
St. Ann's Hd. ¶§	18–7 7	142	64·7	54·9	59·8	+0·5	74	30	51	7,8,16	–	–	50	1·96	75	·55	11	13	7	0	0	0	0	0	–	0	6·72	102	42
Tenby	9 9 9	64	67·9	54·4	61·1	+0·6	78	3	47	8,16	–	–	64	2·53	–	·83	11	13	11	0	0	0	1	0	0	–	7·12	105	44
Radnor Rhayader ¶§	9 9 9	757	67·5	49·5	58·5	+0·6	82	30,31	40	3	–	–	51	2·02	57	·51	15	15	8	0	0	0	1	0	2	0	6·24	115	39
Brecknock Cantref	9 9 9	1080	66·1	50·1	58·1	–	81	31	43	6	–	–	134	5·27	–	1·87	11	15	12	0	0	0	1	3	–	–	6·08	–	38
Crickhowell ..	9 9 9	230	71·2	51·8	65·5	–	86	31	44	8,10	–	–	45	1·79	–	·80	11	14	9	0	0	0	1	0	0	–	–	–	–
Glamorgan Cardiff	2121 9	203	70·0	53·6	61·8	+1·0	85	30,31	46	7	62·4	57·5	65	2·57	83	·58	10	14	13	0	0	0	0	0	0	0	6·47	105	40
Athan ..	18–7 7	145	68·6	54·0	61·3	–	84	31	46	8	–	–	60	2·35	–	·65	10	14	11	0	0	0	0	1	0	0	–	–	–
Swansea	9 9 9	32	69·2	56·1	62·7	+0·5	80	30	50	8	65·8	60·6	84	3·29	–	·69	10,11	13	12	0	0	2	2	0	(0)	–	6·69	104	42
8b ENGLAND, S.W.																														
Monmouth Newport ..	9 9 9	265	71·9	54·0	62·9	0·0	87	31	48	7,8	63·9	61·7	69	2·71	–	·85	11	16	11	–	–	–	–	0	–	–	6·24	–	39
Usk	9 9 9	70	71·8	51·2	61·5	+0·5	87	31	43	7,8	64·4	–	47	1·85	–	·70	11	12	9	0	0	0	1	10	0	0	–	–	–
Somerset Bath .. ¶§	9 9 9	67	71·4	55·0	63·2	+1·2	89	31	48	10	64·9	60·7	49	1·92	77	·62	20	13	10	0	0	0	1	0	–	0	6·18	95	39
Bristol (Airport) ..	18–7 7	209	71·4	53·6	62·5	–	88	31	45	2	–	–	54	2·12	–	·39	20	14	11	0	0	0	1	0	0	0	6·23	–	39
Cannington ..	9 9 9	95	71·9	55·4	63·7	–	85	30,31	49	1	–	–	57	2·23	–	·90	20	17	12	0	0	0	2	0	0	0	6·54	–	41
Long Ashton ..	9 9 9	162	71·5	53·2	62·3	0·0	89	31	46	2,8,10	–	–	50	1·96	69	·36	20	15	13	0	0	0	1	0	0	–	6·47	97	40
Weston-s.-Mare ..	9 9 9	28	70·7	56·0	63·3	–	87	31	51	16	–	–	49	1·94	83	·37	20	15	12	0	0	0	2	0	0	–	6·41	101	40

¶§, S *See* Notes on Tables in Annual Summary. † Plant Breeding Station.

TABLE III (*continued*)—Summary of Observations of Temperature, Rainfall, Sunshine and Weather JULY, 1943

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation: Max. Min. Rain	Height of Station above Mean Sea Level	Air Temperature in Degrees Fahrenheit: Means of A Max.	B Min.	Mean of A and B	Difference from Average	Absolute Maximum and Minimum: Maximum	Date	Minimum	Date	Earth Temperature 1 ft	4 ft	Rainfall: Total Fall mm	in	Per cent-age of Average	Most in a day: Amount in	Date	Weather Number of days: Precip'n 0·1 in (0·2 mm) or more	Precip'n 0·4 in (1·0 mm) or more	Snow	Snow lying	Hail	Thunderstorm	Fog (Morn'g Obs.)	Ground Frost	Gale	Bright Sunshine: Daily Mean	Percentage: of Average	of Possible
		G.M.T.	ft	°F	°F	°F	°F	°F		°F		°F	°F	mm	in	%	in											hr	%	%
8b ENGLAND, S.W.—*cont.*																														
Dorset	Holton Heath	9 9 9	64	69·8	53·6	61·7	0·0	78	2,31	46	6,7	65·2	63·1	53	2·08	–	·55	20	15	9	0	0	0	0	0	0	0	6·88	103	43
	Poole	9 9 9	18	71·8	54·0	62·9	–	81	31	46	7	–	–	56	2·21	–	·83	20	11	9	0	0	0	0	0	–	–			
	Portland Bill	18–7 7	32	62·7	56·1	59·4	-1·3	67	31	53	1	–	–	50	1·97	119	·52	19	9	7	0	0	0	0	0	–	0	–	–	–
	Shaftesbury	9 9 9	722	68·3	52·2	60·3	–	84	31	46	2,7	–	–	65	2·58	–	·95	20	14	12	0	0	0	1	–	–	–	–	–	–
	Swanage	9 9 9	14	67·5	55·3	61·4	–	75	2	47	8	–	(59·1	66	2·59	–	·74	20	11	8	0	0	0	0	1	0	–	6·74	–	42
	Weymouth	9 9 9	16	67·6	55·9	61·7	-0·6	75	30	50	8	–	–	42	1·66	92	·46	19	10	7	0	0	0	0	0	–	–	5·62	77	35
Devon	Barnstaple	9 9 9	25	68·3	54·6	61·5	+1·1	83	30	45	3	–	–	75	2·95	109	·57	19	16	14	–	–	–	–	0	0	–	–	–	–
	Cullompton ¶§	9 9 9	202	72·8	53·3	63·1	+1·3	83	30	44	7	64·6	–	71	2·78	103	·58	20	16	12	0	0	0	0	0	0	–	5·67	86	35
	Dawlish	9 9 9	17	69·0				76	4,28			–	–	59	2·32	–	·85	19	11	9	–	–	–	–	0	0	–	6·43	–	40
	Exmouth	9 9 9	195	67·8	55·1	61·5	+0·2	76	2	49	8	–	–	56	2·21	–	·62	19	14	12	0	0	0	2	1	–	0	6·38	95	40
	Hartland Pt.	18–7 7	299	64·6	56·7	60·7	–	82	30	53	1	–	–	54	2·11	–	·43	10	17	12	0	0	1	1	2	0	0	6·16	–	39
	Ilfracombe	9 9 9	25	66·6	56·2	61·4	+0·5	84	30	52	3,16	65·0	61·5	74	2·91	119	·44	11	13	13	0	0	0	1	0	0	–	7·11	107	44
	Killerton	9 9 9	159	71·6	53·1	62·3	+1·0	81	3	46	9	–	–	62	2·43	–	·54	20	10	10	–	–	–	–	2	0	–	–	–	–
	*Newton Abbot	9 9 9	375	69·2	53·7	61·5	-1·0	79	3	48	8	–	–	64	2·52	110	·72	19	17	12	0	0	0	1	0	0	–	5·88	88	37
	Plymouth (Hoe)	2121 9	117	67·1	57·2	62·1	+1·0	78	3,30	51	7,8	61·4	58·5	68	2·66	95	·47	10	18	13	0	0	0	1	0	0	0	5·95	88	37
	Plymouth (Mount Batten)	18–7 7	86	67·3	56·2	61·7	+0·4	77	3,31	48	7	–	–	69	2·71	–	·81	19	17	12	0	0	0	1	2	0	0	5·82	86	37
	Princetown	9 9 9	1359	64·0	51·4	57·7	+1·2	78	30	45	8,10	–	–	167	6·56	122	122	11	18	17	0	0	0	2	8	0	–	–	–	–
	Seaton	9 9 9	43	67·9	55·6	61·7	–	76	31	49	7	–	–	70	2·74	–	·49	10	14	12	0	0	0	2	1	0	–	–	–	–
	Sidmouth	9 9 9	25	67·6	55·8	61·7	+1·0	75	4	49	8	–	–	50	1·96	–	·37	10	10	10	0	0	0	1	1	0	–	6·39	–	40
	Tavistock	9 9 9	457	69·8	52·4	61·1	+1·1	79	30	43	8	–	62·1	83	3·28	97	1·03	19	15	15	0	0	0	1	0	0	0	–	–	–
	Teignmouth	9 9 9	20	68·9	56·6	62·7	+0·6	76	4,28	51	7,8	–	–	55	2·16	93	·76	19	14	7	0	0	0	1	0	0	–	6·60	93	42
	Torquay	9 9 9	27	68·0	56·7	62·3	+0·2	75	3,28	50	8	–	61·3	60	2·37	110	·90	19	15	8	0	0	0	2	0	0	0	5·94	81	37
	Totnes	9 9 9	100	68·9	53·1	61·0	–	80	3	43	1,2	60·5	–	90	3·55	–	·90	19	17	13	0	0	0	1	–	0	0	–	–	–
Cornwall	Bude	9 9 9	50	67·4	55·2	61·3	+1·2	84	30	46	3	–	–	71	2·79	114	·57	15	16	11	0	0	1	2	0	–	–	6·65	105	42
	Ellbridge	9 9 9	200	68·9	54·4	61·7	–	81	30	46	7	–	–	97	3·82	–	·80	19	19	14	0	0	0	1	1	0	–	5·82	–	37
	Falmouth Obs. ¶§	9 9 9	167	67·8	56·2	62·0	+1·2	78	3	50	7	64·5	61·8	76	3·00	105	·68	19	19	12	0	0	0	1	0	0	–	5·76	82	36
	Fowey	9 9 9	51	68·4	55·4	61·9	+0·4	79	3	50	6,7,8	–	–	77	3·01	–	·91	19	20	14	0	0	0	0	0	–	–	5·16	76	98
	Gulval	9 9 9	20	66·9	55·7	61·3	-0·3	79	3	49	7	–	–	88	3·48	–	1·13	17	15	12	0	0	0	2	0	0	–	6·25	92	39
	The Lizard	18–7 7	240	65·4	55·9	60·7	–	72	3	50	7,8	–	–	72	2·82	–	1·30	17	16	11	0	0	0	1	6	–	0	5·80	–	37
	Newquay	9 9 9	182	66·3	56·1	61·2	+1·3	77	30,31	50	1	63·0	59·0	85	3·34	144	·94	19	16	14	0	0	0	2	0	–	1	6·53	98	41
	Penzance	9 9 9	55	67·6	55·4	61·5	0·0	78	3	50	7,12	–	–	86	3·37	124	·74	17	14	13	0	0	0	1	0	–	–	5·80	85	37
	Tintagel	9 9 9	280	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
NORTHERN IRELAND																														
Londonderry	Castlerock	7 7 7	57	66·1	51·5	58·8	–	81	31	45	2,17	–	–	54	2·13	–	·54	5	18	10	0	0	0	1	0	0	1	–	–	–
	Garvagh (Moneydig) ¶	7 7 7	121	67·0	49·2	58·1	+0·3	80	31	41	17	–	–	52	2·06	64	·67	5	17	11	0	0	0	1	4	4	–	–	–	–
Antrim	Aldergrove ¶§	18–7 7	268	66·7	50·5	58·6	+0·4	78	31	42	2	–	–	46	1·80	64	·56	5	16	9	0	0	0	1	0	0	0	7·10	145	43
Down	Ballyhalbert ††	9 9 9	34	64·1	51·2	57·7	–	74	31	41	10	–	–	37	1·47	–	·23	12	13	10	0	0	1	1	1	0	0	6·39	–	39
	Hillsborough §	9 9 9	388	65·5	49·7	57·6	–	77	31	44	2	60·1	–	38	1·48	–	·37	10	13	11	0	0	0	0	0	0	0	6·19	118	37
Armagh	Armagh ¶§	2121 9	205	68·9	51·2	60·1	+1·2	88	31	45	17	63·6	58·7	66	2·60	90	·65	31	14	12	0	0	0	1	0	0	0	6·34	135	38
Scilly	St. Mary's	18–7 7	163	65·9	56·4	61·1	+0·5	72	29,30	52	7	–	–	54	2·13	96	·86	19	14	12	0	0	0	1	0	–	0	5·78	85	37
GIBRALTAR		18–7 7	400	77·6	67·0	72·3	-2·6	82	23,24	64	3,21,27	–	–	1	·02	–	·01	2	1	0	0	0	0	1	0	0	0	10·71	–	75
MALTA		18–7 7	231	85·9	72·5	79·2	+1·1	96	4	66	13	–	–	0·2	·01	20	·01	28	1	0	0	0	0	1	0	–	0	11·96	100	84

¶§. § *See* Notes on Tables in Annual Summary. †† Sunshine recorder is at Mount Stewart. * Seale-Hayne College.

TABLE III (*a*)—SKY OBSERVATIONS, JULY, 1943

WEATHER DIARY ROYAL OBSERVATORY, GREENWICH	Number
Persistently overcast days	1
„ cloudless „	0
„ foggy „	0

NIGHT SKY RECORDER**	GREENWICH	PORTON
Recorder in operation on	31 nights	31 nights
Average exposure (hours)	5·3	4·7
Polaris unobscured (per cent.)	53	53
δ Ursæ Minoris (ditto)	50	47

TABLE III (*b*)—SOLAR RADIATION

DIRECT SOLAR RADIATION KEW OBSERVATORY

	Cal./cm.²/diem.
Max. (on 17th.)	752
Mean	237·7

** *See* Meteorological Magazine, May, 1920, p. 70.

TABLE IV—Summary of Observations at fixed hours JULY, 1943

DISTRICT, COUNTY AND PLACE	Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE: At Mean Sea Level	MEAN PRESSURE: Difference from Average	TEMPERATURE AND HUMIDITY: Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	CLOUD AMOUNT: Mean Amount	CLOUD AMOUNT: No. of Observations 0	1 to 3	4 to 6	7 to 9	10
	G.M.T.	ft	mb	mb	°F	°F	mb	%						
0 SCOTLAND, N.														
Shetlands Sumburgh (Links)	1	23	1013·5	–	51·3	1·1	11·9	92	6·6	0	9	3	12	7
	7	23	1013·1	+0·9	53·2	1·6	12·3	89	8·1	0	2	2	22	5
	13	23	1013·1	–	55·9	2·5	12·9	85	7·1	0	5	5	17	4
	18	23	1012·9	–	55·3	2·1	12·9	87	7·0	0	8	1	14	8
Hebrides Benbecula	1	27	1013·5	–	53·9	1·3	13·0	91	6·3	3	5	7	6	10
	7	27	1013·0	–	55·8	2·2	13·1	86	7·2	0	7	2	15	7
	13	27	1013·6	–	59·7	4·0	13·5	77	6·1	2	7	4	10	8
	18	27	1013·4	–	59·2	3·8	13·3	78	6·3	3	6	3	12	7
Stornoway	1	83	1013·9	–	52·2	1·1	12·4	93	6·5	1	5	8	8	9
	7	83	1012·7	+0·3	54·4	1·6	12·9	90	7·8	0	5	2	16	8
	13	83	1013·1	–	57·8	3·6	12·8	79	7·5	0	5	1	21	4
	18	83	1013·5	–	56·8	3·0	12·9	82	7·1	0	8	2	15	6
Caithness Wick	1	117	1014·4	–	50·3	1·1	11·6	92	7·4	0	6	5	9	11
	7	117	1013·7	+1·2	53·1	1·4	12·5	90	8·6	0	1	2	17	11
	13	117	1013·6	–	57·6	3·5	12·8	79	7·4	0	6	1	20	4
	18	117	1013·7	–	56·2	3·1	12·6	81	6·7	0	7	5	13	6
Sutherland Cape Wrath	1	371	1013·7	–	52·6	0·8	12·8	94	8·5	0	1	4	18	8
	7	371	1012·9	–	52·6	0·9	12·7	93	8·8	0	0	4	18	9
	13	371	1013·2	–	54·9	1·3	13·5	91	8·5	0	0	0	24	7
	18	371	1013·3	–	54·2	1·2	13·2	92	8·5	0	0	6	19	6
Ross and Cromarty **Invergordon	1	19	1014·7	–	51·1	1·3	11·7	91	8·0	0	4	1	17	9
	7	19	1013·9	–	54·1	2·0	12·4	87	8·2	0	2	2	18	9
	13	19	1013·5	–	61·8	5·6	13·0	69	7·1	0	6	3	16	6
	18	19	1013·5	–	59·4	4·5	12·8	74	7·0	0	6	4	14	7
Inverness Dalwhinnie †	7	1180	971·9	–	50·9	1·9	11·0	87	8·4	0	3	1	14	13
	13	1180	971·7	–	61·4	6·7	11·6	63	6·2	0	9	5	11	6
	18	1180	971·6	–	59·3	5·5	11·7	69	7·1	1	7	0	16	7
1 SCOTLAND, E.														
Moray Lossiemouth	1	24	1014·4	–	51·6	1·5	11·8	90	8·1	0	3	3	13	12
	7	24	1013·8	–	54·8	2·5	12·3	84	8·3	0	3	0	20	8
	13	24	1013·6	–	59·9	5·0	12·6	72	7·4	0	4	5	14	8
	18	24	1013·6	–	58·4	4·3	12·5	75	7·3	0	8	0	16	7
Aberdeen Aberdeen H	7	85	1013·9	+0·7	55·0	3·1	11·8	80	8·1	0	3	3	12	13
	13	85	1013·7	–	60·0	5·4	12·1	69	7·2	0	7	2	15	7
	18	85	1013·7	–	58·9	5·2	11·7	70	6·8	0	9	0	14	8
	21	85	1014·2	–	55·2	3·1	11·9	80	7·1	0	7	3	9	12
	h.*	85	1013·9	+0·7	56·2	3·9	11·9	77						
Braemar ‡	9	1108	1013·4	+0·3	57·3	5·0	11·1	70	7·2	2	5	1	13	10
Dyce	1	237	1014·6	–	50·5	1·3	11·3	91	7·6	0	4	5	12	10
	7	237	1013·9	–	53·7	2·3	11·9	85	8·1	1	1	2	18	9
	13	237	1013·6	–	61·0	5·1	13·0	71	7·1	1	6	0	19	5
	18	237	1013·6	–	58·6	4·6	12·2	72	6·8	0	8	2	14	7
Angus Montrose (Airf'd)	1	22	1015·0	–	52·1	1·5	12·0	89	6·6	0	9	4	8	10
	7	22	1014·2	–	54·5	2·4	12·3	84	7·5	0	7	2	15	7
	13	22	1014·2	–	61·3	5·7	12·6	69	6·3	2	8	1	14	6
	18	22	1013·9	–	59·2	4·4	12·8	75	6·0	0	10	2	16	3
Perth Errol	1	33	1014·8	–	52·3	1·5	12·1	90	7·9	0	3	5	11	12
	7	33	1014·2	–	54·5	2·0	12·7	87	8·5	0	2	2	17	10
	13	33	1013·9	–	63·2	5·9	13·5	68	6·7	2	5	3	15	6
	18	33	1013·7	–	61·0	5·1	13·1	72	6·6	1	6	6	13	5
Fife Leuchars H	1	36	1014·8	–	53·3	1·8	12·3	88	7·9	0	4	3	13	11
	7	36	1014·1	+0·8	55·0	2·7	12·3	83	8·4	0	3	0	16	12
	13	36	1014·0	–	62·7	6·7	12·4	64	7·1	2	5	2	15	7
	18	36	1013·7	–	61·2	5·6	12·8	70	6·8	2	4	4	17	4
Mid Lothian Edinburgh (Blackford Hill)	9	441	1014·2	–	57·0	3·9	12·0	76	7·3	3	2	3	11	12
	21	441	1014·4	–	55·3	2·8	12·3	82	7·0	3	4	3	10	11
Berwick St. Abb's Head	1	312	1014·5	–	53·8	1·7	12·5	89	7·7	0	3	7	13	8
	7	312	1013·9	–	54·3	1·9	12·5	87	8·0	0	3	4	11	13
	13	312	1014·0	–	59·2	4·1	13·0	76	7·7	0	2	7	13	9
	18	312	1013·8	–	57·9	3·2	13·1	80	7·2	0	5	6	11	9
6a SCOTLAND, W.														
Argyll Tiree	1	27	1013·7	–	53·9	1·1	13·3	93	5·7	5	6	3	6	11
	7	27	1013·7	+0·7	56·0	1·7	13·7	88	7·3	4	3	0	14	10
	13	27	1014·3	–	59·5	3·3	14·0	81	6·7	3	2	8	10	8
	18	27	1013·7	–	58·8	3·4	13·6	80	6·0	4	6	3	11	7
Bute Rothesay	9	187	1014·9	+1·1	58·6	2·9	13·9	83	6·7	1	5	5	18	2
	21	187	1014·8	–	56·8	2·0	13·8	87	5·8	1	9	6	14	1
Renfrew Renfrew (Abbotsinch)	1	24	1014·9	–	53·6	1·7	12·2	89	6·7	3	3	8	4	13
	7	24	1014·3	+0·5	54·9	2·0	12·9	87	7·5	3	2	3	11	12
	13	24	1014·2	–	64·3	6·4	13·7	67	7·3	0	5	4	15	7
	18	24	1013·7	–	63·4	5·5	14·2	71	6·7	1	7	2	16	5
Dumfries Eskdalemuir ‡‡H	7	778	1014·5	+0·3	52·7	2·0	11·9	87	7·9	1	3	3	10	14
	13	778	1014·3	–	61·2	5·4	13·0	70	6·8	0	7	6	9	9
	18	778	1013·6	–	59·9	4·5	13·0	74	6·3	0	9	4	9	9
	21	778	1014·6	–	53·1	1·7	12·2	89	7·3	1	5	3	9	13
	h.*	778	1014·4	+0·2	55·2	2·9	12·1	82						
6b ISLE OF MAN														
Isle of Man Douglas H	9	286	1015·4	+0·6	58·7	3·8	13·2	78	6·3	0	6	14	11	0
Point of Ayre	1	31	1015·4	–	55·9	1·5	13·8	90	6·5	5	8	1	10	7
	7	31	1014·8	–	57·2	2·1	13·9	87	6·2	2	7	4	10	8
	13	31	1015·3	–	63·4	5·1	14·4	72	5·9	2	5	7	13	4
	18	31	1014·6	–	61·6	3·8	14·7	79	5·4	3	9	2	15	2

DISTRICT, COUNTY AND PLACE	VISIBILITY: NUMBER OF OBSERVATIONS: FOG 0	1	2	3	MIST 4	POOR VIS. 5	MOD. VIS. 6	GOOD VISIBILITY 7	8	9	WIND, NUMBER OF OBSERVATIONS: FORCE (0-12) 8 or more	6 to 7	4 to 5	1 to 3	Calm	DIRECTION N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
0 SCOTLAND, N.																							
Shetlands Sumburgh (Links)	0	0	0	0	0	0	4	2	25	0	0	1	8	19	3	7	6	0	3	1	4	5	2
	0	0	0	0	0	1	2	2	26	0	0	0	12	19	0	6	6	0	3	2	7	5	4
	0	0	0	0	0	0	5	1	21	4	0	1	16	14	0	1	8	2	2	5	5	6	2
	0	0	0	0	0	2	2	1	20	6	0	2	11	18	0	1	8	1	4	3	5	6	3
Hebrides Benbecula	0	0	0	0	2	2	4	5	12	6	0	1	13	16	1	3	4	5	4	6	3	4	1
	0	0	0	1	1	0	3	2	17	7	0	6	10	15	0	2	3	5	4	2	5	4	4
	0	0	0	0	0	0	4	1	17	9	0	6	11	14	0	2	1	4	6	1	3	5	6
	0	0	0	0	0	0	1	4	16	10	0	4	12	15	0	2	2	6	0	1	3	6	4
Stornoway	0	0	2	0	0	0	4	11	13	1	0	1	10	14	6	2	2	6	0	1	5	6	2
	0	0	1	0	0	1	5	5	15	4	0	4	7	12	8	3	3	2	0	1	3	5	4
	0	0	0	0	0	0	3	4	17	7	0	3	13	14	1	3	4	6	0	2	5	5	3
	0	0	0	0	0	0	2	4	18	7	0	4	14	10	3	3	7	2	0	2	6	4	4
Caithness Wick	0	2	1	0	0	1	4	5	10	8	0	1	1	25	4	3	3	2	0	3	2	6	4
	0	0	1	0	0	1	2	5	12	11	0	0	5	24	2	3	2	0	8	1	5	4	3
	0	0	0	1	0	0	2	1	9	20	0	0	7	21	0	1	6	3	7	8	5	1	3
	0	0	0	0	0	0	1	2	11	17	0	0	7	23	1	2	6	3	8	1	3	2	5
Sutherland Cape Wrath	1	1	0	0	0	0	1	4	19	5	0	0	13	18	0	0	1	10	3	1	11	4	1
	1	4	0	0	0	0	1	3	13	9	0	0	11	20	0	2	0	9	3	1	13	2	1
	1	1	1	0	0	0	1	4	9	14	0	0	14	16	1	1	0	8	2	1	11	4	3
	1	1	0	0	0	0	0	4	10	15	0	1	15	15	0	1	1	7	6	5	7	5	4
Ross and Cromarty **Invergordon	0	0	0	0	0	0	4	5	20	2	0	0	1	14	16	0	2	1	1	0	1	6	4
	0	0	0	0	0	0	7	2	17	5	0	0	2	15	14	0	5	2	0	0	4	6	0
	0	0	0	0	0	0	1	1	16	13	0	0	7	23	1	1	2	9	5	0	6	4	3
	0	0	0	0	0	0	2	2	18	9	0	0	9	19	3	2	3	8	4	0	4	6	1
Inverness Dalwhinnie †	0	0	1	1	1	0	2	14	12	0	0	0	0	27	4	6	3	0	0	6	5	4	3
	0	0	0	0	0	0	1	17	13	0	0	0	2	28	1	6	4	0	0	7	9	3	1
	0	0	0	0	0	0	2	16	13	0	0	0	4	27	0	3	7	0	0	6	5	7	3
1 SCOTLAND, E.																							
Moray Lossiemouth	0	0	0	0	0	0	1	10	13	7	0	0	3	26	2	4	2	4	5	2	8	3	1
	0	0	0	0	0	0	1	3	14	13	0	0	3	27	1	2	2	3	3	0	7	3	3
	0	0	0	0	0	0	2	3	11	15	0	0	9	22	0	3	7	3	3	0	3	2	3
	0	0	0	0	0	0	1	4	11	15	0	0	10	20	1	3	6	9	1	0	3	4	4
Aberdeen Aberdeen H	0	0	0	0	0	2	7	1	17	4	0	0	2	29	0	7	1	1	2	5	5	3	7
	0	0	0	0	0	0	4	3	21	3	0	0	6	25	0	7	0	4	4	8	3	2	3
	0	0	0	0	0	0	1	6	21	2	0	0	4	27	0	7	1	5	4	3	5	4	1
	0	0	0	0	0	0	2	9	18	2	0	0	0	31	0	6	0	3	2	8	3	2	7
Braemar ‡	2	5	1	3	10	6		5	3	0	0	0	8	18	5	5	3	5	0	8	1	3	1
Dyce	0	0	0	1	0	2	3	6	16	7	0	0	4	18	9	5	0	0	2	2	4	4	5
	0	0	0	0	1	2	6	4	10	7	0	0	6	21	4	6	0	0	3	6	4	2	6
	0	0	0	0	0	2	4	3	17	8	0	2	13	16	0	4	1	5	4	5	4	2	6
	0	0	0	0	0	0	2	2	18	9	0	1	9	19	2	7	1	3	7	3	4	1	3
Angus Montrose (Airf'd)	0	0	0	1	0	4	7	8	5	6	0	0	1	23	7	1	4	3	1	3	3	6	4
	0	0	0	0	0	2	3	9	10	5	0	0	2	26	3	2	5	3	1	2	6	6	3
	0	0	0	1	0	1	2	7	9	11	0	0	9	22	0	1	3	5	7	3	5	5	2
	0	0	0	0	0	1	3	6	10	11	0	1	7	22	1	1	0	5	9	6	5	3	3
Perth Errol	0	0	0	0	0	1	2	8	10	3	0	1	2	25	5	6	5	1	2	3	3	5	2
	0	0	0	0	0	3	6	12	8	2	0	0	1	23	7	1	2	1	1	3	9	5	2
	0	0	0	0	0	4	8	8	14	2	0	1	7	23	0	1	3	6	8	1	9	4	1
	0	0	0	0	0	1	0	8	15	7	0	0	7	24	0	0	1	4	0	2	4	4	2
Fife Leuchars H	0	0	0	0	1	3	7	8	8	4	0	0	2	13	16	0	0	1	4	0	2	4	4
	0	0	0	0	0	4	6	10	8	4	0	0	3	21	7	0	0	3	3	1	2	10	5
	0	0	0	0	0	0	2	11	8	7	0	0	2	23	6	0	0	2	9	3	2	6	7
	0	0	0	0	0	1	4	8	13	5	0	0	4	23	0	0	1	7	7	6	2	6	4
Mid Lothian Edinburgh (Blackford Hill)	0	0	0	1	2	4	8	0	15	1	0	0	6	17	8	0	0	6	3	0	2	4	5
	0	–	–	0	0	1	2	–	–	–	0	0	8	20	3	1	1	2	1	5	3	4	4
Berwick St. Abb's Head	0	1	0	0	0	1	2	22	5	0	0	0	1	8	22	0	1	1	2	2	5	4	3
	0	2	0	0	0	1	2	13	14	0	0	0	7	19	5	0	6	3	2	5	2	3	5
	0	0	0	0	0	1	2	14	13	1	0	0	7	24	0	0	8	3	1	8	3	1	5
	0	0	0	0	0	0	2	13	16	0	0	0	12	19	0	0	8	3	1	8	3	1	5
6a SCOTLAND, W.																							
Argyll Tiree	0	1	1	1	1	0	7	4	8	8	0	1	4	16	10	1	2	1	1	6	3	4	3
	0	0	1	2	0	0	5	4	9	10	0	0	5	22	4	3	3	0	1	4	4	5	3
	0	0	0	0	0	1	3	4	10	13	0	0	4	18	4	3	3	2	0	1	4	5	4
	0	0	0	1	0	0	3	5	6	16	0	0	9	19	3	3	2	0	4	1	4	7	7
Bute Rothesay	0	0	0	0	0	0	12	4	15	0	0	0	1	29	0	1	1	11	7	1	5	4	2
	0	0	0	0	0	0	9	5	17	0	0	0	4	27	0	0	2	8	1	0	4	2	5
Renfrew Renfrew (Abbotsinch)	0	0	0	0	2	3	17	8	1	0	0	0	1	23	7	0	2	8	1	0	4	2	5
	0	0	0	1	0	5	11	7	6	1	0	0	5	19	7	0	4	6	2	1	3	3	5
	0	0	0	0	0	1	10	8	7	6	0	1	6	22	2	2	4	5	3	1	3	5	5
	0	0	0	0	0	1	3	9	14	4	0	0	7	23	1	2	4	5	1	2	3	5	5
Dumfries Eskdalemuir ‡‡H	0	0	0	0	1	1	10	5	12	0	0	0	4	1	7	1	5	5	2	1	3	3	2
	0	0	0	0	0	0	9	3	21	0	0	0	3	11	16	1	2	4	6	2	4	4	3
	0	0	0	0	0	2	5	6	18	0	0	1	10	18	2	2	4	2	3	0	1	6	6
	0	0	0	0	0	1	8	2	17	0	0	0	7	15	9	6	2	0	0	3	4	4	3
6b ISLE OF MAN																							
Isle of Man Douglas H	0	0	0	0	0	0	20	5	6	0	0	0	5	15	11	0	0	3	0	3	5	6	4
Point of Ayre	0	2	0	0	0	0	2	6	21	0	0	0	1	8	18	4	3	1	3	7	3	3	4
	0	1	0	0	0	0	1	7	22	0	0	0	2	12	14	3	1	3	1	7	3	2	3
	0	0	0	0	0	0	1	5	22	0	0	0	2	12	17	0	3	6	1	1	6	1	4
	0	0	0	0	0	0	1	3	27	0	0	0	0	14	15	2	6	1	1	4	2	1	5

* Mean of hourly readings. † Pressure at Station Level. ‡ Mean pressure at Station Level is 973·0 mb.

‡‡ Mean pressures at Station Level are 986·2 mb. at 7 h., 986·5 mb. at 13 h. 985·7 mb. at 18 h., and 986·3 mb. at 21 h.

** Station transferred to Alness, March 24th, 1943.

TABLE IV (*continued*)—**Summary of Observations at fixed hours** JULY, 1943

District, County and Place		Hour of Observation	Height of Barometer above Mean Sea Level	Mean Pressure		Temperature and Humidity				Cloud Amount						Visibility										Wind, Number of Observations									
											No. of Observations					Number of Observations											Force (0-12)					Direction				
																Fog				Mist	Poor Vis.	Mod. Vis.	Good Visibility												
				At Mean Sea Level	Difference from Average	Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	Mean Amount	0	1 to 3	4 to 6	7 to 9	10	0	1	2	3	4	5	6	7	8	9	8 or more	6 to 7	4 to 5	1 to 3	Calm	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
		G.M.T.	ft	mb	mb	°F	°F	mb	%																										
2 ENGLAND, N.E.																																			
Northumberland	Cockle Park ..	9	331	–	–	58·7	3·0	12·8	75	7·9	0	2	5	13	11	0	0	0	0	0	2	8	0	18	3	0	0	4	21	6	2	3	1	3	0	4	8	4
		21	331	–	–	54·3	2·2	12·3	85	7·4	0	5	4	11	11	0	0	0	0	2	1	14	0	11	3	0	0	2	16	13	1	1	1	2	1	2	4	6
		1	435	1015·7	–	51·1	1·2	11·8	91	6·6	2	6	3	9	11	0	0	0	1	3	4	10	8	4	1	0	0	3	24	4	5	1	1	3	2	1	3	2
		7	435	1015·3	–	54·1	2·3	12·2	85	7·6	2	5	1	10	13	0	0	0	0	2	3	3	11	10		0	0	1	5	23	2	4	2	2	1	3	4	12	1
	Ouston	13	435	1014·7	–	62·4	6·4	12·6	66	7·1	2	3	4	15	7	0	0	0	0	1	0	6	10	8		0	1	6	24	0	3	4	5	1	1	2	11	4	0
		18	435	1014·6	–	60·3	4·8	13·0	72	6·8	1	6	5	12	7	0	0	0	0	0	2	8	6	13		0	1	6	23	1	1	4	7	1	1	3	13	4	0
		1	122	1016·1	–	55·2	2·4	12·5	84	6·5	3	6	2	16	4	0	0	0	0	0	1	5	25	0		0	1	4	23	3	9	2	1	1	5	1	4	5	2
	Tynemouth	7	122	1015·9	+1·9	56·0	3·1	12·3	80	7·5	1	5	1	18	6	0	0	0	0	5	3	4	16	3		0	0	7	24	0	7	2	1	0	3	6	10	2	0
		13	122	1016·0	–	60·0	4·8	12·7	72	6·7	2	3	7	18	1	0	0	0	0	0	1	6	17	7		0	1	12	18	0	6	4	4	4	7	5	3	1	0
		18	122	1015·5	–	59·7	4·6	12·8	73	6·6	1	4	10	15	1	0	0	0	0	0	0	6	19	6		0	2	9	19	1	4	6	4	5	3	1	6	6	1
Durham	Durham	9	352	1014·2	−0·1	59·2	–	–	–	6·7	3	2	10	5	11	0	0	0	0	0	1	18	7	5		0	0	1	3	23	4	2	5	2	0	4	5	7	2	1
		21	352	1014·5	–	55·4	–	–	–	7·0	0	4	9	8	10	0	0	0	0	0	0	23	6	2		0	0	0	16	15	3	0	0	0	5	4	1	3
Yorks., N. Riding	*Catterick .. H	1	181	1016·2	–	52·8	1·3	12·6	92	7·2	2	3	4	12	10	0	0	0	1	3	4	9	9	5		0	0	0	23	8	4	3	1	2	2	3	4	4	1
		7	181	1015·8	–	55·1	2·4	12·6	85	7·7	2	3	3	10	13	0	0	0	1	1	5	7	6	8		0	0	3	22	6	6	4	0	2	2	6	2	4	3
		13	181	1015·1	–	65·5	7·9	12·9	61	7·0	2	3	5	14	7	0	0	0	0	0	2	11	4	11		0	0	5	24	2	5	6	0	2	5	6	4	1	3
		18	181	1014·8	–	63·4	6·1	13·6	68	6·8	2	2	7	15	5	0	0	0	0	3	3	7	5	12		0	0	7	24	0	6	9	1	2	2	4	4	3	1
		1	47	1015·8	–	53·5	1·6	12·6	90	5·8	4	9	1	9	8	0	0	0	0	1	1	13	10	6		0	0	0	23	8	2	1	0	2	3	1	7	7	9
		7	47	1015·6	–	55·9	2·2	13·2	86	7·0	2	5	4	9	11	0	0	0	0	2	1	13	3	11		0	0	4	20	7	3	1	0	2	3	3	6	3	9
	Linton-on-Ouse ..	13	47	1015·0	–	68·0	7·8	14·5	63	6·5	4	3	5	14	5	0	0	0	0	0	1	12	6	9		0	2	7	20	2	5	0	1	3	4	5	8	3	2
		18	47	1014·6	–	65·3	6·7	14·1	66	6·6	1	5	8	12	5	0	0	0	0	0	0	10	2	12		0	0	7	21	3	4	2	3	5	1	4	8	2	0
	Scarborough ..	9	96	1015·1	+0·6	60·8	4·3	13·7	76	5·9	2	9	4	14	3	0	1	0	0	0	1	11	15	4		0	1	12	18	0	2	0	1	1	4	6	10	3	0
		1	60	1015·5	–	54·0	2·0	12·5	87	6·4	5	4	4	7	11	0	0	0	2	7	4	8	4	6		0	0	4	23	4	5	1	1	4	7	6	4	3	1
	Thornaby	7	60	1015·2	–	55·9	3·0	12·4	80	7·3	1	7	0	12	11	0	0	0	1	1	3	13	3	9		0	0	5	22	4	7	1	1	0	6	9	2	1	1
		13	60	1014·8	–	64·9	7·7	12·7	61	7·1	2	2	4	17	6	0	0	0	1	1	4	9	4	10		0	0	9	22	0	7	6	2	0	5	7	3	1	0
		18	60	1014·4	–	62·6	6·3	12·8	67	6·9	2	4	5	13	7	0	0	0	0	2	2	11	3	6		0	1	5	24	1	10	5	1	3	2	4	5	0	0
	York	9	53	1016·1	+1·2	62·0	5·8	12·9	68	7·0	3	4	4	9	11	–	–	–	–	–	–	–	–	–		0	0	4	27	0	4	3	2	2	3	7	4	6	0
		1	70	1015·9	–	53·4	1·8	12·4	88	6·0	1	10	4	7	9	0	0	0	0	2	3	13	10	3		0	0	2	26	3	3	3	1	0	2	5	5	4	0
Yorks., E. Riding		7	70	1015·7	–	56·6	2·9	12·9	82	7·4	0	6	3	11	11	0	1	0	0	0	0	14	4	12		0	0	6	21	4	5	4	0	1	3	4	6	4	0
	Driffield	13	70	1015·2	–	66·1	8·3	12·9	60	6·9	1	6	3	14	7	0	0	0	0	0	1	8	6	16		0	2	8	21	0	4	4	5	0	3	8	4	3	
		18	70	1015·0	–	62·5	6·1	13·0	68	6·1	2	7	5	12	5	0	0	0	0	0	0	6	8	17		0	0	6	25	0	6	3	7	3	3	2	6	4	1
		1	57	1016·1	–	57·1	2·4	13·5	85	6·2	6	4	4	6	11	0	0	0	0	0	2	5	24	0		0	0	14	17	0	5	3	1	3	4	2	10	4	5
		7	57	1015·9	+1·4	57·5	2·5	13·7	85	7·6	3	1	3	14	10	0	0	0	0	0	1	10	18	2		0	2	13	16	0	5	3	2	2	3	5	4	7	1
	Spurn Head ..	13	57	1015·9	–	62·2	4·8	14·0	73	7·2	2	3	3	16	7	0	0	0	0	0	2	7	16	6		0	2	17	12	0	5	5	3	8	0	5	4	4	2
		18	57	1015·3	–	60·5	4·0	13·8	76	6·3	4	3	5	13	6	0	0	0	0	0	2	7	16	5		0	2	14	15	0	5	4	1	12	1	2	4	2	0
		1	208	1016·3	–	55·1	1·6	13·3	89	5·6	7	4	4	5	11	0	0	0	0	1	2	13	9	6		0	0	6	21	4	1	6	3	2	0	4	9	2	3
		7	208	1016·1	–	56·6	2·1	13·7	87	6·8	2	5	5	11	8	0	0	0	1	0	3	15	6	6		0	0	6	23	2	4	3	4	0	1	3	11	8	3
Lincoln	Cranwell .. H	13	208	1015·5	–	67·5	8·1	13·8	63	7·0	1	6	4	10	10	0	0	0	0	0	0	5	14	12		0	0	9	22	0	4	3	4	1	3	6	8	2	0
		18	208	1014·8	–	65·9	7·2	13·9	66	5·9	4	6	4	11	6	0	0	0	0	0	1	3	13	12		0	0	10	21	0	3	6	2	5	2	3	7	3	
3 ENGLAND, E.																																			
Norfolk	Cromer .. H	9	74	1015·9	–	59·8	3·2	14·5	83	5·5	8	0	7	8	8	0	0	0	0	0	0	30	1	0		0	0	6	24	1	3	2	2	3	7	2	4	7	
		1	26	1016·1	–	57·9	2·4	14·0	85	5·5	7	6	3	6	9	0	0	0	0	0	0	7	24	0		0	0	10	20	1	5	3	1	1	2	8	7	3	
		7	26	1016·1	+1·1	57·8	2·3	14·0	86	6·9	1	4	6	12	8	0	0	0	0	0	0	7	24	0		0	0	10	21	0	4	4	2	1	1	3	8	8	
	Yarmouth.. ..	13	26	1016·0	–	63·4	5·8	13·6	68	6·4	4	4	4	13	6	0	0	0	0	0	0	3	28	0		0	1	13	17	0	4	7	3	5	1	5	3	3	
		18	26	1015·4	–	63·2	4·2	15·2	76	6·8	6	0	4	14	7	0	0	0	0	0	0	5	25	1		0	0	12	19	0	6	6	2	3	1	5	1	1	5
		7	16	1016·4	–	59·6	1·8	15·8	89	6·7	3	5	2	15	6	0	0	0	0	1	1	2	7	13		0	0	9	22	0	5	3	2	2	3	1	5	7	5
Suffolk	Felixstowe Airfield	13	16	1016·2	–	67·4	5·3	16·4	74	6·6	2	4	6	13	6	0	0	0	0	0	0	2	13	16		0	0	1	16	14	0	2	6	2	5	6	5	3	2
		18	16	1015·4	–	64·7	3·3	17·3	82	6·4	4	4	3	16	4	0	0	0	0	0	0	2	8	21		0	0	0	15	16	0	4	4	6	4	2	6	1	0
		1	405	1016·9	–	55·1	1·6	13·5	90	4·7	8	6	5	5	7	0	0	0	1	1	3	13	8	5		0	0	2	27	2	2	6	1	4	2	10	4	0	1
	Stradishall ..	7	405	1016·8	–	57·5	2·5	13·8	85	6·0	4	7	2	8	10	0	1	0	0	2	5	14	6	3		0	0	5	23	3	4	4	1	3	3	7	5	1	1
		13	405	1016·0	–	68·6	8·8	13·8	59	7·0	1	4	4	17	5	0	0	0	0	2	1	7	5	17		0	0	1	8	21	1	3	2	4	2	5	7	6	1
		18	405	1015·4	–	66·5	7·5	13·9	64	6·5	3	4	3	18	3	0	0	0	0	0	0	10	7	14		0	0	10	20	1	4	5	4	3	4	6	3	4	0
		1	40	1016·3	–	55·8	2·0	13·4	87	4·8	8	7	4	4	8	0	0	0	0	1	0	13	7	10		0	0	3	27	1	2	6	2	4	3	7	6	4	0
	Mildenhall H	7	40	1016·4	–	57·9	2·6	13·9	84	6·9	2	5	4	11	9	0	0	0	0	1	0	10	8	12		0	1	6	23	1	4	3	1	2	1	8	6	4	1
		13	40	1015·8	–	69·3	9·3	13·7	57	7·2	1	5	3	15	7	0	0	0	0	0	0	2	5	24		0	1	11	18	1	2	5	1	0	3	7	7	5	
		18	40	1014·9	–	68·1	8·4	13·9	61	6·1	2	7	5	14	3	0	0	0	0	0	0	2	6	21		0	0	12	18	1	7	4	1	3	1	5	6	3	4
Cambridge	Cambridge .. H	9	43	1017·2	+1·7	63·7	5·4	14·4	71	6·2	6	4	1	10	10	–	–	–	–	–	–	–	–	–		0	0	6	21	4	6	4	2	0	3	6	2	4	2
		21	43	1016·7	–	61·7	4·3	14·4	76	5·2	8	5	3	6	9	–	–	–	–	–	–	–	–	–		0	0	2	26	3	3	7	1	2	1	8	4	2	0
		1	519	1016·9	–	53·9	1·4	12·9	91	4·9	4	13	1	3	10	0	0	0	0	0	2	16	13	0		0	0	0	8	21	2	1	7	1	2	1	13	4	2
		7	519	1016·7	–	56·6	2·1	13·4	87	7·2	4	2	3	5	17	0	0	0	1	2	5	13	9	1		0	0	0	11	19	1	5	4	1	4	0	11	3	2
Bedford	Dunstable H	13	519	1015·9	–	56·9	9·2	13·4	62	6·6	1	6	6	12	4	0	0	0	0	0	2	10	10	9		0	0	0	15	16	0	3	5	1	2	4	7	3	4
		18	519	1015·2	–	66·8	8·6	13·9	61	5·7	1	9	7	6	8	0	0	0	0	0	1	8	14	8		0	0	1	15	14	1	1	7	1	3	1	10	3	4
Hertford	Rothamsted ..	9	396	1016·3	+0·9	62·3	5·3	13·5	70	6·0	1	10	4	8	8	0	0	0	0	0	1	30	0	0		0	–	–	–	–	1	1	6	2	3	3	6	5	4
		7	12	1017·1	–	60·4	3·1	14·8	82	6·2	4	5	6	7	9	0	0	0	0	1	4	7	13	6		0	0	0	5	23	3	6	4	1	2	0	3	8	4
Essex	Shoeburyness H	13	12	1016·7	–	67·6	6·8	15·4	67	6·4	3	6	4	10	8	0	0	0	0	0	1	7	7	16		0	0	0	11	20	0	3	4	5	4	4	7	2	2
		18	12	1015·9	–	65·9	5·4	15·7	72	6·1	3	4	7	14	3	0	0	0	0	0	1	5	8	16		1	0	0	12	19	0	2	5	5	4	2	9	2	2
4 MIDLAND COUNTIES																																			
Yorks., W.R.	Finningley ..	1	55	1016·1	–	54·3	1·2	13·5	93	5·5	5	8	3	5	10	0	0	0	1	0	3	20	7	0		0	0	2	23	6	4	2	2	0	3	3	6	5	
		7	55	1015·9	–	56·3	2·1	13·6	87	7·0	5	4	0	11	11	0	0	0	1	0	3	4	16	6	1	0	0	0	2	22	7	7	3	1	0	3	6	2	4
		13	55	1015·2	–	59·0	8·1	14·9	63	6·7	3	2	8	10	8	0	0	0	0	0	1	10	13	7	6	1	0	1	8	21	1	4	4	2	3	3	4	6	4
		18	55	1014·5	–	58·3	7·7	14·7	63	5·7	4	6	4	6	9	0	0	0	0	0	1	5	18	6	1	0	0	0	10	21	0	4	3	5	5	1	3	8	2
	Harrogate ..	9	478	1015·4	+0·8	60·5	5·3	12·5	69	6·8	3	4	4	11	9	0	0	0	0	0	7	6	3	11	4	0	1	3	27	0	9	3	1	4	2	4	8	2	0
Nottingham	Nottingham ..	9	215	1015·3	+0·1	60·8	4·9	13·1	73	6·4	3	6	5	5	12	0	0	0	0	4	6	15	6	0		0	0	1	4	26	0	1	8	1	0	2	9	9	1
		7	542	1016·5	+0·9	56·2	2·6	13·0	84	7·2	4	2	3	12	10	0	0	0	1	0	4	4	5	10		0	0	0	10	19	2	1	5	2	1	3	8	3	3
Warwick	Birmingham H	13	542	1015·7	–	66·1	8·4	12·8	60	6·5	2	5	4	13	6	0	0	0	0	1	0	6	8	16		0	0	0	13	18	0	3	4	2	3	1	7	5	4
		18	542	1014·9	–	67·1	8·8	12·8	57	6·1	2	8	4	12	5	0	0	0	0	0	1	5	2	24		0	0	0	15	16	0	3	2	4	2	3	1	2	7
		1	431	1016·8	–	55·1	1·6	13·4	89	5·7	4	7	5	6	9	0	0	0	0	2	3	9	11	6		0	0	0	5	25	1	2	3	6	7	2	1	3	7
	Honiley	7	431	1016·6	–	55·8	1·8	13·5	88	5·3	1	2	1	15	12	0	0	0	0	4	4	10	4	7		0	0	0	6	23	2	2	3	4	2	4	10	3	1
		13	431	1015·6	–	67·2	8·4	13·7	62	6·4	0	8	6	9	8	0	0	0	0	0	2	8	13	7		0	0	0	14	15	2	3	6	5	3	2	7	1	3
		18	431	1014·9	–	67·6	8·8	13·8	60	5·9	1	9	4	13	4	0	0	0	0	0	2	5	9	14		0	0	10	20	1	2	5	2	0	3	6	3	3	

* At Scorton from March 9th.

TABLE IV (*continued*)—Summary of Observations at fixed hours JULY, 1943

DISTRICT, COUNTY AND PLACE	Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE: At Mean Sea Level	MEAN PRESSURE: Difference from Average	TEMPERATURE AND HUMIDITY: Dry Bulb	TEMPERATURE AND HUMIDITY: Depression of Wet Bulb	TEMPERATURE AND HUMIDITY: Vapour Pressure	TEMPERATURE AND HUMIDITY: Relative Humidity	CLOUD AMOUNT: Mean Amount	CLOUD AMOUNT: No. of Observations: 0	1 to 3	4 to 6	7 to 9	10	VISIBILITY: Number of Observations: Fog: 0	1	2	3	Mist Poor Vis. 4	5	Mod. Vis. 6	Good Visibility: 7	8	9	WIND, NUMBER OF OBSERVATIONS: FORCE (0-12): 8 or more	6 to 7	4 to 5	1 to 3	Calm	DIRECTION: N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
	G.M.T.	ft	mb	mb	°F	°F	mb	%																													
4 MIDLAND COUNTIES—*cont.*																																					
Oxford	Oxford	9	212	1016·6	+0·5	63·4	6·3	13·1	66	6·5	3	6	3	5	14	0	0	0	0	1	3	11	9	7	0	0	0	7	24	0	5	7	1	2	2	9	4	1
		1	243	1016·6	–	55·3	1·8	13·3	90	5·5	5	7	4	4	11	0	0	0	1	0	5	9	9	7	0	0	0	4	25	2	2	6	4	3	0	1	7	3
	Upper Heyford ..	7	243	1016·4	–	56·4	2·1	13·6	88	8·3	2	1	1	13	14	0	1	0	1	1	5	7	10	5	1	0	0	7	21	3	3	6	4	1	0	10	2	2
		13	243	1015·6	–	68·3	8·8	13·6	59	6·9	1	4	6	13	7	0	0	0	0	0	2	7	8	11	3	0	0	11	20	0	3	5	4	0	4	6	6	3
		18	243	1014·8	–	68·9	9·1	13·8	59	5·4	1	12	6	8	4	0	0	0	0	0	0	6	5	14	6	0	1	13	17	0	3	5	3	2	2	8	5	5
Shropshire	Shrewsbury H	9	186	1015·9	–	61·8	4·9	13·7	73	7·0	3	4	4	6	14	0	0	0	0	0	0	8	10	13	0	0	1	13	17	0	3	3	3	2	9	5	3
		1	295	–	–	54·9	1·7	13·2	89	5·6	7	5	4	5	10	0	0	0	0	5	4	10	3	9	0	0	0	4	21	6	3	1	4	1	5	5	5	1
	Tern Hill	7	295	–	–	55·8	2·1	13·2	87	7·2	5	2	1	12	11	0	0	1	1	2	2	10	4	7	4	0	0	4	26	1	3	1	3	2	3	7	3	3
		13	295	–	–	66·9	7·9	13·7	62	6·9	2	4	3	18	4	0	0	0	0	0	2	9	6	3	11	0	0	13	16	2	5	2	2	1	5	3	5	5
		18	295	–	–	66·7	7·8	13·7	62	5·4	1	11	4	12	3	0	0	0	0	0	0	9	7	4	11	0	0	8	22	1	3	3	5	0	2	5	8	4
		7	226	1016·4	+0·7	56·8	2·3	13·5	85	7·2	2	6	1	9	13	0	0	0	2	2	2	7	11	7	0	0	0	5	26	0	0	7	4	0	2	12	5	1
Hereford	Ross-on-Wye H	13	226	1015·6	–	67·7	7·8	14·3	63	6·7	0	6	7	10	8	0	0	0	0	0	3	5	9	10	4	0	0	12	19	0	0	4	3	2	1	8	9	3
		18	226	1015·0	–	68·2	8·5	13·9	59	5·1	2	12	3	11	3	0	0	0	0	0	0	4	6	17	4	0	0	12	19	0	2	4	3	2	1	8	8	3
Gloucester	Cheltenham H	9	230	1016·6	+0·8	63·7	5·6	13·9	70	7·7	0	2	6	13	10	0	0	0	0	0	0	0	18	13	0	0	0	0	29	2	5	2	1	0	2	3	10	5
		21	230	1016·7	–	62·6	4·5	14·4	75	5·1	9	1	7	11	3	0	0	0	0	0	0	17	14	0	0	0	0	24	7	2	3	3	0	1	2	2	10	4
5 ENGLAND, S.E.																																					
		9	152	1016·5	+0·4	64·7	6·6	13·8	66	7·1	2	4	4	11	10	0	0	0	0	0	1	15	8	7	0	0	0	12	13	6	2	5	3	1	1	7	5	1
London	Greenwich .. H	15	152	1015·5	–	70·6	10·1	13·7	55	7·0	1	5	4	12	9	–	–	–	–	–	–	–	–	–	–	0	0	15	10	6	4	2	4	1	1	7	4	2
		21	152	1015·9	–	62·6	4·6	14·6	75	6·5	1	8	3	8	11	–	–	–	–	–	–	–	–	–	–	0	0	9	21	1	3	5	4	0	2	8	4	4
		h.*	152	1016·1	+0·3	63·5																															
		7	34	1016·8	+0·6	59·5	3·6	13·7	79	7·4	2	5	2	11	11	0	0	0	0	0	2	16	7	6	0	0	0	4	25	2	4	6	3	0	2	8	3	3
	Kew Obs'y. H	13	34	1016·1	–	68·3	8·7	13·5	59	7·5	1	4	0	19	7	0	0	0	0	0	0	7	9	15	0	0	0	10	20	1	4	4	3	2	3	6	4	4
		18	34	1015·2	–	69·4	9·0	13·9	58	6·8	1	6	5	16	3	0	0	0	0	0	0	8	8	15	0	0	1	10	20	0	4	3	3	1	4	8	5	3
		21	34	1016·1	–	63·2	4·9	14·1	73	6·8	1	6	3	14	7	0	0	0	0	0	2	5	15	9	0	0	0	4	26	1	4	5	3	0	2	11	3	2
		h.*	34	1016·2	+0·3	63·4	5·7	14·0	71																												
		9	66	–	–	64·2	5·6	14·3	70	6·2	1	7	5	17	1	–	–	–	–	–	–	–	–	–	–	0	1	8	22	0	2	6	3	4	1	8	4	3
	Kensington.. ..	15	66	–	–	70·7	9·0	14·8	58	5·8	1	8	6	16	0	–	–	–	–	–	–	–	–	–	–	0	2	8	21	0	1	5	2	4	1	8	5	5
		18	66	–	–	70·2	8·5	15·0	59	5·7	1	5	13	12	0	–	–	–	–	–	–	–	–	–	–	0	2	8	23	0	3	3	4	3	1	7	4	6
		1	225	1017·5	–	57·5	2·2	14·1	87	4·9	7	8	2	4	10	0	0	0	0	4	3	13	7	4	0	0	0	4	22	5	1	6	2	1	5	5	4	1
Surrey	Croydon .. H	7	225	1017·5	–	59·8	3·4	14·1	80	7·7	2	3	3	11	12	0	0	0	1	3	14	5	7	3	0	0	0	3	24	4	4	4	2	1	5	5	5	1
		13	225	1016·9	–	69·5	9·3	13·9	59	7·4	2	3	2	13	11	0	0	0	0	1	0	7	8	13	2	0	0	9	19	3	2	4	4	3	1	2	8	6	2
		18	225	1016·3	–	68·7	8·4	14·5	61	6·6	0	7	5	14	5	0	0	0	0	0	2	1	11	15	2	0	0	8	23	0	3	3	2	1	2	8	5	4	4
	Wisley	9	85	1016·8	–					7·6	3	1	3	14	10	0	0	0	0	0	0	18	13	0	2	0	0	28	3	0	6	5	1	4	0	1	0	2	4	7
		7	—	–	–	60·2	1·7	16·0	90	6·2	4	6	3	10	8	0	0	0	0	0	0	11	15	5	0	0	0	22	0	6	4	6	4	0	1	3	7	2
Kent	Dungeness ..	13	—	–	–	64·2	2·7	17·5	80	6·2	6	3	3	10	9	0	0	0	0	0	1	10	18	2	0	0	0	17	0	0	3	6	6	1	1	12	2	2
		18	—	–	–	63·3	1·9	17·8	85	5·6	2	7	9	4	9	0	0	0	1	0	1	9	16	4	0	0	0	8	15	0	1	2	7	3	1	5	7	4
		1	345	1016·9	–	56·0	1·3	14·2	92	4·5	7	9	3	7	5	0	0	0	0	0	3	15	8	5	0	0	0	7	22	2	4	6	3	1	0	3	6	4
	Lympne .. H	7	345	1016·8	+0·6	59·9	3·0	14·6	83	5·7	3	8	3	9	8	0	0	0	0	1	4	13	5	8	0	0	0	9	21	1	7	5	4	1	0	4	5	4
		13	345	1016·6	–	65·9	6·2	14·9	69	6·6	3	5	4	9	10	0	0	0	0	0	0	9	7	14	1	0	1	15	15	0	3	5	2	5	3	10	2	1
		18	345	1015·9	–	63·6	4·8	15·0	75	5·7	2	10	3	8	8	0	0	0	0	1	2	7	5	15	1	0	0	14	17	0	2	6	2	2	2	8	5	1
		1	156	1016·5	–	57·4	1·7	14·6	90	5·1	4	11	3	5	8	0	1	0	0	1	3	11	14	1	0	0	0	4	23	4	3	6	2	2	2	8	3	1
	Manston .. H	7	156	1016·5	–	60·1	2·9	14·8	83	6·7	2	6	4	9	10	0	0	0	0	0	2	16	6	7	0	0	0	5	25	1	5	4	4	2	1	5	6	3
		13	156	1016·4	–	66·5	6·8	14·7	67	6·9	2	7	2	9	11	0	0	0	0	0	2	6	11	12	0	0	0	10	21	0	3	7	4	4	2	6	2	3
		18	156	1015·6	–	64·4	5·2	15·0	73	6·5	3	5	3	14	6	0	0	0	0	0	1	7	9	13	1	0	0	13	18	0	2	6	4	4	3	6	2	2
	Tunbridge Wells ..	9	407	1016·7	+0·3	62·8	4·4	14·8	76	5·9	3	4	9	7	8	0	0	0	0	0	1	3	9	18	0	0	1	9	21	0	5	8	2	1	0	4	5	6
Sussex	Hastings .. H	9	154	1016·7	+0·4	62·4	4·1	14·9	77	6·4	7	0	6	9	9	0	0	0	0	1	9	11	0	10	0	0	1	7	21	2	3	8	2	2	1	10	0	3
		1	10	1016·8	–	57·4	1·6	14·5	90	5·6	2	10	4	4	11	0	1	0	0	1	1	10	7	7	0	0	1	6	18	7	2	6	2	2	0	3	8	3
	Thorney Is. ..	7	10	1016·7	–	59·5	2·1	15·2	87	7·5	1	4	4	11	11	0	0	0	0	1	2	11	9	6	2	0	0	8	17	6	3	6	4	4	0	0	4	4	4
		13	10	1016·5	–	67·8	6·3	15·9	69	7·8	1	3	5	11	11	0	0	0	0	0	2	7	7	6	9	0	0	13	18	0	2	3	4	2	2	9	3	1
		18	10	1015·7	–	66·0	5·0	16·1	74	6·2	2	6	6	11	6	0	0	0	0	0	0	4	9	6	12	0	0	10	21	0	3	3	4	2	0	6	11	5	1
Hampshire	Southampton ..	9	84	1016·9	–	64·0	4·9	14·9	73	7·1	1	2	9	10	9	0	0	0	0	1	3	12	3	15	1	0	0	12	19	0	1	9	1	4	1	9	2	4
		21	84	1016·5	–	61·9	3·3	15·4	81	5·0	2	10	8	5	6	0	0	0	0	1	3	12	3	12	0	0	1	9	21	0	0	7	1	2	2	11	1	7
		1	231	1016·9	–	56·8	2·0	13·9	88	5·3	7	7	3	3	11	0	0	0	0	0	2	8	9	12	0	0	0	4	23	4	2	8	1	1	2	3	10	2
	S. Farnborough H	7	231	1016·8	+0·7	58·1	2·4	14·2	85	7·5	2	4	4	10	11	0	0	0	1	0	5	10	4	11	0	0	0	6	23	4	2	8	2	1	1	7	6	2
		13	231	1015·9	–	69·8	8·9	14·3	60	7·0	1	4	6	14	6	0	0	0	0	0	0	9	6	15	0	0	0	9	22	0	3	3	3	4	1	5	6	3
		18	231	1015·2	–	68·6	7·9	14·7	62	6·3	0	10	2	14	5	0	0	0	0	0	1	5	6	18	1	0	0	8	23	0	4	3	4	0	4	6	7	3
I. of Wight	Ventnor (Hosp.)	9	80	–	–	62·6	3·4	15·8	81	7·3	2	4	5	7	13	–	–	–	–	–	–	–	–	–	–	0	0	16	15	0	1	3	7	3	1	3	9	4
		15	80	–	–	65·4	4·3	16·6	77	5·8	2	8	7	7	7	–	–	–	–	–	–	–	–	–	–	0	1	13	17	0	2	1	0	4	0	5	5	0
		1	420	1017·1	–	55·3	1·4	13·6	90	5·4	5	9	2	3	12	0	2	0	3	0	0	8	12	6	0	0	0	2	17	12	1	3	4	0	2	2	4	2
Wiltshire	Amesbury H	7	420	1017·0	–	57·2	1·8	14·2	88	7·9	1	2	6	10	12	0	0	1	0	0	2	6	14	6	0	0	0	6	17	8	3	5	1	2	1	6	2	3
	(Boscombe Down)	13	420	1016·2	–	67·8	7·9	14·3	63	7·3	1	5	2	15	8	0	0	0	0	0	0	4	15	11	1	0	1	10	19	1	3	6	3	0	3	8	3	4
		18	420	1015·6	–	67·6	8·1	13·9	61	5·9	2	5	10	9	5	0	0	0	0	0	1	4	11	10	5	0	0	10	18	3	1	4	3	1	2	7	5	7
		9	444	1016·7	–	61·7	4·4	14·2	76	7·5	2	3	2	14	10	0	0	0	0	0	0	15	10	6	0	0	0	10	18	3	0	9	2	3	1	6	5	3
	Larkhill .. .. H	13	444	1015·7	–	67·2	7·3	14·3	64	6·9	2	4	7	9	9	0	0	0	0	0	0	13	7	11	0	0	0	16	13	2	2	6	2	3	0	5	9	2
		15	444	1015·6	–	68·9	8·9	14·0	59	6·3	2	5	8	9	7	0	0	0	0	0	0	11	10	9	1	0	1	13	15	2	2	4	2	2	1	7	10	1
7a ENGLAND, N.W.																																					
Lancashire	Hutton	9	86	1014·9	+0·4	61·3	3·5	14·8	80	6·8	3	3	5	16	4	–	–	–	–	–	–	–	–	–	–	0	1	1	25	4	1	5	4	2	3	8	2	2
	Manchester	9	127	1015·5	+0·5	62·3	5·0	13·9	72	6·3	7	2	3	9	10	–	–	–	–	–	–	–	–	–	–	0	2	4	25	3	3	3	5	2	2	6	3	5
	(Whitworth Pk.)	21	127	1015·2	–	60·5	3·7	14·1	78	4·6	4	11	5	7	4	–	–	–	–	–	–	–	–	–	–	0	0	4	24	3	1	3	3	1	3	3	3	5
	Southport †H	9	37	1015·9	+0·5	61·0	4·4	13·9	75	7·2	1	6	3	9	12	0	0	0	1	2	3	15	4	6	0	1	0	9	19	2	0	1	1	6	1	3	9	3
	(Bedford Rd. Park)	15	37	1015·4	–	66·1	7·3	13·9	64	5·0	0	10	12	6	3	0	0	0	0	1	0	12	5	8	2	–	–	–	–	–	5	1	1	5	2	3	3
		21	37	1015·3	–	59·4	3·4	13·9	79	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	–	–	–	–	4	1	1	5	2	2	9	7	7
	Stonyhurst ..	9	381	1015·8	+0·6	59·7	4·3	13·1	75	7·3	4	1	3	12	11	0	0	0	0	2	1	14	8	6	0	0	0	2	25	5	3	6	4	1	2	0	5	1
		21	381	1015·4	–	57·8	3·1	13·3	81	5·5	5	5	7	8	6	0	0	0	1	1	0	13	5	12	0	0	0	1	25	4	4	4	1	0	0	5	3	3
Cheshire	Bidston Obs'y. ..	9	202	1015·8	+0·6	60·5	4·9	12·9	72	7·5	1	3	4	12	11	0	0	0	0	1	11	8	4	6	0	1	0	10	19	1	6	0	1	7	4	0	3	8
		1	261	1016·1	–	54·0	1·8	12·8	90	5·8	5	6	3	9	8	0	0	0	2	0	1	5	12	10	1	0	0	0	3	23	5	0	3	2	1	7	6	2
	Manchester H	7	261	1015·9	–	56·2	2·3	13·2	85	6·4	3	6	2	16	4	0	0	0	1	3	3	13	5	5	1	0	0	0	7	18	6	1	0	2	1	4	7	6
	(Ringway)	13	261	1015·5	–	55·9	7·1	14·1	65	6·0	2	7	4	13	5	0	0	0	0	0	0	11	9	8	2	0	1	13	16	1	0	2	1	4	3	7	8	2
		18	261	1014·8	–	55·6	7·3	13·5	63	5·4	1	11	4	12	3	0	0	0	0	0	0	10	5	12	4	0	0	15	15	1	3	1	2	3	2	5	6	8
7b NORTH WALES																																					
		1	19	1016·1	–	54·5	1·9	12·7	87	5·0	5	7	4	11	4	0	0	1	0	6	4	11	4	5	0	0	1	0	12	18	3	0	0	1	3	3	2	1
Flint	Sealand .. H	7	19	1015·8	–	56·9	2·6	13·2	83	6·8	3	4	4	11	9	0	0	0	1	5	5	11	2	6	1	0	0	2	12	17	2	1	0	1	3	4	3	2
		13	19	1015·3	–	57·2	8·0	13·9	61	6·5	1	4	7	15	4	0	0	0	0	1	2	14	4	10	2	0	1	9	20	1	7	2	3	1	5	4	1	2
		18	19	1014·7	–	55·4	6·7	14·0	66	5·8	2	7	5	14	3	0	0	0	0	0	2	11	2	11	4	0	0	9	22	0	6	1	3	1	4	3	4	9

†Visibility at Hesketh Park (at 9h. and 15h.); wind at Marshside. * Mean of hourly readings.

TABLE IV (*continued*)—Summary of Observations at fixed hours JULY, 1943

DISTRICT, COUNTY AND PLACE		Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE: At Mean Sea Level	MEAN PRESSURE: Difference from Average	TEMPERATURE AND HUMIDITY: Dry Bulb	TEMPERATURE AND HUMIDITY: Depression of Wet Bulb	TEMPERATURE AND HUMIDITY: Vapour Pressure	TEMPERATURE AND HUMIDITY: Relative Humidity	CLOUD AMOUNT: Mean Amount	CLOUD AMOUNT: No. of Observations 0	1 to 3	4 to 6	7 to 9	10	VISIBILITY: Number of Observations — Fog 0	Fog 1	Fog 2	Fog 3	Mist / Poor Vis. 4	Mod. Vis. 5	Good Visibility 6	Good Visibility 7	Good Visibility 8	Good Visibility 9	WIND, NUMBER OF OBSERVATIONS — Force (0-12): 8 or more	6 to 7	4 to 5	1 to 3	Calm	Direction: N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
		G.M.T.	ft	mb	mb	°F	°F	mb	%																													
7b NORTH WALES—*cont.*																																						
Anglesey	Holyhead (Valley) H	1	34	1015·9	–	55·2	1·2	13·8	92	4·8	8	7	2	9	5	0	1	0	1	5	2	6	8	7	1	0	3	5	14	9	1	5	2	0	4	7	1	2
		7	34	1015·5	+0·6	57·7	2·0	14·3	88	7·0	2	3	5	14	7	1	0	0	0	1	1	10	5	9	4	0	4	7	16	4	1	5	3	0	4	10	1	3
		13	34	1015·7	–	64·0	5·0	14·9	74	5·9	1	8	8	10	4	0	0	0	0	0	0	8	8	11	4	0	1	11	19	0	1	4	1	1	5	9	6	4
		18	34	1015·2	–	62·5	4·0	15·0	78	5·5	4	9	2	13	3	0	0	0	0	0	1	7	6	11	6	0	2	7	20	2	1	6	2	0	3	12	3	2
Carnarvon	Llandudno ..	9	33	1015·6	–	61·0	3·9	14·2	77	6·5	3	3	5	17	3	0	0	0	0	0	1	6	9	12	3	0	1	4	26	0	0	6	3	0	4	9	8	1
8a SOUTH WALES.																																						
Cardigan	Aberporth	7	379	1016·2	–	57·6	2·2	14·0	86	6·0	3	5	8	8	7	0	0	0	0	1	0	9	13	6	2	0	0	10	15	6	1	3	2	2	6	6	3	2
		13	379	1016·1	–	62·9	4·2	15·1	77	6·0	1	8	5	13	4	0	0	0	1	0	1	5	11	4	9	0	1	12	18	0	1	5	2	2	3	4	7	7
		18	379	1015·7	–	62·0	4·3	14·4	77	5·7	0	10	9	8	4	0	1	0	0	0	0	6	11	4	9	0	1	9	21	0	2	2	3	1	2	6	9	6
Pembroke	St. Ann's Head ..	1	152	1016·5	–	57·7	1·4	14·9	92	6·0	0	12	2	11	6	0	1	0	0	0	0	3	10	17	0	0	4	5	19	3	2	6	3	1	0	3	9	4
		7	152	1016·0	+0·3	58·1	1·4	15·1	91	7·2	0	7	3	13	8	0	0	0	0	0	1	8	10	12	0	0	5	7	14	5	3	4	3	3	1	6	5	1
		13	152	1016·3	–	62·1	2·9	15·9	83	6·9	0	6	5	15	5	0	0	0	0	1	0	7	11	11	1	0	4	6	18	3	2	1	1	3	1	5	9	6
		18	152	1015·8	–	62·1	2·7	16·1	84	6·4	0	7	9	10	5	0	2	0	0	0	0	3	13	11	2	0	2	12	15	2	4	1	2	1	0	5	11	5
Radnor	Rhayader	9	—	–	–	58·8	2·0	14·9	88	7·7	1	4	3	8	15	0	0	0	0	1	0	5	11	14	0	0	0	0	31	0	0	6	0	8	3	7	4	3
Glamorgan	Cardiff	9	203	1016·6	−0·1	61·6	4·0	14·5	77	7·8	0	3	4	14	10	0	0	0	0	0	1	22	6	2	0	0	0	4	27	0	0	12	2	1	0	12	4	0
	St. Athan ..	1	147	1017·2	–	57·0	1·4	14·5	91	5·6	7	6	3	6	9	0	0	0	1	0	2	18	9	1	0	0	0	5	17	9	0	2	2	3	0	3	10	2
		7	147	1016·9	–	58·3	1·9	14·7	88	7·5	2	3	1	14	11	0	0	1	0	3	4	13	4	6	0	0	0	4	23	4	1	6	3	1	2	3	7	4
		13	147	1016·5	–	66·0	5·9	15·3	70	6·0	3	7	5	10	6	0	0	0	0	0	4	14	3	7	3	0	0	9	22	0	1	2	4	3	1	7	10	3
		18	147	1016·2	–	64·8	5·3	15·1	73	6·1	1	7	6	12	5	0	0	0	0	0	4	10	5	7	2	0	0	11	19	1	0	3	2	3	1	3	12	6
8b ENGLAND, S.W.																																						
Somerset	Bath	9	113	1016·2	+0·2	63·1	4·8	14·5	74	7·3	2	4	4	5	16	0	0	0	0	0	1	2	7	21	0	0	0	2	29	0	1	2	9	1	1	6	7	4
Dorset	Bristol (Airport) H	1	236	1017·1	–	56·7	1·3	14·5	92	5·9	6	5	2	8	10	0	0	0	0	1	3	14	6	7	0	0	0	5	20	6	0	5	1	1	1	7	9	1
		7	236	1017·0	–	57·8	1·5	14·9	91	7·8	2	2	6	9	12	0	0	0	0	0	5	11	4	11	0	0	0	3	24	4	1	5	4	1	3	7	5	1
		13	236	1016·3	–	58·5	6·5	16·3	69	7·4	1	5	5	14	6	0	0	0	0	0	1	7	4	16	3	0	0	11	20	0	3	4	2	4	2	6	9	1
		18	236	1015·7	–	57·3	6·0	16·0	71	5·6	1	10	5	12	3	0	0	0	0	0	0	3	8	17	2	0	0	12	19	0	2	4	1	1	2	4	14	3
Dorset	Holton Heath H	9	58	1016·7	–	63·9	4·6	15·4	76	7·4	1	3	6	9	12	0	0	0	0	1	5	3	16	2	4	0	0	13	15	3	4	6	3	2	1	7	2	3
		15	58	1016·1	–	58·3	6·7	16·0	69	6·3	0	7	7	13	4	0	0	0	0	1	1	6	15	7	1	0	0	13	16	2	1	3	3	3	3	9	5	2
	Portland Bill ..	1	37	1016·9	–	59·2	1·6	15·5	90	7·7	1	0	8	8	14	0	0	0	1	0	0	0	15	15	0	0	0	15	15	1	5	4	3	0	1	9	7	1
		7	37	1016·6	+0·5	59·7	2·0	15·4	88	9·4	0	0	2	5	24	0	0	0	0	1	0	1	18	11	0	0	0	16	15	0	1	9	4	0	2	7	6	2
		13	37	1016·7	–	62·1	2·0	16·8	88	8·8	0	0	4	11	16	0	0	0	0	0	0	0	14	16	0	0	0	15	16	0	0	5	6	1	2	10	6	1
		18	37	1016·0	–	61·4	1·7	16·8	90	8·7	0	0	3	13	15	0	0	0	0	3	0	0	12	16	0	0	0	15	16	0	0	3	4	1	4	11	8	0
Devon	Hartland Pt. ..	1	305	1016·0	–	58·9	2·3	14·2	84	5·1	6	6	6	5	8	0	0	0	0	0	3	7	10	11	0	0	2	9	20	0	3	9	2	1	2	2	7	5
		7	305	1015·6	–	58·4	1·8	14·8	89	6·9	2	5	2	14	8	0	1	0	1	0	1	8	8	12	0	0	0	12	19	0	3	8	2	2	3	5	5	3
		13	305	1015·9	–	62·3	3·3	15·6	81	6·1	1	8	6	12	4	0	1	0	0	0	0	7	11	9	3	0	0	10	21	0	1	6	4	0	0	2	13	5
		18	305	1015·5	–	62·0	3·2	15·5	81	6·3	2	5	8	12	4	0	0	0	1	0	0	7	9	9	2	0	0	9	22	0	2	6	2	0	0	3	13	5
	Plymouth (Mount Batten) .. H	1	27	1017·3	–	58·6	1·3	15·5	92	6·8	3	5	3	9	11	0	0	0	1	1	7	14	2	6	0	0	2	5	21	3	0	5	6	1	1	4	7	4
		7	27	1017·0	+0·6	59·1	1·4	15·7	92	8·1	2	0	3	15	11	0	0	1	1	1	3	9	9	7	0	0	0	8	18	5	0	3	5	2	1	7	6	2
		13	27	1017·0	–	64·4	3·7	16·5	80	8·0	0	3	3	16	9	0	0	0	0	2	0	8	3	13	5	0	0	10	21	0	0	3	4	1	3	14	3	3
		18	27	1016·7	–	63·2	3·6	15·9	81	7·1	0	7	2	14	8	0	0	1	0	0	1	10	3	12	4	0	0	13	18	0	1	2	3	1	4	11	4	5
Cornwall	The Lizard ..	1	240	1017·1	–	58·1	1·1	15·4	93	6·6	4	3	7	7	10	0	0	2	0	0	1	4	2	15	0	0	1	10	15	5	5	4	2	0	1	2	6	6
		7	240	1016·4	–	58·9	0·8	16·2	95	7·9	2	0	5	13	11	0	0	3	3	0	2	4	5	14	0	0	2	9	17	3	5	5	1	2	0	4	9	2
		13	240	1016·8	–	63·5	3·0	16·7	84	7·3	0	2	11	7	11	0	0	0	2	2	2	5	5	15	0	0	2	12	14	3	0	2	5	1	3	6	6	5
		18	240	1016·4	–	62·9	3·0	16·3	83	6·7	0	2	13	10	6	0	0	0	1	0	3	2	4	21	0	0	3	10	17	1	4	3	2	1	1	4	11	4
	Newquay ..	9	185	1016·0	−0·4	62·7	3·0	16·2	84	8·0	2	3	1	8	17	0	0	0	0	0	3	6	8	12	2	0	2	17	12	0	9	1	1	3	3	2	8	4
NORTHERN IRELAND																																						
Antrim	Aldergrove H	1	271	1015·2	–	53·4	1·7	12·4	89	4·8	8	5	6	5	7	0	1	0	0	0	3	11	7	7	2	0	0	2	21	8	0	2	2	2	6	4	4	3
		7	271	1014·8	–	55·6	2·1	13·1	87	7·1	2	4	5	12	8	0	0	0	0	0	2	10	6	6	7	0	0	4	20	7	0	1	4	2	3	7	4	3
		13	271	1014·7	–	53·5	5·8	13·9	70	7·0	1	4	5	16	5	0	0	0	0	0	0	6	8	6	11	0	0	7	22	2	0	2	4	2	3	5	9	4
		18	271	1014·3	–	52·9	5·5	13·8	70	6·4	2	6	4	15	4	0	0	0	0	0	0	11	2	8	10	0	0	7	23	1	1	3	3	3	4	5	2	9
Armagh	Armagh .. H	9	209	1015·1	+0·7	60·3	4·4	13·5	76	7·5	0	5	3	16	7	0	0	0	0	0	0	1	10	20	0	0	1	6	24	0	1	8	1	1	6	4	6	4
		21	209	1014·8	–	57·8	2·9	13·5	82	6·6	5	3	2	12	9	0	0	0	0	0	0	2	9	20	0	0	0	5	26	0	2	3	5	0	8	6	4	3
Scilly	St. Mary's	1	199	1017·1	–	58·1	1·3	15·2	92	5·7	7	5	2	9	8	0	0	1	0	0	2	9	8	11	0	0	1	12	17	1	7	3	3	2	0	8	3	4
		7	199	1016·5	−0·1	58·7	1·3	14·2	84	7·4	2	3	4	15	7	0	0	0	0	0	0	13	6	12	0	0	1	11	15	4	4	4	2	2	1	6	3	5
		13	199	1016·8	–	54·3	4·2	15·9	77	7·7	2	3	2	12	12	0	0	0	0	0	2	8	2	10	2	0	0	16	15	0	4	6	3	3	2	5	4	4
		18	199	1016·6	–	52·7	3·4	15·7	81	6·9	3	4	3	14	7	0	0	0	0	0	0	9	11	9	2	0	1	13	17	0	6	4	4	0	2	7	7	1
GIBRALTAR	H	1	400	1016·4	–	68·7	3·4	19·8	83	2·7	13	7	4	6	1	0	0	0	0	0	0	0	1	16	14	0	4	15	12	0	0	6	6	0	0	2	15	2
		7	400	1016·5	–	69·7	4·0	19·8	80	4·5	5	8	7	11	0	0	0	0	0	0	0	0	11	17	3	0	3	12	15	1	1	8	6	0	0	1	14	0
		13	400	1016·5	–	75·8	8·4	19·6	65	3·3	5	14	7	5	0	0	0	0	0	0	0	0	6	18	7	0	4	16	11	0	0	6	7	0	1	5	12	0
		18	400	1015·2	–	72·8	5·6	20·3	74	3·2	7	13	2	9	0	0	0	0	0	1	0	0	5	16	9	0	4	19	8	0	0	5	6	0	0	9	11	0
MALTA	H	1	234	1014·6	–	74·3	3·7	24·0	83	1·0	20	9	0	1	1	0	0	0	1	0	0	2	10	18	0	0	0	1	22	8	3	2	1	3	1	5	4	4
		7	234	1015·4	–	77·6	5·4	24·7	76	2·5	11	11	5	3	1	0	0	0	0	0	0	1	6	24	0	0	0	1	30	0	6	6	2	3	2	1	2	9
		13	234	1015·2	–	83·1	10·4	23·0	60	1·0	35	14	1	1	0	0	0	0	0	0	0	0	4	22	5	0	1	3	27	0	6	8	5	3	3	1	3	2
		18	234	1014·6	–	79·4	7·3	23·8	70	1·1	18	10	1	2	0	0	0	0	0	0	0	0	3	25	2	0	1	1	29	0	1	5	4	4	3	3	6	5

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M.O. 463

MONTHLY WEATHER REPORT OF THE METEOROLOGICAL OFFICE

SUMMARY OF OBSERVATIONS COMPILED FROM RETURNS OF OFFICIAL STATIONS AND VOLUNTEER OBSERVERS

PUBLISHED BY HIS MAJESTY'S STATIONERY OFFICE. To be purchased directly from H.M. STATIONERY OFFICE at the following addresses: York House, Kingsway, London W.C.2; 120 George Street, Edinburgh 2; 39–41 King Street, Manchester 2; 1 St. Andrew's Crescent, Cardiff; 80 Chichester Street, Belfast: or through any bookseller.

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AUGUST, 1943.—Mainly unsettled and dull.

Broadly speaking the weather was unsettled and dull; it was wet on the whole in the west and north and dry in south-east and east England and the Midlands.

The month opened with a complex depression situated over the British Isles. This disturbance moved north-east and was associated with heavy rain locally in the north-west and north, but only scattered showers occurred in southern England. Widespread thunderstorms occurred on the 1st and local thunderstorms on the 2nd. On the 3rd a ridge of high pressure off our north-west coasts moved eastward while a depression approached south-west Ireland from the Atlantic. The latter moved east across England; rain fell on the 4th and 5th and falls were heavy locally. On the 6th and 7th a ridge of high pressure passed east over the British Isles and was closely followed by a depression which moved east across the Faeroes; associated troughs crossed the British Isles and heavy rainfall was recorded locally in the north and north-west on the 7th, and scattered rain fell on the 8th. On the 10th a shallow depression moved east over south Scotland and north England; fairly heavy rainfall was registered locally in Scotland but there was little in south-east or east England. Scattered showers occurred on the 11th in the rear of the disturbance. A ridge of high pressure was associated with a short spell of fair weather over most of England on the 12th but unsettled conditions were renewed in Ireland and Scotland with the approach of yet another Atlantic depression. The latter moved north-east over Scotland on the 13th and was associated with fairly general rain or drizzle on that day. Showers and local thunderstorms were reported on the 14th. A fair day was enjoyed over most of England with the eastward passage of a wedge of high pressure on the 15th, but a shallow trough moving in over north Ireland and north-west England brought heavy local rain later in those areas. The 16th was also a fair, sunny day in southern England and east Scotland.

Subsequently a succession of depressions moved north-east or north along our western seaboard, while associated secondary troughs crossed the British Isles. During this period the weather was fairly warm and rather unsettled with rain at times, chiefly in the north and west, and local thunderstorms. On the 20th and 21st the rainfall was more general over the country.

Showery weather, with long sunny periods, prevailed for the most part on the 22nd and 23rd. A trough of low pressure extending from north-west Ireland to south-west England on the morning of the 25th moved north-east and caused almost general rain, which was heavy locally. A complex depression covered the British Isles on the 26th and subsequently moved east: there were showers and local thunderstorms. On the 28th a deep depression was approaching our north coasts from mid-Atlantic and on the 29th a secondary off north-west Ireland moved north-east. Rain fell in most districts and was heavy in the west. The depression over north Scotland moved away east on the 30th and was followed by a wedge, which was associated with a mainly fair day in the south-east on the 31st, though unsettled conditions were re-established in the west and north.

Pressure and Wind.—Mean pressure was somewhat below the average, the deviation at 7h. ranging from —3·1 mb. at Eskdalemuir to —0·7 mb. at Plymouth. Local gales occurred on the 1st, 5th, 8th, 20th, 22nd and 30th, and at Bell Rock Lighthouse off the east coast of Scotland also on the 13th. The month was windier than the average in parts of England, notably at Totland Bay, where the total run of wind was 8116 miles, that is, 3866 miles in excess of the average. Among the highest speeds registered in gusts were 57 m.p.h. at Scilly on the 1st, 63 m.p.h. at Stornoway on the 8th, 60 m.p.h. at Eskdalemuir on the 20th and 57 m.p.h. at Bidston on the 30th.

Temperature.—Mean temperature was below the average in Scotland, slightly below in Northern Ireland and somewhat exceeded the average on the whole in England, particularly in the east, south-east and Midland districts (See Table I). It was warm on the 1st and the period 16th—20th was also warm. During these periods, temperature reached or somewhat exceeded 80°F. at a number of places in England and Wales, especially in the east and south-east. On the whole, however, there were few really warm days, particularly in the west and north. Low minima were registered on the 12th, 13th, 24th, 26th and 27th.

The extremes for the month were:—(England and Wales) 86°F. at Worcester on the 17th and at Lowestoft on the 18th, 34°F. at Santon Downham on the 12th; (Scotland) 76°F. at Fort Augustus. on the 1st, 31°F. at Braemar and Dalwhinnie on the 27th; (Northern Ireland) 71°F. at Castlerock, Garvagh and Armagh on the 17th and 41°F. at Aldergrove on the 3rd.

Precipitation.—The general precipitation expressed as a percentage of the average for the period 1881—1915 was 97 over England and Wales, 132 over Scotland and 138 over Northern Ireland. In Northern Ireland the excess was general and in Scotland also, apart from a few small isolated areas, for example around Arisaig and Glenborrowdale, in the neighbourhood of Ayr and at Braemar. More than 150 per cent. was received at Londonderry, more than 180 per cent. in the neighbourhood of Poltalloch and Helensburgh and more than 190 per cent. around Inverness. In England and Wales less than the average occurred over a wide area covering east and south-east England, Lincolnshire, the East Riding of Yorkshire and most of the Midlands, and also at some coastal stations in the south-west and along the north coast of Wales. More than 150 per cent. was registered over an area including much of Lancashire, the Lake District and part of Northumberland and Durham, as well as in a small inland area in north Wales. There was a notable decrease in rainfall over England in a south-easterly direction from these wet areas; less than 50 per cent. occurred locally in Warwickshire and the Isle of Wight.

Rainfall occurred very frequently in the west and north-west: there was measurable rain on 31 days at Dunoon (Benmore), on 30 days at Colonsay, Cardross and Glasgow, and on 29 days at numerous places in the west of Scotland, at Ambleside and at Garvagh.

Among the heaviest falls in 24 hours were:—

1st. 2·05 in. at Gairlochy (Inverness-shire).
5th. 2·52 in. at Chopwellwood (Co. Durham).
7th. 2·62 in. at Ardgour (Argyll).
29th. 3·06 in. at Blaenau Festiniog (Merioneth) and 2·87 in. at Borrowdale.

Local thunderstorms were reported fairly frequently, mainly on the 1st, 2nd, 4th, 5th, 13th–15th, 17th–22nd, 25th–27th and 29th. They were most widely reported on the 1st, 14th, 17th–18th, 26th and 29th.

Sunshine.—Sunshine was appreciably below the average on the whole. There was an excess of sunshine, however, in south-east England, at a few places in south-west England and in the Orkney and Shetland Islands. The mean daily duration ranged roughly from less than 3 hours over most of west and central Scotland and small areas in the Lake District and County Down, to more than 7 hours at numerous places on or near the south-east coast of England (See Chart 4).

Fog.—There was not a great deal of fog, but early morning fog was reported locally at times. Fog was probably most appreciable on the south-west coast of England.

Miscellaneous Phenomena.—The aurora was observed in east Scotland on the 8th and at more northerly stations on the 9th, 28th, 29th and 30th. Solar halos were noted at Oxford on 13 days.

Meteorological Office, Air Ministry: Nelson K. Johnson, K.C.B., D.Sc., Director. 1 *October*, 1943

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TABLE I—DISTRICT VALUES— AUGUST, 1943

[1908, revised 1928 and 1941]

DISTRICTS	AIR TEMPERATURE			EARTH TEMPERATURE		RAINFALL		SUNSHINE	
	Highest	Lowest	Daily Mean Difference from Average	At 1 ft Difference from Average	At 4 ft Difference from Average	Percentage of Average	No. of Days Difference from Average	Percentage of Average	Percentage of Possible Duration
	°F	°F	°F	°F	°F	%		%	%
0 SCOTLAND, N.	76	31	-1·3	—	—	137	+3	90	13
Eastern									
1 SCOTLAND, E.	75	31	-1·3	—	—	136	+5	78	23
2 ENGLAND, N.E.	83	37	+0·1	+0·3	+0·3	110	+3	81	28
3 ENGLAND, E.	86	34	+1·2	+0·2	0.0	69	-1	96	41
4 MIDLAND COUNTIES ..	86	36	+0·9	+0·6	+1·2	77	-1	86	31
5 ENGLAND, S.E.	83	35	+0·9	+1·4	+0·8	68	-2	109	46
Western									
6 SCOTLAND, W.	74	36	-0·8	-0.7	-0·7	150	+7	79	23
7 ENGLAND, N.W. (*and N. Wales*)	82	37	+0·7	+0·8	+1·2	129	+6	85	30
8 ENGLAND, S.W. (*and S. Wales*)	84	38	+0·4	+0·4	+0·7	93	+5	88	35
NORTHERN IRELAND	71	41	-0·5	—	—	135	+7	69	20
MEAN 0, 1, 6 ..	—	—	-1·1	—	—	—	—	82	23
MEAN 2, 3, 4, 5, 7, 8	—	—	+0·7	—	—	—	—	91	35

TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— AUGUST, 1943

[1914]

DISTRICT AND STATION	Height of Vane			Distribution of Wind ‡‡								Extreme Velocities							
				More than 38 mi/hr		25 to 38 mi/hr		13 to 24 mi/hr	4 to 12 mi/hr	Less than 4 mi/hr	No Record	Highest Hourly Wind				Highest Gust			
	Above Mean Sea Level	Above Ground	Effective Height	Dates of Occurrence	Duration	No. of days	Duration	Duration	Duration	Duration	Duration	Veer from N.	Speed		Hour ended at	Speed		Time	
	ft	ft	ft		hr		hr	hr	hr	hr	hr		mi/hr	m/s	day hr	mi/hr	m/s	d h	m
0 SCOTLAND, N.																			
Shetland Lerwick	310	53	39	–	0	8	36	386	281	41	0	100	32	14	9 03	53	23	9 02	20
Orkney Kirkwall	170	40	35	–	0	4	18	314	322	90	0	260	30	13	8 17	52	23	8 16	45
Hebrides Stornoway	120	40	36							Defective									
1 SCOTLAND, E.																			
Aberdeen Aberdeen	120	41	32	–	0	1	1	60	486	197	0	320	27	12	13 22	52	23	13 20	55
Angus Bell Rock Lighthouse	130	—	126	13; 20	2	16	105	351	214	72	0	(290	39	17	13 18)	56	25	13 17	00
Edinburgh Edinburgh	485	39	23	–	0	5	7	232	397	108	0	230	26	12	20 16) 7 23	50	22	20 13	05
6a SCOTLAND, W.																			
Argyll Tiree	75	50	42	–	0	3	9	338	343	54	0	360	28	13	2 03	41	18	8 11	40
Renfrew Paisley	188	81	31	–	0	1	1	112	517	114	0	160	25	11	20 13	48	21	30 11	00
Renfrew (Abbotsinch)	65	46	34	–	0	0	0	129	374	241	0	250	22	10	13 14	45	20	30 10	35
Dumfries Eskdalemuir ..	825	50	35	–	0	6	31	236	308	169	0	200	37	16	20 14	60	27	20 13	25
6b ISLE OF MAN																			
Isle of Man Point of Ayre ..	70	40	35	–	0	12	56	383	237	45	23	210	32	14	20 12	53	24	20 12	10
2 ENGLAND, N.E.																			
Durham South Shields ..	73	57	44	–	0	3	10	147	326	261	0	360	28	13	11 04	44	20	30 13	00
Durham	389	53	33	–	0	2	4	160	410	170	0	280	25	11	13 22	50	22	30 12	45
Yorks.,N.R. Catterick ..	220	45	33							Incomplete		Record.							
Yorks.,E.R. Spurn Head ..	64	42	34							Defective.									
Lincoln Cranwell	284	43	33	–	0	5	13	321	330	80	0	(290)	27	12	30 15	46	21	30 14	20
3 ENGLAND, E.																			
Norfolk Gorleston	52	42	34	–	0	1	6	226	421	90	1	170	27	12	1 15	42	19	1 05	50
Suffolk Mildenhall	98	83	58	–	0	3	8	239	424	73	0	260	28	13	30 12	45	20	8 12	35
Bedford Cardington ..	285	150	135	–	0	11	66	352	311	15	0	180	33	15	1 15	52	23	25 12	00
Dunstable	567	55	33	–	0	2	4	403	322	1	14	240	27	12	8 18	53	24	8 17	40
Essex Shoeburyness ..	115	104	89	–	0	0	0	233	408	103	0	230	22	10	1 15	35	16	1 14	15
4 MIDLAND COUNTIES																			
Leicester Leicester	385	60	33	–	0	0	0	65	434	177	68	310	19	9	30 17	40	18	1 16	40
Warwick Birmingham ..	643	118	73	–	0	3	9	347	367	21	0	230	26	12	8 02	46	21	1 19	20
5 ENGLAND, S.E.																			
London Kingsway	222	151	30	–	0	0	0	158	490	13	13	230	21	9	1 17	48	21	1 16	25
Southgate	222	30	—																
Surrey Kew Observatory ..	92	75	50	–	0	0	0	189	421	134	0	230	23	10	1 18	43	19	1 17	20
Kent Lympne	418	76	48	–	0	2	4	223	438	79	0	230	25	11	1 01	48	21	1 13	35
Manston	199	46	40	–	0	1	2	214	426	98	4	200	25	11	1 14	43	19	28 19	25
Hants Thorney Island ..	75	65	45	–	0	0	0	249	337	158	0	220	23	10	1 23	46	21	5 18	30
Wiltshire Boscombe Down ..	462	45	33	–	0	2	10	175	385	174	0	220	29	13	1 18	46	21	1 18	15
Larkhill	491	51	36	–	0	1	9	209	410	116	0	200	29	13	1 16	45	20	1 15	45
7a ENGLAND, N.W.																			
Lancashire Fleetwood	112	50	31	–	0	5	29	362	300	49	4	320	35	16	30 15	47	21	30 13	50
Southport	60	42	33	–	0	10	70	302	293	79	0	260	35	16	30 08	50	22	30 05	40
Cheshire Bidston Obs'y. ..	262	64	39	–	0	3	22	354	331	37	0	270	31	14	30 09	57	25	30 08	05
Manchester (Ringway) ..	315	80	40	–	0	5	24	344	350	26	0	190	32	14	1 21	49	22	1 13	50
7b NORTH WALES																			
Anglesey Holyhead	68	43	35	–	0	9	30	470	226	18	0	270	35	16	27 03	56	25	20 09	45
Flint Sealand	81	65	42	–	0	2	3	127	392	222	0	310	26	12	9 10	43	19	9 09	15
8a SOUTH WALES																			
Pembroke St. Ann's Head ..	212	70	—	1	2	18	180	346	197	19	0	210	41	18	1 14	55	25	1 13	05
8b ENGLAND, S.W.																			
Devon Plymouth	185	88	65	1	2	8	30	280	343	39	0	–	40	18	1 15	55	25	1 14	45
Cornwall The Lizard	315	75	60							Anemometer		dismantled.							
Pendennis Castle ..	256	65	42	1; 5	7	9	53	292	280	87	25	240	42	19	1 14	53	24	1 02	10
NORTHERN IRELAND																			
Antrim Aldergrove	328	60	42	–	0	0	0	135	424	185	0	250	22	10	13 11	40	18	7 20	05
SCILLY ISLES																			
St. Mary's	230	65	57	5	6	23	132	394	196	16	0	260	42	19	5 13	57	25	1 12	35

MONTHLY WEATHER CHARTS AUGUST 1943

1. WIND AND MEAN PRESSURE. 7A.M.

The dotted lines indicate the normal distribution of pressure in millibars based on 30 years' observations, 1901 — 1930

1010 1011 1008 1012 1009 1013 1010 1011 1014 1012 1015 1013 1016 1014

WIND ROSES. *The arrows fly with the wind and indicate frequency and force, thus :*

LIGHT — MODERATE TO STRONG — GALE

30 Obsns. = 1 inch

2. MOVEMENTS OF DEPRESSIONS.

Positions of centres are shewn thus:- O at 1h; ● at 7h; □ at 13h; X at 18h.

3. DISTRIBUTION OF MEAN TEMPERATURE

Reduced to sea level by a correction of 1°F. for 300 ft.

SCALE OF TINTS

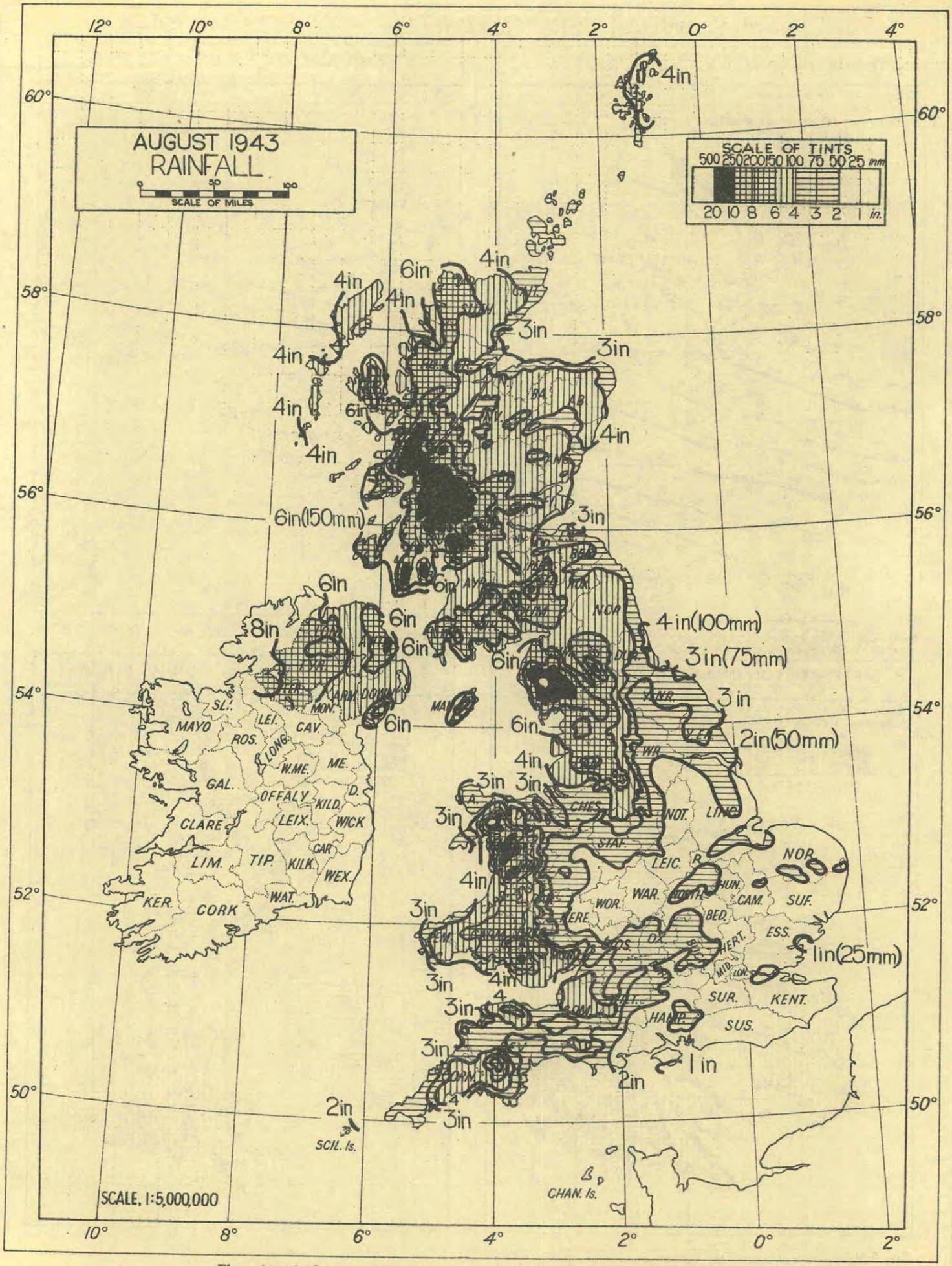
64 62 60 58 56 54 °F

Sea temperatures are shewn by figures in circles, thus : (50)

4 BRIGHT SUNSHINE, HOURS PER DAY

SCALE OF TINTS

7·0 6·0 5·0 4·0 3·0 hrs



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

TABLE III—Summary of Observations of Temperature, Rainfall, Sunshine and Weather AUGUST, 1943

District, County and Place		Terminal Hours of Observation: Max. Min. Rain	Height of Station above Mean Sea Level	Air Temperature in Degrees Fahrenheit: Means of A Max.	B Min.	Mean of A and B	Difference from Average	Absolute Maximum and Minimum: Maximum	Date	Minimum	Date	Earth Temperature 1 ft	4 ft	Rainfall: Total Fall		Per centage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n 0·01 in. (0·2 mm) or more	Precip'n ·04 in. (1·0 mm) or more	Snow	Snow lying	Hail	Thunderstorm	Fog (Morn'g Obs.)	Ground Frost	Gale	Bright Sunshine: Daily Mean	Percentage of Average	Percentage of Possible
		G.M.T.	ft	°F	°F	°F	°F	°F		°F		°F	°F	mm	in	%	in											hr	%	%
0 SCOTLAND, N.														**SCOTLAND**															
Shetland	Baltasound ..	9 9 9	31	56·9	47·4	52·1	-1·6	62	23	38	13	53·8	–	99	3·91	117	·65	20	26	17	0	0	0	0	0	–	0	4·40	111	28
	Lerwick Obsy. ¶§	9 9 9	269	56·5	47·6	52·1	-1·1	61	19,21	37	13	–	–	101	3·99	133	·75	18	19	13	–	–	–	1	2	–	–	4·90	130	32
	Sumburgh (Links)	18–7 7	19	56·6	49·2	52·9	–	61	21	40	13	–	–	96	3·76	–	·69	18	21	12	0	0	0	1	0	1	0	–	–	–
Orkney	Kirkwall .. ¶§	9 9 9	113	58·0	48·8	53·4	-1·2	64	1,19,21	43	29	54·1	–	83	3·26	109	·52	13	21	16	0	0	0	0	0	1	0	(3·96)	(103)	(26)
Hebrides	Benbecula ..	18–7 7	27	58·5	51·1	54·8	–	62	19,21	47	14,26,28	–	–	131	5·18	–	·67	22	27	23	0	0	1	4	0	0	0	–	–	–
	Castlebay ..	9 9 9	—																											
	Stornoway ¶§	18–7 7	12	58·4	49·2	53·8	-1·3	65	18	39	14	–	–	133	5·25	139	·78	25	24	20	0	0	0	0	0	1	1	3·05	74	20
Skye	Duntuilm ..	9 9 9	294	57·9	49·6	53·7	–	64	20,21	43	17	–	–	163	6·43	–	·15	4	26	25	0	0	0	4	0	0	2	2·96	–	19
Caithness	Wick	18–7 7	114	58·5	47·0	52·7	-1·1	66	1,23	40	4,28,29	–	–	85	3·33	121	·70	1	20	14	0	0	0	0	1	0	0	–	–	–
Sutherland	Cape Wrath ..	18–7 7	367	56·3	48·0	52·1	–	65	22	44	16	–	–	161	6·35	–	·24	25	21	19	0	0	0	0	2	0	0	–	–	–
Ross & Cromarty	Achnashellach ..	9 9 9	225	60·3	46·2	53·3	-2·8	70	1	38	13	–	–	185	7·28	115	·78	29	26	23	0	0	0	0	0	–	0	–	–	–
	Fortrose	9 9 9	69	62·9	49·2	56·1	-1·0	74	1	40	28	–	–	101	3·98	–	·82	12	24	16	0	0	0	2	0	–	0	3·30	76	22
	*Invergordon ..	18–7 7	26	62·1	47·7	54·9	–	73	1	39	27	–	–	90	3·56	–	·69	25	18	15	0	0	0	1	0	0	0	–	–	–
Inverness	Dalwhinnie ..	18–7 7	1175	57·3	45·6	51·5	–	71	1	31	27	–	–	99	3·89	–	·93	1	26	20	0	0	0	1	0	1	0	2·28	–	15
	Ft. Augustus ¶§	9 9 9	68	61·8	49·2	55·5	-0·8	76	1	36	27	–	–	96	3·79	109	·75	1	24	17	0	0	0	1	0	–	0	2·14	62	14S
	Ft. William ..	9 9 9	34	61·3	50·1	55·7	-1·3	71	1	38	27	57·6	55·9	179	7·03	113	201	1	26	23	0	0	0	1	0	0	0	2·08	59	14S
	Inverness ¶§	9 9 9	242	60·5	49·3	54·9	-2·2	73	1	41	27	–	–	126	4·94	194	·75	13	22	17	0	0	0	1	0	0	0	3·31	79	22
	Onich	9 9 9	48	61·0	49·7	55·3	–	70	1	38	27	–	–	217	8·54	135	1·74	7	28	24	0	0	0	1	0	2	0	1·84	56	12S
1 SCOTLAND, E.																														
Nairn	Nairn .. ¶§	9 9 9	20	61·5	49·5	55·5	-1·6	70	1	40	28	–	–	93	3·67	152	·76	1	19	16	0	0	0	3	0	0	0	3·43	83	23
Moray	Forres	9 9 9	155	62·2	48·0	55·1	–	72	1	38	27	–	–	95	3·73	–	·93	2	19	18	0	0	0	0	0	1	0	4·05	–	27
	Gordon Castle ..	2121 9	104	62·0	48·3	55·1	-1·6	74	1	41	27	–	–	97	3·84	121	·82	1	20	14	0	0	1	2	–	–	0	–	–	–
	Lossiemouth ..	18–7 7	21	61·6	48·5	55·1	–	70	20	38	27	–	–	87	3·41	–	·94	1	20	16	0	0	1	2	0	–	0	–	–	–
Banff	Banff	9 9 9	130	60·5	50·1	55·3	-1·4	70	1	43	29	–	–	73	2·88	107	·88	1	19	11	0	0	0	3	0	0	2	4·32	99	28
Aberdeen	Aberdeen ¶§	242424	79	60·0	50·1	55·1	-1·1	71	1	42	27	57·1	55·4	105	4·15	151	·68	10	23	16	0	0	0	3	0	1	0	3·58	80	24
		18–7 –	—	60·6	49·2	54·9	-1·8																							
	Balmoral	9 9 9	927	59·0	46·3	52·7	-1·4	73	1	33	27	–	–	79	3·09	102	·62	25	26	17	0	0	0	0	–	5	0	–	–	–
	Braemar	2121 9	1111	58·4	46·4	52·4	-1·3	72	1	31	27	–	–	71	2·79	82	·50	25	24	18	0	0	0	0	0	1	0	3·07	–	20S
	Craibstone ..	9 9 9	300	60·2	47·5	53·9	-2·0	72	1	40	12,29	56·3	54·4	107	4·21	142	·61	25	21	17	0	0	0	3	–	0	–	3·57	72	24
	Dyce	18–7 7	241	60·2	47·4	53·8	–	73	1	36	27	–	–	107	4·22	–	·67	1	21	16	0	0	0	3	0	0	0	–	–	–
	Tarland	9 9 9	540	60·3	46·2	53·3	–	74	1	33	27	–	–	93	3·66	–	·84	1	24	13	0	0	1	0	–	–	0	–	–	–
Kincardine	Stonehaven ..	9 9 9	12	62·4	49·0	55·7	–	72	1	39	12,14	–	–	117	4·59	–	·77	25	25	18	0	0	0	2	0	–	0	3·26	–	22
Angus	Arbroath	9 9 9	93	61·7	49·3	55·5	-1·4	71	1	39	26,27,28	–	–	96	3·77	129	·74	10	18	15	0	0	0	3	0	4	0	4·14	77	27
	Buddon Ness ..	9 9 9	15	62·0	50·2	56·1	–	71	1	38	26	–	–	102	4·03	–	·61	10	22	17	0	0	0	5	0	–	2	–	–	–
	Dundee .. ¶§	9 9 9	147	63·4	49·5	56·5	-1·1	72	1	39	15,26	58·1	–	127	5·00	153	·80	2	20	17	0	0	0	5	–	0	0	3·56	76	24
	Kettins	9 9 9	218	62·1	48·4	55·3	-1·4	72	1	37	27	59·2	–	103	4·07	112	·97	2	22	17	0	0	0	2	1	0	1	–	–	–
	Montrose	9 9 9	16	61·5	50·4	(55·9)	-1·2	71	1	37	26	–	–	92	3·61	–	·60	2	23	17	0	0	0	2	0	–	0	3·89	81	26
	,, (Airfield)	18–7 7	22	61·6	50·4	56·0	–	71	1	40	26	–	–	96	3·77	–	·57	2	22	17	0	0	1	2	0	0	0	–	–	–
Perth	Errol	18–7 7	31	63·2	49·3	(56·3)	–	74	1	38	26	–	–	117	4·61	–	1·53	2	21	17	0	0	1	4	0	0	0	–	–	–
	Longforgan ..	9 9 9	166	62·4	48·9	55·7	–	73	1	39	12	–	58·6	120	4·74	–	1·07	2	24	16	0	0	0	6	1	0	0	3·49	–	23
	Perth	9 9 9	76	62·8	49·6	56·2	-1·5	73	1	37	27	–	–	123	4·83	143	1·25	2	23	17	0	0	0	7	–	–	1	3·08	65	20
Fife	Cupar	9 9 9	210	62·9	49·6	56·3	-0·9	73	1	40	27	–	–	124	4·89	–	·62	1	21	18	0	0	1	0	–	–	0	–	–	–
	Dunfermline ..	9 9 9	237	62·3	49·7	56·0	–	73	1	40	27	59·4	57·8	112	4·40	–	·66	29	22	16	0	0	0	4	0	0	0	3·14	–	21
	Kirkcaldy ..	9 9 9	137	62·8	48·6	55·7	-2·4	74	1	41	14	–	–	102	4·03	–	·65	10	20	15	0	0	0	1	–	–	0	3·35	–	22
	Leuchars ..	18–7 7	36	63·1	50.6	56·9	0·0	75	1	41	26	–	–	110	4·33	141	·71	10	20	18	0	0	0	5	0	0	0	4·26	85	28
	Lundin Links ..	9 9 9	40	62·3	49·9	56·1	–	70	1	40	26	–	–	120	4·74	–	·76	1	20	18	0	0	2	5	0	–	0	3·44	–	23
	St. Andrews ..	9 9 9	13	62·5	50·1	56·3	-1·4	68	20	41	27	55·8	53·2	139	5·48	176	·98	29	23	20	0	0	0	4	0	0	0	4·30	90	29
Mid Lothian	Balerno	9 9 9	750	60·3	49·0	54·7	–	69	1	39	27	–	–	126	4·96	–	·65	5	26	19	0	0	0	2	0	0	0	3·55	–	24
	Edinburgh—																													
	Blackford H. ¶§	2121 9	441	61·5	50·5	56·0	-1·1	72	1	43	13	–	–	89	3·50	109	·65	1	22	16	0	0	1	3	1	0	0	3·66	80	24
	Botanic Garden	9 9 9	74	63·4	50·8	57·1	–	71	1	41	12,27	–	–	93	3·68	–	·81	1	22	16	0	0	0	2	0	0	–	3·88	–	26
	Univ. King's B.	9 9 9	225	62·9	50·6	56·7	–	72	1,20	44	27	57·1	56·1	93	3·66	–	·61	1	22	17	–	–	–	–	–	–	–	–	–	–
	Boghall	9 9 9	639	61·0	48·5	54·7	-1·8	71	1	39	27	55·9	55·7	110	4·33	–	·61	1	25	19	0	0	0	3	0	0	0	3·56	77	24
	Liberton ..	9 9 9	190	63·2	50·5	56·9	–	72	1,20	42	27	–	–	95	3·72	–	·65	1	22	17	0	0	0	0	–	–	–	–	–	–
E. Lothian	Dunbar	9 9 9	75	62·8	48·5	55·7	–	73	20	41	27	–	–	83	3·27	–	·42	19	21	15	0	0	0	1	0	0	0	4·07	–	27
	N. Berwick ..	9 9 9	118	62·9	50·5	56·7	-1·3	72	20	43	26,27	–	–	84	3·32	111	·56	19	19	16	0	0	0	2	0	0	0	3·73	76	25
Berwick	Marchmont ¶§	9 9 9	498	61·8	47·6	54·7	-1·8	75	1	40	26	–	–	98	3·87	117	·47	3	27	21	0	0	0	0	–	–	0	3·25	71	22S
	St. Abb's Head	18–7 7	280	60·8	51·2	56·0	–	75	1	46	26	–	–	92	3·62	–	·85	25	23	15	0	0	0	2	1	–	0	–	–	–
Peebles	Peebles	9 9 9	—	62·0	50·0	56·0	–	73	1	35	24	–	–	119	4·69	–	·54	2	23	19	0	0	0	2	0	0	0	2·96	–	20
	West Linton ..	9 9 9	820	60·9	47·2	54·1	-0·4	70	1	35	27	53·1	54·7	103	4·04	–	·48	7	23	19	0	0	0	2	4	3	0	–	–	–
Roxburgh	Kelso (Br'ml'ds)	9 9 9	193	61·8	48·5	55·1	-2·4	75	1	41	31	–	–	89	3·51	119	·50	1	24	20	0	0	0	2	0	–	–	–	–	–
	Wolfelee	9 9 9	537	61·8	47·9	54·9	-0·9	74	1	39	12	–	–	141	5·57	167	·68	28	25	22	0	0	1	8	0	–	0	–	–	–

¶§, S *See* Notes on Tables in Annual Summary. * Station transferred to Alness, March 24th, 1943.

TABLE III (*continued*)—Summary of Observations of Temperature, Rainfall, Sunshine and Weather AUGUST, 1943

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation Max. Min. Rain	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES FAHRENHEIT: Means of A Max.	B Min.	Mean of A and B	Difference from Average	Absolute Maximum and Minimum: Maximum	Date	Minimum	Date	Earth Temperature 1 ft	4 ft	RAINFALL: Total Fall mm	in	Percentage of Average	Most in a day: Amount in	Date	WEATHER Number of days: Precip'n 0·01in (0·2 mm) or more	Precip'n 0·04in (1·0 mm) or more	Snow	Snow lying	Hail	Thunderstorm	Fog (Morn'g Obs.)	Ground Frost	Gale	BRIGHT SUNSHINE: Daily Mean	Percentage of Average	Percentage of Possible
		G.M.T.	ft	°F	°F	°F	°F	°F		°F		°F	°F	mm	in	%	in												hr	%	%
6a SCOTLAND, W.																															
Argyll	Ardtornish ..	2121 9	48																												
	Colonsay ..	9 9 9	87	60·8	50·4	55·6	–	69	1	40	27	–	–	190	7·49	–	1·06	7	30	26	0	0	0	0	–	–	0	–	–	–
	Dunoon (Benmore)	9 9 9	46	62·0	48·9	55·5	–	70	1	40	27	58·9	57·7	342	13·48	–	1·73	7	31	29	0	0	0	2	0	0	0	2·43	–	16S
	Dunoon	9 9 9	132	61·7	50·5	56·1	–	68	18	44	27	–	–	273	10·75	–	1·74	31	29	27	0	0	0	0	0	0	–	3·37	–	22
	Glenbranter ..	9 9 9	120	61·8	49·1	55·5	-1·4	71	1	36	27	–	–	315	12·42	–	1·70	7	29	27	0	0	0	1	0	1	–	–	–	–
	Oban	9 9 9	229	60·5	50·1	55·3	–	70	1	43	11,14	–	–	157	6·19	–	·87	31	28	21	0	0	0	1	0	–	0	2·94	73	20
	Tiree .. ¶§	18–7 7	44	60·5	51·7	56·1	-0·6	69	1	46	7,28	–	–	116	4·56	109	·74	7	25	16	0	0	0	0	0	0	0	4·07	83	27
Bute	Rothesay ¶§	2121 9	200	61·1	49·1	55·1	-1·8	66	1,18	44	11,27	57·7	55·3	214	8·41	173	1·43	31	28	24	0	0	1	1	0	0	1	–	–	–
Dumbarton	Cardross	9 9 9	130	61·8	49·9	55·9	-1·2	67	1,18	40	27	–	–	208	8·18	–	1·19	2	30	25	0	0	0	0	0	–	–			
	Helensburgh ..	9 9 9	293	62·2	49·5	55·9	-1·6	69	1	40	27	–	–	242	9·53	185	1·46	4	27	23	0	0	1	1	1	–	0	2·61	65	17
Stirling	Balfron	9 9 9	342	60·7	49·0	54·9	–	70	1	37	27	–	–	172	6·77	–	·81	31	27	21	–	–	–	–	–	–	–	–	–	–
	Stirling	9 9 9	151	62·4	51·1	56·7	-1·4	70	1,9	41	27	58·4	56·7	147	5·78	–	·70	19	23	20	0	0	1	3	1	–	–	3·46	83	23
Renfrew	Greenock ..	9 9 9	199	61·9	51·7	56·8	-0·7	68	1	45	27	–	–	223	8·78	171	1·42	31	29	22	0	0	0	1	2	0	0	3·23	–	22
	Paisley	2121 9	106	62·7	52·0	57·3	-1·2	70	1	44	27	59·3	56·7	154	6·08	155	·67	1	25	22	0	0	1	3	0	0	0	3·01	68	20
	Abbotsinch ¶§	18–7 7	19	62·7	51·3	57·0	-0·1	71	1	40	27	–	–	153	6·03	167	·61	1	26	24	0	0	0	4	0	0	0	3·26	78	22
Lanark	Carluke ..	9 9 9	534	62·1	50·2	56·1	–	70	1	41	27	–	–	94	3·69	–	·36	29	26	21	0	0	0	2	0	0	0	2·71	–	18
	Dungavel ..	9 9 9	798	60·4	48·5	54·5	0·0	69	1	39	27	–	–	139	5·47	–	·98	7	29	26	0	0	0	0	0	0	0	–	–	–
	Glasgow, Spr.' Pk.	9 9 9	351	62·6	49·9	56·3	–	72	1	41	27	–	–	177	6·98	–	1·18	1	30	23	0	0	0	3	–	1	–	2·71	–	18
Ayr	Auchincruive ..	9 9 9	89	63·7	51·3	57·5	–	73	17	38	27	59·1	57·0	99	3·90	–	·67	7	25	18	0	0	0	3	0	1	0	3·21	–	21
	Ayr	9 9 9	43	63·4	51·3	57·3	–	74	1	40	27	–	–	117	4·60	–	1·07	1	24	23	0	0	0	2	0	0	0	2·91	–	20
	Colmonell ..	9 9 9	170	62·6	50·4	56·5	-1·0	71	17	39	27	–	–	117	4·59	115	·73	7	25	20	0	0	0	3	0	0	0	–	–	–
	Kilmarnock ..	9 9 9	130	63·8	50·7	57·3	-0·6	73	17	38	27	59·6	57·7	132	5·20	–	1·04	7	25	18	0	0	0	2	0	0	0	3·37	77	22S
	Prestwick ..	9 9 9	17	62·0	52·9	57·5	–	71	17	41	27	–	–	120	4·71	–	1·19	1	23	17	0	0	0	2	0	0	0	2·90	–	19
	Troon	9 9 9	15	61·4	53·1	57·3	–	69	17	43	27	–	–	120	4·74	–	·67	1	23	16	0	0	0	1	0	0	0	3·77	–	25
	Turnberry ..	9 9 9	30	63·1	52·3	57·7	-0·3	70	17	44	27	–	–	104	4·11	128	·81	7	26	19	0	0	0	1	0	–	0	3·27	70	22
Dumfries	Dumfries.. ¶§	9 9 9	140	63·5	50·8	57·1	-0·6	71	1,17	43	12,29	59·0	56·9	153	6·01	149	·68	28	26	21	0	0	2	3	0	0	–	3·42	77	23
	Eskdalemuir ¶§	242424	794	60·9	46·7	53·8	-0·7	70	1	37	24	56·8	53·8	198	7·81	152	1·15	29	27	23	0	0	0	6	1	2	1	3·00	77	20
		18–7 –	—	61·3	48·1	54·7	-0·1																							
	Ruthwell.. ..	2121 9	67	64·5	50·8	57·7	-0·4	74	1	40	12,15	–	–	133	5·24	–	·52	28	25	21	0	0	0	2	–	–	0	3·27	79	22S
Kirkcudbright	Glenlee	9 9 9	181	63·6	50·5	57·1	–	71	1	38	24	–	–	166	6·55	–	·71	29	26	20	0	0	0	1	0	0	0	–	–	–
Wigtown	Newton Stewart	9 9 9	75																											
6b ISLE OF MAN																														
ISLE OF MAN																														
Isle of Man	Douglas	9 9 9	284	61·5	52·7	57·1	-0·7	67	17	46	12	–	–	145	5·71	150	·98	4	19	17	0	0	0	0	0	0	0	4·50	81	30
	Point of Ayre ..	18–7 7	30	64·8	54·5	59·7	–	70	10	46	26	–	–	121	4·78	–	·61	6	17	16	0	0	0	1	0	–	0	4·29	–	29
2 ENGLAND, N.E.									20	43	12	–	–	96	3·78															
ENGLAND AND WALES																														
Northumberland	Berwick-on-T. ..	9 9 9	76	61·6	51·0	56·3	-1·2	73						154	·49	26	22	20	0	0	0	3	0	0	0	3·70	72	25
	Bellingham ..	9 9 9	849	60·9	48·6	54·7	-1·1	72	1	40	12	–	–	136	5·37	152	·77	5	26	19	0	0	0	1	0	–	–	–	–	–
	Cockle Park ¶§	2121 9	325	63·1	49·5	56·3	-0·5	73	1	40	12	56·7	55·8	97	3·83	121	·97	5	22	17	0	0	0	2	0	0	0	3·60	74	24
	Ouston	18–7 7	426	63·5	49·6	56·5	–	77	1	41	12,27	–	–	111	4·37	–	1·83	5	19	17	0	0	0	3	2	0	1	–	–	–
	Tynemouth ..	18–7 7	108	63·2	53·5	58·3	-0·2	77	1	46	12	–	–	104	4·10	149	1·27	5	24	17	0	0	0	3	0	0	1	3·70	–	25
Durham	Chopwellwood ..	9 9 9	446	64·9	50·7	57·8	+0·7	77	1	41	27	–	–	125	4·94	170	2·52	5	22	15	0	0	0	2	1	0	–	3·81	80	26
	Durham .. ¶§	2121 9	336	65·9	49·2	57·5	-0·2	78	1	41	26	–	–	98	3·88	156	·99	5	21	17	0	0	0	0	1	0	–	3·89	82	26
	Houghall.. ..	9 9 9	160	66·2	49·6	57·9	-0·9	77	1	38	12,26	–	–	99	3·88	–	·90	5	23	15	0	0	0	2	0	2	0	3·73	75	25
	Ushaw College ..	9 9 9	594	64·5	51·1	57·8	+0·2	76	1	43	27	–	–	103	4·07	140	1·06	5	24	17	0	0	0	0	–	–	–	–	–	–
Yorks., N. Riding	Ampleforth ..	9 9 9	313	65·7	51·2	58·5	0·0	79	1	42	12	–	–	84	3·30	–	·74	5	18	17	0	0	1	4	0	0	–	3·57	–	24
	Castleton ..	9 9 9	450	65·7	49·5	57·6	–	78	1	37	12	58·3	–	70	2·75	–	·42	28	18	15	0	0	0	2	0	–	–	–	–	–
	** Catterick.. ..	18–7 7	175	66·1	51·3	58·7	–	78	1	42	26	–	–	75	2·96	–	·98	5	21	14	0	0	0	2	0	0	0	3·64	–	25
	Linton-on-Ouse ..	18–7 7	46	68·5	51·8	60·1	–	79	1	41	12	–	–	50	1·96	–	·41	28	19	11	0	0	0	4	0	0	0	–	–	–
	Redcar	9 9 9	25	65·7	53·4	59·5	–	80	1	45	12,15	–	–	111	4·35	–	1·12	5	16	14	–	–	–	–	1	–	–	3·95	–	27
	Scarborough †¶§	9 9 9	118	66·9	54·1	60·5	+0·2	79	1	45	12	–	59·4	86	3·40	122	·86	26	18	15	0	0	1	2	0	–	–	4·55	87	31
	Thornaby ..	18–7 7	60	67·3	51·7	59·5	–	80	1	41	12	–	–	97	3·82	–	·93	5	19	18	0	0	0	3	2	0	0	–	–	–
	Whitby	9 9 9	130	65·9	52·7	59·3	–	79	1	44	4	–	–	74	2·92	–	·81	5	21	14	0	0	0	4	0	0	–	4·21	87	28
	York .. ¶§	9 9 9	57	67·7	52·8	60·3	0·0	78	1	44	12	58·7	55·9	60	2·35	93	·37	28	23	16	0	0	0	3	–	–	–	4·01	82	27
Yorks., E. Riding	Bridlington ..	2121 9	76	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Driffield ..	18–7 7	65	67·6	51·2	59·4	–	81	1	41	12,27	–	–	80	3·16	–	·65	28	19	13	0	0	1	2	0	0	0	–	–	–
	Hull	2121 9	8	68·8	53·9	61·3	+0·8	82	1	45	12	61·9	58·4	71	2·78	96	·68	5	19	11	0	0	0	2	0	0	–	4·10	70	28
	Spurn Head ..	18–7 7	29	66·5	54·6	60·5	-0·2	78	1	(48)	(28)	–	–	43	1·70	70	(·58	20)	12	10	0	0	0	0	1	–	0	4·71	89	32
Lincoln	Boston—																													
	(Freiston Road)	2121 9	16	69·6	53·8	61·7	–	81	20	43	12	–	–	55	2·15	–	·44	20	16	12	0	0	0	0	0	0	–	–	–	–
	(North Sea Camp)	18–7 7	10	(70·8)	53·4	(62·1)	–	83	20	42	12	–	–	51	2·00	–	·36	20	15	13	0	0	0	0	0	–	–	4·64	–	32
	Cranwell .. ¶§	18–7 7	203	69·8	52·7	61·3	+1·0	79	1	44	15	61·6	59·5	41	1·63	60	·48	20	12	9	0	0	0	0	1	0	0	4·79	80	33
	Cleethorpes ..	9 9 9	23	68·8	53·9	61·3	+0·2	82	1	45	12	–	–	49	1·95	–	·53	20	13	11	0	0	0	0	0	–	–	5·32	88	36
	Skegness ..	9 9 9	15	68·3	54·4	61·3	+1·2	79	1	43	12	–	–	31	1·24	51	·26	20	11	10	0	0	0	2	0	–	–	4·96	82	34

† At Scarborough the earth thermometer is at a depth of 3 ft.

¶§, § *See* Notes on Tables in Annual Summary.

** At Scorton from March 9th.

TABLE III (*continued*)—Summary of Observations of Temperature, Rainfall, Sunshine and Weather AUGUST, 1943

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation Max. Min. Rain	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES FAHRENHEIT: Means of A Max.	Means of B Min.	Mean of A and B	Difference from Average	Absolute Maximum and Minimum: Maximum	Date	Minimum	Date	Earth Temperature 1 ft	4 ft	RAINFALL: Total Fall mm	in	Percentage of Average	Most in a day: Amount	Date	WEATHER Number of days: Precip'n ·01in (0·2mm) or more	Precip'n ·04in (1·0mm) or more	Snow	Snow lying	Hail	Thunderstorm	Fog (Morn'g Obs.)	Ground Frost	Gale	BRIGHT SUNSHINE: Daily Mean	Percentage of Average	Percentage of Possible
		G.M.T.	ft	°F	°F	°F	°F	°F		°F		°F	°F	mm	in	%	in											hr	%	%
8 ENGLAND, E.																														
Norfolk	Cromer	9 9 9	178	70·5	54·3	62·4	+1·4	83	20	46	12	–	–	39	1·53	59	·36	8	14	10	0	0	0	4	0	0	0	4·99	84	34
	Hunstanton	9 9 9	100	69·7	54·1	61·9	−0·2	81	20	46	12	–	–	45	1·77	–	·29	1	16	12	0	0	0	1	0	–	–	5·17	91	35
	Norwich	9 9 9	110	71·9	53·6	62·7	+1·2	84	20	44	12	61·5	–	41	1·60	–	·30	25	15	10	0	0	1	5	–	0	–	5·32	89	36
	Sprowston	9 9 9	93	71·6	53·2	62·4	+0·9	83	20	44	12,17,24	–	–	38	1·49	–	·26	8	12	9	0	0	0	4	–	0	–	5·12	81	35
	Terrington	9 9 9	13	70·2	51·9	61·1	–	81	20	43	12	–	–	35	1·39	–	·25	20	10	10	0	0	0	0	0	0	–	5·29	–	36
	Yarmouth ¶§	18–7 7	5	69·0	56·0	62·5	+1·0	81	18	46	12	62·6	59·1	42	1·65	67	·41	25	13	12	0	0	1	5	0	0	0	5·60	88	38
Suffolk	Bungay (Flix'n)	9 9 9	79	71·6	54·4	63·0	+1·3	82	20	45	12	–	–	33	1·29	–	·33	20	8	8	0	0	0	4	0	0	0	–	–	–
	Felixstowe Airfield	18–7 7	10	71·5	57·0	64·3	+2·0	82	18	49	12	–	–	37	1·44	82	·62	5	12	7	0	0	0	2	0	0	0	6·74	100	46
	Ipswich, Belstead	9 9 9	125	72·3	54·4	63·3	–	84	18	42	12	63·0	61·5	25	·97	–	·21	20	15	9	0	0	0	2	0	1	1	5·47	–	37
	Lowestoft	9 9 9	82	71·6	55·0	63·3	+2·0	86	18	46	12	63·3	60·6	41	1·61	73	·58	26	12	8	0	0	0	4	0	0	0	5·18	78	35
	Mildenhall	18–7 7	15	71·3	54·2	62·7	–	81	16,20	43	12	–	–	39	1·52	–	·26	26	15	10	0	0	0	4	0	0	0	5·98	–	41
	Santon Downham	9 9 9		70·6	49·8	60·2	–	83	1	34	12	60·7	56·3	46	1·80	–	·29	28	14	11	0	0	0	3	0	2	–	–	–	–
	Stradishall	18–7 7	382	70·1	53·5	61·8	–	81	20	44	12	–	–	28	1·11	–	·20	28	14	10	0	0	0	4	1	0	0	–	–	–
Cambridge	Cambridge Gdns ¶§	2121 9	41	71·6	53·3	62·5	+1·2	81	20	39	12	64·1	60·7	32	1·26	54	·41	25	13	8	0	0	0	3	0	1	0	5·47	92	37
Bedford	Dunstable	18–7 7	516	69·5	52·1	60·8	–	80	17	42	15	61·8	57·2	38	1·49	–	·30	20	13	9	0	0	0	0	1	0	0	6·16	–	42
	Luton	9 9 9	381	69·9	53·6	61·7	+1·2	80	17	40	12	62·1	58·0	35	1·37	–	·37	25	13	8	–	–	–	–	0	1	–	5·83	97	40
	Woburn	9 9 9	291	69·6	53·6	61·6	+1·3	80	17	42	12	63·8	57·7	45	1·76	76	·40	4	14	11	0	0	0	0	0	0	–	5·72	100	39
Hertford	Rothamsted ¶§	9 9 9	420	69·2	52·9	61·1	+1·0	78	18,19	43	12,24	61·5	–	53	2·09	84	·47	5	17	10	0	0	0	0	0	0	–	5·67	96	39
	St. Albans	9 9 9	272	70·4	52·0	61·2	+0·3	80	18	38	12	63·1	–	46	1·80	79	·35	5	16	9	–	–	0	0	0	0	–	–	–	–
Essex	Dovercourt	9 9 9	47	71·4	56·0	63·7	+0·8	83	18	46	12	–	–	25	·98	–	·25	5	10	5	0	–	0	1	0	0	–	6·55	–	45
	Earls Colne	9 9 9	160	72·1	54·3	63·2	+0·7	82	18,20	42	12	63·8	61·5	29	1·14	–	·27	20	12	9	0	0	0	2	–	0	–	–	–	–
	Halstead	9 9 9	140	72·3	53·5	62·9	+1·2	82	18,20	38	12	–	–	27	1·08	–	·26	20	15	8	0	0	0	2	–	–	–	–	–	–
	Maldon	9 9 9	14	73·6	54·1	63·9	–	84	18,20	41	12	–	–	26	1·02	–	·25	5	12	9	0	–	0	1	0	–	–	6·71	–	46
	Shoeburyness	18–7 7	11	72·6	56·5	64·5	+2·0	82	20	45	12	–	–	31	1·22	69	·53	5	11	7	0	0	0	2	0	0	0	6·85	101	47
	Walton-on-Naze	9 9 9	35	71·4	56·1	63·7	+1·4	83	18	46	12	–	–	39	1·55	–	·56	5	14	7	–	–	–	–	0	0	–	6·39	100	44
	Writtle	9 9 9	105	71·6	53·1	62·3	–	82	18,20	38	12	–	–	31	1·22	–	·18	20	13	9	0	0	0	0	–	1	–	–	–	–
4 MIDLAND COUNTIES																														
Yorks., W. Riding	Askham Bryan	9 9 9	90	68·3	49·9	59·1	–	80	1	39	15	–	–	64	2·52	–	·44	28	19	13	0	0	0	3	0	0	–	3·32	–	22
	Bingley	9 9 9	610	64·4	51·2	57·8	–	74	1	45	12,15,26	–	–	95	3·73	–	·60	5	20	19	0	0	0	1	5	0	–	–	–	–
	Bradford	9 9 9	439	64·3	52·3	58·3	−0·2	75	1	44	12	58·6	57·0	78	3·06	99	·66	5	22	17	0	0	–	–	2	0	–	3·76	78	25
	Doncaster	9 9 9	25	–	–	–	–	–	–	–	–	–	–	39	1·53	–	·37	20	14	10	0	0	0	3	0	3	–	4·13	–	28
	Finningley	18–7 7	39	69·7	53·1	61·4	–	81	1	43	24	–	–	55	2·15	–	·59	20	14	10	0	0	0	2	1	–	0	–	–	–
	Harrogate ¶§	9 9 9	478	65·2	52·3	58·7	+0·7	77	1	42	12	58·4	57·7	67	2·65	90	·61	5	21	16	0	0	0	3	0	0	0	3·66	72	22
	Huddersfield	2121 9	325	64·2	50·1	57·1	−2·0	77	1	42	24	60·5	58·6	70	2·76	105	·42	5	23	15	0	0	0	–	2	3	–	3·93	86	27
	„ (Oakes)	9 9 9	761	65·0	50·9	57·9	−1·0	75	1	44	26	60·3	56·9	103	4·06	137	·64	2	26	19	0	0	0	2	2	0	0	–	–	–
	Ilkley	9 9 9	315	66·4	50·9	58·7	−0·3	77	1	41	12	–	–	113	4·45	–	1·03	5	22	20	0	0	0	1	0	0	–	3·63	72	25
	Meltham	9 9 9	585	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Pontefract	9 9 9	255	65·7	52·5	59·1	−1·1	76	1	45	26	–	–	47	1·87	79	·30	5	21	11	–	–	–	–	0	0	–	3·27	–	22
	Rotherham	7 7 7	284	68·1	52·3	60·2	–	78	1	43	24,26	59·9	–	39	1·53	–	·31	20	18	13	0	0	0	2	0	0	–	3·63	–	25
	Sheffield	9 9 9	428	67·0	53·5	60·3	+0·4	77	1	46	24	59·4	57·5	62	2·43	94	·32	4	21	13	0	0	0	2	–	0	0	3·60	71	25
	Wakefield	9 9 9	124	68·7	52·1	60·4	+0·2	79	1	42	26	59·9	57·2	69	2·72	105	·95	5	21	14	0	0	0	4	0	0	–	3·41	72	23
Derby	Belper (School)	9 9 9	198	68·2	51·9	60·1	+0·4	79	17	41	12,26	–	–	70	2·77	95	·75	20	18	15	0	0	0	2	–	–	–	–	–	–
	Buxton	9 9 9	1007	62·8	50·9	56·9	0·0	72	1,17	41	24	58·5	56·9	124	4·89	112	1·13	8	26	19	0	0	0	0	0	0	–	3·20	68	228
Nottingham	Mansfield	9 9 9	357	67·7	52·5	60·1	−0·5	78	1	44	12	–	–	47	1·87	67	·58	20	15	12	0	0	0	2	0	–	–	–	–	–
	Nottingham ¶§	9 9 9	192	69·4	54·2	61·8	+1·4	79	1	44	12	61·9	61·0	37	1·44	58	·38	20	15	13	–	–	–	–	0	0	–	4·23	83	29
	Sutton Bonington	9 9 9	157	69·4	52·4	60·9	+0·4	79	17	42	24	62·1	–	43	1·69	75	·34	20	15	10	0	0	0	1	–	0	–	4·75	86	32
Leicester	Leicester	9 9 9	325	70·7	52·8	61·7	–	80	17	45	12,15	59·9	–	38	1·50	–	·35	20	12	10	0	0	0	0	0	0	–	4·20	–	29
Northampton	Oundle	9 9 9	147	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Peterborough	9 9 9	46	71·4	54·4	62·9	–	83	20	45	12	–	–	47	1·83	–	·38	20	15	12	0	–	0	2	–	–	–	–	–	–
	Raunds	9 9 9	193	71·0	52·8	61·9	–	80	17,20	41	12	62·9	58·5	45	1·79	–	·39	20	14	11	0	0	0	0	0	0	–	–	–	–
Warwick	Birmingham ¶§	18–7 7	535	67·8	53·7	60·7	+0·4	81	17	46	12	57·5	55·3	39	1·53	56	·30	20	15	12	0	0	0	0	0	0	0	4·71	90	32
	„ Sparkhill	7 7 7	425	71·0	52·3	61·7	+1·6	83	17	43	24	–	–	44	1·74	61	·51	20	14	12	0	0	0	0	0	0	–	–	–	–
	Coventry	9 9 9	241	70·6	52·6	61·6	–	83	17	38	12	64·3	63·7	34	1·32	49	·39	20	14	9	0	0	0	0	0	–	–	4·53	85	31
	Honiley	18–7 7	427	68·9	52·5	60·7	–	82	17	44	12	–	–	38	1·51	–	·38	20	12	9	0	0	0	1	0	0	1	–	–	–
	Leamington Spa	9 9 9	163																											
	Rugby	2121 9	390	70·7	51·0	60·9	+0·9	84	17	40	12	–	–	40	1·56	61	·46	20	13	10	0	–	0	0	–	–	–	–	–	–
	Shipston on Stour	9 9 9	364	69·4	52·9	61·1	–	82	17	43	12	–	–	34	1·34	–	·43	20	13	9	0	0	0	0	0	–	–	5·55	–	38
	Stratford on Avon	9 9 9	153	71·1	52·1	61·6	–	84	17	37	12	–	–	40	1·59	–	·49	4	11	9	0	0	0	0	0	0	–	5·36	–	37
Oxford	Oxford ¶§	9 9 9	208	71·3	54·3	62·8	+1·5	83	17	44	12	64·5	61·5	57	2·24	98	·49	26	12	11	0	0	0	1	0	0	0	5·75	101	39
	Upper Heyford	18–7 7	408	70·1	53·1	61·6	–	83	17	42	12	–	–	47	1·86	–	·56	20	12	7	0	0	0	1	1	0	0	–	–	–
Stafford	Market Drayton	9 9 9	581	65·9	51·1	58·5	–	76	17	39	12	–	–	68	2·67	–	·39	26	20	16	0	0	0	2	0	0	–	4·07	–	28
	Mayfield	9 9 9	374	67·2	50·3	58·7	+0·5	76	1,17	37	26	–	–	85	3·35	105	·54	20	17	14	0	0	1	4	–	0	0	3·59	72	24
	Oaken	7 7 7	409	68·4	51·4	59·9	–	81	17	42	12	60·8	–	40	1·57	–	·32	20	16	13	0	0	0	0	0	0	–	–	–	–
	Walsall	9 9 9	455	68·6	52·3	60·5	–	81	17	43	12	–	–	53	2·09	–	·38	20	21	15	0	0	0	1	1	1	0	–	–	–
Shropshire	Newport	9 9 9	211	67·6	51·8	59·7	–	79	17	39	12	–	–	45	1·78	66	·30	1	22	12	0	0	0	0	0	1	–	4·78	–	33
	Oswestry	9 9 9	570	65·1	52·0	58·5	–	78	17	44	12,24	–	–	66	2·61	–	·34	26	22	18	0	0	0	1	2	0	0	5·10	–	35
	Shrewsbury	9 9 9	184	68·9	53·5	61·2	+0·8	82	17	40	12	62·2	61·2	42	1·67	–	·35	20	16	14	0	0	0	3	0	0	0	4·33	–	29
	Tern Hill	18–7 7	270	66·8	53·7	60·3	–	78	17	43	12			74	2·91	–	·46	2	20	17	0	0	0	1	0	0	0	–	–	–

¶§, 8 *See* Notes on Tables in Annual Summary.

TABLE III (*continued*)—Summary of Observations of Temperature, Rainfall, Sunshine and Weather AUGUST, 1943

DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation Max. Min. Rain	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES FAHRENHEIT: Means of A Max.	Means of B Min.	Mean of A and B	Difference from Average	Absolute Maximum and Minimum: Maximum	Date	Minimum	Date	Earth Temperature 1 ft	4 ft	RAINFALL: Total Fall mm	in	Percentage of Average	Most in a day: Amount in	Date	WEATHER Number of days: Precip'n 0·1in (0·3 mm or more)	Precip'n 0·4in (1·0 mm or more)	Snow	Snow lying	Hail	Thunderstorm	Fog (Morn'g Obs.)	Ground Frost	Gale	BRIGHT SUNSHINE: Daily Mean	Percentage of Average	Percentage of Possible
	G.M.T.	ft	°F	°F	°F	°F	°F		°F		°F	°F	mm	in	%	in												hr	%	%
4 MID COUNTIES—*cont.*																														
Worcester Droitwich ..	9 9 9	106	70·5	51·3	60·9	–	84	17	36	12	–	–	31	1·24	–	·45	20	13	9	0	0	0	2	0	–	–	5·11	–	35
Malvern	9 9 9	380	68·5	54·2	61·3	0·0	83	17	47	24	62·9	60·9	46	1·83	63	·59	20	13	8	0	0	0	0	0	0	–	5·38	94	37
Prestwood ..	9 9 9	260	70·3	51·8	61·1	–	83	17	39	12	–	–	41	1·63	–	·46	20	16	11	0	0	0	0	0	0	–	–	–	–
Worcester, P'well	9 9 9	94	71·1	52·2	61·7	+0·5	86	17	39	12	–	–	32	1·25	–	·46	20	9	7	0	0	0	0	–	0	–	5·34	–	37
Hereford Hereford ..	9 9 9	292	69·2	53·3	61·3	+1·3	81	17	42	12	–	–	45	1·75	67	·45	5	13	9	–	–	–	–	0	0	–	–	–	–
Ross-on-Wye ¶§	18–7 7	223	68·3	54·1	61·2	+0·7	82	17	41	12	62·8	60·5	53	2·08	81	·71	20	14	6	0	0	0	1	0	0	0	4·77	86	33
Gloucester Cheltenham ..	2121 9	214	70·2	53·6	61·9	+0·2	84	17	45	15,16	64·4	64·1	48	1·80	72	·46	21	14	9	0	0	0	1	0	0	0	4·96	90	34
Frampton Cotterell	9 9 9	158	69·4	53·5	61·5	–	82	17	43	12	62·9	60·4	105	4·14	–	·80	21	20	12	0	0	0	3	–	0	–	–	–	–
Parkend	9 9 9	325	67·3	52·0	59·7	–	81	17	39	12	61·2	59·5	89	3·51	–	·92	20	18	11	0	0	0	0	0	1	0	4·72	–	32
Stonehouse ..	9 9 9	150	70·0	53·7	61·9	–	85	17	41	12	–	–	50	1·97	–	·47	20	13	11	0	0	0	1	0	0	–	–	–	–
5 ENGLAND, S.E.																														
London City, Bunhill Row	—	—																									5·91	106	41
Camden Square ..	9 9 9	110	72·6	56·5	64·5	+0·8	83	20	49	12	63·4	60·3	33	1·29	58	·33	25	14	9	–	–	0	0	–	0	–	–	–	–
East Ham ..	9 9 9	15	72·7	56·4	64·5	+1·9	82	20	50	24	–	–	31	1·20	58	·34	5	10	8	–	–	–	–	–	–	–	–	–	–
Enfield	9 9 9	87	71·3	54·9	63·1	+0·8	81	20	43	12	–	–	31	1·20	50	·35	25	12	9	0	0	0	0	1	0	–	6·32	110	44
Greenwich ..	2424 9	149	73·0	54·0	63·5	+1·2	83	20	44	12	61·8	59·7	33	1·31	60	·53	5	15	7	0	0	0	1	0	1	0	6·25	103	43
	21 9 –	—	73·0	55·0	64·0																								
Hampstead ..	9 9 9	450	70·6	52·8	61·7	+0·6	80	20	45	12	–	–	34	1·34	–	·41	25	13	10	0	–	0	1	–	0	0	5·87	102	41
Kensington ..	18–9 9	80	72·6	56·3	64·5	+1·3	82	17,20	48	12	64·2	61·2	32	1·25	58	·33	25	17	10	0	0	0	0	–	0	0	–	–	–
Kingsway ..	—	—																									–	–	–
Regent's Park ..	9 9 9	129	71·7	56·5	64·1	–	81	20	43	12	–	–	34	1·33	–	·34	25	12	10	0	0	0	0	0	0	–	6·07	–	42
Kew ¶§	242424	18	70·3	55·2	62·7	+0·5	81	17	47	24	64·2	60·8	36	1·40	62	·47	26	11	9	0	0	0	1	0	0	0	5·97	106	41
Observatory ..	18–7 –	—	70·3	56·0	63·1	+0·4																					5·62	95	39
Southgate ..	9 9 9	221	71·4	54·8	(63·1)	–	81	18	47	12,(24)	(62·6)	–	(31)	(1·24)	–	(·40	25)	(14)	(8)	0	0	0	0	0	0	0	(5·71)	–	(39)
Tottenham ††¶§	2121 9	54	73·4	57·0	65·2	+2·0	83	20	50	12	–	62·7	36	1·41	69	·27	25	12	10	–	–	0	0	–	0	–	(6·10)	(101)	(42)
Wealdstone ..	9 9 9	204	71·7	53·4	62·5	–	82	17	42	12	–	–	45	1·75	75	·53	25	14	10	0	0	0	0	0	0	0	7·03	–	49
Westminster ..	9 9 9	27	71·9	57·1	64·5	+1·2	81	17	48	12	–	–	32	1·25	56	·31	25	14	8	0	–	0	1	–	0	–	5·89	101	41
Surrey Addington ..	9 9 9	473	70·3	53·8	62·1	+1·4	79	17,18,20	46	12	–	–	30	1·17	–	·42	5	12	8	–	–	–	–	0	–	–	–	–	–
Croydon	18–7 7	217	71·5	55·2	63·3	+1·2	81	16,17,20	43	12	–	–	30	1·17	50	·38	5	13	7	0	0	0	1	0	0	0	6·42	103	44
Farnham ..	9 9 9	260	71·5	51·5	61·5	–	81	17,18	40	24	–	–	43	1·70	–	·42	25	13	11	0	0	0	1	0	0	–	–	–	–
Milford	9 9 9	180	71·0	51·0	61·0	–	81	17	35	12	–	–	33	1·28	–	·40	25	13	9	0	0	0	1	0	0	–	6·92	–	48
Wisley	9 9 9	150	71·3	53·4	62·3	+0·6	81	16	42	12	63·7	60·6	33	1·29	62	·34	25	14	8	0	0	0	1	0	1	0	6·34	106	44
Kent Bromley	9 9 9	213	72·8	54·7	63·7	–	83	18	44	12	–	–	30	1·18	54	·41	4	11	6	0	0	0	0	0	0	–	–	–	–
Canterbury ..	9 9 9	135	72·3	54·3	63·3	+1·0	82	20	43	12	63·9	60·9	29	1·14	–	·25	13	13	9	–	–	–	–	0	–	–	–	–	–
Deal	9 9 9	18	71·0	55·6	63·3	–0·1	80	20	45	12	62·5	60·1	33	1·32	–	·41	5	13	6	0	0	0	2	0	0	–	7·00	102	48
Dover	5 5 5	200	69·3	51·7	60·5	–1·2	77	17	41	12	–	–	36	1·42	61	·29	6	9	8	0	0	0	3	–	–	–	–	–	–
Dungeness ..	18–7 7	20	68·5	55·8	(62·1)	+0·3	74	9	42	12	–	–	34	1·33	67	·37	5	12	9	0	0	0	2	0	–	0	–	–	–
East Malling ..	9 9 9	132	72·4	51·9	62·1	+0·7	82	18,20	42	24	–	–	35	1·37	–	·60	5	10	8	0	0	0	0	0	1	0	6·59	106	45
Goudhurst ..	9 9 9	290	70·7	51·8	61·3	–	81	20	38	12	–	–	34	1·34	–	·36	5	12	9	0	0	0	1	0	2	–	–	–	–
** Lympne	18–7 7	341	68·9	53·7	61·3	+0·6	77	17	45	12	–	–	32	1·26	54	·27	5	13	10	0	0	0	3	1	0	0	7·10	103	49
Manston	18–7 7	154	70·7	55·7	63·2	–	81	20	46	12	–	–	34	1·35	–	·35	13	13	9	0	0	0	3	0	0	0	6·56	–	45
Ramsgate ..	9 9 9	80	70·2	56·9	(63·5)	+1·0	–	–	–	–	–	–	34	1·32	–	·34	4	11	9	0	0	0	3	0	–	–	6·64	96	46
Tunbridge W. ..	9 9 9	351	70·8	52·8	61·8	+0·5	82	17	42	12	65·0	63·5	33	1·28	–	·50	5	9	7	0	0	0	0	0	0	0	6·82	106	47
Whitstable ..	9 9 9	9	72·2	55·5	63·9	–	83	18	45	12	–	–	30	1·19	–	·45	13	14	8	0	0	0	4	0	–	–	7·15	–	49
Wye	9 9 9	164	70·8	53·1	61·9	+0·2	80	17,18,20	45	16,28	–	–	27	1·08	–	·30	5	10	7	0	0	0	1	1	–	0	6·86	108	47
Margate .. ¶§	9 9 9	51	70·8	57·4	64·1	+1·0	82	20	49	12	65·0	62·7	26	1·03	53	·21	13	10	8	0	0	0	3	0	0	0	6·90	98	48
Sussex Beachy Head ..	18–7 7	502	65·5	56·1	60·8	+0·5	72	17	49	15	–	–	34	1·35	–	·20	5	15	9	0	0	0	2	1	–	–	–	–	–
Bexhill	9 9 9	12	67·4	56·8	62·1	–0·4	77	17	47	12	65·6	–	34	1·35	–	·35	20	13	10	0	0	0	2	0	0	–	–	–	–
Bodiam	9 9 9	71	71·0	52·3	61·7	–	78	17,19	39	12	–	–	25	·98	–	·25	20	10	9	0	0	0	0	0	0	–	7·18	–	49
Bognor	9 9 9	24	67·3	56·3	61·8	+0·1	73	18	47	12	–	–	33	1·29	–	·32	5	12	10	0	0	0	1	0	–	–	6·94	101	48
Hastings ¶§	2121 9	149																											
Horsham	9 9 9	350	72·1	50·2	61·1	–	82	17	37	12	60·3	–	39	1·53	–	·44	5	12	9	0	0	0	0	0	0	–	–	–	–
Littlehampton ..	9 9 9	15	68·3	56·3	62·3	+0·6	76	17	45	12	–	63·4	34	1·33	–	·38	5	14	11	0	0	0	1	0	–	–	6·76	100	47
Patcham ..	9 9 9	200	69·6	53·5	61·5	–	79	17	41	12	63·3	–	42	1·66	–	·32	5	14	11	0	0	0	0	–	0	0	–	–	–
Seaford	9 9 9	45	68·1	56·2	62·1	–	78	17	43	12	–	–	21	·81	–	·26	27	8	7	0	0	0	0	–	–	–	–	–	–
Thorney Is. ..	18–7 7	10	69·9	55·5	62·7	–	79	17	43	12	–	–	33	1·31	–	·33	25	11	8	0	0	0	0	1	1	0	0	–	–	–
Worthing ..	9 9 9	25	68·7	57·2	62·9	+1·0	75	17	49	12	64·6	62·2	34	1·33	59	·30	5	15	11	0	0	0	0	0	0	–	7·34	105	51
Berkshire Reading .. †	9 9 9	152	71·0	54·1	62·5	+1·1	81	17	42	12	63·7	61·0	38	1·49	–	·28	4	16	8	0	0	0	0	–	0	–	6·60	–	46
Shinfield ..	9 9 9	200	71·3	52·7	62·0	+0·8	81	17	44	24	–	–	37	1·44	–	·26	25	14	10	0	0	0	0	–	0	–	–	–	–
Hampshire Bournemouth ..	9 9 9	139	69·7	55·6	62·7	+1·0	80	17	45	24	63·1	62·0	45	1·79	71	·68	20	13	7	0	0	0	0	0	–	–	6·93	105	48
Bramley	9 9 9	196	71·2	51·5	61·3	–	81	17	38	12	63·8	62·1	42	1·65	–	·25	4	14	13	0	0	0	0	0	–	–	–	–	–
Leckford ..	9 9 9	385	69·7	52·8	61·3	–	82	17	44	12,24	62·3	–								0	0	0	1	0	–	–	7·12	–	49
Long Sutton ..	9 9 9	479	71·4	52·2	61·8	+0·7	81	17	41	12	–	–	47	1·87	–	·32	20	15	12	0	0	0	0	0	0	–	6·58	106	45
Portsmouth ..	9 9 9	15	69·8	58·1	63·9	+0·7	78	17	49	12	64·8	62·6	29	1·13	51	·25	25	13	10	0	0	0	0	0	0	–	6·88	102	47
Southampton ¶§	2121 9	64	70·4	55·0	62·7	+0·6	79	17	46	12,24	–	–	35	1·38	53	·28	21	13	8	0	0	0	0	0	0	0	7·24	115	50
S. Farnboro' ..	18–7 7	226	71·0	53·9	62·5	+1·2	81	17	42	12	–	–	48	1·89	85	·33	25	15	10	0	0	0	1	0	1	0	6·88	113	47
I. of Wight *Newport	9 9 9	48	69·0	53·9	61·5	–	77	17	43	12	–	–	36	1·40	–	·34	20	12	7	0	0	0	0	–	0	–	–	–	–
Ryde	9 9 9	13	69·9	57·0	63·5	+1·2	76	18	51	15	–	–	24	·93	–	·25	24	13	8	0	0	0	0	–	0	0	7·24	104	50
St. Catherine's Pt.	18–7 7	150	66·3	57·6	61·9	–	71	17	49	12	–	–	24	·94	–	·25	20	13	8	0	0	0	0	1	–	0	–	–	–
Sandown ..	9 9 9	13	68·8	57·6	63·2	+0·8	75	18	50	15	–	–	21	·83	–	·24	25	10	6	0	0	0	1	0	–	–	7·30	107	50
Totland Bay ..	9 9 9	140	67·8	57·2	62·5	+1·1	78	17	46	12	–	–	28	1·12	50	·33	20	10	6	0	0	0	1	0	0	1	7·23	109	50
Ventnor(Hospital)	9 9 9	60	67·6	58·0	62·8	+0·4	72	17	52	12,14,15	–	–	23	·90	45	·19	20	11	7	0	0	0	0	–	–	0	6·92	103	41
Wiltshire Amesbury ..	18–7 7	417	69·0	52·6	60·8	–	82	17	44	12	–	–	53	2·08	–	·37	20	15	13	0	0	0	0	1	0	0			
Larkhill	9 9 9	440	68·0	53·0	60·5	+0·5	81	17	43	12	–	–	53	2·09	96	·67	20	17	11	0	0	0	0	0	0	0	–	–	–
Marlboro' ¶§	9 9 9	424	69·8	51·4	60·6	+1·6	81	17	36	12	61·3	58·7	69	2·72	103	·57	20	14	12	0	0	0	0	0	(1)	0	6·92	127	48
Porton	9 9 9	363	69·2	52·1	60·7	+1·0	82	17	40	12	62·8	–	49	1·91	85	·55	20	17	12	0	0	0	1	0	0	0	6·28	103	43

¶§, § *See* Notes on Tables in Annual Summary. †† Tottenham is used as a "district value" station for England, E., and not for England, S.E. † Sunshine recorder is at Seed Trial Grounds.
* Sunshine recorder and earth thermometers at Staplers. ** Height changed on June 25th, 1943.

TABLE III (*continued*)—Summary of Observations of Temperature, Rainfall, Sunshine and Weather AUGUST, 1943

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation: Max. Min. Rain	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES FAHRENHEIT: Means of A Max.	Means of B Min.	Mean of A and B	Difference from Average	Absolute Maximum and Minimum: Maximum	Date	Minimum	Date	Earth Temperature 1 ft	4 ft	RAINFALL: Total Fall mm	Total Fall in	Percentage of Average	Most in a day: Amount	Most in a day: Date	WEATHER Number of days: Precip'n ·01in (0·2mm) or more	Precip'n ·04in (1·0mm) or more	Snow	Snow lying	Hail	Thunderstorm	Fog (Morn'g Obs.)	Ground Frost	Gale	BRIGHT SUNSHINE: Daily Mean	Percentage: of Average	Percentage: of Possible
		G.M.T.	ft	°F	°F	°F	°F	°F		°F		°F	°F	mm	in	%	in											hr	%	%
7a ENGLAND, N.W.																														
Cumberland	Keswick	9 9 9	254	64·0	52·8	58·4	+0·5	74	1	45	27	60·0	57·7	203	7·98	153	1·77	5	28	25	0	0	0	1	0	0	0	2·76	65	19
	Newton Rigg ¶§	2121 9	560	64·3	50·4	57·3	+0·4	72	1	42	4,12,27	–	–	141	5·56	156	1·20	5	24	20	0	0	0	4	0	0	0	3·33	72	22
Westmorland	Ambleside ..	9 9 9	145	64·6	52·1	58·3	–	75	17	42	12	–	–	277	10·90	–	2·04	29	29	24	0	0	0	1	0	–	–	2·49	–	17
	Appleby	9 9 9	440	64·2	50·2	57·2	+0·5	73	1	37	12	–	–	126	4·97	151	1·40	5	25	19	0	0	1	2	–	–	–	–	–	–
Lancashire	Blackpool ..	9 9 9	65	65·0	54·8	59·9	+0·2	76	17	47	4,26	62·5	60·5	136	5·37	150	·86	7	26	19	0	0	1	2	1	0	–	4·49	82	30
	Bolton	9 9 9	342	65·5	51·8	58·7	−0·2	75	17	44	12,15	60·0	57·1	171	6·73	147	1·26	26	27	22	0	0	0	–	0	–	–	3·68	90	25
	Burnley	9 9 9	458	63·5	52·3	57·9	0·0	73	1	44	15	60·0	57·7	147	5·80	–	·69	7	28	24	0	0	0	0	0	0	–	–	–	–
	Darwen	2121 9	724																											
	Fleetwood ..	9 9 9	21	65·9	54·8	60·3	–	75	20	48	26	–	–	153	6·01	–	·87	23	25	21	0	0	0	2	0	0	1				
	Hutton	9 9 9	82	65·5	53·5	59·5	+0·6	75	17	45	12	61·1	59·1	140	5·51	–	1·00	7	20	18	0	0	0	1	–	0	0	4·05	83	27
	Leyland	9 9 9	125	65·9	53·1	59·5	+1·3	75	17	44	12	–	–	139	5·46	141	1·20	26	22	19	0	0	0	1	0	0	–	–	–	–
	Manchester (Burnage) ..	9 9 9	147	67·4	53·5	60·5	–	76	17	44	12	–	–	115	4·54	–	·68	8	22	17	0	0	0	1	0	–	–	3·32	–	23
	(Whitworth Pk.)	2121 9	125	67·3	54·1	60·7	+0·7	79	17	45	12	60·3	(57·7)	137	5·40	157	1·00	2	23	20	0	0	0	2	0	0	0	(3·08)	(76)	(21)
	Morecambe ..	9 9 9	23	64·1	55·3	59·7	−0·4	73	1,17	49	4,26	–	–	162	6·39	158	1·22	7	24	20	0	0	0	2	0	–	0	4·31	82	29
	Nelson	9 9 9	540																											
	Southport (Bedford Rd.Pk.)¶§	9 9 9	35	65·8	54·6	60·2	+0·7	76	17	47	4	60·7	59·4	119	4·68	134	·77	26	23	21	0	0	0	2	0	0	0	4·80	86	33
	Stonyhurst ¶§	9 9 9	377	63·6	53·0	58·3	0·0	72	1,20	47	26	–	–	202	7·94	157	1·79	7	25	23	0	0	0	2	1	0	0	3·55	75	24
Cheshire	Bidston Obs'y ..	9 9 9	198	65·1	54·6	59·9	+0·4	76	17	49	26	–	–	77	3·02	98	·57	20	19	16	–	–	–	1	0	0	–	4·35	83	30
	Hoylake	9 9 9	22	67·0	55·1	61·1	+1·0	77	17	46	4	–	–	89	3·49	119	·70	20	20	16	0	0	0	0	–	0	–	4·69	85	32
	Macclesfield ..	9 9 9	500	66·1	53·0	59·5	+0·8	76	1	44	12	–	–	89	3·50	92	·69	8	25	18	0	0	0	1	0	–	–	–	–	–
	Manchester (Ringway) ..	18–7 7	235	66·0	53·5	59·7	–	76	17	45	12	–	–	113	4·47	–	·67	8	22	17	0	0	0	1	0	0	0	–	–	–
	Warburton ..	9 9 9	68	67·7	52·6	60·1	–	77	17	44	15,24	–	–	107	4·22	–	·51	8,24	21	18	0	0	0	1	0	0	–	4·22	–	29
	West Kirby ..	9 9 9	25	67·5	54·8	61·1	−0·5	79	17	49	4	–	–	94	3·71	119	·73	20	21	15	0	0	2	3	0	0	–	4·65	83	32
7b NORTH WALES																														
Flint	Hawarden B'dge	9 9 9	17	69·1	54·0	61·5	+1·2	77	17	45	24	–	–	52	2·06	–	·30	26	23	13	0	0	0	0	0	–	–	–	–	–
	Prestatyn ..	9 9 9	18	67·3	55·6	61·5	–	77	17	46	4	–	–	66	2·61	–	·38	8	17	14	0	0	0	1	0	–	–	4·02	–	37
	Rhyl	9 9 9	31	66·5	55·2	60·9	+1·0	79	17	45	4	–	–	58	2·30	81	·39	1	20	16	0	0	0	1	0	0	0	4·40	79	29
	Sealand .. ¶§	18–7 7	16	68·2	54·8	61·5	+2·0	78	17	46	24	61·2	58·6	55	2·16	79	·25	26	21	17	0	0	0	2	0	0	0	5·13	100	35
Anglesey	Holyhead ¶§	7 7 7	26	64·4	54·8	59·6	+0·5	78	16	50	4,12	–	–	94	3·71	117	·61	5	22	16	–	–	–	–	–	0	0	4·98	90	34
	Holyhead (Valley)	18–7 7	32	64·6	54·5	59·5	–	81	17	43	4,12	–	–	74	2·90	–	·35	27	21	17	0	0	0	1	1	0	0	–	–	–
Denbigh	Colwyn Bay ..	9 9 9	118	66·0	54·9	60·5	0·0	78	17	46	4	–	–	70	2·76	–	·35	2,26	18	15	0	0	0	2	0	–	–	4·32	82	29
Carnarvon	Aber	9 9 9	60	65·1	55·3	60·2	0·0	80	17	47	4	–	–	107	4·22	–	1·02	5	22	18	0	0	0	2	0	0	0	4·16	81	28
	Llandudno ..	9 9 9	13	65·6	55·5	60·5	+0·2	79	17	47	4	–	–	64	2·51	89	·45	8	19	14	0	0	0	2	0	0	0	4·63	85	31
Montgomery	Lake Vyrnwy ..	9 9 9	750	63·8	50·6	57·2	–	77	1	41	12,24,26	–	–	145	5·70	–	·88	29	23	19	0	0	0	2	0	0	–	–	–	–
	Welshpool ..	9 9 9	254	68·1	51·2	59·7	+0·2	82	17	39	24	–	–	57	2·24	75	·33	14	19	16	0	0	1	3	1	–	–	–	–	–
8a SOUTH WALES																														
Cardigan	Aberporth ..	18–7 7	376	64·5	53·6	59·1	–	80	17	46	26	–	–	87	3·41	–	·45	5	23	19	0	0	0	0	0	0	0	4·77	–	33
	Aberystwyth ..	9 9 9	12	64·9	56·4	60·7	+0·5	80	17	50	24	–	–	94	3·69	–	·41	20	25	22	0	0	0	1	0	–	–	4·53	89	31
	„ Llety-evan-hen	9 9 9	950	60·6	51·8	56·2	–	75	17	46	24	–	–	117	4·60	–	·63	27	25	24	0	0	0	0	–	0	–	3·09	–	21
	„ P.B.S.†	9 9 9	452	64·4	53·7	59·1	0·0	79	17	47	24	–	–	120	4·74	–	·54	20	26	24	0	0	0	1	2	0	0	4·57	88	31
Pembroke	Haverfordwest ..	2121 9	127	65·6	53·7	57·9	+1·0	77	17	45	12	–	–	89	3·52	–	·45	27	25	15	0	0	0	0	0	–	–	5·38	95	37
	St. Ann's Hd. ¶§	18–7 7	142	63·0	56·1	59·5	+0·2	73	17	50	12	–	–	66	2·60	78	·45	5	21	15	0	0	0	0	0	–	2	4·72	83	33
	Tenby	9 9 9	64	65·2	54·5	59·9	−0·6	73	17	47	15,24	–	–	81	3·21	–	·49	5	21	17	0	0	0	0	0	0	–	5·28	90	36
Radnor	Rhayader ¶§	9 9 9	757	54·3	51·7	58·0	+1·2	77	17	41	26	–	–	121	4·77	106	1·01	24	28	16	0	0	0	0	0	0	0	3·85	82	26
Brecknock	Cantref	9 9 9	1080	62·0	50·2	56·1	–	75	17	41	24	–	–	180	7·10	–	·96	29	26	22	0	0	0	0	4	–	–	3·44	–	24
	Crickhowell ..	9 9 9	230	58·6	52·8	60·7	–	80	17	40	12	–	–	69	2·72	–	·47	19	18	14	0	0	0	0	0	0	–	–	–	–
Glamorgan	Cardiff	2121 9	203	57·5	54·3	60·9	+0·6	78	17	47	15,24	62·2	59·3	116	4·55	108	·97	20	21	17	0	0	0	0	0	0	0	5·54	93	38
	St. Athan ..	18–7 7	145	65·8	54·9	60·3	–	80	17	43	12	–	–	102	4·03	–	·97	20	19	16	0	0	0	0	0	0	0	–	–	–
	Swansea	9 9 9	32	66·5	56·5	61·5	−0·6	79	17	47	12	64·8	61·3	130	5·12	–	·73	5	25	18	0	0	0	0	0	0	–	4·54	82	31
8b ENGLAND, S.W.																														
Monmouth	Newport ..	9 9 9	265	68·6	54·1	61·3	+0·2	81	17	47	12,15,24	63·9	63·1	116	4·57	–	1·05	20	22	17	0	–	0	1	0	–	–	5·73	–	39
	Usk	9 9 9	70	67·9	(53·0)	60·5)	(+0·6)	80	17	40	12	63·1	–	55	2·15	–	·50	20	13	11	0	0	0	0	2	0	0	–	–	–
Somerset	Bath .. ¶§	9 9 9	67	68·6	54·6	61·6	−0·1	81	17	43	12	64·5	62·0	83	3·27	111	·66	25	17	11	0	0	1	1	0	–	0	6·11	105	42
	Bristol (Airport) ..	18–7 7	209	68·1	54·1	61·1	–	81	17	43	12	–	–	92	3·62	–	·62	21	17	16	0	0	0	2	0	0	0	5·97	–	41
	Cannington ..	9 9 9	95	68·9	55·0	61·9	–	83	17	45	24	–	–	97	3·83	–	1·16	20	21	15	0	0	0	0	0	0	0	5·67	–	39
	Long Ashton ..	9 9 9	162	68·3	52·9	60·6	−0·3	82	17	41	12	–	–								0	0	0	1	0	0	–	6·06	103	42
	Weston-s.-Mare ..	9 9 9	28	68·5	55·9	62·2	–	82	17	47	12	–	–	96	3·78	113	·55	20	19	13	0	0	0	3	0	0	–	5·72	99	39

¶§, § *See* Notes on Tables in Annual Summary. † Plant Breeding Station.

TABLE III (*continued*)—Summary of Observations of Temperature, Rainfall, Sunshine and Weather AUGUST, 1943

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation: Max. Min. Rain	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES FAHRENHEIT: Means of A Max.	Means of B Min.	Mean of A and B	Difference from Average	Absolute Maximum and Minimum: Maximum	Date	Minimum	Date	Earth Temperature 1 ft	4 ft	RAINFALL: Total Fall mm	in	Per centage of Average	Most in a day: Amount	Date	WEATHER Number of days: Precip'n 01in (0·2mm) or more	Precip'n 04in (1·0mm) or more	Snow	Snow lying	Hail	Thunderstorm	Fog (Morn'g Obs.)	Ground Frost	Gale	BRIGHT SUNSHINE: Daily Mean	Percentage of Average	Percentage of Possible
		G.M.T.	ft	°F	°F	°F	°F	°F		°F		°F	°F	mm	in	%	in												hr	%	%
8b ENGLAND, S.W.—*cont.*																															
Dorset	Holton Heath ..	9 9 9	64	68·8	53·8	61·3	+0·8	78	17	43	12,16,24	65·8	64·9	41	1·61	–	·92	20	14	6	0	0	0	0	0	0	0	6·67	106	46
	Poole	9 9 9	18	70·4	54·4	62·4	–	81	17	44	15,16	–	–	41	1·62	–	·68	20	15	7	0	0	0	0	0	–	–	6·73	–	46
	Portland Bill ..	18–7 7	32	63·0	58·0	60·5	−0·8	66	6	54	12	–	–	39	1·54	79	·69	20	12	8	0	0	0	0	0	–	0	–	–	–
	Shaftesbury ..	9 9 9	722	66·5	51·0	58·7	–	78	17,18	44	15	–	–	101	3·96	–	1·27	20	14	13	0	0	0	0	–	–	–	–	–	–
	Swanage	9 9 9	14	67·5	55·9	61·7	–	72	6,16,17	48	24	–	60·2	36	1·43	–	·78	20	14	5	0	0	0	0	0	0	–	7·33	–	51
	Weymouth ..	9 9 9	16	67·5	56·2	61·9	−0·8	72	16	48	24	–	–	42	1·67	78	·87	20	11	7	0	0	0	0	0	–	–	6·48	96	45
Devon	Barnstaple ..	9 9 9	25	65·8	55·2	60·5	+0·3	81	17	42	12	–	–	63	2·50	76	·36	20	20	16	–	–	–	–	0	0	–	–	–	–
	Cullompton ¶§	9 9 9	202	70·2	53·2	61·7	+0·6	81	17	40	12	63·3	–	71	2·78	91	·56	20	21	13	0	0	0	0	0	0	–	5·05	85	35
	Dawlish	9 9 9	17	68·4	55·1	61·7	–	76	10,18	45	12,24	–	–	64	2·52	–	·61	25	11	10	–	–	–	–	0	0	–	6·52	–	45
	Exmouth ..	9 9 9	195	66·9	55·3	61·1	0·0	75	18	46	24	–	–	63	2·49	–	·63	4	15	10	0	0	0	0	0	0	0	6·04	101	42
	Hartland Pt. ..	18–7 7	299	63·2	56·8	60·0	–	78	17	50	24	–	–	68	2·66	–	·36	4	20	18	0	0	0	0	0	0	0	4·95	–	34
	Ilfracombe ..	9 9 9	25	66·2	56·6	61·4	−0·1	81	17	49	12	64·5	62·4	82	3·22	93	·53	5	19	15	0	0	0	2	0	0	–	5·76	101	40
	Killerton ..	9 9 9	159	69·5	52·1	60·8	+0·3	79	17	40	12	–	–	61	2·41	–	·45	20	12	12	–	–	–	–	0	3	–	–	–	–
	*Newton Abbot ..	9 9 9	375	67·5	52·6	60·1	−1·4	77	16	43	24	–	–	69	2·70	105	·66	4	16	12	0	0	0	0	0	0	–	5·71	93	39
	Plymouth (Hoe)	2121 9	117	66·0	56·7	61·3	+0·3	76	17	49	24	60·9	59·7	79	3·12	101	·86	4	17	11	0	0	0	1	0	0	0	5·66	92	39
	Plymouth (Mount Batten) ..	18–7 7	86	64·8				75	17	47	12,15,16	–	–								0	0	0	1	0	0	1	5·52	94	38
	Princetown ..	9 9 9	1359	61·3	51·1	56·2	−0·7	70	16	45	24	–	–	209	8·21	120	1·03	20	21	19	0	0	0	0	4	0	–	–	–	–
	Seaton	9 9 9	43	67·0	55·1	61·1	–	74	17	43	24	–	–	61	2·39	–	·80	20	12	10	0	0	0	0	0	0	–	–	–	–
	Sidmouth ..	9 9 9	25	67·0	55·3	61·1	+0·6	75	10	45	12	–	–	57	2·26	–	·65	25	9	9	0	0	0	0	0	0	–	6·12	–	42
	Tavistock ..	9 9 9	457	66·1	51·2	58·7	−0·6	78	17	39	12	–	62·3	100	3·93	99	·62	19	14	13	0	0	0	0	0	0	1	–	–	–
	Teignmouth ..	9 9 9	20	68·0	55·4	61·7	−0·6	75	10,18	48	12,16	–	–	60	2·36	104	·70	4	13	10	0	0	0	0	0	0	–	6·52	102	45
	Torquay	9 9 9	27	67·3	55·8	61·5	−0·7	73	18	47	12,24	–	62·9	59	2·31	93	·61	4	14	11	0	0	0	0	0	0	0	6·34	95	44
	Totnes	9 9 9	100	67·1	52·5	59·8	–	75	16	38	24	60·7	–	101	3·98	–	1·02	4	17	14	0	0	0	0	–	1	0	–	–	–
Cornwall	Bude	9 9 9	50	65·5	56·1	60·8	+0·1	84	17	45	12	–	–	72	2·84	101	·38	20	22	16	0	0	0	0	0	–	–	4·81	83	33
	Ellbridge	9 9 9	200	66·5	54·4	60·5	–	80	17	43	24	–	–	112	4·41	–	1·02	4	20	16	0	0	0	0	0	0	–	5·06	–	35
	Falmouth Obs. ¶§	9 9 9	167	66·4	55·6	61·0	−0·1	71	17,18	50	15,24,26	64·2	62·8	64	2·54	78	·59	4	21	14	0	0	1	1	0	0	–	5·44	86	38
	Fowey	9 9 9	51																											
	Gulval	9 9 9	20	65·2	55·7	60·5	−0·5	72	17	49	4,15,24	–	–	66	2·61	–	·62	4	21	14	0	0	0	0	0	0	–	5·29	83	37
	The Lizard ..	18–7 7	240	64·0	55·8	59·9	–	69	17	51	26	–	–	49	1·93	–	·54	4	19	18	0	0	0	1	2	–	0	5·76	–	40
	Newquay ..	9 9 9	182	66·0	55·8	60·9	+0·5	75	17	48	12,24	62·9	60·4	54	2·11	81	·38	4	20	12	0	0	0	0	1	–	0	5·47	89	38
	Penzance ..	9 9 9	55	66·2	55·5	60·9	−1·1	72	17	50	12,15	–	–	73	2·89	91	·68	4	18	16	0	0	0	0	0	–	–	5·17	81	36
	Tintagel	9 9 9	280	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
NORTHERN IRELAND																															
Londonderry	Castlerock ..	7 7 7	57	63·0	52·6	57·8	–	71	17	44	26	–	–	135	5·32	–	·73	28	25	20	0	0	0	0	0	0	0	–	–	–
	Garvagh .. ¶ (Moneydig)	7 7 7	121	63·4	50·1	56·7	−0·1	71	17	42	12,24	–	–	146	5·75	147	·67	1	29	19	0	0	0	2	0	1	–	–	–	–
Antrim	Aldergrove ¶§	18–7 7	268	62·8	50·8	56·8	−0·9	69	17	41	3	–	–	136	5·36	149	·56	28	26	23	0	0	0	1	0	0	0	2·99	68	20
Down	Ballyhalbert ††	9 9 9	34	63·1	52·1	57·6	–	69	10	45	12,24	–	–	118	4·65	–	·59	4	23	17	0	0	0	1	0	0	0	3·33	–	22
	Hillsborough §	9 9 9	388	61·9	50·6	56·3	–	68	17	43	3,12	58·9	–	123	4·84	–	·72	15	24	21	0	0	0	0	0	0	0	2·50	56	17
Armagh	Armagh .. ¶§	2121 9	205	64·2	51·2	57·7	−0·4	71	17	43	24	62·7	59·0	101	3·97	110	·59	15	27	19	0	0	0	1	0	0	0	3·54	82	24
Scilly	St. Mary's	18–7 7	163	65·2	56·5	60·9	+0·4	72	16	52	12,26	–	–	46	1·80	69	·36	4	22	10	0	0	0	0	1	–	0	5·42	85	38
GIBRALTAR		18–7 7	400	79·2	69·8	74·5	−1·8	87	6	65	3,4,26	–	–	0·1	0·0	–	–	19	0	0	0	0	0	0	0	0	0	10·98	–	81
MALTA		18–7 7	231	85·6	74·0	79·8	+0·9	91	4,23	71	12	–	–	–	–	0	–	–	0	0	0	0	0	0	1	0	–	0	12·05	109	91

¶§. § *See* Notes on Tables in Annual Summary. †† Sunshine recorder is at Mount Stewart. * Seale-Hayne College.

TABLE III (*a*)—SKY OBSERVATIONS, AUGUST, 1943

WEATHER DIARY ROYAL OBSERVATORY, GREENWICH	Number
Persistently overcast days	0
„ cloudless „	0
„ foggy „	0

NIGHT SKY RECORDER**	GREENWICH	PORTON
Recorder in operation on	31 nights	17 nights
Average exposure (hours)	7·4	6·6
Polaris unobscured (per cent.)	55	45
δ Ursæ Minoris (ditto)	51	38

** *See* Meteorological Magazine, May, 1920, p. 70.

TABLE III (*b*)—SOLAR RADIATION

DIRECT SOLAR RADIATION KEW OBSERVATORY

	Cal./cm.²/diem.
Max. (on 16th.) ..	704
Mean	255·7

TABLE IV—Summary of Observations at fixed hours AUGUST, 1943

DISTRICT, COUNTY AND PLACE	Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE: At Mean Sea Level	MEAN PRESSURE: Difference from Average	TEMPERATURE AND HUMIDITY: Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	CLOUD AMOUNT: Mean Amount	CLOUD AMOUNT: No. of Observations: 0	1 to 3	4 to 6	7 to 9	10	VISIBILITY: Number of Observations: Fog: 0	1	2	3	Mist Poor Vis. Mod. Vis.: 4	5	6	Good Visibility: 7	8	9	WIND, NUMBER OF OBSERVATIONS: Force (0-12): 8 or more	6 to 7	4 to 5	1 to 3	Calm	Direction: N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
	G.M.T.	ft	mb	mb	°F	°F	mb	%																												
0 SCOTLAND, N.																																				
Shetlands Sumburgh (Links)	1	23	1007·9	–	51·0	1·5	11·4	90	7·4	0	6	3	15	7	0	0	1	0	2	1	1	6	17	3	0	0	12	17	2	8	1	4	3	4	3	2	4
	7	23	1007·8	-1·5	52·4	2·2	11·4	85	7·6	0	4	4	15	8	0	0	0	0	1	1	2	2	16	9	0	0	16	14	1	4	3	7	2	2	5	5
	13	23	1008·8	–	54·7	3·3	11·5	78	7·6	0	3	7	13	8	0	0	0	0	1	2	2	1	16	10	0	0	19	12	0	3	5	3	5	2	5	3	5
	18	23	1008·5	–	53·4	2·7	11·4	82	7·5	0	3	5	15	8	1	0	0	0	1	3	1	2	10	13	0	2	17	12	0	2	6	4	3	4	3	4	5
Hebrides Benbecula	1	27	1007·8	–	53·3	1·6	12·4	89	8·0	0	2	7	5	17	0	0	0	0	0	0	3	6	20	2	0	1	19	10	1	4	2	8	4	3	2	5	2
	7	27	1007·7	–	53·9	1·8	12·6	88	8·8	0	0	2	18	11	0	0	0	0	0	0	2	5	16	8	0	4	18	8	1	4	2	7	4	4	2	4	3
	13	27	1007·9	–	56·0	2·3	13·1	85	8·4	0	0	3	19	9	0	0	0	0	0	0	4	3	14	10	0	4	19	8	0	4	3	5	4	3	4	4	4
	18	27	1008·0	–	56·0	2·3	13·0	83	8·6	0	0	4	22	5	0	0	0	0	0	0	3	1	18	9	0	3	18	10	0	6	4	4	3	2	1	5	2
	1	83	1008·3	–	52·0	1·6	11·8	89	8·3	0	3	3	11	14	0	0	0	0	0	0	5	14	12	0	0	1	9	18	3	3	6	5	3	1	5	4	1
	7	83	1007·8	-2·0	52·4	1·5	12·1	90	8·2	0	2	3	16	10	0	0	0	0	0	1	5	7	15	3	0	1	12	13	5	3	4	4	3	4	4	2	2
Stornoway	13	83	1007·9	–	56·3	3·4	12·2	79	9·1	0	0	1	17	13	0	0	0	0	0	0	3	4	2	18	7	1	2	17	10	1	5	4	6	3	3	0	5
	18	83	1008·1	–	55·1	2·8	12·2	82	8·5	0	1	2	18	10	0	0	0	0	0	0	3	3	15	7	0	4	12	14	1	5	7	2	0	5	4	3	4
	1	117	1008·5	–	50·0	0·7	11·5	95	6·1	1	9	8	3	10	1	0	0	0	1	0	3	6	18	2	0	0	6	19	6	2	3	1	5	2	5	4	3
	7	117	1008·7	-1·2	51·5	1·0	12·2	93	7·7	1	2	3	20	5	1	0	0	0	0	1	3	5	14	9	0	0	5	22	4	4	1	3	2	8	4	0	4
Caithness Wick	13	117	1008·8	–	56·6	2·7	13·0	83	7·9	0	2	4	19	6	0	0	0	0	0	1	3	4	6	17	0	0	10	21	0	4	1	3	2	8	4	0	4
	18	117	1008·5	–	54·8	2·0	13·0	89	8·3	0	2	3	18	8	0	0	0	1	0	1	3	4	10	12	0	0	9	19	3	1	4	1	10	2	4	2	6
	1	371	1007·9	–	51·4	1·6	11·5	88	8·5	1	1	1	22	6	0	1	0	0	0	1	5	15	9	0	1	11	19	0	5	3	5	4	1	3	4	3	3
	7	371	1007·7	–	51·5	2·0	11·1	86	9·0	0	0	1	23	7	0	1	1	0	0	0	5	11	13	0	1	12	18	0	9	2	8	4	1	3	3	1	1
Sutherland Cape Wrath	13	371	1008·4	–	54·4	2·5	12·1	83	8·8	0	0	2	23	6	1	0	0	0	0	0	1	4	10	15	0	1	11	19	0	6	1	8	3	1	8	3	1
	18	371	1007·8	–	53·6	1·9	12·2	88	8·3	1	2	2	20	6	0	0	0	1	0	0	3	5	9	13	0	3	10	18	0	6	2	8	2	0	3	5	2
	1	19	1008·8	–	50·2	1·2	11·4	91	7·4	1	3	5	12	10	0	0	0	0	0	1	1	5	16	8	0	2	4	16	11	2	4	2	0	4	3	3	3
Ross and Cromarty ** Invergordon	7	19	1008·6	–	52·2	1·7	11·9	88	7·6	0	1	4	17	9	0	0	0	0	0	0	3	3	11	14	0	0	5	15	11	1	1	5	0	0	5	5	3
	13	19	1008·3	–	59·2	5·0	12·2	71	8·9	0	0	2	19	10	0	0	0	0	0	0	2	2	7	20	0	2	9	18	2	2	1	8	2	2	5	4	3
	18	19	1008·1	–	57·0	3·6	12·4	78	8·6	0	1	4	16	10	0	0	0	0	0	0	2	1	9	19	0	1	9	19	2	1	5	7	1	2	5	4	4
	7	1180	966·8	–	48·9	1·6	10·4	88	8·5	0	1	4	12	14	0	0	0	0	0	0	1	2	16	12	0	0	1	3	26	1	2	5	2	3	9	7	2
Inverness Dalwhinnie †	13	1180	966·8	–	55·6	4·4	10·9	72	9·0	0	0	0	2	15	14	0	0	0	0	0	0	3	11	17	0	0	0	7	24	0	2	2	3	3	6	10	2
	18	1180	966·8	–	53·4	2·9	11·2	81	9·1	0	0	0	3	15	13	0	0	0	0	0	0	2	12	17	0	0	0	7	24	0	3	3	2	1	9	7	4
1 SCOTLAND, E.																																				
	1	24	1008·6	–	51·8	1·9	11·5	87	7·5	1	3	5	10	12	0	0	0	0	0	0	1	3	18	9	0	0	5	25	1	4	2	2	5	5	7	2	3
	7	24	1008·6	–	53·6	2·6	11·7	84	7·8	0	4	3	15	9	0	0	0	0	0	0	2	0	12	17	0	0	7	23	1	3	0	4	8	2	0	3	4
Moray Lossiemouth	13	24	1008·7	–	(58·9)	(4·7)	(12·4)	(73)	8·5	0	0	5	19	7	0	0	0	0	0	0	2	1	7	21	0	0	12	18	1	4	2	3	6	6	2	2	5
	18	24	1008·3	–	57·2	3·5	12·6	78	8·7	0	0	2	20	9	0	0	0	0	0	0	2	1	14	15	0	0	11	20	0	2	3	6	6	2	2	0	5
	7	85	1009·0	-1·8	53·7	2·7	11·5	82	7·5	0	7	0	14	10	0	0	0	0	0	0	6	3	21	1	0	0	3	28	0	2	0	2	3	6	7	2	2
	13	85	1009·0	–	58·5	5·3	11·5	69	8·2	0	1	6	13	11	0	0	0	0	1	0	6	2	15	7	0	0	5	26	0	4	1	2	5	9	3	2	1
Aberdeen Aberdeen H	18	85	1008·7	–	56·6	3·8	11·9	77	8·4	0	3	0	18	10	0	0	0	1	0	1	4	6	15	4	0	3	6	3	3	3	6	3	3	9	3	1	3
	21	85	1009·0	–	54·2	2·7	11·9	83	7·7	0	6	1	11	13	0	0	0	0	1	2	5	10	13	0	0	1	0	30	0	3	2	1	1	6	5	4	9
	h.*	85	1008·9	-2·0	55·0	3·3	11·8	79																												
Braemar ‡	9	1108	1009·8	-1·0	52·2	2·9	10·7	80	8·7	0	1	2	11	17	0	0	0	0	0	17	6	5	3	0	0	2	6	18	5	1	5	3	4	3	1	5	4
	1	237	1008·8	–	50·8	1·0	11·8	93	7·3	1	5	4	12	9	0	0	1	0	0	1	2	8	14	5	0	0	6	18	7	4	0	1	2	4	4	7
	7	237	1008·9	–	52·1	1·6	11·8	89	7·6	0	6	2	12	11	0	0	0	0	1	1	1	3	11	13	0	0	7	20	4	2	0	2	5	4	6	3	5
Dyce	13	237	1008·8	–	58·2	4·4	12·2	74	8·5	0	1	2	18	10	0	0	0	0	2	1	1	5	10	12	0	0	11	20	0	4	1	3	6	7	2	2	3
	18	237	1008·6	–	56·0	3·0	12·4	81	8·4	0	3	2	15	11	0	0	0	0	2	1	5	3	10	10	0	1	10	18	2	4	3	3	4	8	3	1	3
	1	22	1009·1	–	52·8	1·7	12·0	88	7·3	0	6	3	11	11	0	1	0	0	0	1	1	0	5	23	3	0	5	23	3	3	6	1	2	5	2	5	3
Angus Montrose (Airf'd)	7	22	1009·2	–	53·3	2·1	11·9	86	6·7	0	8	3	13	7	0	0	0	0	0	2	4	4	9	12	0	0	5	23	3	3	3	2	5	2	5	5	3
	13	22	1009·0	–	59·5	4·8	12·5	72	8·1	0	2	5	11	13	0	0	0	0	0	2	4	6	4	15	0	0	10	21	0	4	2	4	4	5	6	4	2
	18	22	1008·9	–	57·6	3·7	12·5	78	7·7	0	4	3	17	7	0	0	0	0	0	1	3	8	7	11	0	0	8	22	1	2	4	4	3	6	5	5	1
	1	33	1008·8	–	52·0	1·4	12·1	89	7·2	1	7	2	5	16	0	0	0	0	0	0	1	3	9	14	2	0	0	4	21	6	2	4	4	3	1	3	8	3	1
	7	33	1008·5	–	53·1	1·6	12·4	87	7·2	0	5	5	10	11	0	0	0	0	0	1	7	7	7	9	0	0	1	1	25	4	2	9	4	4	0	0	5	6	1	4
Perth Errol	13	33	1008·7	–	57·9	2·7	12·9	74	8·8	0	1	2	13	15	0	0	0	0	0	0	6	6	12	7	0	0	1	8	21	1	1	5	4	4	2	2	5	5	4	0
	18	33	1008·5	–	58·2	3·6	13·0	79	8·4	0	0	5	17	9	0	0	0	0	0	0	5	5	15	5	0	0	11	18	2	1	5	6	2	2	7	6	0
	1	36	1008·7	–	52·8	1·5	12·4	90	7·1	2	4	5	6	14	0	0	0	0	0	1	9	9	11	1	0	0	7	12	12	0	2	5	2	1	6	3	0
Fife Leuchars H	7	36	1008·9	-1·1	53·6	1·6	12·7	89	7·5	0	5	4	10	12	0	0	0	0	0	0	7	7	10	7	0	0	6	18	7	2	3	6	2	0	6	3	2
	13	36	1008·7	–	60·5	4·8	13·1	73	8·7	0	1	2	15	13	0	0	0	0	0	2	3	8	11	7	0	1	11	16	3	0	2	5	3	3	4	6	5
	18	36	1008·5	–	58·6	3·5	13·3	79	8·5	0	0	4	15	12	0	0	0	0	0	2	3	6	12	8	0	0	13	14	4	1	2	4	4	2	3	7	5
Mid Lothian Edinburgh (Blackford Hill)	9	441	1009·0	–	55·5	2·6	12·5	84	7·9	0	2	5	10	14	0	0	0	1	1	3	10	0	16	0	0	0	6	24	1	1	2	3	5	4	6	7	4
	21	441	1009·3	–	54·0	2·2	12·1	85	7·5	0	7	3	4	17	–	–	–	–	–	–	–	–	–	–	0	1	9	14	7	0	2	2	2	3	7	8	0
	1	312	1008·7	–	53·7	2·1	12·1	86	7·5	0	5	3	13	10	0	0	0	0	0	0	0	30	1	0	0	1	17	12	1	3	2	3	6	3	5	7	1
Berwick St. Abb's Head	7	312	1008·6	–	53·7	1·8	12·3	88	7·9	0	3	6	9	13	0	0	1	0	0	1	5	14	10	0	0	0	16	14	1	4	1	1	5	4	7	6	2
	13	312	1008·8	–	57·8	3·4	12·9	79	8·2	0	2	4	16	9	0	1	0	0	1	2	2	10	14	1	0	0	13	18	0	6	1	3	5	5	4	3	3
	18	312	1008·6	–	57·5	3·6	12·5	78	8·5	0	0	2	21	8	0	1	1	0	0	0	1	14	11	3	0	1	9	19	2	3	2	3	3	5	3	7	3
6a SCOTLAND, W.																																				
	1	27	1008·5	–	53·6	1·2	13·0	92	6·6	1	6	7	7	10	0	0	0	0	0	1	3	6	14	7	0	0	9	18	4	2	2	2	2	5	7	5	2
Argyll Tiree	7	27	1008·1	-2·3	55·1	1·5	13·9	90	8·2	0	2	3	15	11	0	0	0	0	0	1	5	3	10	12	0	1	8	22	0	4	1	2	5	9	1	5	4
	13	27	1008·4	–	58·1	2·8	13·8	83	8·0	0	2	7	10	12	0	0	0	0	0	0	5	2	6	18	0	2	10	19	0	4	2	2	6	5	4	5	3
	18	27	1008·2	–	56·9	2·4	13·4	85	7·7	0	3	5	15	8	0	0	0	0	0	2	3	4	7	15	0	0	15	16	0	4	2	3	4	4	5	4	5
Bute Rothesay	9	187	1009·5	-2·1	56·8	1·6	14·2	90	7·5	0	2	6	18	5	0	0	0	0	0	3	4	7	17	0	0	1	3	27	0	2	0	0	7	1	8	1	5
	21	187	1009·8	–	54·3	1·3	13·1	91	7·8	0	0	7	19	5	0	0	0	0	0	0	0	7	11	13	0	1	1	3	26	0	0	1	1	8	1	2	12
	1	24	1009·0	–	53·3	1·4	12·7	90	7·6	0	4	4	9	14	0	0	0	0	0	0	0	1	6	11	6	7	0	0	0	3	22	6	0	2	4	4	3
Renfrew Renfrew (Abbotsinch)	7	24	1009·0	-2·5	54·1	1·6	12·8	89	8·3	1	1	4	12	13	0	0	0	0	0	0	0	5	3	8	5	8	2	0	0	3	18	10	0	3	3	3	6
	13	24	1008·9	–	60·6	4·8	13·2	74	9·0	0	0	1	18	12	0	0	0	0	0	0	2	6	7	8	8	0	0	0	0	0	20	1	1	3	3	2	4
	18	24	1008·5	–	58·7	3·6	13·3	79	8·3	0	0	4	18	9	0	0	0	0	0	1	2	6	6	9	7	0	0	0	0	0	21	0	1	4	3	1	5
	7	778	1009·1	-3·1	52·0	1·5	11·9	90	9·0	0	1	3	7	20	0	0	0	0	1	0	4	1	4	10	0	0	0	7	17	7	4	1	2	2	4	7	3
Dumfries Eskdalemuir ‡‡H	13	778	1008·7	–	58·8	4·2	12·8	75	8·8	0	0	4	15	12	0	0	0	0	0	1	1	1	6	12	0	1	1	13	14	2	1	5	1	1	5	9	4
	18	778	1009·0	–	55·9	2·7	12·7	83	8·3	0	0	6	15	10	0	0	0	0	0	0	2	5	3	21	0	0	3	11	15	2	2	3	3	0	1	4	3
	21	778	1009·6	–	52·3	1·5	12·0	90	7·7	0	4	4	12	11	0	0	0	0	2	0	2	2	18	0	0	0	9	17	5	1	4	1	0	4	7	6	3
	h.*	778	1009·0	-3·3	53·9	2·3	12·1	86																												
6b ISLE OF MAN																																				
Isle of Man Douglas H	9	286	1010·3	-2·6	57·5	2·5	13·8	85	6·6	0	1	13	17	0	0	0	0	0	0	1	19	8	3	0	0	5	17	9	0	1	0	2	1	6	3	12	6
	1	31	1009·4	–	56·9	1·6	14·3	90	7·1	0	7	1	14	9	0	0	0	0	0	0	0	7	24	0	0	4	14	12	1	3	0	3	1	3	4	11	5
Point of Ayre	7	31	1009·3	–	56·9	1·5	14·3	90	7·3	0	7	2	13	9	0	0	0	0	0	0	1	5	26	0	0	2	13	16	0	1	2	0	1	8	3	8	8
	13	31	1010·1	–	62·9	4·2	15·0	76	7·5	1	3	6	12	9	0	0	0	0	0	0	1	2	25	0	0	5	17	7	2	3	0	1	1	4	4	9	7
	18	31	1009·8	–	60·8	3·4	14·6	80	6·8	0	8	5	9	9	0	0	0	0	0	1	0	5	25	0	0	3	20	6	2	4	0	0	1	3	7	9	5

* Mean of hourly readings. † Pressure at Station Level. ‡ Mean pressure at Station Level is 969·1 mb.

‡‡ Mean pressures at Station Level are 980·9 mb. at 7 h., 980·9 mb. at 13 h. 981·0 mb. at 18 h., and 981·4 mb. at 21 h.

** Station transferred to Alness, March 24th, 1943.

TABLE IV (*continued*)—Summary of Observations at fixed hours AUGUST, 1943

DISTRICT, COUNTY AND PLACE	Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE: At Mean Sea Level	MEAN PRESSURE: Difference from Average	TEMPERATURE AND HUMIDITY: Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	CLOUD AMOUNT: Mean Amount	CLOUD AMOUNT: No. of Observations 0	1 to 3	4 to 6	7 to 9	10	VISIBILITY: Number of Observations — Fog 0	Fog 1	Fog 2	Fog 3	Mist 4	Poor Vis. 5	Mod. Vis. 6	Good Visibility 7	8	9	WIND, NUMBER OF OBSERVATIONS — Force (0-12): 8 or more	6 to 7	4 to 5	1 to 3	Calm	Direction: N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
	G.M.T.	ft	mb	mb	°F	°F	mb	%																													
2 ENGLAND, N.E.																																					
Northumberland — Cockle Park	9	331	–	–	58·6	2·7	14·1	84	8·2	0	1	6	15	9	0	0	0	0	1	1	5	0	23	1	0	0	5	25	1	1	2	1	3	1	6	10	6
	21	331	–	–	54·2	1·6	12·8	89	8·0	0	3	4	12	12	0	0	1	0	3	5	17	0	5	0	0	0	4	20	7	0	2	2	1	3	5	9	2
Ouston	1	435	1009·9	–	52·9	1·2	12·6	92	6·4	1	7	7	7	9	0	0	0	0	4	2	7	11	7	0	0	2	7	18	4	0	2	2	1	3	2	8	9	1
	7	435	1009·9	–	53·7	1·3	12·9	92	8·1	0	4	3	8	16	0	0	1	1	1	2	12	3	10	1	0	0	7	21	3	0	2	7	1	1	5	9	3
	13	435	1009·7	–	60·2	3·9	13·8	78	9·0	0	0	1	18	12	0	0	0	0	1	3	5	7	11	4	0	2	11	18	0	3	1	3	4	0	9	9	2
	18	435	1009·8	–	58·4	2·8	13·9	83	8·4	0	2	1	18	10	0	0	0	0	3	2	5	3	14	4	1	1	11	18	0	2	2	8	1	1	7	9	1
Tynemouth	1	122	1010·4	–	55·7	2·0	13·2	87	6·9	1	8	2	12	8	0	0	0	0	0	0	7	24	0	0	0	1	8	20	2	2	2	0	1	3	7	3	2
	7	122	1010·6	-1·4	55·2	1·7	13·2	89	7·4	1	4	5	14	7	0	0	0	0	3	5	9	14	0	0	0	1	11	19	0	2	0	1	2	6	12	6	2
	13	122	1010·5	–	60·5	3·8	14·0	78	8·0	0	0	7	22	2	0	0	0	0	1	0	6	22	2	0	0	4	11	15	0	7	1	1	7	3	5	7	0
	18	122	1010·7	–	59·6	3·4	13·9	80	7·6	0	1	7	20	3	0	0	0	0	0	0	6	21	4	0	0	2	10	19	2	3	3	3	3	5	6	8	2
Durham — Durham	9	352	1009·4	-3·1	59·1	2·5	14·5	85	7·8	0	0	11	8	12	0	0	0	1	1	3	11	9	6	0	0	0	3	26	2	2	1	0	3	6	7	8	2
	21	352	1009·9	–	55·3	0·8	14·1	94	7·6	0	3	7	8	13	0	0	0	0	0	1	18	12	0	0	0	0	3	19	9	3	1	0	1	1	12	3	1
	1	181	1010·5	–	53·8	1·2	13·1	92	6·4	4	4	6	5	12	0	0	0	0	3	2	8	11	7	0	0	0	6	12	13	2	0	0	0	5	5	6	0
Yorks., N. Riding — *Catterick H	7	181	1010·4	–	54·9	1·3	13·5	91	8·1	0	1	6	12	12	0	0	0	0	6	1	6	9	7	2	0	0	2	22	7	1	0	0	3	10	2	4	4
	13	181	1010·3	–	63·5	5·2	14·4	73	8·9	0	0	2	16	13	0	0	0	1	0	1	7	8	12	2	0	0	7	24	0	4	2	0	1	2	6	11	4	1
	18	181	1010·3	–	61·5	4·0	14·5	77	8·2	0	4	0	18	9	0	0	0	1	1	2	5	3	17	2	0	0	4	25	2	3	2	0	1	6	8	8	1
	1	47	1010·6	–	54·7	1·7	13·1	89	6·2	2	7	5	7	10	0	0	1	0	1	2	12	9	4	2	0	0	1	26	4	1	1	3	1	9	5	7	0
Linton-on-Ouse	7	47	1010·5	–	55·5	1·6	13·7	90	8·3	0	3	4	10	14	0	0	0	0	4	3	10	4	7	3	0	0	4	22	5	2	0	0	1	7	5	5	6	1
	13	47	1010·5	–	65·2	6·5	14·1	67	8·9	0	0	2	20	9	0	0	0	0	1	0	9	8	6	7	0	0	10	20	1	2	0	0	2	7	7	9	0
	18	47	1010·4	–	63·3	5·6	13·9	70	8·1	0	2	2	20	7	0	0	0	0	1	0	8	4	10	9	0	0	8	17	6	2	0	0	2	0	2	9	9	1
Scarborough	9	96	1009·4	-3·3	60·6	3·5	14·4	80	6·3	0	9	6	12	4	0	0	0	0	0	4	5	20	2	0	0	0	14	17	0	2	0	0	2	5	3	11	8	2
	1	60	1010·0	–	55·0	1·8	13·1	88	5·9	1	10	6	6	8	0	0	0	0	3	0	9	8	10	0	0	0	5	21	5	1	0	0	2	1	10	6	4	2
Thornaby	7	60	1009·8	–	55·9	1·8	13·7	89	7·9	0	4	3	10	14	0	1	1	0	3	1	9	3	13	0	0	0	7	20	4	1	1	1	1	10	9	4	0
	13	60	1009·8	–	64·5	6·3	14·0	68	8·6	0	0	3	20	8	0	0	0	0	1	0	8	6	11	4	0	0	16	15	0	2	1	1	2	1	9	11	5	1
	18	60	1009·8	–	61·6	4·6	14·0	75	7·8	0	4	2	18	7	0	0	0	0	0	3	7	3	11	6	0	0	10	21	0	2	0	0	2	4	10	5	2	0
York	9	53	1011·2	-2·0	61·0	4·3	13·8	75	7·5	0	3	7	8	13	–	–	–	–	–	–	–	–	–	–	0	0	5	26	0	0	1	2	2	9	5	6	0	6
	1	70	1010·8	–	54·3	1·5	13·1	90	5·0	3	11	5	5	7	0	0	0	0	2	3	14	6	6	0	0	0	3	25	3	2	0	0	3	2	5	9	6	2
Yorks., E. Riding — Driffield	7	70	1010·7	–	55·5	1·8	13·4	88	7·2	1	7	1	8	14	0	0	0	0	0	7	12	4	7	1	0	0	4	25	2	2	0	0	3	2	5	9	6	2
	13	70	1010·6	–	64·8	7·3	13·0	63	8·6	0	0	4	19	8	0	0	0	0	0	2	7	7	13	2	0	0	16	15	0	1	0	1	2	6	10	8	3	2
	18	70	1010·7	–	62·3	5·4	13·6	71	7·4	0	4	5	14	8	0	0	0	0	0	0	8	10	13	0	0	0	10	21	0	2	1	1	6	1	4	3	8	2
Spurn Head	1	57	1011·5	–	–	–	–	–	5·4	5	6	8	4	8	0	0	0	0	0	1	5	25	0	0	0	0	2	15	14	0	0	2	1	1	4	10	10	4
	7	57	1011·1	-1·8	–	–	–	–	7·7	1	3	7	14	6	0	1	0	0	0	0	5	22	3	0	0	4	19	8	0	1	0	1	2	2	4	10	7	5
	13	57	1011·4		–	–	–	–	8·2	0	0	3	22	6	0	0	0	0	0	0	2	24	4	0	0	5	12	14	0	1	0	0	3	2	5	3	9	6	4
	18	57	1011·3		–	–	–	–	7·8	0	0	2	8	6	0	0	0	0	0	0	4	23	4	0	0	3	16	12	0	2	0	0	2	0	1	3	6	7	4
	1	208	1011·7	–	56·2	1·7	13·9	90	5·4	5	6	7	2	11	0	0	0	0	0	1	16	14	0	0	0	0	8	21	2	3	0	0	2	0	1	13	12	1
Lincoln — Cranwell H	7	208	1011·6	–	56·8	2·0	13·9	87	7·9	0	4	2	15	10	0	0	0	1	0	3	13	6	8	0	0	0	10	21	0	2	0	0	1	1	6	9	10	3
	13	208	1011·5	–	66·2	7·2	13·9	64	8·6	0	0	1	22	8	0	0	0	0	0	0	5	8	18	0	0	0	20	9	0	2	0	0	1	5	8	13	2	0
	18	208	1011·3	–	65·3	6·9	13·8	64	7·9	0	2	3	20	6	0	0	0	0	0	0	3	9	12	7	0	0	16	14	1	1	0	0	1	3	1	7	11	6
3 ENGLAND, E.																																					
Norfolk — Cromer H	9	74	1012·1	–	60·7	3·1	15·0	82	6·3	3	0	11	11	6	0	0	0	0	0	0	31	0	0	0	0	0	3	28	0	1	1	0	3	4	5	11	5	3
	1	26	1012·3	–	59·2	3·2	13·9	81	5·8	4	6	6	12	3	0	0	0	0	0	0	4	27	0	0	0	0	4	26	1	1	1	0	2	4	9	10	3	2
Yarmouth	7	26	1012·2	-1·7	58·7	3·0	13·8	81	6·5	3	3	6	17	2	0	0	0	0	0	0	4	27	0	0	0	0	0	7	24	0	1	1	2	0	2	4	10	10	2	3
	13	26	1012·2	–	65·9	5·9	15·9	69	8·4	1	0	3	22	5	0	0	0	0	0	0	1	30	0	0	0	0	2	17	12	0	3	1	0	2	5	6	7	6	3	4
	18	26	1012·2	–	65·7	6·2	14·6	67	7·6	0	0	10	17	4	0	0	0	0	0	0	2	29	0	0	0	0	1	9	20	1	1	2	0	2	7	6	8	4	3
	7	16	1013·3	–	59·7	2·7	14·7	84	6·4	3	5	5	10	8	0	0	0	0	0	0	6	16	9	0	0	0	12	19	0	1	0	1	0	4	11	11	4	3
Suffolk — Felixstowe Airfield	13	16	1013·2	–	68·7	7·5	15·3	63	8·2	0	2	2	22	5	0	0	0	0	0	0	2	7	22	0	0	1	19	11	0	0	0	1	0	3	10	8	7	2	3
	18	16	1012·8	–	67·8	7·7	14·5	61	7·1	0	3	9	12	7	0	0	0	0	0	0	0	7	24	0	0	0	18	13	0	0	0	1	0	2	8	11	6	3	3
	1	405	1013·3	–	56·8	2·2	13·7	86	5·3	5	9	2	7	8	0	0	0	0	0	1	9	17	4	0	0	0	4	26	1	0	0	1	0	3	6	10	11	0	2	3
Stradishall	7	405	1013·2	–	56·9	2·0	13·9	87	6·0	1	12	0	11	7	0	1	0	0	0	8	11	8	2	0	0	0	5	26	0	1	0	0	2	4	7	10	8	2	3
	13	405	1012·9	–	67·3	8·4	13·4	60	8·3	0	1	3	20	7	0	0	0	0	1	1	3	11	15	0	0	1	15	15	0	1	0	0	2	4	4	9	10	3	3
	18	405	1012·6	–	66·3	8·2	13·0	60	7·0	0	3	9	16	3	0	0	0	0	0	0	5	10	16	0	0	0	12	19	0	1	0	0	1	4	4	11	11	2	3
	1	40	1012·5	–	57·5	2·3	14·0	86	5·6	3	8	5	7	8	0	0	0	0	0	0	7	11	13	0	0	0	7	23	1	1	0	2	0	1	4	14	5	1	1
Mildenhall H	7	40	1012·7	–	58·0	2·3	14·3	87	6·9	0	8	2	13	8	0	0	0	0	0	0	10	7	14	0	0	0	5	26	0	1	0	0	2	3	1	8	10	9	1	5
	13	40	1012·4	–	68·2	8·2	14·2	61	8·5	0	2	2	20	7	0	0	0	0	0	0	1	5	25	0	0	0	18	13	1	0	0	0	3	0	4	12	7	1	5	4
	18	40	1012·0	–	67·6	8·2	13·8	60	7·0	0	3	9	15	4	0	0	0	0	0	0	0	1	30	0	0	0	12	18	1	0	0	0	3	0	2	9	12	4	6	4
Cambridge — Cambridge H	9	43	1013·2	-1·5	64·5	4·2	16·2	78	7·5	0	5	4	12	10	–	–	–	–	–	–	–	–	–	–	0	1	10	18	2	0	0	1	0	5	14	3	6	4	0	3
	21	43	1012·7	–	61·3	2·4	16·1	86	4·7	9	5	5	3	9	–	–	–	–	–	–	–	–	–	–	0	1	3	26	1	0	0	1	0	2	4	16	3	4	0	0
	1	519	1013·1	–	55·2	1·5	13·6	91	5·8	5	6	4	5	11	0	0	0	0	0	0	9	16	6	0	0	0	8	21	2	0	0	0	2	4	5	15	3	5	0	1	3
Bedford — Dunstable H	7	519	1013·3	–	56·3	1·5	14·0	90	7·0	0	5	7	11	8	0	1	0	0	0	1	13	9	7	0	0	1	13	17	0	0	0	0	2	3	8	14	5	0	1	3
	13	519	1013·1	–	66·1	7·3	13·4	64	7·6	0	2	7	18	4	0	0	0	0	0	0	5	9	17	0	0	1	24	6	0	0	0	0	1	4	15	8	4	3	3	4
	18	519	1012·9	–	64·3	6·4	13·5	66	6·9	0	4	7	14	6	0	0	0	0	0	0	3	10	18	0	0	1	18	12	0	3	0	0	1	5	15	4	3	4	4	4
Hertford — Rothamsted	9	396	1012·8	-1·7	62·1	4·8	13·9	73	6·6	0	5	7	15	4	0	0	0	0	0	2	29	0	0	0	–	–	–	0	2	0	1	2	3	11	8	4	4	4	4
	7	12	1014·2	–	60·6	2·7	15·3	85	6·7	1	8	3	9	10	0	0	0	0	0	5	9	9	8	0	0	0	5	24	2	0	0	2	0	6	6	11	4	3	3	4
Essex — Shoeburyness H	13	12	1014·2	–	69·7	7·9	15·4	63	7·9	0	2	3	22	4	0	0	0	0	0	0	5	9	17	0	0	0	7	24	0	1	0	1	1	6	12	8	2	0	3	4
	18	12	1014·0	–	66·9	6·4	15·2	68	7·0	1	2	11	13	4	0	0	0	0	0	0	3	7	19	2	0	0	10	19	2	2	0	2	2	4	13	6	0	0	3	4
4 MIDLAND COUNTIES																																					
	1	55	1011·2	–	56·1	1·9	13·7	88	6·2	1	7	7	8	8	0	0	0	0	0	2	23	6	0	0	0	0	5	23	3	0	1	0	2	6	7	8	4	4	4	4
Yorks., W.R. — Finningley	7	55	1011·0	–	56·5	2·2	13·5	87	7·9	0	3	4	16	8	0	0	0	1	0	5	15	10	0	0	0	0	6	22	3	2	0	0	0	2	9	7	3	4	5	4
	13	55	1011·0	–	66·9	7·5	14·1	63	8·9	0	0	1	23	7	0	0	0	0	0	0	10	19	2	0	0	0	15	16	0	2	0	0	2	6	6	10	9	5	0	4
	18	55	1010·8	–	65·1	6·8	13·7	66	7·7	1	1	5	19	5	0	0	0	0	0	0	9	19	3	0	0	1	8	21	0	1	1	1	2	2	4	7	9	10	5	0
Harrogate	9	478	1010·4	-2·6	59·2	3·9	13·2	77	8·4	0	2	4	12	13	0	0	0	0	0	2	6	5	4	5	0	0	1	11	19	0	1	1	1	1	2	5	8	10	0	0
Nottingham — Nottingham	9	215	1011·1	-2·7	60·6	3·9	13·9	78	8·3	0	1	6	12	12	0	0	0	0	0	2	2	21	6	0	0	0	1	5	25	0	1	3	1	0	2	9	15	0	0	2
	7	542	1012·3	-2·0	56·1	2·0	13·5	88	8·3	0	3	2	15	11	0	0	0	0	0	6	8	4	13	0	0	0	8	22	1	0	0	0	2	0	1	7	7	10	2	5
Warwick — Birmingham H	13	542	1012·3	–	64·5	7·3	13·2	64	8·3	0	1	3	21	6	0	0	0	0	0	0	4	1	26	0	0	0	14	17	0	0	0	0	0	1	6	11	8	3	0	0
	18	542	1012·0	–	63·8	6·9	12·9	65	7·2	0	3	7	16	5	0	0	0	0	0	0	1	1	29	0	0	0	11	20	0	0	1	0	0	3	2	12	9	4	1	1
	1	431	1012·4	–	56·0	1·7	13·8	89	6·1	5	5	3	9	9	0	0	0	0	0	2	10	8	11	0	0	0	5	26	0	1	0	0	2	1	8	11	7	5	1	3
Honiley	7	431	1012·3	–	56·5	1·7	14·1	91	8·4	0	3	4	18	6	0	0	0	0	0	3	5	11	10	2	0	1	8	22	0	0	1	0	2	1	3	13	7	3	3	3
	13	431	1012·3	–	65·7	6·5	14·2	66	8·3	0	0	3	24	4	0	0	0	0	0	1	3	7	5	15	0	1	19	11	0	0	1	0	2	1	0	4	15	7	3	3
	18	431	1011·7	–	64·6	6·1	14·1	67	7·6	0	2	8	16	5	0	0	0	0	0	0	0	7	13	11	0	1	15	15	0	2	0	0	1	4	13	8	3	3	3	3

* At Scorton from March 9th.

TABLE IV (*continued*)—Summary of Observations at fixed hours AUGUST, 1943

DISTRICT, COUNTY AND PLACE		Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE: At Mean Sea Level	MEAN PRESSURE: Difference from Average	TEMPERATURE AND HUMIDITY: Dry Bulb	TEMPERATURE AND HUMIDITY: Depression of Wet Bulb	TEMPERATURE AND HUMIDITY: Vapour Pressure	TEMPERATURE AND HUMIDITY: Relative Humidity	CLOUD AMOUNT: Mean Amount	CLOUD AMOUNT: No. of Observations 0	1 to 3	4 to 6	7 to 9	10	VISIBILITY: Number of Observations — Fog 0	Fog 1	Fog 2	Fog 3	Mist 4	Poor Vis. 5	Mod. Vis. 6	Good Visibility 7	8	9	WIND, NUMBER OF OBSERVATIONS: Force (0-12) 8 or more	6 to 7	4 to 5	1 to 3	Calm	Direction N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
		G.M.T.	ft	mb	mb	°F	°F	mb	%																													
4 MIDLAND COUNTIES—*cont.*																																						
Oxford	Oxford	9	212	1013·4	−1·8	62·7	5·5	13·5	70	7·6	0	4	3	16	8	0	0	0	0	0	2	7	1	21	0	0	0	13	18	0	2	0	0	1	5	13	8	2
		1	243	1012·8	–	55·9	1·8	13·7	90	6·0	2	10	1	11	7	0	0	0	0	0	0	12	11	7	1	0	0	6	24	1	2	0	1	2	4	12	8	1
	Upper Heyford ..	7	243	1012·8	–	56·8	1·7	14·1	90	8·0	0	2	5	13	11	0	0	1	1	0	2	8	8	10	1	0	0	6	24	1	1	0	1	2	6	12	6	2
		13	243	1012·7	–	66·6	8·0	13·3	61	8·1	0	1	3	24	3	0	0	0	0	0	0	2	4	14	11	0	0	17	14	0	3	0	0	0	3	11	12	2
		18	243	1012·3	–	65·6	7·5	13·2	62	7·1	0	5	6	17	3	0	0	0	0	0	4	5	9	13	0	2	17	12	0	2	2	0	0	1	3	13	10	2
Shropshire	Shrewsbury H	9	186	1011·4	–	61·4	4·5	13·8	75	8·1	0	1	5	12	13	0	0	0	0	0	0	5	1	25	0	0	5	16	9	1	2	0	0	2	7	3	14	2
		1	295	–	–	56·0	1·6	13·8	89	6·3	2	7	6	6	10	0	0	0	0	0	0	7	3	19	2	0	0	7	23	1	1	0	0	2	10	7	7	3
	Tern Hill	7	295	–	–	56·1	1·4	14·0	91	7·9	0	5	0	15	11	0	0	0	0	0	2	9	3	10	7	0	0	8	22	1	2	0	0	0	4	9	8	6	1
		13	295	–	–	64·5	5·5	14·8	71	8·6	0	0	1	27	3	0	0	0	0	0	1	3	1	6	20	0	5	11	15	0	0	1	0	1	5	8	10	6
		18	295	–	–	63·2	5·2	14·3	72	8·0	0	2	4	21	4	0	0	0	0	0	0	2	3	7	19	0	1	10	20	0	1	0	1	1	3	9	12	4
Hereford	Ross-on-Wye H	7	226	1012·5	−2·3	57·7	2·5	13·8	85	7·0	0	6	6	13	6	0	0	0	0	0	0	2	9	20	0	0	0	6	25	0	0	0	0	0	5	14	10	2
		13	226	1012·8	–	65·6	7·4	13·4	63	7·5	0	1	9	17	4	0	0	0	0	0	0	1	5	18	7	0	0	18	13	0	2	0	1	1	2	15	9	1
		18	226	1012·5	–	63·9	6·3	13·6	67	7·3	0	4	8	14	5	0	0	0	0	0	0	0	3	23	5	0	0	12	19	0	1	0	0	1	4	11	10	3
Gloucester	Cheltenham H	9	230	1014·0	−1·0	63·5	4·9	14·6	73	7·5	0	1	7	19	4	0	0	0	0	0	0	10	17	4	0	0	0	0	31	0	1	0	0	1	1	9	12	7
		21	230	1014·1	–	61·4	3·0	15·3	83	7·1	1	1	12	12	5	0	0	0	0	0	0	10	21	0	0	0	0	0	27	4	0	0	0	0	2	9	11	5
5 ENGLAND, S.E.																																						
		9	152	1013·6	−1·6	64·6	5·9	14·3	69	7·1	0	5	5	16	5	0	0	0	0	0	2	8	14	7	0	0	0	9	18	4	0	0	1	0	1	16	5	4
London	Greenwich .. H	15	152	1013·3	–	70·7	10·9	12·8	50	7·2	1	0	9	16	5	–	–	–	–	–	–	–	–	–	–	0	0	21	10	0	1	0	1	0	2	16	9	2
		21	152	1014·0	–	61·5	4·5	14·0	75	5·5	3	11	1	8	8	–	–	–	–	–	–	–	–	–	–	0	0	6	24	1	0	1	1	0	6	14	6	2
		h.*	152	1013·4	−1·5	63·0																																
		7	34	1013·7	−1·4	59·7	3·0	14·4	83	7·1	0	6	3	17	5	0	0	0	0	0	3	8	8	12	0	0	0	3	26	2	0	0	0	1	6	12	8	2
		13	34	1013·6	–	67·5	8·9	12·7	57	8·2	0	1	0	27	3	0	0	0	0	0	0	3	3	28	0	0	0	13	18	0	0	0	0	0	4	13	10	4
	Kew Obs'y. H	18	34	1013·3	–	67·1	8·2	13·2	59	7·4	0	4	3	20	4	0	0	0	0	0	0	1	4	26	0	0	0	10	21	0	2	0	0	1	2	16	7	3
		21	34	1014·1	–	62·2	4·8	13·9	73	5·3	3	8	6	11	3	0	0	0	0	0	0	4	10	17	0	0	0	5	26	0	0	1	0	1	5	17	6	1
		h.*	34	1013·6	−1·3	62·9	5·5	13·7	71																													
		9	66	–	–	64·2	5·1	14·8	72	6·1	0	5	13	12	1	–	–	–	–	–	–	–	–	–	–	0	0	10	21	0	0	0	0	1	2	13	8	7
	Kensington.. ..	15	66	–	–	70·2	9·5	13·9	55	6·1	1	2	15	13	0	–	–	–	–	–	–	–	–	–	–	0	1	16	14	0	0	0	0	1	0	11	14	5
		18	66	–	–	67·7	8·2	13·7	59	6·4	1	3	9	18	0	–	–	–	–	–	–	–	–	–	–	0	0	9	22	0	1	0	0	1	0	15	10	4
		1	225	1014·5	–	58·0	2·3	14·3	85	5·1	5	8	5	7	6	0	0	0	0	1	3	9	11	7	0	0	0	6	21	4	0	0	0	1	10	11	4	1
Surrey	Croydon .. H	7	225	1014·6	–	59·1	2·4	14·3	86	7·2	0	6	4	13	8	0	0	0	0	0	3	11	4	12	0	0	0	5	24	2	0	0	0	1	7	12	9	2
		13	225	1014·5	–	69·0	9·4	13·5	56	4·9	0	1	7	18	5	0	0	0	0	0	1	4	23	3	0	0	0	18	13	0	0	0	1	0	10	8	10	0
		18	225	1014·3	–	66·5	7·1	14·0	63	7·3	1	2	9	14	5	0	0	0	0	0	0	1	2	21	7	0	0	13	18	0	1	0	1	0	11	7	10	1
	Wisley	9	85	1013·9	–	64·6	5·0	15·2	73	7·0	0	5	6	14	6	0	0	0	0	0	0	4	27	0	0	0	0	1	27	3	0	2	0	2	2	15	7	0
		7	—	–	–	60·8	1·6	16·5	91	6·6	0	6	8	9	8	0	0	0	0	0	0	3	17	8	3	0	3	13	15	0	0	1	0	1	6	13	6	4
Kent	Dungeness ..	13	—	–	–	67·0	3·4	18·5	82	6·5	1	3	9	14	4	0	0	0	0	0	2	0	17	7	5	0	5	18	8	0	0	1	0	0	8	20	2	0
		18	—	–	–	64·6	2·6	17·9	86	6·5	1	3	12	10	5	0	0	0	0	0	0	6	10	10	5	0	10	10	11	0	1	1	0	1	3	20	3	2
		1	344	1014·4	–	57·5	1·8	14·5	89	4·4	7	8	5	6	5	0	0	0	1	1	2	6	15	6	0	0	0	5	26	0	3	1	0	1	3	20	3	5
	Lympne .. H	7	344	1014·4	−0·8	58·8	1·9	15·1	89	7·3	1	5	3	12	10	0	1	0	0	2	3	4	9	12	0	0	0	5	26	0	3	0	1	0	3	7	11	6
		13	344	1014·5	–	66·8	6·2	15·4	69	7·5	0	3	7	15	6	0	0	0	0	0	0	2	7	18	4	0	0	0	17	14	0	1	0	0	2	3	14	9	2
		18	344	1014·4	–	63·5	4·9	14·6	73	7·3	1	3	5	15	7	0	0	0	0	0	0	4	5	17	5	0	0	0	14	17	0	1	1	1	1	14	10	2
		1	156	1013·8	–	58·7	2·5	14·4	85	5·5	3	6	8	10	4	0	0	0	0	0	0	10	10	11	0	0	1	2	25	3	1	0	0	2	6	10	5	4
	Manston .. H	7	156	1013·9	–	59·6	2·5	14·9	85	7·1	0	6	4	13	8	0	0	0	0	0	1	11	6	13	0	0	0	4	26	1	1	0	1	2	5	10	9	2
		13	156	1013·9	–	68·1	8·1	14·2	61	7·8	0	1	5	20	5	0	0	0	0	0	0	5	4	17	5	0	2	16	13	0	2	1	1	0	5	14	5	3
		18	156	1013·6	–	65·8	6·9	14·0	65	7·0	1	2	8	13	7	0	0	0	0	0	0	2	7	19	3	0	2	14	15	0	2	0	1	3	3	17	4	1
	Tunbridge Wells ..	9	407	1014·5	−1·2	63·3	4·0	15·5	78	6·0	0	7	10	9	5	0	0	0	0	0	0	1	3	27	0	0	2	11	18	0	0	0	0	1	3	16	6	5
Sussex	Hastings .. H	9	154																																			
		1	10	1014·3	–	58·7	2·1	15·0	88	5·4	2	11	4	7	7	0	0	0	0	0	0	4	11	13	3	0	0	7	18	6	1	1	1	2	3	9	7	1
	Thorney Is. ..	7	10	1014·4	–	60·1	2·2	15·4	87	6·9	1	8	1	15	6	0	0	0	1	0	1	2	8	14	5	0	0	7	20	4	1	0	1	1	4	10	8	2
		13	10	1014·7	–	68·2	6·9	15·2	65	7·4	1	2	5	19	4	0	0	0	0	0	0	2	2	7	22	0	0	14	17	0	0	0	0	1	5	17	7	1
		18	10	1014·5	–	64·8	4·9	14·9	73	7·0	0	2	9	16	4	0	0	0	0	0	1	1	3	6	20	0	1	12	18	0	1	0	1	2	3	16	5	3
Hampshire	Southampton ..	9	84	1014·4	–	65·6	6·4	14·3	67	7·3	0	2	8	15	6	0	0	0	0	0	1	4	2	22	4	0	1	18	12	0	1	0	0	1	5	9	11	4
		21	84	1014·7	–	60·4	2·9	14·9	83	5·7	0	10	8	9	4	0	0	0	0	0	0	9	10	12	0	0	1	10	19	1	1	0	0	2	2	12	10	3
		1	231	1013·7	–	57·0	1·8	14·2	88	5·6	6	6	2	8	9	0	0	0	0	0	3	3	10	15	0	0	0	5	23	3	0	0	0	1	2	6	11	3
	S. Farnborough H	7	231	1013·9	−1·2	57·7	1·6	14·7	90	6·9	0	9	0	14	8	0	0	0	0	0	2	8	8	13	0	0	0	6	22	3	0	0	0	1	5	8	10	3
		13	231	1013·9	–	68·5	8·9	13·5	58	7·9	1	1	3	23	3	0	0	0	0	0	1	2	2	27	1	0	0	17	14	0	1	0	0	0	2	11	14	3
		18	231	1013·5	–	66·2	6·9	14·2	65	7·1	0	3	8	16	4	0	0	0	0	0	0	3	2	22	4	0	1	8	22	0	1	0	0	1	2	12	10	5
I. of Wight	Ventnor (Hosp.)	9	80	–	–	63·6	3·9	15·7	78	6·9	1	3	11	9	7	–	–	–	–	–	–	–	–	–	–	0	2	11	18	0	0	0	1	0	0	10	18	2
		15	80	–	–	65·9	5·5	15·5	71	5·7	0	7	14	3	7	–	–	–	–	–	–	–	–	–	–	0	1	20	10	0	0	0	1	0	1	4	23	2
Wiltshire	Amesbury H	1	420	1014·0	–	55·8	1·2	14·2	92	6·3	5	6	1	7	12	0	0	0	0	0	1	4	13	13	0	0	0	4	21	6	1	0	0	2	7	6	7	2
	(Boscombe Down)	7	420	1014·1	–	56·6	1·1	14·7	93	7·3	0	6	1	20	4	0	1	0	0	0	1	11	15	3	0	0	0	4	23	4	1	0	0	2	7	7	8	2
		13	420	1014·1	–	66·6	8·2	13·3	60	7·6	1	0	8	19	3	0	0	0	0	0	1	0	3	26	1	0	1	15	15	0	1	0	0	1	4	10	11	4
		18	420	1013·9	–	63·9	6·0	13·8	68	7·3	0	3	7	18	3	0	0	0	0	0	0	0	4	22	5	0	1	9	21	0	2	0	0	1	4	10	9	5
		9	444	1014·0	–	61·2	4·2	14·1	76	7·5	0	3	6	15	7	0	0	0	0	1	0	5	12	13	0	0	0	11	20	0	1	0	0	2	3	8	13	4
	Larkhill .. H	13	444	1013·9	–	65·8	7·7	13·1	61	7·7	1	0	6	17	7	0	0	0	0	0	0	4	8	19	0	0	0	17	14	0	1	0	0	1	3	8	15	3
		15	444	1013·8	–	65·9	7·6	13·3	62	7·3	1	3	4	17	6	0	0	0	0	0	0	2	11	17	1	0	1	18	12	0	1	0	0	1	4	11	10	4
7a ENGLAND, N.W.																																						
Lancashire	Hutton	9	86	1010·1	−2·8	60·3	2·9	14·8	83	7·7	0	0	9	22	0	–	–	–	–	–	–	–	–	–	–	0	0	5	24	2	0	3	0	2	5	13	2	4
	Manchester (Whitworth Pk.)	9	127	1010·8	−2·5	60·9	3·7	14·4	79	8·4	0	3	2	9	17	–	–	–	–	–	–	–	–	–	–	0	0	7	23	1	1	1	0	1	2	13	10	2
		21	127	1011·5	–	58·9	2·6	14·4	85	8·0	0	4	3	11	13	–	–	–	–	–	–	–	–	–	–	0	1	3	22	5	1	1	1	2	4	9	6	2
	Southport †H	9	37	1011·1	−2·6	60·2	3·5	14·4	80	8·0	0	3	5	6	17	0	0	0	0	1	5	10	3	11	1	0	0	5	9	17	0	2	1	2	2	7	3	9	5
	(Bedford Rd. Park)	15	37	1011·2	–	63·4	5·4	14·2	71	7·2	0	6	6	10	9	0	0	0	0	1	5	7	16	2	0	0	0	20	10	1	1	0	1	0	4	3	6	9	6
		21	37	1011·2	–	59·0	3·5	13·7	79	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0	0	15	14	2	0	1	0	1	4	3	6	9	6
	Stonyhurst ..	9	381	1010·9	−2·6	58·4	2·9	13·9	83	9·3	0	1	1	9	20	0	0	0	1	1	2	17	2	8	0	0	1	8	22	0	2	3	0	2	8	7	7	2
		21	381	1011·4	–	57·0	2·5	13·4	84	7·5	0	7	1	7	16	–	–	–	–	–	–	–	–	–	–	0	1	3	23	4	1	1	2	0	3	10	8	2
Cheshire	Bidston Obs'y. ..	9	202	1010·6	−2·8	59·6	3·3	14·0	81	8·5	0	1	4	13	13	0	0	0	0	1	7	5	11	7	0	0	2	13	15	1	3	0	0	3	7	0	15	2
		1	261	1011·4	–	55·6	1·8	13·5	88	7·1	1	4	6	7	13	0	0	0	0	0	4	13	9	5	0	0	0	8	22	1	0	0	1	2	12	6	7	2
	Manchester H	7	261	1011·0	–	56·2	1·8	13·7	89	7·7	0	5	2	17	7	0	0	0	0	0	4	17	6	4	0	0	0	11	20	0	2	0	0	1	4	9	9	5
	(Ringway)	13	261	1011·5	–	63·1	5·2	14·2	72	8·4	0	0	6	17	8	0	0	0	0	0	0	5	4	19	3	0	0	17	13	1	1	1	0	1	5	10	7	5
		18	261	1011·3	–	61·5	4·4	14·1	75	8·2	0	2	4	18	7	0	0	0	0	0	1	7	3	13	7	0	1	11	19	0	2	1	0	3	3	7	8	7
7b NORTH WALES																																						
Flint	Sealand .. H	1	19	1011·2	–	56·9	2·4	13·5	84	7·7	0	5	3	12	11	0	0	0	0	0	1	12	11	7	0	0	0	2	21	8	1	0	0	1	6	2	6	7
		7	19	1010·9	–	57·4	2·5	13·6	84	8·0	0	4	1	20	6	0	0	0	0	0	1	11	6	13	0	0	0	5	22	4	3	0	0	1	10	2	7	4
		13	19	1011·4	–	65·5	7·3	13·4	63	8·1	0	1	3	23	4	0	0	0	0	0	1	1	0	26	3	0	1	10	20	0	2	1	0	0	3	4	13	8
		18	19	1011·2	–	62·9	5·5	13·7	70	8·4	0	1	2	22	6	0	0	0	0	0	0	3	2	20	2	0	0	6	24	1	4	0	0	1	2	7	10	6

†Visibility at Hesketh Park (at 9h. and 15h.); wind at Marshside. * Mean of hourly readings.

TABLE IV (*continued*)—Summary of Observations at fixed hours AUGUST, 1943

DISTRICT, COUNTY AND PLACE		Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE		TEMPERATURE AND HUMIDITY				CLOUD AMOUNT						VISIBILITY									WIND, NUMBER OF OBSERVATIONS								
											NO. OF OBSERVATIONS					NUMBER OF OBSERVATIONS									FORCE (0-12)					DIRECTION							
																FOG				MIST	POOR VIS.	MOD. VIS.	GOOD VISIBILITY												
		G.M.T.	ft	mb	mb	°F	°F	mb	%		0	1 to 3	4 to 6	7 to 9	10	0	1	2	3	4	5	6	7	8	9	8 or more	6 to 7	4 to 5	1 to 3	Calm	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
7b NORTH WALES—*cont.*																																			
Anglesey	Holyhead ... H	1	34	1010·8	–	57·4	2·0	14·2	88	7·4	0	6	2	13	10	0	0	0	0	0	0	2	9	20	0	0	3	11	15	2	0	1	0	2	6	11	4	5
	(Valley)	7	34	1010·8	-2·3	57·6	2·0	14·3	88	7·5	1	3	5	16	6	0	0	0	1	0	0	6	2	19	3	0	5	13	11	2	2	1	1	1	6	9	6	3
		13	34	1011·6	–	62·7	4·6	14·5	75	7·9	0	1	7	16	7	0	0	0	0	1	1	2	4	18	5	0	5	18	8	0	1	1	0	1	7	14	5	2
		18	34	1011·1	–	60·5	3·6	14·3	79	7·9	0	2	6	14	9	0	0	0	1	0	0	2	3	19	6	0	4	17	10	0	2	1	0	3	5	14	4	2
Carnarvon	Llandudno	9	33	1010·9	–	60·4	3·4	14·4	80	8·1	0	2	1	24	4	0	0	0	0	0	1	1	5	24	0	0	0	7	24	0	2	1	2	2	4	13	6	1
8a SOUTH WALES.																																			
Cardigan	Aberporth	7	379	1012·4	–	56·7	1·6	14·1	89	8·0	0	3	5	15	8	0	0	0	0	0	2	1	12	6	10	0	1	10	20	0	1	1	0	1	7	8	10	3
		13	379	1012·9	–	61·7	4·8	13·7	73	8·1	0	1	5	19	6	0	0	0	0	0	0	1	6	9	15	0	2	18	11	0	2	0	0	1	5	10	10	3
		18	379	1012·3	–	60·1	3·6	14·1	79	7·2	0	4	6	18	3	0	0	0	0	0	1	2	3	10	15	0	4	13	14	0	1	1	0	2	5	12	8	2
Pembroke	St. Ann's Head ..	1	152	1012·5	–	58·5	1·3	15·4	92	6·1	0	10	6	9	6	0	1	0	0	0	0	0	10	20	0	0	5	15	11	0	2	1	2	1	2	7	10	6
		7	152	1012·5	-1·7	58·4	1·7	14·9	89	8·3	0	1	4	18	8	0	0	0	0	0	0	1	8	22	0	1	6	16	8	0	3	1	0	1	2	6	13	5
		13	152	1012·9	–	61·1	2·6	15·7	85	7·5	0	3	7	13	8	0	0	0	1	0	1	0	1	9	19	0	1	8	16	6	0	1	0	1	2	2	10	12	3
		18	152	1012·5	–	60·4	1·8	16·0	89	7·2	0	5	6	15	5	0	0	0	1	1	0	0	9	18	0	0	10	12	9	0	2	1	0	2	2	9	12	3
Radnor	Rhayader	9	—	–	–	58·5	3·4	13·3	79	8·6	0	0	1	20	10	0	0	0	0	0	0	4	10	17	0	0	0	0	31	0	0	2	0	1	7	11	7	3
Glamorgan	Cardiff	9	203	1013·6	-1·9	61·6	4·1	14·4	77	8·2	0	1	4	16	10	0	0	0	0	0	0	10	6	15	0	0	0	0	31	0	0	2	1	0	2	21	5	0
	St. Athan ..	1	147	1013·8	–	57·6	1·7	14·6	89	6·2	2	6	9	4	10	0	0	0	1	1	0	12	15	2	0	0	1	11	12	7	1	0	1	1	3	5	10	2
		7	147	1013·7	–	58·2	2·1	14·5	87	8·1	0	1	6	16	8	0	0	0	0	0	0	9	9	11	2	0	0	11	17	3	1	1	1	1	1	7	10	6
		13	147	1014·3	–	63·8	5·8	14·1	70	8·4	0	0	4	18	9	0	0	0	1	0	0	4	6	11	9	0	0	13	18	0	1	0	1	2	0	3	21	3
		18	147	1013·9	–	62·1	4·4	14·4	76	7·4	0	4	3	19	5	0	0	0	0	1	0	5	5	11	9	0	2	11	18	0	1	1	0	0	2	6	19	2
8b ENGLAND, S.W.																																			
Somerset	Bath	9	113	1013·4	-1·5	63·1	5·3	14·0	70	6·6	1	7	4	10	9	0	0	0	0	0	0	0	6	25	0	0	0	3	27	1	0	0	2	0	3	6	13	6
	Bristol (Airport) H	1	236	1013·7	–	57·0	1·5	14·5	91	6·6	0	8	4	11	8	0	0	0	0	0	3	8	13	7	0	0	0	6	23	2	0	1	1	2	3	12	9	1
		7	236	1013·6	–	58·0	1·7	14·8	90	7·3	0	5	6	13	7	0	0	0	0	0	0	9	14	8	0	0	0	9	19	3	1	0	1	0	7	6	11	2
		13	236	1013·9	–	65·5	6·2	14·5	68	7·6	0	2	6	21	2	0	0	0	0	0	0	1	4	23	3	0	0	13	18	0	2	0	0	0	8	5	14	2
		18	236	1013·6	–	63·1	4·4	15·0	77	7·5	0	4	3	19	5	0	0	0	0	0	0	1	4	23	3	0	1	11	19	0	1	0	0	1	6	3	16	4
Dorset	Holton Heath H	9	58	1014·6	–	63·8	4·9	14·9	74	6·8	0	5	8	11	7	0	0	0	0	0	1	1	12	10	7	0	1	12	15	3	1	0	1	0	2	9	7	8
		15	58	1014·5	–	67·4	7·2	14·6	65	6·4	1	7	6	10	7	0	0	0	0	0	2	1	8	13	7	0	1	18	12	0	0	0	1	2	2	15	7	4
	Portland Bill ..	1	37	1014·1	–	60·4	1·6	16·3	91	7·6	1	1	5	14	10	0	0	0	0	0	0	1	15	15	0	0	4	22	5	0	2	0	2	0	5	17	4	1
		7	37	1014·1	-0·9	60·7	1·5	16·5	91	8·6	0	1	2	11	7	0	0	0	0	0	0	1	12	18	0	0	5	24	2	0	1	0	1	0	5	9	11	4
		13	37	1014·9	–	62·6	2·1	17·1	88	8·4	0	0	6	11	14	0	0	0	0	0	0	0	7	24	0	0	3	22	6	0	0	0	1	0	6	15	8	1
		18	37	1014·3	–	62·0	1·9	16·7	88	8·3	0	1	5	13	12	0	0	0	0	0	0	0	2	22	0	0	4	23	4	0	0	0	2	0	5	16	7	1
Devon	Hartland Pt. ..	1	305	1012·6	–	58·9	1·8	15·1	89	6·9	0	6	9	10	6	0	1	0	2	0	1	1	6	20	0	0	4	14	13	0	1	0	1	3	3	3	15	5
		7	305	1012·7	–	58·7	2·2	14·6	87	7·6	0	2	7	17	5	0	0	0	0	0	1	3	3	22	2	0	0	19	12	0	1	1	1	0	2	6	13	7
		13	305	1013·3	–	61·3	3·6	14·7	79	7·5	0	1	10	16	4	0	0	1	0	0	1	2	3	20	4	0	2	19	10	0	1	0	0	1	1	7	16	5
		18	305	1016·0	–	61·0	2·9	15·2	83	7·4	0	2	9	16	4	0	0	0	1	0	1	4	4	18	3	0	2	17	12	0	0	1	1	1	4	3	15	6
	Plymouth (Mount Batten) H ..	1	27	1014·5	–	58·2	0·6	15·9	96	6·7	1	8	5	4	13	0	0	0	1	0	1	11	11	7	0	0	0	14	14	3	0	0	2	2	2	6	12	4
		7	27	1014·6	-0·7	58·1	0·9	15·7	95	8·2	0	4	0	19	8	0	0	0	0	1	0	10	10	9	1	0	0	9	19	3	0	0	4	1	2	4	12	5
		13	27	1015·2	–	63·4	3·1	16·5	83	7·8	0	2	5	17	7	0	0	0	0	0	2	3	2	11	13	0	1	15	15	0	1	0	0	2	3	12	10	3
		18	27	1014·7	–	62·0	2·5	16·3	86	7·7	0	4	3	15	9	0	0	0	0	0	0	7	4	9	11	1	2	17	11	0	1	0	0	3	2	9	13	3
Cornwall	The Lizard ..	1	240	1014·7	–	57·7	0·8	15·5	95	7·0	1	3	9	7	11	0	2	0	1	1	0	1	15	11	0	0	5	14	10	2	1	0	1	0	2	3	15	7
		7	240	1014·5	–	58·0	1·0	15·4	82	7·8	0	2	6	19	4	0	1	0	1	0	0	1	7	21	0	0	0	5	14	11	1	0	0	0	1	3	5	13	8
		13	240	1015·0	–	62·6	2·9	16·2	83	7·7	0	2	6	16	7	0	0	1	1	0	0	1	10	18	0	0	0	5	15	11	0	0	0	1	1	2	7	16	4
		18	240	1014·9	–	60·5	2·0	15·9	88	7·3	0	3	10	11	7	0	0	0	2	0	0	2	8	19	0	0	4	16	11	0	1	1	1	0	3	7	16	2
	Newquay ..	9	185	1013·7	-1·7	62·5	4·1	15·0	78	7·5	0	7	2	6	16	0	0	0	0	0	2	2	5	17	5	0	3	17	11	0	6	0	0	0	6	5	9	5
NORTHERN IRELAND																																			
Antrim	Aldergrove H	1	271	1009·3	–	54·1	1·5	13·0	90	7·6	0	5	5	9	12	0	0	0	0	0	1	6	5	19	0	0	0	4	22	5	0	2	0	5	6	5	6	2
		7	271	1009·2	–	54·2	1·2	13·3	92	8·5	0	1	4	14	12	0	0	0	0	2	1	3	9	12	4	0	0	2	26	3	0	1	1	5	7	4	5	5
		13	271	1009·3	–	60·7	4·4	13·5	74	9·0	0	0	1	20	10	0	0	0	0	0	1	4	5	8	13	0	0	6	24	1	0	1	2	3	5	9	·5	5
		18	271	1009·2	–	59·0	3·9	13·1	77	8·8	0	0	4	16	11	0	0	0	0	0	1	3	3	10	14	0	0	9	22	0	1	2	1	6	2	8	7	4
Armagh	Armagh .. H	9	209	1009·3	-3·0	58·4	3·0	13·7	82	8·2	0	3	3	15	10	0	0	0	0	0	0	2	5	23	0	0	0	6	25	0	3	0	1	4	7	5	9	2
		21	209	1009·9	–	55·7	2·1	13·1	86	7·7	0	4	4	12	10	0	0	0	0	0	0	2	5	24	0	0	1	14	13	3	2	0	3	2	7	4	8	2
Selly	St. Mary's	1	199	1014·4	–	58·1	1·4	15·1	91	7·4	0	4	5	13	9	0	0	2	0	0	1	1	11	16	0	0	1	20	10	0	0	0	1	0	3	7	12	8
		7	199	1014·2	-1·3	58·5	1·8	14·9	89	8·4	0	2	2	20	7	0	0	1	0	0	1	0	8	21	0	0	3	17	11	0	0	0	1	1	1	7	11	10
		13	199	1014·7	–	63·8	4·0	15·8	78	8·6	0	1	1	20	9	0	0	0	0	1	1	4	10	12	3	0	0	3	17	11	0	0	1	0	2	2	10	13	3
		18	199	1014·6	–	61·7	3·2	15·3	81	7·8	0	2	7	15	7	0	0	3	0	0	0	2	8	18	0	0	1	19	11	0	0	0	1	0	5	8	12	5
GIBRALTAR .. .. H		1	400	1016·5	–	71·6	3·5	22·1	83	3·1	11	8	7	3	2	0	0	0	0	0	0	1	4	16	10	0	3	15	10	3	0	11	7	0	0	0	10	0
		7	400	1016·7	–	72·0	3·4	22·1	82	4·7	4	9	5	13	0	0	0	0	0	0	0	1	4	16	10	0	0	15	15	1	0	11	9	0	0	1	8	1
		13	400	1017·0	–	77·3	7·0	22·3	70	3·3	3	15	8	5	0	0	0	0	0	0	0	0	0	18	13	0	1	27	3	0	0	9	11	0	0	4	7	0
		18	400	1015·6	–	74·5	4·9	22·6	78	3·1	6	12	9	4	0	0	0	0	0	0	0	0	2	15	14	0	1	23	7	0	0	9	11	0	0	5	6	0
MALTA .. .. H		1	234	1014·6	–	75·7	3·1	26·0	86	0·6	23	6	1	1	0	0	0	0	0	0	0	1	10	20	0	0	0	2	22	7	1	2	0	0	1	4	8	8
		7	234	1015·0	–	78·4	4·3	26·9	81	1·3	12	16	2	1	0	0	0	0	0	0	0	0	0	20	1	0	0	4	27	0	6	2	2	0	0	3	6	12
		13	234	1014·9	–	83·9	8·9	25·7	65	1·4	7	21	3	0	0	0	0	0	0	0	0	0	1	26	4	0	0	4	27	0	6	12	2	0	0	1	6	4
		18	234	1014·4	–	80·3	6·4	25·8	73	0·6	17	14	0	0	0	0	0	0	0	0	0	0	0	30	1	0	0	3	28	0	8	3	0	0	1	1	8	10

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MONTHLY WEATHER REPORT OF THE METEOROLOGICAL OFFICE

SUMMARY OF OBSERVATIONS COMPILED FROM RETURNS OF OFFICIAL STATIONS AND VOLUNTEER OBSERVERS

PUBLISHED BY HIS MAJESTY'S STATIONERY OFFICE. To be purchased directly from H.M. STATIONERY OFFICE at the following addresses: York House, Kingsway, London W.C.2; 120 George Street, Edinburgh 2; 39–41 King Street, Manchester 2; 1 St. Andrew's Crescent, Cardiff; 80 Chichester Street, Belfast; or through any bookseller.

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SEPTEMBER, 1943.—Unsettled.

The unsettled weather experienced in August persisted throughout September. It was very wet in a belt extending from Devon and Cornwall across Wales to Durham and the East Riding of Yorkshire.

During the opening days a large depression was situated south of Iceland, while secondaries passed east over the British Isles; general rain occurred on the 1st and showers in the west and north on the 2nd. By the 3rd an anticyclone had developed over the English Channel: this system moved north-north-east to the North Sea, while a shallow disturbance affected southern Ireland and a deep Atlantic depression approached north-west Ireland. The latter moved north, and associated troughs crossed the British Isles: there was general rain in the west and north on the 4th, occasional rain or showers at most places on the 5th, and showers, chiefly in the west and north, on the 6th. The depression east of Iceland moved slowly north on the 7th and an associated trough moved east over the British Isles causing further showers in most districts, particularly the west and north.

A change in the pressure distribution occurred on the 9th when pressure became low south-west of the British Isles. Thereafter pressure remained low to the south-west and high north-east of these Islands. On the 13th the depression spread north-east and dominated conditions over the whole country. The period 9th–14th was warm and there were widespread thunderstorms in England and Wales; in Scotland also, thunderstorms were widespread on the night of the 13th–14th.

Subsequently pressure became high south-westward of the British Isles and a depression moved north-east along our north-west seaboard. Meanwhile secondary depressions or troughs crossed the British Isles causing occasional rain or showers. On the 19th a deep depression east of Iceland moved east and a small disturbance south-west of Iceland moved rapidly east-north-east. Rain fell in most places, and was heavy locally in Scotland; in the rear of these depressions cold polar air flooded the country. By the 21st a large anticyclone covered most of the north Atlantic and thereafter depressions moved east over Iceland. Behind them cold, northerly air flowed over the British Isles. This was particularly noticeable on the 25th and 26th and on the morning of the 27th severe frost occurred. On the 27th and 28th a vigorous depression moved south-east over Britain. Rain occurred generally and falls were heavy on the 27th, particularly in the west and north. On the 29th a series of depressions in the far north moving east brought a return to westerly winds and a consequent rise in temperature, and the month closed with milder weather and slight rain or drizzle in most districts.

Pressure and Wind.—Mean pressure was somewhat below the average, the deviation at 7 h. ranging from —3·2 mb. at Stornoway to —0·6 mb. at Lympne and Plymouth. Local gales were reported on a number of days, particularly in Scotland, mainly from the 4th–6th, 10th, 15th–16th, 19th–20th, 27th–28th and 30th; the gale on the 28th was rather widespread in England. Among the highest speeds registered in gusts were 64 m.p.h. at Stornoway on the 5th, 61 m.p.h. at Spurn, 62 m.p.h. at Holyhead and 64 m.p.h. at Bidston Observatory on the 28th and 67 m.p.h. at Lerwick on the 30th.

Temperature.—Mean temperature was not very different from the average on the whole, but it was below the average in south-west England. The first half of the month was rather warm, particularly the period 9th–14th; 75°F. was reached or somewhat exceeded at numerous places in England from the 11th–14th. In Scotland and Northern Ireland the 1st was also a warm day. A rather cold spell occurred roughly from the 19th–28th, night minimum temperatures in particular being low. The night of the 26th–27th was notably cold; 23°F. was registered in the screen at Peebles and Eskdalemuir and 24°F. at Prestwick and Glenlee. A grass minimum of 12°F. was recorded at Eskdalemuir; it was the lowest value recorded there in September since observations were first taken in 1917.

The extremes for the month were:—(England and Wales) 80°F. at Canterbury on the 11th, 25°F. at Milford on the 27th; (Scotland) 72°F. at Kilmarnock on the 9th, 23°F. at Peebles and Eskdalemuir on the 27th; (Northern Ireland) 68°F. at Castlerock on the 1st, 35°F. at Aldergrove and Hillsborough on the 27th.

Precipitation.—The general precipitation expressed as a percentage of the average for the period 1881–1915 was 133 over England and Wales, 115 over Scotland and 109 over Northern Ireland. In Scotland, less than the average occurred over much of the country south of a line from Glasgow to the Firth of Forth, in the Great Glen, locally in Ross and Cromarty and at Stornoway, in the Northern Hebrides; more than 150 per cent. occurred in a few widely separated areas, one of which was situated in the south in the neighbourhood of Eskdalemuir. In England less than the average was received over most of the area south of the Thames as far west as east Dorset, Wiltshire and Gloucester and across the Midlands from Gloucester and Birmingham to the Norfolk border and Bury-St-Edmunds. On the other hand over much of a belt covering part of Devon, north Cornwall and Wales and stretching across Cheshire to the coast of Yorkshire and Durham more than 175 per cent. of the average occurred and in small areas within this belt 200 per cent. or more. In Northern Ireland the percentages ranged from 92 at Omagh to 132 at Londonderry.

Among heavy daily falls were:—

4th	4·40 in. at Fofanny Reservoir, Mourne Mountains and 2·35 in. at Kingairloch and Ardrishaig (Argyll).
10th	2·71 in. at Larne (Co. Antrim).
13th	2·09 in. at Hartland Point (Fosfelle).
14th	2·10 in. at Dawlish and 1·90 in. at Ferriby Sluice (Lincolnshire).
19th	2·08 in. at Kinlochquoich (Inverness-shire).
27th	3·02 in. at Llanbryde (Moray) and 2·25 in. near Blaenau Festiniog (Merioneth).

Severe and rather widespread thunderstorms occurred from the 10th–14th; heavy rain caused considerable flooding and there was local damage due to lightning. Local thunderstorms were reported on other occasions.

The first snow of autumn fell on the hills near Fort William and in Shetland on the 20th and thereafter snow fell daily on high ground in Scotland except on the 23rd and 30th.

Sunshine.—Sunshine was considerably below the average in the west of Scotland and in Northern Ireland. In England and Wales the distribution was variable but on the whole the duration was not very different from the average; there was a slight excess in England, N.E. and a deficiency in western districts. The 8th was a notably sunny day locally in south and south-west England; at Totland Bay 11·9 hours were registered, the longest duration there for any day in the second week of September during the last 42 years.

Fog.—The most considerable fog occurred during the period 9th–14th. It occurred also on the 19th and 29th–30th; there was a little at times outside these periods.

Miscellaneous Phenomena.—The aurora was observed in Scotland on 22 nights, more than in any other September during the last 10 years. Solar halos were noted at Oxford on 18 days.

Meteorological Office, Air Ministry: Nelson K. Johnson, K.C.B., D.Sc., Director. 1 *November*, 1943

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TABLE I—DISTRICT VALUES— SEPTEMBER, 1943 [1908, revised 1928 and 1941]

DISTRICTS	AIR TEMPERATURE			EARTH TEMPERATURE		RAINFALL		SUNSHINE	
	Highest	Lowest	Daily Mean Difference from Average	At 1 ft Difference from Average	At 4 ft Difference from Average	Percentage of Average	No. of Days Difference from Average	Percentage of Average	Percentage of Possible Duration
	°F	°F	°F	°F	°F	%		%	%
0 SCOTLAND, N.	70	25	+0·2	—	—	112	+2	96	27
Eastern									
1 SCOTLAND, E.	71	23	−0·1	—	—	100	0	98	32
2 ENGLAND, N.E.	75	28	+0·2	+0·8	+0·2	175	+2	108	38
3 ENGLAND, E.	78	28	+0·1	+0·5	+0·4	120	+1	99	41
4 MIDLAND COUNTIES ..	77	29	+0·2	+1·0	+1·0	130	0	100	35
5 ENGLAND, S.E.	80	25	−0·3	+0·6	+0·9	88	+1	101	42
Western									
6 SCOTLAND, W.	72	23	−0·1	+0·2	0·0	125	+5	85	29
7 ENGLAND, N.W. *(and N. Wales)*	71	27	0·0	+1·1	+1·2	148	+7	93	32
8 ENGLAND, S.W. *(and S. Wales)*	76	31	−0·7	−0·2	+0·6	159	+6	92	36
NORTHERN IRELAND	63	35		—	—				
MEAN 0, 1, 6 ..	—	—	0·0	—	—	—	—	93	29
MEAN 2, 3, 4, 5, 7, 8	—	—	−0·1	—	—	—	—	99	37

TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND—. SEPTEMBER, 1943 [1914]

DISTRICT AND STATION	Height of Vane			Distribution of Wind ‡‡								Extreme Velocities								
	Above Mean Sea Level	Above Ground	Effective Height	More than 38 mi/hr		25 to 38 mi/hr		13 to 24 mi/hr	4 to 12 mi/hr	Less than 4 mi/hr	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		Time		
	ft	ft	ft		hr		hr	hr	hr	hr	hr	°	mi/hr	m/s	day hr	mi/hr	m/s	d	h	m
0 SCOTLAND, N.				16;19;20;																
Shetland Lerwick	310	53	39	23;30.	16	18	208	269	182	45	0	240	48	22	30 24	67	30	30	23	15
Orkney Kirkwall	170	40	35	–	0	13	108	380	208	24	0	160	36	16	5 09	59	26	20	12	10
Hebrides Stornoway	120	40	36	6;15;27	12	17	160	333	169	46	0	200	44	20	15 23	64	29	5	17	30
1 SCOTLAND, E.																				
Aberdeen Aberdeen	120	41	32	–	0	0	0	102	500	118	0	300	23	10	20 13	54	24	20	11	35
Angus Bell Rock Lighthouse	130	—	126	5;23;27	4	18	161	377	126	28	24	180	44	20	27 23	58	26	27	22	45
Edinburgh Edinburgh	485	39	23	–	0	8	21	278	375	46	0	290	29	13	20 12	51	23	15	17	00
6a SCOTLAND, W.																				
Argyll Tiree	75	50	42	4;5	3	15	110	312	247	13	35	140	41	18	4 17	56	25	28	00	55
Renfrew Paisley .. .	188	81	31	–	0	1	1	181	449	89	0	260	25	11	30 18	49	22	30	19	20
Renfrew (Abbotsinch)	65	46	34	–	0	2	5	157	385	173	0	(260)	28	13	30 18	48	21	20	11	40
Dumfries Eskdalemuir ..	825	50	35	–	0	3	14	185	334	187	0	190	28	13	5 11	52	23	28	1	05
6b ISLE OF MAN																				
Isle of Man Point of Ayre ..	70	40	35	28	3	13	92	398	203	17	7	360	42	19	28 06	63	28	28	05	40
2 ENGLAND, N.E.																				
Durham South Shields ..	73	57	44	–	0	2	11	125	393	191	0	360	39	17	28 10	53	24	28	08	04
Durham	389	53	33	–	0	2	3	191	395	131	0	240	25	11	6 13	52	23	6	12	55
Yorks.,N.R. Catterick	220	45	33								No Record									
Yorks.,E.R. Spurn Head ..	64	42	34	28	3	7	54	393	269	1	0	180	42	19	28 02	61	27	28	02	10
Lincoln Cranwell	284	43	33	–	0	2	0	222	416	73	0	(340)	30	13	28 13	50	22	28	13	20
3 ENGLAND, E.																				
Norfolk Gorleston	52	42	34	–	0	2	5	129	462	124	0	230	30	13	28 06	46	21	28	05	20
Suffolk Mildenhall	98	83	58	–	0	2	4	154	474	87	1	200	26	12	28 05	49	22	28	04	05
Bedford Cardington ..	285	150	135	–	0	5	16	214	437	47	6	230	31	14	28 03	42	19	28	11	40
Dunstable	567	55	33	–	0	1	1	273	422	60	0	340	25	11	28 16	42	19	28	16	10
Essex Shoeburyness ..	115	104	89	–	0	3	5	118	440	141	16	190	31	14	25 06	38	17	28	05	05
4 MIDLAND COUNTIES																				
Leicester Leicester	385	60	33	–	0	1	1	33	393	227	66	340	25	11	28 15	48	21	8	13	55
Warwick Birmingham ..	643	118	73	–	0	1	6	141	485	88	0	330	26	12	28 14	46	21	28	09	50
5 ENGLAND, S.E.																				
London Kingsway	222	151	30	–	0	0	0	37	519	139	25	330	16	7	28 13	45	20	28	12	00
Southgate	222	30	—							Defective			Record							
Surrey Kew Observatory ..	92	75	50	–	0	0	0	98	418	204	0	70	20	9	9 18	43	19	28	12	15
Kent Lympne	418	76	48	–	0	3	7	101	507	105	0	220	31	14	28 08	51	23	28	07	15
Manston	199	46	40	–	0	3	6	167	485	60	2	210	31	16	28 07	46	21	28	06	40
Hants Thorney Island ..	75	65	45	–	0	0	0	94	368	258	0	320	24	11	28 14	45	20	28	13	20
Wiltshire Boscombe Down ..	462	45	33	–	0	1	1	93	273	353	0	340	26	12	28 13	45	20	28	12	20
Larkhill	491	51	36	–	0	1	4	109	418	184	5	360	29	13	28 14	43	19	28	13	50
7a ENGLAND, N.W.																				
Lancashire Fleetwood	112	50	31	28	1	6	38	396	312	73	0	350	40	18	28 06	50	22	28	05	55
Southport	60	42	33	–	0	4	37	283	306	94	0	180	36	16	28 08	50	22	28	08	05
Cheshire Bidston Obs'y. ..	262	64	39	–	0	2	13	261	399	47	0	310	32	14	28 08	64	29	28	06	55
Manchester (Ringway) ..	315	80	40	–	0	6	21	271	386	42	0	180	31	14	27 24	47	21	28	00	05
7b NORTH WALES																				
Anglesey Holyhead	68	43	35	28	3	14	86	371	177	59	24	320	42	19	28 08	62	32	28	08	25
Flint Sealand	81	65	42	–	0	2	13	113	339	255	0	340	35	16	28 09	53	24	28	08	20
8a SOUTH WALES																				
Pembroke St. Ann's Head ..	212	70	—	27;28	4	9	94	292	282	48	0	280	41	18	28 22	54	24	28	22	30
8b ENGLAND, S.W.																				
Devon Plymouth	185	88	65	–	0	3	12	209	310	189	0	–	29	13	28 12	48	21	28	15	20
Cornwall The Lizard	315	75	60							No Record										
Pendennis Castle ..	256	65	42	–	0	8	19	198	332	171	0	270	34	15	28 02	41	18	28	01	25
NORTHERN IRELAND																				
Antrim Aldergrove	328	60	42	–	0	4	13	210	407	90	0	150	33	15	4 22	57	25	4	23	45
SCILLY ISLES																				
St. Mary's	230	65	57							Anemometer		out of order.								

MONTHLY WEATHER CHARTS SEPTEMBER 1943

1. WIND AND MEAN PRESSURE. 7 A.M.

The dotted lines indicate the normal distribution of pressure in millibars based on 30 years' observations, 1901 — 1930

1009 1010 1011 1012 1013 1014 1015 1016 1017

WIND ROSES. *The arrows fly with the wind and indicate frequency and force, thus :* LIGHT MODERATE TO STRONG GALE — 30 Obsns. = 1 inch

2. MOVEMENTS OF DEPRESSIONS.

Positions of centres are shewn thus:- O at 1h; ● at 7h; □ at 13h; X at 18h.

3. DISTRIBUTION OF MEAN TEMPERATURE

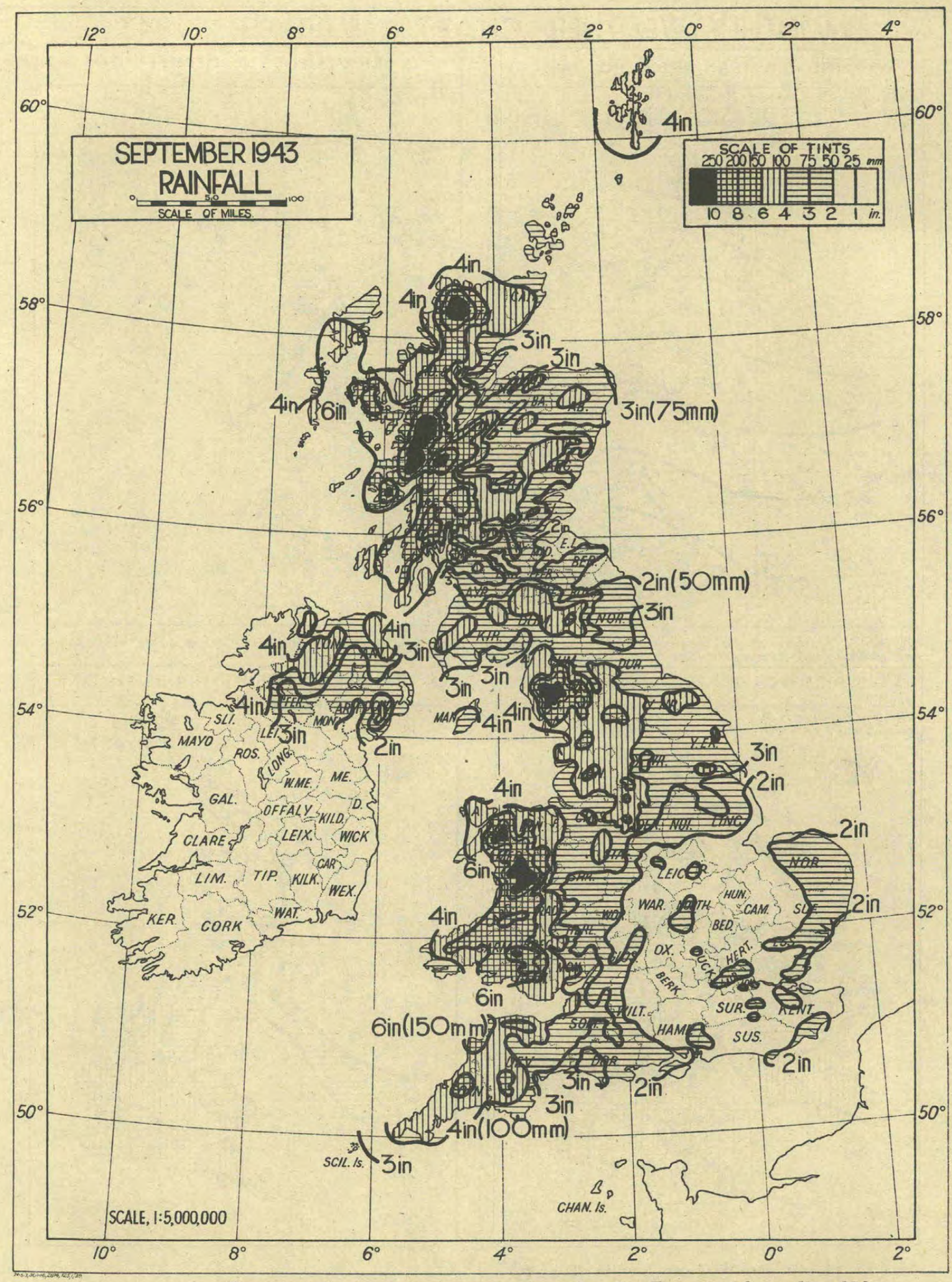
Reduced to sea level by a correction of 1°F for 300 ft.

SCALE OF TINTS 58 57 55 53 °F

Sea temperatures are shewn by figures in circles, thus : (50)

4 BRIGHT SUNSHINE, HOURS PER DAY

SCALE OF TINTS 60 50 40 30 hrs



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

TABLE III—Summary of Observations of Temperature, Rainfall, Sunshine and Weather SEPTEMBER, 1943

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation: Max. Min. Rain	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES FAHRENHEIT: Means of A Max.	Means of B Min.	Mean of A and B	Difference from Average	Absolute Maximum and Minimum: Maximum	Date	Minimum	Date	Earth Temperature 1 ft	4 ft	RAINFALL: Total Fall mm	Total Fall in	Percentage of Average	Most in a day: Amount	Date	WEATHER Number of days: Precip'n 0·1in (0·2mm) or more	Precip'n ·04in (1·0mm) or more	Snow	Snow lying	Hail	Thunderstorm	Fog (Morn'g Obs.)	Ground Frost	Gale	BRIGHT SUNSHINE: Daily Mean	Percentage: of Average	of Possible
		G.M.T.	ft	°F	°F	°F	°F	°F		°F		°F	°F	mm	in	%	in											hr	%	%
0 SCOTLAND, N.												SCOTLAND																		
Shetland	Baltasound ..	9 9 9	31	55·4	46·5	50·9	+0·4	60	3,7	36	26,27	52·3	–	142	5·57	167	1·08	13	24	20	3	0	1	0	1	–	1	3·77	118	29
	Lerwick Obsy. ¶§	9 9 9	269	55·4	47·4	51·4	+1·4	60	12	35	27	–	–	117	4·59	152	·73	22	20	16	–	–	1	–	1	1	5	3·96	108	31
	Sumburgh (Links)	18–7 7	19	55·0	49·1	52·1	–	60	12	35	27	–	–	91	3·59	–	·67	22	21	16	1	0	4	1	1	0	5	–	–	–
Orkney	Kirkwall .. ¶§	9 9 9	113	56·5	48·6	52·5	+0·8	63	2	35	27	52·6	–	100	3·94	130	·58	13	21	18	0	0	1	0	1	1	0	3·60	105	28
Hebrides	Benbecula ..	18–7 7	27	56·9	48·8	52·9	–	65	11	39	27	–	–	99	3·89	–	·83	4	26	19	0	0	0	0	0	0	5	–	–	–
	Castlebay ..	9 9 9	—	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Stornoway ¶§	18–7 7	12	57·6	46·8	52·2	+0·3	65	11	37	27	–	–	92	3·64	97	·66	27	22	15	0	0	1	0	0	1	4	3·64	99	28
Skye	Duntuilm ..	9 9 9	294	57·0	48·6	52·8	–	65	12	38	27	–	–	97	3·82	–	·50	19	22	21	0	0	3	0	0	0	4	3·25	–	25
Caithness	Wick	18–7 7	114	57·5	47·3	52·4	+0·9	64	29	34	27	–	–	90	3·54	142	·78	4	19	17	0	0	1	0	1	1	0	–	–	–
Sutherland	Cape Wrath ..	18–7 7	367	54·7	46·9	50·8	–	62	10	37	28	–	–	115	4·53	–	·65	19	25	20	0	0	0	0	2	0	2	–	–	–
Ross & Cromarty	Achnashellach ..	9 9 9	225	58·1	45·8	51·9	0·0	67	9,12	31	27	–	–	176	6·93	101	·98	19	25	23	0	0	0	0	0	–	0	–	–	–
	Fortrose	9 9 9	69	59·5	46·6	53·1	+0·2	66	9	34	27	–	–	59	2·31	–	·58	19	22	12	0	0	0	0	0	–	0	3·56	92	28
	*Invergordon ..	18–7 7	26	59·5	44·6	52·1	–	66	9	30	27	–	–	59	2·30	–	·59	4	13	10	0	0	0	0	1	3	2	–	–	–
Inverness	Dalwhinnie ..	18–7 7	1176	54·4	43·3	48·9	–	62	9,11	25	27	–	–	113	4·43	–	·20	4	21	17	2	0	0	0	0	5	0	2·79	–	22S
	Ft. Augustus ¶§	9 9 9	68	58·8	45·8	52·3	0·0	70	9	29	27	–	–	81	3·20	94	·67	19	25	16	0	0	0	0	0	–	1	2·57	76	20S
	Ft. William ..	9 9 9	34	59·0	47·1	53·1	-0·2	69	9	31	27	53·9	54·4	145	5·73	90	·87	6	21	18	0	0	0	0	0	2	0	2·34	74	18S
	Inverness ¶§	9 9 9	242	58·1	46·1	52·1	-1·3	64	9,10	35	27	–	–	51	2·02	86	·52	19	14	14	0	0	0	0	0	1	0	3·55	94	28
	Onich	9 9 9	48	58·7	47·0	52·9	–	69	9	30	27	–	–	178	7·00	119	1·21	4	25	22	0	0	0	0	0	5	0	2·41	81	19S
1 SCOTLAND, E.																														
Nairn	Nairn .. ¶§	9 9 9	20	59·9	46·6	53·3	+0·2	68	9	35	27	–	–	55	2·17	99	·50	27	14	10	0	0	1	0	0	2	0	3·88	102	30
Moray	Forres	9 9 9	155	60·5	45·3	52·9	–	68	5, 9	32	27	–	–	84	3·29	–	·88	28	15	12	0	0	0	0	0	3	0	3·78	–	30
	Gordon Castle ..	2121 9	104	60·1	45·8	52·9	-0·1	67	1	34	27	–	–	99	3·91	156	1·09	27	18	17	0	0	0	0	–	–	0	–	–	–
	Lossiemouth ..	18–7 7	21	60·1	46·3	53·2	–	68	1	34	27	–	–	74	2·91	–	·07	27	17	10	1	0	2	0	0	–	0	–	–	–
Banff	Banff	9 9 9	130	59·6	47·7	53·7	+0·8	66	1,5,29	33	28	–	–	99	3·88	170	·81	27	18	18	2	0	1	0	0	0	0	4·22	105	33
Aberdeen	Aberdeen ¶§	242424	79	58·4	48·4	53·4	+0·9	67	19	36	27	54·6	54·7	83	3·29	148	·98	27	13	10	0	0	1	1	0	1	0	4·21	100	33
		18–7 –	—	59·0	47·1	53·1	-0·1																							
	Balmoral.. ..	9 9 9	927	57·4	42·1	49·7	0·0	65	1	30	27	–	–	78	3·06	127	·77	13	17	14	0	0	0	0	–	12	0	–	–	–
	Braemar	2121 9	1111	55·9	41·8	48·9	-0·6	64	1,9	31	27	–	–	92	3·61	144	·80	13	18	14	2	0	0	0	0	4	0	3·67	–	29S
	Craibstone ..	9 9 9	300	59·5	44·5	52·0	-0·3	69	8	33	27,28	53·2	53·3	88	3·46	147	1·49	27	17	11	1	0	1	1	–	2	–	4·61	105	36
	Dyce	18–7 7	241	58·1	45·2	51·7	–	68	19	33	28	–	–	86	3·37	–	1·46	27	14	13	1	0	1	1	1	2	0	–	–	–
	Tarland	9 9 9	540	58·7	42·9	50·8	–	65	19,29	29	27	–	–	69	2·70	–	·56	13	18	16	2	0	0	0	–	–	1	–	–	–
Kincardine	Stonehaven ..	9 9 9	12	60·0	46·0	53·0	–	66	29	34	25,27	–	–	65	2·56	–	·95	27	16	10	0	0	0	0	0	–	0	4·50	–	35
Angus	Arbroath.. ..	9 9 9	93	59·7	44·8	52·3	-1·0	65	17	31	27	–	–	54	2·11	112	·72	27	9	9	0	0	0	0	0	10	0	4·41	96	35
	Buddon Ness ..	9 9 9	15	59·6	46·6	53·1	–	64	5	29	26,27	–	–	61	2·39	–	·57	13	12	10	0	0	0	0	1	–	6	–	–	–
	Dundee .. ¶§	9 9 9	147	60·6	44·2	52·4	-0·9	67	5	29	27	54·7	–	58	2·28	114	·69	4	14	9	0	0	0	1	–	6	0	4·24	104	33
	Kettins	9 9 9	218	59·8	44·9	52·3	+0·1	66	1	28	27	54·6	–	89	3·49	158	·98	13	16	11	0	0	0	1	1	5	5	–	–	–
	Montrose.. ..	9 9 9	16	(59·0)	47·3	(53·1)	(0·0)	–	–	32	27	–	–	54	2·12	–	·67	27	11	8	0	0	1	0	1	–	0	4·40	99	34
	,, (Airfield)	18–7 7	22	59·2	46·7	52·9	–	65	14,29	31	27	–	–	57	2·23	–	·69	27	14	8	0	0	0	1	1	2	0	–	–	–
Perth	Errol	18–7 7	31	(61·0)	45·6	(53·3)	–	–	–	29	27	–	–	53	2·10	–	·54	13	13	7	0	0	0	1	0	4	0	–	–	–
	Longforgan ..	9 9 9	166	60·2	45·5	52·9	–	66	1	31	27	–	55·4	54	2·12	–	·54	4	14	10	0	0	0	1	1	3	1	4·50	–	35
	Perth	9 9 9	76	61·0	45·8	53·4	+0·1	66	1,9,14	29	27	–	–	80	3·16	142	1·12	13	13	10	0	0	1	1	–	–	5	4·10	95	32
Fife	Cupar	9 9 9	210	60·0	46·6	53·3	+0·4	67	1	29	27	–	–	71	2·81	–	·86	4	16	11	0	0	0	0	–	–	0	–	–	–
	Dunfermline ..	9 9 9	237	60·5	46·2	53·3	–	67	1	29	27	56·1	56·0	65	2·55	–	·92	13	13	9	0	0	0	1	0	4	0	3·82	–	30
	Kirkcaldy ..	9 9 9	137	60·9	45·8	53·3	-1·2	65	1,15	29	27	–	–	53	2·09	–	·37	27	17	10	0	0	0	1	–	–	0	3·02	–	24
	Leuchars ..	18–7 7	36	60·5	47·4	53·9	+0·7	68	1	31	27	–	–	55	2·18	113	·63	4	13	8	0	0	0	0	0	3	0	4·76	103	37
	Lundin Links ..	9 9 9	40	60·3	46·7	53·5	–	67	14	30	27	–	–	53	2·10	–	·55	4	11	9	0	0	0	0	0	–	0	3·89	–	31
	St. Andrews ..	9 9 9	13	60·1	46·9	53·5	-0·1	67	1	33	27	54·9	53·6	68	2·69	134	·81	4	17	13	0	0	0	0	1	1	0	4·06	90	32
Mid Lothian	Balerno	9 9 9	750	57·5	45·3	51·4	–	66	1	30	27	–	–	62	2·45	–	·59	19	20	11	0	0	0	1	1	3	0	3·59	–	28
	Edinburgh—																													
	Blackford H. ¶§	2121 9	441	59·0	47·5	53·3	-0·1	68	1	33	27	–	–	31	1·23	60	·36	13	16	8	0	0	0	0	1	0	1	4·17	95	33
	Botanic Garden	9 9 9	74	61·2	46·7	53·9	–	70	1	28	27	–	–	36	1·41	–	·38	13	13	9	0	0	0	0	1	3	–	4·06	–	32
	Univ. King's B.	9 9 9	225	60·9	47·6	54·3	–	70	1	34	27	53·9	54·7	30	1·18	–	·30	13	14	8	–	–	–	–	–	–	–	–	–	–
	Boghall	9 9 9	639	58·7	45·6	52·1	-0·4	66	1	32	27	52·3	53·5	44	1·72	–	·40	27	16	11	0	0	0	1	1	1	–	3·84	90	30
	Liberton ..	9 9 9	190	61·4	46·7	54·1	–	71	1	32	26	–	–	30	1·18	–	·29	27	14	8	0	0	0	0	–	–	–	–	–	–
E. Lothian	Dunbar	9 9 9	75	60·2	44·0	52·1	–	68	1	31	27	–	–	33	1·32	–	·41	14	15	9	0	0	0	1	0	2	0	4·23	–	33
	N. Berwick ..	9 9 9	118	60·4	47·3	53·9	-0·5	70	1	32	27	–	–	42	1·64	83	·37	27	15	10	0	0	0	1	1	1	0	3·79	86	30
Berwick	Marchmont ¶§	9 9 9	498	59·7	43·7	51·7	-0·8	68	15	31	27	–	–	47	1·87	78	·57	27	17	9	0	0	0	0	–	–	0	3·72	88	29S
	St. Abb's Head	18–7 7	280	58·3	48·6	53·5	–	67	5	37	28	–	–	51	2·01	–	·67	27	15	10	0	0	0	1	3	–	0	–	–	–
Peebles	Peebles	9 9 9	—	60·0	44·1	52·1	–	65	1,9,12	23	27	–	–	44	1·72	–	·49	13	14	8	0	0	0	1	0	3	0	3·52	–	28
	West Linton ..	9 9 9	820	58·5	43·3	50·9	+0·8	67	6	26	27	49·3	53·1	45	1·78	–	·58	13	16	12	0	0	0	1	3	10	0	–	–	–
Roxburgh	Kelso (Br'ml'ds)	9 9 9	193	59·8	45·2	52·5	-0·7	65	14	28	27	–	–	38	1·50	79	·33	27	15	11	0	0	2	1	1	–	–	–	–	–
	Wolfelee	9 9 9	537	58·8	42·7	50·7	-0·9	67	1	25	27	–	–	85	3·34	130	·61	7	15	14	0	0	1	1	0	–	0	–	–	–

¶§, § *See* Notes on Tables in Annual Summary.

* Station transferred to Alness, March 24th, 1943.

TABLE III (*continued*)—Summary of Observations of Temperature, Rainfall, Sunshine and Weather SEPTEMBER, 1943

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation: Max. Min. Rain	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES FAHRENHEIT: Means of A Max.	Means of B Min.	Mean of A and B	Difference from Average	Absolute Maximum and Minimum: Maximum	Date	Minimum	Date	EARTH TEMPERATURE: 1 ft	4 ft	RAINFALL: Total Fall mm	Total Fall in	Percentage of Average	Most in a day: Amount	Most in a day: Date	WEATHER Number of days: Precip'n 0·1in (0·2 mm) or more	Precip'n 0·4in (1·0 mm) or more	Snow	Snow lying	Hail	Thunderstorm	Fog (Morn'g Obs.)	Ground Frost	Gale	BRIGHT SUNSHINE: Daily Mean	Percentage: of Average	Percentage: of Possible
		G.M.T.	ft	°F	°F	°F	°F	°F		°F		°F	°F	mm	in	%	in											hr	%	%
6a SCOTLAND, W.																														
Argyll	Ardtornish ..	2121 9	48																											
	Colonsay ..	9 9 9	87	58·2	48·8	53·5	–	66	9	37	26,27	–	–	122	4·81	–	·57	4,27	26	23	0	0	1	0	–	–	0	–	–	–
	Dunoon (Benmore)	9 9 9	46	59·7	45·2	52·5	–	67	10,11	28	27,28	54·9	55·3	201	7·92	–	2·10	4	19	18	0	0	0	0	0	5	0	2·77	–	22S
	Dunoon	9 9 9	132	59·3	46·3	52·8	–	65	10	31	27	–	–	141	5·54	–	1·15	27	18	16	0	0	0	0	0	3	–	3·28	–	26
	Glenbranter ..	9 9 9	120	59·7	45·9	52·8	+0·2	68	9	27	27	–	–	212	8·35	–	2·12	4	18	18	0	0	0	0	0	3	–	–	–	–
	Oban	9 9 9	229	58·0	48·0	53·0	–	66	9	36	27	–	–	112	4·41	–	·64	4	23	18	0	0	0	0	0	1	0	2·07	54	16
	Tiree .. ¶§	18–7 7	44	58·1	49·6	53·9	–0·4	65	10	36	27	–	–	112	4·40	119	·83	4	26	20	0	0	0	0	0	1	2	3·33	76	26
Bute	Rothesay ¶§	2121 9	200	59·7	46·7	53·2	–0·3	65	9	38	22,26	54·3	54·6	144	5·66	140	1·13	4	22	20	0	0	0	0	0	1	2	–	–	–
Dumbarton	Cardross	9 9 9	130	59·9	46·0	52·9	0·0	67	9	27	27	–	–	89	3·52	–	1·10	4	19	17	0	0	0	0	0	–	–	3·25	88	26S
	Helensburgh ..	9 9 9	293	59·8	46·3	53·1	–0·4	67	4,9	31	27	–	–	98	3·87	92	·95	4	22	18	0	0	0	0	1	–	0	3·46	98	27
Stirling	Balfron	9 9 9	342	(59·5)	45·7	(52·6)	–	–	–	26	27	–	–	117	4·61	–	1·31	5	20	16	0	0	0	0	0	–	0	–	–	–
	Stirling	9 9 9	151	59·8	47·5	53·7	+0·2	65	1,5,9	31	27	54·5	55·1	75	2·94	–	1·08	4	13	11	0	0	0	0	0	1	–	3·65	90	29
Renfrew	Greenock ..	9 9 9	199	59·3	48·6	53·9	+0·2	67	9	34	27	–	–	120	4·74	106	1·12	4	21	18	0	0	0	0	0	1	0	3·61	–	28
	Paisley	2121 9	106	60·1	48·5	54·3	0·0	66	9	34	27	55·3	55·4	64	2·52	84	·84	4	21	16	0	0	0	0	0	2	0	3·92	99	31
	Abbotsinch ¶§	18–7 7	19	60·1	47·1	53·6	+0·6	67	9	28	27	–	–	66	2·61	100	·86	4	22	14	0	0	0	0	0	3	0	3·98	101	31
Lanark	Carluke ..	9 9 9	534	58·9	46·0	52·5	–	67	9	29	27	–	–	46	1·80	–	·30	4	18	13	0	0	0	1	0	3	0	3·24	–	26
	Dungavel ..	9 9 9	798	56·9	42.5	49·7	–0·7	66	9	27	27	–	–	87	3·41	–	·74	27	22	17	0	0	0	0	1	2	0	–	–	–
	Glasgow, Spr.' Pk.	9 9 9	351	59·9	45·2	52·5	–	67	9	29	27	–	–	59	2·32	–	·57	4	23	16	0	0	0	0	–	6	–	3·00	–	24
Ayr	Auchincruive ..	9 9 9	89	61·2	46·6	53·9	–	70	9	27	27	55·8	56·1	53	2·07	–	·25	16	22	17	0	0	0	1	0	3	0	3·81	–	30
	Ayr	9 9 9	43	60·1	47·1	53·6	–	69	9	29	27	–	–	51	1·99	–	·25	7	19	18	0	0	0	0	0	1	0	3·94	–	31
	Colmonell ..	9 9 9	170	60·0	47·2	53·6	–0·7	68	9,12	26	27	–	–	80	3·15	91	·83	4	21	17	0	0	0	0	0	2	0	–	–	–
	Kilmarnock ..	9 9 9	130	61·3	45·6	53·5	–0·2	72	9	24	27	55·8	56·3	67	2·63	–	·38	4	20	16	0	0	0	1	0	3	0	3·79	94	30
	Prestwick ..	9 9 9	17	59·6	48·8	54·2	–	69	9	30	27	–	–	49	1·94	–	·33	7	21	17	0	0	0	0	0	1	0	3·85	–	30
	Troon	9 9 9	15	59·7	49·6	54·7	–	69	9	33	27	–	–	49	1·92	–	·22	4	20	18	0	0	0	0	0	2	0	3·78	–	30
	Turnberry ..	9 9 9	30																											
Dumfries	Dumfries.. ¶§	9 9 9	140	60·4	45·8	53·1	–0·6	69	13	30	27	55·7	55·8	73	2·89	107	·70	13	17	9	0	0	0	2	0	5	–	3·56	87	28
	Eskdalemuir ¶§	242424	794	58·0	42·0	50·0	0·0	65	9	23	27	53·6	53·1	150	5·89	159	·87	27	21	18	0	0	0	1	3	11	0	2·78	75	22
		18–7 –	—	57·8	42·9	50·3	–0·4																							
	Ruthwell.. ..	2121 9	67	61·3	45·4	53·3	–0·4	70	9,13	27	27	–	–	75	2·96	–	·73	13	13	10	0	0	0	1	–	–	0	3·57	92	28S
Kirkcudbright	Glenlee	9 9 9	181	60·6	45·0	52·8	–	68	9	24	27	–	–	77	3·05	–	·71	4	19	14	0	0	0	0	0	3	0	–	–	–
Wigtown	Newton Stewart	9 9 9	75																											
6b ISLE OF MAN																														
Isle of Man	Douglas	9 9 9	284	59·1	50·0	54·5	–0·4	65	13	35	27	–	–	99	3·89	119	·84	13	19	12	0	0	0	0	0	2	0	4·71	93	37
	Point of Ayre ..	18–7 7	30	61·3	50·9	56·1	–	66	1,13	40	27	–	–	79	3·12	–	·52	16	19	13	0	0	0	0	0	–	1	4·35	–	34
2 ENGLAND, N.E.																														
Northum-berland	Berwick-on-T. ..	9 9 9	76	59·1	47·2	53·1	–0·4	66	5,14	32	27	–	–	39	1·53	87	·59	27	15	9	1	0	1	1	1	1	0	4·76	106	38
	Bellingham ..	9 9 9	849	57·8	43·4	50·6	–0·9	64	5,9	28	27	–	–	76	3·00	125	·46	1	16	15	0	0	0	1	1	–	–	–	–	–
	Cockle Park ¶§	2121 9	325	59·9	45·6	52·7	0·0	67	5	32	27	52·8	53·9	81	3·19	154	·64	16	17	12	0	0	0	1	0	3	0	4·96	111	39
	Ouston	18–7 7	426	59·6	45·5	52·5	–	66	14	30	27	–	–	69	2·73	–	·69	16	16	9	0	0	1	1	2	2	0	–	–	–
	Tynemouth ..	18–7 7	108	59·7	49·4	54·5	–0·7	68	14	33	27	–	–	77	3·03	168	·48	27	15	14	0	0	0	1	1	0	1	4·40	–	35
Durham	Chopwellwood ..	9 9 9	446	60·8	46·1	53·5	+0·6	68	1	32	27	–	–	71	2·78	134	·67	16	15	12	0	0	0	1	1	3	–	4·14	94	33
	Durham .. ¶§	2121 9	336	61·9	45·2	53·5	0·0	70	14	33	27	–	–	87	3·43	197	·80	16	17	12	0	0	0	0	1	3	–	4·40	105	35
	Houghall.. ..	9 9 9	160	62·0	45·0	53·5	–0·9	70	14	31	22,26	–	–	85	3·35	–	·82	16	13	12	0	0	0	3	0	8	0	4·42	106	35
	Ushaw College ..	9 9 9	594	60·1	46·5	53·3	–0·4	68	14	33	27	–	–	83	3·25	161	·88	16	13	11	0	0	0	2	0	–	–	–	–	–
Yorks., N. Riding	Ampleforth ..	9 9 9	313	61·4	47·6	54·5	–0·1	69	14	36	22,27	–	–	103	4·04	–	1·02	14	11	10	0	0	0	3	1	2	–	4·48	–	35
	Castleton ..	9 9 9	450	60·8	45·1	52·9	–	71	14	31	27	55·7	–	117	4·60	–	1·01	14	14	12	0	0	0	3	0	–	–	–	–	–
	**Catterick.. ..	18–7 7	175	61·2	47·0	54·1	–	68	5,14	35	27	–	–	113	4·47	–	·93	10	14	11	0	0	0	2	3	2	0	3·90	–	31
	Linton-on-Ouse ..	18–7 7	46	63·5	47·4	55·5	–	71	8,14	31	27	–	–	88	3·47	–	·80	1	12	9	0	0	1	2	1	0	1	–	–	–
	Redcar	9 9 9	25	62·2	49·0	55·6	–	71	14	36	27,28	–	–	86	3·40	–	·80	14	12	11	–	–	–	–	3	–	–	4·75	–	37
	Scarborough †¶§	9 9 9	118	65·4	49·8	57·6	+0·7	71	1,14	38	27	–	57·7	86	3·39	189	1·00	12	18	12	0	0	0	2	2	–	–	5·17	111	41
	Thornaby ..	18–7 7	60	63·2	47·5	55·3	–	71	14	31	27	–	–	87	3·41	–	·87	14	12	10	0	0	0	2	3	4	0	–	–	–
	Whitby	9 9 9	130	61·9	48·6	55·3	–	71	14	36	27	–	–	74	2·93	–	·77	12	15	14	0	–	0	3	0	1	–	4·79	96	38
	York .. ¶§	9 9 9	57	62·9	49·2	56·1	+0·2	73	14	35	27	56·1	55·7	84	3·29	202	1·12	1	14	7	0	0	1	2	–	–	–	4·45	105	35
Yorks., E. Riding	Bridlington ..	2121 9	76	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Driffield ..	18–7 7	65	62·4	48·3	55·3	–	72	14	36	27	–	–	97	3·83	–	1·17	10	16	11	0	0	0	2	2	0	0	–	–	–
	Hull	2121 9	8	63·5	50·2	56·9	+0·8	75	14	39	22	56·9	57·2	77	3·03	176	1·07	10	16	9	0	0	0	1	3	0	–	4·47	99	35
	Spurn Head ..	18–7 7	29	62·0	52·1	57·1	–0·3	71	14	40	27	–	–	48	1·91	117	·58	10	12	8	0	0	0	2	0	–	0	5·12	104	40
Lincoln	Boston—																													
	(Freiston Road)	2121 9	16	64·7	49·1	56·9	–	74	13,14	37	22,26	–	–	48	1·90	–	·61	27	14	10	0	0	0	2	2	0	–	–	–	–
	(North Sea Camp)	18–7 7	10	65·6	49·3	57·5	–	73	13,14,17	36	26	–	–	46	1·82	–	·60	27	14	10	0	0	0	2	2	–	–	4·95	–	39
	Cranwell .. ¶§	18–7 7	203	64·1	48·7	56·4	+0·3	75	14	38	22,27	58·0	58·1	60	2·38	134	·93	10	13	8	0	0	1	2	4	0	0	5·05	106	40
	Cleethorpes ..	9 9 9	23	63·3	50·1	56·7	–0·3	74	14	38	27	–	–	58	2·28	–	·53	10	14	8	0	0	0	1	0	–	–	5·06	104	40
	Skegness ..	9 9 9	15	63·0	50·7	56·9	+0·4	71	14	39	27	–	–	45	1·75	97	·57	27	13	9	0	0	0	1	0	–	–	5·08	97	40

† At Scarborough the earth thermometer is at a depth of 3 ft.

¶§. S *See* Notes on Tables in Annual Summary.

** At Scorton from March 9th.

TABLE III (*continued*)—Summary of Observations of Temperature, Rainfall, Sunshine and Weather SEPTEMBER, 1943

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation: Max. Min. Rain	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES FAHRENHEIT: Means of A Max.	B Min.	Mean of A and B	Difference from Average	Absolute Maximum and Minimum: Maximum	Date	Minimum	Date	Earth Temperature 1 ft	4 ft	RAINFALL: Total Fall mm	in	Percentage of Average	Most in a day: Amount	Date	WEATHER Number of days: Precip'n ·01 in (0·2 mm or more)	·04 in (1·0 mm or more)	Snow	Snow lying	Hail	Thunderstorm	Fog (Mort'g Obs.)	Ground Frost	Gale	BRIGHT SUNSHINE: Daily Mean	Percentage: of Average	of Possible
		G.M.T.	ft	°F	°F	°F	°F	°F		°F		°F	°F	mm	in	%	in											hr	%	%
3 ENGLAND, E.																														
Norfolk	Cromer	9 9 9	178	65·9	51·5	58·7	+1·0	77	14	41	23,28	–	–	51	2·00	109	·59	27	15	9	0	0	0	1	0	0	0	5·11	99	40
	Hunstanton	9 9 9	100	65·1	51·6	58·3	0·0	75	14	42	27,28	–	–	38	1·48	–	·63	27	14	8	0	0	0	1	0	–	–	5·05	102	40
	Norwich	9 9 9	110	65·7	49·3	57·5	+0·4	76	14	38	23	56·8	–	55	2·18	–	·50	9	17	11	0	0	0	2	–	0	–	5·00	97	39
	Sprowston	9 9 9	93	65·3	49·5	57·4	+0·3	74	1,13	38	23	–	–	64	2·52	–	·43	9	17	12	0	0	1	1	–	0	–	5·19	101	41
	Terrington	9 9 9	13	65·0	48·3	56·7	–	73	14	36	22,23	–	–	48	1·88	–	·45	27	13	12	0	0	0	1	0	1	–	5·19	–	41
	Yarmouth ¶§	18–7 7	5	63·5	52·2	57·9	−0·2	70	6,13	42	23	59·7	58·6	75	2·97	151	·53	9	17	11	0	0	1	1	1	0	0	5·11	97	40
Suffolk	Bungay (Flix'n)	9 9 9	79	65·4	49·8	57·6	+0·2	73	1,13,14	39	23	–	–	57	2·24	–	·55	9	9	9	0	0	0	1	0	0	–	–	–	–
	Felixstowe Airfield	18–7 7	10	66·1	52·2	59·1	+0·6	72	6	40	27	–	–	45	1·79	108	·65	9	11	7	0	0	0	1	0	0	1	5·76	99	46
	Ipswich, Belstead	9 9 9	125	65·9	49·3	57·6	–	75	13	38	23	59·2	60·0	62	2·44	–	·73	12	13	9	0	0	0	2	0	3	0	5·00	–	40
	Lowestoft	9 9 9	82	65·5	50·8	58·1	+0·2	78	6	40	22,23,27	59·1	58·9	65	2·55	130	·83	9	14	10	0	0	0	2	3	1	–	4·75	84	37
	Mildenhall	18–7 7	15	66·2	48·9	57·5	–	76	13	34	22,26	–	–	42	1·64	–	·41	027	14	8	0	0	0	2	1	2	0	5·18	–	41
	Santon Downham	9 9 9	24	65·3	45·0	55·1	–	75	14	28	23	56·9	55·6	46	1·80	–	·68	27	14	9	0	0	0	2	0	7	–	–	–	–
	Stradishall	18–7 7	382	64·8	48·9	56·9	–	74	13	37	22	–	–	39	1·56	–	·37	27	13	11	0	0	0	3	3	0	0	–	–	–
Cambridge	Cambridge Gdns ¶§	2121 9	41	66·3	47·7	57·0	+0·1	73	14	32	26	59·3	59·6	34	1·33	83	·45	27	9	6	0	0	0	0	0	4	0	5·02	102	40
Bedford	Dunstable	18–7 7	516	63·9	48·0	55·9	–	74	11	33	27	57·4	56·6	21	·82	–	·33	10	8	6	0	0	0	3	4	4	0	5·13	–	41
	Luton	9 9 9	381	64·7	48·0	56·3	+0·2	74	11	31	22	58·2	57·9	33	1·31	–	·42	10	8	7	–	–	–	–	0	4	–	5·29	107	42
	Woburn	9 9 9	291	64·3	47·8	56·1	+0·4	73	11	31	27	57·6	56·5	34	1·35	75	·33	27	9	7	0	0	0	1	1	3	–	5·12	107	41
Hertford	Rothamsted ¶§	9 9 9	420	63·5	48·2	55·9	−0·2	74	11	35	23	57·1	–	47	1·83	96	·41	10	12	8	0	0	0	0	0	1	–	4·88	97	39
	St. Albans	9 9 9	272	64·5	47·0	55·7	−1·0	74	11	33	23,27	58·8	–	44	1·72	96	·44	10	11	9	–	–	0	0	0	4	–	–	–	–
Essex	Dovercourt	9 9 9	47	65·8	51·4	58·6	−0·2	73	13	40	27	–	–	61	2·40	–	1·25	9	6	6	0	–	0	0	3	–	–	5·56	–	44
	Earls Colne	9 9 9	160	66·2	48·7	57·5	−0·6	75	13	33	22	58·7	60·0	54	2·11	–	·53	27	13	11	0	0	0	3	–	2	–	–	–	–
	Halstead	9 9 9	140		47·4			76	13	33	22,23	–	–	45	1·77	–	·50	27	11	10	0	0	0	2	0	–	–	–	–	–
	Maldon	9 9 9	14	67·0	48·4	57·7	–	77	13	33	23	–	–	41	1·61	–	·51	10	10	7	0	–	0	2	2	–	–	4·95	–	39
	Shoeburyness	18–7 7	11	66·2	51·2	58·7	+0·2	75	13	37	27	–	–	64	2·53	151	·85	12	13	11	0	0	0	2	1	0	0	5·42	100	43
	Walton-on-Naze	9 9 9	35		50·9			73	13	38	27	–	–	50	1·99	–	·64	9	9	7	–	–	–	–	5	0	–	5·38	96	43
	Writtle	9 9 9	105	66·2	47·4	56·8		76	13	32	23	–	–	49	1·92	–	·82	10	10	7	0	0	0	2	–	4	–	–	–	–
4 MIDLAND COUNTIES																														
Yorks., W. Riding	Askham Bryan	9 9 9	90	63·0	46·8	54·9	–	72	14	33	27	–	–	77	3·03	–	1·08	1	11	7	0	0	0	4	0	2	–	4·22	–	33
	Bingley	9 9 9	610	60·0	47·5	53·7	–	65	1,8,9	33	27	–	–	113	4·43	–	1·12	14	16	13	0	0	0	2	4	3	–	–	–	–
	Bradford	9 9 9	439	60·0	48·2	54·1	+0·4	67	5,14	34	22	55·4	56·3	88	3·45	148	·81	10	14	9	0	0	–	–	3	2	–	3·70	93	29
	Doncaster	9 9 9	25	63·3	47·5	55·4	–	72	14	38	27	–	–	77	3·01	–	·75	10	13	10	0	0	0	2	1	–	–	4·37	–	34
	Finningley	18–7 7	39	63·7	48·9	56·3	–	75	14	36	22	–	–	65	2·58	–	1·08	10	16	9	0	0	0	2	3	–	–	–	–	–
	Harrogate ¶§	9 9 9	478	61·0	48·4	54·7	+1·0	68	14	34	27	55·2	55·9	77	3·03	151	·61	14	11	7	0	0	0	2	1	2	0	4·43	99	35
	Huddersfield	2121 9	325	61·1	47·3	54·2	+0·7	71	14	33	22	56·4	57·1	82	3·23	174	·86	1	17	12	0	0	0	–	4	5	–	4·31	113	34
	„ (Oakes)	9 9 9	761	59·6	47·1	53·3	−1·1	68	8,14	35	27	56·1	55·4	95	3·76	177	·59	12	19	15	0	0	0	2	6	3	0	–	–	–
	Ilkley	9 9 9	315	62·0	47·2	54·6	−0·1	68	8,14	31	27	–	–	127	4·99	–	1·31	14	16	12	0	0	0	1	4	1	–	4·09	98	32
	Meltham	9 9 9	585	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Pontefract	9 9 9	255	61·1	49·2	55·1	−1·2	76	14	37	27	–	–	81	3·20	215	·69	10	16	11	–	–	–	2	0	–	–	4·05	–	32
	Rotherham	7 7 7	284	62·7	47·7	55·2	–	73	14	35	22	55·3	–	85	3·34	–	·94	13	13	10	0	0	1	2	3	1	–	3·95	–	31
	Sheffield	9 9 9	428	61·9	49·9	55·9	0·0	71	14	39	22	56·1	56·3	83	3·27	175	·97	10	13	9	0	0	0	2	–	1	0	4·03	97	32
	Wakefield	9 9 9	115	63·6	48·2	55·9	0·0	73	5	34	22	56·1	55·9	70	2·74	171	·67	1	15	11	0	0	0	2	2	3	–	3·32	85	26S
Derby	Belper (School)	9 9 9	198	63·5	47·6	55·5	+0·3	72	14	33	22	–	–	65	2·54	133	·60	10	15	9	0	0	0	2	–	–	–	–	–	–
	Buxton	9 9 9	1007	58·0	46·3	52·1	−0·4	66	5	31	22	54·4	54·7	138	5·44	168	·97	27	22	18	0	0	0	1	4	1	–	3·60	88	28
Nottingham	Mansfield	9 9 9	357	62·8	48·6	55·7	−0·8	73	14	37	22,27	–	–	53	2·10	114	·59	9	13	8	0	0	0	2	3	–	–	–	–	–
	Nottingham ¶§	9 9 9	192	63·8	49·9	56·9	+0·8	74	14	40	27	57·7	59·2	53	2·09	126	·46	9,27	12	7	–	–	–	–	2	0	–	4·26	102	34
	Sutton Bonington	9 9 9	157	63·6	48·3	55·9	+0·2	73	14	32	22	57·8	–	49	1·92	128	·51	12	11	7	0	0	0	0	–	3	–	4·13	96	33
Leicester	Leicester	9 9 9	325	64·7	48·1	56·4	–	75	13	32	27	56·9	–	47	1·86	–	·45	14	9	9	0	0	0	2	0	2	–	4·14	–	33
Northampton	Oundle	9 9 9	147	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Peterborough	9 9 9	46	65·6	49·5	57·5	–	75	14	38	27	–	–	29	1·13	–	·28	27	12	7	0	–	0	2	–	–	–	–	–	–
	Raunds	9 9 9	193	65·5	47·7	56·6	–	74	13,14	34	27	58·6	57·8	29	1·14	–	·41	27	13	6	0	0	0	0	1	3	0	–	–	–
Warwick	Birmingham ¶§	18–7 7	535	62·1	49·6	55·9	−0·4	72	13	39	27	54·2	54·7	45	1·76	98	·47	1	14	7	0	0	0	1	4	3	0	4·20	102	33
	„ Sparkhill	7 7 7	425	64·9	46·0	55·5	−0·2	76	11	33	22	–	–	41	1·61	86	·33	9	14	6	0	0	0	1	6	7	–	–	–	–
	Coventry	9 9 9	241	64·8	46·8	55·8	–	76	11	31	22	58·8	61·0	47	1·85	102	·76	14	13	9	0	0	0	1	0	–	–	4·48	104	35S
	Honiley	18–7 7	427	63·2	47·5	55·3	–	74	11	34	22	–	–	45	1·77	–	·43	14	12	8	0	0	0	2	4	0	0	–	–	–
	Leamington Spa	9 9 9	163																											
	Rugby	2121 9	390					76	11	30	22	–	–	42	1·64	92	·41	12	11	9	0	–	0	1	–	7	–	–	–	–
	Shipston on Stour	9 9 9	364	64·1	48·1	56·1	–	74	11,13	35	22	–	–	65	2·54	–	·84	14	14	8	0	0	0	2	1	–	–	4·99	–	40
	Stratford on Avon	9 9 9	153	65·8	45·2	55·5	–	75	11,13,14	30	22	–	–	37	1·47	–	·57	14	10	8	0	0	0	1	0	5	–	4·86	–	38
Oxford	Oxford ¶§	9 9 9	208	65·8	48·5	57·1	+0·2	76	13	35	22	59·1	59·6	44	1·73	101	·29	12	12	9	0	0	1	3	1	3	0	4·75	100	38
	Upper Heyford	18–7 7	408	63·8	47·8	55·8	–	74	13	35	27	–	–	48	1·90	–	·38	9	14	8	0	0	0	1	2	1	0	–	–	–
Stafford	Market Drayton	9 9 9	581	61·0	46·8	53·9	–	69	11	32	22	–	–	115	4·54	–	1·20	1	19	16	0	0	2	2	4	4	–	3·89	–	31
	Mayfield	9 9 9	374	62·2	45·9	54·1	+0·4	72	14	31	22	–	–	73	2·89	136	·67	1	17	10	0	0	1	3	–	2	0	4·26	97	34S
	Oaken	7 7 7	409	63·0	45·6	54·3	–	73	11	33	22	57·1	–	57	2·23	–	·62	1	12	9	0	0	0	2	1	6	–	–	–	–
	Walsall	9 9 9	455	62·7	46·3	54·5	–	72	11,13,14	31	22	–	–	65	2·58	–	·76	12	17	7	0	0	0	1	7	5	1	–	–	–
Shropshire	Newport	9 9 9	211	62·7	45·8	54·3	–	72	11	31	22	–	–	105	4·12	227	1·19	1	25	14	0	0	0	3	0	2	–	4·35	–	34
	Oswestry	9 9 9	570	60·8	48·3	54·5	–	68	11	40	22,27	–	–	88	3·47	–	·85	12	22	15	0	0	1	2	2	1	0	4·23	–	33
	Shrewsbury	9 9 9	184	63·8	48·0	55·9	+0·2	73	11	32	22	58·7	59·9	77	3·05	–	·78	1	15	14	0	0	1	2	2	2	1	3·83	–	31
	Tern Hill	18–7 7	270	62·0	48·8	55·4	–	72	11	32	22	–	–	115	4·51	–	1·41	12	22	14	0	0	0	2	2	1	0	–	–	–

¶§, S *See* Notes on Tables in Annual Summary.

TABLE III (*continued*)—Summary of Observations of Temperature, Rainfall, Sunshine and Weather SEPTEMBER, 1943

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation: Max. Min. Rain	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES FAHRENHEIT: Means of A Max.	Means of B Min.	Mean of A and B	Difference from Average	Absolute Maximum and Minimum: Maximum	Date	Minimum	Date	Earth Temperature 1 ft	4 ft	RAINFALL: Total Fall mm	Total Fall in	Percentage of Average	Most in a day: Amount	Most in a day: Date	WEATHER Number of days: Precip'n 0·01in (0·2mm) or more	Precip'n 0·04in (1·0mm) or more	Snow	Snow lying	Hail	Thunderstorm	Fog(Morn'g Obs.)	Ground Frost	Gale	BRIGHT SUNSHINE: Daily Mean	Percentage of Average	Percentage of Possible
		G.M.T.	ft	°F	°F	°F	°F	°F		°F		°F	°F	mm	in	%	in											hr	%	%
4 MID COUNTIES—*cont.*																														
Worcester	Droitwich ..	9 9 9	106	64·7	45·2	54·9	–	76	13	29	22	–	–	46	1·80	–	·53	1	13	9	0	0	0	1	0	–	–	4·30	–	34
	Malvern	9 9 9	380	63·8	49·5	56·7	-0·2	74	13	40	27	57·7	58·7	57	2·25	117	·52	1	14	11	0	0	1	1	2	0	–	4·87	101	39
	Prestwood ..	9 9 9	260	64·6	46·7	55·7	–	74	11	31	22,27	–	–	52	2·06	–	·62	1	15	9	0	0	0	1	4	3	–	–	–	–
	Worcester, P'well	9 9 9	94	65·6	46·3	55·9	-0·7	77	13	32	22	–	–	66	2·61	–	·60	12	16	12	0	0	0	1	–	6	–	4·65	–	37
Hereford	Hereford ..	9 9 9	292	63·7	46·5	55·1	-0·3	71	13	34	22	–	–								–	–	–	–	0	0	–	–	–	–
	Ross-on-Wye ¶§	18–7 7	223	64·0	48·2	56·1	-0·6	74	13	35	22	58·8	58·9	85	3·35	175	1·21	12	17	12	0	0	0	2	6	2	0	4·48	99	36
Gloucester	Cheltenham ..	2121 9	214	65·9	48·5	57·2	+0·1	74	11,12	35	22,27	59·4	61·9	42	1·67	91	·53	14	14	9	0	0	0	1	1	2	0	4·84	103	38
	Frampton Cotterell	9 9 9	158	65·5	47·0	56·3	–	74	13	32	27	59·8	59·3	61	2·40	–	·52	10	16	11	0	0	0	2	0	4	–	–	–	–
	Parkend	9 9 9	325	63·2	46·0	54·6	–	72	13	34	22,27	57·7	58·0	95	3·75	–	1·01	12	18	14	0	0	0	1	1	3	0	4·78	–	38
	Stonehouse ..	9 9 9	150	65·7	47·2	56·5	–	76	13	33	22	–	–	47	1·87	–	·61	14	19	12	0	0	0	2	0	2	–	–	–	–
5 ENGLAND, S.E.																														
London	City, Bunhill Row	—	—																									4·41	102	35
	Camden Square ..	9 9 9	110	66·6	51·3	58·9	-0·1	78	11	39	27	58·2	59·0	55	2·17	119	·78	10	13	8	–	–	0	2	–	0	–	–	–	–
	East Ham ..	9 9 9	15	67·0	51·4	59·2	+1·1	77	11	39	27	–	–	40	1·56	92	·58	10	9	7	–	–	–	–	–	–	–	–	–	–
	Enfield	9 9 9	87	65·6	49·5	57·5	-0·2	77	11	35	23	–	–	48	1·90	103	·46	10	12	8	0	0	0	2	3	3	–	5·04	105	40
	Greenwich ..	2424 9	149	66·8	49·7	58·3	+0·4	79	11	35	23	58·7	58·9	44	1·74	97	·44	10	12	6	0	0	0	3	0	4	0	4·67	93	37
		21 9 –	—	66·8	50·0	58·4																								
	Hampstead ..	9 9 9	450	64·3	48·1	56·2	-0·4	75	11	35	27	–	–	57	2·24	–	·60	10,12	13	7	0	–	0	3	–	3	0	4·89	98	39
	Kensington ..	18–9 9	80	66·6	51·4	59·0	-0·1	77	11	38	27	60·0	60·0	49	1·94	108	·65	12	11	6	0	0	0	0	–	4	0	–	–	–
	Kingsway ..	—	—																									4·46	–	35
	Regent's Park ..	9 9 9	129	66·1	51·3	58·7	–	77	11	38	27	–	–	49	1·93	–	·57	10	11	6	0	0	0	2	0	3	–	4·68	110	37
	Kew ¶§	242424	18	64·4	50·4	57·4	-0·1	74	11	38	23	59·2	59·2	57	2·25	119	·73	12	15	9	0	0	1	3	3	5	0	4·33	89	34
	Observatory ..	18–7 –	—	64·4	50·6	57·5	-1·0																							
	Southgate ..	9 9 9	221	(65·7)	(49·7)	(57·7)	–	76	11	–	–	(58·9)	–	(53)	(2·08)	–	·73	10	–	–	0	0	0	3	–	–	0	(5·05)	–	(40)
	Tottenham ††¶§	2121 9	54	66·8	52·3	59·5	+1·0	76	11	39	27	–	62·0	52	2·03	120	·76	10	12	7	–	–	0	2	–	0	–	5·01	103	40
	Wealdstone ..	9 9 9	204	66·1	48·5	57·3	–	76	11	34	23	–	–	55	2·16	117	·64	10	12	7	0	0	0	3	0	5	0	5·36	–	43
	Westminster ..	9 9 9	27	66·5	52·5	59·5	+0·4	78	11	40	23	–	–	45	1·78	108	·52	10	12	6	0	–	0	2	–	0	–	4·49	97	36
Surrey	Addington ..	9 9 9	473	64·4	48·7	56·5	-0·3	74	13	34	27	–	–	44	1·72	–	·44	10	11	8	–	–	–	–	3	–	–	–	–	–
	Croydon	18–7 7	217	66·1	49·6	57·9	-0·2	77	11	35	22,27	–	–	37	1·47	75	·31	10	11	7	0	0	0	3	3	2	0	4·72	93	37
	Farnham * ..	9 9 9	260	66.0	45·8	55·9	–	76	11	31	23	–	–	48	1·90	–	·42	10	12	8	0	0	0	2	1	3	–	–	–	–
	Milford	9 9 9	180	66·5	43·9	55·2	–	75	11	25	27	–	–	38	1·51	–	·55	10	11	7	0	0	0	3	1	5	–	5·34	–	42
	Wisley	9 9 9	150	66·1	47·3	56·7	-0·4	75	11	30	27	58·8	59·1	45	1·75	84	·55	10	10	7	0	0	0	2	1	8	0	4·80	96	38
Kent	Bromley	9 9 9	213	67·1	49·1	58·1	–	77	11	34	22	–	–	52	2·05	113	·66	12	10	8	0	0	0	0	0	1	–	–	–	–
	Canterbury ..	9 9 9	135	67·6	48·3	57·9	-0·3	80	11	33	23	59·5	59·4	44	1·74	–	·57	12	11	7	–	–	–	–	2	–	–	–	–	–
	Deal	9 9 9	18	66·8	49·9	58·3	-1·7	75	11,12,13	37	23	59·2	59·5	30	1·19	–	·43	27	9	8	0	0	0	1	0	2	–	5·93	110	47
	Dover	5 5.5	200	65·5	44·9	55·2	-3·3	74	11	32	23	–	–	42	1·66	72	·85	27	10	9	0	0	0	2	–	–	–	–	–	–
	Dungeness ..	18–7 7	20	65·5	49·3	57·4	-1·4	71	5	30	23	–	–	64	2·54	124	·90	3	12	11	0	0	1	1	4	–	1	–	–	–
	East Malling ..	9 9 9	132	66·4	45·2	55·8	-0·3	77	11	31	23,27	–	–	61	2·38	–	·68	10	10	7	0	0	0	2	1	2	0	5·14	100	41
	Goudhurst ..	9 9 9	290	66·6	45·5	56·1	–	76	11,13	30	23	–	–	40	1·59	–	·45	27	12	11	0	0	0	4	1	9	–	–	–	–
	** Lympne	18–7 7	341		49·5			–	–	37	27	–	–	46	1·81	79	·52	9	12	10	0	0	0	1	0	0	0	5·87	105	47
	Manston	18–7 7	154	(65·1)	51·3	(58·2)	–	73	5,11,13	40	23	–	–	34	1·35	–	·35	12	12	10	0	0	0	1	1	0	0	5·68	–	45
	Ramsgate ..	9 9 9	80	(65·0)	(53·7)	(59·3)	(0·0)	–	–	–	–	–	–	31	1·21	–	·39	12	11	8	0	0	0	1	0	–	–	5·77	100	46
	Tunbridge W. ..	9 9 9	351	66·2	46·4	56·3	-1·0	78	13	32	23,27	58·9	61·0	29	1·15	–	·29	27	10	5	0	0	0	2	0	2	0	5·39	99	43
	Whitstable ..	9 9 9	9	66·0	50·5	58·3	–	76	13	34	23	–	–	42	1·65	–	·74	12	10	7	0	0	0	1	0	–	–	5·47	–	43
	Wye	9 9 9	164	66·0	47·9	56·9	-0·4	76	11,13	36	23	–	–	40	1·59	–	·43	12	12	8	0	0	0	0	–	0	–	5·92	111	47
	Margate ..	9 9 9	51	65·5	53·6	59·5	-0·2	74	13	44	23	61·0	61·4	39	1·55	79	·41	12	10	10	0	0	0	1	1	0	0	6·13	102	49
Sussex	Beachy Head ..	18–7 7	502	62·3	51·5	56·9	-0·8	71	12	38	27	–	–	58	2·27	–	·50	18	13	11	0	0	0	5	2	–	–	–	–	–
	Bexhill	9 9 9	12	64·1	50·8	57·5	-1·7	75	12	39	26,27	61·8	–	41	1·61	–	·35	14	11	8	0	0	0	2	1	0	–	–	–	–
	Bodiam	9 9 9	71	66·5	46·0	56·3	–	77	12	30	23	–	–	40	1·58	–	·50	12	9	7	0	0	0	0	1	6	–	5·22	–	41
	Bognor	9 9 9	24	63·9	50·8	57·3	-0·9	69	13,14	39	23,27	–	60·3	33	1·29	–	·33	10	9	8	0	0	0	3	0	–	–	5·65	95	45
	Hastings ¶§	2121 9	149	66·0	51·2	58·6	-0·1	76	12	39	23,27	61·3	61·1	51	2·01	85	·69	12	12	9	0	0	0	1	1	0	0	–	–	–
	Horsham	9 9 9	350	67·4	43·9	55·7	–	78	11	29	27	55·4	–	40	1·56	–	·50	10	12	10	0	0	0	5	0	7	–	–	–	–
	Littlehampton ..	9 9 9	15	64·8	50·2	57·5	-0·8	77	12	38	23,26	–	60.9	33	1·28	–	·30	9	10	8	0	0	0	4	0	–	–	5·81	102	46
	Patcham ..	9 9 9	200	65·9	47·8	56·9	–	77	12	33	23,27	59·8	–	49	1·94	–	·43	9	11	10	0	0	0	3	–	2	0	–	–	–
	Seaford	9 9 9	45	64·6	50·6	57·6	–	76	12	36	23	–	–	47	1·83	–	·44	9	12	10	0	0	0	2	0	–	–	–	–	–
	Thorney Is. ..	18–7 7	10	66·1	48·5	57·3	–	78	12	33	24	–	–	41	1·63	–	·55	10	14	7	0	0	0	3	1	1	0	–	–	–
	Worthing ..	9 9 9	25	65·3	52·0	58·7	+0·1	77	12	39	27	59·6	60·8	31	1·22	57	·25	10	13	8	0	0	0	2	0	1	–	–	–	–
Berkshire	Reading .. †	9 9 9	152	66·1	48·4	57·3	+0·2	75	11,13	35	23	57·8	58·7	42	1·67	–	·40	12	12	7	0	0	0	3	–	0	–	5·43	–	43
	Shinfield ..	9 9 9	200	66·0	47·0	56·5	-0·6	75	11	32	23	–	–	43	1·69	–	·42	10	11	8	0	0	0	0	–	4	–	–	–	–
Hampshire	Bournemouth ..	9 9 9	139	65·1	48·8	56·9	-0·9	74	12	36	27	58·0	59·8	63	2·47	106	1·28	10	16	11	0	0	0	3	1	–	–	5·31	·98	42
	Bramley	9 9 9	196	65·8	45·2	55·5	–	75	12,13	29	27	58·7	60·5	28	1·11	–	·33	10	13	6	0	0	0	3	0	4	–	–	–	–
	Leckford ..	9 9 9	385																											
	Long Sutton ..	9 9 9	479	66·5	46·1	56·3	-0·8	75	11	31	27	–	–	41	1·63	–	·46	10	12	10	0	0	0	0	2	1	–	4·92	98	39
	Portsmouth ..	9 9 9	15	65·3	51·8	58·5	-0·9	76	12	40	23,27	59·5	60·7	32	1·27	59	·46	10	9	7	0	0	0	4	0	0	0	5·29	93	42
	Southampton ¶§	2121 9	64	66·4	48·8	57·6	-0·5	78	12	35	27	–	–	49	1·92	88	·87	10	15	9	0	0	0	3	0	0	0	5·29	98	42
	S. Farnboro' ..	18–7·7	226	65·7	47·5	56·6	-0·5	75	11,12	31	27	–	–	39	1·53	80	·42	10	13	9	0	0	0	3	4	4	0	5·24	101	42
I. of Wight	*Newport	9 9 9	48	–	–	–	–	–	–	–	–	–	–	38	1·51	–	·40	10	17	11	0	0	0	2	–	3	–	–	–	–
	Ryde	9 9 9	13	65·1	51·5	58·3	-0·6	73	13	40	23	–	–	39	1·54	–	·38	12	13	9	0	0	0	4	0	–	0	5·63	106	45
	St. Catherine's Pt.	18–7 7	150	63·5	52·3	57·9	–	71	12,13	39	27	–	–	34	1·34	–	·28	9	16	10	0	0	0	1	1	–	0	–	–	–
	Sandown ..	9 9 9	13	64·6	51·3	57·9	-1·1	71	13	40	23,27	–	–	39	1·52	–	·28	27	13	10	0	0	0	3	0	–	–	5·68	99	45
	Totland Bay ..	9 9 9	140	64·3	51·0	57·7	-0·6	73	12	39	23	–	–	57	2·25	101	·95	10	13	10	0	0	0	1	1	0	1	5·36	96	43
	Ventnor(Hospital)	9 9 9	60	64·5	53·1	58·8	-0·8	72	12	42	27	–	–	35	1·37	55	·38	10	14	9	0	0	0	3	–	0	0	5·68	98	45
Wiltshire	Amesbury ..	18–7 7	417	64·0	46·7	55·3	–	73	12,13	33	27	–	–	54	2·12	–	·65	18	18	12	0	0	0	3	2	0	0	5·26	–	42
	Larkhill	9 9 9	440	63·6	47·3	55·5	-0·8	74	13	34	27	–	–	34	1·35	80	·24	10	17	10	0	0	0	1	0	2	0	–	–	–
	Marlboro' ¶§	9 9 9	424	64·7	43·4	54·1	-0·7	74	12	28	27	57·7	57·3	38	1·50	71	·27	10	14	8	0	0	0	3	1	3	0	5·59	117	44
	Porton	9 9 9	363	64·1	46·3	55·2	-0·8	74	13	29	27	57·8	–	39	1·55	89	·31	18	17	10	0	0	0	2	0	3	0	5·17	102	41

¶§, § *See* Notes on Tables in Annual Summary. †† Tottenham is used as a "district value" station for England, E., and not for England, S.E. † Sunshine recorder is at Seed Trial Grounds.
* Sunshine recorder and earth thermometers at Staplers. ** Height changed on June 25th, 1943.

TABLE III (*continued*)—Summary of Observations of Temperature, Rainfall, Sunshine and Weather SEPTEMBER, 1943

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation: Max. Min. Rain	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES FAHRENHEIT: Means of A Max.	Means of B Min.	Mean of A and B	Difference from Average	Absolute Maximum and Minimum: Maximum	Date	Minimum	Date	Earth Temperature 1 ft	Earth Temperature 4 ft	RAINFALL: Total Fall mm	Total Fall in	Percentage of Average	Most in a day: Amount	Most in a day: Date	WEATHER Number of days: Precip'n 0·01in (0·2 mm) or more	Precip'n 0·04in (1·0 mm) or more	Snow	Snow lying	Hail	Thunderstorm	Fog (Mort'g Obs.	Ground Frost	Gale	BRIGHT SUNSHINE: Daily Mean	Percentage: of Average	Percentage: of Possible
		G.M.T.	ft	°F	°F	°F	°F	°F		°F		°F	°F	mm	in	%	in											hr	%	%
7a ENGLAND, N.W.																														
Cumberland	Keswick	9 9 9	254	60·1	47·7	53·9	−0·3	68	9,13	28	27	56·2	57·1	166	6·54	155	1·35	13	20	15	0	0	0	2	0	2	0	3·32	87	26
	Newton Rigg ¶§	2121 9	560	60·2	45·1	52·7	−0·2	67	12	27	27	–	–	107	4·23	156	1·25	16	19	15	0	0	1	2	0	2	0	3·48	84	27
Westmorland	Ambleside ..	9 9 9	145	61·8	45·9	53·9	–	70	12	28	27	–	–	212	8·33	–	1·72	16	19	15	0	0	0	1	0	–	–	3·73	–	29
	Appleby	9 9 9	440	59·8	45·1	52·5	−0·1	67	13	27	27	–	–	91	3·57	141	·89	16	20	14	0	0	0	2	–	–	–	–	–	–
Lancashire	Blackpool ..	9 9 9	65	61·4	50·4	55·9	+0·4	68	5,12	35	27	57·7	58·9	122	4·80	168	1·02	13	21	16	0	0	1	1	0	3	–	3·97	86	31
	Bolton	9 9 9	342	61·3	47·1	54·2	−1·1	69	5,13	34	22,27	56·5	56·0	146	5·74	162	·98	1	26	22	0	0	0	–	0	–	–	3·34	99	26
	Burnley	9 9 9	458	59·8	48·0	53·9	+0·2	67	5, 8	30	27	56·6	56·6	106	4·16	–	·65	1	21	16	0	0	0	2	0	5	–	–	–	–
	Darwen	2121 9	724	60·2	47·5	53·9	+0·1	69	8	33	27	55·7	56·1	139	5·48	144	·86	27	24	20	0	0	0	0	1	0	–	3·63	99	27S
	Fleetwood ..	9 9 9	21	61·7	50·3	56·0	–	67	5,12,13	36	27	–	–	121	4·77	–	·95	1	23	15	0	0	0	1	(0)	(2)	0	3·99	–	31
	Hutton	9 9 9	82	61·5	49·0	55·3	+0·1	69	5	32	27	57·6	58·1	129	5·08	–	·73	27	22	17	0	0	1	2	–	1	0	3·93	93	31
	Leyland	9 9 9	125	61·9	48·5	55·2	+0·4	69	5	33	27	–	–	134	5·27	177	·85	16	22	19	0	0	0	0	0	3	–	–	–	–
	Manchester (Burnage) ..	9 9 9	147	62·7	48·9	55·8	–	70	5,14	34	22	–	–	108	4·26	–	·98	12	23	16	0	0	0	1	3	–	–	3·25	–	26
	(Whitworth Pk.)	2121 9	125	62·5	49·6	56·1	−0·1	71	13,14	36	22	57·4	56·5	106	4·19	176	·92	12	20	17	0	0	0	1	7	2	0			
	Morecambe ..	9 9 9	23	60·7	50·6	55·7	−0·6	68	13	35	27	–	–	120	4·73	154	·79	16	21	18	0	0	0	1	0	–	0	4·29	94	34
	Nelson	9 9 9	540	59·1	47·6	53·3	–	66	5	32	27	54·9	55·6	113	4·44	–	·75	1	23	13	–	–	–	–	4	2	–	3·37	–	27
	Southport (Bedford Rd.Pk.) ¶§	9 9 9	35	61·9	49·6	55·7	−0·2	69	5	34	22	56·8	57·1	99	3·89	141	·67	16	20	15	0	0	0	2	0	2	1	4·51	97	36
	Stonyhurst ¶§	9 9 9	377	59·6	48·6	54·1	−0·2	66	13	35	27	–	–	125	4·93	129	·79	27	24	22	0	0	0	2	0	3	0	3·87	93	30
Cheshire	Bidston Obs'y ..	9 9 9	198	60·0	51·1	55·5	−0·4	66	9,11,13	40	27	–	–	94	3·69	153	·63	12	20	16	–	–	–	2	3	0	–	4·45	102	35
	Hoylake	9 9 9	22	61·7	50·7	56·2	−0·3	68	5, 9	37	22	–	–	73	2·89	119	·58	12	21	15	0	0	0	1	–	0	–	4·53	97	36
	Macclesfield ..	9 9 9	500	61·5	48·1	54·8	+0·2	70	5	35	22	–	–	101	3·97	157	1·12	1	20	16	0	0	0	2	1	–	–	–	–	–
	Manchester (Ringway) ..	18–7 7	235	61·1	48·1	54·6	–	71	13	33	22	–	–	93	3·68	–	·87	1	21	17	0	0	0	2	2	2	0	–	–	–
	Warburton ..	9 9 9	68	62·2	47·9	55·1	–	70	5	31	22	–	–	90	3·53	–	·64	12	21	19	0	0	0	3	1	0	–	3·59	–	28
	West Kirby ..	9 9 9	25	62·9	50·8	56·9	−0·6	68	5, 9,13	38	22	–	–	77	3·05	132	·52	12	25	18	0	0	4	4	0	3	–	4·40	93	35
7b NORTH WALES																														
Flint	Hawarden B'dge	9 9 9	17	63·2	49·4	56·3	−0·2	71	11	36	22	–	–	121	4·77	–	·74	14	21	19	0	0	0	1	0	–	–	–	–	–
	Prestatyn ..	9 9 9	18	63·6	51·5	57·5	–	72	11	39	27	–	–	100	3·93	–	·57	17	18	14	0	0	0	1	0	–	–	4·05	–	32
	Rhyl	9 9 9	31	62·2	51·0	56·6	+0·1	71	13	39	27	–	–	109	4·27	207	·66	25	19	16	0	0	0	1	0	0	2	4·32	90	34
	Sealand .. ¶§	18–7 7	16	62·8	50·1	56·5	+0·7	71	11	34	22	57·4	57·6	103	4·05	210	·57	14	21	17	0	0	0	2	1	2	1	4·32	100	34
Anglesey	Holyhead ¶§	7 7 7	26	61·3	51·9	56·6	0·0	69	12	45	27,28	–	–	71	2·82	105	1·03	16	23	15	–	–	–	–	–	0	1	4·25	89	33
	Holyhead (Valley)	18–7 7	32	61·5	50·3	55·9	–	73	12	38	27	–	–			–	·96	16			0	0	1	1	0	0	1	–	–	–
Denbigh	Colwyn Bay ..	9 9 9	118	62·3	51·0	56·7	−0·4	70	13	40	27	–	–	93	3·65	–	·59	16	19	16	0	0	1	2	1	–	–	3·76	82	30
Carnarvon	Aber	9 9 9	60	61·9	51·6	56·7	−0·2	71	12	39	27	–	–	136	5·35	–	·85	16	24	19	0	0	1	1	0	0	0	3·69	85	29
	Llandudno ..	9 9 9	13	61·8	52·0	56·9	−0·2	69	9,12	42	27	–	–	107	4·22	198	·68	16	20	18	0	0	1	2	0	0	0	3·72	79	29
Montgomery	Lake Vyrnwy ..	9 9 9	750	59·1	46·3	52·7	–	66	13	37	25	–	–	158	6·22	–	1·27	12	20	15	0	0	0	3	0	0	–	–	–	–
	Welshpool ..	9 9 9	254	63·2	45·2	54·2	−1·1	71	11	33	22	–	–	66	2·61	132	·88	12	17	13	0	0	0	2	1	–	–	–	–	–
8a SOUTH WALES																														
Cardigan	Aberporth ..	18–7 7	376	60·5	50·0	55·3	–	69	9	44	23,27	–	–	127	5·01	–	·84	10	22	18	0	0	0	1	0	0	0	3·69	–	29
	Aberystwyth ..	9 9 9	12	61·2	51·4	56·3	−1·0	69	9,12	38	27	–	–	139	5·47	–	·90	16	22	20	0	0	0	2	2	–	–	4·30	88	34
	„ Llety-evan-hen	9 9 9	950	56·2	48·0	52·1	–	66	13	36	27	–	–	178	7·01	–	1·08	1	23	19	0	0	0	2	–	5	–	3·65	–	29
	„ P.B.S.†	9 9 9	452	59·6	49·7	54·7	−1·2	67	9,12,13	38	27	–	–	145	5.72	–	·87	16	23	21	0	0	1	2	2	2	0	4·46	98	35
Pembroke	Haverfordwest ..	2121 9	127	62·3	49·2	55·7	+0·2	69	12	38	23	–	–	100	3·94	–	·57	216	23	17	0	0	0	0	0	–	–	4·27	85	34
	St. Ann's Hd. ¶§	18–7 7	142	60·2	52·8	56·5	−0·4	66	12	43	26	–	–	108	4·24	148	·83	13	21	17	0	0	0	1	1	–	1	3·77	80	30
	Tenby	9 9 9	64	61·9	50·2	56·1	−1·5	67	10	40	27	–	–	92	3·63	–	·60	13	22	16	0	0	0	1	0	1	–	4·23	85	34
Radnor	Rhayader ¶§	9 9 9	757	60·4	45·5	52·9	−0·6	67	11	33	22,27	–	–	168	6·63	208	1·56	13	24	18	0	0	0	3	1	11	0	3·77	87	30
Brecknock	Cantref	9 9 9	1080	58·2	45·4	51·8	–	66	11	34	27	–	–	167	6·58	–	1·18	13	23	17	0	0	0	2	4	–	–	4·26	–	34
	Crickhowell ..	9 9 9	230	64·0	46·7	55·3	–	70	13	34	22,27	–	–	100	3·92	–	·79	13	20	17	0	0	0	3	0	2	–	–	–	–
Glamorgan	Cardiff	2121 9	203	64·1	49·0	56·5	0·0	73	13	36	27	57·8	58·2	115	4·53	149	1·16	1214	19	12	0	0	0	0	0	(0)	0	5·00	102	40
	St. Athan ..	18–7 7	145	62·3	49·3	55·8	–	68	9,10,12	34	27	–	–	103	4·08	–	1·05	14	20	12	0	0	0	1	1	0	0	–	–	–
	Swansea	9 9 9	32	63·2	51·7	57·5	−1·0	73	10	42	27	59·9	60·6	154	6·07	–	1·25	1314	20	16	0	0	0	2	0	1	–	4·25	90	34
8b ENGLAND, S.W.																														
Monmouth	Newport ..	9 9 9	265	64·6	49·0	56·8	−0·5	71	11,13	36	27	58·8	60·9	92	3·63	–	·95	14	17	12	0	0	0	2	0	–	–	4·76	–	38
	Usk	9 9 9	70	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Somerset	Bath .. ¶§	9 9 9	67	64·7	48·2	56·5	−0·8	74	13	35	22,23	60·5	60·8	79	3·13	150	·84	12	15	14	0	0	1	3	0	–	0	5·52	110	44
	Bristol (Airport) ..	18–7 7	209	64·3	47·9	56·1	–	74	13	34	27	–	–	59	2·32	–	·44	10	19	12	0	0	1	2	0	3	0	5·34	–	42
	Cannington ..	9 9 9	95	64·9	49·1	57·0	–	73	11,13	36	23	–	–	67	2·63	–	1·08	14	19	13	0	0	0	1	0	0	0	5·03	–	40
	Long Ashton ..	9 9 9	162	64·7	47·4	56·1	−0·9	74	13	33	27	–	–	73	2·89	121	·66	14	17	12	0	0	0	2	0	3	–	5·31	110	42
	Weston-s.-Mare ..	9 9 9	28	64·3	50·8	57·5	–	73	13	38	27	–	–	105	4·12	182	1·62	14	15	9	0	0	0	2	0	1	–	4·82	100	38

¶§, § *See* Notes on Tables in Annual Summary. † Plant Breeding Station.

TABLE III (*continued*)—Summary of Observations of Temperature, Rainfall, Sunshine and Weather SEPTEMBER, 1943

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation Max. Min. Rain	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES FAHRENHEIT: Means of A Max.	Means of B Min.	Mean of A and B	Difference from Average	Absolute Maximum and Minimum: Maximum	Date	Minimum	Date	EARTH TEMPERATURE 1 ft	4 ft	RAINFALL: Total Fall mm	Total Fall in	Percentage of Average	Most in a day: Amount	Date	WEATHER Number of days: Precip'n 0·1in (0·2mm) or more	Precip'n 0·4in (1·0mm) or more	Snow	Snow lying	Hail	Thunderstorm	Fog (Morn'g Obs.)	Ground Frost	Gale	BRIGHT SUNSHINE: Daily Mean	Percentage of Average	Percentage of Possible
		G.M.T.	ft	°F	°F	°F	°F	°F		°F		°F	°F	mm	in	%	in											hr	%	%
8b ENGLAND, S.W.—*cont.*																														
Dorset	Holton Heath ..	9 9 9	64	64·7	46·4	55·5	-1·8	74	12	33	27	59·9	61·9	52	2·03	-	·60	10	15	9	0	0	1	3	0	2	0	5·10	104	41
	Poole	9 9 9	18	65·2	47·7	56·9	-	76	12	34	27	-	-	52	2·06	-	·87	10	16	11	0	0	0	0	1	-	-	5·12	-	41
	Portland Bill ..	18–7 7	32	61·5	53·7	57·6	-1·9	65	12,13,14	40	27	-	-	59	2·31	122	·48	9	16	11	0	0	0	0	0	-	0	-	-	-
	Shaftesbury ..	9 9 9	722	61·6	46·3	53·9	-	70	12,13	35	27	-	-	73	2·86	-	·50	10	18	13	0	0	0	5	-	-	-	-	-	-
	Swanage	9 9 9	14	63·8	49·7	56·7	-	70	13	39	27	-	59·4	67	2·63	-	1·11	10	16	11	0	0	1	3	1	0	-	5·39	-	43
	Weymouth ..	9 9 9	16	63·9	50·2	57·1	-2·2	69	13	39	23	-	-	76	2·99	142	·55	10	17	11	0	0	1	2	0	-	-	5·23	95	42
Devon	Barnstaple ..	9 9 9	25	62·4	49·2	55·8	-1·1	69	12	36	23	-	-	114	4·48	166	·93	13	21	16	-	-	-	-	0	1	-	-	-	-
	Cullompton ¶§	9 9 9	202	65·8	46·8	56·3	-0·7	73	9	33	27	58·4	-	80	3·16	140	1·02	12	15	13	0	0	0	1	0	3	-	4·69	93	37
	Dawlish	9 9 9	17	64·1	49·9	57·0	-	72	30	37	27	-	-	87	3·43	-	2·10	14	10	9	-	-	-	-	0	0	-	5·35	-	43
	Exmouth ..	9 9 9	195	62·6	49·5	56·1	-1·6	68	5,13,30	38	27	-	-	79	3·10	-	1·53	14	17	11	0	0	0	0	0	-	0	5·33	116	42
	Hartland Pt. ..	18–7 7	299	59·9	53·3	56·6	-	68	10	46	23	-	-	160	6·30	-	1·35	14	23	18	0	0	1	1	0	0	0	4·23	-	33
	Ilfracombe ..	9 9 9	25	61·9	53·3	57·6	-1·4	68	9	46	19,23	60·6	61·3	144	5·67	219	·94	13	17	17	0	0	0	1	0	-	-	5·17	108	41
	Killerton ..	9 9 9	159	65·0	46·8	55·9	-1·1	72	13	33	27	-	-	87	3·44	-	1·25	14	16	16	-	-	-	-	0	5	-	-	-	-
	*Newton Abbot ..	9 9 9	375	63·8	48·5	56·1	-2·0	73	13	35	27	-	-	106	4·18	195	1·07	14	19	12	0	0	0	1	0	5	-	5·00	98	40
	Plymouth (Hoe)	2121 9	117	62·2	50·5	56·3	-1·8	67	12	40	27	56·5	58·1	87	3·42	130	·78	14	18	14	0	0	1	3	1	1	0	5·22	99	41
	Plymouth (Mount Batten) ..	18–7 7	86	61·7	49·6	55·7	-2·4	69	13	38	23	-	-	90	3·53	-	·85	14	19	12	0	0	0	3	2	1	0	4·98	97	40
	Princetown ..	9 9 9	1359	58·2	46·4	52·3	-1·4	69	13	37	27	-	-	184	7·23	141	1·32	14	24	20	0	0	1	3	5	0	-	-	-	-
	Seaton	9 9 9	43	63·9	48·5	56·2	-	73	12	36	27	-	-	75	2·95	-	·95	14	15	14	0	0	1	2	0	0	-	-	-	-
	Sidmouth ..	9 9 9	25	63·3	49·4	56·3	-1·2	70	12	36	27	-	-	64	2·52	-	1·27	14	8	8	0	0	0	0	0	0	-	5·57	-	44
	Tavistock ..	9 9 9	457	-	-	-	-	-	-	-	-	-	-	119	4·68	151	·82	14	19	19	0	0	0	2	0	-	0	-	-	-
	Teignmouth ..	9 9 9	20	64·1	50·4	57·3	-1·4	72	30	41	23,24,27	-	-	76	2·99	153	1·65	14	15	9	0	0	0	0	0	0	-	5·24	99	42
	Torquay	9 9 9	27	63·6	50·0	56·8	-2·1	71	30	39	27	-	61·2	104	4·08	200	1·96	14	14	12	0	0	1	2	0	0	0	5·50	101	44
	Totnes	9 9 9	100	64·1	45·6	54.9	-	73	13	31	27	58·0	-	108	4·26	-	1·15	14	19	14	0	0	0	1	-	7	0	-	-	-
Cornwall	Bude	9 9 9	50	62·3	50·7	56·5	-1·5	70	12,13	36	27	-	-	126	4·95	200	1·09	13	24	21	0	0	0	1	0	-	-	4·41	88	35
	Ellbridge	9 9 9	200	62·8	48·2	55·5	-	70	13	37	27	-	-	124	4·88	-	1·01	13	17	14	0	0	1	2	0	0	-	4·88	-	39
	Falmouth Obs. ¶§	9 9 9	167	62·4	51·7	57·1	-0·1	66	8,13	43	27	60·5	(61·3)	111	4·37	150	·90	13	21	18	0	0	0	3	0	0	-	4·75	90	38
	Fowey	9 9 9	51	64·1	50·1	57·1	-1·4	70	11	40	24	-	-	104	4·08	-	·67	13	22	17	0	0	0	2	3	-	-	4·51	88	36
	Gulval	9 9 9	20	62·2	51·1	56·7	-1·7	66	12	42	24	-	-	111	4·37	-	1·31	13	20	15	0	0	0	1	0	0	-	5·16	98	41
	The Lizard ..	18–7 7	240	61·3	52·1	56·7	-	66	11,13	44	27	-	-	99	3·88	-	·77	13	20	17	0	0	0	0	2	-	0	5·18	-	41
	Newquay ..	9 9 9	182	62·0	52·2	57·1	-0·7	70	13	42	23	58·8	59·1	119	4·69	175	1·78	13	23	19	0	0	0	2	1	-	0	4·78	93	38
	Penzance ..	9 9 9	55	62·8	51·4	57·1	-2·2	66	8,11,12	44	23,24	-	-	115	4·53	155	1·36	13	22	16	0	0	1	1	0	-	-	4·87	94	39
	Tintagel	9 9 9	280	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NORTHERN IRELAND																														
Londonderry	Castlerock ..	7 7 7	57	60·7	49·8	55·3	-	68	1	39	27	-	-	77	3·02	-	·60	25	23	18	0	0	0	0	0	0	2	-	-	-
	Garvagh .. ¶ (Moneydig)	7 7 7	121	59·9	46·6	53·3	+0·1	67	1	36	27,28	-	-	93	3·66	123	·67	4	24	18	0	0	0	0	4	-	-	-	-	-
Antrim	Aldergrove ¶§	18–7 7	268	58·7	47·9	53·3	-0·6	66	1,9	35	27	-	-	64	2·53	102	·57	4	25	14	0	0	0	0	0	1	0	2·93	72	23
Down	Ballyhalbert ††	9 9 9	34	60·1	49·3	54·7	-	66	9	39	27	-	-	61	2·39	-	1·07	4	19	10	0	0	0	2	0	0	1	3·31	-	26
	Hillsborough §	9 9 9	388	58·2	47·3	52·7	-	65	1, 9	35	27	56·0	-	61	2·39	-	·63	4	24	15	0	0	0	0	0	2	2	2·99	73	24
Armagh	Armagh .. ¶§	2121 9	205																											
Scilly	St. Mary's	18–7 7	163	61·9	54·0	57·9	-0·6	67	11	47	27	-	-	55	2·17	89	·49	13	18	11	0	0	0	0	2	-	0	4·69	89	37
GIBRALTAR		18–7 7	400	76·9	64·5	70·7	-2·2	89	9	57	27,28	-	-	11	·44	-	·28	13	6	3	0	0	0	0	1	0	0	9·04	-	73
MALTA		18–7 7	231	84·3	72·1	78·2	+2·1	93	21	65	30	-	-	0	·00	0	-	-	0	0	0	0	0	0	0	0	-	0	10·68	116	86

¶§. 8 *See* Notes on Tables in Annual Summary. †† Sunshine recorder is at Mount Stewart. * Seale-Hayne College.

TABLE III (*a*)—SKY OBSERVATIONS, SEPTEMBER, 1943

WEATHER DIARY ROYAL OBSERVATORY, GREENWICH	Number
Persistently overcast days	0
,, cloudless ,,	0
,, foggy ,,	0

NIGHT SKY RECORDER**	GREENWICH	PORTON
Recorder in operation on	30 nights	29nights
Average exposure (hours)	9·5	8·6
Polaris unobscured (per cent.)	53	57
δ Ursæ Minoris (ditto)	49	49

** *See* Meteorological Magazine, May, 1920, p. 70.

TABLE III (*b*)—SOLAR RADIATION

DIRECT SOLAR RADIATION KEW OBSERVATORY	Cal./cm.²/diem.
Max. (on 4th) ..	511
Mean	181·5

TABLE IV—Summary of Observations at fixed hours SEPTEMBER, 1943

District, County and Place	Hour of Observation	Height of Barometer above Mean Sea Level	Mean Pressure: At Mean Sea Level	Mean Pressure: Difference from Average	Temperature and Humidity: Dry Bulb	Temperature and Humidity: Depression of Wet Bulb	Temperature and Humidity: Vapour Pressure	Temperature and Humidity: Relative Humidity	Cloud Amount: Mean Amount	Cloud Amount: No. of Observations: 0	1 to 3	4 to 6	7 to 9	10	Visibility: Number of Observations: Fog: 0	1	2	3	Mist 4	Poor Vis. 5	Mod. Vis. 6	Good Visibility: 7	8	9	Wind, Number of Observations: Force (0-12): 8 or more	6 to 7	4 to 5	1 to 3	Calm	Direction: N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
	G.M.T.	ft	mb	mb	°F	°F	mb	%																													
0 SCOTLAND, N.																																					
	1	23	1009·2	–	51·2	1·5	11·5	89	7·4	1	4	2	15	8	0	0	0	0	2	0	3	7	18	0	0	8	12	9	1	2	0	5	3	6	5	5	3
	7	23	1009·2	-2·9	51·2	1·6	11·4	89	7·6	1	2	4	16	7	0	0	1	0	0	0	2	7	16	4	0	7	10	11	2	1	1	4	6	1	7	5	1
Shetlands Sumburgh (Links)	13	23	1009·7	–	53·2	2·2	11·7	85	7·8	0	3	4	15	8	0	0	1	0	1	1	1	5	15	6	0	10	9	11	0	2	0	3	6	4	9	5	1
	18	23	1009·0	–	52·4	1·8	11·8	87	7·6	0	4	4	13	9	0	0	0	0	0	0	5	4	15	5	1	7	14	8	0	1	1	3	4	7	8	2	4
	1	27	1010·0	–	52·0	1·7	11·7	88	6·5	2	5	7	8	8	0	0	0	0	0	0	5	8	17	0	1	9	9	11	0	2	1	4	2	4	5	7	5
	7	27	1010·2	–	52·0	1·7	11·8	88	7·9	0	3	2	18	7	0	0	0	0	0	1	2	7	19	2	1	10	13	6	0	2	3	4	2	4	9	5	1
Hebrides Benbecula	13	27	1010·5	–	55·3	2·6	12·5	83	8·2	0	2	4	13	11	0	0	0	0	1	1	3	3	19	3	1	9	16	4	0	2	1	2	3	7	9	4	2
	18	27	1009·6	–	54·2	2·2	12·3	84	7·8	0	2	6	12	10	0	0	0	0	1	3	3	2	16	5	1	13	11	5	0	3	1	3	0	8	6	6	3
	1	83	1008·9	–	50·7	1·4	11·5	90	6·6	1	7	4	10	8	0	0	0	0	0	0	8	9	13	0	1	2	15	10	2	0	0	2	3	5	7	7	4
	7	83	1009·3	-3·2	51·3	2·0	11·2	86	7·6	0	3	7	13	7	0	0	0	0	0	1	3	6	20	0	0	6	15	8	1	0	0	3	1	3	6	10	3
Stornoway	13	83	1009·3	–	55·5	3·4	11·9	78	8·3	0	2	2	15	11	0	0	0	0	0	1	3	6	19	1	1	13	9	6	1	3	0	2	3	5	11	3	2
	18	83	1008·4	–	53·1	2·1	12·0	86	8·2	0	3	1	17	9	0	0	0	0	1	2	5	4	18	0	2	10	10	7	1	2	2	2	1	5	11	4	2
	1	117	1010·5	–	49·9	0·9	11·6	94	6·8	0	6	9	5	10	0	0	1	0	1	1	4	8	14	1	0	1	12	15	2	0	0	2	2	5	1	8	5
	7	117	1010·3	-2·3	49·9	1·0	11·2	93	8·0	0	4	0	19	7	0	0	0	1	0	2	3	1	16	7	0	1	7	21	1	0	1	3	5	1	8	7	4
Caithness Wick	13	117	1010·9	–	55·7	2·7	12·7	83	7·9	0	3	4	16	7	0	0	0	0	0	1	0	5	11	13	0	5	10	14	1	1	0	3	5	7	5	3	5
	18	117	1010·2	–	52·9	1·4	12·5	91	8·0	0	2	3	17	8	0	0	1	0	0	0	2	3	18	6	0	3	10	16	1	1	0	2	3	7	10	2	4
	1	371	1008·1	–	51·0	1·7	11·2	87	7·9	1	3	3	18	5	1	0	0	0	0	0	2	4	20	3	0	7	13	10	0	4	0	4	2	6	6	5	3
	7	371	1008·8	–	50·8	1·8	11·0	87	8·4	0	1	5	16	8	1	1	0	0	0	0	3	6	12	7	0	7	12	11	0	3	0	3	3	4	9	6	2
Sutherland Cape Wrath	13	371	1009·2	–	53·4	2·3	11·8	85	8·8	0	0	4	21	5	0	1	0	0	0	0	2	7	14	6	1	4	15	10	0	4	0	3	3	2	15	4	0
	18	371	1008·3	–	52·2	1·9	11·6	87	8·6	0	2	3	14	11	3	1	0	0	0	0	0	7	14	5	1	9	10	10	0	4	0	4	1	2	14	4	1
	1	19	1010·8	–	47·8	1·5	10·3	89	5·5	0	11	4	9	6	0	0	0	0	0	1	5	7	13	4	0	2	10	14	4	1	3	1	1	2	8	6	4
	7	19	1011·0	–	49·4	1·9	10·6	87	7·5	0	6	2	16	6	1	0	0	0	0	0	2	3	14	10	0	3	12	9	6	2	1	3	1	1	9	5	2
Ross and Cromarty **Invergordon	13	19	1011·0	–	56·8	4·7	11·4	71	8·3	0	1	5	18	6	0	0	0	0	0	1	2	2	6	19	0	12	10	7	1	1	0	4	1	3	10	5	5
	18	19	1010·6	–	54·7	3·8	11·3	76	7·2	0	5	4	14	7	0	0	0	0	0	0	4	3	8	15	1	3	17	8	1	0	2	3	1	3	10	6	4
	7	1180	969·6	–	47·0	1·8	9·5	86	8·8	0	1	1	20	8	0	0	0	0	0	0	5	10	15	0	0	0	4	24	2	0	0	2	0	4	10	7	3	2
Inverness Dalwhinnie †	13	1180	970·1	–	53·1	4·2	9·9	73	8·4	0	0	6	17	7	0	0	0	0	0	0	0	10	20	0	0	0	10	20	0	3	1	0	3	7	12	4	0
	18	1180	969·5	–	50·2	2·9	9·8	79	8·2	0	3	2	16	9	0	0	0	0	1	1	2	8	18	0	0	0	7	22	1	2	2	0	3	7	11	3	1
1 SCOTLAND, E.																																					
	1	24	1010·7	–	49·9	2·0	10·7	86	5·8	2	9	3	9	7	0	0	0	0	0	0	5	3	10	12	0	2	8	19	1	0	0	3	5	5	7	8	1
	7	24	1011·0	–	50·1	2·1	10·7	85	7·7	0	5	4	12	9	0	0	0	0	0	1	2	1	14	12	0	0	11	19	0	2	0	4	4	6	10	2	2
Moray Lossiemouth	13	24	1011·3	–	57·0	4·7	11·5	72	8·3	0	2	2	20	6	0	0	0	0	0	1	0	3	11	15	0	1	16	13	0	1	0	4	3	2	8	8	4
	18	24	1010·6	–	54·5	3·5	11·4	77	7·6	1	1	8	15	5	0	0	0	0	0	0	3	1	12	14	0	1	13	15	1	1	0	2	5	4	9	5	3
	7	85	1011·6	-2·3	51·3	2·5	10·6	83	7·3	0	7	1	14	8	0	0	0	0	1	0	4	4	18	3	0	0	3	27	0	0	1	2	4	5	4	8	6
	13	85	1012·1	–	56·7	4·8	11·1	71	8·0	0	3	2	19	6	0	0	0	0	0	1	5	4	12	8	0	2	9	19	0	1	1	2	5	7	7	4	3
Aberdeen Aberdeen H	18	85	1011·5	–	54·7	3·7	11·1	76	7·5	0	6	2	14	8	0	0	1	0	1	1	5	11	10	1	0	0	5	24	1	1	0	1	5	8	7	5	4
	21	85	1011·6	–	52·5	2·5	11·1	83	6·4	1	8	4	8	9	0	0	1	0	2	0	9	6	12	0	0	0	3	27	0	0	0	1	4	10	5	6	4
	h.*	85	1011·6	-2·5	53·3	3·3	11·1	79																													
Braemar ‡	9	1108	1013·0	-1·1	49·9	2·9	9·7	79	7·6	0	3	7	9	11	0	0	0	0	1	1	7	3	9	10	0	0	3	5	21	1	1	2	2	3	2	5	7	7
	1	237	1011·2	–	49·9	1·7	10·7	88	6·3	2	8	2	10	8	1	0	0	0	1	1	1	2	5	14	5	0	1	9	16	4	0	0	2	3	3	6	6	6
	7	237	1011·6	–	49·2	1·6	10·5	88	7·2	0	6	2	17	5	0	0	0	1	2	2	2	0	9	14	0	1	8	19	2	0	2	2	4	6	5	5	4
Dyce	13	237	1011·9	–	57·0	4·2	11·8	74	8·0	0	1	5	18	6	0	0	0	0	0	2	1	3	8	13	0	3	15	12	0	1	1	3	4	8	6	4	3
	18	237	1011·3	–	53·8	2·8	11·5	81	7·8	0	4	4	12	10	0	1	0	0	0	1	4	1	10	11	0	2	10	17	1	0	0	2	5	8	6	5	3
	1	22	1012·1	–	50·4	1·5	11·5	89	5·5	3	10	3	4	10	0	0	1	0	0	2	10	4	11	2	0	0	9	17	4	1	1	3	0	3	7	9	2
	7	22	1012·1	–	49·3	1·4	10·8	91	6·6	0	8	4	12	6	0	0	0	1	0	2	4	5	5	12	0	0	8	21	1	1	2	3	1	2	7	10	3
Angus Montrose (Airf'd)	13	22	1012·6	–	57·7	4·2	12·1	74	7·4	0	4	6	14	6	0	0	1	0	0	1	4	8	2	14	0	0	17	13	0	3	1	3	3	5	9	4	2
	18	22	1012·1	–	54·9	2·8	12·1	82	6·9	0	9	2	10	9	0	1	0	0	0	2	6	4	8	9	0	0	9	21	0	1	0	5	3	4	13	1	3
	1	33	1011·6	–	49·2	1·4	11·0	89	6·1	4	6	3	8	9	0	0	1	0	1	3	8	4	12	1	0	1	6	16	7	1	2	7	0	1	6	6	0
	7	33	1012·2	–	49·0	1·5	10·8	89	7·1	0	4	6	13	7	0	0	0	0	1	2	2	7	15	3	0	0	7	21	2	0	4	1	0	1	13	7	2
Perth Errol	13	33	1012·6	–	58·3	5·4	11·6	72	8·1	0	1	3	21	5	0	0	1	0	0	0	1	6	16	6	0	0	3	17	0	3	2	3	2	1	11	6	2
	18	33	1012·0	–	54·8	3·2	11·9	79	7·4	0	5	5	11	9	0	0	0	0	1	1	3	4	14	7	0	0	9	21	0	0	2	4	0	4	14	4	2
	1	36	1011·8	–	50·1	1·3	11·5	90	6·1	2	8	3	7	10	0	0	0	0	0	1	3	8	7	10	2	0	1	6	16	7	0	1	2	2	1	9	7	1
	7	36	1012·1	-2·1	49·6	1·5	11·1	89	7·6	0	3	4	19	4	0	0	0	0	1	2	7	7	8	5	0	0	7	20	3	1	1	4	0	2	10	7	2
Fife Leuchars H	13	36	1012·6	–	58·2	5·1	11·7	69	8·5	0	1	2	19	8	0	1	0	0	0	0	1	5	3	18	2	0	3	15	12	0	2	1	4	0	4	13	4	2
	18	36	1012·0	–	55·7	3·6	11·9	77	7·9	0	2	6	14	8	0	1	0	0	0	0	1	5	11	4	0	4	8	16	2	2	1	4	2	1	10	7	2
Mid Lothian Edinburgh (Blackford Hill)	9	441	1012·9	–	54·6	4·8	10·1	69	6·3	0	5	10	10	5	1	0	0	0	0	0	2	14	2	11	0	0	2	8	19	1	1	2	3	0	3	7	12	1
	21	441	1012·5	–	51·4	2·5	10·7	83	6·4	4	6	2	3	15	–	–	–	–	–	–	–	–	–	–	0	0	3	3	20	4	1	0	3	3	2	1	7	11	1
	1	312	1011·7	–	51·5	2·3	10·9	84	5·9	0	10	7	4	9	0	1	0	0	0	2	2	23	2	0	0	1	15	14	0	2	0	3	3	3	8	10	1
	7	312	1011·8	–	51·1	2·3	10·7	84	7·0	0	5	7	11	7	1	0	1	1	1	0	2	8	15	1	0	3	11	16	0	2	1	2	4	2	8	10	1
Berwick St. Abb's Head	13	312	1012·5	–	56·5	4·2	11·5	74	7·7	0	2	6	15	7	1	1	0	0	0	2	1	8	15	2	0	2	16	12	0	4	1	3	4	4	5	6	3
	18	312	1012·1	–	55·0	3·2	11·7	79	8·0	0	1	5	16	8	2	0	0	0	0	1	2	10	14	1	0	0	15	14	1	4	0	3	6	2	8	5	1
6a SCOTLAND, W.																																					
	1	27	1011·4	–	52·3	1·0	12·6	93	6·2	3	6	4	8	9	0	0	0	0	1	3	4	3	13	6	1	8	6	14	1	2	0	4	1	4	4	6	8
	7	27	1011·7	-1·6	52·6	1·2	12·5	92	8·6	0	1	2	17	10	0	0	0	0	0	2	2	6	6	14	0	7	8	15	0	3	1	2	2	3	7	9	3
Argyll Tiree	13	27	1012·2	–	56·0	2·0	13·4	88	7·9	0	3	4	12	11	0	0	0	0	1	2	5	2	11	9	1	6	16	7	0	4	0	3	2	6	8	6	1
	18	27	1011·0	–	54·4	1·7	12·9	90	7·7	0	3	5	11	11	0	0	0	0	1	2	5	2	9	11	1	7	15	7	0	2	1	3	1	4	7	9	3
	9	187	1013·4	-1·5	53·9	1·8	12·5	88	7·1	0	4	6	17	3	0	0	0	0	0	0	0	4	18	0	0	1	4	25	0	1	1	5	1	3	1	7	11
Bute Rothesay	21	187	1013·1	–	51·9	1·1	12·1	92	7·0	2	4	5	11	8	0	0	0	0	0	3	15	4	8	0	0	1	1	6	22	0	2	0	5	0	1	6	2	5	10
	1	24	1012·3	–	50·0	1·2	11·6	92	6·7	2	5	5	5	13	0	0	0	0	1	4	14	5	5	0	0	0	7	15	8	0	0	2	2	1	3	8	6	0
Renfrew Renfrew (Abbotsinch)	7	24	1012·6	-2·3	49·7	1·3	11·4	91	7·9	0	3	3	17	7	0	0	0	0	0	2	1	7	9	9	2	0	0	5	18	7	0	2	3	0	6	6	6	0
	13	24	1012·9	–	58·7	5·2	11·8	68	8·6	0	0	3	19	8	0	0	0	0	0	1	4	5	14	6	0	0	17	13	0	2	2	3	1	2	8	9	3
	18	24	1012·7	–	55·5	2·8	12·4	81	8·0	0	1	5	15	9	0	0	0	0	0	2	1	7	6	9	5	0	1	12	17	0	2	2	3	1	4	10	6	2
	7	778	1013·2	-2·3	46·9	1·3	9·8	90	8·2	0	2	6	7	15	0	0	0	1	2	0	1	8	4	14	0	0	1	5	14	10	2	1	1	2	5	4	2	3
	13	778	1013·1	–	55·9	4·4	11·0	72	8·3	0	0	5	14	11	0	0	0	0	1	1	7	3	19	0	0	1	12	16	1	3	3	1	1	6	7	4	4
Dumfries Eskdalemuir ‡‡H	18	778	1013·0	–	52·1	2·3	11·2	84	7·9	1	1	6	11	11	0	0	0	0	1	1	7	7	13	0	0	0	9	20	1	3	3	2	0	5	8	4	4
	21	778	1013·0	–	48·7	1·6	10·4	88	7·1	1	6	4	4	15	0	0	0	2	0	0	11	7	11	0	0	0	7	14	9	2	4	0	1	3	7	3	1
	h.*	778	1013·0	–	50·4	2·4	10·5	84																													
6b ISLE OF MAN																																					
Isle of Man Douglas H	9	286	1014·5	-1·4	54·9	2·9	12·1	81	6·0	0	2	15	13	0	0	0	0	0	1	4	16	9	0	0	0	8	14	8	0	5	0	4	3	2	5	5	6
	1	31	1013·3	–	54·4	1·9	12·6	87	6·0	2	13	3	3	9	0	0	0	0	0	0	0	8	22	0	0	5	14	11	0	4	3	0	2	3	5	8	5
Point of Ayre	7	31	1013·2	–	53·5	1·8	12·2	87	6·3	0	7	8	10	5	0	0	0	0	0	0	0	7	23	0	1	3	14	12	0	6	2	1	3	2	4	6	6
	13	31	1014·1	–	59·3	3·9	13·2	76	6·6	1	8	1	14	6	0	0	0	0	0	0	1	3	26	0	0	2	18	10	0	5	2	1	2	2	3	8	7
	18	31	1013·4	–	57·5	3·3	12·9	80	6·1	0	8	7	16	9	0	0	0	0	0	1	0	4	25	0	0	4	17	7	2	7	1	0	5	1	4	8	2

* Mean of hourly readings. † Pressure at Station Level. ‡ Mean pressure at Station Level is 972·0 mb.

‡‡ Mean pressures at Station Level are 984·5 mb. at 7 h., 985·0 mb. at 13 h. 984·7 mb. at 18 h., and 984·8 mb. at 21 h.

** Station transferred to Alness, March 24th, 1943.

TABLE IV (*continued*)—Summary of Observations at fixed hours SEPTEMBER, 1943

DISTRICT, COUNTY AND PLACE	Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE: At Mean Sea Level	MEAN PRESSURE: Difference from Average	TEMPERATURE AND HUMIDITY: Dry Bulb	TEMPERATURE AND HUMIDITY: Depression of Wet Bulb	TEMPERATURE AND HUMIDITY: Vapour Pressure	TEMPERATURE AND HUMIDITY: Relative Humidity	CLOUD AMOUNT: Mean Amount	CLOUD AMOUNT: No. of Observations: 0	1 to 3	4 to 6	7 to 9	10
	G.M.T.	ft	mb	mb	°F	°F	mb	%						
2 ENGLAND, N.E.														
Northumberland — Cockle Park	9	331	–	–	54·7	3·0	11·7	80	6·9	0	3	10	11	6
	21	331	–	–	51·2	1·5	11·5	89	6·7	0	8	3	10	9
Ouston	1	435	1013·5	–	49·1	0·9	11·4	93	5·4	3	11	1	6	9
	7	435	1013·6	–	49·1	1·0	11·4	93	6·4	0	9	4	9	8
	13	435	1013·9	–	57·3	3·9	12·5	76	8·1	0	2	5	16	7
	18	435	1013·8	–	54·6	2·3	12·7	86	7·9	0	1	8	12	9
Tynemouth	1	122	1013·9	–	52·4	1·5	12·1	90	5·5	3	12	3	2	10
	7	122	1014·2	-1·0	50·9	1·9	11·0	86	5·9	2	7	7	8	6
	13	122	1015·0	–	58·3	4·4	12·2	73	7·1	0	4	8	14	4
	18	122	1014·5	–	56·4	3·3	12·3	79	7·5	0	2	8	15	5
Durham — Durham	9	352	1013·1	-2·7	55·3	2·4	12·6	84	6·6	0	4	10	7	9
	21	352	1013·5	–	52·2	0·6	12·8	96	6·7	2	5	5	6	12
Yorks., N. Riding — *Catterick H	1	181	1014·2	–	50·7	0·8	12·1	94	6·4	1	8	6	6	9
	7	181	1014·2	–	50·2	0·9	11·9	94	6·8	0	6	7	12	5
	13	181	1014·4	–	59·5	4·1	13·5	77	8·0	0	1	5	17	7
	18	181	1014·4	–	55·8	2·1	13·4	86	7·9	0	1	8	11	10
Linton-on-Ouse	1	47	1014·2	–	51·6	1·3	12·1	91	6·1	4	7	2	6	11
	7	47	1014·0	–	50·0	1·1	11·7	93	6·5	0	7	6	10	7
	13	47	1014·5	–	61·2	5·3	13·1	70	8·1	0	1	6	17	6
	18	47	1014·3	–	57·2	2·9	13·1	81	8·2	0	3	2	15	10
Scarborough	9	96	1014·0	-1·8	57·7	3·7	12·6	78	4·7	0	16	5	7	2
	1	60	1013·6	–	51·9	1·5	12·0	89	5·9	3	8	2	8	9
Thornaby	7	60	1013·6	–	50·4	1·3	11·6	90	6·2	1	5	6	13	5
	13	60	1014·1	–	60·5	5·4	12·6	69	8·2	0	1	3	20	6
	18	60	1013·9	–	56·8	3·1	12·8	80	7·7	0	3	5	14	8
York	9	53	1015·1	-1·3	56·9	3·9	12·0	76	6·1	1	10	5	5	9
Yorks., E. Riding — Driffield	1	70	1014·5	–	51·8	1·3	12·1	90	6·8	3	6	2	6	13
	7	70	1014·2	–	50·6	1·1	11·8	92	6·0	2	7	5	10	6
	13	70	1014·6	–	60·5	5·6	12·4	69	7·9	0	1	8	11	10
	18	70	1014·1	–	57·0	3·3	12·9	79	7·4	0	4	4	15	7
Spurn Head	1	57	1014·7	–	55·0	1·8	13·0	88	6·3	2	7	5	8	8
	7	57	1014·3	-1·4	54·1	1·6	12·8	89	6·4	1	6	6	12	5
	13	57	1014·9	–	60·3	5·0	12·7	71	7·3	0	2	8	13	7
	18	57	1014·6	–	58·4	3·6	13·1	78	7·6	0	3	7	12	8
Lincoln — Cranwell H	1	208	1014·5	–	52·2	1·1	12·6	93	5·4	6	8	1	6	9
	7	208	1014·6	–	51·9	1·0	12·5	93	7·0	1	4	6	11	8
	13	208	1014·9	–	61·4	5·7	12·8	69	8·1	0	2	4	15	9
	18	208	1014·6	–	58·7	3·8	13·2	77	7·5	1	1	5	17	6
3 ENGLAND, E.														
Norfolk — Cromer H	9	74	1015·2	–	57·7	2·5	13·9	85	6·5	2	0	13	9	6
	1	26	1015·1	–	55·4	1·9	13·1	87	5·7	5	5	7	4	9
Yarmouth	7	26	1014·8	-1·5	54·6	1·6	13·0	90	7·5	1	1	9	11	8
	13	26	1015·0	–	60·9	4·1	14·0	76	7·8	1	0	10	11	8
	18	26	1015·1	–	60·7	4·1	13·8	76	7·4	0	3	9	11	7
Suffolk — Felixstowe Airfield	7	16	1015·7	–	54·8	1·5	13·2	90	7·0	1	5	5	12	7
	13	16	1016·0	–	63·7	6·3	13·3	66	7·8	0	3	2	18	7
	18	16	1015·7	–	60·6	4·6	13·3	74	7·0	0	5	5	15	5
Stradishall	1	405	1016·1	–	51·7	1·1	12·4	92	5·0	9	4	4	2	11
	7	405	1015·8	–	51·5	0·8	12·5	93	6·8	0	7	3	12	8
	13	405	1015·7	–	62·3	6·8	12·3	63	7·6	0	4	2	17	7
	18	405	1015·5	–	59·5	4·8	12·8	72	6·6	1	4	6	15	4
Mildenhall H	1	40	1015·3	–	52·6	1·2	12·7	91	5·7	6	6	1	6	11
	7	40	1015·2	–	51·7	0·9	12·6	94	7·0	0	7	2	13	8
	13	40	1015·3	–	64·0	6·9	13·2	64	7·8	0	3	4	16	7
	18	40	1015·1	–	60·7	4·6	13·5	74	7·4	0	2	7	17	4
Cambridge — Cambridge H	9	43	1016·0	-0·9	60·0	4·3	13·2	75	6·1	3	3	12	3	9
	21	43	1015·2	–	54·9	2·6	12·3	83	4·6	12	4	0	4	10
Bedford — Dunstable H	1	519	1015·5	–	50·9	1·3	11·8	91	5·2	8	5	2	6	9
	7	519	1015·7	–	51·0	0·9	12·2	94	6·6	3	5	4	12	6
	13	519	1015·6	–	61·5	6·7	11·8	63	7·7	0	2	5	13	10
	18	519	1015·4	–	57·8	4·5	12·3	73	6·6	1	2	8	14	5
Hertford — Rothamsted	9	396	1015·4	-1·6	57·1	3·4	12·5	79	5·7	1	7	8	10	4
Essex — Shoeburyness H	7	12	1016·3	–	54·7	1·6	13·4	90	6·4	1	6	5	12	6
	13	12	1016·3	–	63·9	6·8	13·2	64	7·1	2	2	6	15	5
	18	12	1016·0	–	60·4	4·6	13·5	74	6·9	0	4	9	12	5
4 MIDLAND COUNTIES														
Yorks., W.R. — Finningley	1	55	1014·5	–	52·5	1·4	12·5	91	6·2	4	5	5	6	10
	7	55	1014·3	–	51·5	1·5	12·1	92	6·4	2	6	5	10	7
	13	55	1014·7	–	61·8	6·1	12·7	67	8·3	1	1	6	14	9
	18	55	1014·4	–	58·9	3·8	13·4	78	8·0	1	1	6	14	9
Harrogate	9	478	1014·1	-2·0	56·1	3·8	11·7	76	7·3	0	5	7	5	10
Nottingham — Nottingham	9	215	1014·5	-2·2	56·1	2·9	12·5	82	6·5	2	7	4	8	9
Warwick — Birmingham H	7	542	1015·3	-1·6	51·6	1·6	11·9	89	6·3	3	6	4	8	9
	13	542	1015·3	–	60·0	6·3	11·5	64	8·1	0	3	2	16	9
	18	542	1015·1	–	58·8	5·3	11·8	69	6·9	0	7	3	14	6
Honiley	1	431	1015·4	–	51·3	0·8	12·4	95	5·7	4	9	2	4	11
	7	431	1015·3	–	50·5	0·5	12·0	96	6·4	3	4	5	11	7
	13	431	1015·2	–	60·7	5·0	13·2	72	8·1	0	2	4	20	4
	18	431	1014·9	–	59·2	3·9	13·5	77	7·2	1	3	7	14	5

DISTRICT, COUNTY AND PLACE	VISIBILITY: Number of Observations: Fog 0	Fog 1	Fog 2	Fog 3	Mist 4	Poor Vis. 5	Mod. Vis. 6	Good Visibility 7	Good Visibility 8	Good Visibility 9	WIND, NUMBER OF OBSERVATIONS: Force (0-12): 8 or more	6 to 7	4 to 5	1 to 3	Calm	Direction: N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
2 ENGLAND, N.E.																							
Northumberland — Cockle Park	0	0	0	0	1	5	5	0	17	2	0	0	3	27	0	4	0	2	4	2	2	9	7
	0	1	0	0	1	8	19	0	1		0	0	5	24	1	2	0	3	2	2	4	9	7
Ouston	0	1	0	0	3	3	8	8	7		0	0	1	7	1	2	0	2	3	2	8	12	1
	0	2	0	0	2	3	2	2	16		0	0	2	7	2	0	0	2	3	6	1	11	3
	0	0	0	0	3	1	3	2	18		0	0	2	11	0	2	0	2	3	1	2	11	3
	0	0	0	0	2	1	7	5	13		0	1	9	17	3	1	1	0	5	1	3	9	1
Tynemouth	0	0	0	0	2	1	12	14	1		0	4	5	21	0	2	1	0	4	4	6	11	4
	0	0	0	1	4	3	16	5	1		0	2	5	23	0	1	0	0	4	4	5	11	3
	0	0	0	1	0	0	8	15	5		1	2	10	17	0	1	6	0	4	3	6	8	0
	0	0	0	2	0	0	13	12	3		0	2	1	10	19	0	4	1	0	3	4	6	9
Durham — Durham	0	1	0	0	0	1	15	10	3		0	2	7	18	3	1	0	2	1	0	4	7	7
	0	1	0	0	0	1	18	10	0		0	0	4	21	5	1	0	2	1	1	4	7	7
Yorks., N. Riding — *Catterick H	0	0	0	0	0	4	12	8	6		0	0	3	20	7	1	2	2	0	4	5	6	3
	0	2	0	1	3	1	5	5	11		0	0	4	22	4	2	2	1	3	8	3	4	5
	0	0	0	1	2	0	6	5	10		0	1	6	21	2	4	1	2	1	2	9	4	3
	0	0	0	3	2	1	4	5	15		0	0	4	23	3	3	1	4	3	5	7	3	1
Linton-on-Ouse	0	0	0	0	4	2	13	10	1		0	0	1	23	6	0	1	3	2	3	9	1	5
	1	0	0	0	2	5	9	3	8	2	0	0	5	20	5	2	4	0	3	3	8	2	2
	0	0	0	0	1	4	7	6	6	4	0	0	7	20	3	4	0	1	3	2	4	2	5
	0	0	0	0	1	0	9	17	2	4	0	0	14	16	0	3	0	1	3	1	5	11	4
Scarborough	0	0	0	0	1	1	4	10	4	0	0	0	1	9	2	4	0	1	3	2	1	1	4
	0	1	0	2	1	1	5	11	0	0	0	0	6	21	3	0	3	2	1	1	11	5	3
Thornaby	0	0	0	2	3	0	5	7	15	1	0	0	1	17	1	0	3	1	4	2	5	9	5
	0	0	0	3	1	0	2	8	13	1	0	0	1	12	1	0	3	2	4	1	5	9	2
	0	0	0	1	0	2	8	2	13	1	0	0	1	7	2	0	3	4	5	1	7	4	2
York	0	0	0	0	1	1	4	18	6	0	0	0	1	3	24	3	0	1	3	2	4	8	7
Yorks., E. Riding — Driffield	0	0	0	0	1	1	4	15	3	5	0	0	1	8	19	3	0	1	3	2	4	2	5
	0	0	0	0	1	0	2	10	5	13	0	0	1	12	17	3	0	4	0	2	3	3	2
	0	0	0	0	1	0	4	10	4	11	0	0	0	5	23	2	0	4	0	2	3	3	2
	0	0	0	0	1	0	4	10	4	11	0	0	0	7	23	0	0	4	0	2	3	3	2
Spurn Head	0	0	0	0	1	0	2	13	22	0	0	0	2	16	12	0	0	3	0	2	3	3	2
	0	0	0	0	1	0	2	13	13	0	0	0	3	15	12	0	0	2	1	3	3	3	2
	0	0	0	0	1	0	2	9	14	6	0	0	2	14	14	0	0	3	0	2	3	3	2
	0	0	0	0	1	0	3	12	11	6	0	0	3	15	12	0	0	3	0	2	3	3	2
Lincoln — Cranwell H	0	0	1	0	4	3	19	2	0	0	0	0	3	23	0	0	0	3	0	2	3	3	2
	0	1	0	2	0	5	16	5	0	0	0	0	3	24	0	0	0	3	0	2	3	3	2
	0	0	0	0	1	1	13	16	0	0	0	0	3	24	0	0	0	3	0	2	3	3	2
	0	0	0	1	0	2	9	8	10	0	0	0	4	25	1	2	2	5	1	1	3	7	5
3 ENGLAND, E.																							
Norfolk — Cromer H	0	0	0	0	1	0	28	1	0	0	0	0	6	24	0	2	1	0	3	4	2	5	3
	0	0	0	0	0	2	7	21	0	0	0	0	5	24	1	2	5	7	6	4	3	2	1
Yarmouth	0	0	0	1	0	4	8	17	0	0	0	2	4	23	1	2	1	0	3	3	2	4	1
	0	0	0	1	0	0	5	23	1	0	0	0	4	25	1	5	6	2	1	3	3	2	1
	0	0	0	0	0	0	5	23	0	0	0	0	1	9	4	3	2	7	4	3	2	4	2
Suffolk — Felixstowe Airfield	0	0	0	0	1	0	2	11	0	2	0	0	1	9	20	0	1	0	4	3	2	7	4
	0	0	0	0	1	0	2	5	7	15	0	0	1	13	16	0	0	1	2	3	4	6	5
	0	0	0	0	1	0	3	6	8	12	0	0	1	9	20	0	0	1	2	3	4	5	3
Stradishall	0	0	0	0	1	0	2	9	2	0	0	0	1	9	24	0	4	3	0	2	2	4	3
	0	0	0	2	0	5	13	9	2	0	0	0	4	25	1	3	2	0	2	2	4	3	2
	0	0	0	1	0	12	9	1	0		0	0	4	25	1	2	2	0	2	2	4	2	2
	0	0	0	1	0	2	9	7	10		0	0	5	25	1	3	2	0	1	2	4	2	2
Mildenhall H	0	0	0	1	1	1	14	7	6		0	0	4	25	1	3	2	0	1	2	4	2	2
	0	0	0	2	0	1	6	7	8		0	0	3	24	3	2	3	0	2	3	5	3	2
	0	0	0	0	1	0	8	9	2		0	0	5	23	2	3	2	0	1	2	4	2	2
	0	0	0	0	0	0	7	2	13	8	0	0	5	27	2	3	2	0	1	2	4	2	2
Cambridge — Cambridge H	0	0	0	0	0	0	1	4	11	0	0	0	3	18	9	2	2	0	1	2	3	2	2
	0	0	0	0	0	0	1	4	10	5	0	0	3	18	9	2	2	0	1	2	3	2	2
Bedford — Dunstable H	0	0	1	0	0	0	1	6	12	0	0	0	9	17	4	0	2	0	1	1	3	3	2
	0	0	0	0	0	0	1	16	12	0	0	0	9	18	4	0	2	0	1	1	3	3	2
	0	0	0	0	0	0	1	17	10	2	0	0	8	22	6	0	2	0	1	1	3	3	2
	0	0	0	0	0	0	1	12	15	2	0	0	7	22	1	0	3	0	1	2	3	3	2
Hertford — Rothamsted	0	0	0	0	0	0	1	12	15	2	0	0	6	22	2	0	3	0	1	2	3	3	2
	0	0	0	0	0	0	1	12	15	2	0	0	6	22	3	0	3	0	1	2	3	3	2
Essex — Shoeburyness H	0	1	0	0	1	1	10	5	9	4	0	0	1	27	3	1	2	0	1	2	3	3	2
	0	0	0	0	1	1	12	5	10	1	0	0	7	22	1	3	2	0	2	2	4	3	2
	0	0	0	1	2	3	5	4	15	0	0	0	1	25	1	3	2	0	2	2	4	3	2
4 MIDLAND COUNTIES																							
Yorks., W.R. — Finningley	0	2	0	0	2	6	15	5	0	0	0	0	4	23	3	0	2	0	1	2	3	3	2
	2	0	0	0	1	4	18	2	0	0	0	0	1	22	5	0	3	0	1	2	3	3	2
	0	0	0	0	1	1	14	10	4	0	0	0	1	20	3	0	3	0	1	2	3	3	2
	0	0	0	0	1	2	13	7	7	0	0	0	1	24	0	0	3	0	1	2	3	3	2
Harrogate	0	1	0	0	2	6	1	6	10	4	0	0	1	24	0	0	3	0	1	2	3	3	2
Nottingham — Nottingham	0	0	0	0	2	9	5	10	4	0	0	0	1	27	0	4	1	0	3	3	2	3	2
Warwick — Birmingham H	0	0	0	0	1	1	6	10	4	1	0	0	1	26	3	0	2	0	1	2	3	3	2
	0	0	0	0	0	1	9	4	0	0	0	0	1	25	1	2	2	0	1	2	3	3	2
	0	0	0	0	0	0	9	3	15		0	0	1	28	1	2	2	0	1	2	3	3	2
Honiley	0	0	0	0	2	5	7	7	2	0	0	0	1	22	2	4	2	0	1	2	3	3	2
	0	0	0	0	0	2	8	8	3	1	0	0	1	25	0	0	3	0	2	2	3	3	2
	0	0	0	0	0	1	6	7	13	1	0	0	1	21	2	5	3	0	2	2	3	3	2
	0	0	0	0	0	1	6	7	11	1	0	0	9	19	2	1	1	0	2	2	3	3	2

* At Scorton from March 9th.

TABLE IV (*continued*)—**Summary of Observations at fixed hours** SEPTEMBER, 1943

DISTRICT, COUNTY AND PLACE		Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE		TEMPERATURE AND HUMIDITY				CLOUD AMOUNT						VISIBILITY									WIND, NUMBER OF OBSERVATIONS								
											NO. OF OBSERVATIONS					NUMBER OF OBSERVATIONS									FORCE (0-12)					DIRECTION							
																FOG				MIST	POOR VIS.	MOD. VIS.	GOOD VISIBILITY												
				At Mean Sea Level	Difference from Average	Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	Mean Amount	0	1 to 3	4 to 6	7 to 9	10	0	1	2	3	4	5	6	7	8	9	8 or more	6 to 7	4 to 5	1 to 3	Calm	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
		G.M.T.	ft	mb	mb	°F	°F	mb	%																										
4 MIDLAND COUNTIES—*cont.*																																			
Oxford	Oxford	9	212	1016·1	-1·5	57·4	3·8	12·3	77	6·6	1	7	4	7	11	0	1	0	0	2	1	12	6	8	0	0	0	3	27	0	1	1	2	3	6	6	8	3
		1	243	1015·4	-	50·9	1·4	11·8	91	5·0	7	8	2	6	7	0	0	1	0	3	4	11	9	2	0	0	0	4	23	3	2	1	3	0	3	8	2	8
	Upper Heyford ..	7	243	1015·5	-	51·1	1·1	12·1	93	7·7	2	3	1	16	8	0	1	0	1	2	9	6	6	5	0	0	0	3	26	1	1	1	4	2	4	7	4	6
		13	243	1015·4	-	61·4	6·2	12·4	66	7·8	0	2	6	14	8	0	0	0	0	0	0	7	4	15	4	0	1	7	22	0	5	0	2	1	5	6	7	4
		18	243	1015·1	-	59·4	5·1	12·4	71	7·6	0	4	4	18	4	0	0	0	0	0	2	8	3	11	6	0	1	2	26	1	3	0	4	0	3	7	7	5
Shropshire	Shrewsbury H	9	186	1015·0	-	56·9	3·3	12·8	80	7·4	0	3	7	9	11	0	0	0	2	0	0	7	9	12	0	0	2	6	21	1	0	0	4	6	1	6	8	4
		1	295	1015·1	-	51·7	0·7	12·4	93	6·2	2	8	3	7	10	0	0	0	1	2	3	5	9	10	0	0	0	5	22	3	3	0	4	0	6	7	3	4
		7	295	1014·6	-	51·0	0·9	12·3	93	7·1	2	4	5	11	8	0	1	1	0	4	3	7	2	10	2	0	0	3	23	4	1	0	2	5	6	3	4	5
	Tern Hill	13	295	1015·2	-	60·1	4·2	13·5	75	8·3	0	1	4	17	8	0	0	0	1	1	1	3	3	11	10	0	3	6	21	0	4	0	1	4	3	6	4	8
		18	295	1014·9	-	58·2	3·6	13·2	78	7·0	0	4	6	15	5	0	0	0	0	1	0	4	6	7	12	0	0	7	21	2	5	0	3	0	2	7	5	6
		7	226	1015·3	-1·6	50·2	1·2	11·7	91	6·7	2	6	4	9	9	0	3	3	0	0	2	4	6	12	0	0	0	4	23	3	1	0	1	3	5	11	5	1
Hereford	Ross-on-Wye H	13	226	1015·3	-	61·9	6·3	12·5	65	6·7	0	2	13	11	4	0	0	0	0	0	0	2	6	21	1	0	0	10	20	0	3	1	1	2	4	9	6	4
		18	226	1015·1	-	59·1	4·5	12·8	74	6·2	0	8	4	14	4	0	0	0	0	0	0	6	7	16	1	0	0	4	26	0	3	0	3	0	3	13	4	4
		9	230	1016·3	-0·8	58·6	2·8	14·0	83	7·7	1	0	6	16	7	0	0	0	1	1	0	12	15	1	0	0	0	0	26	4	0	0	0	3	4	6	6	7
Gloucester	Cheltenham H	21	230	1016·1	-	56·9	1·4	14·5	91	5·7	6	0	11	5	8	0	0	0	0	0	0	18	11	1	0	0	0	0	24	6	0	0	1	2	1	8	8	4
5 ENGLAND, S.E.																																			
		9	152	1016·2	-1·4	59·1	4·5	12·9	74	6·2	2	7	3	13	5	0	0	0	0	2	8	13	6	1	0	0	0	7	20	3	4	0	2	2	4	8	6	1
		15	152	1015·4	-	64·3	8·3	11·9	57	7·6	1	2	4	13	10	-	-	-	-	-	-	-	-	-	-	0	0	7	19	4	2	0	2	0	2	10	4	6
London	Greenwich .. H	21	152	1016·2	-	55·6	3·0	12·5	80	5·2	3	9	5	6	7	-	-	-	-	-	-	-	-	-	-	0	0	5	22	3	3	1	3	1	5	9	2	3
		h.*	152	1015·8	-1·4	57·4																													
		7	34	1016·0	-1·4	53·0	1·6	12·7	89	6·8	1	6	5	12	6	0	0	0	3	1	10	11	1	4	0	0	0	1	25	4	3	1	5	0	4	8	4	1
		13	34	1015·9	-	62·5	7·1	11·9	61	7·6	0	3	3	20	4	0	0	0	0	0	0	9	7	14	0	0	0	5	25	0	5	1	2	1	2	8	7	4
	Kew Obs'y. H	18	34	1015·5	-	60·7	6·0	12·1	66	7·5	1	2	6	15	6	0	0	0	0	0	5	11	2	12	0	0	0	5	25	0	2	1	2	2	1	11	5	6
		21	34	1016·2	-	56·3	3·2	12·5	80	5·0	7	6	4	8	5	0	0	0	0	1	9	8	5	7	0	0	0	1	27	2	3	2	1	1	5	11	3	2
		h.*	34	1015·9	-1·3	57·4	4·0	12·2	77																										
		9	66	-	-	59·0	4·0	13·0	76	5·7	0	8	9	12	1	-	-	-	-	-	-	-	-	-	-	0	0	4	26	0	3	2	0	3	3	8	3	8
	Kensington.. ..	15	66	-	-	64·8	7·6	12·6	60	5·8	1	5	10	13	1	-	-	-	-	-	-	-	-	-	-	0	1	0	25	0	0	1	0	2	3	10	4	6
		18	66	-	-	61·6	5·7	12·8	68	6·1	0	4	14	12	0	-	-	-	-	-	-	-	-	-	-	0	0	2	28	0	2	0	0	2	3	9	7	7
		1	225	1016·9	-	52·1	1·2	12·5	92	5·1	9	5	2	5	9	0	0	0	4	2	8	7	9	0	0	0	0	3	23	4	1	0	3	1	8	10	2	1
		7	225	1016·8	-	52·3	1·1	12·7	92	7·1	1	4	7	12	6	0	0	1	2	5	5	8	6	3	0	0	0	2	19	9	0	1	0	2	8	2	5	3
Surrey	Croydon .. H	13	225	1016·7	-	63·6	7·2	12·6	62	7·8	0	3	5	14	8	0	0	0	0	0	4	6	7	12	1	0	0	6	23	1	2	0	1	2	6	6	7	5
		18	225	1016·3	-	60·3	5·2	12·8	70	7·4	0	2	7	17	4	0	0	0	0	4	3	11	0	12	0	0	0	4	26	0	0	1	2	3	9	4	7	4
	Wisley	9	85	1016·5	-	59·2	3·9	13·2	77	6·9	0	6	6	10	8	0	0	1	0	1	0	14	14	0	0	0	0	0	27	3	2	1	3	3	3	9	1	5
		7	—	—	-	54·9	0·7	14·0	92	5·9	2	8	5	9	6	0	0	0	0	4	2	4	16	2	1	1	1	4	24	0	1	2	2	4	2	5	5	9
Kent	Dungeness ..	13	—	—	-	63·9	3·3	16·5	81	6·2	0	6	11	8	5	0	0	0	0	0	0	3	19	7	1	0	1	10	19	0	3	2	2	1	8	10	1	3
		18	—	—	-	60·6	1·9	16·1	89	6·3	1	5	8	11	5	0	0	0	0	2	4	11	8	5	0	3	4	22	1	3	3	1	3	3	13	1	4
		1	344	1016·4	-	52·7	1·2	12·7	92	4·7	5	10	3	5	7	0	0	0	1	1	5	15	6	2	0	0	1	1	27	1	8	2	2	2	1	5	5	4
		7	344	1016·6	-0·6	53·9	1·2	13·3	91	6·3	3	5	6	8	8	0	0	0	0	7	3	8	8	4	0	0	1	2	26	1	7	2	2	3	2	4	6	3
	Lympne .. H	13	344	1016·3	-	63·6	6·3	12·8	66	7·2	0	3	5	17	5	0	0	0	0	0	1	6	6	17	0	0	0	7	22	1	4	4	2	2	7	5	3	2
		18	344	1016·0	-	57·8	3·1	13·5	81	7·1	0	5	4	15	6	0	0	0	0	2	2	8	4	14	0	0	0	5	24	1	6	2	1	3	2	8	3	4
		1	156	1016·0	-	54·7	2·2	12·7	85	5·8	3	8	4	5	10	0	1	0	1	1	2	13	10	2	0	0	1	2	26	1	3	0	3	2	4	9	3	5
	Manston .. H	7	156	1015·9	-	55·2	2·0	13·2	87	6·6	0	7	6	9	8	0	0	1	0	1	2	12	5	8	1	0	1	4	25	0	4	1	2	5	3	8	2	5
		13	156	1016·2	-	63·6	7·3	12·6	62	7·4	0	5	3	16	6	0	0	0	0	1	0	10	3	15	1	0	0	11	18	1	3	3	0	1	6	8	2	6
		18	156	1015·7	-	59·8	4·7	13·0	73	7·1	0	4	5	16	5	0	0	0	0	1	0	1	5	17	1	0	0	0	8	20	2	4	1	3	1	8	8	0	3
	Tunbridge Wells ..	9	407	1016·4	-1·4	56·2	1·9	13·5	87	5·9	3	8	4	9	6	0	0	0	0	0	2	4	10	14	0	0	0	0	8	22	0	3	3	0	5	2	4	6	7
Sussex	Hastings .. H	9	154	1016·0	-1·5	60·3	4·1	13·7	76	5·3	5	3	12	5	5	0	0	1	0	0	4	17	1	7	0	0	0	5	24	1	3	3	0	5	1	9	0	8
		1	10	1016·2	-	52·9	1·3	12·5	91	5·0	5	9	3	8	5	0	0	0	0	1	2	11	9	7	0	0	0	6	18	6	2	5	0	4	0	4	3	6
	Thorney Is. ..	7	10	1016·2	-	53·8	1·7	12·5	88	7·1	0	5	6	11	8	0	0	0	0	1	0	1	6	14	7	1	0	0	3	21	6	1	2	3	1	2	4	4	7
		13	10	1016·4	-	63·9	6·0	13·7	67	7·3	0	1	10	11	8	0	0	0	0	0	0	2	7	8	13	0	0	0	6	24	0	1	2	3	1	7	7	6	3
		18	10	1015·9	-	59·8	4·1	13·3	76	6·5	1	5	3	18	3	0	0	0	0	0	1	5	5	12	7	0	0	0	6	22	2	1	0	4	0	4	9	3	6
Hampshire	Southampton ..	9	84	1016·6	-	58·8	3·5	13·4	79	5·8	0	11	5	7	7	0	0	0	0	3	1	8	1	17	0	0	0	4	25	1	2	5	2	3	1	7	3	6
		21	84	1016·4	-	55·5	2·2	12·9	85	4·3	7	9	2	8	4	0	0	0	0	1	1	16	11	1	0	0	1	2	26	1	0	2	3	1	0	11	2	10
		1	231	1016·1	-	50·8	1·2	11·9	91	4·9	7	8	1	5	9	0	0	0	1	0	6	11	9	3	0	0	0	2	19	9	1	0	3	1	2	6	4	4
	S. Farnborough H	7	231	1016·1	-1·1	51·0	1·0	12·3	93	6·6	1	10	0	11	8	0	0	2	2	4	2	7	7	6	0	0	0	2	24	4	2	0	2	2	6	4	7	3
		13	231	1015·9	-	63·0	6·6	12·7	63	7·6	0	4	2	19	5	0	0	0	0	0	2	3	8	17	0	0	0	7	22	1	4	2	0	2	6	4	8	4
		18	231	1015·6	-	60·5	5·5	12·6	69	6·6	1	5	8	12	4	0	0	0	0	0	1	5	6	17	1	0	0	2	26	2	4	1	2	3	2	8	9	2
		9	80	-	-	59·3	3·5	13·7	79	6·2	1	8	6	7	8	-	-	-	-	-	-	-	-	-	-	0	0	5	25	0	5	2	3	1	1	3	13	2
I. of Wight	Ventnor (Hosp.)	15	80	-	-	62·6	5·5	13·5	69	5·8	0	8	9	8	5	-	-	-	-	-	-	-	-	-	-	0	0	6	25	0	2	1	1	2	3	0	20	1
		1	420	1016·3	-	50·3	0·9	11·9	93	4·2	11	6	2	4	7	0	1	0	0	1	3	9	9	7	0	0	0	3	18	9	3	1	2	1	4	2	1	7
Wiltshire	Amesbury H	7	420	1016·3	-	50·4	0·6	12·2	94	7·1	1	3	6	14	6	0	0	2	0	3	3	9	9	4	0	0	0	3	17	10	0	0	3	2	5	3	3	4
	(Boscombe Down)	13	420	1016·1	-	62·1	6·3	12·7	65	7·6	0	1	7	17	5	0	0	0	0	0	0	1	9	18	2	0	1	6	20	3	5	0	2	1	5	8	5	1
		18	420	1015·8	-	58·3	4·2	12·7	74	7·5	1	3	4	16	6	0	0	0	0	0	0	3	9	17	1	0	0	2	23	5	1	0	2	2	4	5	5	6
		9	444	1015·9	-	56·4	2·5	13·3	84	7·3	1	4	5	9	11	0	0	0	0	4	2	10	8	6	0	0	0	3	24	3	5	1	2	2	3	6	6	2
	Larkhill .. H	13	444	1015·6	-	61·6	5·7	13·0	68	7·4	0	2	6	18	4	0	0	0	0	0	0	5	8	17	0	0	1	9	18	2	5	0	1	2	2	4	7	5	4
		15	444	1015·3	-	61·5	6·0	12·6	67	6·8	0	4	7	15	4	0	0	0	0	0	0	4	9	17	0	0	1	7	21	1	2	0	2	2	4	6	7	6
7a ENGLAND, N.W.																																			
Lancashire	Hutton	9	86	1013·8	-2·1	56·1	2·2	13·3	85	6·6	1	4	6	17	2	-	-	-	-	-	-	-	-	-	-	0	1	1	23	5	0	4	1	3	2	11	0	4
	Manchester	9	127	1014·6	-1·7	56·2	3·2	12·3	80	7·5	2	3	3	12	10	-	-	-	-	-	-	-	-	-	-	0	0	7	23	0	2	0	3	2	5	10	3	5
	(Whitworth Pk.)	21	127	1014·6	-	54·8	2·3	12·4	85	6·2	5	5	3	8	9	-	-	-	-	-	-	-	-	-	-	0	0	6	22	2	1	3	4	1	2	11	4	2
	Southport †H	9	37	1014·9	-1·8	56·2	3·2	12·6	80	7·1	0	5	8	7	10	0	0	0	0	5	7	6	4	8	0	0	2	9	15	4	2	2	4	2	5	2	7	2
	(Bedford Rd. Park)	15	37	1014·5	-	59·8	4·6	13·1	73	6·9	0	5	7	11	7	0	0	0	0	2	2	8	9	9	0	0	1	13	15	1	2	0	2	3	1	5	6	10
		21	37	1014·4	-	54·7	2·6	12·3	83	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0	1	12	14	3	3	1	4	0	3	8	3	5
		9	381	1014·8	-1·8	54·9	2·8	12·3	81	7·3	0	5	3	11	11	0	0	0	0	3	5	13	5	4	0	0	0	4	25	1	1	4	2	0	1	6	9	5	1
	Stonyhurst ..	21	381	1014·8	-	53·2	2·1	12·0	85	7·2	2	6	3	2	17	-	-	-	-	-	-	-	-	-	-	0	0	4	24	2	4	5	0	1	2	10	3	3
Cheshire	Bidston Obs'y. ..	9	202	1015·0	-1·4	55·7	3·4	11·9	79	8·5	0	0	3	15	12	0	0	0	3	2	8	6	8	3	0	0	0	8	20	2	3	0	5	4	1	2	8	5
		1	261	1014·7	-	51·3	1·4	11·9	91	5·6	5	4	7	5	9	0	0	1	1	3	3	12	10	0	0	0	0	8	20	2	1	2	3	2	12	4	3	1
	Manchester H	7	261	1014·5	-	50·7	1·1	11·9	92	7·1	1	4	5	15	5	0	1	0	1	1	5	13	8	1	0	0	0	6	21	3	0	2	3	1	9	5	3	4
	(Ringway)	13	261	1014·8	-	59·4	4·8	12·7	72	8·1	0	1	6	16	7	0	0	0	1	1	1	10	7	9	1	0	0	14	16	0	1	0	3	3	4	8	3	8
		18	261	1014·5	-	57·0	3·3	12·8	79	7·4	0	2	6	18	4	0	0	0	0	0	2	14	7	6	1	0	0	8	21	1	1	0	4	2	6	5	4	7
7b NORTH WALES																																			
Flint	Sealand .. H	1	19	1014·4	-	53·1	1·9	12·2	87	7·0	2	6	3	5	14	0	0	0	2	3	3	16	5	1	0	0	0	4	17	9	1	1	2	1	5	5	3	3
		7	19	1014·4	-	52·2	1·6	12·1	88	7·7	1	3	4	12	10	0	0	1	0	5	4	9	7	4	0	0	0	1	2	11	16	0	0	1	3	3	2	3
		13	19	1014·8	-	50·1	4·9	12·7	70	8·6	0	1	3	15	11	0	0	0	0	0	2	8	2	14	4	0	0	3	6	18	3	3	0	2	3	4	3	5	7
		18	19	1014·4	-	58·5	4·5	12·3	73	7·8	0	2	6	14	8	0	0	0	1	0	1	5	2	12	2	0	0	3	24	3	4	0	2	0	2	6	4	9

†Visibility at Hesketh Park (at 9h. and 15h.); wind at Marshside. * Mean of hourly readings.

TABLE IV (*continued*)—Summary of Observations at fixed hours SEPTEMBER, 1943

DISTRICT, COUNTY AND PLACE		Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE: At Mean Sea Level	MEAN PRESSURE: Difference from Average	TEMPERATURE AND HUMIDITY: Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	CLOUD AMOUNT: Mean Amount	CLOUD AMOUNT: No. of Observations 0	1 to 3	4 to 6	7 to 9	10	VISIBILITY: Number of Observations — Fog 0	Fog 1	Fog 2	Fog 3	Mist, Poor Vis. 4	Mod. Vis. 5	Good Visibility 6	7	8	9	WIND, Number of Observations — Force (0-12): 8 or more	6 to 7	4 to 5	1 to 3	Calm	Direction: N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
		G.M.T.	ft	mb	mb	°F	°F	mb	%																													
7b NORTH WALES—*cont.*																																						
Anglesey	Holyhead ... H	1	34	1014·4	–	54·0	1·9	12·7	87	6·6	0	7	7	6	10	0	0	0	0	0	2	7	3	18	0	0	4	15	10	1	3	5	1	1	4	5	5	5
	(Valley)	7	34	1014·4	–1·4	53·5	1·9	12·0	87	7·6	1	3	4	16	6	0	0	0	0	2	3	1	2	18	4	0	3	11	12	4	3	4	1	1	3	8	1	5
		13	34	1015·0	–	59·3	4·4	13·0	75	8·0	0	1	7	15	7	0	0	0	0	1	1	3	3	18	4	0	5	13	12	0	3	1	3	1	4	6	7	5
		18	34	1014·5	–	57·3	3·4	13·0	79	7·2	0	5	3	17	5	0	0	0	0	0	0	3	3	19	5	1	5	10	11	3	2	1	1	0	6	10	2	5
Carnarvon	Llandudno ..	9	33	1014·9	–	57·4	3·7	12·9	80	7·9	1	0	5	19	5	0	0	0	0	0	2	1	7	20	0	0	0	5	25	0	4	0	4	1	7	7	5	2
8a SOUTH WALES.																																						
Cardigan	Aberporth	7	379	1015·3	–	53·3	2·0	12·1	86	7·6	0	5	3	13	9	0	0	0	0	0	1	1	7	11	10	0	0	12	18	0	5	1	1	3	5	8	3	4
		13	379	1015·8	–	57·8	3·6	12·8	77	8·3	0	1	4	16	9	0	0	0	0	0	0	3	6	10	11	0	2	12	15	1	6	2	1	1	3	5	7	4
		18	379	1015·5	–	56·5	3·5	12·4	78	7·7	0	1	8	15	6	0	0	0	0	0	0	0	8	10	12	0	0	12	16	2	8	0	1	3	1	10	2	3
Pembroke	St. Ann's Head ..	1	152	1015·4	–	56·2	1·5	13·9	90	6·0	0	9	9	7	5	0	1	0	0	0	0	1	5	23	0	1	3	15	11	0	5	1	3	1	5	3	8	4
		7	152	1015·3	–1·2	55·6	1·4	13·7	90	7·7	0	2	6	16	6	0	0	0	1	0	1	3	5	20	0	0	3	11	16	0	2	2	3	5	1	4	6	7
		13	152	1016·0	–	58·7	2·7	14·1	83	7·4	0	0	12	13	5	0	0	0	0	1	1	1	5	22	0	0	7	11	12	0	3	2	1	2	3	5	7	7
		18	152	1015·7	–	57·1	2·0	13·9	87	7·0	0	3	8	13	6	0	0	0	0	0	0	2	6	22	0	0	5	11	14	0	6	2	1	3	3	6	6	3
Radnor	Rhayader	9	—	–	–	54·0	2·2	12·2	86	7·7	0	3	5	10	12	0	1	0	0	2	0	5	7	15	0	0	0	1	29	0	0	2	1	4	1	7	5	10
Glamorgan	Cardiff	9	203	1016·1	–1·7	57·3	3·1	13·0	81	7·2	0	4	4	15	7	0	0	0	0	0	1	22	3	4	0	0	0	1	29	0	0	6	1	1	3	16	1	2
	St. Athan ..	1	147	1016·4	–	52·2	1·3	12·3	91	5·6	3	7	7	3	10	0	0	0	0	0	0	19	9	2	0	0	1	3	18	8	1	0	1	3	1	2	9	5
		7	147	1015·9	–	52·7	1·0	13·0	93	7·3	0	2	8	13	7	0	0	1	0	3	2	9	9	6	0	0	1	2	26	1	3	0	5	1	2	5	9	4
		13	147	1016·4	–	60·2	4·6	13·2	73	7·5	0	2	8	15	5	0	0	1	0	0	0	2	2	16	2	0	0	6	23	1	4	1	4	0	1	7	8	4
		18	147	1016·2	–	58·0	3·5	13·0	78	7·4	0	2	8	13	7	0	0	0	0	1	2	1	12	12	2	0	0	5	25	0	4	1	2	0	3	1	11	8
8b ENGLAND, S.W.																																						
Somerset	Bath	9	113	1015·8	–1·5	58·6	3·7	13·1	77	6·6	2	6	4	7	11	0	0	0	0	0	1	5	8	16	0	0	0	1	23	6	1	2	3	2	1	1	10	4
	Bristol (Airport) H	1	236	1016·1	–	51·5	1·3	12·1	91	5·3	5	8	0	12	5	0	0	0	0	2	2	15	6	5	0	0	0	3	20	7	1	1	0	1	3	9	4	4
		7	236	1016·0	–	51·6	1·1	12·4	93	7·3	1	5	3	14	7	0	0	0	0	3	0	13	9	5	0	0	0	3	17	10	0	0	1	2	6	4	3	4
		13	236	1016·0	–	61·6	5·8	12·9	68	7·9	0	0	7	19	4	0	0	0	0	0	0	5	6	19	0	0	1	5	23	1	3	0	1	2	6	6	5	6
		18	236	1015·8	–	58·1	3·6	13·1	78	7·5	0	5	2	18	5	0	0	0	0	0	1	10	6	13	0	0	0	1	28	1	2	0	2	1	2	5	11	6
Dorset	Holton Heath H	9	58	1016·5	–	58·3	2·9	13·9	83	7·0	0	6	4	12	8	0	0	0	0	2	3	4	13	4	4	0	0	6	20	4	4	3	1	2	5	3	3	5
		15	58	1015·9	–	62·4	5·8	13·3	68	6·2	0	6	11	8	5	0	0	0	0	0	1	2	14	11	2	0	0	12	15	3	4	0	4	2	2	8	5	2
	Portland Bill ..	1	37	1016·0	–	57·0	1·9	13·9	88	7·2	3	1	5	10	11	0	0	0	0	0	0	0	7	23	0	0	0	16	14	0	4	1	3	0	1	9	7	5
		7	37	1015·8	–1·0	57·2	1·9	14·1	88	8·7	0	0	3	11	16	0	0	0	0	0	0	0	2	21	0	0	1	15	14	0	4	5	1	0	3	6	7	4
		13	37	1016·3	–	60·5	2·3	15·5	86	8·4	0	0	2	18	10	0	0	0	0	0	0	0	5	25	0	0	1	14	15	0	2	0	5	2	2	6	7	6
		18	37	1016·0	–	59·4	2·1	15·2	87	8·4	0	1	4	12	13	0	0	0	0	0	0	0	7	23	0	0	0	15	15	0	2	0	5	1	1	12	4	5
Devon	Hartland Pt. ..	1	305	1015·1	–	56·0	2·2	13·2	86	6·1	1	9	6	7	7	0	0	0	0	0	0	1	9	20	0	0	3	10	17	0	3	4	1	1	2	5	9	5
		7	305	1015·0	–	55·6	2·4	12·8	85	7·2	0	2	10	13	5	0	0	0	0	0	1	2	4	23	0	0	0	13	17	0	4	2	1	4	4	2	8	5
		13	305	1015·8	–	58·2	3·3	13·3	80	7·4	0	2	8	14	6	0	0	0	0	0	2	1	3	19	5	0	0	11	19	0	3	1	2	0	2	3	12	7
		18	305	1015·3	–	57·7	3·2	13·1	80	7·6	0	1	10	16	3	0	0	0	0	0	0	3	2	19	6	0	2	14	14	0	7	1	1	1	1	2	8	9
	Plymouth H (Mount Batten) ..	1	27	1016·6	–	53·1	0·5	13·5	97	6·1	4	6	2	11	7	0	0	0	0	0	2	11	11	6	0	0	1	6	20	3	1	3	8	1	1	4	4	5
		7	27	1016·4	–0·6	52·4	0·6	13·2	96	6·9	1	6	2	17	4	0	1	1	0	2	0	6	11	9	0	0	0	4	24	2	2	2	4	3	2	3	5	7
		13	27	1016·7	–	50·1	3·0	14·8	83	7·9	0	4	2	18	6	0	0	0	0	0	0	4	4	19	2	0	1	12	17	0	4	1	1	2	5	7	6	4
		18	27	1016·4	–	58·0	2·3	14·3	86	6·7	0	5	7	12	6	0	0	0	0	0	0	5	6	16	3	0	0	12	18	0	5	0	2	2	3	7	3	8
Cornwall	The Lizard ..	1	240	1016·5	–	54·7	1·2	13·5	92	6·3	2	5	8	8	7	0	1	0	0	1	1	3	7	17	0	0	2	9	17	2	3	1	3	2	2	2	4	11
		7	240	1016·1	–	54·4	1·5	13·1	91	7·5	0	1	9	16	4	0	1	1	0	0	0	4	4	20	0	0	3	8	17	2	2	3	4	3	0	2	5	9
		13	240	1016·6	–	59·6	3·1	14·3	82	7·3	0	1	11	9	9	0	0	2	1	0	0	2	5	20	0	0	3	11	14	2	4	0	2	3	0	7	3	9
		18	240	1016·5	–	58·2	2·4	13·6	85	7·1	0	3	11	9	7	0	1	0	0	1	0	2	6	20	0	0	1	13	15	1	2	0	3	3	0	2	6	13
	Newquay ..	9	185	1015·7	–1·4	58·4	3·4	13·3	79	8·1	0	3	3	10	14	0	0	0	0	0	0	3	5	18	4	0	4	12	14	0	7	5	1	4	2	4	6	1
NORTHERN IRELAND																																						
Antrim	Aldergrove H	1	271	1013·3	–	51·6	1·3	12·1	91	7·1	0	5	6	7	12	0	0	0	0	1	3	6	7	13	0	0	0	5	24	1	2	0	3	2	5	6	8	3
		7	271	1013·5	–	50·7	1·4	11·6	91	8·4	0	1	2	18	9	0	0	0	0	1	1	3	11	11	3	0	1	7	15	7	1	1	2	2	4	6	4	3
		13	271	1013·8	–	56·6	3·6	12·2	77	8·6	0	0	4	16	10	0	0	0	0	0	3	3	5	12	7	0	1	8	20	1	1	0	3	1	5	7	8	4
		18	271	1013·2	–	54·7	2·6	12·3	83	7·9	9	3	4	14	9	0	0	0	0	0	4	5	2	13	6	0	1	9	18	2	2	1	2	2	6	5	6	4
Armagh	Armagh .. H	9	209																																			
		21	209																																			
Scilly	St. Mary's ..	1	199	1016·5	–	55·8	2·2	13·0	85	7·0	1	4	7	10	8	0	1	1	0	0	0	3	5	20	0	0	2	19	8	1	6	2	1	2	3	2	7	6
		7	199	1016·2	–0·7	55·8	2·2	13·0	85	8·1	0	1	7	14	8	0	1	1	0	0	0	0	6	18	4	0	1	18	10	1	5	2	1	3	2	5	3	8
		13	199	1016·9	–	60·5	4·1	13·8	77	8·3	0	2	4	15	9	0	0	0	0	1	1	2	5	20	1	0	1	19	10	0	7	1	2	1	3	5	8	3
		18	199	1016·5	–	57·7	2·9	13·4	82	8·6	0	0	3	21	6	0	0	1	0	0	0	2	6	17	4	0	0	19	11	0	7	0	0	5	2	4	5	7
GIBRALTAR .. .. H		1	400	1015·6	–	57·1	4·0	18·2	79	2·7	11	10	3	4	2	0	0	0	0	1	0	0	2	11	16	0	0	15	14	1	1	3	6	0	0	1	14	4
		7	400	1015·4	–	56·4	4·3	17·5	77	4·9	2	13	3	10	2	0	1	0	0	0	0	1	3	14	11	0	1	12	16	1	1	4	2	1	0	1	15	5
		13	400	1015·3	–	74·3	8·9	17·6	61	4·5	2	12	6	10	0	0	0	0	0	0	0	0	3	15	12	0	0	20	10	0	0	6	6	0	0	6	12	0
		18	400	1014·7	–	70·6	5·9	18·5	72	3·7	2	14	8	6	0	0	0	0	0	0	0	0	3	9	18	0	2	18	8	2	0	3	4	2	0	4	15	0
MALTA .. .. H		1	234	1016·1	–	74·0	3·5	24·1	84	0·7	20	8	2	0	0	0	0	0	0	0	0	1	9	20	0	0	0	4	17	9	0	0	3	2	5	3	5	3
		7	234	1016·4	–	76·1	4·2	24·9	81	2·3	2	23	1	4	0	0	0	0	0	0	0	0	5	23	2	0	0	6	22	2	1	1	1	2	4	5	6	8
		13	234	1016·4	–	82·8	9·7	23·7	62	2·4	3	20	2	5	0	0	0	0	0	0	0	0	1	26	3	0	0	6	24	0	5	7	2	2	5	2	1	6
		18	234	1016·0	–	77·7	5·2	25·0	77	1·4	6	21	1	2	0	0	0	0	0	0	0	0	1	29	0	0	0	4	26	0	2	2	0	4	5	4	6	7

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MONTHLY WEATHER REPORT OF THE METEOROLOGICAL OFFICE

SUMMARY OF OBSERVATIONS COMPILED FROM RETURNS OF OFFICIAL STATIONS AND VOLUNTEER OBSERVERS

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OCTOBER, 1943. — Mild; mainly dull; wet in the west and north.

The weather of the month was dull on the whole and mild. It was excessively wet in the western and central districts of Scotland. Southerly winds predominated. Fog occurred frequently in some localities, particularly in inland districts of England.

During the opening days a depression off north-west Ireland moved north-east and on the 3rd and 4th another off south-west Iceland moved east across the Faeroes. Rain fell in Scotland and Ireland and was heavy locally. There was slight, scattered rain also in England on the 1st and locally in north and west England on the 4th. On the 5th and 6th a depression southward of Iceland moved north-east and associated secondaries crossed the British Isles. Heavy rain fell in the west and north on the 5th and rain spread to all parts of England on the 6th.

In the rear of this disturbance an anticyclone off south-west Ireland moved north-east to Denmark and dominated conditions over England until the 11th. The anticyclone maintained fair weather over the British Isles generally on the 7th but subsequently troughs of low pressure were associated with cloud and occasional rain in the west and north. There was fairly frequent fog in the east and south. By the 12th pressure was very low in the Greenland-Iceland area, while a trough moved east over the British Isles: further rain occurred in the west and north.

A period of very unsettled weather ensued over the whole country. On the 16th a depression centred just off west Ireland moved north and then north-west and was followed on the 19th by another off south-west Ireland which moved north-east and then north. The latter became almost stationary in a position off the Hebrides by the 22nd and was filling up. The week ending the 22nd was characterised by frequent rain or showers, local thunderstorms and strong winds. On the 23rd and 24th the depression off north-west Scotland moved north-east and continued to fill up: there were some further showers.

On the 25th a belt of relatively high, very uniform pressure stretched across England from south-west to north-east: there was widespread and considerable fog in this area. The high pressure moved slowly south-east until by the morning of the 27th only the south-east of the country was affected. Meanwhile Atlantic depressions, moving north-east along our west and north-west seaboards, caused rain in the west and north. Subsequently the continental anticyclone extended its influence westward, while a series of depressions extended from north of the Azores to Iceland. Very mild weather prevailed in Scotland and Ireland, with some rain on the extreme west coasts on the 28th and in southern Ireland on the 29th. Foggy conditions persisted in the east and south. Rain spread over most of the country except south-east and east England on the 30th and was reported almost everywhere on the 31st.

Pressure and Wind.—Mean pressure was below the average in the west and north and about or slightly above the average over most of England: the deviation at 7h. ranged from —6·5 mb. at Stornoway to +1·3 mb. at Spurn, Yarmouth and Lympne. The pressure gradient was thus considerably increased, particularly over Scotland and Ireland, and winds from a southerly point predominated; in Scotland there was a seven days' excess of southerly winds. Gales occurred fairly frequently in northern districts and were reported on seven days at Stornoway and on six at Duntuilm and Kettins. A widespread gale occurred on the 19th. Among the highest speeds registered in gusts were 68 m.p.h. at Stornoway on the 4th, 65 m.p.h. at Kirkwall on the 6th and at Edinburgh on the 12th and 77 m.p.h. at St. Ann's Head and 84 m.p.h. at Plymouth on the 19th.

Temperature.—Mean temperature exceeded the average, the deviation for the districts ranging from +1·2°F. in England, NE and England, SW, to +3·4°F. in Scotland, N. It was the mildest October over Great Britain as a whole since 1921, although in England and Wales, 1930 was nearly as mild.

The extremes for the month were:—(England and Wales) 70°F. at Bodiam and Whitstable on the 1st and at Cromer and Cheltenham on the 10th, 27°F. at Milford on the 3rd and Doncaster on the 8th; (Scotland) 69°F. at Forres on the 9th, 26°F. at Eskdalemuir on the 14th; (Northern Ireland) 63°F. at Armagh on the 9th, 31°F. at Garvagh on the 24th.

Precipitation.—The general precipitation expressed as a percentage of the average for the period 1881–1915 was 85 over England and Wales, 151 over Scotland and 109 over Northern Ireland. In Scotland, over a wide area extending from Fort Augustus to south of the Clyde and from Tiree to Crieff more than twice the average rainfall occurred and at Inveraray Castle the total was three times the average. In contrast down the east coast from the Shetlands to Berwickshire less than the average occurred at nearly every station. In England and Wales more than the average was received over most of Wales and north-west England, in an area in southern England extending from Beaminster, Dorset, across the Wiltshire Downs to Hertfordshire and at a few isolated places elsewhere. Less than 50 per cent. occurred in a belt stretching from northward of Scarborough to southward of the Wash, around Yarmouth and on the south-east coast at Dungeness and Dover. In Northern Ireland the distribution was somewhat variable, the percentages ranging from 88 at Seaforde to 137 at Aldergrove.

In west Scotland there were many instances of daily falls exceeding 2 inches. The 3rd and 5th were excessively wet in the west and north of Britain: in the west of Scotland a number of places had more than 4 inches on each of these days: for example, 4·26 in. at Kaim Dam (Renfrewshire) and 4·20 in. at Lennoxtown on the 3rd and 4·36 in. at Kinlochquoich and 4·22 in. at Conaghen (Ardgour) on the 5th. Considerable flooding occurred as a result of these unusually heavy falls. The period 17th–23rd was very wet over the country generally.

Thunderstorms occurred locally at times, mainly from the 17th–21st, 23rd and 24th: they were widespread on the 20th–21st.

Slight snow fell locally in Scotland on the 2nd.

Sunshine.—Sunshine was below the average at the majority of stations. The deficiency was greatest in north and west Scotland. In England and Wales the distribution was more variable; there was an excess on the whole in the western districts. In Northern Ireland also there was an excess. The mean daily duration in hours ranged from less than 1·5 hours over a considerable area in central and north-west Scotland to more than 4 hours at many places in the neighbourhood of the Bristol Channel and along the south coast of England from Plymouth to Worthing.

Fog.—Fog occurred frequently at inland stations in England, particularly in large towns. It was recorded at the morning observation hour on 15 occasions at Catterick, Finningley and Nottingham and on 14 occasions at Doncaster and Marlborough. The chief periods of fog were the 8th–16th and 23rd–31st. In Scotland and Ireland it was less frequent.

Miscellaneous Phenomena.—The aurora was observed in Scotland on 13 nights. Solar halos were noted at Oxford on nine days.

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TABLE I—DISTRICT VALUES— OCTOBER, 1943 [1908, revised 1928 and 1941]

DISTRICTS	AIR TEMPERATURE			EARTH TEMPERATURE		RAINFALL		SUNSHINE	
	Highest	Lowest	Daily Mean Difference from Average	At 1 ft Difference from Average	At 4 ft Difference from Average	Percentage of Average	No. of Days Difference from Average	Percentage of Average	Percentage of Possible Duration
	°F	°F	°F	°F	°F	%		%	%
0 SCOTLAND, N.	67	30	+3.4	—	—	128	0	74	18
Eastern									
1 SCOTLAND, E.	69	27	+2·1	—	—	91	−1	93	26
2 ENGLAND, N.E.	67	28	+1·2	+1·3	+0·3	55	−3	96	29
3 ENGLAND, E.	70	28	+1·2	+1·8	+0·9	78	−5	87	29
4 MIDLAND COUNTIES ..	70	27	+1·7	+1·4	+0·7	66	−4	100	29
5 ENGLAND, S.E.	70	27	+2·0	+1·9	+1·3	77	−4	96	31
Western									
6 SCOTLAND, W.	63	26	+2·2	+1·4	+0·5	177	+3	81	21
7 ENGLAND, N.W. *(and N. Wales)*	68	28	+1·3	+1·6	+0·9	125	+1	106	30
8 ENGLAND, S.W. *(and S. Wales)*	68	28	+1·2	+0·4	+0·5	93	−1	101	31
NORTHERN IRELAND	63	31	+1·9	—	—	109	0	109	29
MEAN 0, 1, 6 ..	—	—	+2·6	—	—	—	—	83	22
MEAN 2, 3, 4, 5, 7, 8	—	—	+1·6	—	—	—	—	98	30

TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— OCTOBER, 1943 [1914]

DISTRICT AND STATION	Height of Vane			Distribution of Wind ‡‡							Extreme Velocities								
				More than 38 mi/hr		25 to 38 mi/hr		13 to 24 mi/hr	4 to 12 mi/hr	Less than 4 mi/hr	No Record	Highest Hourly Wind				Highest Gust			
	Above Mean Sea Level	Above Ground	Effective Height	Dates of Occurrence	Duration	No. of days	Duration	Duration	Duration	Duration	Duration	Veer from N.	Speed		Hour ended at	Speed		Time	
	ft	ft	ft		hr		hr	hr	hr	hr	hr	°	mi/hr	m/s	day hr	mi/hr	m/s	d h m	
0 SCOTLAND, N.																			
Shetland Lerwick	310	53	39	1;6	8	22	225	362	126	23	0	240	45	20	1 01	63	28	1 00 30	
Orkney Kirkwall	170	40	35	17	1	17	119	438	149	37	0	110	39	17	17 23	65	29	6 11 30	
Hebrides Stornoway	120	40	36	8;12;14;25;26; 28	41	26	267	268	126	42	0	190	47	21	12 07	68	30	4 6 10	
1 SCOTLAND, E.																			
Aberdeen Aberdeen	120	41	32	—	0	2	3	203	427	111	0	130	25	11	17 20	51	23	17 19 40	
Angus Bell Rock Lighthouse	130	—	126	3;5;17;19	15	18	216	316	167	30	0	170	46	21	19 23	60	27	4 12 15	
Edinburgh Edinburgh	485	39	23	12	1	9	88	244	326	85	0	180	43	19	12 15	65	29	12 14 40	
6a SCOTLAND, W.																			
Argyll Tiree	75	50	42	—	0	19	187	303	159	30	65	190	36	16	12 07	53	24	4 09 45	
Renfrew Paisley	188	81	31																
Renfrew (Abbotsinch)	65	46	34	—	0	3	6	167	375	196	0	190	28	13	1 18	56	25	5 20 15	
Dumfries Eskdalemuir ..	825	50	35	1	1	10	75	249	249	170	0	210	39	17	1 20	61	27	5 20 45	
6b ISLE OF MAN																			
Isle of Man Point of Ayre ..	70	40	35	—	0	15	120	358	223	40	3	170	38	17	19 17	57	25	19 17 00	
2 ENGLAND, N.E.																			
Durham South Shields ..	73	57	44	—	0	3	3	135	417	189	0	140	28	13	19 21	50	22	4 11 55	
Durham	389	53	33	—	0	0	0	187	403	154	0	230	24	11	5 23	49	22	5 22 25	
Yorks.,N.R. Catterick	220	45	33							Anemometer		dismantled							
Yorks.,E.R. Spurn Head ..	64	42	34	19	1	10	42	356	311	34	0	150	39	17	19 21	54	24	19 20 30	
Lincoln Cranwell	284	43	33	—	0	4	13	196	357	178	0	(160)	34	15	19 19	50	22	19 18 50	
3 ENGLAND, E.																			
Norfolk Gorleston	52	42	34	—	0	7	17	207	379	141	0	180	35	16	19 22	51	23	19 23 00	
Suffolk Mildenhall	98	83	58	—	0	3	10	167	374	193	0	160	30	13	19 20	51	23	19 21 00	
Bedford Cardington ..	285	150	135	—	0	6	47	190	327	153	27	210	33	15	6 11	44	20	6 11 10	
Dunstable	567	55	33	—	0	0	0	244	363	130	7	150	24	11	19 18	39	17	19 17 45	
Essex Shoeburyness ..	115	104	89	19	3	6	27	234	329	103	48	170	46	21	19 21	63	28	19 19 25	
4 MIDLAND COUNTIES																			
Leicester Leicester	385	60	33	—	0	0	0	34	341	328	41	140	22	10	19 18	38	17	18 16 45	
Warwick Birmingham ..	643	118	73	—	0	1	3	160	493	88	0	190	26	12	19 18	50	22	19 17 25	
5 ENGLAND, S.E.																			
London Kingsway	222	151	30	—	0	0	0	58	382	302	2	150	18	8	19 20	47	21	19 19 15	
Southgate	222	30	—							Record incomplete									
Surrey Kew Observatory ..	92	75	50	—	0	0	0	98	367	279	0	190	24	11	19 20	48	21	19 18 25	
Kent Lympne	418	76	48	—	0	4	15	180	426	122	1	180	30	13	19 20	51	23	19 20 15	
Manston	199	46	40	—	0	4	12	151	359	190	32	200	28	13	6 13	42	19	23 12 00	
Hants Thorney Island ..	75	65	45	—	0	3	8	156	260	312	8	170	34	15	19 19	64	28	19 18 45	
Wiltshire Boscombe Down ..	462	45	33	19	1	3	11	142	388	202	0	170	41	18	19 17	60	27	19 16 35	
Larkhill	491	51	36	—	0	1	2	108	376	258	0	180	30	13	19 17	50	22	19 17 10	
7a ENGLAND, N.W.																			
Lancashire Fleetwood	112	50	31	—	0	6	13	266	384	81	0	280	27	12	3 24	48	21	4 03 25	
Southport	60	42	33	—	0	6	40	171	410	123	0	250	37	17	4 02	52	23	5 22 10	
Cheshire Bidston Obs'y. ..	262	64	39	—	0	3	13	261	415	54	1	270	30	13	4 02	55	25	5 13 55	
Manchester (Ringway) ..	315	80	40	19	1	8	49	301	310	83	0	140	39	17	19 18	60	27	19 18 00	
7b NORTH WALES																			
Anglesey Holyhead	68	43	35	—	0	10	81	365	219	69	10	200	32	14	6 01	58	26	20 09 45	
Flint Sealand	81	65	42	—	0	2	3	97	339	305	0	260	25	11	4 06	50	22	4 05 40	
8a SOUTH WALES																			
Pembroke St. Ann's Head ..	212	70	—	19;20	8	16	193	250	212	81	0	150	44	20	19 13	77	34	19 13 30	
8b ENGLAND, S.W.																			
Devon Plymouth	185	88	65	19;20	6	10	86	210	276	154	12	-	49	22	19 14	84	38	19 13 15	
Cornwall The Lizard	315	75	60							Anemometer		dismantled							
Pendennis Castle ..	256	65	42	19;20	5	11	93	194	259	193	0	190	47	21	19 12	61	27	19 12 20	
NORTHERN IRELAND																			
Antrim Aldergrove	328	60	42	—	0	2	3	253	379	109	0	110	26	12	19 17	60	27	19 16 50	
SCILLY ISLES																			
St. Mary's	230	65	57	Anemometer under repair.															

MONTHLY WEATHER CHARTS OCTOBER 1943

1. WIND AND MEAN PRESSURE. 7A.M.

The dotted lines indicate the normal distribution of pressure in millibars based on 30 years' observations, 1901 — 1930

1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015

WIND ROSES. *The arrows fly with the wind and indicate frequency and force, thus :*

LIGHT — MODERATE TO STRONG — GALE

30 Obs. = 1 inch

2. MOVEMENTS OF DEPRESSIONS.

Positions of centres are shewn thus:- O at 1h; ● at 7h; □ at 13h; X at 18h.

3. DISTRIBUTION OF MEAN TEMPERATURE

Reduced to sea level by a correction of 1°F for 300ft.

SCALE OF TINTS

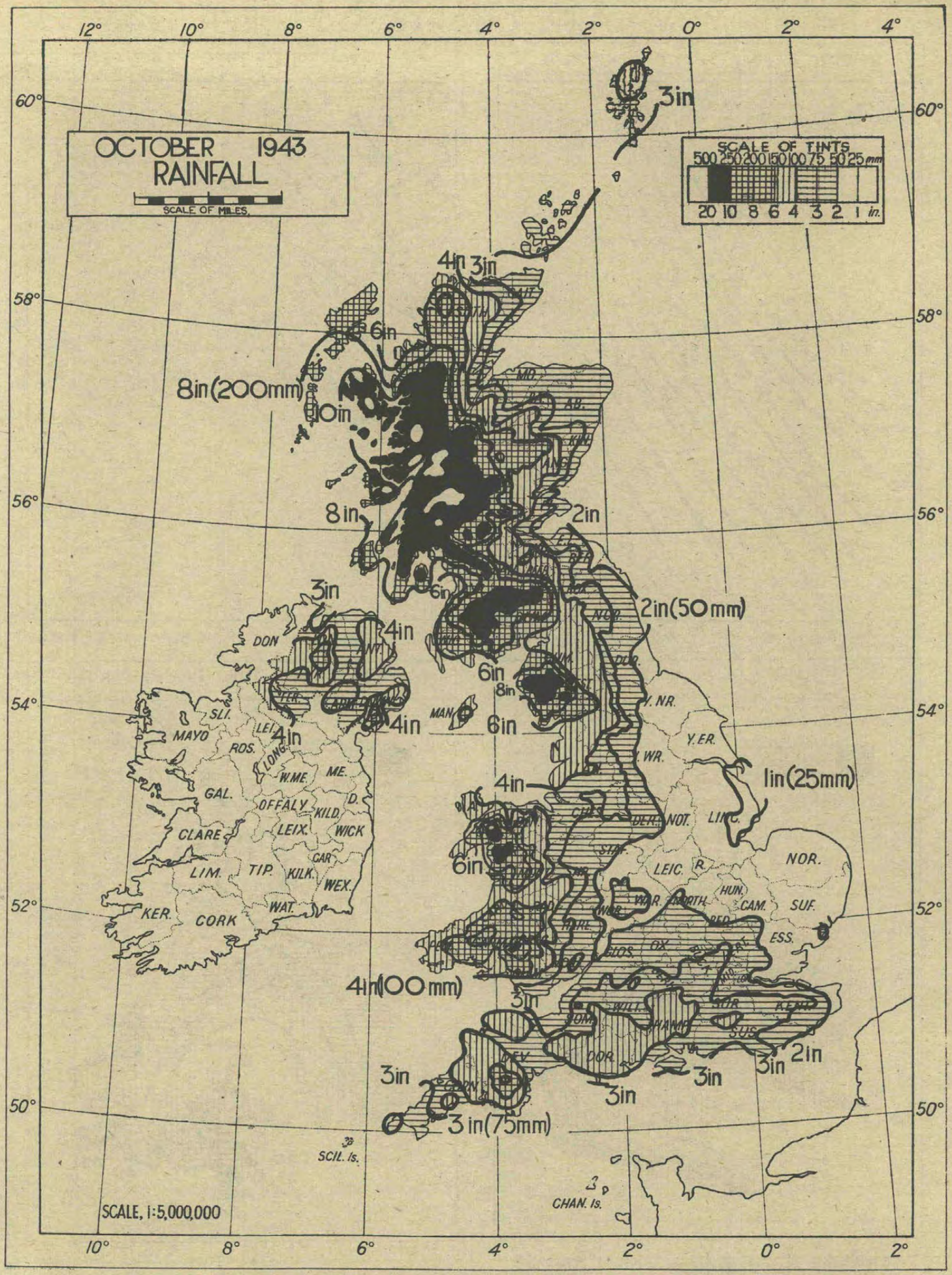
55 54 53 52 51 50 °F

Sea temperatures are shewn by figures in circles, thus : (50)

4 BRIGHT SUNSHINE, HOURS PER DAY

SCALE OF TINTS

40 30 20 hrs



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

TABLE III—Summary of Observations of Temperature, Rainfall, Sunshine and Weather OCTOBER, 1943

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation: Max. Min. Rain	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES FAHRENHEIT: Means of A Max.	Means of B Min.	Mean of A and B	Difference from Average	Absolute Maximum and Minimum: Maximum	Date	Minimum	Date	Earth Temperature 1 ft	Earth Temperature 4 ft	RAINFALL: Total Fall mm	Total Fall in	Percentage of Average	Most in a day: Amount	Most in a day: Date	WEATHER Number of days: Precip'n 0·01in (0·2mm) or more	Precip'n 0·04in (1·0mm) or more	Snow	Snow lying	Hail	Thunderstorm	Fog (Morn'g Obs.)	Ground Frost	Gale	BRIGHT SUNSHINE: Daily Mean	Percentage: of Average	Percentage: of Possible
		G.M.T.	ft	°F	°F	°F	°F	°F		°F		°F	°F	mm	in	%	in											hr	%	%
0 SCOTLAND, N.																														
Shetland	Baltasound ..	9 9 9	31	52·9	46·5	49·7	+3·4	57	9,29	34	5	49·1	–	98	3·87	89	·90	5	25	15	0	0	0	0	0	–	2	1·32	65	13
	Lerwick Obsy. ¶§	9 9 9	269	52·3	46·6	49·5	+4·7	56	27	38	3,5	–	–	80	3·16	80	·94	5	21	16	–	–	1	–	–	3	2	1·63	71	16
	Sumburgh (Links)	18-7 7	19	53·0	48·2	50·6	–	55	1,9,29	40	5	–	–	62	2·43	–	·55	5	19	14	0	0	0	0	0	1	5	1·63	71	16
Orkney	Kirkwall .. ¶§	9 9 9	113	54·1	46·5	50·3	+2·9	59	1,9,29	41	25	48·7	–	88	3·46	88	·66	25	19	16	0	0	1	1	1	0	0	2·15	84	21
Hebrides	Benbecula ..	18-7 7	27	54·2	47·4	50·8	–	57	9,27,29	40	24	–	–	214	8·42	–	·78	3	26	24	0	0	0	1	0	0	2	–	–	–
	Castlebay ..	9 9 9	—	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Stornoway ¶§	18-7 7	12	54·8	46·9	50·9	+3·7	60	9	38	24	–	–	193	7·62	155	1·23	1	28	25	0	0	2	0	1	1	7	1·71	69	17
Skye	Duntuilm ..	9 9 9	294	54·3	47·1	50·7	–	61	9	41	18	–	–	234	9·21	–	·97	17	28	24	0	0	2	0	0	0	6	1·55	–	15
Caithness	Wick	18-7 7	114	55·0	46·5	50·7	+3·9	63	1	37	18	–	–	41	2·17	73	·28	5	17	12	0	0	0	0	0	0	1	–	–	–
Sutherland	Cape Wrath ..	18-7 7	367	54·2	47·7	50·9	–	63	9			–	–	136	5·36	–	1·27	1	23	17	0	0	1	0	1	0	3	–	–	–
Ross & Cromarty	Achnashellach ..	9 9 9	225	55·9	44·4	50·1	+3·9	63	10	35	13	–	–	308	12·14	160	1·98	5	28	23	0	0	0	0	0	–	0	–	–	–
	Fortrose	9 9 9	69	56·4	44·7	50·5	+3·1	67	9	38	18	–	–	74	2·93	–	·65	23	18	12	0	0	0	0	0	–	0	2·21	74	21
	*Invergordon ..	18-7 7	26	56·7	42·6	49·7	–	67	9	33	13,25	–	–	74	2·91	–	·55	23	18	12	0	0	0	0	0	5	0	–	–	–
Inverness	Dalwhinnie ..	18-7 7	1176	51·1	42·0	46·5	–	57	1,9,10	30	13	–	–	242	9·52	–	1·29	3	24	21	0	0	0	0	0	7	0	1·26	–	12S
	Ft. Augustus ¶§	9 9 9	68	56·0	45·0	50·5	+3·2	62	9,12	34	13	–	–	203	8·00	203	1·25	2	26	22	0	0	0	0	1	–	0	1·53	70	15S
	Ft. William ..	9 9 9	34	55·9	46·1	51·0	+3·1	61	1	37	13,14	50·2	51·6	393	15·48	218	3·12	5	26	22	0	0	1	0	0	1	0	0·96	47	9S
	Inverness ¶§	9 9 9	242	55·6	45·0	50·3	+2·6	63	9	37	13	–	–	70	2·77	113	·72	3	15	12	0	0	0	0	0	1	0	2·16	77	21
	Onich	9 9 9	48	56·0	46·3	51·1	–	60	9,10,12	36	13	–	–	377	14·86	243	2·15	5	28	23	0	0	0	0	0	5	0	1·20	63	12S
1 SCOTLAND, E.																														
Nairn	Nairn .. ¶§	9 9 9	20	56·9	45·3	51·1	+3·2	66	1	35	25	–	–	62	2·45	104	·64	23	14	10	0	0	0	0	0	4	0	2·38	79	23
Moray	Forres	9 9 9	155	57·5	44·5	51·0	–	69	9	37	13,25	–	–	69	2·71	–	·98	23	17	12	0	0	0	0	0	6	0	2·61	–	25
	Gordon Castle ..	2121 9	104	57·2	44·0	50·6	+3·0	66	1, 9	38	7,14,25	–	–	56	2·21	70	·84	23	15	9	0	0	0	–	–	0	–	–	–	–
	Lossiemouth ..	18-7 7	21	56·9	44·5	50·7	–	66	1, 9	34	25	–	–	58	2·28	–	·95	23	16	13	0	0	0	0	–	0	–	–	–	–
Banff	Banff	9 9 9	130	55·6	44·8	50·2	+2·9	65	1	36	25	–	–	54	2·12	70	·50	23	17	14	0	0	0	2	0	0	1	3·18	103	31
Aberdeen	Aberdeen ¶§	242424	79	54·6	45·6	50·1	+2·4	62	5	35	25	50·0	51·4	44	1·73	58	·41	23	17	9	0	0	0	1	1	2	0	2·62	86	25
		18-7 –	—	55·3	46·2	50·7	+2·9																							
	Balmoral	9 9 9	927	53·5	40·5	47·0	+2·8	61	1	29	25	–	–	84	3·30	92	·51	19	17	13	0	0	0	0	–	9	0	–	–	–
	Braemar	2121 9	1111	51·8	40·9	46·3	+2·2	59	5	29	25	–	–	124	4·87	130	·90	17	18	14	0	0	0	0	0	4	0	1·55	–	15S
	Craibstone ..	9 9 9	300	54·2	43·6	48·9	+2·8	62	5	33	25	48·7	49·7	57	2·22	68	·62	31	18	8	0	0	0	1	–	3	–	2·92	88	28
	Dyce	18-7 7	241	54·4	43·3	48·9	–	62	5	29	25	–	–	54	2·13	–	·46	31	15	9	0	0	0	0	2	7	0	–	–	–
	Tarland	9 9 9	540	54·6	41·5	48·1	–	65	5	28	25	–	–	59	2·33	–	·56	31	16	10	0	0	0	1	–	–	1	–	–	–
Kincardine	Stonehaven ..	9 9 9	12	55·8	44·0	49·9	–	64	5	32	14,25	–	–	57	2·24	–	·51	23	19	11	0	0	0	1	0	–	0	2·79	–	27
Angus	Arbroath	9 9 9	93	55·2	43·6	49·4	+1·5	62	5	32	25	–	–	69	2·72	104	·59	31	15	11	0	0	0	0	0	3	3	2·80	80	27
	Buddon Ness ..	9 9 9	15	55·4	44·3	49·9	–	61	5	31	25	–	–	69	2·70	–	·53	31	16	11	0	0	0	0	0	–	5	–	–	–
	Dundee .. ¶§	9 9 9	147	56·7	41·8	49·3	+2·0	62	1	32	7	48·8	–	82	3·23	124	·58	31	18	14	0	0	0	0	–	6	0	2·95	94	28
	Kettins	9 9 9	218	55·2	42·5	48·9	+2·8	61	10	31	14	49·2	–	107	4·22	133	·91	17	18	15	0	0	0	0	2	7	6	–	–	–
	Montrose	9 9 9	16	55·5	44·6	50·1	+2·8	–	–	33	15	–	–	63	2·46	–	·55	31	15	12	0	0	0	1	0	–	0	2·67	83	26
	,, (Airfield)	18-7 7	22	55·9	45·1	50·5	–	62	1, 5	35	7,14,25	–	–	60	2·35	–	·60	23	14	14	0	0	1	0	1	4	0	–	–	–
Perth	Errol	18-7 7	31	56·2	42·7	49·5	–	–	–	31	14	–	–	110	4·35	–	1·20	31	17	15	0	0	0	0	1	5	1	–	–	–
	Longforgan ..	9 9 9	166	55·3	42·8	49·1	–	60	1,5,10	35	7	–	50·5	99	3·91	–	·73	31	18	16	0	0	0	0	0	9	1	2·71	–	26
	Perth	9 9 9	76	56·2	43·7	49·9	+2·4	61	5	31	14	–	–	128	5·02	170	1·08	3	18	14	0	0	1	0	–	–	0	2·14	74	21S
Fife	Cupar	9 9 9	210	55·7	44·3	50·0	+2·5	61	5	36	7	–	–	77	3·04	–	·62	31	18	15	0	0	0	0	–	–	0	–	–	–
	Dunfermline ..	9 9 9	237	56·3	45·0	50·7	–	61	5	36	7	51·4	52·7	96	3·78	–	1·03	17	16	15	0	0	0	0	0	1	0	2·58	–	25
	Kirkcaldy ..	9 9 9	137	56·5	43·4	49·9	+1·2	63	10	31	14	–	–	69	2·73	–	·45	17	18	14	0	0	0	0	–	–	0	2·17	–	21
	Leuchars ..	18-7 7	36	56·0	44·6	50·3	+2·7	62	1	35	7	–	–	64	2·51	97	·54	31	17	11	0	0	0	0	0	6	1	3·15	92	30
	Lundin Links ..	9 9 9	40	56·1	45·0	50·5	–	60	5	35	14,25	–	–	59	2·32	–	·71	31	16	13	0	0	0	0	1	–	0	2·65	–	25
	St. Andrews ..	9 9 9	13	56·7	43·6	50·1	+2·5	61	1	36	7	49·2	49·0	63	2·49	88	·65	31	13	11	0	0	0	0	0	0	0	3·04	96	29
Mid Lothian	Balerno	9 9 9	750	54·2	44·1	49·1	–	60	10	37	7,18	–	–	120	4·72	–	1·11	17	18	17	0	0	0	0	1	0	0	2·94	–	28
	Edinburgh—																													
	Blackford H. ¶§	2121 9	441	55·7	45·2	50·5	+2·5	62	1, 5	38	18	–	–	75	2·97	108	·63	31	16	15	0	0	0	0	2	0	3	3·48	108	33
	Botanic Garden	9 9 9	74	57·5	44·3	50·9	–	63	1, 5	32	14	–	–	79	3·13	–	·70	31	14	13	0	0	0	0	1	7	–	2·90	–	28
	Univ. King's B.	9 9 9	225	57·6	45·0	51·3	–	64	5,10,11	37	18	49·1	51·5	77	3·04	–	·71	31	16	15	–	–	–	–	–	–	–	–	–	–
	Boghall	9 9 9	639	54·5	43·8	49·1	+2·8	61	10	34	25	47·8	50·1	99	3·90	–	·75	17	19	16	0	0	0	0	0	4	–	3·01	97	29
	Liberton ..	9 9 9	190	57·4	43·8	50·6	–	64	10,12	35	7	–	–	76	2·98	–	·69	31	16	15	0	0	0	0	–	–	–	–	–	–
E. Lothian	Dunbar	9 9 9	75	56·8	41·4	49·1	–	66	5	34	25	–	–	36	1·42	–	·32	18	14	12	0	0	0	0	0	0	0	3·44	–	33
	N. Berwick ..	9 9 9	118	56·6	44·3	50·5	+2·4	64	1	36	14	–	–	50	1·96	70	·78	31	15	9	0	0	0	0	0	0	0	2·86	98	28
Berwick	Marchmont ¶§	9 9 9	498	55·1	39·7	47·4	+0·6	61	10	32	8,14,25	–	–	57	2·25	59	·39	31	22	15	0	0	0	0	–	–	0	2·37	92	23S
	St. Abb's Head	18-7 7	280	55·2	45·6	50·4	–	62	1,5,12	37	18	–	–	51	2·02	–	·37	23	14	9	0	0	0	0	0	–	0	–	–	–
Peebles	Peebles	9 9 9	—	55·8	42·0	48·9	–	63	1,10	27	14	–	–	125	4·91	–	1·02	20	18	15	0	0	0	0	0	4	0	2·72	–	26
	West Linton ..	9 9 9	820	53·9	41·6	47·7	+2·8	60	10	29	12	43·9	49·8	141	5·53	–	1·00	17	19	15	0	0	0	0	1	11	0	–	–	–
Roxburgh	Kelso (Br'ml'ds)	9 9 9	193	55·3	40·9	48·1	+0·7	61	10	31	8,14	–	–	51	2·01	69	·28	12	20	12	0	0	0	0	2	–	–	–	–	–
	Wolfelee	9 9 9	537	54·4	40·7	47·5	+1·5	61	10	31	7,14	–	–	83	3·25	85	·68	19	18	14	0	0	0	0	0	–	2	–	–	–

¶§, 8 *See* Notes on Tables in Annual Summary.

* Station transferred to Alness, March 24th, 1943.

TABLE III (*continued*)—Summary of Observations of Temperature, Rainfall, Sunshine and Weather OCTOBER, 1943

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation Max. Min. Rain	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES FAHRENHEIT: Means of A Max.	B Min.	Mean of A and B	Difference from Average	Absolute Maximum and Minimum: Maximum	Date	Minimum	Date	Earth Temperature 1 ft	4 ft	RAINFALL: Total Fall mm	in	Percentage of Average	Most in a day: Amount	Date	WEATHER Number of days: Precip'n 0·1 in (0·2 mm) or more	0·4 in (1·0 mm) or more	Snow	Snow lying	Hail	Thunderstorm	Fog (Morn'g Obs.)	Ground Frost	Gale	BRIGHT SUNSHINE: Daily Mean	Percentage of Average	Percentage of Possible
		G.M.T.	ft	°F	°F	°F	°F	°F		°F		°F	°F	mm	in	%	in											hr	%	%
6a SCOTLAND, W.																														
Argyll	Ardtornish ..	2121 9	48																											
	Colonsay ..	9 9 9	87	55·6	46·4	51·0	–	59	7	36	24	–	–	259	10·21	–	1·95	3	28	23	0	0	1	0	–	–	2	–	–	–
	Dunoon (Benmore)	9 9 9	46	56·0	44·9	50·5	–	60	1	36	14,18	51·1	51·4	431	16·99	–	3·32	3	18	18	0	0	0	0	0	7	0	1·24	–	12S
	Dunoon	9 9 9	132	55·3	45·7	50·5	–	59	5	39	18	–	–	369	14·52	–	2·32	26	20	19	0	0	1	1	0	3	–	1·77	–	17
	Glenbranter ..	9 9 9	120	55·2	44·1	49·7	+3·1	59	1,5,12	34	13,14	–	–	533	21·00	–	4·10	3	21	21	0	0	0	0	0	5	–	–	–	–
	Oban	9 9 9	229	54·3	47·2	50·7	–	58	1,6	40	18	–	–	–	–	–	–	–	–	–	0	0	1	1	0	–	0	–	–	–
	Tiree .. ¶§	18–7 7	44	55·6	48·3	51·9	+2·1	58	1,9	39	13	–	–	243	9·55	209	1·22	3	26	24	0	0	0	0	0	0	3	1·85	69	18
Bute	Rothesay ¶§	2121 9	200	55·5	45·9	50·7	+2·2	61	2,3	40	7,13,18	50·7	51·6	238	9·37	212	1·33	10	21	19	0	0	0	2	0	0	6	–	–	–
Dumbarton	Cardross	9 9 9	130	55·5	44·2	49·9	+2·4	60	1,29	36	7	–	–	213	8·38	–	1·06	5	20	19	0	0	0	0	0	–	–	1·85	79	18S
	Helensburgh ..	9 9 9	293	55·2	45·0	50·1	+2·0	59	29	37	18	–	–	255	10·02	216	1·35	5	21	19	0	0	0	0	1	–	0	1·74	73	17
Stirling	Balfron	9 9 9	342	53·7	44·5	49·1	–	57	1,2,5	35	25	–	–	242	9·53	–	1·21	4	22	19	0	0	0	0	0	–	0	–	–	–
	Stirling	9 9 9	151	55·0	45·2	50·1	+2·1	59	1,5,28	37	7,14,25	49·6	51·8	165	6·50	–	1·40	17	18	16	0	0	0	0	2	1	–	1·98	73	19S
Renfrew	Greenock ..	9 9 9	199	55·7	46·8	51·3	+2·9	60	29	40	18	–	–	324	12·74	251	2·15	5	20	18	0	0	0	2	8	0	1	1·91	–	18S
	Paisley	2121 9	106	56·2	46·5	51·3	+2·7	60	10,29	39	18	50·8	52·8	190	7·47	200	1·73	3	20	19	0	0	0	0	1	0	0	2·23	91	21
	Abbotsinch ¶§	18–7 7	19	56·1	46·2	51·1	+3·4	60	1,29	35	14,25	–	–	201	7·92	231	1·90	3	24	18	0	0	1	0	3	5	0	2·41	95	23
Lanark	Carluke ..	9 9 9	534	54·5	44·9	49·7	–	59	29	38	7, 8,18	–	–	128	5·04	–	·70	5	21	17	0	0	0	0	0	0	0	2·24	–	22
	Dungavel ..	9 9 9	798	52·1	41·2	46·7	+1·7	56	1, 5	33	18	–	–	236	9·30	–	1·18	3	20	18	0	0	0	0	0	1	0	–	–	–
	Glasgow, Spr.' Pk.	9 9 9	351	55·0	43·6	49·3	–	59	29	36	14,18	–	–	184	7·26	–	1·81	3	21	19	0	0	0	0	–	6	–	1·77	–	17
Ayr	Auchincruive ..	9 9 9	89	56·8	45·9	51·3	–	60	5, 9,29	36	18	51·5	53·4	143	5·63	–	·87	16	20	17	0	0	0	0	0	5	0	2·55	–	25
	Ayr	9 9 9	43	56·9	46·5	51·7	–	60	1,10,12	40	8,13	–	–	119	4·69	–	·67	17	19	18	0	0	0	0	0	0	0	2·22	–	21
	Colmonell ..	9 9 9	170	56·0	45·6	50·8	+1·4	60	5	34	25	–	–	159	6·26	141	·89	16	21	20	0	0	1	1	0	3	1	–	–	–
	Kilmarnock ..	9 9 9	130	56·6	44·5	50·5	+2·2	61	29	35	7,18	51·7	53·5	184	7·23	–	1·01	3	21	19	0	0	0	0	0	1	1	2·44	96	23
	Prestwick ..	9 9 9	17	56·2	47·6	51·9	–	61	28	39	18	–	–	116	4·56	–	·70	16	18	17	0	0	0	0	0	0	0	2·40	–	23
	Troon	9 9 9	15	56·3	48·0	52·1	–	59	1,10	42	18	–	–	141	5·56	–	·80	16	18	16	0	0	0	0	0	0	0	2·23	–	21
	Turnberry ..	9 9 9	30	56·6	47·7	52·1	+2·4	59	1, 9	39	18	–	–	137	5·40	177	·68	5	19	16	0	0	0	0	0	–	0	2·75	103	26
Dumfries	Dumfries.. ¶§	9 9 9	140	55·9	43·6	49·7	+1·4	61	5	33	14	51·4	52·9	190	7·48	189	1·25	20	22	17	0	0	3	2	2	10	–	2·23	80	21
	Eskdalemuir ¶§	242424	794	53·3	39·8	46·5	+1·8	58	10	26	14	50·2	51·3	254	9·99	185	1·70	5	25	21	0	0	1	2	4	10	1	2·15	80	21
		18–7 –	—	53·2	41·4	47·3	+2·0																							
	Ruthwell.. ..	2121 9	67	56·2	42·5	49·3	+1·4	63	10	30	7	–	–	173	6·79	–	1·15	5	20	16	0	0	0	2	–	–	1	2·40	84	23S
Kirkcudbright	Glenlee	9 9 9	181	55·1	42·9	49·0	–	60	1,5	30	14,25	–	–	265	10·42	–	1·25	5	23	19	0	0	2	1	1	6	0	–	–	–
Wigtown	Newton Stewart	9 9 9	75																											
6b ISLE OF MAN																														
Isle of Man	Douglas	9 9 9	284	55·9	47·7	51·8	+1·7	59	1,5,9	40	14,25	–	–	149	5·88	129	·86	16	20	16	0	0	0	0	0	0	0	3·33	103	32
	Point of Ayre ..	18–7 7	30	57·6	47·8	52·7	–	63	1	38	8,18	–	–			–	·98	17			0	0	0	2	0	–	0	2·85	–	27
2 ENGLAND, N.E.																														
Northum-berland	Berwick-on-T. ..	9 9 9	76	55·3	44·6	49·9	+2·0	62	1,5,12	35	8	–	–	48	1·88	66	·52	22	13	9	0	0	0	0	0	0	2	3·19	91	31
	Bellingham ..	9 9 9	849	53·8	40·5	47·1	+1·6	59	1,10,27	32	8	–	–	89	3·51	90	·62	17	19	15	0	0	0	0	2	–	–	–	–	–
	Cockle Park ¶§	2121 9	325	55·4	42·9	49·1	+1·6	65	1	36	7,8	48·4	50·3	59	2·31	70	·44	22	23	13	0	0	1	0	0	6	0	2·64	84	25
	Ouston	18–7 7	426	55·3	42·7	49·0	–	64	5	31	14	–	–	72	2·84	–	·50	11	20	14	0	0	0	0	1	(2)	1	–	–	–
	Tynemouth ..	18–7 7	108	56·2	47·4	51·8	+1·9	65	5	39	25	–	–	53	2·10	70	·64	22	16	8	0	0	0	0	3	0	4	2·84	–	27
Durham	Chopwellwood ..	9 9 9	446	56·2	42·9	49·5	+2·4	64	5	34	14	–	–	53	2·09	63	·44	12	19	10	0	0	0	1	8	2	–	3·46	112	33
	Durham .. ¶§	2121 9	336	56·5	41·1	48·8	+1·1	63	1,11	30	14	–	–	42	1·67	53	·30	22	17	11	0	0	1	0	4	6	–	2·83	95	27
	Houghall.. ..	9 9 9	160	56·7	41·2	48·9	+1·2	62	1,11	29	14,25	–	–	44	1·74	–	·36	22	13	12	0	0	0	0	0	10	0	2·75	85	26
	Ushaw College ..	9 9 9	594	55·4	42·2	48·8	+1·1	63	1	35	14,15	–	–	46	1·80	52	·40	22	15	13	0	0	0	0	4	–	–	–	–	–
Yorks., N. Riding	Ampleforth ..	9 9 9	313	55·7	43·3	49·5	+1·1	64	1	33	25	–	–	41	1·61	–	·41	17	10	7	0	0	0	2	11		–	2·73	–	26
	Castleton ..	9 9 9	450	56·5	42·3	49·4	–	65	1	28	8,25	50·4	–	38	1·50	–	·38	19	10	8	0	0	0	0	0	–	–	–	–	–
	**Catterick.. ..	18–7 7	175	55·6	43·0	49·3	–	65	1	32	8,25	–	–	62	2·44	–	·54	17	17	8	0	0	0	0	15	6	0	2·46	–	23
	Linton-on-Ouse ..	18–7 7	46	58·1	44·0	51·1	–	65	1	31	25	–	–	33	1·29	–	·42	17	11	4	0	0	0	0	13	0	0	–	–	–
	Redcar	9 9 9	25	58·7	45·8	52·3	–	65	1	36	8,14,25	–	–	36	1·43	–	·48	22	9	8	–	–	–	–	2	–	–	3·11	–	30
	Scarborough †¶§	9 9 9	118	57·4	47·1	52·3	+1·4	65	1	40	25	–	53·7	33	1·30	42	·39	22	10	7	0	0	0	0	3	–	–	3·47	107	33
	Thornaby ..	18–7 7	60	58·5	44·7	51·6	–	65	1	33	8,25	–	–	39	1·54	–	·38	22	11	8	0	0	0	0	7	6	1	–	–	–
	Whitby	9 9 9	130	57·6	44·8	51·2	–	66	1	34	25	–	–	29	1·14	–	·30	17	8	7	0	–	0	0	0	7	–	3·65	113	35
	York .. ¶§	9 9 9	57	57·4	44·1	50·7	+1·0	65	1,5	34	18,26	51·2	53·2	39	1·54	57	·42	17	13	6	0	0	0	0	–	–	–	2·74	96	26
Yorks., E. Riding	Bridlington ..	2121 9	76	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Driffield ..	18–7 7	65	57·8	44·3	51·1	–	66	1	33	8,18,26	–	–	37	1·44	–	·35	17	10	7	0	0	0	1	10	6	0	–	–	–
	Hull	2121 9	8	58·2	46·5	52·3	+2·3	67	1	34	8	51·2	53·9	31	1·23	41	·23	17	14	8	0	0	1	2	8	2	–	3·07	93	29
	Spurn Head ..	18–7 7	29	56·9	48·6	52·7	+1·4	65	1	43	3,26,27	–	–	21	·82	30	·31	17	12	6	0	0	0	0	4	–	0	3·87	107	37
Lincoln	Boston—																													
	(Freiston Road)	2121 9	16	58·6	45·0	51·8	–	66	1	31	8	–	–	23	·90	–	·23	22	16	7	0	0	0	1	7	1	–	–	–	–
	(North Sea Camp)	18–7 7	10	58·8	44·7	51·7	–	66	1	32	8	–	–	27	1·05	–	·21	24	18	8	0	0	0	1	11	–	–	3·64	–	34
	Cranwell .. ¶§	18–7 7	203	58·0	42·6	50·3	+0·8	65	1	31	8	52·2	53·9	38	1·51	53	·35	22	13	8	0	0	0	1	10	7	0	3·53	96	33
	Cleethorpes ..	9 9 9	23	58·5	45·5	52·0	+1·7	67	1	33	26	–	–	23	·90	–	·23	19	11	7	0	0	0	0	3	–	–	4·02	120	38
	Skegness ..	9 9 9	15	57·4	46·3	51·9	+1·8	65	1	37	24,25	–	–	22	·85	31	·16	17	12	7	0	0	0	0	7	–	–	3·76	102	36

† At Scarborough the earth thermometer is at a depth of 3 ft. ¶§, S *See* Notes on Tables in Annual Summary. ** At Scorton from March 9th.

TABLE III (*continued*)—Summary of Observations of Temperature, Rainfall, Sunshine and Weather OCTOBER, 1943

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation Max. Min. Rain	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES FAHRENHEIT: Means of A Max.	B Min.	Mean of A and B	Difference from Average	Absolute Maximum and Minimum: Maximum	Date	Minimum	Date	Earth Temperature 1 ft	4 ft	RAINFALL: Total Fall mm	in	Percentage of Average	Most in a day: Amount	Date	WEATHER Number of days: Precip's ·01 in (0·2 mm) or more	·04 in (1·0 mm) or more	Snow	Snow lying	Hail	Thunderstorm	Fog (Morn'g Obs.)	Ground Frost	Gale	BRIGHT SUNSHINE: Daily Mean	Percentage of Average	Percentage of Possible
		G.M.T.	ft	°F	°F	°F	°F	°F		°F		°F	°F	mm	in	%	in											hr	%	%
3 ENGLAND, E.																														
Norfolk	Cromer	9 9 9	178	60·6	47·0	53·8	+2·6	70	10	40	3	–	–	37	1·44	52	·56	22	13	7	0	0	0	0	4	0	0	3·84	104	36
	Hunstanton ..	9 9 9	100	59·3	44·9	52·1	+1·1	65	1	38	3,24,29	–	–	36	1·42	–	·29	19	15	8	0	0	0	0	6	–	–	3·56	97	32
	Norwich	9 9 9	110	60·4	45·0	52·7	+2·2	69	10	34	8	51·3	–	38	1·49	–	·33	21	11	7	0	0	0	2	–	5	–	3·17	87	30
	Sprowston ..	9 9 9	93	60·0	44·8	52·4	+2·2	67	10	33	8	–	–	39	1·52	–	·49	21	8	6	0	0	0	1	–	4	–	3·37	91	32
	Terrington ..	9 9 9	13	59·3	43·1	51·2	–	65	9	32	8	–	–	32	1·26	–	·34	19	14	8	0	0	0	0	9	1	–	3·43	–	32
	Yarmouth ¶§	18–7 7	5	59·5	49·9	54·7	+2·9	69	3	38	28	55·0	56·2	35	1·36	46	·51	21	8	7	0	0	0	1	4	0	0	3·42	90	32
Suffolk	Bungay (Flix'n)..	9 9 9	79	59·3	45·1	52·2	+1·7	66	10	35	24	–	–	36	1·42	–	·40	21	8	8	0	0	0	0	5	1	–	–	–	–
	Felixstowe Airfield	18–7 7	10	60·3	49·3	54·8	+2·5	68	1	41	25	–	–	40	1·58	69	·83	21	11	7	0	0	0	0	4	0	0	3·35	83	32
	Ipswich, Belstead	9 9 9	125	59·5	46·0	52·7	–	65	1,10	35	24	54·2	56·0	31	1·22	–	·42	21	9	7	0	0	0	0	4	2	1	2·98	–	28
	Lowestoft ..	9 9 9	82	59·7	48·2	53·9	+2·0	65	1	38	28	53·8	55·1	36	1·40	50	·62	21	10	7	0	0	0	1	6	0	0	3·21	85	30
	Mildenhall ..	18–7 7	15	60·6	45·2	52·9	–	69	10	30	8	–	–	41	1·62	–	·43	20	11	7	0	0	0	1	11	1	0	3·33	–	31
	Santon Downham	9 9 9	24	59·9	41·7	50·8	–	69	10	28	8	51·9	53·5	44	1·74	–	·52	22	12	9	0	0	0	0	9	11	–	–	–	–
	Stradishall ..	18–7 7	382	58·7	45·5	52·1	–	66	10	37	26	–	–	37	1·46	–	·50	22	8	8	0	0	0	1	12	1	0	–	–	–
Cambridge	Cambridge Gdns¶§	2121 9	41	59·6	44·4	52·0	+1·7	66	1,10	30	8	53·4	56·0	41	1·63	69	·58	20	11	8	0	0	0	1	7	7	0	3·15	90	30
Bedford	Dunstable ..	18–7 7	516	58·1	44·9	51·5	–	63	9	36	26,27	52·1	53·9	63	2·48	–	·54	19	13	11	0	0	0	2	9	6	0	3·17	–	30
	Luton	9 9 9	381	58·4	44·8	51·6	+2·1	64	11	35	25	53·2	55·5	62	2·43	–	·85	20	16	9	–	–	–	–	8	7	–	3·03	86	29
	Woburn	9 9 9	291	57·9	43·4	50·7	+1·3	64	9	31	8	50·9	53·8	57	2·25	84	·56	19	13	10	0	0	0	1	5	1	–	3·42	99	32
Hertford	Rothamsted ¶§	9 9 9	420	57·3	44·5	50·9	+1·6	62	1,9,11	34	24	51.8	–	82	3·22	104	·35	22	18	10	0	0	0	1	7	0	1	3·06	91	29
	St. Albans ..	9 9 9	272	58·1	43·7	50·9	+1·4	64	1	33	3	53·0	–	80	3·15	109	1·16	20	14	10	–	–	0	1	10	4	–	–	–	–
Essex	Dovercourt ..	9 9 9	47	60·2	48·6	54·4	+2·9	67	1	41	25	–	–	51	2·02	–	1·01	21	8	8	0	–	0	0	5	–	–	3·07	–	29
	Earls Colne ..	9 9 9	160	59·8	45·5	52·7	+1·9	67	10,16	34	16	53·4	56·2	40	1·58	–	·41	21	8	8	0	0	0	2	–	0	–	–	–	–
	Halstead ..	9 9 9	140	60·2	45·0	52·6	+1·9	67	10	33	16	–	–	39	1·55	–	·37	22	11	8	0	0	0	2	7	–	–	–	–	–
	Maldon	9 9 9	14	60·9	45·4	53·1	–	68	1	33	3	–	–	38	1·49	–	·49	21	9	8	0	–	0	1	3	–	–	3·00	–	28S
	Shoeburyness ¶§	18–7 7	11	59·6	48·3	53·9	+2·2	69	1	39	25	–	–	49	1·91	81	·87	21	9	7	0	0	0	0	5	0	0	3·19	80	30
	Walton-on-Naze	9 9 9	35	60·0	48·5	54·3	+2·6	66	1	39	25	–	–	48	1·88	–	·84	21	11	9	–	–	–	–	5	0	–	3·03	82	29
	Writtle	9 9 9	105	59·6	44·1	51·9	–	67	10	32	3	–	–	45	1·75	–	·45	21	11	9	0	0	0	1	–	8	–	–	–	–
4 MIDLAND COUNTIES																														
Yorks., W. Riding	Askham Bryan	9 9 9	90	57·0	42·0	49·5	–	65	1,11	32	8	–	–	39	1·52	–	·42	17	9	6	0	0	0	0	7	0	–	2·52	–	24
	Bingley	9 9 9	610	56·4	42·1	49·3	–	63	1,2	32	26	–	–	61	2·41	–	·44	31	19	10	0	0	0	0	13	7	–	–	–	–
	Bradford ..	9 9 9	439	55·8	42·9	49·3	+0·8	63	1,9	32	26	49·5	53·3	52	2·04	56	·44	31	17	9	0	0	–	–	13	6	–	2·02	81	19
	Doncaster ..	9 9 9	25	57·9	41·1	49·5	–	65	1	27	8	–	–	38	1·50	–	·35	18	11	8	0	0	0	1	14	–	–	2·49	–	24
	Finningley ..	18–7 7	39	58·1	44·3	51·2	–	65	1	30	8	–	–	40	1·57	–	·46	17	11	7	0	0	0	1	15	–	0	–	–	–
	Harrogate ¶§	9 9 9	478	55·8	43·5	49·7	+1·8	62	9	34	18,26	50·1	51·8	39	1·55	45	·26	22	14	8	0	0	0	0	13	5	0	2·56	86	24
	Huddersfield ..	2121 9	325	57·4	42·2	49·8	+1·0	65	1	31	26	50·7	53·6	46	1·82	54			12	8	0	0	0	–	13	20	–	2·95	120	28
	„ (Oakes)	9 9 9	761	55·9	43·7	49·8	+1·9	63	1,9	37	8	50·1	51·9	58	2·30	60	·48	31	18	11	0	0	0	0	6	9	1	–	–	–
	Ilkley	9 9 9	315	57·3	41·3	49·3	+1·2	64	9	30	26	–	–	81	2·78	–	·46	6	15	12	0	0	0	0	8	3	–	2·59	95	25
	Meltham	9 9 9	585	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Pontefract ..	9 9 9	255	56·0	43·5	49·7	+0·7	63	1	29	26	–	–	33	1·32	50	·28	31	11	9	–	–	–	–	13	3	–	2·55	–	24
	Rotherham ..	7 7 7	284	57·4	42·2	49·8	–	64	1,5	30	8	49·7	–	36	1·40	–	·36	17	13	6	0	0	0	0	9	3	–	2·88	–	27
	Sheffield	9 9 9	428	57·2	45·9	51·5	+1·8	64	1	37	18	50·7	52·9	48	1·90	59	·38	16	13	10	0	0	0	0	–	3	0	2·79	99	26
	Wakefield ..	9 9 9	115	58·2	42·6	50·4	+0·5	65	1,5	31	26	50·5	52·8	39	1·55	54	·44	31	14	10	0	0	0	0	11	5	–	2·01	85	19S
Derby	Belper (School) ..	9 9 9	198	57·8	43·6	50·7	+2·3	62	1,9,11	31	26	–	–	53	2·09	66	·41	16	15	9	0	0	0	0	–	–	–	–	–	–
	Buxton ..	9 9 9	1007	53·8	42·6	48·2	+1·7	60	1,9	31	8,26	49·2	50·9	72	2·83	58	·41	16	16	13	0	0	0	0	7	3	–	2·50	96	24S
Nottingham	Mansfield ..	9 9 9	357	57·2	44·6	50·9	+2·3	63	1,9	32	8	–	–	38	1·49	49	·34	22	11	9	0	0	0	0	12	–	–	–	–	–
	Nottingham ¶§	9 9 9	192	58·5	44·5	51·5	+1·8	65	9	32	26	51·7	54·7	47	1·87	74	·27	22	12	10	–	–	–	–	15	1	–	3·33	116	31
	Sutton Bonington	9 9 9	157					64	9	29	8	51·8	–	55	2·15	93	·54	19	10	9	0	0	0	0	–		–	3·32	104	31
Leicester	Leicester ..	9 9 9	325	58·5	43·4	50·9	–	65	9	29	8	52·0	54·0	47	1·84	–	·45	22	10	10	0	0	0	0	4	2	–	3·09	–	29
Northampton	Oundle	9 9 9	147	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Peterborough ..	9 9 9	46	58·6	44·5	51·5	–	64	1	35	8	–	–	23	·92	–	·15	19	16	8	0	–	0	0	–	–	–	–	–	–
	Raunds	9 9 9	193	58·5	42·8	50·7	–	65	1	30	8	52·4	55·0	43	1·68	–	·27	19,20	17	11	0	0	0	0	9	4	0	3·06	–	29
Warwick	Birmingham ¶§	18–7 7	535	57·0	45·9	51·5	+2·2	64	9	39	8,18,26	50·8	52·8	47	1·83	66	·45	19	15	10	0	0	0	0	7	4	0	3·07	104	29
	„ Sparkhill	7 7 7	425	58·7	41·5	50·1	+0·7	67	9	31	26	–	–	57	2·23	76	·74	19	14	11	0	0	0	0	12	14	–	–	–	–
	Coventry	9 9 9	241	58·3	42·7	50·5	–	65	9	29	8	52·1	56·7	50	1·96	71	·46	22	13	9	0	0	1	1	7	–	–	2·81	97	26S
	Honiley	18–7 7	427	57·5	43·3	50·4	–	64	9	30	8	–	–	55	2·17	–	·62	19	12	11	0	0	0	0	14	2	0	–	–	–
	Leamington Spa	9 9 9	163	58·4	44·0	51·2	+1·7	65	9	32	8	52·1	56·	44	1·73	–	·48	22	13	10	0	0	0	0	10	7	–	2·90	95	27
	Rugby	2121 9	390	58·5	42·5	50·5	+1·4	66	9	32	26	–	–	34	1·34	47	·30	19	14	11	0	–	0	0	–	15	–	–	–	–
	Shipston on Stour	9 9 9	364	57·6	43·9	50·7	–	64	9	30	26	–	–	49	1·94	–	·55	22	12	9	0	0	0	0	5	–	–	3·32	–	31
	Stratford on Avon	9 9 9	153	59·1	42·7	50·9	–	66	9	30	8	–	–	56	2·19	–	·53	19	15	10	0	0	0	0	4	9	–	3·09	–	29
Oxford	Oxford .. .. ¶§	9 9 9	208	59·0	44·3	51·7	+1·2	64	9	34	26	52·6	55·4	62	2·43	84	·68	22	18	11	0	0	1	1	9	8	0	2·74	82	26
	Upper Heyford ..	18–7 7	408	57·4	44·0	50·7	–	64	9	32	26	–	–	56	2·21	–	·48	22	13	10	0	0	0	1	12	2	0	–	–	–
Stafford	Market Drayton	9 9 9	581	56·3	43·6	49·9	–	63	1	35	14	–	–	68	2·66	–	·64	19	16	10	0	0	0	1	4	3	–	3·27	–	31
	Mayfield	9 9 9	374	56·6	41·6	49·1	+1·8	62	1	28	26	–	–	51	2·00	59	·41	16	17	11	0	0	0	0	–	6	0	2·44	87	23S
	Oaken	7 7 7	409	57·2	41·0	49·1	–	63	10	29	26	51·6	–	46	1·81	–	·30	31	13	12	0	0	0	0	11	14	–	–	–	–
	Walsall	9 9 9	455	57·7	42·8	50·3	–	63	1,9,10	31	26	–	–	48	1·88	–	·37	19	14	12	0	0	0	0	12	7	0	–	–	–
Shropshire	Newport	9 9 9	211	57·5	42·6	50·1	–	63	1,10	31	8,26	–	–	70	2·76	104	·57	31	16	13	0	0	0	0	2	5	–	3·38	–	32
	Oswestry ..	9 9 9	570	56·2	44·0	50·1	–	62	10	30	8	–	–	86	3·39	–	·71	31	17	13	0	0	0	0	7	8	1	3·23	–	31
	Shrewsbury ..	9 9 9	184	58·3	43·2	50·7	+1·2	64	10	30	26	53·0	56·2	63	2·46	–	·60	31	14	12	0	0	0	0	2	6	0	3·07	–	29
	Tern Hill ..	18–7 7	270	57·2	44·8	51·0	–	64	10	32	26	–	–	44	1·72	–	·48	19	13	10	0	0	0	0	6	4	0	–	–	–

¶§, S *See* Notes on Tables in Annual Summary.

TABLE III (*continued*)—Summary of Observations of Temperature, Rainfall, Sunshine and Weather OCTOBER, 1943

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation Max. Min. Rain	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES FAHRENHEIT: Means of A Max.	B Min.	Mean of A and B	Difference from Average	Absolute Maximum and Minimum: Maximum	Date	Minimum	Date	EARTH TEMPERATURE: 1 ft	4 ft	RAINFALL: Total Fall		Percentage of Average	Most in a day: Amount	Date	WEATHER Number of days: Precip'n ·01 in (0·2 mm) or more	Precip'n ·04 in (1·0 mm) or more	Snow	Snow lying	Hail	Thunderstorm	Fog (Morn'g Obs.)	Ground Frost	Gale	BRIGHT SUNSHINE: Daily Mean	Percentage of Average	Percentage of Possible
		G.M.T.	ft	°F	°F	°F	°F	°F		°F		°F	°F	mm	in	%	in											hr	%	%
4 MID COUNTIES—*cont.*																														
Worcester	Droitwich ..	9 9 9	106	59·1	41·6	50·3	–	65	4, 9,10	28	3, 8	–	–	53	2·07	–	·38	31	13	10	0	0	0	0	3	–	–	3·31	–	31
	Malvern	9 9 9	380	57·6	44·5	51·1	+1·0	63	9	31	26	51·0	54·0	55	2·16	72	·56	19	13	9	0	0	0	2	3	1	–	3·74	112	35
	Prestwood ..	9 9 9	260	59·2	42·8	51·0	–	65	1,9	31	8,26	–	–	42	1·66	–	·39	19	11	9	0	0	0	0	5	5	–	–	–	–
	Worcester, P'well	9 9 9	94	59·7	41·7	50·7	+1·3	67	9	29	8	–	–	41	1·60	–	·39	31	13	8	0	0	0	0	–	12	–	3·14	–	30
Hereford	Hereford ..	9 9 9	292	59·0	42·2	50·6	+1·4	64	10	29	26	–	–	70	2·77	90	·72	16	11	9	–	–	–	–	0	1	–	–	–	–
	Ross-on-Wye ¶§	18–7 7	223	59·4	44·4	51·9	+1·4	66	10	30	26	53·1	55·1	49	1·95	59	·71	19	13	8	0	0	0	2	7	6	0	3·55	111	33
Gloucester	Cheltenham ..	2121 9	214	60·0	44·2	52·1	+1·7	70	10	31	26	52·7	57·1	51	1·99	73	·73	19	11	9	0	0	0	0	4	3	0	3·30	97	31
	Frampton Cotterell	9 9 9	158	59·8	42·4	51·1	–	66	10	31	26	54·2	55·5	64	2·52	–	·57	31	15	12	0	0	0	1	5	11	–	–	–	–
	Parkend	9 9 9	325	58·4	41·9	50·1	–	63	9,10	30	26	51·6	54·3	60	2·37	–	·60	31	14	6	0	0	0	1	0	8	0	3·29	–	31
	Stonehouse ..	9 9 9	150	60·4	43·2	51·8	–	67	9	29	26	–	–	52	2·06	–	·66	19	12	8	0	0	0	0	6	3	–	–	–	–
5 ENGLAND, S.E.																														
London	City, Bunhill Row	—	—																									2·13	85	20
	Camden Square ..	9 9 9	110	60·3	48·3	54·3	+2·4	65	1	41	3	53·3	55·6	58	2·27	86	·62	22	14	11	–	–	0	0	–	0	–	–	–	–
	East Ham ..	9 9 9	15	60·4	48·1	54·3	+2·8	65	1,10	39	24	–	–	49	1·95	80	·42	3,22	12	10	–	–	–	–	–	–	–	–	–	–
	Enfield	9 9 9	87	58·9	46·6	52·7	+2·6	64	1	35	3	–	55·5	59	2·32	86	·41	22	14	12	0	0	0	0	(4)	(1)	–	2·30	71	22
	Greenwich ..	2424 9	149	60·3	46·4	53·3	+2·0	66	10	37	3	54·5	55·8	61	2·39	95	·43	22	14	10	0	0	0	1	8	7	0	3·12	97	29
		21 9 –	—	60·2	47·5	53·9																						2·47	–	23
	Hampstead ..	9 9 9	450	58·5	45·5	52·0	+2·3	63	1,2	38	3	–	–	61	2·41	–	·48	22	14	11	0	–	1	2	–	1	0	2·83	86	26
	Kensington ..	18–9 9	80	60·3	48·2	54·3	+2·0	65	1,2	40	3,26	54·5	56·4	60	2·36	91	·59	22	13	11	0	0	0	0	–	1	0	–	–	–
	Kingsway ..	—	—																											
	Regent's Park ..	9 9 9	129	60·2	48·2	54·2	–	64	1,9,11	41	3,24	–	–	56	2·21	–	·59	22	14	11	0	0	0	0	9	2	–	2·52	97	24
	Kew ¶§	242424	18	58·5	46·6	52·5	+1·5	63	10	38	3	54·0	55·9	64	2·52	93	·80	19	14	10	0	0	0	1	8	7	0	2·25	73	21
	Observatory ..	18–7 –	—	58·3	47·4	52·9	+1·3																							
	Southgate ..	9 9 9	221	59·3	46·3	52·8	–	65	2	36	3	54·3	–	57	2·25	–	·41	22	18	11	0	0	0	0	7	3	–	2·51	–	22
	Tottenham ††¶§	2121 9	54	59·8	48·4	54·1	+2·3	65	1	40	26	–	58·6	56	2·22	88	·65	22	14	11	–	–	0	0	–	0	–	(2·55)	(86)	(24)
	Wealdstone ..	9 9 9	204	59·5	45·5	52·5	–	65	2	35	3	–	–	72	2·82	97	·62	20	14	11	0	0	0	2	8	1	0	3·00	–	28
	Westminster ..	9 9 9	27	60·6	49·2	54·9	+2·4	65	2,10,11	41	3	–	–	64	2·54	105	·77	22	13	11	0	–	0	1	–	0	–	2·40)	(86)	(22)
Surrey	Addington ..	9 9 9	473	58·0	46·2	52·1	+1·8	64	1,10	36	3	–	–	75	2·95	–	·65	21	18	10	–	–	–	–	8	–	–	–	–	–
	Croydon	18–7 7	217	59·5	47·6	53·5	+2·4	64	1	38	3	–	–	73	2·90	96	·70	21	17	10	0	0	0	2	10	0	0	2·99	89	28
	Farnham ..	9 9 9	260	60·5	43·3	51·9	–	(65)	(10)	31	3	–	–	80	3·15	–	·75	19	14	11	0	0	0	1	–	1	–	–	–	–
	Milford	9 9 9	180	60·7	42·3	51·5	–	66	11	27	3	–	–	80	3·16	–	·67	19	18	10	0	0	0	1	10	1	–	3·34	–	31
	Wisley	9 9 9	150	59·7	44·6	52·1	+1·4	65	1	34	16	53·8	55·7	63	2·48	79	·48	22	18	9	0	0	0	1	10	12	0	2·54	79	24S
Kent	Bromley	9 9 9	213	61·7	46·3	54·0	–	69	10	33	3	–	–	71	2·80	103	·73	21	13	10	0	0	0	0	6	0	–	–	–	–
	Canterbury ..	9 9 9	135	60·2	47·2	53·7	+2·6	69	1	34	3	54·6	55·2	55	2·16	–	·52	21	11	8	–	–	–	–	4	–	–	–	–	–
	Deal	9 9 9	18	60·5	49·8	55·1	+2·8	69	1	40	3,24	55·5	56·7	36	1·40	–	·41	19	12	8	0	0	0	0	6	2	–	3·03	79	28
	Dover	5 5 5	200	60·0	45·9	52·9	+0·7	67	1	34	3	–	–	43	1·68	43	·41	21	11	8	0	0	0	0	–	–	–	–	–	–
	Dungeness ..	18–7 7	20	60·3	49·8	55·1	+2·2	67	1	35	3	–	–	42	1·67	47	·64	21	10	9	0	0	0	0	1	–	1	–	–	–
	East Malling ..	9 9 9	132	59·9	44·7	52·3	+2·4	68	1	32	3	–	–	74	2·91	–	·92	21	13	11	0	0	0	0	6	1	0	2·90	87	27
	Goudhurst ..	9 9 9	290	60·3	44·5	52·4	–	67	1	32	3	–	–	82	3·24	–	·79	21	17	10	0	0	0	0	4	7	–	–	–	–
	**Lympne ..	18–7 7	341		48·7					39	3	–	–	53	2·10	54	·58	19	13	9	0	0	1	0	5	0	0	3·24	85	30
	Manston	18–7 7	154	59·1	49·7	54·4	–	67	1	41	3,4	–	–	26	1·02	–	·36	21	7	6	0	0	0	0	5	0	0	2·92	–	27
	Ramsgate ..	9 9 9	80	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0	0	0	0	5	–	–	3·12	81	29
	Tunbridge W. ..	9 9 9	351	59·7	45·1	52·4	+2·0	67	10	33	3	52·7	55·7	85	3·33	–	1·01	21	15	11	0	0	0	0	4	0	0	3·49	97	33
	Whitstable ..	9 9 9	9	59·7	46·8	53·3	–	70	1	34	3	–	–	43	1·69	–	·56	21	9	7	0	0	0	0	5	–	–	2·69	–	25
	Wye	9 9 9	164	59·5	46·9	53·2	+3·1	68	1,10	34	24	–	–	53	2·10	–	·49	19	11	9	0	0	0	0	–	0	–	2·62	76	25
	Margate	9 9 9	51	59·8	51·5	55·7	+2·6	69	1	43	3	56·2	58·0	28	1·10	38	·41	21	9	8	0	0	0	0	2	0	0	3·04	79	28
Sussex	Beachy Head ..	18–7 7	502	57·9	50·8	54·3	+3·0	64	1	45	3	–	–	79	3·12	–	·85	21	15	11	0	0	0	0	5	–	–	–	–	–
	Bexhill	9 9 9	12	59·6	50·7	55·1	+3·0	65	1	40	3	57·8	–	59	2·30	–	·56	19	13	9	0	0	0	0	0	0	–	–	–	–
	Bodiam	9 9 9	71	60·4	45·3	52·9	–	70	1	32	3	–	–	63	2·47	–	·53	19	9	9	0	0	0	0	7	7	–	2·76	–	26
	Bognor	9 9 9	24	59·8	48·7	54·3	+1·6	63	2,8	38	3	–	57·6	85	3·34	–	·98	22	12	11	0	0	0	0	2	–	–	3·89	99	36
	Hastings ¶§	2121 9	149	60·4	50·3	55·3	+2·8	67	1	41	3,24	56·4	58·1	48	1·90	50	·44	21	13	8	0	0	0	0	1	0	1	3·29	82	31
	Horsham	9 9 9	350	61·5	43·4	52·5	–	68	1,10	29	3	51·9	–	100	3·95	–	·82	21	16	13	0	0	0	0	6	3	–	–	–	–
	Littlehampton ..	9 9 9	15	60·4	48·5	54·5	+3·0	65	2	35	3	–	56·9	78	3·07	–	1·21	22	14	12	0	0	0	1	1	–	–	3·93	98	37
	Patcham ..	9 9 9	200	60·4	57·1	53·7	–	65	1,8,9	33	3	55·5	–	88	3·46	–	·62	21	14	12	0	0	0	0	–	1	1	–	–	–
	Seaford	9 9 9	45	60·3	49·2	54·7	–	65	1	37	3	–	–								0	0	0	0	6	–	–	–	–	–
	Thorney Is. ..	18–7 7	10	61·5	47·1	54·3	–	67	2,11	34	3	–	–	91	3·58	–	·70	19	15	12	0	0	0	1	4	1	1	–	–	–
	Worthing ..	9 9 9	25	60·6	49·8	55·2	+2·7	65	1,2	39	3	55·2	56·2	62	2·45	68	·54	22	12	12	0	0	0	0	0	0	–	3·98	100	37
Berkshire	Reading .. †	9 9 9	152	59·7	45·1	52·4	+1·8	65	9	36	3	52·9	54·9	97	3·81	–	1·17	20	14	12	0	0	0	2	–	1	–	3·20	–	30
	Shinfield ..	9 9 9	200	60·0	44·0	52·0	+1·7	65	1,9	34	3	–	–	90	3·56	–	1·28	20	14	10	0	0	0	1	–	3	–	–	–	–
Hampshire	Bournemouth ..	9 9 9	139	60·7	46·9	53·8	+2·0	67	11	36	27	53·7	56·0	106	4·16	97	1·02	22	16	12	0	0	0	0	1	–	–	4·39	117	41
	Bramley	9 9 9	196	60·3	42·5	51·4	–	65	1,16	30	3	53·5	56·9				1·35	20	13	10	0	0	0	2	12	5	–	–	–	–
	Leckford ..	9 9 9	385	58·8	44·7	51·7	–	64	11	32	27	52·0	–	113	4·46	–	1·16	22	19	11	0	0	0	0	5	–	–	3·94	–	37
	Long Sutton ..	9 9 9	479	60·7	43·4	52·1	+2·2	66	1	32	27	54·1	–	111	4·36	–	1·08	20	12	12	0	0	0	0	9	1	–	3·58	107	33
	Portsmouth ..	9 9 9	15	61·1	48·8	54·9	+1·8	65	2,10,11	41	3	54·8	57·1	57	2·27	61	·52	19	13	11	0	0	0	0	0	0	–	3·85	98	36
	Southampton ¶§	2121 9	64	61·5	46·3	53·9	+2·0	67	10,11	35	3	–	–	93	3·68	94	·84	22	14	11	0	0	0	2	4	0	0	4·26	122	40
	S. Farnboro' ..	18–7 7	226	60·3	44·7	52·5	+1·9	65	1,10	32	3	–	–	80	3·15	98	·70	19	15	11	0	0	0	1	13	6	0	3·41	96	32
I. of Wight	*Newport	9 9 9	48	60·9	46·1	53·5	–	64	11	35	15,27	–	–	95	3·72	–	·75	22	13	13	0	0	0	0	–	0	–	–	–	–
	Ryde	9 9 9	13	60·8	48·7	54·7	+2·0	64	1,10,11	40	15	–	–	84	3·30	–	·76	19	13	12	0	0	0	0	3	–	0	4·39	116	41
	St. Catherine's Pt.	18–7 7	150	60·3	50·4	55·3	–	66	10	43	3	–	–	67	2·65	–	·55	19	13	12	0	0	0	0	2	–	0	–	–	–
	Sandown ..	9 9 9	13	60·6	50·1	55·3	+2·1	65	2	40	3	–	–	83	3·28	–	·60	19	13	11	0	0	0	0	0	–	–	4·34	113	41
	Totland Bay ..	9 9 9	140	60·0	49·1	54·5	+1·6	65	11	39	15	–	–	94	3·70	90	·94	22	14	13	0	0	1	0	5	0	0	4·44	116	41
	Ventnor(Hospital)	9 9 9	60	60·7	51·8	56·3	+2·2	66	10	46	3,15	–	–	89	3·50	89	·76	21	13	12	0	0	0	0	–	–	0	4·37	114	41
Wiltshire	Amesbury ..	18–7 7	417	59·4	43·5	51·5	–	66	11	32	26	–	–	94	3·70	–	1·05	22	14	11	0	0	0	1	4	1	0	3·54	–	33
	Larkhill	9 9 9	440	58·9	44·2	51·5	+1·6	64	9,10	33	26	–	–	93	3·66	122	·93	22	15	10	0	0	0	0	5	4	0	–	–	–
	Marlboro' ¶§	9 9 9	424	59·2	40·5	49·9	+1·0	66	9	29	27	52·4	54·1	99	3·92	112	1·06	22	16	13	0	0	0	0	14	3	0	3·71	124	34
	Porton	9 9 9	363	59·5	43·1	51·3	+1·8	66	11	30	27	52·8	–	94	3·69	118	·96	22	14	10	0	0	0	2	6	4	0	3·43	105	32

¶§, § *See* Notes on Tables in Annual Summary. †† Tottenham is used as a "district value" station for England, E., and not for England, S.E. † Sunshine recorder is at Seed Trial Grounds.

* Sunshine recorder and earth thermometers at Staplers. ** Height changed on June 25th, 1943.

TABLE III (*continued*)—Summary of Observations of Temperature, Rainfall, Sunshine and Weather OCTOBER, 1943

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation: Max. Min. Rain	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES FAHRENHEIT: Means of A Max.	B Min.	Mean of A and B	Difference from Average	Absolute Maximum and Minimum: Maximum	Date	Minimum	Date	Earth Temperature 1 ft	4 ft	RAINFALL: Total Fall mm	in	Percentage of Average	Most in a day: Amount in	Date	WEATHER Number of days: Precip'n 0·1in (0·2 mm) or more	0·4in (1·0 mm) or more	Snow	Snow lying	Hail	Thunderstorm	Fog (Morn'g Obs.)	Ground Frost	Gale	BRIGHT SUNSHINE: Daily Mean	Percentage: of Average	of Possible
		G.M.T.	ft	°F	°F	°F	°F	°F		°F		°F	°F	mm	in	%	in												hr	%	%
7a ENGLAND, N.W.																															
Cumberland	Keswick	9 9 9	254	56·8	45·8	51·3	+2·2	63	10	35	14,25	51·8	54·4	225	8·87	158	2·77	5	19	19	0	0	1	0	1	1	0	2·42	95	23
	Newton Rigg ¶§	2121 9	560	55·3	42·0	48·7	+1·4	62	10	31	14	–	–	133	5·25	142	·92	5	20	16	0	0	0	0	0	5	0	2·52	87	28
Westmorland	Ambleside ..	9 9 9	145	56·2	43·1	49·7	–	63	10	31	14	–	–	240	9·45	–	2·12	5	23	21	0	0	0	6	3	–	–	1·90	–	17
	Appleby	9 9 9	440	55·4	41·3	48·3	+1·0	62	1,10	30	14	–	–	104	4·10	118	·67	31	22	16	0	0	0	0	–	–	–	–	–	–
Lancashire	Blackpool ..	9 9 9	65	57·6	45·4	51·5	+1·4	65	9,10	34	14	51·8	54·9	125	4·93	133	·97	31	20	17	0	0	0	0	3	4	–	2·99	95	28
	Bolton	9 9 9	342	56·7	43·2	49·9	+0·6	63	10	34	14,26	51·4	42·9	100	3·92	89	·74	31	21	15	0	0	0	0	–	1	–	2·16	104	20
	Burnley	9 9 9	458	56·1	43·9	50·0	+1·8	63	10	31	14	50·8	53·2	76	3·00	–	·48	16	20	13	0	0	0	0	6	13	–	–	–	–
	Darwen	2121 9	724	55·2	42·5	48·9	+1·0	62	10	36	14	49·6	52·3	122	4·79	98	·73	16	19	16	0	0	1	0	9	0	–	2·82	113	26S
	Fleetwood ..	9 9 9	21	57·5	46·0	51·7	–	64	9,10	36	14	–	–	119	4·67	–	·92	31	20	17	0	0	0	0	2	4	0	2·84	–	27
	Hutton	9 9 9	82	57·2	45·3	51·3	+2·2	64	5,10	33	7,14	52·2	54·8	113	4·44	–	·80	31	17	15	0	0	0	0	–	1	0	2·91	102	26
	Leyland	9 9 9	125	57·1	45·1	51·1	+2·0	64	10	33	14	–	–	123	4·84	136	·80	31	18	15	0	0	0	0	0	3	–	–	–	–
	Manchester (Burnage) ..	9 9 9	147	58·5	45·5	52·0	–	65	9	34	14	–	–	81	3·17	–	·67	6	16	9	0	0	0	0	6	5	–	2·63	–	25
	(Whitworth Pk.)	2121 9	125	58·8	45·5	52·1	+1·9	65	9,10	37	8,14,26	52·4	53·0	81	3·19	97	·60	31	17	14	0	0	0	2	12	(5)	0	(2·30)	(110)	(22)
	Morecambe ..	9 9 9	23	56·7	46·5	51·6	+3·9	62	1	36	14	–	–	131	5·16	134	1·20	5	20	18	0	0	0	0	1	–	0	3·03	93	29
	Nelson	9 9 9	540	55·4	43·0	49·2	–	62	10	32	14	49·1	52·1	85	3·35	–	·54	31	17	13	–	–	–	–	11	3	–	2·60	–	25
	Southport (Bedford Rd.Pk.)¶§	9 9 9	35	57·5	45·1	51·3	+1·1	65	5	31	14	51·0	52·8	118	4·66	132	·88	31	17	17	0	0	0	0	5	2	0	3·22	102	31
	Stonyhurst ¶§	9 9 9	377	55·5	44·7	50·1	+1·4	61	5,10	34	14	–	–	130	5·12	114	1·10	31	21	18	0	0	0	0	2	4	0	2·94	107	28
Cheshire	Bidston Obs'y ..	9 9 9	198	55·7	45·9	50·8	+0·7	62	1,10	39	18, 26	–	–	87	3·44	105	·57	31	18	15	–	–	–	1	4	0	–	3·19	108	30
	Hoylake	9 9 9	22	57·6	45·3	51·5	+0·6	64	10	35	14	–	–	83	3·28	98	·75	31	17	16	0	0	0	0	–	4	–	3·55	113	33
	Macclesfield ..	9 9 9	500	56·1	45·4	50·7	+2·4	62	10	35	14	–	–	79	3·10	92	·53	19	15	11	0	0	0	0	3	–	–	–	–	–
	Manchester (Ringway) ..	18–7 7	235	57·2	46·1	51·7	–	63	9,10	34	14	–	–	72	2·82	–	·60	6	17	9	0	0	0	1	5	3	0	–	–	–
	Warburton ..	9 9 9	68	58·0	43·5	50·7	–	64	1, 9,10	31	8	–	–	76	3·00	–	·51	31	16	12	0	0	0	0	6	0	–	2·90	–	27
	West Kirby ..	9 9 9	25	57·9	45·5	51·7	+1·0	64	9,10	38	14,15,25	–	–	95	3·75	112	·83	31	18	15	1	0	4	1	0	8	–	3·43	104	32
7b NORTH WALES																															
Flint	Hawarden B'dge	9 9 9	17	58·4	43·7	51·1	+0·4	67	1	31	14	–	–	87	3·42	–	·68	31	19	12	0	0	1	0	2	–	–	–	–	–
	Prestatyn ..	9 9 9	18	59·9	47·6	53·7	–	68	10	39	15	–	–	100	3·92	–	·69	16	18	17	0	0	0	0	0	–	–	3·68	–	35
	Rhyl	9 9 9	31	58·8	46·4	52·6	+1·7	66	10	35	14	–	–	95	3·76	118	·54	31	18	14	0	0	0	0	0	0	1	3·77	119	35
	Sealand .. ¶§	18–7 7	16	58·3	45·3	51·8	+1·7	66	1	33	14	52·3	54·3	94	3·70	127	·67	16	17	14	0	0	1	0	6	8	0	3·48	119	33
Anglesey	Holyhead ¶§	7 7 7	26	58·0	48·6	53·3	+0·8	64	29	40	8	–	–	113	4·45	112	·60	16	19	17	–	–	–	–	–	0	0	3·55	113	33
	Holyhead (Valley)	18–7 7	32	58·3	47·5	52·9	–	64	29	37	8,14	–	–	126	4·96	–	·95	16	18	16	0	0	1	1	0	2		–	–	–
Denbigh	Colwyn Bay ..	9 9 9	118	58·4	47·2	52·8	+1·4	65	10	39	15,18,25	–	–	99	3·91	–	·47	31	20	18	0	0	1	0	0	–	–	3·55	112	33
Carnarvon	Aber	9 9 9	60	58·7	47·6	53·1	+1·4	65	10	40	8	–	–	142	5·58	–	1·02	19	20	18	0	0	2	0	0	0	0	3·83	156	36S
	Llandudno ..	9 9 9	13	59·1	48·0	53·5	+1·7	67	10	38	14	–	–	89	3·51	104	·65	31	20	17	0	0	0	0	0	0	0	3·81	119	36
Montgomery	Lake Vyrnwy ..	9 9 9	750	54·2	40·9	47·5	–	61	10	32	26	–	–	149	5·86	–	·94	31	20	16	0	0	0	2	1	7	–	–	–	–
	Welshpool ..	9 9 9	254	58·5	40·5	49·5	+0·8	65	9	28	29	–	–	103	4·05	119	·73	19	12	12	0	0	0	0	0	–	–	–	–	–
8a SOUTH WALES																															
Cardigan	Aberporth ..	18–7 7	376	56·5	47·0	51·7	–	62	9,10	37	14	–	–	120	4·74	–	·81	16	17	17	0	0	0	1	0	1	0	3·02	–	28
	Aberystwyth ..	9 9 9	12	57·8	47·8	52·8	+0·9	62	9	37	14	–	–	109	4·31	–	·87	16	21	16	0	0	0	1	0	–	–	3·72	119	35
	„ Llety-evan-hen	9 9 9	950	53·7	45·6	49·7	–	59	10	37	14	–	–	125	4·92	–	·92	16	20	15	0	0	0	0	–	4	–	3·14	–	30
	„ P.B.S.†	9 9 9	452	56·8	46·6	51·7	+1·4	65	10	37	14	–	–	117	4·62	–	·94	16	20	17	0	0	0	1	0	1	0	3·71	126	35
Pembroke	Haverfordwest ..	2121 9	127	58·7	44·9	51·8	+1·1	68	12	32	14	–	–	146	5·74	–	·92	19	23	18	0	0	0	0	2	–	–	3·50	106	33
	St. Ann's Hd. ¶§	18–7 7	142	57·3	50·2	53·7	+1·0	60	9,11	42	26	–	–	121	4·77	108	·88	16	19	16	0	0	0	1	0	–	2	2·99	95	27
	Tenby	9 9 9	64	58·2	48·3	53·3	+1·6	63	9	36	14	–	–	143	5·65	–	1·02	19	18	16	0	0	0	0	0	1	–	3·51	104	33
Radnor	Rhayader ¶§	9 9 9	757	56·4	41·1	48·7	+1·1	64	10	28	8,14	–	–	141	5·56	96	1·02	19	19	14	0	0	0	1	3	14	0	2·74	87	26
Breeknock	Cantref	9 9 9	1080	53·9	42·8	48·3	–	59	9,10,11	35	26	–	–	166	6·52	–	1·13	16	20	17	0	0	0	2	4	–	–	3·07	–	29
	Crickhowell ..	9 9 9	230	59·5	42·9	51·2	–	65	1	30	26	–	–	101	3·99	–	·95	19	17	11	0	0	0	2	1	10	–	–	–	–
Glamorgan	Cardiff	2121 9	203	59·9	46·0	52·9	+2·3	66	9	36	26	53·2	55·4	73	2·89	61	·67	19	16	12	0	0	0	0	0	0	0	4·15	120	39
	St. Athan ..	18–7 7	145	58·9	47·2	53·1	–	64	9	36	15,26	–	–	72	2·83	–	·63	16	15	14	0	0	0	0	4	0	0	–	–	–
	Swansea	9 9 9	32	59·4	49·5	54·5	+2·0	67	10	39	14	54·5	58·1	105	4·14	–	·89	16	17	14	0	0	0	2	0	3	–	3·34	103	31
8b ENGLAND, S.W.																															
Monmouth	Newport ..	9 9 9	265	59·7	45·2	52·5	+1·8	66	9,10	34	26	52·8	56·5	69	2·71	–	·70	31	17	11	0	0	0	2	10	–	–	4·13	–	39
	Usk	9 9 9	70																												
Somerset	Bath .. ¶§	9 9 9	67	59·7	44·4	52·1	+1·2	65	9	32	26,27	54·1	57·0	90	3·56	113	·86	22	14	10	0	0	0	3	4	–	0	3·77	116	35
	Bristol (Airport) ..	18–7 7	209	60·1	43·1	51·6	–	67	10	28	26	–	–	72	2·84	–	·60	19	12	10	0	0	0	1	8	10	0	3·91	–	37
	Cannington ..	9 9 9	95																												
	Long Ashton ..	9 9 9	162	60·5	43·4	51·9	+0·9	68	10	32	26	–	–	78	3·08	81	·70	19	17	11	0	0	1	1	6	11	–	3·97	120	37
	Weston-s.-Mare ..	9 9 9	28	60·9	45·6	53·3	–	67	10	34	26	–	–	59	2·33	64	·48	16	11	9	0	0	0	1	5	3	–	4·11	129	38

¶§, S *See* Notes on Tables in Annual Summary. † Plant Breeding Station.

TABLE III (*continued*)—Summary of Observations of Temperature, Rainfall, Sunshine and Weather OCTOBER, 1943

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation: Max. Min. Rain	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES FAHRENHEIT: Means of A Max.	B Min.	Mean of A and B	Difference from Average	Absolute Maximum and Minimum: Maximum	Date	Minimum	Date	Earth Temperature 1 ft	4 ft	RAINFALL: Total Fall mm	in	Percentage of Average	Most in a day: Amount in	Date	WEATHER Number of days: Precip'n ·01in (0·2 mm) or more	·04in (1·0 mm) or more	Snow	Snow lying	Hail	Thunderstorm	Fog (Morn'g Obs.)	Ground Frost	Gale	BRIGHT SUNSHINE: Daily Mean	Percentage: of Average	of Possible
		G.M.T.	ft	°F	°F	°F	°F	°F		°F		°F	°F	mm	in	%	in												hr	%	%
8b ENGLAND, S.W.—*cont.*																															
Dorset	Holton Heath ..	9 9 9	64	60·7	44·9	52·8	+1·5	66	1,11	32	15	54·8	57·3	125	4·90	–	1·02	20	16	13	0	0	1	2	2	4	1	3·93	110	37
	Poole	9 9 9	18	62·0	46·4	54·2	–	68	11	33	15	–	–	122	4·79	–	·91	20	15	12	0	0	0	0	3	–	–	4·26	–	40
	Portland Bill ..	18–7 7	32	58·8	52·5	55·7	+1·2	63	11	45	15	–	–	72	2·83	85	·69	22	12	11	0	0	0	0	0	–	0	–	–	–
	Shaftesbury ..	9 9 9	722	57·6	43·9	50·7	–	63	10,11	36	15	–	–	142	5·60	–	1·00	22	14	13	0	0	0	0	–	–	–	–	–	–
	Swanage	9 9 9	14	60·1	48·8	54·5	–	64	11	38	3	–	56·6	100	3·94	–	1·02	22	15	12	0	0	0	1	1	0	–	4·23	–	40
	Weymouth ..	9 9 9	16	60·2	48·4	54·3	+0·7	68	10	37	15	–	–	92	3·62	99	1·10	22	10	8	0	0	1	0	0	–	–	4·33	107	40
Devon	Barnstaple ..	9 9 9	25	58·7	44·5	51·6	–0·6	65	10	33	8,26	–	–	99	3·91	86	1·21	16	15	14	–	–	–	–	0	1	–	–	–	–
	Cullompton ¶§	9 9 9	202	60·7	43·2	51·9	+1·0	66	10	31	15,26	52·6	–	105	4·15	100	·78	19	18	13	0	0	0	2	1	8	–	3·86	117	36
	Dawlish	9 9 9	17	60·4	46·4	53·4	–	64	11	37	15	–	–	71	2·78	–	·57	19	14	12	–	–	–	–	0	0	–	4·51	–	42
	Exmouth ..	9 9 9	195	59·4	46·8	53·1	+1·1	62	1,10,11	35	26	–	–	89	3·50	–	·83	19	18	11	0	0	0	1	2	–	0	4·52	132	42
	Hartland Pt. ..	18–7 7	299	57·4	50·2	53·8	–	65	10	41	18	–	–	102	4·03	–	1·01	31	16	13	0	0	0	1	0	0	0	3·93	–	37
	Ilfracombe ..	9 9 9	25	58·3	49·6	53·9	0·0	62	1,10	42	26	55·4	58·0	115	4·54	103	1·23	16	17	13	0	0	0	1	1	–	–	4·20	135	39
	Killerton ..	9 9 9	159	60·6	43·2	51·9	+0·9	66	10	31	15	–	–	96	3·79	–	·88	16	13	13	–	–	–	–	2	8	–	–	–	–
	*Newton Abbot ..	9 9 9	375	59·5	46·1	52·8	+0·8	66	10	37	3	–	–				·72	20	16	14	0	0	0	1	2	13	–	4·00	110	37
	Plymouth (Hoe)	2121 9	117	60·0	48·4	54·2	+1·3	67	10	38	3,26	53·3	55·3	103	4·05	102	·89	16	18	12	0	0	0	2	2	0	1	4·20	115	39
	Plymouth (Mount Batten) ..	18–7 7	86	59·5	47·8	53·7	+0·5	66	10	35	26	–	–	117	4·59	–	1·06	16	17	14	0	0	1	1	3	5	0	3·93	108	37
	Princetown ..	9 9 9	1359	54·5	43·9	49·2	+1·5	61	11	37	15,18	–	–	207	8·16	97	1·24	16	18	18	0	0	3	2	5	0	–	–	–	–
	Seaton	9 9 9	43	60·2	46·6	53·4	–	65	11	34	15,26	–	–	110	4·33	–	·85	19	11	10	0	0	0	1	3	0	–	–	–	–
	Sidmouth ..	9 9 9	25	60·0	47·3	53·7	+1·4	65	11	38	3,15,26	–	–	77	3·04	–	·55	16	9	9	0	0	0	0	0	0	–	4·42	–	41
	Tavistock ..	9 9 9	457	61·3	–	–	–	68	11	–	–	–	55·6	139	5·46	104	1·02	16	18	16	0	0	0	2	1		0	–	–	–
	Teignmouth ..	9 9 9	20	60·0	47·1	53·5	+0·4	63	1, 9	36	15	–	–	83	3·28	85	·79	19	14	13	0	0	1	1	0	0	–	4·59	127	43
	Torquay	9 9 9	27	59·8	47·4	53·6	+0·1	63	1,10,11	37	15	–	57·3	85	3·33	82	·89	19	15	13	0	0	0	2	0	0	0	4·45	119	42
	Totnes	9 9 9	100	60·6	42·2	51·4	–	66	10	29	15	53·1	–	121	4·78	–	·69	16	16	15	0	0	0	1	–	11	–	–	–	–
Cornwall	Bude	9 9 9	50	59·5	47·2	53·3	+1·0	67	10	35	14	–	–	98	3·85	95	1·01	16	15	13	0	0	0	0	0	–	–	4·23	120	40
	Ellbridge	9 9 9	200	59·2	46·2	52·7	–	65	10	34	26	–	–	149	5·85	–	1·00	22	15	15	0	0	1	1	1	0	–	3·91	–	37
	Falmouth Obs. ¶§	9 9 9	167	59·6	49·4	54·5	+1·6	63	9	40	17	55·8	57·9	63	2·50	50	·58	31	20	10	0	0	0	2	1	0	–	3·33	91	31
	Fowey	9 9 9	51	61·1	48·8	54·9	+1·5	66	11	37	25	–	–	85	3·35	–	1·06	31	16	13	0	0	0	0	4	–	–	3·67	100	34
	Gulval	9 9 9	20	58·5	49·3	53·9	+0·7	61	2, 5	38	17	–	–	75	2·95	–	·70	31	17	13	0	0	0	1	0	2	–	3·42	91	32
	The Lizard ..	18–7 7	240	58·5	50·9	54·7	–	63	10	45	8,14,17	–	–	58	2·30	–	·45	16	14	13	0	0	1	0	3	–	0	3·79	–	35
	Newquay ..	9 9 9	182	58·3	48·1	53·2	+0·5	62	10	38	14	54·1	56·2	74	2·91	73	·42	19	19	16	0	0	0	2	0	–	0	3·57	97	33
	Penzance ..	9 9 9	55	58·8	49·1	53·9	–0·4	62	5	40	17	–	–	80	3·14	67	·75	31	16	13	0	0	0	0	0	–	–	3·42	90	32
	Tintagel	9 9 9	280	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
NORTHERN IRELAND																															
Londonderry	Castlerock ..	7 7 7	57	57·1	45·5	51·3	–	63	5	32	24	–	–	91	3·60	–	·99	10	19	14	0	0	0	0	0	1	0	–	–	–
	Garvagh .. ¶ (Moneydig)	7 7 7	121	56·1	42·7	49·4	+1·5	62	5	31	24	–	–	82	3·22	91	·61	10	20	16	0	0	0	0	2	9	–	–	–	–
Antrim	Aldergrove ¶§	18–7 7	268	55·9	45·4	50·7	+2·1	62	1	32	24	–	–	105	4·12	137	·56	10	22	15	0	0	0	0	2	4	0	3·05	112	29
Down	Ballyhalbert ††	9 9 9	34	56·5	47·1	51·8	–	62	5	40	18,23,24	–	–	79	3·12	–	·52	16	17	14	0	0	1	1	0	0	0	3·05	–	29
	Hillsborough §	9 9 9	388	55·9	45·2	50·5	–	61	1	35	24	51·5	–	91	3·60	–	·56	16	17	14	0	0	1	0	0	3	0	3.08	108	29
Armagh	Armagh .. ¶§	2121 9	205	57·1	44·8	50·9	+2·0	63	9	32	23	51·7	53·3	69	2·72	100	·44	19	18	14	0	0	0	0	0		1	3·00	107	29
Scilly	St. Mary's	18–7 7	163	58·6	51·3	54·9	+0·8	63	9	45	17	–	–	57	2·24	59	·41	19	16	14	0	0	0	0	0	–	1	3·80	100	36
GIBRALTAR		18–7 7	400	69·4	60·1	64·7	–3·0	78	14	54	25,26	–	–	64	2·54	–	1·20	16	10	3	0	0	0	0	0	0	0	7·44	–	66
MALTA		18–7 7	231	75·5	67·2	71·3	+07	83	11	58	26	–	–	82	3·25	48	·54	31	15	12	0	0	0	7	0	–	0	7·34	98	65

¶§, § *See* Notes on Tables in Annual Summary. †† Sunshine recorder is at Mount Stewart. * Seale-Hayne College.

TABLE III (*a*)—SKY OBSERVATIONS, OCTOBER, 1943

WEATHER DIARY ROYAL OBSERVATORY, GREENWICH	Number
Persistently overcast days	3
„ cloudless „	0
„ foggy „	1

NIGHT SKY RECORDER**	GREENWICH	PORTON
Recorder in operation on	31 nights	31 nights
Average exposure (hours)	11·4	10·5
Polaris unobscured (per cent.)	38	44
δ Ursæ Minoris (ditto)	33	35

** *See* Meteorological Magazine, May, 1920, p. 70.

TABLE III (*b*)—SOLAR RADIATION

DIRECT SOLAR RADIATION KEW OBSERVATORY

	Cal./cm.²/diem.
Max. (on 2nd)	41·8
Mean	90·0

TABLE IV—Summary of Observations at fixed hours OCTOBER, 1943

DISTRICT, COUNTY AND PLACE	Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE: At Mean Sea Level	MEAN PRESSURE: Difference from Average	TEMPERATURE AND HUMIDITY: Dry Bulb	TEMPERATURE AND HUMIDITY: Depression of Wet Bulb	TEMPERATURE AND HUMIDITY: Vapour Pressure	TEMPERATURE AND HUMIDITY: Relative Humidity	CLOUD AMOUNT: Mean Amount	CLOUD AMOUNT: No. of Observations 0	1 to 3	4 to 6	7 to 9	10	VISIBILITY: Number of Observations — Fog 0	Fog 1	Fog 2	Fog 3	Mist Poor Vis. 4	Mist Poor Vis. 5	Mist Mod. Vis. 6	Good Visibility 7	Good Visibility 8	Good Visibility 9	WIND, NUMBER OF OBSERVATIONS — FORCE (0-12): 8 or more	6 to 7	4 to 5	1 to 3	Calm	DIRECTION: N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
	G.M.T.	ft	mb	mb	°F	°F	mb	%																														
0 SCOTLAND, N.																																						
Shetlands — Sumburgh (Links)	1	23	1006·6	–	50·4	1·3	11·3	90	7·9	0	4	3	13	11	0	0	0	0	1	3	3	11	12	1	2	5	15	8	1	1	0	3	6	11	5	2	2
	7	23	1007·0	-1·4	50·1	1·6	10·9	88	8·1	0	3	3	17	8	0	0	0	0	1	0	4	6	19	1	0	5	16	8	2	0	0	1	8	12	4	2	2
	13	23	1006·5	–	51·4	1·7	11·4	88	8·1	0	3	4	14	10	0	0	0	0	1	1	5	6	15	3	1	7	14	9	0	0	1	3	9	14	2	2	0
	18	23	1006·2	–	51·2	1·3	11·6	90	7·8	0	3	5	14	9	0	0	0	0	1	5	6	4	12	3	0	6	17	8	0	0	1	3	8	11	4	3	1
Hebrides — Benbecula	1	27	1004·0	–	50·6	1·7	11·1	88	7·9	0	4	4	6	17	0	0	0	0	0	2	3	9	17	0	0	11	14	5	1	1	0	0	6	14	4	3	2
	7	27	1002·8	–	50·6	1·6	11·5	89	8·6	0	2	2	12	15	0	0	0	0	1	2	7	7	14	0	1	14	10	5	1	0	0	2	6	15	3	2	2
	13	27	1003·4	–	53·3	2·2	11·9	85	8·7	0	0	2	16	13	0	0	0	0	0	3	7	4	13	4	2	10	16	3	0	0	1	0	5	13	8	3	1
	18	27	1003·8	–	51·3	1·6	11·5	88	8·6	0	0	5	12	14	0	0	0	0	0	1	6	7	13	4	0	15	10	5	1	1	1	0	8	8	6	2	4
	1	83	1003·5	–	50·2	1·6	11·1	89	7·8	0	4	4	8	15	0	0	0	0	0	1	4	18	8	0	2	10	5	13	1	1	0	2	3	13	9	2	0
Stornoway	7	83	1002·8	-6·5	49·6	1·6	10·8	89	8·8	0	1	3	12	15	0	0	0	1	0	1	7	5	6	12	0	3	13	6	7	2	1	0	1	5	15	5	2	0
	13	83	1003·0	–	53·5	2·5	11·8	84	9·0	0	0	2	15	14	0	0	0	0	0	1	6	8	15	1	2	12	11	5	1	0	1	0	5	12	8	3	1
	18	83	1003·5	–	51·4	1·6	11·5	89	9·1	0	0	3	12	16	0	0	0	0	0	2	9	10	10	0	0	12	14	4	1	0	1	3	4	11	4	4	3
	1	117	1006·7	–	49·2	1·1	11·1	92	7·2	0	7	2	13	9	0	0	0	0	0	2	6	7	15	1	0	3	14	13	1	0	0	0	5	13	9	3	0
Caithness — Wick	7	117	1006·5	-2·2	48·6	1·3	10·6	91	7·6	0	4	5	13	9	0	0	0	0	2	2	6	3	15	3	0	3	15	12	1	0	0	0	1	5	16	5	2	1
	13	117	1006·2	–	53·7	2·5	11·8	84	8·0	0	3	4	16	8	0	0	0	0	0	1	3	7	13	7	0	5	16	9	1	0	0	1	6	16	4	3	0
	18	117	1006·3	–	51·3	1·6	11·6	89	8·2	0	3	3	12	13	0	0	0	0	0	0	8	3	14	6	0	4	13	13	1	1	0	1	5	12	10	1	0
	1	371	1004·1	–	50·5	2·8	10·1	80	8·3	0	2	5	19	5	0	1	0	0	0	0	0	3	24	3	1	5	13	12	0	0	0	2	5	4	12	6	2
Sutherland — Cape Wrath	7	371	1003·3	–	49·8	2·6	9·9	81	8·2	0	2	6	16	7	0	1	0	0	0	0	0	8	17	5	0	2	13	16	0	1	0	2	6	5	14	2	1
	13	371	1003·5	–	52·5	2·9	10·8	80	8·8	0	0	4	20	7	0	3	0	0	0	0	2	6	12	8	1	5	8	17	0	0	0	2	4	4	17	3	1
	18	371	1003·6	–	51·4	2·4	10·8	83	8·9	0	0	3	22	6	0	0	0	0	0	0	3	10	14	4	2	3	10	16	0	0	0	2	4	5	15	5	0
	1	19	1006·5	–	47·5	1·8	9·8	86	6·5	1	7	7	6	10	0	0	0	0	0	0	6	4	16	5	0	2	13	13	3	0	0	4	1	4	14	5	0
Ross and Cromarty — Invergordon **	7	19	1006·1	–	46·5	1·7	9·6	88	8·1	0	1	5	15	10	0	0	0	0	0	1	7	1	15	7	0	3	7	16	5	0	0	3	4	7	7	3	2
	13	19	1005·6	–	54·8	3·9	11·1	75	8·3	0	1	3	21	6	0	0	0	0	0	0	5	3	8	15	0	5	17	8	1	0	0	2	3	6	11	8	0
	18	19	1006·0	–	50·1	1·8	10·7	85	7·6	0	4	4	13	10	0	0	0	0	0	2	4	5	11	9	0	4	12	13	2	0	0	2	3	10	10	4	0
	7	1180	964·8	–	45·0	1·4	9·0	89	8·8	0	2	0	16	13	0	0	0	0	0	1	8	18	4	0	0	0	13	16	2	0	0	0	4	18	6	1	0
Inverness — Dalwhinnie †	13	1180	964·9	–	49·3	2·5	9·8	82	8·7	0	1	2	17	11	0	0	0	0	0	0	6	19	6	0	0	0	21	10	0	0	1	0	4	14	10	1	1
	18	1180	965·0	–	46·9	1·7	9·5	87	8·9	0	1	1	13	16	0	0	0	0	0	3	7	14	7	0	0	0	14	15	2	0	0	0	4	17	5	3	0
1 SCOTLAND, E.																																						
Moray — Lossiemouth	1	24	1007·0	–	48·6	2·7	9·5	81	6·8	0	8	4	11	8	0	0	0	0	0	0	5	3	19	4	0	0	9	22	0	0	0	1	13	7	9	1	0
	7	24	1006·7	–	47·6	2·5	9·2	82	7·7	0	2	8	12	9	0	0	0	0	0	1	4	2	15	9	0	0	9	21	1	0	0	1	13	11	4	1	0
	13	24	1006·3	–	55·3	4·9	10·4	70	7·9	0	1	6	21	3	0	0	0	0	0	0	3	2	12	14	0	3	12	16	0	0	0	1	5	10	12	3	0
	18	24	1006·2	–	51·5	3·4	10·1	77	8·0	0	1	6	15	9	0	0	0	0	0	1	4	3	18	5	0	1	13	17	0	0	0	2	7	12	7	3	0
	7	85	1008·6	-1·5	48·5	2·0	9·9	86	7·7	0	6	1	11	13	0	0	1	0	1	1	13	9	5	1	0	0	6	23	2	1	0	0	4	15	8	1	0
Aberdeen — Aberdeen H	13	85	1008·1	–	53·7	3·8	10·6	76	8·2	0	2	4	18	7	0	0	0	0	1	0	11	10	6	3	0	3	12	15	1	1	0	1	2	14	9	1	2
	18	85	1008·2	–	51·9	2·7	10·7	82	7·8	0	5	3	9	14	0	0	0	0	2	6	2	15	2	4	0	0	2	12	16	1	0	0	4	16	6	2	2
	21	85	1008·7	–	50·5	2·4	10·4	84	6·7	2	7	1	10	11	0	0	0	0	2	3	14	8	4	0	0	0	4	27	0	0	0	1	3	13	8	3	3
	h.*	85	1008·5	-1·8	50·6	2·5	10·5	82																														
Braemar ‡	9	1108	1009·3	-1·1	46·9	2·5	8·9	81	8·5	0	1	3	13	14	0	0	0	0	4	10	11	4	2	0	0	1	8	18	4	0	0	1	3	11	7	3	2
Dyce	1	237	1008·6	–	47·4	1·7	9·7	87	7·3	4	2	1	15	9	0	0	1	1	0	3	6	6	11	3	0	0	12	17	2	1	0	0	4	12	8	3	1
	7	237	1008·5	–	46·4	1·4	9·6	89	7·9	0	3	4	11	13	0	1	0	1	2	2	5	6	8	6	0	0	6	21	4	1	1	0	5	12	7	1	0
	13	237	1007·8	–	53·2	3·3	10·8	78	8·0	0	1	6	16	8	0	0	0	0	1	3	7	7	7	6	0	0	7	11	11	2	0	0	0	3	15	8	1	2
	18	237	1008·1	–	50·2	2·2	10·4	84	8·0	0	3	5	9	14	0	0	0	0	4	2	6	9	6	4	0	3	8	17	3	0	0	1	6	12	3	4	2
	1	22	1009·2	–	48·7	1·6	10·4	87	6·1	3	7	4	12	5	0	0	0	0	4	12	11	4	0	0	0	3	5	21	2	0	0	0	3	2	7	8	8	1
Angus — Montrose (Airf'd)	7	22	1009·2	–	47·6	1·3	10·3	90	7·6	0	6	1	15	9	0	0	0	1	1	5	8	8	6	2	0	0	9	18	4	2	0	0	2	12	6	3	2
	13	22	1008·7	–	54·3	3·4	11·2	78	7·8	0	3	4	16	8	0	0	0	0	1	2	6	14	3	2	0	2	13	16	0	1	0	0	4	10	12	4	0
	18	22	1008·7	–	52·2	2·4	11·2	84	6·9	0	5	6	14	6	0	0	0	0	4	4	10	5	4	4	0	2	7	21	1	0	0	0	4	11	9	4	2
	1	33	1008·7	–	47·0	1·3	10·1	90	6·5	5	3	5	7	11	0	0	1	1	0	2	10	8	9	4	0	1	4	22	4	1	1	2	3	2	13	5	0
Perth — Errol	7	33	1008·7	–	46·3	1·2	9·8	87	7·8	0	6	1	10	14	0	0	1	0	2	3	7	7	11	0	0	0	6	22	3	1	2	3	7	2	6	6	1
	13	33	1008·7	–	54·2	3·5	11·1	77	8·1	0	2	4	15	10	0	0	0	1	0	1	11	8	10	0	0	3	15	11	2	0	3	1	4	7	10	4	0
	18	33	1008·2	–	50·7	2·2	10·7	85	7·8	0	4	5	9	13	0	0	0	0	0	3	8	7	13	0	0	3	7	20	1	1	2	3	2	5	10	6	1
	1	36	1009·0	–	47·9	1·2	10·5	91	7·0	3	4	3	7	14	0	0	1	0	0	3	14	7	6	0	0	1	5	20	5	0	0	1	3	5	8	7	2
Fife — Leuchars H	7	36	1008·8	-1·7	47·3	1·0	10·4	92	8·8	0	1	3	10	17	0	0	0	0	3	4	13	8	3	0	0	0	6	21	4	0	1	2	4	4	11	4	1
	13	36	1008·6	–	54·8	3·5	11·4	78	8·2	0	3	3	16	9	0	0	0	0	0	4	11	6	9	1	0	5	14	12	0	0	0	3	5	6	12	3	2
	18	36	1008·4	–	51·7	2·0	11·4	87	7·9	0	4	5	6	16	0	0	0	0	0	5	1	12	8	4	1	0	4	8	17	2	0	0	2	5	7	8	6	1
Mid Lothian — Edinburgh (Blackford Hill)	9	441	1008·8	–	50·5	2·8	10·1	80	7·2	2	4	5	6	14	0	0	1	1	1	3	8	0	17	0	0	3	10	13	5	1	0	1	4	10	7	3	0
	21	441	1009·0	–	49·6	2·3	10·1	83	6·2	4	5	5	7	10	–	–	–	–	–	–	–	–	–	–	0	3	6	14	8	0	0	0	3	12	6	2	0
Berwick — St. Abb's Head	1	312	1009·2	–	48·7	2·2	9·8	83	6·1	0	11	3	11	6	0	0	0	0	0	5	4	21	1	0	0	0	15	14	2	0	0	0	7	8	7	6	1
	7	312	1009·2	–	47·5	1·7	9·7	87	7·4	0	3	7	13	8	0	0	0	0	0	4	7	11	9	0	0	3	13	14	1	1	0	1	3	12	9	4	0
	13	312	1008·8	–	53·4	3·9	10·4	75	7·4	0	4	5	14	8	0	0	0	0	0	2	5	15	9	0	0	8	10	13	0	2	0	0	5	10	9	4	1
	18	312	1009·0	–	51·3	2·9	10·3	80	6·8	0	3	11	13	4	0	0	0	1	2	2	6	15	5	0	0	6	10	14	1	0	0	0	9	9	6	6	0
6a SCOTLAND, W.																																						
Argyll — Tiree	1	27	1006·3	–	51·1	0·9	11·9	93	7·1	1	3	8	9	10	0	0	0	0	0	1	4	5	18	3	0	6	15	7	3	1	0	0	3	16	3	3	2
	7	27	1004·8	-4·2	51·5	0·9	12·3	94	8·3	0	1	6	10	14	0	0	0	0	0	3	4	4	16	4	2	11	11	7	0	0	0	0	6	12	7	3	3
	13	27	1005·4	–	53·9	1·5	12·8	91	8·4	0	0	6	10	15	0	0	0	0	3	2	4	5	12	5	2	8	13	8	0	2	0	0	5	15	5	4	0
	18	27	1004·8	–	52·1	0·8	12·6	95	8·7	0	0	4	11	16	0	0	0	0	1	4	5	6	11	4	1	6	14	10	0	1	1	0	5	13	5	3	3
Bute — Rothesay	9	187	1008·2	-2·7	51·4	1·3	11·7	91	7·9	0	2	2	19	8	0	0	0	0	0	0	14	7	10	0	0	0	11	20	0	1	0	2	4	13	4	6	1
	21	187	1008·3	–	50·6	1·1	11·5	92	7·3	0	4	8	9	10	0	0	0	0	0	3	14	9	5	0	3	0	6	22	0	0	0	0	3	16	2	6	4
Renfrew — Renfrew (Abbotsinch)	1	24	1008·6	–	49·2	1·4	10·8	89	7·6	2	4	2	8	15	0	0	0	0	5	6	11	8	1	0	0	0	5	22	4	0	2	4	5	9	5	2	0
	7	24	1008·2	-2·6	49·1	1·3	10·8	90	8·7	0	2	2	10	17	0	0	1	2	5	4	11	6	2	0	0	0	6	22	3	0	2	7	6	5	6	2	0
	13	24	1008·4	–	55·3	3·6	11·5	77	8·3	0	1	5	15	10	0	0	0	1	0	5	9	7	7	2	0	0	16	13	2	0	0	1	6	10	8	3	1
	18	24	1008·2	–	51·8	2·2	11·3	85	7·7	0	4	3	11	13	0	0	0	0	7	6	10	1	7	0	0	1	7	21	2	0	0	6	3	9	6	5	0
	7	778	1009·8	-1·9	44·8	0·8	9·5	94	9·3	0	1	1	3	26	0	0	3	1	1	0	3	6	11	0	0	1	12	11	7	1	0	2	4	12	3	1	1
Dumfries — Eskdalemuir ‡‡ H	13	778	1009·3	–	51·6	3·1	10·3	79	8·2	0	0	7	10	14	0	0	0	0	1	0	2	12	7	10	0	0	5	15	11	0	1	0	1	8	11	7	2	1
	18	778	1009·6	–	47·7	1·7	9·8	87	8·3	0	2	4	13	12	0	0	1	0	2	2	10	7	9	0	0	1	4	7	14	5	1	0	1	4	10	6	2	2
	21	778	1010·0	–	46·0	1·1	9·7	92	7·2	1	6	4	4	16	0	0	0	2	5	1	9	4	10	0	1	4	6	12	8	1	0	2	4	8	6	1	1
	h.*	778	1009·7	-2·0	47·3	1·6	9·8	89																														
6b ISLE OF MAN																																						
Isle of Man — Douglas H	9	286	1010·5	-1·3	52·6	2·5	11·2	83	6·3	0	5	7	19	0	0	0	0	0	0	2	20	7	2	0	0	8	14	9	0	3	0	1	4	9	6	3	5
Point of Ayre	1	31	1009·5	–	51·2	1·9	11·1	86	6·5	0	10	1	11	9	0	0	0	0	0	0	3	7	21	0	0	3	14	13	1	4	0	0	0	4	12	9	1
	7	31	1009·3	–	51·3	1·7	11·4	88	7·1	0	6	5	12	8	0	0	0	0	0	0	3	4	24	0	0	6	13	10	2	1	2	0	0	4	13	6	3
	13	31	1009·8	–	56·3	3·5	12·1	78	7·4	0	6	1	17	7	0	0	0	0	0	1	3	6	23	0	0	7	17	6	1	2	0	0	0	5	12	5	6
	18	31	1009·4	–	53·0	2·6	11·4	83	6·9	0	9	2	8	12	0	0	0	0	0	1	3	5	22	0	0	7	10	13	1	0	0	0	0	6	14	6	4

* Mean of hourly readings. † Pressure at Station Level. ‡ Mean pressure at Station Level is 968·1 mb.

‡‡ Mean pressures at Station Level are 981·2 mb. at 7 h., 981·1 mb. at 13 h. 981·1 mb. at 18 h., and 981·4 mb. at 21 h.

** Station transferred to Alness, March 24th, 1943.

TABLE IV (*continued*)—Summary of Observations at fixed hours OCTOBER, 1943

DISTRICT, COUNTY AND PLACE	Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE: At Mean Sea Level	MEAN PRESSURE: Difference from Average	TEMPERATURE AND HUMIDITY: Dry Bulb	TEMPERATURE AND HUMIDITY: Depression of Wet Bulb	TEMPERATURE AND HUMIDITY: Vapour Pressure	TEMPERATURE AND HUMIDITY: Relative Humidity	CLOUD AMOUNT: Mean Amount	CLOUD AMOUNT: No. of Observations: 0	1 to 3	4 to 6	7 to 9	10
	G.M.T.	ft	mb	mb	°F	°F	mb	%						
2 ENGLAND, N.E.														
Northumberland — Cockle Park ..	9	331	–	–	49·9	2·0	10·5	86	8·2	0	3	2	14	12
	21	331	–	–	48·6	2·0	9·9	85	7·4	0	5	3	13	10
Ouston	1	435	1011·2	–	46·3	1·3	9·8	90	5·2	5	7	3	10	6
	7	435	1011·2	–	45·4	1·0	9·7	93	7·6	1	3	4	12	11
	13	435	1011·0	–	53·4	3·3	10·9	78	7·9	1	3	1	10	16
	18	435	1011·1	–	49·5	1·8	10·5	87	6·8	1	7	3	8	12
Tynemouth ..	1	122	1012·2	–	50·2	2·0	10·6	86	5·8	6	4	5	11	5
	7	122	1011·9	+0·4	48·3	1·5	10·3	89	6·6	1	8	4	11	7
	13	122	1011·8	–	55·0	3·9	11·0	75	7·2	0	3	9	13	6
	18	122	1011·8	–	53·0	2·9	11·0	80	7·1	0	4	8	18	1
Durham — Durham	9	352	1011·0	−1·2	48·9	1·4	10·6	90	7·4	3	1	6	9	12
	21	352	1011·0	–	48·5	1·0	10·8	93	6·9	2	4	7	3	15
Yorks., N. Riding — *Catterick .. H	1	181	1012·2	–	46·4	0·6	10·5	96	7·1	4	4	3	5	15
	7	181	1012·3	–	45·0	0·4	10·2	97	8·5	0	3	1	8	19
	13	181	1011·9	–	53·6	2·3	12·1	86	8·2	0	2	3	16	10
	18	181	1012·1	–	50·2	1·3	11·4	91	7·6	1	4	3	10	13
Linton-on-Ouse ..	1	47	1012·4	–	47·4	0·9	10·5	92	5·8	6	6	3	4	12
	7	47	1012·5	–	45·2	0·7	9.9	95	7·8	1	6	0	7	17
	13	47	1012·2	–	55·5	3·4	11·8	79	7·4	0	6	2	13	10
	18	47	1012·3	–	51·8	2·1	11·3	86	7·1	1	5	6	9	10
Scarborough ..	9	96	1012·5	+0·1	51·8	2·4	11·0	84	5·3	0	14	4	7	6
Thornaby	1	60	1011·7	–	48·9	1·7	10·5	88	5·5	6	7	0	11	7
	7	60	1011·8	–	46·8	1·3	10·1	90	6·5	2	8	1	10	10
	13	60	1011·5	–	56·2	4·0	11·7	76	7·0	0	5	6	13	7
	18	60	1011·6	–	52·2	2·4	11·2	83	6·4	3	7	1	11	9
York	9	53	1013·4	+0·5	49·8	1·6	10·8	89	7·0	2	5	4	5	15
Yorks., E. Riding —	1	70	1012·9	–	47·9	1·0	10·7	93	7·0	5	3	1	10	12
	7	70	1013·0	–	46·1	0·9	10·1	94	7·5	1	6	1	9	14
Driffield	13	70	1012·9	–	56·0	3·9	11·6	76	7·2	0	7	4	7	13
	18	70	1012·8	–	51·3	1·8	11·4	88	6·3	2	10	0	8	11
Spurn Head ..	1	57	1013·5	–	51·6	1·6	11·6	89	6·9	5	1	3	15	7
	7	57	1013·6	+1·3	50·5	1·5	11·2	90	7·4	0	5	5	15	6
	13	57	1013·2	–	55·6	2·9	12·3	82	7·3	0	2	11	11	7
	18	57	1013·5	–	53·6	2·0	12·1	86	7·9	0	1	8	15	7
Lincoln — Cranwell .. H	1	208	1013·6	–	47·0	0·7	10·6	95	5·5	9	4	1	7	10
	7	208	1013·8	–	45·4	0·5	10·2	96	7·0	1	7	3	8	12
	13	208	1013·4	–	55·9	3·4	12·0	80	8·0	0	2	3	13	13
	18	208	1013·2	–	50·7	1·4	11·4	90	6·8	1	7	4	6	13
3 ENGLAND, E.														
Norfolk — Cromer .. H	9	74	1015·1	–	52·2	1·3	12·1	99	6·0	7	0	7	9	8
	1	26	1014·6	–	53·7	2·4	11·8	84	5·8	8	2	3	9	9
Yarmouth	7	26	1014·6	+1·3	51·2	1·5	11·5	90	7·0	2	4	3	15	7
	13	26	1014·7	–	57·4	3·7	12·4	77	7·7	1	1	6	13	10
	18	26	1014·6	–	55·8	2·6	12·7	83	7·5	1	1	8	11	10
Suffolk — Felixstowe Airfield	7	16	1015·1	–	51·5	1·4	11·7	90	7·5	1	3	1	16	10
	13	16	1015·0	–	58·4	3·8	12·8	76	7·4	1	2	5	12	11
	18	16	1015·0	–	55·5	2·9	12·2	81	7·2	0	7	2	9	13
Stradishall ..	1	405	1014·9	–	49·0	1·0	11·1	93	6·5	5	4	2	7	13
	7	405	1015·1	–	47·3	0·7	10·7	95	6·9	2	5	4	10	10
	13	405	1014·6	–	57·6	4·7	11·7	73	7·0	3	1	6	13	8
	18	405	1014·8	–	52·6	2·3	11·4	84	6·5	1	8	3	7	12
Mildenhall H	1	40	1014·3	–	49·3	0·8	11·4	94	7·2	4	4	0	9	14
	7	40	1014·6	–	47·8	0·7	11·0	95	7·5	1	5	3	10	12
	13	40	1014·3	–	58·3	4·0	12·7	77	7·4	2	1	5	14	9
	18	40	1014·3	–	54·1	2·0	12·5	87	7·0	4	3	3	10	11
Cambridge — Cambridge .. H	9	43	1014·8	+1·0	52·4	2·1	11·7	87						
	21	43		–	50·1	1·6	11·1	89	6·0	9	2	4	1	15
Bedford — Dunstable H	1	519	1014·3	–	48·1	0·9	10·7	94	5·5	7	4	5	7	8
	7	519	1014·7	–	47·0	0·7	10·6	95	6·2	6	6	5	8	6
	13	519	1014·1	–	56·1	3·7	11·8	78	7·1	1	4	5	14	7
	18	519	1014·2	–	51·2	1·7	11·3	89	6·7	2	5	6	5	13
Hertford — Rothamsted ..	9	396	1014·5	+0·8	51·1	1·5	11·4	89	6·3	1	10	2	7	11
Essex — Shoeburyness H	7	12	1015·5	–	51·0	1·0	11·9	93	8·0	0	4	3	12	12
	13	12	1015·7	–	58·4	4·2	12·6	76	7·9	1	1	5	14	10
	18	12	1015·4	–	54·9	2·5	12·3	84	7·3	1	5	3	12	10
4 MIDLAND COUNTIES														
Yorks., W.R. — Finningley ..	1	55	1013·0	–	47·4	0·9	10·6	93	6·1	5	6	5	1	14
	7	55	1013·0	–	46·0	0·8	10·2	94	7·9	1	4	0	14	12
	13	55	1012·8	–	56·1	4·0	11·6	76	7·3	2	4	4	11	10
	18	55	1012·8	–	51·9	2·1	11·4	85	7·1	1	6	4	10	10
Harrogate ..	9	478	1012·4	−0·3	48·9	1·6	10·4	88	6·8	1	8	3	7	12
Nottingham — Nottingham ..	9	215	1013·0	−0·3	49·3	1·8	10·4	88	7·1	3	4	3	7	14
	7	542	1013·6	+0·1	47·2	0·9	10·4	93	6·6	2	7	4	7	11
Warwick — Birmingham H	13	542	1013·2	–	55·7	4·2	11·2	74	7·7	0	3	5	14	9
	18	542	1013·2	–	52·5	2·7	11·0	82	7·1	3	5	1	8	14
Honiley	1	431	1013·4	–	46·7	0·5	10·7	97	5·1	9	6	2	3	11
	7	431	1013·7	–	45·1	0·3	10·2	98	7·0	2	5	3	11	10
	13	431	1013·3	–	55·7	3·0	12·3	82	7·5	0	5	5	13	8
	18	431	1013·3	–	51·3	1·3	11·8	92	6·7	3	5	4	10	9

DISTRICT, COUNTY AND PLACE	VISIBILITY: Number of Observations: Fog: 0	1	2	3	Mist Poor Vis.: 4	Mist Mod. Vis.: 5	Mist Good Visibility: 6	7	8	9	WIND, Number of Observations: Force (0-12): 8 or more	6 to 7	4 to 5	1 to 3	Calm	Direction: N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
2 ENGLAND, N.E.																							
Northumberland — Cockle Park ..	0	0	0	0	0	7	14	0	10	0	0	0	2	28	1	0	0	0	4	8	9	9	0
	0	1	1	2	7	10	10	0	0	0	0	0	6	24	1	0	0	1	5	6	7	9	2
Ouston	0	2	1	1	7	2	11	4	3	1	1	0	8	19	2	0	0	1	3	6	5	8	5
	1	0	0	0	7	3	7	6	6	1	0	0	5	23	3	0	1	1	8	5	8	5	0
	0	1	0	0	2	4	6	8	9	1	0	2	12	13	4	0	0	0	4	7	10	6	0
	1	0	0	4	2	2	8	7	6	1	0	2	7	19	3	1	0	2	5	6	7	9	0
Tynemouth ..	1	0	0	0	3	6	8	14	0	1	1	1	11	18	0	0	0	0	2	13	4	9	2
	0	0	0	3	9	3	9	7	0	0	0	2	7	22	0	0	0	0	2	14	10	5	0
	0	0	1	1	8	5	9	11	0	0	1	4	12	14	0	1	0	0	4	12	9	5	0
	0	0	0	0	8	5	9	2	0	0	0	2	10	19	0	1	0	0	5	11	10	3	1
Durham — Durham	0	1	0	3	5	7	10	5	0	0	0	0	2	27	2	0	0	0	1	15	10	0	2
	0	0	0	1	2	4	19	5	0	0	0	1	3	18	9	0	0	2	1	11	7	1	0
Yorks., N. Riding — *Catterick .. H	0	1	4	3	7	1	8	6	1	0	0	0	3	19	9	0	0	0	0	3	10	6	3
	4	2	6	3	3	3	7	6	2	0	0	0	3	22	6	0	0	0	0	8	11	2	2
	0	1	0	7	6	2	4	5	3	0	0	0	7	20	4	0	0	0	0	9	6	9	1
	1	0	3	2	4	4	9	2	5	0	0	0	5	22	4	0	0	0	1	7	11	5	1
Linton-on-Ouse ..	3	0	2	4	5	5	10	2	0	1	0	1	4	15	11	0	0	0	0	8	6	5	1
	2	5	2	4	5	1	8	1	2	1	0	0	1	23	7	1	0	0	0	9	9	2	1
	0	0	0	1	8	5	11	2	2	1	0	0	1	6	19	5	1	0	0	10	9	4	2
	0	0	2	4	3	7	7	3	4	1	0	0	2	21	6	0	0	0	2	7	7	5	3
Scarborough ..	0	2	1	0	1	3	17	6	1	0	0	0	4	20	6	0	0	0	1	5	15	6	2
Thornaby	0	1	0	2	3	6	9	6	4	0	1	0	11	16	3	0	0	0	0	3	13	12	0
	1	2	2	1	4	3	7	5	4	1	0	0	1	18	1	0	0	0	1	3	12	7	3
	0	0	2	1	2	2	8	7	3	0	0	0	2	16	3	0	1	0	1	4	13	9	3
	0	0	2	1	2	3	11	6	6	0	0	0	2	10	16	3	0	1	1	5	12	8	1
York	0	0	2	1	2	–	–	–	–	0	0	0	1	30	0	2	1	0	1	5	16	4	3
Yorks., E. Riding —	2	2	0	3	4	5	12	3	0	0	0	0	5	24	2	1	0	1	5	9	8	3	2
	2	5	1	3	4	3	8	2	2	0	0	0	4	19	8	1	0	1	5	7	4	4	3
Driffield	0	0	0	2	2	6	12	6	2	0	0	0	8	23	0	2	0	1	4	7	9	8	3
	0	2	0	2	7	4	11	2	2	0	0	0	4	25	2	0	1	4	4	9	7	4	0
Spurn Head ..	1	1	0	2	0	2	9	13	0	0	0	0	5	16	0	2	0	0	1	7	10	9	3
	4	1	0	0	2	1	13	9	2	0	0	0	3	15	0	0	1	0	0	5	12	9	8
	3	1	0	0	2	4	9	12	1	0	0	0	5	17	0	1	0	0	1	7	9	8	3
	2	0	1	2	0	5	7	12	1	0	0	1	5	15	0	1	1	0	1	3	9	7	7
Lincoln — Cranwell .. H	1	4	0	2	4	4	14	2	0	0	0	1	6	17	7	0	1	1	0	3	8	7	5
	1	5	1	4	3	3	8	6	1	0	0	0	5	23	3	0	0	1	1	5	10	7	2
	1	1	0	2	1	4	7	7	8	1	0	1	3	15	2	2	0	1	0	8	7	8	4
	0	2	0	2	3	5	10	8	1	0	0	1	6	23	1	3	2	1	5	7	9	3	0
3 ENGLAND, E.																							
Norfolk — Cromer .. H	0	2	0	2	0	5	17	5	0	0	0	0	4	27	0	0	0	1	13	9	3	2	3
	0	1	0	1	1	4	10	14	0	0	0	1	8	19	3	2	0	2	6	4	5	6	3
Yarmouth	0	1	2	1	2	4	7	14	0	0	0	0	6	21	4	3	1	3	3	4	7	5	3
	0	1	1	0	0	1	2	19	0	0	0	1	13	16	1	0	2	2	5	7	7	5	2
	0	1	1	0	0	1	1	14	0	0	0	1	10	18	2	3	1	2	4	6	8	2	1
Suffolk — Felixstowe Airfield	2	2	0	0	2	1	5	3	0	0	0	1	9	20	1	3	1	2	7	5	7	4	3
	1	1	0	0	1	5	12	11	0	0	0	1	9	20	1	3	1	2	4	5	4	5	4
	1	1	0	0	1	6	4	10	8	0	0	1	11	18	1	4	1	2	6	10	7	5	1
Stradishall ..	6	1	1	1	0	5	3	7	8	0	0	1	5	15	10	0	0	0	3	5	9	6	0
	2	7	0	3	2	6	3	3	6	0	0	0	6	18	7	0	0	0	3	5	9	6	0
	0	0	1	0	3	6	10	4	7	0	0	1	11	17	2	2	0	0	1	5	13	6	2
	1	2	0	2	4	4	12	3	3	0	0	0	8	18	5	4	0	1	2	7	11	5	1
	4	2	0	3	2	4	5	4	5	0	0	0	6	21	4	0	0	1	2	10	5	8	1
	4	4	0	1	2	4	5	4	5	0	0	0	5	19	7	1	0	1	9	7	5	1	0
	0	1	0	1	2	4	6	12	1	0	0	1	10	18	2	3	0	1	0	5	9	10	2
	1	0	1	0	7	2	6	3	11	0	0	1	3	23	4	0	0	1	1	10	6	6	2
Cambridge — Cambridge .. H	–	–	–	–	–	–	–	–	–	0	0	1	16	14	0	0	0	1	0	5	5	5	2
	–	–	–	–	–	–	–	–	–	0	0	2	20	9	0	0	0	2	0	2	9	4	6
Bedford — Dunstable H	0	0	2	3	3	0	18	5	0	0	0	0	8	18	5	0	0	1	2	7	5	10	1
	1	3	3	2	0	3	12	5	2	0	0	0	7	17	7	1	0	1	2	9	7	5	6
	0	0	1	2	4	3	8	9	4	2	0	0	3	17	11	2	1	0	3	4	7	11	2
	2	0	0	4	3	1	15	4	2	0	0	0	6	22	3	1	2	1	3	9	5	6	2
Hertford — Rothamsted ..	–	–	–	–	–	–	–	–	–	0	0	0	4	22	5	2	2	4	2	7	5	2	2
Essex — Shoeburyness H	0	3	1	1	5	6	5	2	8	0	0	0	8	19	4	5	0	0	5	7	6	3	1
	0	1	0	0	1	7	6	3	13	0	0	0	7	20	4	2	0	0	3	3	10	7	1
	0	2	0	0	1	6	7	6	9	0	0	0	5	22	4	1	1	4	2	5	8	5	1
4 MIDLAND COUNTIES																							
Yorks., W.R. — Finningley ..	2	1	6	1	4	6	5	6	0	0	0	0	5	20	6	1	0	0	9	9	4	2	0
	4	3	4	4	2	4	3	7	0	0	0	0	4	23	4	0	0	2	7	13	1	1	3
	1	0	0	0	3	7	11	8	1	0	0	0	11	19	1	2	0	0	1	7	12	5	1
	1	0	1	3	9	2	11	3	1	0	0	0	4	24	3	1	0	1	1	6	5	4	2
Harrogate ..	2	3	3	5	3	7	5	2	0	1	0	0	1	28	0	1	1	3	5	8	11	2	0
Nottingham — Nottingham ..	4	3	1	7	5	0	11	0	0	0	0	0	4	27	0	2	0	0	6	3	5	9	6
	0	2	2	3	1	6	6	2	4	0	0	0	8	28	3	1	0	0	2	9	9	7	0
Warwick — Birmingham H	0	1	1	2	3	1	0	7	5	15	0	0	0	8	23	0	3	0	0	6	10	9	3
	1	6	3	7	5	5	4	3	5	4	0	0	0	3	26	2	2	0	0	2	10	7	5
Honiley	3	2	2	3	2	2	3	6	3	4	0	0	1	8	18	5	1	0	0	7	12	5	1
	3	5	1	5	2	2	3	6	4	4	0	0	2	7	23	3	1	1	0	2	7	10	5
	0	1	0	1	2	1	8	2	10	4	0	0	4	6	23	1	1	1	0	2	5	12	2
	0	1	1	3	1	0	10	3	6	1	0	1	4	12	20	1	1	1	0	2	5	12	8
	0	1	1	3	1	0	10	3	6	1	0	1	7	22	1	2	0	2	6	12	6	1	1

* At Scorton from March 9th.

TABLE IV (*continued*)—Summary of Observations at fixed hours OCTOBER, 1943

DISTRICT, COUNTY AND PLACE		Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE: At Mean Sea Level	MEAN PRESSURE: Difference from Average	TEMPERATURE AND HUMIDITY: Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	CLOUD AMOUNT: Mean Amount	CLOUD AMOUNT: No. of Observations 0	1 to 3	4 to 6	7 to 9	10	VISIBILITY: Number of Observations — Fog 0	Fog 1	Fog 2	Fog 3	Mist, Poor Vis., Mod. Vis. 4	5	6	Good Visibility 7	8	9	WIND, NUMBER OF OBSERVATIONS — Force (0-12): 8 or more	6 to 7	4 to 5	1 to 3	Calm	Direction: N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
		G.M.T.	ft	mb	mb	°F	°F	mb	%																												
4 MIDLAND COUNTIES—*cont.*																																					
Oxford	Oxford	9	212	1014·7	+0·3	50·5	1·7	11·0	87	6·7	2	8	2	4	15	1	3	3	2	5	3	8	1	5	0	0	0	4	23	4	3	0	1	8	7	5	2	1
		1	243	1014·0	–	47·3	0·9	10·6	95	6·0	8	3	2	6	12	0	6	0	5	2	4	8	2	4	0	0	0	3	22	6	2	0	3	4	3	9	2	2
	Upper Heyford ..	7	243	1014·0	–	45·4	0·6	10·1	97	7·5	1	5	2	9	14	1	7	0	4	2	3	1	0	0	3	0	0	3	21	7	2	0	5	3	7	3	4	0
		13	243	1013·8	–	55·6	3·7	11·6	79	7·8	2	1	3	13	12	0	0	2	2	7	0	4	3	10	3	0	0	0	7	22	2	4	0	1	6	6	8	3	1
		18	243	1013·5	–	52·4	2·2	11·5	86	7·5	3	3	3	8	14	1	0	0	0	5	6	1	7	3	6	2	0	1	4	22	4	2	1	4	4	7	5	3	1
Shropshire	Shrewsbury H	9	186	1012·7	–	50·6	2·0	10·9	86	6·8	2	4	8	4	13	0	1	0	0	1	1	2	10	6	10	0	0	2	7	20	2	0	0	1	1	1	1	4	1
		1	295	1012·9	–	47·1	0·9	10·4	93	5·5	6	8	2	2	13	1	0	0	0	9	5	1	5	2	8	0	0	1	7	20	3	0	0	0	2	14	8	1	3
	Tern Hill	7	295	1013·0	–	46·1	0·9	10·1	94	7·2	0	7	5	9	10	1	1	0	0	4	4	5	7	4	1	4	0	3	3	23	2	2	0	0	3	18	3	1	2
		13	295	1012·0	–	55·9	4·1	11·5	75	8·3	0	2	2	17	10	0	0	0	0	0	2	14	2	6	7	0	3	11	16	1	3	1	0	1	12	5	7	1	0
		18	295	1012·6	–	52·1	2·4	11·2	84	6·8	1	8	1	13	8	0	0	1	1	2	2	13	4	3	5	0	0	0	6	24	1	2	2	0	4	11	7	4	0
Hereford	Ross-on-Wye H	7	226	1013·3	0·0	46·2	1·0	10·1	92	6·8	0	9	3	7	12	0	4	3	0	2	0	7	8	7	0	0	0	4	26	1	1	0	2	2	9	10	5	1
		13	226	1012·9	–	57·6	4·6	11·6	72	6·6	0	6	9	10	6	0	0	0	0	2	7	4	18	6	1	0	0	0	7	24	0	2	1	0	4	7	11	5	1
		18	226	1012·7	–	52·9	2·6	11·3	83	6·0	2	8	4	10	7	0	0	0	0	2	3	13	6	6	1	0	0	0	4	27	0	0	3	3	5	9	9	2	0
Gloucester	Cheltenham H	9	230	1014·2	+0·4	52·1	2·0	11·5	87	7·9	0	0	8	11	12	1	0	1	0	1	1	2	1	15	8	1	0	0	0	0	27	4	1	0	0	4	7	6	5	4	3
		21	230	1014·0	–	50·4	1·2	11·5	92	6·2	4	0	12	8	7	0	1	0	0	0	0	21	10	1	0	0	0	0	1	21	9	0	0	0	5	0	14	0	3
5 ENGLAND, S.E.																																					
		9	152	1015·3	+0·9	53·0	1·9	12·0	87	7·4	2	5	2	7	15	1	3	2	2	5	5	13	0	0	0	0	0	4	15	12	0	1	0	3	5	8	2	0
		15	152	1014·3	–	58·4	4·9	11·8	71	7·0	3	2	4	14	8	–	–	–	–	–	–	–	–	–	–	0	0	8	17	6	1	2	3	2	5	11	0	1
London	Greenwich .. H	21	152	1015·0	–	51·3	1·7	11·4	88	6·9	5	5	1	2	18	–	–	–	–	–	–	–	–	–	–	0	0	4	23	4	1	3	3	5	4	10	1	0
		h.*	152	1014·8	+0·7	52·8																															
		7	34	1014·9	+0·7	49·4	1·0	11·2	94	8·5	0	3	2	9	17	1	6	1	0	6	7	6	2	2	0	0	0	1	25	5	2	2	4	1	6	9	2	0
		13	34	1014·5	–	57·1	4·1	11·9	76	7·8	2	1	2	19	7	0	0	1	2	4	3	4	4	13	0	0	0	6	24	1	4	1	1	4	7	11	1	1
	Kew Obs'y. H	18	34	1014·4	–	53·9	2·4	11·9	84	6·8	3	5	4	7	12	1	0	2	5	6	7	7	2	1	0	0	0	3	26	2	1	2	5	7	5	7	1	1
		21	34	1014·8	–	51·6	1·5	11·6	90	7·2	5	2	3	6	15	2	1	3	4	4	5	10	2	0	0	0	0	0	29	2	2	2	7	3	5	8	2	0
		h.*	34	1014·6	+0·4	52·5	2·1	11·7	87																													
		9	66	–	–	52·6	1·5	12·1	89	7·5	0	5	4	13	9	–	–	–	–	–	–	–	–	–	–	0	0	4	27	0	2	3	1	4	3	12	6	0
	Kensington.. ..	15	66	–	–	58·5	4·1	12·7	76	6·6	0	2	12	15	2	–	–	–	–	–	–	–	–	–	–	0	0	6	25	0	1	2	4	1	5	14	2	0
		18	66	–	–	54·8	2·5	12·3	84	6·0	0	11	5	11	4	–	–	–	–	–	–	–	–	–	–	0	0	3	28	0	1	3	2	2	3	15	4	1
		1	225	1015·6	–	49·9	0·9	11·6	93	5·7	4	8	5	4	10	1	5	2	5	3	3	7	3	2	0	0	0	5	16	10	0	1	1	4	7	7	1	0
		7	225	1015·7	–	49·1	0·8	11·4	95	8·2	1	2	2	11	15	3	4	0	3	6	1	7	5	2	0	0	0	3	21	7	0	1	1	9	9	3	1	0
Surrey	Croydon .. H	13	225	1015·5	–	58·1	4·7	12·0	73	7·6	2	1	3	18	7	0	0	3	3	2	5	2	8	8	0	0	0	10	17	4	1	0	2	6	6	7	2	3
		18	225	1015·1	–	53·9	2·4	12·0	85	6·7	0	7	5	10	9	0	3	3	4	5	7	8	1	0	0	0	0	6	20	5	1	0	5	3	10	6	1	0
	Wisley	9	85	1015·5	–	51·6	1·4	11·8	91	8·7	0	1	5	4	21	0	7	3	0	3	3	5	10	0	0	0	0	0	19	12	0	1	3	2	2	10	1	0
		7	—	–	–	53·5	0·8	13·2	95	8·1	0	2	3	17	9	0	1	0	0	1	4	8	13	4	0	0	4	7	20	0	1	2	2	5	7	4	1	9
Kent	Dungeness ..	13	—	–	–	59·0	2·5	14·5	85	7·4	0	4	5	17	5	0	0	0	0	0	2	8	17	2	1	0	5	8	18	0	2	5	3	4	7	8	0	2
		18	—	–	–	57·4	1·4	14·7	91	7·5	0	4	6	11	10	0	1	0	0	0	3	10	13	5	1	1	2	9	19	0	2	5	3	5	6	8	2	0
		1	344	1015·5	–	51·7	1·1	12·2	93	5·7	8	4	3	5	11	0	3	1	0	4	5	10	6	2	0	0	0	6	22	3	5	6	2	1	2	7	4	1
		7	344	1015·6	+1·3	51·5	1·0	12·2	93	7·9	2	2	2	15	10	0	4	0	1	4	5	2	9	3	0	0	0	6	24	1	4	4	2	3	6	9	5	0
	Lympne .. H	13	344	1015·5	–	57·4	3·6	12·6	79	7·9	1	1	5	15	9	0	0	0	0	7	3	11	1	0	0	0	12	19	0	3	4	1	4	5	9	5	0
		18	344	1015·4	–	53·7	1·9	12·3	87	7·4	2	4	3	10	12	0	1	0	0	7	1	8	6	7	0	0	0	1	5	22	3	1	6	1	4	5	7	3	1
		1	156	1015·1	–	52·9	1·6	12·3	90	7·1	4	3	3	9	12	0	2	0	0	2	2	5	14	6	0	0	0	0	4	21	6	3	3	0	3	7	6	3	0
		7	156	1015·3	–	51·5	1·3	11·9	91	8·2	0	3	3	15	10	1	2	2	0	3	3	6	6	6	0	0	0	5	20	6	2	1	1	3	9	4	3	2
	Manston .. H	13	156	1015·4	–	57·8	4·3	12·2	75	7·8	0	3	5	15	8	0	0	1	1	0	7	7	1	14	0	0	0	3	8	18	2	3	4	1	1	1	9	7	1	3
		18	156	1015·3	–	54·7	2·7	12·1	83	7·6	0	5	2	14	10	0	2	1	0	4	2	6	6	10	0	0	1	8	21	1	5	4	1	5	10	5	0	1
	Tunbridge Wells ..	9	407	1015·5	+0·7	51·9	0·8	12·4	94	7·8	2	2	3	12	12	0	1	1	0	1	4	8	6	8	0	0	1	7	23	0	2	7	1	5	3	10	2	1
Sussex	Hastings .. H	9	154	1015·3	+0·9	55·3	2·2	13·0	86	7·9	2	2	4	6	17	0	0	1	0	3	9	11	0	7	0	0	1	5	22	3	2	7	1	4	2	8	2	2
		1	10	1014·7	–	51·1	1·1	11·8	92	6·6	6	7	1	10	7	0	0	2	1	4	5	9	9	1	0	0	1	3	21	6	2	4	3	0	4	6	3	3
	Thorney Is. ..	7	10	1014·7	–	50·1	0·9	11·5	93	7·4	4	1	5	18	3	0	3	0	1	6	1	3	9	5	3	0	1	3	19	8	2	3	4	1	2	6	2	3
		13	10	1014·7	–	50·3	4·7	13·0	73	7·0	0	3	10	13	5	0	0	0	0	1	2	6	5	8	9	0	0	12	19	0	2	1	3	6	6	9	3	1
		18	10	1014·4	–	55·0	1·8	12·6	85	6·1	4	6	4	10	7	0	0	0	1	4	4	10	5	7	0	0	0	1	6	19	5	3	0	3	5	7	5	2	1
Hampshire	Southampton ..	9	84	1014·9	–	55·8	2·8	12·5	82	7·2	2	3	3	13	10	0	0	3	1	4	3	10	6	4	0	0	0	11	14	6	1	2	1	1	5	8	1	2
		21	84	1014·8	–	51·9	1·2	12·1	92	6·3	5	4	4	6	12	0	0	0	2	4	3	16	5	0	0	0	0	5	23	3	1	4	1	5	4	8	4	1
		1	231	1014·7	–	47·7	0·8	10·8	94	7·1	4	4	3	6	14	3	4	2	1	5	0	8	5	3	0	0	0	2	18	11	1	0	1	4	3	5	6	0	1
	S. Farnborough H	7	231	1014·9	+1·0	47·0	0·7	10·7	95	8·2	1	4	1	7	18	4	6	2	1	0	4	8	1	5	0	0	0	0	24	7	0	1	4	5	5	4	4	1
		13	231	1014·4	–	58·3	4·1	12·6	76	7·3	1	1	8	15	6	0	0	1	0	3	2	8	3	14	0	0	0	9	22	0	1	1	2	4	6	8	8	1
		18	231	1014.2	–	54·1	2·4	12·1	84	6·5	4	5	4	7	11	1	0	1	2	3	4	9	5	6	0	0	0	2	24	5	0	1	2	6	7	6	3	1
I. of Wight	Ventnor (Hosp.)	9	80	–	–	56·2	2·4	13·1	84	6·9	0	6	6	9	10	–	–	–	–	–	–	–	–	–	–	0	1	8	22	0	3	1	6	2	4	5	7	3
		15	80	–	–	59·3	3·9	13·3	77	6·6	3	7	9	6	6	–	–	–	–	–	–	–	–	–	–	0	3	12	16	0	0	2	4	5	3	8	9	0
		1	420	1014·6	–	47·5	0·6	10·8	95	6·2	8	4	7	4	8	0	2	3	0	4	4	7	7	2	0	0	0	3	21	7	3	0	6	3	5	5	2	0
Wiltshire	Amesbury H	7	420	1014·6	–	46·4	0·4	10·6	97	7·2	0	4	8	6	13	1	3	0	0	2	5	7	8	5	0	0	0	4	20	7	3	0	6	8	2	4	0	1
	(Boscombe Down)	13	420	1014·2	–	57·7	4·0	12·3	76	7·6	0	3	6	14	8	0	0	0	1	1	0	6	11	12	0	0	1	11	15	4	1	1	0	4	7	10	3	1
		18	420	1014·0	–	52·3	1·8	11·8	88	6·6	1	6	5	10	9	0	0	0	0	2	3	12	10	4	0	0	1	6	23	1	3	2	1	6	6	8	1	3
		9	444	1014·7	–	50·8	1·4	11·5	91	7·1	1	6	4	11	9	0	2	3	0	4	5	9	6	2	0	0	0	3	22	6	3	0	3	4	6	4	4	0
	Larkhill .. H	13	444	1014·0	–	57·0	4·1	11·9	75	7·5	0	5	5	13	8	0	0	0	1	0	5	8	11	5	1	0	0	8	22	1	3	0	5	2	5	10	4	1
		15	444	1013·6	–	57·2	4·1	12·0	76	7·5	0	4	6	14	7	0	0	0	0	0	3	12	8	7	1	0	0	10	19	2	3	1	4	2	5	10	4	0
7a ENGLAND, N.W.																																					
Lancashire	Hutton	9	86	1011·2	–0·9	52·1	1·6	11·8	89	6·6	1	2	13	10	5	–	–	–	–	–	–	–	–	–	–	0	1	2	21	7	0	0	0	9	5	6	0	4
	Manchester	9	127	1012·4	–0·4	51·7	2·0	11·3	86	6·5	2	5	6	8	10	–	–	–	–	–	–	–	–	–	–	0	2	2	24	3	0	0	0	8	8	8	3	1
	(Whitworth Pk.)	21	127	1012·4	–	50·7	1·9	10·9	86	6·7	6	7	1	6	11	–	–	–	–	–	–	–	–	–	–	0	1	5	18	7	0	0	0	7	6	9	0	0
	Southport †H	9	37	1012·4	–0·5	50·6	1·7	11·0	87	8·0	0	3	5	10	13	0	1	0	4	12	4	6	2	2	0	0	1	5	22	3	1	1	0	9	9	3	3	2
	(Bedford Rd. Park)	15	37	1011·3	–	55·8	3·9	11·5	76	7·4	0	5	5	9	12	0	1	0	2	8	5	9	3	3	0	0	0	2	8	20	1	1	0	0	6	9	4	6	4
		21	37	1011·5	–	50·1	2·0	10·7	86	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0	0	0	8	21	2	1	0	0	8	12	10	3	0
	Stonyhurst ..	9	381	1012·4	–0·6	49·8	1·7	10·7	88	6·8	2	5	7	2	15	0	0	0	2	16	7	6	0	0	0	0	0	6	21	4	1	4	4	3	7	8	0	0
		21	381	1012·2	–	49·5	1·9	10·4	86	7·3	5	3	0	6	17	–	–	–	–	–	–	–	–	–	–	0	0	7	20	4	2	3	2	6	5	6	3	0
Cheshire	Bidston Obs'y. ..	9	202	1012·3	–0·4	50·5	1·7	11·0	88	7·9	0	2	5	16	8	0	0	1	3	8	13	0	4	2	0	0	0	11	19	1	2	0	0	8	10	3	0	0
		1	261	1012·4	–	48·7	1·5	10·5	89	6·9	6	6	2	7	10	1	0	3	0	6	2	9	9	1	0	0	0	1	9	18	3	1	0	0	0	7	15	4	2	0
	Manchester H	7	261	1012·4	–	48·0	1·3	10·5	91	7·6	1	4	3	13	10	2	1	2	0	2	8	4	6	6	0	0	0	1	6	20	4	0	0	0	0	8	14	4	0	1
	(Ringway)	13	261	1012·2	–	55·4	3·8	11·4	77	7·8	0	3	6	13	9	0	0	1	0	4	3	6	4	3	0	0	0	2	14	13	2	0	0	0	4	4	4	0	3
		18	261	1012·2	–	52·1	2·5	11·1	83	7·1	0	8	2	11	10	0	0	0	0	10	4	11	2	3	1	0	0	2	7	20	2	0	0	1	8	12	3	2	3
7b NORTH WALES																																					
		1	19	1012·1	–	47·8	1·4	10·2	89	6·9	3	5	2	11	10	0	3	4	0	6	3	11	2	2	0	0	0	2	21	8	0	0	0	6	13	2	1	1
Flint	Sealand .. H	7	19	1012·0	–	46·9	1·3	10·1	91	7·6	0	3	5	14	9	0	0	0	6	6	3	8	4	2	1	0	0	3	21	7	0	0	1	8	11	1	3	0
		13	19	1012·0	–	56·6	4·3	11·4	73	8·3	0	3	1	19	8	0	0	0	0	0	4	19	5	8	4	0	1	8	20	2	2	0	0	4	12	4	3	4
		18	19	1011·8	–	52·9	2·7	11·2	82	7·0	0	7	5	8	11	0	0	0	1	3	4	16	3	5	1	0	0	3	20	8	0	0	0	7	10	1	2	3

†Visibility at Hesketh Park (at 9h. and 15h.); wind at Marshside. * Mean of hourly readings.

TABLE IV (*continued*)—Summary of Observations at fixed hours OCTOBER, 1943

DISTRICT, COUNTY AND PLACE		Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE: At Mean Sea Level	MEAN PRESSURE: Difference from Average	TEMPERATURE AND HUMIDITY: Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	CLOUD AMOUNT: Mean Amount	No. of OBSERVATIONS: 0	1 to 3	4 to 6	7 to 9	10	VISIBILITY: NUMBER OF OBSERVATIONS: FOG: 0	1	2	3	MIST, POOR VIS., MOD. VIS.: 4	5	6	GOOD VISIBILITY: 7	8	9	WIND, NUMBER OF OBSERVATIONS: FORCE (0-12): 8 or more	6 to 7	4 to 5	1 to 3	Calm	DIRECTION: N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
		G.M.T.	ft	mb	mb	°F	°F	mb	%																												
7b NORTH WALES—*cont.*																																					
Anglesey	Holyhead ... H	1	34	1010·8	–	50·9	1·7	11·3	88	6·6	1	8	4	8	10	0	0	0	0	0	1	8	8	14	0	2	5	13	7	4	2	0	3	5	9	5	1	2
		7	34	1010·8	–0·9	51·0	2·0	11·1	86	6·6	0	5	10	9	7	0	0	0	0	0	0	3	5	18	5	1	10	6	11	3	1	0	2	7	9	6	1	2
	(Valley)	13	34	1011·0	–	56·9	4·1	11·8	75	7·3	0	6	3	15	7	0	0	0	0	0	1	4	9	9	8	3	9	8	11	0	1	0	0	3	14	8	2	3
		18	34	1010·7	–	53·2	2·4	11·7	84	7·3	0	6	4	13	8	0	0	0	1	1	0	6	6	16	1	1	7	10	12	1	0	0	0	6	14	6	1	3
Carnarvon	Llandudno ..	9	33	1011·5	..	53·4	3·3	10·9	78	6·9	2	3	5	19	2	0	0	0	0	0	0	2	9	20	0	0	0	6	25	0	0	0	1	7	9	10	4	1
8a SOUTH WALES.																																					
Cardigan	Aberporth	7	379	1011·9	–	49·5	1·5	10·9	89	6·8	0	6	6	11	8	0	0	0	0	0	1	4	10	9	7	0	0	18	13	0	3	0	0	3	14	9	1	1
		13	379	1012·0	–	54·8	3·4	11·5	78	7·2	0	6	4	13	8	0	0	0	0	1	0	5	10	6	9	0	2	18	10	1	1	2	0	3	12	7	5	0
		18	379	1011·8	–	51·8	2·1	11·3	85	7·2	0	6	5	11	9	0	0	0	0	0	1	2	16	2	10	0	1	11	17	2	1	2	0	3	14	6	3	0
Pembroke	St. Ann's Head ..	1	152	1011·8	–	53·8	1·8	12·5	88	6·8	0	7	6	10	8	0	0	0	0	1	0	2	4	24	0	0	8	11	11	1	4	0	2	3	5	10	5	1
		7	152	1011·5	–0·8	53·8	1·8	12·5	88	6·8	0	2	12	13	4	0	0	0	0	1	0	1	9	20	0	0	7	13	10	1	3	3	0	5	9	6	2	2
		13	152	1011·8	–	55·9	2·9	12·5	82	7·7	0	3	4	17	7	0	0	0	0	0	0	3	12	16	0	1	7	11	11	1	1	1	1	5	5	11	4	2
		18	152	1011·3	–	54·5	2·1	12·5	86	7·6	0	4	4	16	7	0	0	0	0	0	0	5	9	17	0	1	10	6	14	0	2	1	0	4	5	10	7	2
Radnor	Rhayader	9	—	–	–	48·9	1·3	10·7	91	7·8	2	2	4	9	14	0	2	0	1	0	0	10	11	7	0	0	0	0	31	0	0	2	0	10	5	7	1	6
Glamorgan	Cardiff	9	203	1014·7	+0·4	53·2	2·3	11·7	85	6·4	2	7	5	7	10	0	0	0	0	1	3	18	7	2	0	0	0	3	28	0	1	4	8	0	2	13	3	0
		1	147	1013·9	–	50·2	1·0	11·6	93	5·6	5	6	4	9	7	0	0	0	0	4	2	15	6	4	0	0	0	6	21	4	1	0	1	3	4	10	5	3
	St. Athan ..	7	147	1013·8	–	49·9	1·1	11·4	92	7·3	1	5	5	10	10	0	0	3	1	3	2	8	6	8	0	0	1	3	26	1	4	1	4	7	2	8	4	0
		13	147	1013·8	–	57·4	3·8	12·5	77	6·6	0	7	6	9	9	0	0	1	0	4	1	7	9	8	2	0	0	8	22	1	0	1	0	8	4	7	9	1
		18	147	1013·3	–	53·4	2·0	12·1	87	6·2	1	8	8	4	10	0	0	0	0	3	2	12	5	8	1	0	0	10	21	0	0	0	1	6	2	11	8	3
8b ENGLAND, S.W.																																					
Somerset	Bath	9	113	1014·0	+0·1	52·2	2·0	11·5	86	5·4	5	8	4	4	10	0	3	1	0	3	4	9	1	10	0	0	0	3	24	4	1	4	6	3	2	4	6	1
		1	236	1014·0	–	46·9	0·9	10·4	93	5·1	9	6	1	6	9	0	2	0	2	3	2	12	8	2	0	0	0	5	16	10	1	0	1	3	8	6	2	0
	Bristol	7	236	1014·0	–	47·0	1·0	10·4	93	7·0	1	6	3	11	10	2	2	1	3	1	1	9	5	7	0	0	0	2	21	8	0	1	1	5	8	6	0	2
	(Airport) H	13	236	1013·8	–	58·2	4·7	11·9	72	6·9	0	5	7	14	5	0	0	0	0	0	3	7	10	11	0	0	0	0	7	24	0	2	2	0	7	8	9	3	0
		18	236	1013·4	–	52·5	2·3	11·5	84	6·6	1	7	4	8	11	0	0	0	1	1	4	17	5	3	0	0	0	4	24	3	1	0	0	4	9	11	3	0
Dorset	Holton Heath H	9	58	1014·8	–	53·3	1·8	12·3	89	6·5	3	5	5	9	9	0	1	1	0	1	9	1	7	8	3	0	0	7	13	11	3	0	1	3	5	3	4	1
		15	58	1013·7	–	58·5	4·3	12·5	75	6·5	2	3	11	8	7	0	0	0	0	0	2	6	13	2	1	0	2	7	19	3	2	1	1	6	6	10	2	0
		1	37	1014·2	–	55·4	1·6	13·5	90	7·6	1	2	5	11	12	0	0	0	0	0	0	0	14	17	0	0	2	11	18	0	1	2	3	5	3	14	1	2
	Portland Bill ..	7	37	1013·9	+0·7	55·6	1·7	13·5	95	8·9	0	0	1	12	18	0	0	0	0	0	0	0	10	21	0	0	0	15	16	0	4	2	1	4	4	10	4	2
		13	37	1014·2	–	58·9	1·7	15·3	90	8·4	0	0	3	16	12	0	0	0	0	0	0	0	6	25	0	0	1	18	12	0	0	2	2	7	3	12	3	2
		18	37	1013·6	–	56·9	1·7	14·1	89	8·4	0	1	4	10	16	0	0	0	0	0	0	0	14	17	0	0	2	14	15	0	1	2	4	5	3	11	1	4
		1	305	1012·2	–	52·7	1·5	12·2	90	6·0	2	9	3	12	5	0	0	0	0	0	0	4	7	20	0	0	1	11	19	0	2	1	1	4	7	8	7	1
Devon	Hartland Pt. ..	7	305	1011·9	–	52·3	1·4	12·1	90	6·7	0	7	6	13	5	0	0	0	0	0	0	2	11	18	0	0	0	14	17	0	2	1	1	5	7	10	3	2
		13	305	1012·0	–	56·0	2·5	12·9	84	7·0	0	3	12	9	7	0	0	0	0	0	0	9	3	15	4	0	1	12	17	1	2	1	1	3	5	7	9	2
		18	305	1011·6	–	54·3	1·8	12·7	88	6·5	0	8	6	12	5	0	0	0	0	0	0	3	10	17	1	0	0	9	22	0	1	1	4	1	7	6	9	2
		1	27	1013·9	–	51·6	1·3	12·0	91	6·0	5	3	7	7	9	0	0	0	0	2	4	12	10	3	0	0	3	7	19	2	1	3	1	7	4	8	5	0
	Plymouth H	7	27	1013·5	+0·1	51·0	1·1	12·0	92	7·0	0	6	2	16	7	0	1	1	1	0	2	15	7	4	0	0	1	8	21	1	0	2	4	9	3	9	3	0
	(Mount Batten) ..	13	27	1013·3	–	58·1	3·7	12·8	78	7·3	0	6	2	15	8	0	0	0	0	0	0	7	10	12	2	0	2	13	16	0	2	0	1	5	6	12	3	2
		18	27	1013·1	–	54·8	2·2	12·5	85	6·0	1	8	5	7	10	0	0	0	0	0	4	14	8	5	0	0	2	9	19	1	2	1	1	5	10	2	4	
		1	240	1013·4	–	52·9	1·4	12·4	91	6·2	1	7	8	7	8	0	0	0	0	1	3	2	16	9	0	0	0	6	7	15	3	2	3	0	4	7	7	3	2
Cornwall	The Lizard ..	7	240	1012·7	–	53·0	1·2	12·6	92	7·8	0	2	7	14	8	0	2	0	1	0	2	2	10	14	0	0	0	5	12	11	3	3	2	0	4	6	8	2	3
		13	240	1012·8	–	56·9	2·8	13·1	83	7·1	0	1	13	10	7	0	0	0	1	0	2	3	8	17	0	0	0	4	15	10	2	1	3	2	5	5	10	2	1
		18	240	1012·6	–	54·2	1·7	12·7	88	7·6	0	0	11	16	4	0	0	0	1	1	1	3	8	17	0	0	0	5	13	10	3	1	1	1	5	3	12	1	4
	Newquay ..	9	185	1012·2	–1·2	54·4	1·9	12·6	87	8·0	0	5	4	2	20	0	0	0	0	0	1	6	9	10	5	0	3	12	16	0	3	2	5	4	5	4	8	0
NORTHERN IRELAND																																					
Antrim	Aldergrove H	1	271	1008·3	–	48·4	1·5	10·4	89	7·1	1	4	6	8	12	0	0	0	0	0	0	8	9	14	0	0	0	8	18	5	0	0	0	7	13	2	4	0
		7	271	1007·9	–	47·8	1·6	10·2	88	7·2	1	5	4	11	10	0	0	0	2	0	0	4	11	13	1	0	0	1	12	15	4	2	0	0	1	7	13	5	1	0
		13	271	1007·8	–	54·4	3·4	11·4	79	7·5	1	4	5	10	11	0	0	0	0	1	0	1	3	7	12	7	0	0	1	16	12	2	0	0	0	5	14	5	5	0
		18	271	1007·7	–	51·2	2·1	11·1	85	7·9	0	4	2	13	12	0	0	0	0	0	1	7	7	14	2	0	0	12	16	3	0	0	0	6	13	7	2	0
Armagh	Armagh .. H	9	209	1007·7	–7·8	51·0	2·1	10·9	86	7·0	2	4	5	4	16	0	0	0	0	2	0	0	8	21	0	0	1	4	26	0	1	0	0	3	18	5	4	0
		21	209	1008·0	–	49·5	1·7	10·6	88	7·4	1	4	2	14	10	0	0	0	0	0	0	1	15	15	0	1	0	2	27	1	0	0	1	1	22	2	2	2
Scilly	St. Mary's..	1	199	1012·5	–	53·4	1·9	12·1	87	6·0	2	6	9	7	7	0	0	0	0	1	2	3	5	20	0	0	1	17	9	4	3	0	1	3	7	7	5	1
		7	199	1011·6	–1·4	53·2	1·8	12·2	88	7·5	1	2	8	10	10	0	0	0	0	0	1	5	9	13	3	0	2	15	13	1	4	0	0	3	8	7	6	2
		13	199	1012·2	–	57·4	3·5	12·7	79	7·8	0	3	7	11	10	0	0	1	0	0	0	6	7	15	2	1	1	19	9	1	3	1	0	4	6	9	5	2
		18	199	1011·9	–	54·3	2·5	12·1	84	8·2	0	3	2	16	10	0	0	0	0	1	0	5	6	18	1	0	2	14	15	0	4	2	0	4	5	10	3	3
GIBRALTAR	.. .. H	1	400	1017·1	–	62·0	3·0	15·9	83	4·1	7	7	7	9	1	0	0	0	0	0	0	0	0	16	15	0	3	12	15	1	0	7	5	0	0	1	14	3
		7	400	1016·9	–	61·4	2·6	15·9	85	5·2	1	10	6	13	1	0	0	0	0	0	0	0	1	17	13	0	4	11	15	1	0	7	4	0	0	1	14	4
		13	400	1016·8	–	67·3	6·1	15·8	69	5·3	0	10	10	9	2	0	0	1	0	0	0	0	0	13	17	0	4	13	13	1	0	6	5	0	0	6	13	0
		18	400	1016·6	–	64·0	3·8	16·2	79	5·3	1	7	11	12	0	0	0	0	0	0	0	0	0	10	21	0	3	11	16	1	0	6	5	1	0	5	13	0
MALTA	.. .. H	1	234	1015·7	–	69·5	2·9	21·1	85	4·0	2	14	8	5	2	0	0	0	0	0	0	1	2	28	0	0	0	4	24	3	1	5	2	6	1	4	3	6
		7	234	1015·8	–	69·8	3·6	20·6	82	4·9	0	15	4	10	2	0	0	0	0	0	0	0	3	19	2	0	0	6	24	1	2	3	6	3	3	4	2	7
		13	234	1015·3	–	74·4	5·9	21·3	73	5·2	0	11	6	14	0	0	0	0	0	0	0	0	2	15	14	0	0	0	11	20	0	0	3	8	4	3	2	6
		18	234	1015·6	–	70·8	3·8	21·0	81	5·5	0	20	5	6	0	0	0	0	0	0	0	0	0	30	1	0	0	3	28	0	2	3	6	4	1	1	8	6

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MONTHLY WEATHER REPORT OF THE METEOROLOGICAL OFFICE

SUMMARY OF OBSERVATIONS COMPILED FROM RETURNS OF OFFICIAL STATIONS AND VOLUNTEER OBSERVERS

PUBLISHED BY HIS MAJESTY'S STATIONERY OFFICE. To be purchased directly from H.M. STATIONERY OFFICE at the following addresses: York House, Kingsway, London W.C.2; 120 George Street, Edinburgh 2; 39–41 King Street, Manchester 2; 1 St. Andrew's Crescent, Cardiff; 80 C... Belfast, or through any bookseller.

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NOVEMBER, 1943. — Dry on the whole; mild, then rather cold.

The weather of the month was mainly unsettled, but in spite of this, rainfall was generally below the average. Showers of sleet or snow occurred locally at times, chiefly from the 13th–18th and during the last week.

During the opening days a complex depression was centred over the south-western districts and filled up without much movement; meanwhile, an anticyclone near the Faeroes moved east and then south and intensified. Dull, mild, wet weather prevailed on the 1st and 2nd, and there was scattered rainfall, with good sunshine records locally on the 3rd. By the 4th pressure was high over the Skagerrak with a wedge extending south-west over England, while a depression approached Iceland from the south-west. A fair day was experienced over most of England, but rain fell in Scotland and Ireland. A trough of low pressure moving south-east over the British Isles was associated with rain on the 5th and subsequently showers and bright periods. Some rain or showers occurred in the west and north on the 7th, but at many places in Britain there were long sunny periods. On the 8th a trough of low pressure followed by a wedge moved east over Britain; slight rain or showers occurred on the 8th, and rain at some places in the north-west and north on the 9th. A deep depression off north-west Scotland moved north-east on the 10th and was associated with general rain, and fairly widespread gales in the west and north. On the 11th a depression off south-east Iceland moved rapidly east-south-east, and on the 12th another disturbance moved south-east from Iceland; rain or showers occurred, and there were rather widespread gales in the west and north on the 12th.

In the rear of these disturbances high pressure became established on the North Atlantic and a spell of cold weather ensued over the British Isles, with mainly northerly winds, wintry showers and local thunderstorms. Gales were reported at exposed stations between the 13th and 15th. On the 21st and 22nd the anticyclone receded south-westward, and a depression northward of Iceland moved east, while associated troughs moved south-east over the British Isles. There was slight precipitation in most areas and sunshine records were mainly poor. On the 23rd and 24th an intense depression moving east over Scotland was associated with strong winds and gales at exposed places; rain occurred and the falls were heavy in the north-west on the 23rd. In the rear of this disturbance there was another break through of polar air, with showers, bright periods and local thunder. A wedge of high pressure moved across the British Isles on the 26th; it was followed on the 27th by a trough of low pressure, which was accompanied by dull weather and general rain. On the 28th a secondary depression moved east over the north of Scotland; rain or showers occurred and there was a rise in temperature. Subsequently a depression north of the Faeroes moved south-east and behind it there was a rapid rise in pressure over the British Isles; showery weather prevailed, with bright periods, local sleet and thunder at one or two places.

Pressure and Wind.—Mean pressure exceeded the average, the excess being greatest in the west. In Britain the deviation at 7h. ranged from + 4·9 mb. at Tiree to + 0·6 mb. at Yarmouth, and winds from some westerly or northerly point were thus more prevalent than usual. In Scotland there was a five days' excess of west and north-west winds. Gales were frequent in the west and north-west, being reported on 10 days at Holyhead, 7 days at St. Ann's Head and 6 days at Duntuilm, Point of Ayre and Castlerock. Among the highest speeds registered in gusts were 66 m.p.h. at Paisley on the 10th, 78 m.p.h. at Lerwick and 75 m.p.h. at Kirkwall on the 13th, 74 m.p.h. at South Shields and 70 m.p.h. at Durham on the 14th, and 73 m.p.h. at St. Ann's Head and 67 m.p.h. at Manchester (Ringway) on the 29th.

Temperature.—Mean temperature was somewhat above the average on the whole, but it was very slightly below in England, E. and S.E. The deviations for the districts ranged from + 1·5°F. in Northern Ireland to —0·4°F. in England, S.E. The first five or six days were very mild, but the period 13th or 14th to 27th was mainly cold, though day temperature was high in Scotland on the 20th.

The extremes for the month were:—(England and Wales) 64°F. at Cromer and Shoeburyness on the 3rd, 21°F. at Welshpool on the 17th and 19th; (Scotland) 62°F. at Edinburgh University and Kilmarnock on the 3rd, 17°F. at Braemar on the 27th; (Northern Ireland) 59°F. at Armagh on the 3rd and Castlerock on the 4th; 28°F. at Armagh on the 15th and Aldergrove on the 17th and 26th.

Precipitation.—The general precipitation expressed as a percentage of the average for the period 1881–1915 was 80 over England and Wales, 83 over Scotland and 94 over Northern Ireland. More than the average rainfall occurred in the north of Scotland, over a small part of north-west England and north-west Midlands, in a coastal strip stretching from south of Berwick-on-Tweed to the Humber and from Hunstanton to south of Lowestoft and at Margate. More than the average occurred also over part of the north and west of Northern Ireland. Less than the average was registered elsewhere, and less than half the average over much of south-east Scotland and locally in Hampshire and the London area.

Among the heavier falls in 24 hours were:—

2nd	2·01 in. at Llandulas (Brecon).
9th	2·43 in. at Conaglen (Ardgour).
12th	2·04 in. at Ponterwyd (Cardigan).
23rd	2·33 in. at Kingairloch (Argyll), 2·16 in. at Conaglen and 2·00 in. at Borrowdale.

Local thunderstorms were reported rather frequently for the season, e.g., on the 6th, 11th, 13th, 19th, 24th, 25th and 28th–30th.

Showers of snow or sleet were reported at times, chiefly from the 13th–18th and during the last week. Balmoral reported the depth on the 18th as 4 inches. Braemar had 2 inches of fresh snow on the 25th and Garbat (Ross-shire) 3 inches on the 26th.

Sunshine.—Sunshine was considerably below the average in the north of Scotland (except the Shetlands), Northern Ireland, parts of Wales and south-west England. In Scotland, south of a line drawn from Aberdeen to Islay, and over most of England there was an appreciable excess. The percentages of the average for the districts ranged from 76 in Scotland, N. to 120 in England, E. and Scotland, W.

Fog.—In Scotland there was less fog than is usual at this season. On the other hand at inland stations in England fog was considerable at times. The chief periods of fog were the 1st–4th, 8th–10th, 19th–22nd and 26th–28th.

Miscellaneous Phenomena.—In Scotland the aurora was observed on 11 nights. Solar halos were noted at Oxford on 7 days. A particularly fine parhelion was seen from Edinburgh on the morning of the 18th.

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TABLE I—DISTRICT VALUES— NOVEMBER, 1943 [1908, revised 1928 and 1941]

DISTRICTS	AIR TEMPERATURE			EARTH TEMPERATURE		RAINFALL		SUNSHINE	
	Highest	Lowest	Daily Mean Difference from Average	At 1 ft Difference from Average	At 4 ft Difference from Average	Percentage of Average	No. of Days Difference from Average	Percentage of Average	Percentage of Possible Duration
	°F	°F	°F	°F	°F	%		%	%
0 SCOTLAND, N.	60	19	+0·1	—	—	105	+4	76	13
Eastern									
1 SCOTLAND, E.	62	17	+0·5	—	—	68	0	96	23
2 ENGLAND, N.E.	61	23	+0·1	+0·9	+0·9	97	−1	118	27
3 ENGLAND, E.	64	23	−0·3	+1·0	+1·1	81	+3	120	29
4 MIDLAND COUNTIES ..	60	23	+0·4	+1·7	+1·2	75	0	116	24
5 ENGLAND, S.E.	63	24	−0·4	+1·1	+2·2	71	0	108	26
Western									
6 SCOTLAND, W.	63	20	+1·0	+2·6	+1·9	76	0	122	25
7 ENGLAND, N.W. (and N. Wales)	63	21	+1·2	+2·0	+1·2	89	+2	107	23
8 ENGLAND, S.W. (and S. Wales)	62	22	+0·6	+1·7	+1·7	80	+1	95	23
NORTHERN IRELAND	59	28	+1·5	—	—	88	+5	88	21
MEAN 0, 1, 6	—	—	+0·5	—	—	—	—	98	20
MEAN 2, 3, 4, 5, 7, 8	—	—	+0·3	—	—	—	—	111	25

TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— NOVEMBER, 1943 [1914]

DISTRICT AND STATION	Height of Vane			Distribution of Wind ‡‡							Extreme Velocities							
	Above Mean Sea Level	Above Ground	Effective Height	More than 38 mi/hr		25 to 38 mi/hr		13 to 24 mi/hr	4 to 12 mi/hr	Less than 4 mi/hr	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		Time
	ft	ft	ft		hr		hr	hr	hr	hr	hr	°	mi/hr	m/s	day hr	mi/hr	m/s	d h m
0 SCOTLAND, N.																		
Shetland Lerwick	310	53	39	10;13–15	27	20	171	343	150	29	0	30	53	23	13 22	78	35	13 20 45
Orkney Kirkwall	170	40	35	13–15	9	16	87	373	216	35	0	30	45	20	13 23	75	33	13 22 40
Hebrides Stornoway	120	40	36	4;5;9;10;12;13	18	18	146	277	228	51	0	200	44	20	10 11	66	29	12 04 25
1 SCOTLAND, E.																		
Aberdeen Aberdeen	120	41	32	—	0	4	9	220	375	116	0	350	27	12	14 8	61	27	14 07 00
Angus Bell Rock Lighthouse	130	—	126	10;14;15	26	20	221	284	169	20	0	20	58	26	14 06	78	35	14 05 55
Edinburgh Edinburgh	485	39	23	—	0	7	33	418	221	48	0	180	36	16	23 15	62	28	10 15 25
6a SCOTLAND, W.																		
Argyll Tiree	75	50	42	13–15;23;24	13	18	208	221	209	57	12	10	44	20	14 01	65	29	29 21 55
Renfrew Paisley	188	81	31	—	0	4	5	142	446	127	0	340	27	12	14 04	66	29	10 15 00
Renfrew (Abbotsinch)	65	46	34	—	0	5	13	129	363	215	0	340	31	14	(11 22) (14 04)	53	24	(11 20 45) (12 11 45)
Dumfries Eskdalemuir ..	825	50	35	—	0	9	65	244	250	161	0	300	36	16	14 06	65	29	10 16 35
6b ISLE OF MAN																		
Isle of Man Point of Ayre ..	70	40	35	6;12;14;24;29;30	36	15	178	319	153	29	5	330	47	21	13 23	68	30	29 23 05
2 ENGLAND, N.E.																		
Durham South Shields ..	73	57	44	14	6	5	35	267	350	62	0	350	47	21	14 09	74	33	14 08 20
Durham	389	53	33	—	0	6	35	313	278	94	0	220	35	16	10 13	70	31	14 07 55
Yorks.,N.R. Catterick	220	45	33							Anemometer	Dismantled							
Yorks.,E.R. Spurn Head ..	64	42	34	14	1	14	158	362	189	10	0	340	43	19	14 17	55	25	14 16 05
Lincoln Cranwell	284	43	33	—	0	11	43	302	297	78	0	(320)	32	14	14 16	53	24	14 17 10
3 ENGLAND, E.																		
Norfolk Gorleston	52	42	34	—	0	2	5	203	461	51	0	230	27	12	23 21	42	19	15 07 45
Suffolk Mildenhall	98	83	58	—	0	6	21	274	330	95	0	320	30	13	14 19	49	22	14 19 25
Bedford Cardington ..	285	150	135	—	0	7	52	284	306	78	0	230	32	14	24 12	44	20	23 19 15
Dunstable	567	55	33							Record incomplete								
Essex Shoeburyness ..	115	104	89	—	0	6	23	423	271	3	0	200	37	17	23 23	50	22	28 16 20
4 MIDLAND COUNTIES																		
Leicester Leicester	385	60	33	—	0	1	1	143	350	217	9	330	25	11	14 13	43	19	30 06 55
Warwick Birmingham ..	643	118	73	—	0	4	12	309	377	22	0	340	31	14	14 13	51	23	14 14 05
5 ENGLAND, S.E.																		
London Kingsway	222	151	30	—	0	0	0	121	445	154	0	320	19	9	28 17	45	20	28 16 00
Southgate	222	30	—							Record unreliable								
Surrey Kew Observatory ..	92	75	50	—	0	0	0	181	376	163	0	290	22	10	29 14	47	21	29 12 55
Kent Lympne	418	76	48	—	0	4	9	273	383	55	0	230	34	15	23 24	58	26	23 23 10
Manston	199	46	40	—	0	3	10	302	373	35	0	210	31	16	23 22	47	21	23 22 00
Hants Thorney Island ..	75	65	45	—	0	3	21	282	300	117	0	300	29	13	30 10	51	23	30 10 15
Wiltshire Boscombe Down ..	462	45	33	—	0	6	9	292	304	115	0	290	29	13	29 13	53	24	29 11 15
Larkhill	491	51	36	—	0	3	5	198	328	173	16	340	27	12	14 15	54	24	29 07 30
7a ENGLAND, N.W.																		
Lancashire Fleetwood	112	50	31							Record Defective								
Southport	60	42	33	14;24;29	11	13	142	173	294	100	0	260	43	19	24 07	58	26	24 08 15
Cheshire Bidston Obs'y. ..	262	64	39	—	0	10	108	264	324	24	0	270	36	16	24 04	65	29	29 06 25
Manchester (Ringway) ..	315	80	40	—	0	9	60	249	347	64	0	270	36	16	24 13	67	30	29 15 45
7b NORTH WALES																		
Anglesey Holyhead	68	43	35	13;14;24;29;30	32	17	234	303	138	13	0	300	45	20	13 17	64	29	14 14 55
Flint Sealand	81	65	42	—	0	9	61	168	308	183	0	320	37	18	12 11	58	26	6 13 35
8a SOUTH WALES																		
Pembroke St. Ann's Head ..	212	70	—	13;23–24;28–30	29	13	109	272	266	44	0	300	48	21	24 03	73	33	29 04 40
8b ENGLAND, S.W.																		
Devon Plymouth	185	88	65	—	0	6	18	223	284	195	0	—	32	14	13 16	58	26	13 15 15
Cornwall The Lizard	315	75	60							No Record								
Pendennis Castle ..	256	65	42	—	0	9	47	240	300	130	3	280	36	16	28 12	46	21	28 11 20
NORTHERN IRELAND																		
Antrim Aldergrove	328	60	42	—	0	4	9	156	372	183	0	220	30	13	23 23	51	23	23 23 15
SCILLY ISLES																		
St. Mary's	230	65	57							Anemometer out of order								

MONTHLY WEATHER CHARTS NOVEMBER 1943

1. WIND AND MEAN PRESSURE. 7A.M.

The dotted lines indicate the normal distribution of pressure in millibars based on 30 years' observations, 1901—1930

1006 1007 1008 1009 1010 1011 1012 1013 1014

WIND ROSES. *The arrows fly with the wind and indicate frequency and force, thus :*

LIGHT — MODERATE TO STRONG — GALE

30 Obsns. 1 inch

2. MOVEMENTS OF DEPRESSIONS.

Positions of centres are shewn thus:- O at 1h; ● at 7h; □ at 13h; X at 18h.

3. DISTRIBUTION OF MEAN TEMPERATURE

Reduced to sea level by a correction of 1°F. for 300 ft.

SCALE OF TINTS

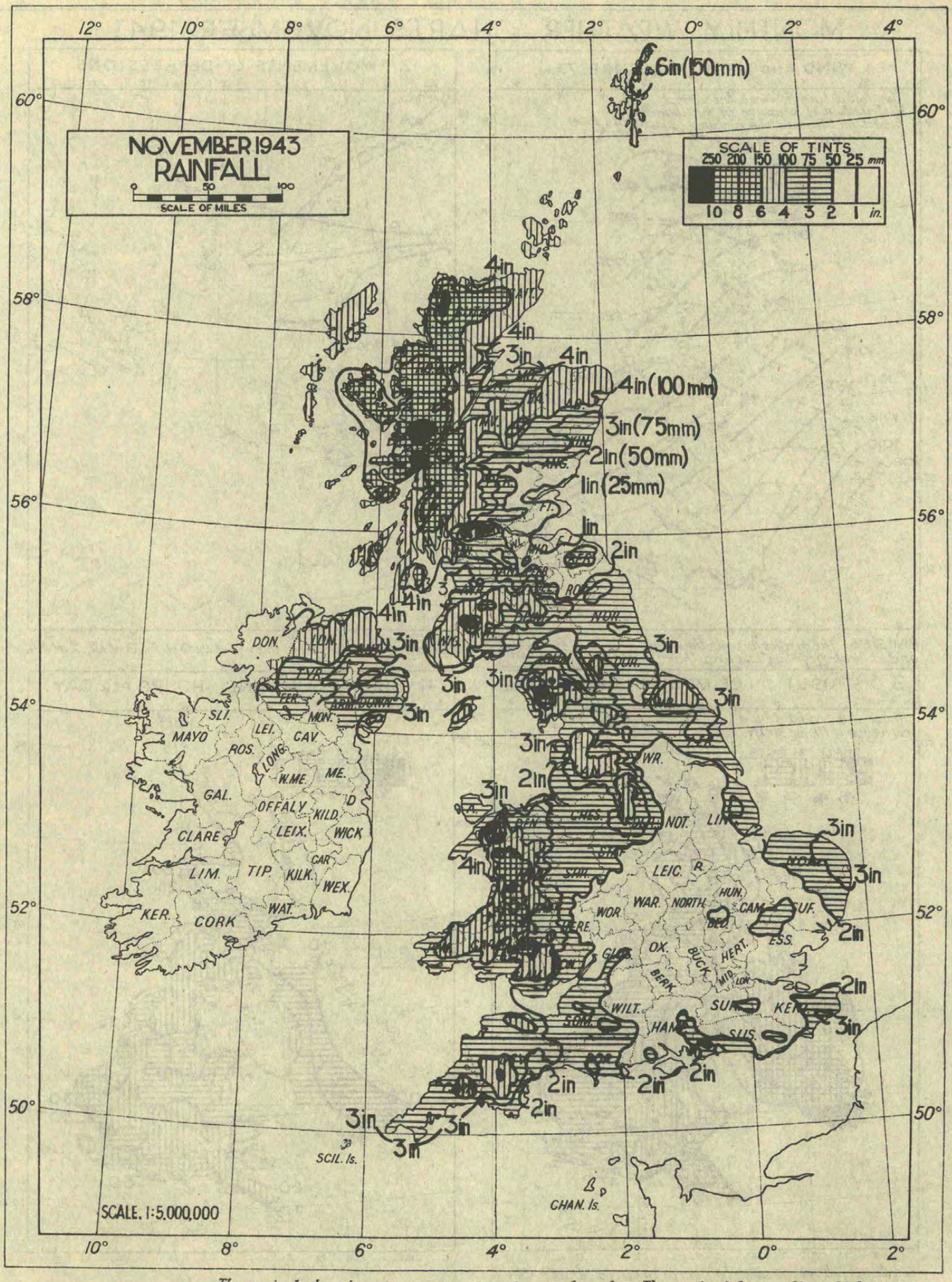
48 46 44 42 °F

Sea temperatures are shewn by figures in circles, thus : (50)

4 BRIGHT SUNSHINE, HOURS PER DAY

SCALE OF TINTS

30 25 20 15 10 hrs



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

TABLE III—Summary of Observations of Temperature, Rainfall, Sunshine and Weather NOVEMBER, 1943

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation: Max. Min. Rain	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES FAHRENHEIT: Means of A Max.	B Min.	Mean of A and B	Difference from Average	Absolute Maximum and Minimum: Maximum	Date	Minimum	Date	Earth Temperature 1 ft	4 ft	RAINFALL: Total Fall mm	in	Percentage of Average	Most in a day: Amount in	Date	WEATHER Number of days: Precip'n .01in (0·2mm) or more	.04in (1·0mm) or more	Snow	Snow lying	Hail	Thunderstorm	Fog (Morn'g Obs.)	Ground Frost	Gale	BRIGHT SUNSHINE: Daily Mean	Percentage: of Average	of Possible§
		G.M.T.	ft	°F	°F	°F	°F	°F		°F		°F	°F	mm	in	%	in											hr	%	%
0 SCOTLAND, N.												SCOTLAND																		
Shetland	Baltasound ..	9 9 9	31	46·3	38·5	42·4	+0·3	55	9	31	16,30	44.8	–	159	6·25	133	·54	25	29	27	5	0	2	0	1	–	3	1·02	115	14
	Lerwick Obsy. ¶§	9 9 9	269	48·4	37·8	41·6	-0·2	55	10	30	16	–	–	130	5·11	120	·56	11	27	22	12	–	3	–	3	12	4	1·42	118	19
	Sumburgh (Links)	18-7 7	19	46·1	40·8	43·5	–	55	10	32	14,16	–	–	106	4·17	–	·31	11	26	21	7	1	11	0	1	5	3	–	–	–
Orkney	Kirkwall .. ¶§	9 9 9	113	46·4	39·3	42·9	0·0	55	9,10	31	27	44·4	–	136	5·35	131	·68	23	28	25	7	0	6	0	1	4	1	0·88	63	11
Hebrides	Benbecula ..	18-7 7	27	47·9	42·2	45·1	–	56	1,3	33	14	–	–	116	4·58	–	1·02	23	27	23	3	0	6	0	0	5	4	–	–	–
	Castlebay ..	9 9 9	—																											
	Stornoway ¶§	18-7 7	12	47·4	39·9	43·7	+0·3	57	3,9	29	26,27	–	–	130	5·13	93	1·03	23	25	22	6	0	10	0	1	5	5	1·27	82	16
Skye	Duntuilm ..	9 9 9	294	47·7	40·9	44·3	–	56	2,4	34	15,25,27	–	–	145	5·71	–	1·24	23	25	24	4	0	7	2	1	3	6	1·01	–	13
Caithness	Wick	18-7 7	114	45·6	38·8	42·2	-0·5	56	3,10	28	27	–	–	104	4·09	130	·60	4	26	23	6	0	10	0	2	8	5	–	–	–
Sutherland	Cape Wrath ..	18-7 7	367	47·5	41·7	44·6	–	57	4	33	23,25,29	–	–	137	5·41	–	·70	10	29	27	1	1	13	0	1	0	5	–	–	–
Ross & Cromarty	Achnashellach ..	9 9 9	225	46·6	36·6	41·6	+0·8	58	4	24	17	–	–	230	9·07	105	·91	23	28	25		0	0	1	0	–	0	–	–	–
	Fortrose	9 9 9	69	47·1	38·3	42·7	+0·7	57	9	31	27	–	–	76	3·00	–	·47	29	25	15	8	1	0	0	2	–	0	1·21	64	15
	*Invergordon ..	18-7 7	26	46·3	37·6	41·9	–	59	3	25	27	–	–	81	3·19	–	·46	12	23	20	9	0	3	1	0	17	3	–	–	–
Inverness	Dalwhinnie ..	18-7 7	1176	42·6	34·3	38·5	–	57	2	19	26	–	–	99	3·88	–	·69	23	24	16	12	4	0	0	0	19	0	1·05	–	13S
	Ft. Augustus ¶§	9 9 9	68	46·5	36·9	41·7	+0·5	57	4	26	17	–	–	95	3·74	82	·68	23	27	17	2	2	0	0	0	–	1			
	Ft. William ..	9 9 9	34	47·5	38·2	42·9	+1·2	59	4	28	17,27	44·2	48·8	162	6·39	78	1·46	23	24	20	1	0	0	0	0	11	0	0·57	70	7S
	Inverness ¶§	9 9 9	242	46·2	38·1	42·1	0·0	57	3,4	29	27	–	–	65	2·56	100	·46	29	22	19	9	1	0	0	0	8	0	1·00	58	13
	Onich	9 9 9	48	47·8	37·5	42·7	–	60	2	27	17	–	–	152	5·97	75	1·09	23	25	22	3	0	0	0	0	19	0	0·87	61	11S
1 SCOTLAND, E.																														
Nairn	Nairn .. ¶§	9 9 9	20	47·5	39·2	43·3	+1·2	59	10	27	27	–	–	52	2·05	87	·34	29	21	12	7	0	1	0	2	6	1	1·10	59	14
Moray	Forres	9 9 9	155	47·8	37·8	42·8	–	60	3	27	27	–	–	55	2·18	–	·40	4	17	16	2	0	0	0	1	14	0	1·28	–	16
	Gordon Castle ..	2121 9	104	47·0	37·6	42·3	+0·5	60	3,10	29	27	–	–	88	3·45	120	·45	17	25	19	1	0	3	0	–	–	0	–	–	–
	Lossiemouth ..	18-7 7	21	47·1	38·7	42·9	–	61	3	26	27	–	–	61	2·42	–	·38	4	20	15	5	0	6	0	1	–	3	–	–	–
Banff	Banff	9 9 9	130	47·5	38·8	43·1	+0·8	59	9,10	29	27	–	–	121	4·77	180	·70	12	26	21	7	0	9	0	0	5	3	1·13	59	14
Aberdeen	Aberdeen ¶§	242424	79	46·2	38·6	42·4	+0·2	56	10,20	29	27	44·6	48·3	69	2·71	92	·56	1	23	15	8	0	1	0	3	11	0	1·77	91	22
		18-7 -	—	45·7	39·1	42·4	+0·1																							
	Balmoral	9 9 9	927	44·2	34·1	39·1	+1·2	57	3	20	27	–	–	77	3·02	82	·46	13	23	15	4	6	0	0	–	20	0	–	–	–
	Braemar	2121 9	1111	43·1	34·1	38·6	+0·9	55	5	17	27	–	–	85	3·36	87	·53	23	25	17	10	12	0	0	0	13	0	0·94	–	12S
	Craibstone ..	9 9 9	300	45·3	37·1	41·2	+0·1	55	10,20	27	27	42·8	46·7	61	2·41	76	·39	13	21	17	12	3	6	0	–	16	–	2·05	90	25
	Dyce	18-7 7	241	45·1	37·6	41·3	–	56	20	25	27	–	–	67	2·65	–	·41	13	23	17	7	2	4	0	3	12	0	–	–	–
	Tarland	9 9 9	540	44·6	34·6	39·6	–	56	9,10	22	27	–	–	90	3·54	–	·50	13	22	17	10	0	1	0	–	–	1	–	–	–
Kincardine	Stonehaven ..	9 9 9	12	48·4	36·9	42·7	–	58	20	25	27	–	–	60	2·37	–	·36	1	24	16	2	0	0	0	0	–	0	2·20	–	27
Angus	Arbroath	9 9 9	93	47·8	36·8	42·3	+0·2	57	10	26	27	–	–	20	·80	33	·20	27	14	7	0	0	0	0	0	16	1	2·60	117	32
	Buddon Ness ..	9 9 9	15	47·5	37·2	42·3	–	57	4	25	27	–	–	19	·76	–	·14	27	15	7	1	0	0	0	0	–	3	–	–	–
	Dundee .. ¶§	9 9 9	147	47·5	35·6	41·5	0·0	56	4,10	28	27	41·0	–	25	1·00	43	·30	13	14	7	0	0	0	0	–	20	2	2·31	105	28
	Kettins	9 9 9	218	46·5	35·5	41·0	+1·3	57	20	25	27	42·0	–	29	1·14	37	·27	4	14	8	2	0	0	0	1	18	2	–	–	–
	Montrose	9 9 9	16	47·2	37·6	(42·4)	(0·0)	–	–	29	27	–	–	28	1·09	–	·20	13	15	10	5	0	0	0	0	–	2	2·53	114	31
	,, (Airfield)	18-7 7	22	46·5	38·3	42·4	–	58	20	28	27	–	–	33	1·32	–	·30	1	16	8	3	0	1	0	1	13	0	–	–	–
Perth	Errol	18-7 7	31	46·8	35·3	41·1	–	58	3,20	25	27	–	–	22	·88	–	·22	13	11	7	1	0	0	0	3	18	0	–	–	–
	Longforgan ..	9 9 9	166	47·0	36·2	41·6	–	57	3,20	27	27	–	45·0	24	·93	–	·25	13	15	6	3	0	1	0	3	20	2	2·58	–	32
	Perth	9 9 9	76	47·7	36·8	42·3	+1·8	59	3	27	27	–	–	25	1·00	35	·22	4	14	7	2	0	0	0	–	–	0	2·35	127	29
Fife	Cupar	9 9 9	210	46·9	36·6	41·7	+0·8	56	3,4	27	27	–	–	29	1·14	–	·29	4	13	7	1	0	0	0	–	–	0	–	–	–
	Dunfermline ..	9 9 9	237	46·9	36·6	41·7	–	61	3	27	26	45·6	49·3	28	1·11	–	·19	13,23	16	10	0	0	0	0	6	13	1	2·13	–	26
	Kirkcaldy ..	9 9 9	137	47·0	35·2	41·1	-1·4	58	2,4	24	26	–	–	48	1·90	–	·90	6	13	9	0	0	0	0	–	–	0	2·48	–	30
	Leuchars ..	18-7 7	36	47·5	38·0	42·7	+1·2	59	3	29	27	–	–	19	·75	33	·21	13	12	5	1	0	0	0	3	13	0	2·72	116	33
	Lundin Links ..	9 9 9	40	48·1	37·1	42·6	–	58	3	27	26	–	–	27	1·08	–	·35	13	11	7	0	0	0	0	2	–	0	2·69	–	33
	St. Andrews ..	9 9 9	13	47·8	36·3	42·1	-0·3	58	3	27	27	48·4	43·8	25	·96	40	·18	23	15	7	0	0	0	0	3	10	0	2·72	128	33
Mid Lothian	Balerno	9 9 9	750	45·4	36·0	40·7	–	58	3	26	17	–	–	39	1·54	–	·42	23	15	12	1	1	0	0	1	11	0	2·14	–	26
	Edinburgh—																													
	Blackford H. ¶§	2121 9	441	47·6	38·4	43·0	+0·9	58	3	31	17,26	–	–	22	·85	38	·20	28	12	8	0	0	0	0	1	10	1	2·31	109	28
	Botanic Garden	9 9 9	74	48·6	37·5	43·1	–	59	4	27	17,27	–	–	20	·78	–	·16	28	14	8	0	0	0	0	4	16	–	2·06	–	25
	Univ. King's B.	9 9 9	225	47·3	38·8	43·1	–	62	3	29	27	42·7	48·0	31	1·20	–	·32	26	13	9	–	–	–	–	–	–	–	–	–	–
	Boghall	9 9 9	639	46·2	37·3	41·7	+0·6	58	3	28	27	42·0	46·7	36	1·41	–	·29	28	13	10	3	1	0	0	1	11	–	2·78	136	34
	Liberton ..	9 9 9	190	48·0	38·2	43·1	–	61	3	27	27	–	–	21	·84	–	·21	28	12	8	0	0	0	0	–	–	–	–	–	–
E. Lothian	Dunbar	9 9 9	75	48·0	36·2	42·1	–	59	3	29	17,26	–	–	18	·72	–	·12	5	15	8	0	0	0	0	0	12	0	2·30	–	28
	N. Berwick ..	9 9 9	118	47·9	38·6	43·3	+1·0	60	3	28	27	–	–	18	·71	33	·15	27	14	9	3	0	0	0	1	7	0	2·04	119	25
Berwick	Marchmont ¶§	9 9 9	498	47·4	34·5	40·9	+0·4	58	3	25	19	–	–	61	2·42	81	·44	18	19	14	3	2	0	0	–	–	0	1·99	116	24S
	St. Abb's Head	18-7 7	280	46·9	40·1	43·5	–	57	20	28	14	–	–	50	1·95	–	·35	17	14	12	1	0	4	0	3	–	4	–	–	–
Peebles	Peebles	9 9 9	—	46·9	35·2	41·1	–	58	3	21	26	–	–	40	1·56	–	·30	13	13	9	5	0	0	0	0	12	1	1·61	–	19
	West Linton ..	9 9 9	820	44·7	34·4	39·5	+1·0	58	3	23	26,27	37·1	46·8	47	1·83	–	·37	23	17	10	5	2	0	0	7	21	0	–	–	–
Roxburgh	Kelso (Br'ml'ds)	9 9 9	193	46·2	34·9	40·5	-0·3	55	4	26	27	–	–	37	1·45	63	·33	14	17	10	2	0	0	0	1	–	–	–	–	–
	Wolfelee	9 9 9	537	(45·5)	(33·7)	39·6	(+0·1)	(56)	5	(23)	17	–	–	(37)	(1·45)	(57)	(·73)	23	17	8	(5)	(1)	(1)	0	(1)	–	(2)	–	–	–

¶§, § *See* Notes on Tables in Annual Summary.

* Station transferred to Alness, March 24th. 1943.

TABLE III (*continued*)—Summary of Observations of Temperature, Rainfall, Sunshine and Weather NOVEMBER, 1943

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation: Mx. Mn. Rain	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES FAHRENHEIT: Means of A Max.	B Min.	Mean of A and B	Difference from Average	Absolute Maximum and Minimum: Maximum	Date	Minimum	Date	Earth Temperature 1 ft	4 ft	RAINFALL: Total Fall mm	in	Per centage of Average	Most in a day: Amount in	Date	WEATHER Number of days: Precip'n ·01 in (0·2 mm) or more	·04 in (1·0 mm) or more	Snow	Snow lying	Hail	Thunderstorm	Fog (Morn'g Obs.)	Ground Frost	Gale	BRIGHT SUNSHINE: Daily Mean	Percentage of Average	Percentage of Possible
		G.M.T.	ft	°F	°F	°F	°F	°F		°F		°F	°F	mm	in	%	in												hr	%	%
6a SCOTLAND, W.																															
Argyll	Ardtornish ..	2121 9	48																												
	Colonsay ..	9 9 9	87	49·7	41·0	45·3	–	57	1,2,5	27	17	–	–	132	5·21	–	·73	5	29	25	0	0	7	0	–	–	1	–	–	–
	Dunoon (Benmore)	9 9 9	46	49·1	37·4	43·3	–	60	2,20	26	17	44·9	47·8	173	6·79	–	1·22	23	21	19	5	0	1	0	0	14	0	1·33	–	16S
	Dunoon	9 9 9	132	48·3	37·1	42·7	–	56	3,20	29	14	–	–	145	5·70	–	1·11	23	19	18	0	0	0	0	4	14	–	1·96	–	24
	Glenbranter ..	9 9 9	120	48·1	37·6	42·9	+1·3	57	2	25	17	–	–	161	6·34	–	1·25	23	18	17	2	0	1	0	0	12	–	–	–	–
	Oban	9 9 9	229	47·9	(41·0)	(44·5)	–	59	2	–	–	–	–	115	4·54	–	·81	23	24	22	1	0	1	0	0	–	0	0·88	49	11
	Tiree .. ¶§	18–7 7	44	49·0	42·2	45·6	+0·3	58	2	31	15,17	–	–	123	4·86	101	·51	12	27	23	2	0	10	0	0	3	4	1·10	66	13
Bute	Rothesay ¶§	2121 9	200	48·0	39·3	43·7	+0·5	57	10	30	24	45·1	48·7	113	4·46	88	·55	5	22	20	4	0	1	1	0	10	3	–	–	–
Dumbarton	Cardross	9 9 9	130	48·5	36·2	42·3	+1·2	57	3,10	25	17	–	–	67	2·65	–	·84	23	21	13	0	0	0	0	0	–	–	1·45	90	18S
	Helensburgh ..	9 9 9	293	47·8	37·8	42·8	+0·9	57	20	29	26	–	–	81	3·17	58	·62	23	21	16	1	0	0	0	3	–	0	1·81	111	22
Stirling	Balfron	9 9 9	342	48·0	36·1	42·1	–	55	21	24	17	–	–	71	2·80	–	·72	23	20	12	2	1	0	0	2	–	0	–	–	–
	Stirling	9 9 9	151	46·8	38·8	42·8	+1·3	56	3	29	26	43·2	48·8	50	1·96	–	·54	23	16	10	2	0	0	0	4	19	–	2·33	150	28S
Renfrew	Greenock ..	9 9 9	199	48·2	40·4	44·3	+1·7	57	3	32	26	–	–	104	4·11	68	1·27	23	21	17	2	0	0	0	8	3	2	1·47	–	18S
	Paisley	2121 9	106	48·2	39·6	43·9	+1·6	59	3	30	16	44·5	50·2	54	2·13	51	·66	23	16	12	1	0	1	0	4	10	0	2·01	140	24S
	Abbotsinch ¶§	18–7 7	19	48·1	39·0	43·5	+2·4	59	3	26	17	–	–	55	2·17	56	·74	23	19	12	1	0	0	0	4	17	0	2·23	152	27
Lanark	Carluke ..	9 9 9	534	46·2	37·2	41·7	–	59	3	26	17	–	–	48	1·88	–	·54	23	18	9	5	0	2	0	0	13	0	2·14	–	26
	Dungavel ..	9 9 9	798	45·0	34·3	39·7	+0·3	56	3	22	17	–	–	88	3·48	–	1·28	23	20	15	4	0	0	0	2	14	0	–	–	–
	Glasgow, Spr.' Pk.	9 9 9	351	46·8	37·2	42·0	–	57	3	28	17,26	–	–	60	2·36	–	·45	23	20	14	2	0	0	0	–	17	–	1·25	–	15
Ayr	Auchincruive ..	9 9 9	89	49·3	37·9	43·6	–	59	3	22	17	46·0	50·3	62	2·44	–	·50	23	23	12	1	0	1	0	0	12	0	1·57	–	19
	Ayr	9 9 9	43	49·8	39·4	44·6	–	59	2	24	17	–	–	53	2·07	–	·47	23	17	16	1	0	0	0	0	7	0	1·49	–	18
	Colmonell ..	9 9 9	170	49·3	39·2	44·3	+1·2	57	2,3,4	23	17	–	–	86	3·39	68	·56	23	24	17	2	0	5	1	0	8	1	–	–	–
	Kilmarnock ..	9 9 9	130	49·0	36·7	42·9	+1·1	62	3	20	17	46·6	50·7	67	2·65	–	·81	23	20	12	1	0	0	0	2	10	0	1·88	119	23
	Prestwick ..	9 9 9	17	48·9	40·6	44.7	–	56	2,4,10	25	17	–	–	50	1·96	–	·36	23	17	14	2	0	2	0	3	7	0	1·68	–	20
	T.oon	9 9 9	15	50·1	41·3	45·7	–	57	2,3	28	17,18	–	–	63	2·46	–	·44	23,28	21	13	2	0	2	0	0	6	0	1·81	–	22
	Turnberry ..	9 9 9	30	49·9	42·4	46·1	+2·1	61	3	31	17	–	–	61	2·40	70	·49	23	20	13	1	0	1	0	0	–	2	1·79	103	21S
Dumfries	Dumfries.. ¶§	9 9 9	140	48·2	37·3	42·7	+1·0	58	3	29	17,26,27	45·5	49·5	58	2·27	62	·83	23	18	11	1	0	1	0	4	15	–	2·30	126	27
	Eskdalemuir ¶§	242424	794	45·1	34·2	39·7	+1·0	56	3	23	26	44·8	48·7	109	4·30	74	·94	23	18	13	3	1	0	0	3	14	0	2·64	143	32
		18–7 –	—	44·6	35·3	39·9	+0·8																							
	Ruthwell.. ..	2121 9	67	48·2	35·1	41·7	+0·2	59	4	24	17	–	–	65	2·56	–	·70	23	15	11	0	0	0	0	–	–	0	1·69	93	20S
Kirkcudbright	Glenlee	9 9 9	181	48·6	37·3	42·9	–	58	3	25	17,26	–	–	111	4·37	–	1·41	23	20	16	4	0	0	0	0	12	1	–	–	–
Wigtown	Newton Stewart	9 9 9	75																											
6b ISLE OF MAN																														
Isle of Man	Douglas	9 9 9	284	48·8	41·8	45·3	+0·2	57	4	32	17,19	–	–	85	3·34	71	·55	27	21	17	0	0	4	0	0	5	2	2·57	117	30
	Point of Ayre ..	18–7 7	30	50·0	44·2	47·1	–	58	10	32	19	–	–	64	2·51	–	·31	13	18	16	0	0	6	0	0	–	6	1·57	–	19
2 ENGLAND, N.E.																														
Northum-berland	Berwick-on-T. ..	9 9 9	76	47·7	38·6	43·1	+0·3	56	3,10	29	27	–	–	51	2·02	94	·65	17	17	8	4	0	6	1	0	4	1	2·42	109	29
	Bellingham ..	9 9 9	849	45·0	33·5	39·3	+0·2	56	4	25	26,27	–	–	61	2·41	70	·58	23	17	14	5	5	0	0	2	–	–	–	–	–
	Cockle Park ¶§	2121 9	325	46·2	37·1	41·7	+0·3	57	10	28	26,27	41·8	45·8	67	2·64	102	·65	13	15	10	5	2	0	0	1	12	0	2·50	114	30
	Ouston	18–7 7	426	45·1	36·7	40·9	–	56	10	25	27	–	–	55	2·18	–	·43	(13)	15	12	6	2	0	0	1	–	2	–	–	–
	Tynemouth ..	18–7 7	108	47·2	40·4	43·8	–0·1	57	10	32	26,27	–	–	57	2·27	106	·56	14	15	12	5	0	3	1	3	3	4	2·08	–	25
Durham	Chopwellwood ..	9 9 9	446	46·9	36·9	41·9	+0·8	57	10	28	27	–	–	65	2·54	99	·77	17	17	13	4	5	0	1	2	15	–	2·39	113	29
	Durham .. ¶§	2121 9	336	47·1	36·2	41·7	+0·3	55	1,10	27	26,27	–	–	45	1·75	77	·59	17	16	10	6	2	0	0	4	15	–	2·45	125	29
	Houghall.. ..	9 9 9	160	47·9	36·0	41·9	–0·4	56	10	25	27	–	–	59	2·32	–	·60	13	13	9	2	1	1	0	3	19	0	2·04	118	24
	Ushaw College ..	9 9 9	594	46·0	37·0	41·5	+0·4	55	10	28	27	–	–	56	2·20	87	·59	13	15	11	3	3	0	0	3	–	–	–	–	–
Yorks., N. Riding	Ampleforth ..	9 9 9	313	46·9	36·8	41·9	+0·2	57	2	29	27	–	–	83	3·26	–	1·42	14	16	13	6	5	1	0	4	17	–	2·08	–	24
	Castleton ..	9 9 9	450	46·0	35·2	40·6	–	57	2	23	27	42·9	–	136	5·36	–	1·94	14	17	12	4	8	1	1	2	–	–	–	–	–
	**Catterick.. ..	18–7 7	175	46·6	37·9	42·3	–	56	10	27	27	–	–	39	1·52	–	·36	14	16	12	4	0	0	0	8	13	1	2·50	–	29
	Linton-on-Ouse ..	18–7 7	46	47·8	37·5	42·7	–	58	2	27	27	–	–	57	2·23	–	·98	14	17	13	4	0	2	1	8	9	2	–	–	–
	Redcar	9 9 9	25	48·6	39·3	43·9	–	59	3	29	27	–	–	61	2·38	–	·77	14	18	11	–	–	–	–	2	–	–	1·91	–	23
	Scarborough †¶§	9 9 9	118	48·7	39·8	44·3	–0·4	56	2,3	32	26,27	–	49·1	77	3·04	123	·73	14	19	14	0	0	3	0	3	–	–	1·88	100	22
	Thornaby ..	18–7 7	60	47·7	38·0	42·9	–	58	3	27	27	–	–	59	2·30	–	1·09	14	16	8	3	0	0	2	2	9	1	–	–	–
	Whitby	9 9 9	130	48·6	38·8	43·7	–	59	3	30	27	–	–	87	3·42	–	1·13	14	19	15	2	0	7	1	0	21	–	1·75	89	21
	York .. ¶§	9 9 9	57	48·2	37·6	42·9	+0·1	58	2	31	26,27	44·9	49·7	53	2·07	99	·78	14	16	10	1	0	1	0	–	–	–	2·16	136	25S
Yorks., E. Riding	Bridlington ..	2121 9	76	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Driffield ..	18–7 7	65	47·5	38·0	42·7	–	59	3	27	27	–	–	65	2·54	–	1·05	14	17	14	2	0	1	0	6	6	0	–	–	–
	Hull	2121 9	8	47·7	38·5	43·1	–0·1	57	2,3	29	27	43·4	49·8	57	2·26	103	·73	14	20	15	3	0	5	1	7	9	–	2·18	148	25
	Spurn Head ..	18–7 7	29	47·6	41·1	44·3	–0·2	55	3	34	17	–	–	58	2·29	107	·52	14	20	14	3	0	5	1	1	–	3	2·62	125	30
Lincoln	Boston—																													
	(Freiston Road)	2121 9	16	47·8	37·3	42·5	–	61	3	30	20,21,27	–	–	52	2·06	–	·48	14	21	12	3	0	1	0	6	12	–	–	–	–
	(North Sea Camp)	18–7 7	10	48·0	36·4	42·2	–	61	3	28	17,27	–	–	50	1·97	–	·54	14	22	11	4	0	0	0	7	–	–	2·99	–	35
	Cranwell .. ¶§	18–7 7	203	48·0	37·0	42·5	+0·4	58	3	30	26	45·1	49·4	41	1·61	86	·24	28	20	11	3	0	0	0	6	10	0	2·49	113	29
	Cleethorpes ..	9 9 9	23	48·4	38·4	43·4	–0·5	58	3	30	27	–	–	64	2·51	–	·70	14	24	16	1	0	2	0	3	–	–	2·55	139	30
	Skegness ..	9 9 9	15	48·3	37·4	42·9	–0·7	57	3	29	26,27	–	–	51	2·00	93	·41	14	16	12	3	0	2	2	2	–	–	2·76	125	32

† At Scarborough the earth thermometer is at a depth of 3 ft.

¶§, § *See* Notes on Tables in Annual Summary.

***** At Scorton from March 9th.

TABLE III (*continued*)—Summary of Observations of Temperature, Rainfall, Sunshine and Weather NOVEMBER, 1943

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation: Max. Min. Rain	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES FAHRENHEIT: Means of A Max.	Means of B Min.	Mean of A and B	Difference from Average	Absolute Maximum and Minimum: Maximum	Date	Minimum	Date	Earth Temperature 1 ft	Earth Temperature 4 ft	RAINFALL: Total Fall mm	Total Fall in	Percentage of Average	Most in a day: Amount	Most in a day: Date	WEATHER Number of days: Precip'n 0·1 in (0·2 mm) or more	Precip'n 0·4 in (1·0 mm) or more	Snow	Snow lying	Hail	Thunderstorm	Fog (Morn'g Obs.)	Ground Frost	Gale	BRIGHT SUNSHINE: Daily Mean	Percentage of Average	Percentage of Possible
		G.M.T.	ft	°F	°F	°F	°F	°F		°F		°F	°F	mm	in	%	in											hr	%	%
8 ENGLAND, E.																														
Norfolk	Cromer	9 9 9	178	50·4	38·7	44·5	0·0	64	3	30	27	–	–	62	2·43	103	·41	6	22	14	1	0	4	2	2	6	0	2·55	115	29
	Hunstanton	9 9 9	100	48·9	37·8	43·3	-1·3	60	1,3	29	29,21	–	–	49	1·91	–	·32	5	20	14	1	0	4	0	2	–	–	2·88	141	33
	Norwich	9 9 9	110	48·8	35·9	42·3	-0·8	62	3	28	20,27	42·9	–	71	2·81	112	·41	14	25	14	1	0	6	0	–	17	–	2·71	128	31
	Sprowston	9 9 9	93	48·9	36·8	42·9	-1·0	61	3	28	20	–	–	86	3·39	–	·58	14	20	17	0	0	0	0	–	15	–	2·58	137	30S
	Terrington	9 9 9	13	48·6	35·8	42·2	–	60	2,3	27	20	–	–	47	1·86	–	·36	14	14	14	7	0	0	1	4	18	–	2·76	–	32
	Yarmouth ¶§	18-7 7	5	49·6	40·4	45·0	+0·3	61	2	31	26	46·9	52·3	91	3·58	149	·98	6	21	18	0	0	6	3	1	3	0	2·65	120	30
Suffolk	Bungay (Flix'n)	9 9 9	79	47·8	36·8	42·3	-0·6	60	3	29	30	–	–	60	2·37	–	·48	14	15	15	0	0	2	1	0	12	–	–	–	–
	Felixstowe Airfield	18-7 7	10	49·2	40·1	44·7	0·0	61	3	32	20,27	–	–	40	1·59	78	·30	6	21	15	0	0	0	0	1	7	0	3·11	127	35
	Ipswich, Belstead	9 9 9	125	48·4	36·8	42·6	–	60	3	29	20,21	45·9	50·5	39	1·53	–	·32	5	21	12	4	0	0	0	3	14	0	2·85	–	32
	Lowestoft	9 9 9	82	48·9	37·4	43·1	-1·7	60	2,3	29	26,27	45·3	49·3	83	3·29	140	·81	14	15	13	1	0	2	1	8	4	0	2·59	110	30
	Mildenhall	18-7 7	15	48·6	37·0	42·8	–	62	3	27	19,20,21	–	–	30	1·18	–	·20	5	19	13	1	0	0	0	7	16	0	2·41	–	28
	Santon Downham	9 9 9	24	48·5	33·5	41·0	–	61	3	23	27	43·7	49·9	44	1·72	–	·34	14	18	12	0	0	0	1	7	19	–	–	–	–
	Stradishall	18-7 7	382	47·0	37·6	42·3	–	60	3	27	20	–	–	48	1·89	–	·26	6	20	16	4	0	1	1	8	11	0	–	–	–
Cambridge	Cambridge Gdns ¶§	2121 9	41	48·9	35·5	42·2	-0·7	60	3	26	26	44·6	50·9	34	1·33	69	·29	5	17	12	1	0	0	0	2	14	0	2·22	109	25
Bedford	Dunstable	18-7 7	516	46·5	35·9	41·2	–	57	1,23	26	21	44·2	50·3	31	1·22	–	·19	6	16	12	5	0	1	0	7	15	0	2·38	–	27
	Luton	9 9 9	381	48·1	36·5	42·3	0·0	58	1,3	27	21	46·5	52·3	30	1·19	–	·25	12	13	12	–	–	–	–	3	15	–	2·41	125	27
	Woburn	9 9 9	291	47·9	35·6	41·7	-0·6	57	1,2,3	24	29	42·3	50·5	29	1·14	51	·17	1	17	10	1	0	0	1	3	13	–	2·47	120	28
Hertford	Rothamsted ¶§	9 9 9	420	47·2	36·2	41·7	-0·4	56	1,2,3	28	21	43·5	–	33	1·31	51	·19	12	20	11	1	0	0	0	3	12	0	2·50	113	28
	St. Albans	9 9 9	272	48·5	35·4	41·9	-1·0	58	2	26	21	44·6	–	35	1·39	58	·24	12	17	11	–	–	0	0	2	15	–	–	–	–
Essex	Dovercourt	9 9 9	47	49·2	38·6	43·9	-1·3	63	3	31	27	–	–	39	1·53	–	·37	5	14	13	0	–	0	0	3	–	–	3·22	–	36
	Earls Colne	9 9 9	160	48·8	36·7	42·7	-1·2	60	3	28	20	44·5	51·2	41	1·61	–	·39	5	21	13	1	0	0	0	–	12	–	–	–	–
	Halstead	9 9 9	140	49·4	35·7	42·5	-0·2	61	3	25	20	–	–	41	1·63	–	·36	5	20	12	0	0	0	0	5	–	–	–	–	–
	Maldon	9 9 9	14	49·6	37·0	43·3	–	61	3	27	27	–	–	38	1·49	–	·33	5	18	12	0	–	1	1	3	–	–	2·95	–	33S
	Shoeburyness ¶§	18-7 7	11	49·0	39·2	44·1	0·0	64	3	30	20	–	–	29	1·14	54	·30	6	15	12	0	0	0	0	0	12	0	2·88	130	33
	Walton-on-Naze	9 9 9	35	49·5	38·5	44·0	-1·3	60	1,2,3	31	27	–	–	34	1·34	–	·30	5	17	11	–	–	–	–	3	7	–	2·67	119	30
	Writtle	9 9 9	110	49·3	35·9	42·6	–	60	3	27	20,21	–	–	38	1·48	–	·34	5	17	12	0	0	0	1	–	20	–	–	–	–
4 MIDLAND COUNTIES																														
Yorks., W. Riding	Askham Bryan	9 9 9	90	47·7	36·1	41·9	–	57	3	29	8,26,27	–	–	48	1·90	–	·78	14	12	9	1	0	0	0	5	11	–	2·17	–	25
	Bingley	9 9 9	610	46·6	37·5	42·1	–	55	2,3,11	29	26	–	–	72	2·84	–	·60	23	16	11	0	0	0	0	5	13	–	–	–	–
	Bradford	9 9 9	439	47·1	38·3	42·7	+1·0	56	2	30	19,26	43·3	49·4	65	2·54	75	·71	23	14	9	1	0	–	–	9	13	–	1·97	146	23
	Doncaster	9 9 9	25	48·7	37·1	42·9	–	57	2,3,9	27	27	–	–	40	1·58	–	·35	1	15	11	2	0	0	0	13	11	–	1·87	–	22
	Finningley	18-7 7	39	47·8	38·6	43·2	–	59	10	29	26	–	–	41	1·59	–	·26	14	16	15	1	0	0	0	10	–	0	–	–	–
	Harrogate ¶§	9 9 9	478	46·5	37·3	41·9	+0·4	56	10	30	26	44·2	47·3	57	2·23	81	·42	23	14	10	3	0	1	0	7	16	1	2·28	123	27
	Huddersfield	2121 9	325	47·2	37·7	42·5	+0·5	56	10	28	19	44·0	49·3	56	2·21	89	·61	28	12	9	0	0	0	–	11	22	–	1·63	132	19
	„ (Oakes)	9 9 9	761	45·9	37·2	41·5	-0·4	55	10	30	17	43·2	47·7	79	3·11	149	·72	28	20	12	4	0	1	1	4	13	1	–	–	–
	Ilkley	9 9 9	315	48·5	36·6	42·5	+0·9	57	2,10	28	26,27	–	–	72	2·85	–	·65	28	12	10	0	0	0	0	5	2	–	2·18	170	26
	Meltham	9 9 9	585	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Pontefract	9 9 9	255	47·6	37·6	42·6	-0·7	57	5	27	26	–	–	40	1·59	83	·45	1	12	11	–	–	–	–	10	11	–	1·82	–	21
	Rotherham	7 7 7	284	47·7	38·0	42·9	–	56	2,10	30	27	43·3	–	48	1·89	–	·56	1	16	13	1	0	0	0	6	6	–	1·85	–	22
	Sheffield	9 9 9	428	47·5	39·7	43·6	+0·3	56	2,10	33	8	44·4	48·7	60	2·35	83	·68	1	18	11	4	0	1	0	–	7	1	1·59	96	18
	Wakefield	9 9 9	115	49·0	37·9	43·5	+1·0	59	10	28	26	44·2	49·1	45	1·77	84	·50	1	14	10	3	0	0	0	11	12	–	1·21	97	14S
Derby	Belper (School)	9 9 9	198	48·6	37·9	43·3	+1·6	57	2	29	27	–	–	68	2·69	97	·47	1	17	14	2	0	2	0	–	–	–	–	–	–
	Buxton	9 9 9	1007	44·5	36·7	40·6	+0·1	55	2	28	17,26	43·1	46·9	115	4·54	97	·59	28	19	16	5	5	3	0	4	9	–	1·06	74	12S
Nottingham	Mansfield	9 9 9	357	47·2	37·6	42·4	-0·3	56	2	31	19	–	–	47	1·86	77	·42	1	14	12	4	0	1	0	12	–	–	–	–	–
	Nottingham ¶§	9 9 9	192	48·2	38·2	43·2	+0·7	57	2,3	31	26	44·2	49·2	42	1·65	87	·29	1	15	12	–	–	–	–	16	9	–	1·89	125	22
	Sutton Bonington	9 9 9	157	(48·4)	36·8	(42·6)	-0·4	–	–	29	19	44·8	–	41	1·63	89	·35	29	17	12	2	0	0	0	–	12	–	1·82	102	21
Leicester	Leicester	9 9 9	325	48·1	36·7	42·4	–	57	1,3	29	17,19	46·2	50·6	31	1·21	–	·16	29	16	12	2	0	0	0	3	14	–	1·59	–	18
Northampton	Oundle	9 9 9	147	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Peterborough	9 9 9	46	49·0	37·2	43·1	–	59	1	31	19,20	–	–	28	1·10	–	·18	1	17	9	1	–	0	0	–	–	–	–	–	–
	Raunds	9 9 9	193	48·3	35·8	42·1	–	58	2,3	25	20	44·4	51·4	26	1·02	–	·13	23	19	11	1	0	1	0	5	15	0	2·38	–	27
Warwick	Birmingham ¶§	18-7 7	535	46·8	39·3	43·1	+0·2	57	3	28	17	45·3	50·1	47	1·87	79	·39	1	18	13	4	0	2	0	8	13	0	1·60	104	18
	„ Sparkhill	7 7 7	425	48·1	37·4	42·7	+0·4	57	2,3	29	17,19,20	–	–	44	1·74	69	·44	1	17	11	4	0	1	0	6	15	–	–	–	–
	Coventry	9 9 9	241	48·3	35·0	41·7	–	59	3	26	26,27	45·3	52·6	37	1·47	64	·22	29	16	13	2	0	0	0	7	–	–	1·60	100	18
	Honiley	18-7 7	427	46·9	37·7	42·3	–	58	3	27	17	–	–	37	1·46	–	·29	1	16	13	1	0	0	0	6	12	0	–	–	–
	Leamington Spa	9 9 9	163	48·5	36·5	42·5	-1·0	60	3	27	19	43·7	52·7	42	1·66	–	·28	23	16	15	1	0	0	0	7	19	–	1·77	99	20
	Rugby	2121 9	390	48·2	35·3	41·7	-0·3	58	3	27	17,26,27	–	–	37	1·45	63	·20	23	17	14	2	–	0	0	–	21	–	–	–	–
	Shipston on Stour	9 9 9	364	48·2	37·8	43·0	–	58	2,3	29	17	–	–	40	1·56	–	·32	13	20	12	1	0	2	0	3	–	–	2·15	–	25
	Stratford on Avon	9 9 9	153	48·8	36·1	42·5	–	60	2,3	23	19	–	–	32	1·25	–	·16	12	17	14	0	0	0	0	4	18	–	1·93	–	22
Oxford	Oxford ¶§	9 9 9	208	49·2	37·6	43·4	0·0	59	3	27	20	44·4	50·1	35	1·38	60	·28	12	18	12	1	0	1	0	4	12	0	2·41	109	27
	Upper Heyford	18-7 7	408	46·9	36·9	41·9	–	57	3	27	20	–	–	39	1·55	–	·21	1	16	12	1	0	0	0	8	14	0	–	–	–
Stafford	Market Drayton	9 9 9	581	(47·0)	36·5	(43·6)	–	56	2,3,10	28	14,17	–	–	72	2.83	–	·60	13	21	15	1	0	3	0	4	13	–	1·83	–	21
	Mayfield	9 9 9	374	47·2	36·9	42·1	+1·4	57	2	29	8,17	–	–	83	3·27	108	·66	29	18	15	2	0	5	0	–	13	0	2·08	114	24
	Oaken	7 7 7	409		37·2		–	58	3	27	17,19	45·6	–	50	2·30	–	·36	1	17	14	1	0	1	0	7	17	–	–	–	–
	Walsall	9 9 9	455	47·6	37·5	42·5	–	57	3	28	17	–	–	50	1·98	–	·53	13	20	13	1	1	0	0	10	14	4	–	–	–
Shropshire	Newport	9 9 9	211	48·3	37·1	42·7	–	58	2,3	24	17,19	–	–	53	2·09	95	·40	13	24	12	1	1	1	0	0	13	–	2·10	–	24
	Oswestry	9 9 9	570	48·5	39·5	44·0	–	57	2	32	17	–	–	71	2·81	–	·41	13	21	17	2	0	1	1	5	13	0	2·22	–	24
	Shrewsbury	9 9 9	184	49·3	38·7	44·0	+0·3	58	2	25	19	46·6	51·8	52	2·05	–	·30	28	20	16	0	0	2	0	3	11	1	1·87	–	22
	Tern Hill	18-7 7	270	47·4	39·5	43·5	–	58	2	28	19	–	–	64	2·51	–	·52	1	19	15	1	0	0	0	4	11	0	–	–	–

¶§. § *See* Notes on Tables in Annual Summary.

TABLE III (*continued*)—Summary of Observations of Temperature, Rainfall, Sunshine and Weather NOVEMBER, 1943

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation Max. Min. Rain	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES FAHRENHEIT: Means of A Max.	B Min.	Mean of A and B	Difference from Average	Absolute Maximum and Minimum: Maximum	Date	Minimum	Date	Earth Temperature 1 ft	4 ft	RAINFALL: Total Fall		Percentage of Average	Most in a day: Amount	Date	WEATHER Number of days: Precip'n 0·1in (0·2mm) or more	0·4in (1·0mm) or more	Snow	Snow lying	Hail	Thunderstorm	Fog (More's Obs.)	Ground Frost	Gale	BRIGHT SUNSHINE: Daily Mean	Percentage of Average	Percentage of Possible
		G.M.T.	ft	°F	°F	°F	°F	°F		°F		°F	°F	mm	in	%	in											hr	%	%
4 MID COUNTIES—*cont.*																														
Worcester	Droitwich ..	9 9 9	106	48·8	36·5	42·7	–	58	2,3	23	26	–	–	33	1·29	–	·21	1,28	16	13	0	0	1	0	3	–	–	2·35	–	27
	Malvern	9 9 9	380	48·4	39·7	44·1	+0·5	57	2	32	17	44·7	49·3	37	1·44	57	·34	2	17	10	1	0	1	0	1	7	–	2·54	107	29
	Prestwood ..	9 9 9	260	48·9	36·3	42·6	–	59	3	25	17	–	–	49	1·93	–	·38	1	18	13	0	0	0	0	4	20	–	–	–	–
	Worcester, P'well	9 9 9	94	49·7	37·2	43·5	-0·2	59	2	25	26	–	–	33	1·31	–	·23	13	15	11	1	0	1	1	–	16	–	2·28	–	26
Hereford	Hereford ..	9 9 9	292	49·4	38·3	43·9	+1·6	57	2	28	19,20	–	–	41	1·60	64	·45	2	16	11	–	–	–	0	9	–	–	–	–	–
	Ross-on-Wye ¶§	18–7 7	223	49·3	40·2	44·7	+1·0	58	3	29	17,26	47·2	50·9	42	1·67	66	·49	2	18	12	0	0	1	0	3	12	0	2·51	119	28
Gloucester	Cheltenham ..	2121 9	214	49·7	38·0	43·9	+0·1	60	2	28	17,26	45·7	51·4	32	1·25	51	·25	12	15	11	1	0	0	0	4	14	0	1·84	88	21
	Frampton Cotterell	9 9 9	158	50·2	38·2	44·2	–	59	3,10	24	17	48·2	51·1	52	2·03	–	·58	2	20	13	0	0	0	0	2	16	–	–	–	–
	Parkend	9 9 9	325	49·3	37·5	43·4	–	57	2	27	26	45·7	50·1	49	1·94	–	·39	2	20	12	0	0	0	0	1	16	0	2·53	–	28
	Stonehouse ..	9 9 9	150	49·8	37·4	43·6	–	60	2	25	18	–	–	36	1·40	–	·34	2	16	12	0	0	1	0	4	15	–	–	–	–
5 ENGLAND, S.E.																														
London	City, Bunhill Row	—	—																									1·75	–	20
	Camden Square ..	9 9 9	110	49·4	38·6	44·0	-0·1	60	4	30	20	45·9	51·9	44	1·72	73	·32	23	15	11	–	–	1	0	–	12	–	–	–	–
	East Ham ..	9 9 9	15	49·7	38·9	44·3	+0·6	60	3	30	20,21	–	–	26	1·02	47	·18	5	12	9	–	–	–	–	–	–	–	–	–	–
	Enfield	9 9 9	87	48·9	36·9	42·9	0·0	58	3	26	21	–	51·1	32	1·26	52	·19	13	10	9	0	0	0	0	7	12	–	2·24	124	25
	Greenwich ..	2424 9	149	48·4	37·4	42·9	-0·8	58	2,3	29	20,26	47·7	51·5	32	1·26	55	·21	12	17	11	0	0	0	2	10	13	0	1·57	99	16
		21 9 –	—	48·1	39·1	43·6																								
	Hampstead ..	9 9 9	450	47·9	35·7	41·8	-0·7	57	1,2,3	27	20	–	–	44	1·73	–	·24	1	15	12	1	–	1	1	–	18	0	2·20	124	25
	Kensington ..	18–9 9	80	49·2	39·2	44·2	0·4	60	2	31	20,26	46·7	51·5	36	1·41	60	·20	5	15	11	0	0	0	0	–	14	0	–	–	–
	Kingsway ..	—	—																									1·65	–	19
	Regent's Park ..	9 9 9	129	49·2	39·0	44·1	–	60	2	31	20,21,26	–	–	38	1·50	–	·27	23	14	10	0	0	0	0	11	12	–	1·84	143	21
	Kew ¶§	242424	18	48·6	37·9	43·3	-0·5	59	2	29	26	45·9	51·8	33	1·31	59	·28	13	14	10	0	0	0	0	9	13	0	1·60	90	18
	Observatory ..	18–7 –	—	48·3	39·2	43·7	-0·6																							
	Southgate ..	9 9 9	221	49·1	37·6	43·3	–	58	3	26	20	47·9	–	34	1·35	–	·21	5	17	10	0	0	0	0	5	13	–	2·33	–	26
	Tottenham ††¶§	2121 9	54	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Wealdstone ..	9 9 9	204	48·8	35·9	42·3	–	59	2,4	27	26	–	–	34	1·34	55	·22	5	18	11	1	0	0	1	9	13	0	2·43	–	28
*	Westminster ..	9 9 9	27	49·8	39·0	44·4	-0·5	60	2	30	26	–	–	34	1·33	63	·19	5	15	11	0	–	0	1	–	12	–	1·66)	(140)	(19)
Surrey	Addington ..	9 9 9	473	48·1	37·2	42·7	0·0	57	3	28	20	–	–	29	1·16	–	·24	12	14	9	–	–	–	–	9	–	–	–	–	–
	Croydon	18–7 7	217	48·3	39·0	43·7	-0·6	59	2,3	28	20	–	–	34	1·32	48	·20	12	17	10	0	0	0	0	7	7	0	1·46	84	16
	Farnham ..	9 9 9	260	49·5	35·5	42·5	–	60	3	26	26	–	–	50	1·97	–	·28	14	17	13	1	0	0	0	11	15	–	–	–	–
	Milford	9 9 9	180	49·4	34·6	42·0	–	60	3	24	26	–	–	42	1·66	–	·20	123	18	13	1	0	0	0	6	12	–	2·17	–	24
	Wisley	9 9 9	150	49·1	36·8	42·9	+0·3	60	3	29	8,20,27	46·0	51·4	31	1·21	55	·18	12	16	12	0	0	0	2	8	19	0	1·74	93	208
Kent	Bromley	9 9 9	213	49·7	37·8	43·7	–	60	2,3	28	20	–	–	29	1·16	47	·22	12	13	11	0	0	0	0	5	11	–	–	–	–
	Canterbury ..	9 9 9	135	48·6	37·5	43·1	-1·0	62	3	28	27	46·6	53·6	52	2·03	–	·35	5	17	13	–	–	–	–	10	–	–	–	–	–
	Deal	9 9 9	18	50·3	40·5	45·4	-0·7	61	1,3	30	27	48·0	53·0	65	2·58	–	·43	17	17	15	0	0	1	1	3	4	–	2·56	117	29
	Dover	5 5 5	200	49·6	37·8	43·7	-1·8	61	3	31	8,10,11	–	–	70	2·75		·67	18	19	15	0	0	2	3	–	–	–	–	–	–
	Dungeness ..	18–7 7	20	50·2	37·9	44·1	-1·6	60	4	28	27	–	–	58	2·27	83	·45	23	14	10	0	0	0	0	–	0	–	–	–	–
	East Malling ..	9 9 9	132	48·8	36·0	42·4	-1·3	58	1,3	27	8,20,21	–	–	38	1·49	–	·27	27	19	10	0	0	0	0	6	14	0	2·03	117	23
	Goudhurst ..	9 9 9	290	48·6	36·2	42·4	–	58	1	27	8,26	–	–	47	1·87	–	·27	23	19	11	1	0	1	0	1	15	–	–	–	–
**	Lympne	18–7 7	341	48·0	38·6	43·3	-0·4	58	3	30	27	–	–	54	2·12	67	·52	18	17	13	2	0	1	1	14	0	2·80	121	31
	Manston	18–7 7	154	48·6	41·1	44·9	–	59	1,2,3	31	27	–	–	70	2·77	–	·72	18	18	13	1	0	2	2	2	3	0	2·47	–	28
	Ramsgate ..	9 9 9	80	49·6	41·5	45·5	-0·4	–	–	–	–	–	–	74	2·93	–	·71	18	17	17	1	0	2	2	0	–	–	2·26	99	25
	Tunbridge W. ..	9 9 9	351	48·1	34·8	41·5	-2·0	57	1,2,3	25	20,21,26	43·9	49·9	51	2·01	–	·54	12	15	12	0	0	0	0	1	14	0	2·38	109	27
	Whitstable ..	9 9 9	9	49·8	39·6	44·7	–	60	1	28	27	–	–	36	1·40	–	·33	5	18	11	0	0	0	0	2	–	–	2·32	–	26
	Wye	9 9 9	164	48·9	36·4	42·7	-1·2	60	3	27	23	–	–	51	2·02	–	·35	18	14	13	0	0	0	0	–	20	–	2·56	137	29
	Margate .. ¶§	9 9 9	51	49·7	42·0	45·9	-0·3	60	3	35	27	47·9	53·7	63	2·47	102	·68	17	16	13	2	0	2	2	0	0	0	2·32	103	26
Sussex	Beachy Head ..	18–7 7	502	47·6	40·1	43·9	-1·6	57	3	30	16	–	–	63	2·47	–	·56	6	14	12	0	0	0	0	2	–	–	–	–	–
	Bexhill	9 9 9	12	50·1	39·8	44·9	-1·7	59	1,2	30	26,27	49·4	–	39	1·53	–	·27	23	12	10	0	0	0	0	3	12	–	–	–	–
	Bodiam	9 9 9	71	50·4	36·2	43·3	–	64	2	27	27	–	–	38	1·51	–	·32	23	9	9	0	0	0	0	3	18	–	2·35	–	26
	Bognor	9 9 9	24	50·5	39·2	44·9	-0·7	59	3	31	20	–	54·4	54	2·14	–	·34	8	17	13	0	0	0	0	1	–	–	2·95	110	33
	Hastings ¶§	2121 9	149	50·4	40·2	45·3	-0·7	60	2	33	16,17	46·3	53·5	64	2·52	79	·81	8	19	10	1	0	0	0	0	13	1	2·88	114	32
	Horsham	9 9 9	350	48·8	34·3	41·5	–	59	3	24	8	44·5	–	49	1·93	–	·37	27	19	14	1	0	0	0	5	18	–	–	–	–
	Littlehampton ..	9 9 9	15	50·8	38·4	44·6	-0·9	59	3	28	27	–	51·3	44	1·73	–	·41	8	15	12	0	0	0	0	4	–	–	2·69	108	30
	Patcham ..	9 9 9	200	49·3	37·1	43·2	–	58	1,3	26	27	47·8	–	62	2·44	–	·59	27	16	14	0	0	1	0	–	12	1	–	–	–
	Seaford	9 9 9	45	50·2	39·1	44·7	–	58	1,2,3	30	8,17,27	–	–	45	1·75	–	·34	23	11	9	0	0	0	0	(3)	–	–	–	–	–
	Thorney Is. ..	18–7 7	10	50·9	38·9	44·9	–	63	2	28	20,21,27	–	–	40	1·57	–	·29	27	17	13	1	0	0	0	1	13	0	–	–	–
	Worthing ..	9 9 9	25	50·3	39·6	44·9	-0·8	59	3	31	21	45·7	52·4	53	2·09	65	·52	8	16	13	0	0	0	0	1	11	–	2·86	108	32
Berkshire	Reading .. †	9 9 9	152	49·7	37·6	43·7	+0·6	62	3	29	21	45·8	55·6	40	1·57	–	·28	14	14	13	0	0	0	0	–	11	–	2·24	–	25
	Shinfield ..	9 9 9	200	49·7	36·7	43·2	+0·3	61	3	26	21	–	–	37	1·44	–	·25	14	15	12	1	0	0	0	–	15	–	–	–	–
Hampshire	Bournemouth ..	9 9 9	139	50·7	39·1	44·9	-0·3	58	1,3	28	20	47·3	51·1	42	1·65	49	·40	1	17	14	0	0	0	0	3	–	–	2·74	102	31
	Bramley	9 9 9	196	50·0	35·6	42·8	–	60	2,3	25	20,21,27	45·9	52·5	38	1·51	–	·28	1	15	13	0	0	0	0	4	16	–	–	–	–
	Leckford ..	9 9 9	385	48·6	37·2	42·9	–	58	2	27	17	44·5	–	37	1·46	–	·21	23	20	12	0	0	1	0	4	–	–	2·60	–	29
	Long Sutton ..	9 9 9	479	49·3	35·4	42·3	-0·9	60	3	26	17	46·1	–	53	2·09	–	·29	1	16	13	1	0	0	0	4	10	–	2·11	107	24
	Portsmouth ..	9 9 9	15									47·2	51·4	32	1·25	41	·18	2	18	13	0·	0	0	0	0	10	–	2·88	110	32
	Southampton ¶§	2121 9	64	50·9	38·0	44·5	-0·2	60	3	28	17,26	–	–	38	1·50	48	·28	23	17	11	0	0	0	1	9	10	0	2·69	118	30
	S. Farnboro' ..	18–7 7	226	49·0	37·8	43·4	+0·3	59	3	26	27	–	–	39	1·52	57	·20	23	18	16	2	0	1	1	7	12	0	2·24	105	25
I. of Wight	*Newport	9 9 9	48	51·2	37·4	44·3	—	59	1	27	20,26	–	–				·38	28			0	0	0	0	–	10	–	–	–	–
	Ryde	9 9 9	13	51·1	41·0	46·1	+0·2	59	1,2,3	32	27	–	–	35	1·39	–	·19	23,27	15	13	0	0	0	0	0	–	0	2·87	119	32
	St. Catherine's Pt.	18–7 7	150	50·4	41·7	46·1	–	59	1,3	30	20	–	–	48	1·88	–	·41	2	17	12	0	0	0	0	0	–	0	–	–	–
	Sandown ..	9 9 9	13	51·6	40·9	46·3	+0·2	59	1,3	32	20	–	–	43	1·71	–	·25	23	18	14	0	0	0	0	0	–	–	3·01	118	34
	Totland Bay ..	9 9 9	140	50·8	40·9	45·9	0·0	59	1	31	17,20	–	–	47	1·87	60	·37	1	16	12	0	0	0	0	3	7	1	2·76	105	31
	Ventnor (Hospital)	9 9 9	60	51·5	42·6	47·1	0·0	61	1	32	17,20	–	–	54	2·12	66	·44	1	15	11	0	0	1	0	–	–	0	3·18	119	35
Wiltshire	Amesbury ..	18–7 7	417	48·5	37·4	42·9	–	57	1,2	27	17	–	–	39	1·54	–	·34	2	18	14	1	0	0	0	5	11	0	2·39	–	27
	Larkhill	9 9 9	440	48·3	36·3	42·3	-0·2	58	1	27	17,26,27	–	–	39	1·54	62	·20	23	15	13	1	0	1	0	6	13	0	–	–	–
	Marlboro' ¶§	9 9 9	424	49·3	33·9	41·6	-0·2	60	2	24	20,26	45·6	50·1	52	2·05	66	·32	23	15	13	0	0	1	0	10	11	0	2·09	113	24
	Porton	9 9 9	363	48·9	35·8	42·3	+0·1	58	1,2	24	27	45·1	–	38	1·49	57	·24	23	18	10	0	0	1	0	6	18	0	2·42	106	27

¶§, § *See* Notes on Tables in Annual Summary. †† Tottenham is used as a "district value" station for England. E., and not for England, S.E. † Sunshine recorder is at Seed Trial Grounds.

* Sunshine recorder and earth thermometers at Staplers. ** Height changed on June 25th, 1943.

TABLE III (*continued*)—Summary of Observations of Temperature, Rainfall, Sunshine and Weather NOVEMBER, 1943

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation Max. Min. Rain	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES FAHRENHEIT: Means of A Max.	B Min.	Mean of A and B	Difference from Average	Absolute Maximum and Minimum: Maximum	Date	Minimum	Date	EARTH TEMPERATURE: 1 ft	4 ft	RAINFALL: Total Fall mm	in	Percentage of Average	Most in a day: Amount	Date	WEATHER Number of days: Precip'n 0·1 in (0·2 mm) or more	0·4 in (1·0 mm) or more	Snow	Snow lying	Hail	Thunderstorm	Fog (Morn'g Obs.)	Ground Frost	Gale	BRIGHT SUNSHINE: Daily Mean	Percentage of Average	Percentage of Possible
		G.M.T.	ft	°F	°F	°F	°F	°F		°F		°F	°F	mm	in	%	in											hr	%	%
7a ENGLAND, N.W.																														
Cumberland	Keswick	9 9 9	254	48·5	38·8	43·7	+0·9	60	3	25	17	48·9	51·2	105	4·14	73	1·26	23	18	15	3	0	2	1	0	11	0	1·14	76	14
	Newton Rigg ¶§	2121 9	560	46·2	36·5	41·3	+0·7	56	4,10	25	26	–	–	57	2·25	64	·80	23	16	14	1	0	0	0	1	12	0	1·94	107	23
Westmorland	Ambleside ..	9 9 9	145	48·5	37·5	43·0	–	60	2	25	26,27	–	–	128	5·05	–	1·50	23	18	14	0	0	0	0	3	–	–	1·71	–	20
	Appleby	9 9 9	440																											
Lancashire	Blackpool ..	9 9 9	65	49·2	40·4	44·8	+1·0	59	3,10	30	17,19	45·2	50·4	79	3·13	90	·52	28	18	16	3	0	4	1	2	7	–	1·87	98	22
	Bolton	9 9 9	342	47·6	37·2	42·4	–0·1	58	10	29	17,26	45·0	49·2	118	4·65	114	·78	28	21	17	0	0	1	0	–	4	–	1·55	149	18
	Burnley	9 9 9	458	46·4	37·2	41·8	+0·5	56	2,10	24	17	44·3	49·2	92	3·62	–	·75	28	16	14	1	0	0	0	5	22	–	–	–	–
	Darwen	2121 9	724	46·6	37·4	41·9	+0·8	–	–	29	17	43·2	47·9	105	4·14	84	·74	28	18	14	3	3	6	0	8	13	–	1·59	116	19S
	Fleetwood ..	9 9 9	21	48·1	40·9	44·5	–	59	10	32	26	–	–	72	2·84	–	·46	5	19	15	0	0	2	1	1	9	4	1·83	–	22
	Hutton	9 9 9	82	48·4	38·6	43·5	+1·2	59	3	26	19	45·9	50·7	73	2·90	–	·58	28	15	15	2	0	4	0	–	12	0	1·67	110	19
	Leyland	9 9 9	125	48·6	37·9	43·3	+1·1	58	2,3,10	25	19	–	–	85	3·35	98	·55	28	15	14	0	1	2	0	2	14	–	–	–	–
	Manchester (Burnage) ..	9 9 9	147	49·0	38·1	43·5	–	63	2	26	17,18,19	–	–	63	2·47	–	·47	28	21	12	0	0	0	0	9	11	–	1·05	–	12
	(Whitworth Pk.)	2121 9	125	48·3	39·1	43·7	+0·3	59	2,3	28	17	46·7	49·3	65	2·56	97	·44	28	16	12	0	0	2	0	14	–	0			
	Morecambe ..	9 9 9	23	48·3	39·9	44·1	+0·7	58	2	30	26	–	–	86	3·38	89	·53	1	16	14	0	0	0	0	4	–	0	2·04	103	24
	Nelson	9 9 9	540																											
	Southport (Bedford Rd.Pk.) ¶§	9 9 9	35	49·6	40·4	45·0	+1·8	58	10	28	19	45·7	48·8	56	2·21	70	·47	28	17	16	0	0	4	1	5	7	2	1·97	105	23
	Stonyhurst ¶§	9 9 9	377	47·0	38·2	42·6	+0·5	56	2,3	29	19,26	–	–	117	4·60	102	·81	12	19	14	1	0	3	0	1	11	0	2·17	132	26
Cheshire	Bidston Obs'y ..	9 9 9	198	48·5	41·5	45·0	+1·1	58	2	34	17	–	–	50	1·97	79	·56	28	19	15	–	–	–	–	3	3	–	2·22	109	26
	Hoylake	9 9 9	22	50·5	41·6	46·1	+2·0	60	10	28	19	–	–	67	2·65	96	·50	28	21	18	0	0	3	0	–	11	–	2·14	108	25
	Macclesfield ..	9 9 9	500	46·5	37·4	41·9	+0·6	58	2	26	17, 19	–	–	80	3·16	107	·58	29	22	14	5	–	7	1	6	–	–	–	–	–
	Manchester (Ringway) ..	18–7 7	235	47·3	38·4	42·9	–	59	2	26	17	–	–	60	2·36	–	·44	29	19	13	1	0	5	2	4	9	0	–	–	–
	Warburton ..	9 9 9	68	48·5	37·3	42·9	–	59	2	25	19	–	–	55	2·17	–	·51	28	16	11	1	0	2	0	8	13	–	1·64	–	19
	West Kirby ..	9 9 9	25	48·9	41·0	44·9	+0·6	58	2	28	19	–	–	76	2·99	113	·52	28	22	16	1	0	12	1	0	10	–	2·52	133	29
7b NORTH WALES																														
Flint	Hawarden B'dge	9 9 9	17	50·4	41·0	45·7	+1·6	60	10	32	19,27	–	–	80	3·15	–	·47	12|13	21	15	2	0	4	0	2	–	–	–	–	–
	Prestatyn ..	9 9 9	18	52·1	43·2	47·7	–	60	4	30	19	–	–	60	2·35	–	·47	12	20	17	0	0	2	1	0	–	–	1·52	–	18
	Rhyl	9 9 9	31	50·9	42·7	46·8	+1·7	60	4	29	19	–	–	48	1·89	76	·46	28	21	14	0	0	4	0	0	4	5	1·66	79	19
	Sealand .. ¶§	18–7 7	16	49·4	41·4	45·4	+2·1	60	2	29	19	47·3	50·6	87	3·43	147	·76	12	21	17	0	0	4	2	3	9	1	1·99	112	23
Anglesey	Holyhead ¶§	7 7 7	26	51·7	44·6	48·1	+1·0	60	2	36	19	–	–	63	2·48	60	·35	28	25	17	–	–	–	–	–	1	10	1·69	80	20
	Holyhead (Valley)	18–7 7	32	51·1	43·3	47·2	–	62	2,3	29	19	–	–	64	2·52	–	·37	28	23	17	1	0	5	1	0	4	6	–	–	–
Denbigh	Colwyn Bay ..	9 9 9	118	50·8	42·2	46·5	+0·8	59	2, 4	33	19	–	–	72	2·82	–	·45	28	21	18	0	0	1	1	3	–	–	1·25	61	14
Carnarvon	Aber	9 9 9	60	50·9	43·2	47·1	+0·8	62	2	34	19	–	–	81	3·21	–	·44	23|28	24	17	0	0	6	0	0	0	0	0·90	63	10S
	Llandudno ..	9 9 9	13	51·0	43·6	47·3	+1·1	61	10	30	19	–	–	61	2·40	83	·50	28	23	16	0	0	5	0	0	1	0	1·28	64	15
Montgomery	Lake Vyrnwy ..	9 9 9	750	48·1	37·6	42·9	–	57	27	29	17	–	–	99	3·91	–	·68	28	24	16	4	0	2	0	0	12	–	–	–	–
	Welshpool ..	9 9 9	254	50·7	36·5	43·6	+1·3	59	8	21	17,19	–	–	73	2·86	98	·90	11	17	13	1	0	0	0	1	–	–	–	–	–
8a SOUTH WALES																														
Cardigan	Aberporth ..	18–7 7	376	49·5	42·7	46·1	–	57	2,4,9	29	19	–	–	93	3·66	–	·35	28	24	19	1	0	2	2	0	5	0	1·58	–	18
	Aberystwyth ..	9 9 9	12	51·4	41·7	46·5	+0·6	60	2	29	17	–	–	67	2·62	–	·38	13	20	15	0	0	3	0	1	–	–	1·77	78	20
	„ Llety-evan-hen	9 9 9	950	46·5	39·4	42·9	–	55	1,2,4	28	17	–	–	115	4·51	–	1·14	12	20	18	0	0	1	0	–	9	–	1·59	–	18
	„ P.B.S.†	9 9 9	452	50·7	41·0	45·9	+1·3	58	2	30	17,19	–	–	81	3·17	–	·48	12	23	17	0	0	3	0	3	9	1	1·86	83	21
Pembroke	Haverfordwest ..	2121 9	127	51·8	40·8	46·3	+1·5	58	4	27	19	–	–	102	4·01	–	·70	2	25	15	0	0	3	0	1	–	–	2·48	102	28
	St. Ann's Hd. ¶§	18–7 7	142	51·4	44·1	47·7	0·0	57	1,2,3	31	19	–	–	87	3·44	86	·46	15	18	14	0	0	2	0	0	–	7	1·94	88	22
	Tenby	9 9 9	64	51·6	41·6	46·6	+0·3	59	3	28	19	–	–	91	3·59	–	·49	14	24	15	0	0	3	2	1	10	–	2·52	106	29
Radnor	Rhayader ¶§	9 9 9	757	48·0	37·6	42·8	+1·8	57	4	22	19	–	–	118	4·64	90	·91	12	23	16	3	0	1	0	2	13	0	1·50	89	17
Breeknock	Cantref	9 9 9	1080	46·1	37·1	41·6	–	54	1,2,3	28	26,27	–	–	164	6·47	–	1·37	2	21	21	2	2	0	0	3	–	–	2·12	–	24
	Crickhowell ..	9 9 9	230	50·4	37·9	44·1	–	58	4,10	27	17	–	–	72	2·85	–	·82	2	21	15	0	0	1	0	0	15	–	–	–	–
Glamorgan	Cardiff	2121 9	203	50·9	40·4	45·7	+1·7	59	3	30	17	48·0	52·5	69	2·72	67	·71	2	20	13	0	0	0	0	1	3	0	2·48	113	28
	St. Athan ..	18–7 7	145	50·3	41·3	45·8	–	57	1,3,10	30	17,18,26	–	–	73	2·88	–	·60	2	20	16	0	0	3	0	2	10	0	–	–	–
	Swansea	9 9 9	32	51·5	42·2	46·9	+0·6	61	4	31	19	48·2	55·4	71	2·79	–	·39	26,27	21	13	0	0	3	1	5	9	–	2·29	114	26
8b ENGLAND, S.W.																														
Monmouth	Newport ..	9 9 9	265	50·4	40·0	45·2	+1·1	58	10	30	17	46·0	51·6	71	2·80	–	·78	2	18	13	1	0	0	1	11	–	–	2·84	–	32
	Usk	9 9 9	70	51·0	–	–	–	60	4	25	26		–								3	0	0	0	6		–	2·15	119	24
Somerset	Bath .. ¶§	9 9 9	67	50·1	37·7	43·9	–0·4	59	1,3	26	17,26	47·1	52·5	49	1·94	69	·48	2	17	13	0	0	0	0	11	–	0	2·38	108	27
	Bristol (Airport) ..	18–7 7	209	49·6	39·4	44·5	–	59	3	27	17	–	–	64	2·52	–	·67	2	17	12	0	0	2	1	5	14	0	2·19	–	25
	Cannington ..	9 9 9	95	51·8	41·1	46·5	–	61	4	30	26	–	–	57	2·26	–	·38	2	20	14	0	0	0	0	0	10	0	2·52	–	28
	Long Ashton ..	9 9 9	162	50·6	38·0	44·3	+0·3	59	3	24	17	–	–	56	2·21	70	·60	2	17	12	0	0	1	1	2	16	–	2·14	105	24
	Weston-s.-Mare ..	9 9 9	28	51·2	41·9	46·5	–	60	3,4	26	19	–	–	45	1·77	62	·47	2	18	12	0	0	0	1	4	8	–	2·41	113	27

¶§, 8 *See* Notes on Tables in Annual Summary. † Plant Breeding Station.

TABLE III (*continued*)—Summary of Observations of Temperature, Rainfall, Sunshine and Weather NOVEMBER, 1943

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation: Max. Min. Rain	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES FAHRENHEIT: Means of A Max.	Means of B Min.	Mean of A and B	Difference from Average	Absolute Maximum and Minimum: Maximum	Date	Minimum	Date	Earth Temperature 1 ft	4 ft	RAINFALL: Total Fall mm	Total Fall in	Percentage of Average	Most in a day: Amount	Most in a day: Date	WEATHER Number of days: Precip'n .01in (0·2mm) or more	Precip'n .04in (1·0mm) or more	Snow	Snow lying	Hail	Thunderstorm	Fog (Morn'g Obs.)	Ground Frost	Gale	BRIGHT SUNSHINE: Daily Mean	Percentage: of Average	Percentage: of Possible
		G.M.T.	ft	°F	°F	°F	°F	°F		°F		°F	°F	mm	in	%	in											hr	%	%
8b ENGLAND, S.W.—*cont.*																														
Dorset	Holton Heath ..	9 9 9	64	50·9	38·0	44·5	0·0	58	1,2,12	28	17,20,26	46·8	51·7	50	1·95	–	·44	2	18	14	0	0	0	0	4	11	1	2·93	129	33
	Poole	9 9 9	18	51·5	38·4	44·9	–	60	1,2	27	26	–	–	48	1·88	–	·44	1	16	13	0	0	0	0	3	–	–	2·69	–	30
	Portland Bill ..	18-7 7	32	50·8	44·5	47·7	-0·7	58	1,2,4	29	18	–	–	59	2·30	82	·75	2	13	10	0	0	0	0	0	–	0	–	–	–
	Shaftesbury ..	9 9 9	722	48·1	36·7	42·4	–	57	5	27	17	–	–	75	2·94	–	·59	2	18	15	0	0	1	0	–	–	–	–	–	–
	Swanage	9 9 9	14	51·1	40·8	45·9	–	58	1,2,10	30	17	–	53·2	44	1·74	–	·38	2	16	13	0	0	0	0	0	9	–	2·86	–	32
	Weymouth ..	9 9 9	16					59	1	31	17	–	–	59	2·31	75	·46	2	14	10	0	0	0	0	0	–	–	3·25	125	36
Devon	Barnstaple ..	9 9 9	25	52·2	39·7	45·9	-0·2	60	1,4	26	17,19	–	–	78	3·07	78	·41	13	23	17	–	–	–	–	0	7	–	–	–	–
	Cullompton ¶§	9 9 9	202	51·8	39·2	45·5	+1·6	60	1,4	26	17	47·1	–	75	2·97	86	·41	13 29	21	16	1	0	1	0	2	16	–	2·16	95	24
	Dawlish	9 9 9	17	53·0	41·4	47·2	–	60	4	31	17	–	–	54	2·13	–	·40	1,2	16	14	–	–	–	–	0	12	–	2·87	–	32
	Exmouth ..	9 9 9	195	50·8	40·9	45·9	+0·5	59	1,4	31	17,18,26	–	–	54	2·13	–	·43	1,2	16	12	0	0	1	0	2	–	0	2·82	115	31
	Hartland Pt. ..	18-7 7	299	50·7	45·1	47·9	–	57	2,4	37	15	–	–	64	2·51	–	·37	23	21	19	0	0	3	0	0	0	1	1·42	–	16
	Ilfracombe ..	9 9 9	25	52·1	44·9	48·5	+0·3	58	2	38	20	49·8	54·7	68	2·69	72	·37	23	18	18	0	0	1	1	0	0	–			
	Killerton ..	9 9 9	159	51·4	39·4	45·4	+1·3	59	1,4	27	17	–	–	69	2·71	–	·51	2	17	17	–	–	–	–	0	15	–	–	–	–
	*Newton Abbot ..	9 9 9	375	51·4	40·3	45·9	+0·3	60	4	27	17	–	–	59	2·31	64	·36	1	16	13	0	0	0	0	1	20	–	2·60	108	29
	Plymouth (Hoe)	2121 9	117	52·0	41·8	46·9	+0·3	61	4	31	17	47·6	51·9	61	2·41	66	·41	13	21	13	0	0	1	1	8	9	0	2·49	99	28
	Plymouth (Mount Batten) ..	18-7 7	86	52·3	42·7	47·5	+0·3	61	4	31	17	–	–	58	2·28	–	·44	13	19	12	0	0	1	1	1	8	0	2·44	99	27
	Princetown ..	9 9 9	1359	46·3	37·6	41·9	+0·2	55	1,4	27	17	–	–	162	6·39	72	·71	23	24	22	3	3	1	1	8	9	–	–	–	–
	Seaton	9 9 9	43	55·7	40·9	48·3	–	62	4	29	26	–	–		2·04	–	·34	29	15	13	2	0	0	0	3	7	–	–	–	–
	Sidmouth ..	9 9 9	25	51·9	40·8	46·3	+0·6	60	1,4	30	17	–	–	42	1·67	–	·35	2	11	11	0	0	0	0	0	8	–	2·95	–	33
	Tavistock ..	9 9 9	457	52·3	37·8	45·1	+0·5	59	3,4,6	26	17,18	–	50·6	81	3·18	63	·34	2	18	18	0	0	1	1	5	12	0	–	–	–
	Teignmouth ..	9 9 9	20	52·4	41·9	47·1	+0·2	59	1	33	26	–	–	49	1·93	60	·47	1	17	12	0	0	1	0	1	5	–	2·85	114	32
	Torquay	9 9 9	27	52·0	41·2	46·6	-0·7	59	1,4	30	17	–	53·3	47	1·83	53	.37	2	18	10	0	0	1	2	0	8	0	2·83	110	32
	Totnes	9 9 9	100	52·2	37·9	45·1	–	62	4	24	17	48·1	–	66	2·59	–	·40	2	17	13	0	0	0	1	–	17	0	–	–	–
Cornwall	Bude	9 9 9	50																											
	Ellbridge	9 9 9	200	51·9	40·5	46·2	–	59	1,4	31	23	–	–	80	3·16	–	·50	13	24	17	0	0	1	0	0	8	–	2·63	–	29
	Falmouth Obs. ¶§	9 9 9	167	52·4	43·1	47·7	+0·2	61	3,4	32	17,18,19	49·6	53·9	86	3·40	71	·57	13	22	17	0	0	5	3	1	7	–	2·41	95	27
	Fowey	9 9 9	51																											
	Gulval	9 9 9	20	52·3	43·9	48·1	+0·2	60	4	32	17	–	–	90	3·56	–	·49	15	23	19	0	0	4	1	0	7	–	2·43	99	27
	The Lizard ..	18-7 7	240	52·3	44·3	48·3	–	61	4	34	17,18,19	–	–	57	2·26	–	·28	2,13	23	21	0	0	1	1	–	0	2·64	–	29
	Newquay ..	9 9 9	182	52·1	43·9	48·0	+0·8	58	4	31	19	49·1	53·0	62	2·43	67	·27	15	22	18	0	0	8	4	0	–	1	2·11	84	23
	Penzance ..	9 9 9	55	52·7	44·4	48·5	-0·4	60	4	34	19	–	–	92	3·61	79	·50	15	23	20	0	0	3	1	0	–	–	2·18	87	24
	Tintagel	9 9 9	280	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
NORTHERN IRELAND																														
Londonderry	Castlerock ..	7 7 7	57	50·2	42·2	46·2	–	59	4	33	17	–	–	79	3·12	–	·39	24	25	19	0	0	3	0	0	0	6	–	–	–
	Garvagh .. ¶ (Moneydig)	7 7 7	121	48·8	39·5	44·1	+2·1	57	2,3,4	30	17,27	–	–	107	4·23	108	·44	13	28	20	4	0	8	1	1	8	–	–	–	–
Antrim	Aldergrove ¶§	18-7 7	268	47·9	40·4	44·1	+1·4	57	3,4	28	17,26	–	–	64	2·53	78	·31	13	26	18	4	0	3	1	1	9	0	1·63	84	19
Down	Ballyhalbert ††	9 9 9	34	49·9	41·4	45·7	–	56	2,3,4	34	17,26,27	–	–	38	1·49	–	·24	2	19	12	1	0	3	0	0	5	2	1·94	–	23
	Hillsborough §	9 9 9	388	48·0	39·4	43·7	–	·57	4	30	17,26	47·2	–	58	2·30	–	·32	2	24	18	2	0	1	0	1	8	0	1·99	95	24
Armagh	Armagh .. ¶§	2121 9	205	49·4	38·5	43·9	+1·0	59	3	28	15	46·3	49·9	57	2·23	79	·29	16	24	15	4	0	2	0	2	7	0	1·81	85	21
Scilly	St. Mary's	18-7 7	163	53·1	47·6	50·3	+1·1	61	3,4	38	15	–	–	53	2·07	63	·39	15	22	15	0	0	3	0	0	–	1	1·97	78	22
GIBRALTAR		18-7 7	400	64·0	52·9	58·5	-1·6	72	3	41	19	–	–	1	·06	–	·04	21	2	1	0	0	0	0	1	0	0	7·88	–	75
MALTA		18-7 7	231	67·4	50·9	64·1	+0·3	72	2,6	55	30	–	–	85	3·36	105	1·38	12	15	11	0	0	1	4	0	–	0	5·61	100	55

¶§. § *See* Notes on Tables in Annual Summary. †† Sunshine recorder is at Mount Stewart. * Seale-Hayne College.

TABLE III (*a*)—SKY OBSERVATIONS, NOVEMBER, 1943

WEATHER DIARY ROYAL OBSERVATORY, GREENWICH	Number
Persistently overcast days	2
„ cloudless „	1
„ foggy „	0

NIGHT SKY RECORDER**	GREENWICH	PORTON
Recorder in operation on	30 nights	26nights
Average exposure (hours)	13·1	12·2
Polaris unobscured (per cent.)	43	56
δ Ursæ Minoris (ditto)	38	52

** *See* Meteorological Magazine, May, 1920, p. 70.

TABLE III (*b*)—SOLAR RADIATION

DIRECT SOLAR RADIATION KEW OBSERVATORY	Cal./cm.²/diem.
Max. (on 7th.)	232
Mean	52·0

TABLE IV—Summary of Observations at fixed hours NOVEMBER, 1943

DISTRICT, COUNTY AND PLACE		Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE		TEMPERATURE AND HUMIDITY				CLOUD AMOUNT						VISIBILITY										WIND, NUMBER OF OBSERVATIONS					DIRECTION							
											NO. OF OBSERVATIONS					NUMBER OF OBSERVATIONS										FORCE (0-12)												
																FOG				MIST	POOR VIS.	MOD. VIS.	GOOD VISIBILITY															
				At Mean Sea Level	Difference from Average	Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	Mean Amount	0	1 to 3	4 to 6	7 to 9	10	0	1	2	3	4	5	6	7	8	9	8 or more	6 to 7	4 to 5	1 to 3	Calm	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
		G.M.T.	ft	mb	mb	°F	°F	mb	%																												
0 SCOTLAND, N.																																					
		1	23	1008·4	–	43·7	1·9	8·1	83	7·7	0	4	4	12	10	0	1	0	0	1	3	5	0	19	1	2	7	16	5	0	6	5	0	1	5	2	7	4
		7	23	1008·5	+2·5	43·2	1·4	8·4	87	7·7	0	4	4	12	10	0	0	0	1	2	1	4	2	17	2	1	12	11	6	0	9	3	0	2	3	4	5	4
Shetlands	Sumburgh (Links)	13	23	1008·3	–	44·6	2·1	8·3	83	8·2	0	2	4	15	9	0	1	0	0	1	1	2	1	16	8	0	6	17	7	0	6	0	1	3	4	3	6	7
		18	23	1008·1	–	43·3	1·9	8·0	84	7·4	0	4	5	11	10	0	0	0	0	1	1	5	1	15	3	0	11	13	6	0	7	0	1	4	1	5	6	6
		1	27	1012·6	–	45·4	1·5	9·2	88	7·7	1	4	4	6	15	0	0	0	1	1	1	5	6	16	0	1	9	11	9	0	5	4	1	0	6	2	8	4
		7	27	1012·5	–	45·1	1·2	9·4	90	7·9	0	1	7	12	10	0	0	0	0	1	2	5	7	15	0	1	9	9	9	2	5	2	0	1	5	1	6	8
Hebrides	Benbecula	13	27	1012·7	–	46·1	1·9	9·2	85	8·3	0	0	6	18	6	0	0	0	0	1	2	3	3	18	3	0	9	12	7	2	3	3	1	1	3	3	6	8
		18	27	1013·0	–	45·1	1·8	8·9	85	7·5	0	2	8	10	10	0	0	0	0	0	4	3	2	18	3	1	12	5	12	0	7	1	2	1	1	5	1	7	6
		1	83	1011·2	–	43·9	1·8	8·6	85	7·4	0	6	3	11	10	0	0	0	0	0	0	4	18	8	0	0	9	11	9	1	3	3	0	2	5	6	6	4
		7	83	1010·9	+3·6	43·2	1·4	8·6	88	7·5	0	3	7	11	9	0	0	0	0	0	1	7	8	13	0	1	6	10	11	2	4	2	0	0	4	3	8	6
	Stornoway	13	83	1011·1	–	45·1	2·1	8·7	83	8·1	0	1	6	15	8	0	0	0	0	0	1	6	5	14	2	2	10	8	7	3	5	2	0	0	4	3	8	5
		18	83	1011·5	–	43·0	1·7	8·3	85	7·2	0	2	9	14	5	0	0	0	0	0	3	4	10	12	1	1	4	12	10	3	6	0	1	0	5	4	7	4
		1	117	1010·5	–	41·9	1·1	8·4	90	7·5	0	5	5	10	10	1	0	0	1	0	1	4	9	13	1	2	2	11	13	2	5	1	0	2	4	7	2	7
		7	117	1010·5	+3·4	42·4	1·4	8·4	88	7·7	0	3	5	14	8	0	1	0	1	1	1	2	9	14	1	2	1	8	18	1	6	2	0	1	4	10	1	5
Caithness	Wick	13	117	1010·3	–	44·2	1·7	8·8	86	8·1	0	3	2	18	7	0	0	0	1	1	1	3	3	12	9	0	3	8	19	0	5	0	1	2	5	6	4	7
		18	117	1010·4	–	41·9	1·2	8·3	89	6·5	0	7	8	8	7	0	0	0	0	3	2	1	3	18	3	0	2	10	18	0	4	0	2	1	3	6	4	10
		1	371	1009·9	–	44·1	1·6	8·5	87	8·9	0	0	4	16	10	0	2	0	0	0	0	2	7	17	2	4	5	11	10	0	8	1	1	3	3	5	5	6
		7	371	1009·6	–	44·1	1·5	8·6	87	8·6	0	1	4	17	8	1	0	0	0	0	0	2	7	22	0	4	3	12	11	0	10	0	3	3	0	5	4	5
Sutherland	Cape Wrath	13	371	1009·7	–	44·5	1·9	8·5	85	8·7	0	0	5	20	5	0	1	0	0	0	0	2	4	18	5	3	5	10	12	0	9	2	2	0	1	7	5	4
		18	371	1010·1	–	43·9	1·9	8·3	85	9·0	0	0	1	22	7	1	1	0	0	0	2	7	19	0	2	7	13	8	0	9	0	2	1	2	6	7	3
		1	19	1011·9	–	41·6	1·7	7·9	86	7·3	1	9	11	7	2	0	1	0	0	3	0	3	2	18	4	0	4	10	10	6	2	0	1	0	2	5	6	8
		7	19	1011·6	–	41·2	1·6	7·8	86	8·0	1	6	13	8	2	0	0	0	0	2	0	4	0	21	3	0	4	12	10	4	2	3	1	0	1	5	7	7
Ross and Cromarty	** Invergordon	13	19	1011·4	–	44·4	2·0	8·5	81	7·6	0	6	11	10	3	0	0	0	0	1	1	2	4	11	11	2	3	8	15	2	2	2	0	0	1	6	10	7
		18	19	1012·2	–	41·5	1·8	7·8	85	6·6	0	11	8	8	3	0	0	0	0	1	1	3	2	21	2	0	3	10	13	4	3	1	0	0	0	6	10	6
		7	1180	969·3	–	38·1	1·2	6·9	89	8·8	0	1	3	10	16	0	0	0	0	2	3	4	11	10	0	0	0	5	23	2	7	2	0	1	3	6	4	5
Inverness	Dalwhinnie †	13	1180	969·5	–	41·0	2·1	7·1	82	9·0	0	1	6	13	10	0	0	0	0	1	1	4	7	18	0	0	1	10	19	0	6	4	0	0	3	6	4	7
		18	1180	970·0	–	38·4	1·4	6·9	87	7·5	0	4	3	18	5	0	0	0	0	1	0	5	11	13	0	0	0	8	18	4	6	1	0	1	4	6	4	4
1 SCOTLAND, E.																																					
		1	24	1011·3	–	42·2	1·7	8·0	85	7·9	1	2	5	8	14	0	1	0	0	1	0	4	2	16	6	1	2	12	15	0	4	1	1	2	4	7	8	3
		7	24	1011·1	–	42·3	1·8	8·0	84	7·7	0	1	9	13	7	0	1	0	0	0	1	1	3	16	7	1	3	10	14	2	6	1	2	1	3	6	6	3
Moray	Lossiemouth	13	24	1011·1	–	45·6	2·9	8·3	78	8·3	0	1	2	21	6	1	0	0	0	0	1	2	3	11	12	0	6	11	13	0	4	0	2	2	5	11	4	4
		18	24	1011·5	–	43·0	1·9	8·1	83	7·2	0	2	10	11	7	0	0	0	1	1	1	1	2	19	5	0	4	12	14	0	5	0	3	1	2	8	8	3
		7	85	1010·9	+2·0	42·0	1·9	7·6	83	7·3	0	6	3	10	11	0	1	0	0	2	4	4	3	7	9	0	0	1	7	19	3	2	1	0	1	4	6	4	9
		13	85	1010·9	–	44·8	2·6	8·0	79	7·3	0	7	1	13	9	0	0	0	0	0	5	1	3	16	1	0	1	9	19	1	1	0	1	0	5	5	3	14
Aberdeen	Aberdeen H	18	85	1011·1	–	42·6	2·2	7·5	81	6·1	1	11	1	7	10	0	0	2	0	0	6	1	5	4	10	0	0	0	12	18	0	3	1	2	0	3	6	4	11
		21	85	1011·4	–	41·9	2·1	7·4	81	5·4	2	10	4	6	8	0	0	1	0	6	3	3	6	11	0	0	1	10	17	2	2	0	2	0	3	3	5	13
		h.*	85	1011·0	+1·9	42·7	2·2	7·8	81																													
	Braemar ‡	9	1108	1012·9	+3·3	39·6	2·2	6·6	80	8·2	0	2	4	11	13	0	0	0	0	2	6	14	6	2	0	0	2	4	16	8	9	0	2	2	2	1	1	5
		1	237	1011·3	–	41·3	1·6	7·8	85	6·9	1	4	6	10	9	0	2	0	1	0	2	1	4	15	5	0	2	11	14	3	2	1	1	0	3	5	8	7
		7	237	1011·0	–	40·9	1·3	8·0	88	7·8	0	4	3	12	11	1	1	1	0	2	1	4	0	13	7	0	2	9	17	2	4	0	0	2	3	6	5	8
	Dyce	13	237	1011·1	–	44·1	1·8	8·3	82	7·4	0	5	3	15	7	0	0	0	0	1	1	2	1	10	10	0	1	8	11	1	1	1	1	3	6	3	14
		18	237	1011·3	–	41·9	1·8	7·8	84	6·8	1	8	3	7	11	0	0	0	1	1	2	1	1	11	10	0	3	13	13	1	1	0	0	1	3	3	6	12
		1	22	1012·0	–	41·5	1·6	7·6	85	6·7	0	9	2	11	8	0	0	1	0	1	0	3	4	8	6	6	0	1	9	18	2	3	1	0	1	2	5	11	5
		7	22	1011·6	–	41·3	1·4	7·7	87	6·5	0	10	2	9	9	0	0	0	0	1	0	4	5	10	5	0	2	4	22	2	3	1	0	1	2	4	8	9
Angus	Montrose (Airf'd)	13	22	1011·7	–	45·5	2·7	8·1	78	7·0	0	6	5	9	10	0	0	0	0	1	2	1	4	3	2	17	0	2	5	22	1	5	0	1	0	3	4	6	10
		18	22	1011·9	–	42·5	1·8	7·8	84	5·1	1	12	6	6	5	0	0	0	0	1	2	2	4	7	11	0	0	11	17	2	4	0	1	0	1	5	9	8
		1	33	1012·3	–	40·1	1·6	7·5	85	6·4	4	8	2	10	6	0	3	0	1	1	0	3	3	16	3	0	1	6	20	3	3	2	0	0	2	8	10	2
		7	33	1012·3	–	40·0	1·4	7·6	86	6·8	1	7	5	7	10	0	1	0	2	0	3	3	3	9	2	0	2	3	24	1	4	1	2	0	2	8	9	3
Perth	Errol	13	33	1012·1	–	45·5	2·9	8·2	76	7·1	0	5	7	9	9	0	0	0	2	0	4	2	2	13	7	0	1	10	18	1	3	1	2	0	2	6	8	7
		18	33	1012·2	–	41·7	2·2	7·9	81	5·3	1	13	5	6	5	0	1	0	0	1	2	5	3	12	6	0	0	8	19	3	3	0	1	0	1	8	11	3
		J	36	1012·2	–	40·8	1·3	7·9	88	6·4	1	8	3	9	9	0	1	1	2	0	1	8	7	9	1	0	1	11	12	6	2	0	1	0	1	7	10	3
		7	36	1011·7	+2·2	41·3	1·2	8·2	89	7·1	0	7	2	11	10	0	0	3	0	1	5	4	7	8	2	0	0	10	16	4	2	2	1	0	2	5	10	5
Fife	Leuchars H	13	36	1012·0	–	46·0	2·6	8·4	79	7·3	0	3	8	9	10	0	0	1	0	1	3	6	1	12	6	0	2	14	12	4	4	1	0	1	7	8	6
		18	36	1012·1	–	42·3	1·5	8·3	87	5·4	0	11	8	4	7	0	1	0	1	1	1	6	6	2	5	0	1	9	16	4	4	0	2	0	1	5	11	3
Mid Lothian	Edinburgh (Blackford Hill)	9	441	1012·5	–	42·5	2·2	7·5	81	6·4	1	8	3	9	9	0	0	0	1	1	1	16	0	11	0	0	4	9	16	1	1	0	0	1	4	4	14	4
		21	441	1013·4	–	41·5	2·2	7·1	81	5·1	3	9	8	2	8	-	-	-	-	-	-	-	-	-	-	0	0	6	20	4	0	0	0	4	4	12	6	6
		1	312	1011·5	–	43·5	2·2	7·8	82	6·4	0	8	7	7	8	2	1	1	0	0	1	2	22	1	0	1	11	6	12	0	6	1	0	2	3	4	8	6
Berwick	St. Abb's Head	7	312	1011·0	–	43·5	2·0	8·0	84	6·9	0	6	4	16	4	1	1	1	0	1	0	1	2	21	1	0	1	9	11	9	0	5	0	0	3	2	6	10	4
		13	312	1011·4	–	45·2	2·5	8·2	81	7·5	0	5	3	16	6	0	0	0	1	0	0	3	19	7	0	0	1	4	16	9	0	5	0	1	2	2	6	9	5
		18	312	1011·6	–	44·6	2·5	8·0	79	7·0	0	8	3	11	8	0	1	1	0	0	1	2	22	2	0	2	6	14	8	0	7	1	0	1	3	4	10	4
6a SCOTLAND, W.																																					
		1	27	1013·4	–	46·1	1·3	9·7	89	7·6	0	5	6	7	12	0	0	0	0	0	2	4	10	13	1	0	3	12	14	1	5	1	0	1	6	2	6	8
		7	27	1013·3	+4·9	45·9	1·6	9·4	88	8·0	0	2	6	9	13	0	0	0	0	0	2	4	8	14	2	0	5	3	10	13	2	5	3	0	1	4	3	5	7
Argyll	Tiree	13	27	1013·4	–	47·2	2·0	9·6	84	8·0	0	2	4	16	8	0	0	0	0	0	2	2	7	11	2	0	5	10	13	2	2	4	0	1	3	3	6	9
		18	27	1013·9	–	45·7	1·8	9·2	85	7·8	0	2	6	11	11	0	0	0	0	1	1	2	7	15	4	0	3	13	12	2	3	3	1	1	4	2	6	9
		9	187	1014·0	+3·7	44·3	1·6	8·6	87	7·5	0	2	8	11	9	0	0	0	0	0	2	7	2	17	2	1	0	5	24	0	3	1	4	1	1	2	2	16
Bute	Rothesay	21	187	1014·5	–	43·5	1·7	8·2	86	6·2	0	7	8	9	6	0	0	0	0	0	2	7	6	15	0	1	1	5	23	0	4	1	4	1	1	2	1	16
		1	24	1013·3	–	42·1	1·6	8·2	85	6·8	2	5	4	9	10	0	0	0	1	0	2	7	6	15	0	0.	0	5	23	2	1	4	2	0	2	10	8	1
Renfrew	Renfrew (Abbotsinch)	7	24	1013·0	+2·7	42·4	1·4	8·4	88	7·4	1	3	3	13	10	0	0	0	1	3	0	6	8	8	0	0	1	4	22	3	2	3	3	0	3	5	9	2
		13	24	1013·3	–	46·7	2·9	8·7	77	8·0	0	2	5	12	11	0	0	0	1	3	0	5	3	4	15	0	0	2	8	16	4	3	1	1	0	2	5	9	5
		18	24	1013·7	–	42·9	1·8	8·3	84	6·0	0	9	6	6	9	0	0	0	1	3	3	2	4	11	6	0	0	2	9	18	3	2	1	1	0	2	11	6	4
		7	778	1013·2	+2·2	38·3	1·4	6·7	85	6·6	2	6	5	4	13	1	0	1	1	3	3	1	7	3	13	0	0	2	7	15	3	8	2	1	1	3	2	5	1	4
		13	778	1012·9	-	43·3	3·0	7·2	75	7·4	0	6	3	10	11	1	1	0	1	3	1	2	2	17	0	0	5	9	13	4	6	3	1	0	2	4	3	6	5
Dumfries	Eskdalemuir ‡‡H	18	778	1013·5	–	39·4	1·8	6·7	83	6·6	1	7	4	8	10	1	1	1	0	3	1	2	4	14	0	0	1	13	12	4	6	3	1	1	3	4	3	6
		21	778	1013·8	–	38·7	1·6	6·7	84	6·0	4	6	5	6	9	0	3	1	1	1	0	5	3	16	0	0	1	11	13	5	6	1	0	1	3	3	5	6
		h.*	778	1013·3	+2·2	39·7	1·9	6·8	82																													
6b ISLE OF MAN																																					
Isle of Man	Douglas H	9	286	1015·0	-3·3	45·7	2·2	8·7	83	6·2	0	1	15	13	1	0	0	0	0	0	2	13	13	2	0	2	7	13	8	0	8	3	2	2	0	3	5	7
		1	31	1014·5	–	47·2	2·4	9·1	82	6·5	0	10	3	6	11	0	0	0	0	0	1	2	4	23	0	0	1	7	12	1	11	3	2	1	2	3	4	4
	Point of Ayre	7	31	1013·9	–	47·0	1·9	9·4	83	7·7	0	5	4	7	14	0	0	0	0	0	0	1	5	24	0	0	4	6	13	6	1	8	4	0	1	2	4	4	6
		13	31	1014·4	–	49·0	2·9	9·3	78	8·0	0	4	0	18	8	0	0	0	0	0	0	0	4	26	0	1	9	12	8	0	9	3	3	2	1	3	3	6
		18	31	1014·5	–	47·2	2·2	9·3	84	6·0	0	13	2	3	12	0	0	0	0	0	0	2	4	24	0	1	9	14	6	0	8	4	3	0	2	2	4	7

* Mean of hourly readings. † Pressure at Station Level. ‡ Mean pressure at Station Level is 971·3 mb.

‡‡ Mean pressures at Station Level are 984·1 mb. at 7 h., 984·0 mb. at 13 h. 984·4 mb. at 18 h., and 984·7 mb. at 21 h.

** Station transferred to Alness, March 24th, 1943.

TABLE IV (*continued*)—Summary of Observations at fixed hours NOVEMBER, 1943

DISTRICT, COUNTY AND PLACE	Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE: At Mean Sea Level	MEAN PRESSURE: Difference from Average	TEMPERATURE AND HUMIDITY: Dry Bulb	TEMPERATURE AND HUMIDITY: Depression of Wet Bulb	TEMPERATURE AND HUMIDITY: Vapour Pressure	TEMPERATURE AND HUMIDITY: Relative Humidity	CLOUD AMOUNT: Mean Amount	CLOUD AMOUNT: No. of Observations 0	1 to 3	4 to 6	7 to 9	10
	G.M.T.	ft	mb	mb	°F	°F	mb	%						
2 ENGLAND, N.E.														
Northumberland — Cockle Park ..	9	331	–	–	42·9	2·1	7·8	83	7·1	1	3	7	12	7
	21	331	–	–	41·1	1·9	7·4	84	6·7	0	6	7	12	5
Ouston	1	435	1013·5	–	40·1	1·2	7·8	89	6·8	0	8	4	10	8
	7	435	1013·0	–	39·9	1·1	7·8	90	7·1	0	6	6	9	9
	13	435	1013·3	–	44·0	2·5	8·1	80	7·5	0	4	6	12	8
	18	435	1013·5	–	40·5	1·4	7·7	87	6·2	1	9	4	7	9
Tynemouth ..	1	122	1013·3	–	42·9	1·5	8·3	88	6·2	2	7	7	7	7
	7	122	1013·0	+2·3	42·7	2·0	7·8	83	6·2	0	7	9	10	4
	13	122	1013·2	–	45·9	2·6	8·4	80	7·0	0	4	9	14	3
	18	122	1013·3	–	43·8	1·8	8·3	85	6·4	0	9	7	7	7
Durham — Durham	9	352	1012·5	+1·0	41·7	1·4	7·9	88	6·8	0	4	11	4	11
	21	352	1012·9	–	41·2	1·1	8·0	91	6·2	3	5	7	7	8
Yorks., N. Riding — *Catterick .. H	1	181	1014·0	–	41·1	1·0	8·2	90	6·5	4	4	4	8	10
	7	181	1013·6	+	40·2	1·2	7·8	89	6·7	1	4	4	11	10
	13	181	1013·7	–	45·3	2·5	8·5	80	8·1	0	1	5	15	9
	18	181	1013·9	–	41·9	1·3	8·3	89	6·6	2	6	5	6	11
Linton-on-Ouse ..	1	47	1013·7	–	40·6	1·1	8·0	90	6·8	0	8	2	13	7
	7	47	1013·4	–	39·7	1·0	7·8	91	6·8	1	4	8	9	8
	13	47	1013·5	–	45·8	2·5	8·6	80	7·5	0	4	5	11	10
	18	47	1013·7	–	42·5	1·7	8·2	86	6·3	0	10	5	4	11
Scarborough ..	9	96	1012·8	+1·3	44·5	2·5	8·0	82	6·0	0	8	5	14	3
Thornaby	1	60	1013·2	–	41·6	1·2	8·2	89	6·4	2	7	2	8	11
	7	60	1012·8	–	41·1	1·3	7·9	88	6·7	1	6	2	16	5
	13	60	1013·0	–	46·5	2·4	9·0	82	7·1	0	5	6	11	8
	18	60	1013·3	–	43·0	1·5	8·4	86	6·0	2	10	1	6	11
York	9	53	1014·3	+2·0	41·9	1·6	7·9	87	7·6	2	3	1	14	10
Yorks., E. Riding —	1	70	1013·6	+	41·1	1·3	8·0	89	6·5	3	5	5	9	8
Driffield	7	70	1013·3	–	40·2	1·1	7·8	90	6·9	0	7	4	10	9
	13	70	1013·3	–	46·2	2·8	8·6	79	7·2	9	5	4	14	7
	18	70	1013·5	–	2·4	1·6	8·1	89	5·2	3	10	4	5	8
Spurn Head ..	1	57	1013·8	–	43·7	1·4	8·6	89	7·1	6	0	4	13	7
	7	57	1013·2	+1·9	43·8	1·8	8·5	87	7·1	2	4	4	12	8
	13	57	1013·3	–	46·3	2·5	8·7	81	7·6	0	5	2	17	6
	18	57	1013·4	–	44·9	2·1	8·5	84	6·5	2	6	7	8	7
Lincoln — Cranwell .. H	1	208	1014·4	–	40·5	0·7	8·2	93	6·4	5	2	5	7	11
	7	208	1014·1	–	40·7	1·0	8·2	91	7·2	0	4	6	10	10
	13	208	1014·1	–	46·1	2·5	8·9	81	7·8	1	2	4	15	8
	18	208	1014·4	–	42·4	1·3	8·3	89						
3 ENGLAND, E.														
Norfolk — Cromer .. H	9	74	1013·8	–	43·7	1·4	8·7	89	6·7	2	0	13	11	4
	1	26	1013·4	–	43·1	1·8	8·1	85	6·2	7	1	5	7	10
Yarmouth	7	26	1013·2	+0·6	42·6	1·7	8·0	86	6·8	0	6	6	11	7
	13	26	1012·9	–	47·5	3·4	8·4	72	7·3	1	3	5	16	5
	18	26	1013·5	–	44·9	2·4	8·2	81	5·7	6	1	10	6	7
Suffolk — Felixstowe Airfield	7	16	1014·3	–	42·2	1·4	8·0	88	6·3	1	9	3	5	12
	13	16	1014·4	–	48·2	3·5	8·4	73	7·0	1	6	2	11	10
	18	16	1014·6	–	44·8	2·2	8·4	83	5·1	4	10	2	6	8
Stradishall ..	1	405	1015·1	–	40·1	1·0	7·9	91	6·5	5	4	2	8	11
	7	405	1014·9	–	39·6	0·8	7·9	93	6·6	0	9	3	7	11
	13	405	1014·7	–	46·1	3·1	8·3	77	6·6	1	4	8	12	5
	18	405	1015·0	–	42·2	1·6	8·0	86	5·5	3	10	3	4	10
Mildenhall H	1	40	1014·6	–	40·1	0·9	8·0	92	6·7	2	6	3	12	7
	7	40	1014·1	–	39·6	0·8	8·1	93	7·1	0	6	6	5	13
	13	40	1014·4	–	47·2	3·1	8·7	77	7·0	0	4	6	15	5
	18	40	1014·6	–	42·7	1·5	8·3	87	5·6	3	9	2	8	8
Cambridge — Cambridge .. H	9	43	1015·5	+2·1	42·8	1·7	8·4	86	7·7	3	1	6	4	16
	21	43	1015·3	–	40·0	1·1	7·8	90	4·8	13	2	1	4	10
	1	519	1015·7	–	39·6	0·7	8·1	93	6·1	6	5	2	5	12
Bedford — Dunstable H	7	519	1015·5	–	39·1	0·7	7·8	93	6·6	2	7	3	6	12
	13	519	1015·0	–	45·6	2·7	8·4	79	7·2	1	5	2	12	10
	18	519	1015·8	–	41·7	1·5	8·0	87	5·7	5	6	4	7	8
Hertford — Rothamsted ..	9	396	1015·2	+1·7	41·3	1·1	7·9	91	6·2	2	8	3	9	8
	7	12	1015·5	–	41·7	1·2	8·3	90	6·9	0	7	3	12	8
Essex — Shoeburyness H	13	12	1015·5	–	48·2	3·3	8·9	76	7·0	2	5	4	10	9
	18	12	1015·6	–	44·1	2·0	8·5	84	5·5	4	8	4	7	7
4 MIDLAND COUNTIES														
Yorks., W.R. — Finningley ..	1	55	1014·1	–	41·5	1·1	8·3	91	6·2	3	8	2	6	11
	7	55	1013·9	–	40·8	1·1	8·0	90	6·4	2	7	2	12	7
	13	55	1013·8	–	46·9	2·8	8·8	79	8·3	0	0	5	17	8
	18	55	1014·1	–	42·8	1·5	8·5	87	5·5	5	9	2	4	10
Harrogate ..	9	478	1013·7	+1·5	41·8	1·7	7·7	86	6·8	1	7	2	10	10
Nottingham — Nottingham ..	9	215	1014·2	+1·3	42·1	1·7	7·7	85	6·3	3	7	2	10	8
	7	542	1015·4	+2·2	41·5	1·1	8·3	90	7·2	4	3	2	9	12
Warwick — Birmingham H	13	542	1015·3	–	45·7	2·4	8·6	81	7·7	0	4	3	13	10
	18	542	1015·7	–	43·3	1·4	8·6	87	6·3	4	6	3	5	12
Honiley	1	431	1015·6	–	40·6	0·4	8·5	97	6·2	7	7	2	4	10
	7	431	1015·5	–	40·2	0·5	8·3	96	7·7	0	5	2	11	12
	13	431	1015·3	–	45·8	1·7	9·3	87	7·9	1	2	3	13	11
	18	431	1015·6	–	42·6	0·8	8·9	93	6·7	4	9	0	9	8

DISTRICT, COUNTY AND PLACE	VISIBILITY: Number of Observations — Fog 0	Fog 1	Fog 2	Fog 3	Mist 4	Poor Vis. 5	Mod. Vis. 6	Good Visibility 7	Good Visibility 8	Good Visibility 9	WIND, NUMBER OF OBSERVATIONS — FORCE (0-12): 8 or more	6 to 7	4 to 5	1 to 3	Calm	DIRECTION: N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
2 ENGLAND, N.E.																							
Northumberland — Cockle Park ..	0	1	0	0	1	2/5	7	0/0	18	1/0	0	1	10	18	1	4	0	0	1	4	3	6	11
	0	3	1	0	0	5/17		0/0	4	0/0	0	1	11	16	2	4	0	0	1	2	3	12	8
Ouston	0	1	0	1	0	2	6	4/4	12	0/0	1	2	13	14	0	0	1	2	2	3	12	8	9
	0	1	0	0	6	2	2/2	9	10	0/0	2	3	10	15	0	2	0	1	3	4	2	11	7
	0	0	0	2	1	1	4/4	6	11	5/0	2	5	11	13	0	3	2	0	2	1	3	8	10
	0	1	0	2	0	2	6/6	4	15	0/0	1	5	8	14	2	2	2	0	0	1	3	11	9
Tynemouth ..	0	1	0	1	0	2	2	10	15/15	0	0/0	1	3	11	15	0	3	1	0	0	1	5	0	13	7
	0	0	1	0	2	2	4/4	6	15/15	0	0/0	1	1	9	19	0	3	1	0	0	2	5	3	8	10
	0	1	0	0	4	3	8/8	13	0	0/0	3	2	11	14	0	4	1	0	0	2	3	11	4
	0	0	0	0	4	3	11/11	0	0	0/0	2	2	11	15	0	3	2	0	0	3	4	12	6
Durham — Durham	0	1	1	2	4	3	15/15	6	0/0	0/0	2	1	0	0	4	7	2	11
	0	1	0	1	1	0	15/15	12	0/0	0/0	0	0	8	16	6	1	0	0	0	4	3	8	8
Yorks., N. Riding — *Catterick .. H	0	1	2	4	2	1	5/5	11	4	0/0	0	3	10	12	5	2	1	0	1	6	2	4	9
	1	3	1	3	2	1	2/2	8	4	1/1	1	3	9	14	3	0	1	0	2	5	4	5	10
	0	3	1	2	5	1	2/2	7	9	0/0	0	3	14	10	3	2	1	0	2	5	1	5	11
	1	1	1	1	4	3	4/4	9	6	0/0	0	3	10	15	2	1	2	0	0	7	3	6	9
Linton-on-Ouse ..	0	1	3	2	5	3	4/4	7	5	0/0	0	1	7	16	6	1	0	2	3	4	1	6	7
	1	2	1	4	2	2	6/6	4	8	0/0	0	2	11	13	4	3	0	1	2	4	1	5	10
	0	0	1	5	1	4	6/6	1	8	4/4	0	3	10	15	2	1	2	0	0	7	3	6	9
	0	1	0	2	0	2	5/5	7	8	0/0	0	2	9	13	6	2	0	1	2	4	1	5	6
Scarborough ..	0	1	0	2	4	5	5/5	7	8	0/0	0	2	7	21	0	1	1	0	0	4	2	5	6	11
Thornaby	0	2	0/0	0	3/4	2	11/11	5	7/7	0/0	1	1	10	18	1	1	1	0	0	1	8	4	8	6
	0	1	1/1	0	4/4	2	7/9	3	11	1/0	0	0	10	18	2	0	2	0	0	0	6	6	7	8
	0	1	1/1	0	3/4	4	9/9	3	6	0/0	0	2	18	10	0	4	0	0	0	7	6	5	6	8
	0	1	1/1	2	4/4	3	9/9	6	0	0/0	0	2	11	17	0	1	2	0	0	2	6	5	9	5
York	–	–	–	–	–	–	–	–	–	–	0	2	0	28	0	1	0	0	4	0	2	1	10	5	12	9
	1	1	0	3	4	1	8/8	10	2/2	0/0	0	0	8	19	3	2	0	1	0	2	8	5	9	9
Yorks., E. Riding —	1	4	0	2	1	0	7/7	5/6	2/2	0/0	0	0	6	19	5	1	1	1	1	2	4	7	8
Driffield	0	2	1	2	5	1	7/7	6/6	2/2	0/0	0	3	10	16	1	2	2	0	1	2	2	6	5	9	7
	0	2	1	1	1	0	5/5	14	10	0/0	0	0	6	23	1	4	0	0	2	1	3	4	8	8	7
Spurn Head ..	1/1	0	0	1	0	1	4/5	8/8	15	0/0	0	0	7	14	9	0	1	0	0	3	2	3	6	9	9
	0/0	1	0/0	0	1	0	1/5	8/8	14	1	0/0	0	6	17	7	0	1	2	3	1	3	6	6	8	10
	1/1	1	0/0	0	0	1	3/3	11/9	9	0	0/0	1	6	17	6	0	1	0	2	2	2	5	4	8	9
	1/1	0	0/0	0	1	1	2/2	9/9	17	0	0/0	0	9	14	7	0	1	2	0	4	3	6	9	8	10
Lincoln — Cranwell .. H	1/0	2	2	1	3	0	4	3	12/12	4/4	0	0	2	11	16	1	3	0	1	3	2	0	6	10	8	6
	0	4	4	2	2	1	4/4	4	12/12	4/4	0	0	2	10	15	3	4	0	2	1	0	4	11	8	5	9
	0	4	2	1	4	2	8/8	14	5	0/0	0	0	4	16	10	0	3	0	2	1	4	2	5	8	9	7
	0	1	0	4	2	5	1	16/16	5	0/0	0	0	1	13	15	1	3	0	1	4	1	4	9	7		
3 ENGLAND, E.																							
Norfolk — Cromer .. H	0	0	0	2	0	5	19/20	4/4	0/0	0/0	0	4	9	17	0	3	0	2	5	0	3	8	9
	0	0	1	0	0	0	6/6	0	0	0/0	0	0	5	25	0	3	0	1	2	0	1	4	6	13
Yarmouth	0	0	1	0	2/2	1	4/4	2/2	0	0/0	0	1	8	21	0	1	3	2	1	0	2	3	4	6	11
	0	0	0	0	1/2	0	4/4	8/8	20	0/0	0	0	14	15	1	5	1	1	0	2	2	3	3	5	9
	0	0	0	0	4	1	4/4	14/10	18	1/0	0	1	10	18	1	6	0	0	2	2	4	3	12		
	0	0	0	1	0/4	4	8/8	10/7	14	0/0	0	1	12	17	0	2	2	2	2	0	4	5	7	10	
Suffolk — Felixstowe Airfield	0	0	0	0	2	3	10/10	11/11	4	1/0	0	1	22	7	0	4	1	2	3	0	3	5	4	7	11
	0	0	0	0	2	5	16/16	6/6	1	0/0	2	0	18	10	2	2	0	1	1	3	3	7	11		
	0	0	0	0	2/2	11	6/6	4/4	1	0/0	0	0	9	20	1	2	0	1	4	1	6	10	5		
Stradishall ..	0	0	0	0	2/6	2	9/9	3/3	1	0/0	0	0	8	19	3	1	1	1	3	4	2	5	7	5	
	0	0	0	0	2/2	5	13/13	7/7	2	1/1	0	0	11	18	1	3	0	0	4	3	3	6	10		
	0	0	0	0	2/2	9	14/11	2/2	1	1/1	0	0	10	19	1	2	0	0	3	5	3	8	9		
	0	0	0	0	1/2	2	11/11	7	1	2/2	0	0	9	19	1	1	0	1	4	4	3	8	5	7	
Mildenhall H	0	0	0	0	1/2	5	3	4/4	10	1/1	0	0	9	21	0	1	0	1	4	4	2	9	6	7	
	0	0	0	0	2	5	1	2/2	4	8/8	1	1	0	1	4	0	0	1	2	0	3	3	6	7	
	0	0	0	0	1	5	1	2/2	4	8/8	1	1	0	1	4	0	0	1	2	0	3	3	6	7	
	0	0	0	0	2	5	1	2/2	4	8/8	1	1	0	1	4	0	0	1	2	0	3	3	6	7	
Cambridge — Cambridge .. H	–	–	–	–	–	–	–	–	–	–	0	1	4	14	11	4	0	0	1	0	3	4	7		
	13	2	1	4	10	–	–	–	–	–	0	0	7	19	4	1	1	1	3	2	7	5	6		
	0	0	1	3	4	3	17	2	0	0/0	0	0	9	16	5	2	0	1	2	1	10	7	2		
Bedford — Dunstable H	2	1	0	4	2	6	12	3	0	0/0	0	0	6	10	12	2	4	1	1	2	3	2	7		
	0	0	0	0	3	2	18	7	0	0/0	0	0	14	12	4	2	0	1	2	2	8	5	6		
Hertford — Rothamsted ..	1	0	0	2	2	10	15	0	0	0/0	0	0	6	22	2	8	1	2	1	1	2	4	9		
	0	7	3	12	8	5	4	15	4	2	0	0	3	27	0	5	2	0	3	1	4	9	6		
Essex — Shoeburyness H	0	5	4	10	9	0	0	0	0	0	0	0	11	19	0	6	0	2	2	1	4	3	6	7	
	0	0	0	2	3	7	16	2	0	0	0	0	7	19	4	3	1	1	1	4	5	3	8		
4 MIDLAND COUNTIES																							
Yorks., W.R. — Finningley ..	0	0	3	3	6	3	7	8	0	0	0	0	11	16	3	3	0	1	4	3	4	5	7		
	1	2	2	5	2	4	7	6	1	0	0	1	9	17	3	1	1	1	1	5	2	7	9		
	0	1	1	2	3	4	9	9	2	0	0	2	13	13	2	4	2	0	1	2	3	6	12		
	0	1	0	1	2	2	5	12	4	2	0	2	9	15	4	2	0	1	2	3	4	9	8		
Harrogate ..	0	5	1/3	1	2	1	5	3	2	0	4	0/1	1	3	1	7	1	3	2	4	4	9	3		
Nottingham — Nottingham ..	1	3	4	9	3	5	4	0	1	0	0	1	1	4	25	1	0	2	2	3	0	4	5	13	5
	0	0	1	3	5	3	11	2	6	0/1/2	0	0	8	21	1	2	0	1	4	3	2	4	11		
Warwick — Birmingham H	0	1	4	3	2	2	12	6	3	0/0	0	0	11	19	0	4	0	0	3	0	3	4	4	12	
	0	1	0	2	3	4	11	6	3	0/0	0	0	6	24	0	2	0	0	3	2	3	6	11		
Honiley	0	1	0	2	0	4	6	3/3	2	0/0	0	0	8	20	2	2	0	0	2	2	4	7	8		
	1	0	1	0	1	2	4	3/3	2	0/0	0	0	8	21	1	3	0	0	2	2	1	6	9		
	0	1	2	3	2/3	5	10	3	6	3	0	0	4	10	14	2	3	0	0	1	2	4	3	5	9
	0	1	7	20	2	3	0	1	2	4	4	5	9										

* At Scorton from March 9th.

TABLE IV (*continued*)—**Summary of Observations at fixed hours** NOVEMBER, 1943

DISTRICT, COUNTY AND PLACE		Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE		TEMPERATURE AND HUMIDITY				CLOUD AMOUNT						VISIBILITY									WIND, NUMBER OF OBSERVATIONS									
											NO. OF OBSERVATIONS					NUMBER OF OBSERVATIONS									FORCE (0-12)					DIRECTION							
				At Mean Sea Level	Difference from Average	Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	Mean Amount	0	1 to 3	4 to 6	7 to 9	10	FOG 0	FOG 1	FOG 2	FOG 3	Mist 4	Poor Vis. 5	Mod. Vis. 6	GOOD VISIBILITY 7	GOOD VISIBILITY 8	GOOD VISIBILITY 9	8 or more	6 to 7	4 to 5	1 to 3	Calm	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
		G.M.T.	ft	mb	mb	°F	°F	mb	%																										
4 MIDLAND COUNTIES—*cont.*																																			
Oxford	Oxford	9	212	1016·2	+2·1	42·2	1·7	7·9	85	6·1	4	6	4	6	10	1	1	1	1	5	6	8	4	3	0	0	1	9	19	1	4	2	0	4	2	4	7	6
		1	243	1015·7	–	40·2	0·8	8·1	94	6·8	2	5	4	9	10	2	1	0	0	9	5	8	5	0	0	0	0	6	22	2	5	0	2	0	2	6	5	8
	Upper Heyford	7	243	1015·5	–	39·6	0·8	7·9	93	6·9	3	3	3	12	9	0	3	0	5	2	2	10	7	1	0	0	0	9	18	3	5	0	2	1	2	3	6	8
		13	243	1015·0	–	45·8	2·4	8·7	82	7·2	1	4	4	15	6	0	1	1	2	4	2	5	9	4	2	0	5	10	15	0	7	0	1	3	0	6	5	8
		18	243	1015·7	–	41·9	1·4	8·2	88	5·7	4	8	3	8	7	0	2	0	1	5	3	8	5	6	0	0	0	9	19	2	5	0	1	0	3	4	5	10
Shropshire	Shrewsbury H	9	186	1015·5	–	43·7	1·9	8·4	84	7·8	0	4	5	4	17	0	1	1	1	3	1	4	9	10	0	1	3	9	13	4	2	0	2	3	4	1	6	8
		1	295	1015·6	–	42·1	1·4	8·3	87	6·8	1	8	2	6	13	0	1	1	5	3	3	6	3	8	0	0	0	4	24	2	5	0	1	2	7	2	3	8
	Tern Hill	7	295	1015·5	–	41·6	1·0	8·4	89	8·3	0	2	2	16	10	0	0	0	4	4	4	1	7	9	1	0	0	5	24	1	7	0	0	4	5	1	4	8
		13	295	1015·5	–	46·4	2·9	8·6	77	7·9	1	1	5	12	11	0	0	0	1	4	4	3	10	3	5	4	0	1	8	20	1	9	1	1	2	3	3	4	6
		18	295	1015·7	–	43·5	1·9	8·4	84	6·2	2	7	5	9	7	0	0	2	3	3	6	3	6	7	0	0	1	6	22	1	8	0	0	1	2	4	1	2	10
		7	226	1015·9	+2·6	42·2	1·5	8·3	87	7·1	0	6	4	7	13	0	1	1	1	0	3	8	6	10	0	0	0	4	21	5	4	0	2	3	2	7	5	2
Hereford	Ross-on-Wye H	13	226	1015·7	–	48·0	3·4	8·7	74	6·6	0	8	3	10	9	0	0	0	1	1	2	7	3	16	0	0	1	12	17	0	5	0	2	2	1	6	9	5
		18	226	1016·1	–	44·4	2·0	8·6	83	5·7	0	13	1	6	10	0	0	0	1	3	3	6	2	15	0	0	0	9	21	0	3	0	2	1	2	8	9	5
Gloucester	Cheltenham H	9	230	1015·6	+1·8	44·4	2·2	8·3	82	7·6	0	4	6	9	11	0	0	0	4	4	4	8	9	1	0	0	0	0	28	2	4	0	0	2	4	3	8	7
		21	230	1016·3	–	43·3	1·8	8·2	85	6·2	2	1	13	8	6	0	0	0	0	0	1	23	5	1	0	0	0	0	22	8	2	0	0	1	1	5	4	9
5 ENGLAND, S.E.																																			
		9	152	1015·8	+1·6	42·9	1·7	8·3	86	7·0	1	8	3	4	14	0	3	4	3	4	8	8	0	0	0	0	2	9	17	2	6	1	0	2	4	7	5	3
London	Greenwich .. H	15	152	1014·9	–	46·7	3·4	8·3	75	7·8	1	2	6	9	12	–	–	–	–	–	–	–	–	–	–	0	3	12	12	3	3	2	1	2	1	7	4	7
		21	152	1016·1	–	42·4	1·7	8·0	85	5·5	10	3	2	1	14	–	–	–	–	–	–	–	–	–	–	0	0	11	15	4	5	0	1	2	2	7	6	3
		h.*	152	1015·6	+1·7	43·4																													
		7	34	1015·6	+1·7	41·5	1·2	8·2	90	7·5	0	6	3	8	13	1	2	2	4	4	6	10	1	0	0	0	0	3	25	2	5	0	3	1	1	7	5	6
		13	34	1015·3	–	47·6	3·7	8·2	73	7·5	1	4	2	17	6	0	0	2	0	1	6	15	1	5	0	0	0	13	17	0	6	1	1	3	0	6	5	8
	Kew Obs'y. H	18	34	1015·9	–	44·4	2·4	8·2	81	6·1	6	4	3	7	10	1	0	1	3	5	12	7	1	0	0	0	0	7	23	0	4	0	1	1	3	6	8	7
		21	34	1016·2	–	42·8	1·8	8·1	85	5·7	7	4	3	8	8	0	2	1	5	3	8	9	1	1	0	0	0	6	23	1	4	0	2	1	2	9	6	5
		h.*	34	1015·7	+1·8	43·6	2·0	8·1	84																										
		9	66	–	–	43·2	1·5	8·2	87	7·0	0	6	5	11	8	–	–	–	–	–	–	–	–	–	–	0	0	0	30	0	3	5	1	3	0	4	6	8
	Kensington..	15	66	–	–	47·5	3·3	8·4	75	7·2	0	2	9	14	5	–	–	–	–	–	–	–	–	–	–	0	1	5	24	0	3	3	1	2	0	6	5	10
		18	66	–	–	45·4	2·5	8·2	80	6·1	0	7	9	8	6	–	–	–	–	–	–	–	–	–	–	0	0	2	28	0	5	3	1	2	0	5	4	10
		1	225	1016·1	–	41·8	1·2	8·3	89	6·5	4	6	2	2	16	1	1	2	5	4	6	10	1	0	0	0	0	9	18	3	4	0	1	3	5	6	3	5
Surrey	Croydon .. H	7	225	1015·9	–	41·7	1·2	8·4	90	7·5	1	3	7	2	17	2	1	2	2	5	10	5	3	0	0	0	0	10	16	4	3	1	1	2	3	7	4	5
		13	225	1015·3	–	47·7	3·4	8·7	76	8·1	0	3	2	16	9	1	0	1	1	5	8	11	2	1	0	0	0	12	16	2	2	2	1	4	1	4	7	7
		18	225	1016·4	–	44·2	2·1	8·5	83	6·2	4	7	1	8	10	1	1	6	4	6	7	5	0	0	0	0	0	12	15	3	4	0	1	2	4	3		5
	Wisley	9	85	1016·3	–	42·7	1·6	8·1	87	8·2	1	3	3	6	17	0	3	0	5	0	2	10	10	0	0	0	0	0	26	4	5	0	0	3	1	7	5	5
		7	—	–	–	42·6	0·7	8·8	95	6·4	0	11	2	11	6	0	0	0	0	1	5	9	15	0	0	0	2	13	15	0	1	2	1	3	0	5	7	11
Kent	Dungeness ..	13	—	–	–	48·5	2·0	9·9	85	7·8	1	2	3	16	8	0	0	0	0	2	0	6	19	3	0	0	0	3	17	0	2	3	0	1	3	5	7	9
		18	—	–	–	45·8	1·5	9·4	89	6·3	0	7	7	9	7	0	0	0	0	1	3	10	15	1	0	0	1	15	14	0	3	1	0	1	3	5	8	9
		1	344	1015·7	–	41·2	0·8	8·5	93	5·6	6	6	3	7	8	0	2	0	1	5	5	13	4	0	0	0	1	8	21	0	8	3	0	2	0	3	6	8
	Lympne .. H	7	344	1015·5	+1·6	40·9	0·7	8·4	93	6·6	0	6	7	12	5	0	1	0	0	4	10	10	5	0	0	0	0	9	21	0	8	3	0	1	2	2	7	7
		13	344	1015·2	–	46·8	2·5	9·0	81	7·7	2	3	3	8	14	0	0	0	1	4	5	14	3	3	0	0	0	16	14	0	6	5	0	0	3	4	4	8
		18	344	1015·6	–	43·0	1·6	8·4	87	6·0	4	7	2	7	10	0	1	0	1	5	9	8	6	0	0	0	0	10	20	0	6	4	1	0	2	5	3	9
		1	156	1015·0	–	43·3	1·6	8·5	86	6·9	4	2	4	12	8	0	0	0	3	3	1	18	5	0	0	0	1	8	21	0	3	2	3	1	2	3	9	7
	Manston .. H	7	156	1014·9	–	42·9	1·4	8·5	88	7·0	0	6	6	10	8	0	0	0	2	6	1	8	12	1	0	0	0	11	18	0	7	1	3	0	4	3	5	7
		13	156	1014·9	–	47·6	3·1	8·7	76	7·7	1	2	5	13	9	0	0	0	1	2	2	12	8	5	0	0	0	16	14	0	4	2	3	0	4	2	5	10
		18	156	1015·1	–	44·9	2·4	8·3	81	7·0	0	6	5	10	9	0	1	0	1	2	3	16	3	4	0	0	0	11	18	1	4	1	4	0	2	4	6	8
	Tunbridge Wells ..	9	407	1015·9	+1·4	41·6	0·9	8·2	92	6·9	2	4	5	9	10	0	0	1	0	2	8	5	10	4	0	0	0	6	24	0	3	4	0	2	1	4	5	11
Sussex	Hastings .. H	9	154	1015·1	+0·9	45·0	2·0	8·7	83	6·6	4	4	4	7	11	0	0	0	0	3	9	15	0	3	0	0	0	9	20	1	4	6	0	3	0	6	2	8
		1	10	1016·2	–	43·0	1·2	8·5	90	5·7	6	6	3	7	8	0	0	0	0	9	5	9	5	2	0	0	1	12	14	3	5	2	2	1	2	2	7	6
	Thorney Is.	7	10	1015·9	–	42·8	1·2	8·4	90	6·3	0	10	4	5	11	0	0	0	0	1	2	5	11	8	2	1	0	1	9	19	1	6	1	3	2	0	5	6	6
		13	10	1016·2	–	48·9	2·9	9·3	79	6·4	3	7	2	8	10	0	0	0	0	1	0	3	9	7	9	1	0	4	14	10	2	6	1	1	1	2	4	4	9
		18	10	1016·5	–	45·1	1·8	8·8	86	5·5	6	6	4	7	7	0	0	0	0	4	10	9	5	2	0	0	1	7	20	2	4	0	1	2	2	3	7	9
		9	84	1016·8	–	43·9	1·3	8·7	89	5·6	3	9	5	4	9	0	1	2	6	2	2	7	3	7	0	0	2	8	15	5	5	5	0	4	0	1	4	6
Hampshire	Southampton ..	21	84	1017·2	–	43·3	1·3	8·5	89	4·0	10	7	2	7	4	0	1	1	2	2	1	9	10	4	0	0	2	8	17	3	5	4	0	2	1	4	2	9
		1	231	1016·1	–	41·2	1·1	8·2	90	6·1	5	7	1	3	14	1	2	1	2	3	2	9	7	3	0	0	0	5	21	4	2	0	2	1	3	2	7	9
	S. Farnborough H	7	231	1016·0	+2·3	40·8	1·1	8·2	90	7·3	0	5	6	6	13	0	2	2	3	3	5	4	3	8	0	0	0	5	23	2	4	0	1	2	3	2	9	7
		13	231	1015·7	–	47·9	3·3	8·8	76	7·5	0	7	1	13	9	0	0	1	2	0	4	8	6	2	0	0	0	1	9	19	1	4	3	0	2	2	3	5	10
		18	231	1016·2	–	44·0	2·1	8·5	85	6·5	3	6	2	9	10	1	1	0	1	6	5	6	5	5	0	0	0	8	20	2	4	0	2	0	2	3	10	7
I. of Wight	Ventnor (Hosp.)	9	80	–	–	46·7	2·1	9·2	84	5·9	0	9	8	5	8	–	–	–	–	–	–	–	–	–	–	0	0	(11)	(19)	(0)	(4)	(5)	(1)	(0)	(2)	(5)	(9)	(4)
		15	80	–	–	48·8	3·2	9·1	77	5·9	2	9	4	5	10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		1	420	1016·7	–	40·9	1·0	8·3	91	5·6	7	6	2	3	12	0	1	1	3	2	4	8	6	5	0	0	0	10	19	1	7	0	1	6	1	4	4	6
Wiltshire	Amesbury H	7	420	1016·5	–	40·7	0·9	8·3	92	7·0	1	6	3	8	12	0	3	1	1	1	3	8	4	9	0	0	1	12	15	2	6	1	3	3	1	1	5	8
	(Boscombe Down)	13	420	1016·3	–	46·9	2·6	9·0	80	7·6	1	3	4	11	11	0	0	0	0	2	2	11	6	9	0	0	0	3	14	11	2	8	0	1	1	2	5	4	7
		18	420	1016·7	–	43·0	1·5	8·2	89	4·9	3	11	6	4	6	0	1	0	2	1	1	9	13	3	0	0	0	1	9	16	4	6	2	0	1	4	2	5	6
		9	444	1016·8	–	41·9	1·4	8·3	88	7·2	1	5	3	10	11	0	3	3	0	2	4	9	7	2	0	0	0	10	15	5	6	2	0	3	2	4	2	6
	Larkhill .. H	13	444	1016·0	–	46·7	2·9	8·7	77	7·5	1	5	4	9	11	0	0	0	2	4	2	11	2	9	0	0	0	2	10	15	3	8	1	0	1	3	5	5	4
		15	444	1015·8	–	46·1	2·6	8·6	79	6·9	1	7	1	14	7	0	0	0	1	3	5	7	5	9	0	0	0	8	18	4	7	1	0	1	2	4	5	6
7a ENGLAND, N.W.																																			
Lancashire	Hutton	9	86	1012·2	+0·6	43·7	1·6	8·5	87	7·6	0	3	3	21	3	–	–	–	–	–	–	–	–	–	–	0	0	4	18	8	3	2	0	3	5	2	1	6
	Manchester	9	127	1014·8	+2·2	43·2	1·8	8·1	84	8·2	0	1	6	9	14	–	–	–	–	–	–	–	–	–	–	0	1	6	23	0	5	0	3	3	5	3	5	6
	(Whitworth Pk.)	21	127	1015·2	–	42·7	1·6	8·1	87	6·0	1	10	3	5	11	–	–	–	–	–	–	–	–	–	–	0	0	3	23	4	2	0	1	5	2	4	5	7
	Southport †H	9	37	1015·3	+2·7	44·4	2·1	8·5	83	8·0	0	3	3	15	9	0	1	2	2	9	3	9	3	1	0	0	0	7	4	16	3	8	1	2	2	5	1	2	6
	(Bedford Rd. Park)	15	37	1014·5	–	46·6	2·7	8·8	79	7·2	0	4	7	12	7	0	0	2	4	8	10	3	3	0	0	0	7	7	11	5	4	4	1	2	3	2	2	7
		21	37	1014·9	–	44·8	2·1	8·7	83	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0	5	6	16	3	5	2	2	3	0	5	3	8
	Stonyhurst ..	9	381	1015·1	+2·4	42·4	1·9	7·7	83	7·5	1	4	4	9	12	0	0	0	1	6	4	5	6	8	0	0	2	7	19	2	4	5	0	1	2	3	8	5
		21	381	1015·2	–	42·2	1·8	7·8	85	6·9	4	5	1	6	14	–	–	–	–	–	–	–	–	–	–	0	0	10	15	5	2	3	0	1	0	3	9	7
Cheshire	Bidston Obs'y. ..	9	202	1015·4	+3·0	45·3	2·4	8·3	80	7·7	1	1	5	14	9	0	1	1	1	2	13	4	7	1	0	0	6	9	12	3	7	0	1	3	3	2	4	7
		1	261	1015·1	–	41·4	1·3	8·2	88	6·4	5	4	1	12	8	0	0	2	1	6	6	9	6	0	0	0	1	9	19	1	1	0	1	3	9	4	1	10
	Manchester H	7	261	1014·9	–	40·9	1·3	8·0	89	7·6	1	4	2	13	10	0	1	0	3	3	3	16	3	1	0	0	0	9	18	3	2	1	1	3	6	3	4	7
	(Ringway)	13	261	1014·9	–	45·6	2·5	8·6	81	7·6	0	4	4	14	8	0	0	1	1	5	4	15	3	1	0	0	1	16	10	3	2	3	0	1	6	2	4	9
		18	261	1015·0	–	42·6	1·6	8·3	86	5·9	4	6	4	9	7	0	0	1	1	3	8	5	11	2	0	0	0	2	8	19	1	4	0	1	2	7	3	6	6
7b NORTH WALES																																			
		1	19	1015·2	–	44·2	1·8	8·6	84	7·7	1	4	3	9	13	0	1	0	2	9	2	9	4	3	0	0	0	3	4	18	5	9	0	1	2	5	0	2	6
Flint	Sealand .. H	7	19	1015·1	–	44·1	1·9	8·5	84	8·1	1	1	6	9	13	0	0	2	1	3	6	6	8	4	0	0	0	1	6	19	4	8	0	0	0	2	4	3	8
		13	19	1015·2	–	48·0	3·1	8·9	76	7·7	0	5	4	11	10	0	0	0	1	0	1	13	3	11	1	0	0	4	9	13	4	10	0	0	0	2	4	1	2	7
		18	19	1015·3	–	45·1	2·1	8·7	83	7·7	0	4	4	10	12	0	0	1	4	5	4	6	2	7	0	0	3	5	19	3	8	0	0	2	5	2	1	9

†Visibility at Hesketh Park (at 9h. and 15h.); wind at Marshside. * Mean of hourly readings.

TABLE IV (*continued*)—Summary of Observations at fixed hours NOVEMBER, 1943

DISTRICT, COUNTY AND PLACE			Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE: At Mean Sea Level	MEAN PRESSURE: Difference from Average	TEMPERATURE AND HUMIDITY: Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	CLOUD AMOUNT: Mean Amount	CLOUD AMOUNT: No. of Observations 0	1 to 3	4 to 6	7 to 9	10	VISIBILITY: Number of Observations — Fog 0	Fog 1	Fog 2	Fog 3	Mist 4	Poor Vis. 5	Mod. Vis. 6	Good Visibility 7	Good Visibility 8	Good Visibility 9	WIND, NUMBER OF OBSERVATIONS — FORCE (0-12): 8 or more	6 to 7	4 to 5	1 to 3	Calm	DIRECTION: N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
			G.M.T.	ft	mb	mb	°F	°F	mb	%																														
7b NORTH WALES—*cont.*																																								
Anglesey	Holyhead (Valley)	H	1	34	1015·8	–	46·8	1·8	9·6	86	7·7	0	4	5	7	14	0	0	0	0	0	3	6	6	15	0	3	6	9	8	4	7	1	1	0	6	1	3	7
			7	34	1015·7	+4·1	46·4	1·9	9·4	85	7·7	0	4	4	12	10	0	0	0	0	2	1	3	4	19	1	3	5	8	11	3	5	0	3	0	4	3	3	9
			13	34	1016·0	–	49·7	2·8	9·8	79	8·0	0	1	4	20	5	0	0	0	0	2	3	1	1	19	4	1	10	6	11	2	5	3	0	0	2	3	4	11
			18	34	1016·0	–	46·9	2·1	9·4	83	7·9	0	2	7	12	9	0	0	0	1	2	1	2	3	21	0	0	9	7	10	4	5	2	2	0	3	1	3	10
Carnarvon	Llandudno	..	9	33	1016·1	–	47·7	2·9	8·9	79	8·1	0	2	2	23	3	0	0	0	0	2	0	4	7	16	1	0	0	11	19	0	2	1	2	1	4	9	7	4
8a SOUTH WALES.																																								
Cardigan	Aberporth	.. ..	7	379	1016·6	–	45·8	2·1	8·9	83	7·9	0	3	5	13	9	0	0	0	0	0	1	4	6	18	1	0	7	8	14	1	7	2	3	0	5	3	4	5
			13	379	1017·0	–	47·8	2·7	9·2	79	8·5	0	2	0	18	10	0	0	0	0	0	1	2	6	10	11	0	4	12	13	1	8	3	0	1	2	4	3	8
			18	379	1017·0	–	46·3	2·4	8·9	81	8·4	0	2	2	14	12	0	0	1	0	2	2	2	7	14	2	0	2	13	12	3	5	4	0	0	5	2	3	8
Pembroke	St. Ann's Head	.. ..	1	152	1017·3	–	48·1	1·6	10·1	88	7·3	0	4	7	8	11	0	0	0	0	0	0	3	11	16	0	1	5	11	13	0	3	8	1	3	0	1	4	10
			7	152	1016·8	+4·4	48·2	1·5	10·2	89	7·9	0	2	5	15	8	0	0	0	0	0	0	4	13	13	0	2	5	13	10	0	7	5	2	0	3	0	4	9
			13	152	1017·5	–	49·5	2·2	10·2	84	8·1	0	0	5	20	5	0	0	0	0	0	0	3	10	17	0	0	6	11	13	0	6	6	0	0	2	3	3	10
			18	152	1017·5	–	48·4	1·8	10·0	86	7·6	0	0	9	12	9	0	0	0	0	0	0	4	14	12	0	2	4	10	14	0	6	7	1	0	2	1	3	10
Radnor	Rhayader	.. ..	9	—	–	–	43·0	1·3	8·4	89	8·2	1	2	2	9	16	0	0	1	1	0	0	9	7	12	0	0	0	5	25	0	2	0	3	3	2	2	4	14
Glamorgan	Cardiff	.. ..	9	203	1017·2	+3·1	45·2	1·9	8·7	85	7·3	2	3	5	7	13	0	0	0	1	0	6	15	4	4	0	0	0	(3)	26	(1)	4	3	4	0	2	11	4	1
	St. Athan	..	1	147	1017·1	–	44·3	1·4	9·1	88	6·4	3	6	5	3	13	0	0	0	1	5	3	14	7	0	0	0	2	5	22	1	5	1	1	2	3	1	5	11
			7	147	1017·0	–	43·7	1·1	9·1	90	7·2	0	4	9	6	11	0	0	0	2	5	4	7	11	1	0	0	1	6	21	2	7	1	2	2	3	0	6	7
			13	147	1017·1	–	48·8	3·0	9·3	77	7·7	0	1	9	12	8	0	0	0	1	1	2	8	4	14	0	0	0	12	17	1	8	1	3	2	1	1	7	6
			18	147	1017·3	–	45·4	1·6	9·2	86	6·8	0	8	7	4	11	0	0	0	1	3	2	9	11	4	0	0	1	8	19	2	5	1	2	1	2	2	5	10
8b ENGLAND, S.W.																																								
Somerset	Bath	.. ..	9	113	1016·7	+2·9	43·4	1·6	8·4	87	7·8	1	4	3	7	15	0	2	3	6	2	0	5	4	8	0	0	0	0	22	8	4	3	2	2	1	4	3	3
	Bristol (Airport)	H	1	236	1016·8	–	42·8	1·4	8·6	88	6·7	4	4	2	10	10	0	0	2	3	1	3	11	8	2	0	0	1	7	19	3	5	0	1	3	5	4	8	1
			7	236	1016·7	–	42·9	1·8	8·6	90	7·2	0	5	5	9	11	0	0	1	4	4	3	10	8	0	0	0	2	5	17	6	3	1	1	1	5	4	5	4
			13	236	1016·6	–	48·3	3·2	9·1	77	8·0	0	2	5	14	9	0	0	1	0	3	4	7	12	2	0	0	1	12	16	1	4	0	1	2	3	4	8	7
			18	236	1016·9	–	44·2	1·8	8·6	84	5·7	3	8	5	5	9	0	0	2	2	4	0	15	5	2	0	0	0	8	16	6	2	0	2	0	6	2	5	7
Dorset	Holton Heath	H	9	58	1017·0	–	44·3	1·5	9·1	88	7·2	2	4	5	7	12	0	2	0	2	0	4	4	8	10	0	0	0	11	12	7	9	1	0	0	3	0	6	4
			15	58	1016·2	–	48·5	3·1	9·2	77	7·2	0	5	6	11	8	0	0	0	1	1	5	4	8	11	0	0	2	9	16	3	10	2	0	1	1	4	4	5
	Portland Bill	..	1	37	1016·7	–	47·2	1·2	10·1	91	8·0	2	2	3	6	17	0	0	0	0	0	0	1	20	9	0	0	1	19	10	0	7	2	0	1	4	6	3	7
			7	37	1016·4	+3·3	47·9	1·4	10·2	90	8·1	0	0	6	9	15	0	0	0	0	0	0	2	16	12	0	0	1	19	10	0	5	3	0	1	2	7	4	8
			13	37	1016·4	–	50·1	1·4	11·1	90	8·8	0	0	4	11	15	0	0	0	0	0	0	1	9	20	0	0	1	22	7	0	8	4	0	0	2	4	8	4
			18	37	1017·0	–	48·7	1·1	10·8	93	8·4	0	0	2	14	14	0	0	0	0	0	0	1	14	15	0	0	0	23	7	0	6	4	1	0	1	6	5	7
Devon	Hartland Pt.	..	1	305	1016·8	–	47·5	1·6	9·9	89	6·8	1	4	9	7	9	0	0	0	0	0	0	3	9	18	0	1	2	11	16	0	7	6	4	0	3	1	3	6
			7	305	1016·5	–	47·9	1·7	9·9	87	7·0	0	5	8	8	9	0	0	0	0	0	1	4	7	18	0	0	1	13	16	0	6	7	1	2	3	0	3	8
			13	305	1016·9	–	49·5	2·1	10·3	85	8·3	0	0	6	17	7	0	0	0	0	0	0	4	7	17	0	0	1	13	16	0	4	8	0	1	1	2	4	10
			18	305	1017·2	–	48·8	2·1	10·6	85	7·5	0	2	9	14	5	0	1	0	0	0	0	2	6	21	0	0	3	11	16	0	4	7	0	2	0	2	4	11
	Plymouth (Mount Batten)	H ..	1	27	1017·8	–	45·6	1·4	9·5	88	6·5	3	5	6	5	11	0	0	0	0	2	5	13	4	6	0	0	2	8	16	4	5	3	2	4	1	1	6	4
			7	27	1018·1	+4·4	45·2	1·2	9·6	90	7·1	3	2	3	12	10	0	1	0	0	4	4	10	7	4	0	0	1	11	17	1	6	3	1	5	0	4	5	5
			13	27	1017·6	–	50·5	2·9	10·2	80	8·2	0	1	5	12	12	0	0	0	0	2	2	8	4	14	0	0	3	12	14	1	5	2	1	1	2	6	4	8
			18	27	1018·1	–	47·6	2·1	9·6	84	7·1	0	5	6	10	9	0	0	0	0	5	7	10	5	3	0	0	1	9	19	1	6	3	1	1	1	3	6	8
Cornwall	The Lizard	..	1	240	1018·1	–	46·9	1·5	9·7	88	6·8	0	4	10	8	8	0	0	0	0	0	0	6	14	10	0	0	4	11	13	2	8	2	0	0	1	2	5	10
			7	240	1017·8	–	46·8	1·5	9·7	89	8·0	0	2	5	14	9	0	0	0	1	0	1	7	14	7	0	0	6	8	15	1	7	4	0	0	0	3	6	9
			13	240	1018·3	–	50·9	2·6	10·4	82	7·9	0	0	9	15	6	0	0	0	0	0	1	4	9	16	0	0	0	9	8	12	1	5	2	1	1	0	3	7	10
			18	240	–	–	47·7	2·0	9·6	85	7·8	0	1	7	14	8	0	0	0	1	0	1	4	8	16	0	0	5	8	14	3	4	1	0	1	0	3	8	10
	Newquay	..	9	185	1017·7	+4·0	48·9	2·6	9·6	81	8·7	0	1	3	6	20	0	0	0	0	0	4	5	6	12	3	0	10	5	15	0	10	3	7	2	1	2	4	1
NORTHERN IRELAND																																								
Antrim	Aldergrove	H	1	271	1015·5	–	43·0	1·1	8·8	90	8·0	2	1	2	12	13	0	0	0	0	3	2	5	6	14	0	0	0	6	19	5	4	1	2	1	3	4	6	4
			7	271	1015·2	–	43·4	1·3	8·8	89	8·1	0	1	7	11	11	0	0	0	1	1	3	4	9	11	1	0	1	6	17	6	4	0	1	0	4	3	9	3
			13	271	1015·4	–	46·2	2·1	9·1	83	7·6	1	2	7	12	8	0	0	0	1	0	4	4	5	15	1	0	0	9	18	3	3	0	1	0	7	5	7	4
			18	271	1015·8	–	43·6	1·5	8·7	87	7·3	1	4	5	9	11	0	1	0	0	1	2	8	2	16	0	0	0	8	18	4	1	2	1	0	4	4	8	6
Armagh	Armagh	.. H	9	209	1016·3	+5·1	43·9	1·3	8·7	89	7·9	0	2	8	10	10	0	0	0	0	0	2	2	6	20	0	0	0	3	27	0	3	1	0	1	4	8	11	2
			21	209	1013·0	–	42·5	1·1	8·4	91	8·2	0	3	5	8	14	0	0	0	0	0	1	4	12	13	0	0	1	3	26	0	2	0	2	0	6	4	13	3
Scilly	St. Mary's	.. ..	1	199	1018·6	–	49·2	1·9	10·3	86	7·8	0	2	7	13	8	0	0	0	0	0	2	3	9	16	0	0	10	10	9	1	9	5	1	0	2	2	3	7
			7	199	1018·3	+5·0	49·4	2·1	10·2	85	8·4	0	1	6	9	14	0	0	0	0	0	2	4	5	19	0	0	8	13	6	3	10	3	0	0	1	3	3	7
			13	199	1019·0	–	51·7	3·0	10·4	79	8·9	0	0	3	16	11	0	0	0	0	0	1	1	14	13	1	0	9	10	10	1	10	2	0	1	0	5	3	8
			18	199	1018·9	–	49·8	2·6	9·9	81	8·4	0	1	3	16	10	0	0	0	0	0	0	3	8	19	0	0	9	11	10	0	9	2	0	1	0	3	7	8
GIBRALTAR		.. .. H	1	400	1019·9	–	55·7	4·4	11·2	72	2·8	8	12	6	2	2	0	0	1	0	0	0	0	0	7	22	0	3	21	4	2	0	6	2	0	0	0	13	7
			7	400	1019·9	–	54·0	3·6	11·2	76	4·2	1	15	3	10	1	0	0	0	1	0	0	0	0	10	19	0	2	16	11	1	0	5	3	0	0	0	15	6
			13	400	1019·7	–	62·3	7·2	11·8	60	4·2	1	16	3	10	0	0	0	0	0	0	0	0	0	9	21	0	2	14	14	0	0	4	5	0	0	4	17	0
			18	400	1019·6	–	58·4	5·4	11·6	68	3·7	1	15	8	6	0	0	0	0	0	0	0	0	0	7	23	0	2	13	15	0	1	3	7	0	1	0	16	2
MALTA		.. .. H	1	234	1015·0	–	62·8	3·3	16·1	81	4·4	2	13	6	5	4	0	0	0	0	0	0	1	4	25	0	0	1	9	20	0	1	3	5	1	1	4	11	4
			7	234	1014·9	–	63·1	3·3	16·2	82	5·7	0	11	5	13	1	0	0	0	0	0	0	0	5	19	6	0	1	12	17	0	1	5	2	2	1	6	6	7
			13	234	1014·5	–	66·2	6·1	15·1	68	6·3	0	6	8	13	3	0	0	0	0	0	0	0	2	16	12	0	3	13	14	0	1	6	2	1	1	7	8	4
			18	234	1015·0	–	63·6	4·3	15·4	76	5·6	1	8	6	15	0	0	0	0	0	0	0	0	5	23	2	0	1	10	19	0	2	5	2	1	3	4	9	4

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MONTHLY WEATHER REPORT OF THE METEOROLOGICAL OFFICE

SUMMARY OF OBSERVATIONS COMPILED FROM RETURNS OF OFFICIAL STATIONS AND VOLUNTEER OBSERVERS

PUBLISHED BY HIS MAJESTY'S STATIONERY OFFICE. To be purchased directly from H.M. STATIONERY OFFICE at the following addresses: York House, Kingsway, London W.C.2; 120 George Street, Edinburgh 2; 39–41 King Street, Manchester 2; 1 St. Andrew's Crescent, Cardiff; 80 Chichester Street, Belfast; or through any bookseller.

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DECEMBER, 1943. — Dry; cold spell 11th-17th.

The month was distinguished by a deficiency of rainfall; fog developed fairly frequently, particularly at inland stations and mean temperature was below the average in England and Wales.

From the 1st–3rd a depression centred west of Iceland moved first south-east to the north-west of Scotland and then quickly south. Rain occurred, and fog, which was widespread in England on the 3rd. In the rear of this disturbance an anticyclone moved southward from Iceland and for a time a belt of high pressure lay from west to east across the British Isles. Conditions were dry over most of the country, but there was considerable fog, especially on the 5th and 6th. Rain occurred generally in Scotland, Ireland and northern England on the 7th, and widespread fog in a belt across the British Isles. On the 8th and 9th a shallow depression moved south over Ireland to the Bay of Biscay. There was further rain, heavy in south-west England and south Wales on the 8th.

By the 10th an anticyclone was situated over southern Scandinavia, with an extension over the British Isles. This pressure distribution persisted for some days and on the 13th and 14th the anticyclone moved south-west over the British Isles and ultimately slowly east. Over most of the country the weather from the 10th–16th was cold and mainly dry, with appreciable fog, particularly from the 13th–15th.

A period of milder, unsettled weather ensued, with strong winds and local gales. On the 17th and 18th a trough of low pressure moved east over the British Isles, on the 18th and 19th a deep depression moved quickly north-east from mid-Atlantic and on the morning of the 19th a small secondary depression moved quickly east over southern England. Rain occurred, and was heavy at many places on the 18th. On the 20th a depression centred north of the Shetlands moved north and became less deep, while another centre west of Iceland moved south-east. Further rain, heavy in places, was reported on the 20th and 21st.

On the 24th an anticyclone developed off the south-west coasts of the British Isles and thereafter until the 29th pressure was high over our southern districts. Meanwhile depressions in the north affected conditions in the west and north. Gales were reported at times in the northern Hebrides and the Shetlands and there was some rain, chiefly in the west and north. Fog developed in south-east and east England.

On the 30th a wedge of high pressure moved east over the British Isles, and on the 31st a trough of low pressure over the north-west districts moving south-east was associated with rain, which was very heavy locally in the north and north-west of Scotland.

Pressure and Wind.—Mean pressure substantially exceeded the average: the excess at 7h. ranged from 9·2 mb. at Lympne to 12·2 mb. at Tynemouth. Chart I shows an area of highest pressure over the central regions of southern England. Strong winds and local gales were recorded from the 17th–22nd and gales occurred locally in the extreme north between the 25th and 30th. On the whole, however, the month was less windy and there were fewer gales than is usual in December. Among the highest speeds recorded in gusts were 78 m.p.h. at Bell Rock Lighthouse on the 14th, 76 m.p.h. at Tiree on the 18th, 79 m.p.h. at Stornoway on the 19th, and 78 m.p.h. at Lerwick on the 25th.

Temperature.—Broadly speaking, mean temperature was not very different from the average in Scotland, Northern Ireland and north-east England, but over England and Wales as a whole it was 1·2°F. below the average. (See Table I.) It was mainly cold from about the 5th–17th, particularly from the 11th–17th. Screen minimum temperatures of 20°F. or below were recorded at a number of stations in Britain from the 12th–15th: stretches of the Forth-Clyde canal were frozen over during this cold spell. The highest day temperatures were most widespread during the Christmas period, although the 1st and 18th were also warm days in some parts of England.

The extremes for the month were:—(England and Wales) 56°F. at Dawlish, Newton Abbot, Seaton and Totnes on the 1st, and at Aberystwyth on the 2nd and 5th, 17°F. at Santon Downham and Warburton on the 14th; (Scotland) 57°F. at Achnashellach on the 26th, 12°F. at West Linton on the 13th; (Northern Ireland) 54°F. at Castlerock on the 26th, 26°F. at Garvagh on the 13th.

Precipitation.—The general precipitation expressed as a percentage of the average for the period 1881–1915 was 54 over England and Wales, 55 over Scotland and 69 over Northern Ireland. Except at Loch More in Sutherland, where the total was slightly more than the average, the deficiency was general. More than 75 per cent. occurred in small areas in a belt extending from Lough Foyle in Northern Ireland to Sutherland and in a narrow strip in southern England extending from Teignmouth to Falconhurst (Kent) and at Dungeness. Less than 30 per cent. was received over part of north Aberdeenshire, Morey and Mairn. The heavier rainfall in Sutherland was largely due to the heavy falls on the 31st.

Among the heavier falls in 24 hours were:—

18th	1·75 in. at Glenshiel and 1·60 in. at Storrington (Sussex).
23rd	1·50 in. at Borrowdale.
28th	1·75 in. at Glenquoich (Inverness-shire).
31st	3·50 in. at Loch More (Sutherland), 3·00 in. at Polnish, Lochailort (Inverness-shire) and 2·91 in. at Glenshiel (Ross and Cromarty).

Snow was reported at times: slight snow fell over a fairly large area in south-east and east England and the southern Midlands on the 11th. In Scotland, snow was rather widespread on the 18th and 19th, the falls being heaviest on Deeside, where about 6 in. was reported. Snow also fell widely in the north of Scotland on the 30th and 31st.

Thunderstorms occurred locally on the 11th, from 17th–22nd and on the 31st.

Sunshine.—Sunshine was deficient in Northern Ireland and over much of Scotland, though at scattered stations in the west and north of Scotland there was an excess. Over England and Wales as a whole sunshine was excessive, but the distribution was variable, particularly in the Midlands and south-east England.

Fog.—There was a considerable amount of fog at times during the first 17 or 18 days. Fog also developed locally from the 24th onwards, chiefly from the 24th-28th and on the 31st.

Miscellaneous Phenomena.—The aurora was observed from northern stations in Scotland on 9 nights. On the 21st it was seen as far south as Edinburgh. Solar halos were noted at Oxford on five days. The upper arc of contact of the 46° halo was observed at Sevenoaks on the 31st.

Meteorological Office, Air Ministry: Nelson K. Johnson, K.C.B., D.Sc., Director. 1 *February*, 1944

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TABLE I—DISTRICT VALUES— DECEMBER, 1943. [1908, revised 1928 and 1941]

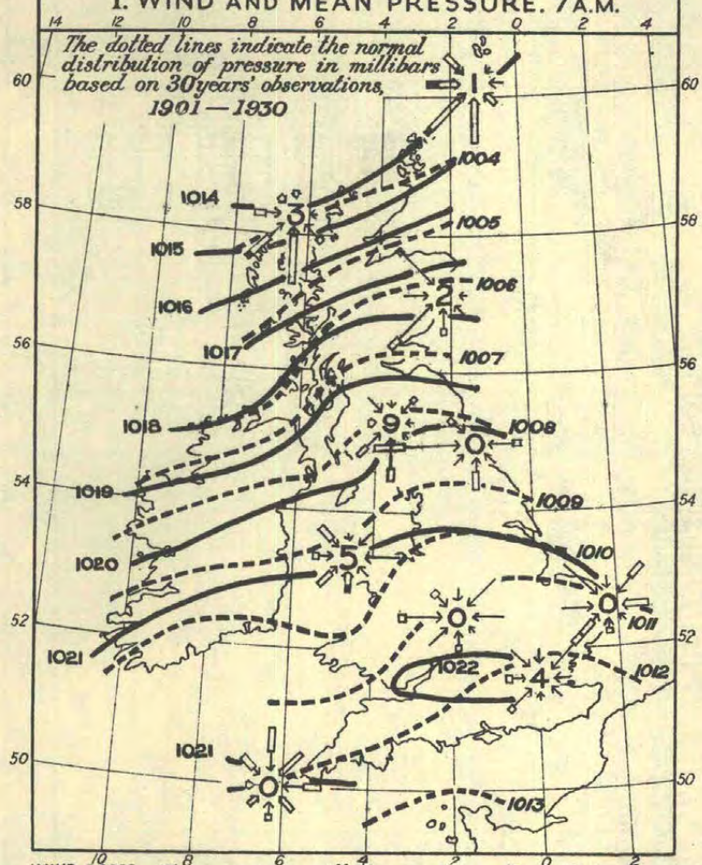
DISTRICTS	AIR TEMPERATURE			EARTH TEMPERATURE		RAINFALL		SUNSHINE	
	Highest	Lowest	Daily Mean Difference from Average	At 1 ft Difference from Average	At 4 ft Difference from Average	Percentage of Average	No. of Days Difference from Average	Percentage of Average	Percentage of Possible Duration
	°F	°F	°F	°F	°F	%		%	%
0 SCOTLAND, N.	57	13	+0·7	—	—	57	−5	132	13
Eastern									
1 SCOTLAND, E.	55	12	+0·2	—	—	34	−5	89	16
2 ENGLAND, N.E.	55	18	+0·3	−0·3	0·0	47	−7	123	20
3 ENGLAND, E.	52	17	−1·3	−0·9	−0·3	56	−8	119	22
4 MIDLAND COUNTIES ..	55	19	−1·2	−0·8	+0·4	46	−7	100	16
5 ENGLAND, S.E.	55	20	−1·8	−1·3	+0·7	62	−8	108	20
Western									
6 SCOTLAND, W.	54	17	+0·2	+0·9	+0·7	53	−3	97	13
7 ENGLAND, N.W. (and N. Wales)	55	17	−1·4	−1·0	−0·5	55	−8	112	18
8 ENGLAND, S.W. (and S. Wales)	56	21	−1·9	−1·6	+0·2	57	−7	106	20
NORTHERN IRELAND	54	26	+0·4	—	—	72	−4	64	12
MEAN 0, 1, 6 ..	—	—	+0·4	—	—	—	—	106	14
MEAN 2, 3, 4, 5, 7, 8	—	—	−1·2	—	—	—	—	111	19

TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— DECEMBER, 1943 [1914]

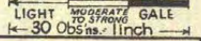
DISTRICT AND STATION	Height of Vane			Distribution of Wind ‡‡							Extreme Velocities								
	Above Mean Sea Level	Above Ground	Effective Height	More than 38 mi/hr		25 to 38 mi/hr		13 to 24 mi/hr	4 to 12 mi/hr	Less than 4 mi/hr	No Record	Highest Hourly Wind				Highest Gust			
				Dates of Occurrence	Duration	No. of days	Duration	Duration	Duration	Duration	Duration	Veer from N.	Speed		Hour ended at	Speed		Time	
	ft	ft	ft		hr		hr	hr	hr	hr	hr	°	mi/hr	m/s	day hr	mi/hr	m/s	d h m	
0 SCOTLAND, N.																			
Shetland Lerwick	310	53	39	19-20,25-29	56	18	180	305	155	48	0	220	50	22	25 11	78	35	25 13 00	
Orkney Kirkwall	170	40	35	19;26	8	17	124	309	271	32	0	250	45	20	19 13	75	33	19 12 15	
Hebrides Stornoway	120	40	36	16-19;25-27	38	21	195	215	212	84	0	210	54	25	19 04	79	35	19 11 55	
1 SCOTLAND, E.																			
Aberdeen Aberdeen	120	41	32	—	0	0	0	121	427	196	0	220	23	10	19 11	52	23	30 00 05	
Angus Bell Rock Lighthouse	130	—	126	18-20,26-27	36	15	103	278	200	127	0	240	50	22	19 03	69	31	18 22 30	
Edinburgh Edinburgh	485	39	23	—	0	9	48	249	277	170	0	210	36	16	27 06	54	24	19 01 35	
6a SCOTLAND, W.																			
Argyll Tiree	75	50	42	17-19;22	17	16	123	342	174	88	0	140 (270)	49	22	18 17 18 01	76	34	18 21 35	
Renfrew Paisley	188	81	31	—	0	4	4	164	328	224	24	(170)	26	12	21 09	59	26	19 01 30	
Renfrew (Abbotsinch)	65	46	34	—	0	2	2	126	305	309	2	(220)	25	11	27 10	59	26	19 09 45	
Dumfries Eskdalemuir ..	825	50	35	—	0	5	18	186	276	264	0	(240) 230	31	14	27 13 29 05	49	22	29 07 35	
6b ISLE OF MAN																			
Isle of Man Point of Ayre ..	70	40	35	18	2	15	123	401	148	70	0	190	45	20	18 16	64	29	18 15 50	
2 ENGLAND, N.E.																			
Durham South Shields ..	73	57	44	—	0	1	10	186	399	148	1	90	28	13	3 06	44	20	19 13 10	
Durham	389	53	33	—	0	1	11	203	288	252	0	180	25	11	18 19	47	21	18 18 50	
Yorks.,N.R. Catterick	220	45	33								No	Record							
Yorks.,E.R. Spurn Head ..	64	42	34	21	2	10	60	338	339	5	0	170	40	18	21 16	55	25	18 19 20	
Lincoln Cranwell	284	43	33	—	0	4	12	186	362	184	0	(200)	29	13	18 20	46	21	18 19 25	
3 ENGLAND, E.																			
Norfolk Gorleston	52	42	34	18	1	3	22	227	425	69	0	180	41	18	18 20	65	29	18 20 15	
Suffolk Mildenhall	98	83	58	—	0	3	9	174	452	103	6	190	29	13	18 20	49	22	21 15 45	
Bedford Cardington ..	285	150	135	18	2	5	28	176	430	108	0	190	39	17	17 22	60	27	18 18 50	
Dunstable	567	55	33	—	0	4	12	245	405	70	12	180	28	13	19 18	55	25	18 17 40	
Essex Shoeburyness ..	115	104	89	—	0	8	21	312	375	36	0	190	38	17	18 20	54	24	18 19 40	
4 MIDLAND COUNTIES																			
Leicester Leicester	385	60	33	—	0	0	0	48	323	323	50	180	23	10	21 11	44	20	18 19 10	
Warwick Birmingham ..	643	118	73	—	0	1	1	99	517	127	0	180	27	12	18 18	49	22	18 18 45	
5 ENGLAND, S.E.																			
London Kingsway	222	151	30	—	0	0	0	41	531	158	14	180	9	9	21 16	47	21	18 19 10	
Southgate	222	30	—							Record		Unreliable							
Surrey Kew Observatory ..	92	75	50	—	0	1	1	141	446	156	0	200	24	11	18 18	45	20	18 18 20	
Kent Lympne	418	76	48							Anemometer		Mast Broken							
Manston	199	46	40	19	1	2	11	246	407	79	0	340	39	17	19 08	67	30	19 07 35	
Hants Thorney Island ..	75	65	45	—	0	2	8	109	448	179	0	200	29	13	21 20	47	21	18 18 40	
Wiltshire Boscombe Down ..	462	45	33	—	0	2	11	175	432	126	0	190	32	14	21 14	53	24	18 17 00	
Larkhill	491	51	36	—	0	2	4	136	431	170	3	190	27	12	21 14	57	25	21 13 45	
7a ENGLAND, N.W.																			
Lancashire Fleetwood	112	50	31							Defective		Record							
Southport	60	42	33	—	0	6	54	210	296	194	0	290	(35)	16	22 08	49	22	22 05 15	
Cheshire Bidston Obs'y. ..	262	64	39	—	0	3	21	293	336	86	8	300	36	16	22 06	61	27	22 05 15	
Manchester (Ringway) ..	315	80	40	—	0	3	21	201	375	147	0	180	33	15	18 18) 21 12)	53	24	21 12 00	
7b NORTH WALES																			
Anglesey Holyhead	68	43	35	21;22	10	10	71	291	298	74	0	300	49	22	22 05	69	31	22 03 25	
Flint Sealand	81	65	42	—	0	2	8	98	228	410	0	310	34	15	22 07	53	23	22 05 40	
8a SOUTH WALES																			
Pembroke St. Ann's Head ..	212	70	—	18;20	13	12	93	356	251	31	0	260	46	21	18 17	70	31	21 15 40	
8b ENGLAND, S.W.																			
Devon Plymouth	185	88	65	21	3	6	31	137	421	152	0	—	50	22	21 11	67	30	21 11 30	
Cornwall The Lizard	315	75	60								No	Record							
Pendennis Castle ..	256	65	42	18;21	5	12	64	238	322	112	3	240	49	22	21 10	58	26	21 09 35	
NORTHERN IRELAND																			
Antrim Aldergrove	328	60	42	—	0	2	7	189	360	188	0	140	32	14	18 15	59	26	22 02 25	
SCILLY ISLES																			
St. Mary's	230	65	57																

MONTHLY WEATHER CHARTS DECEMBER 1943

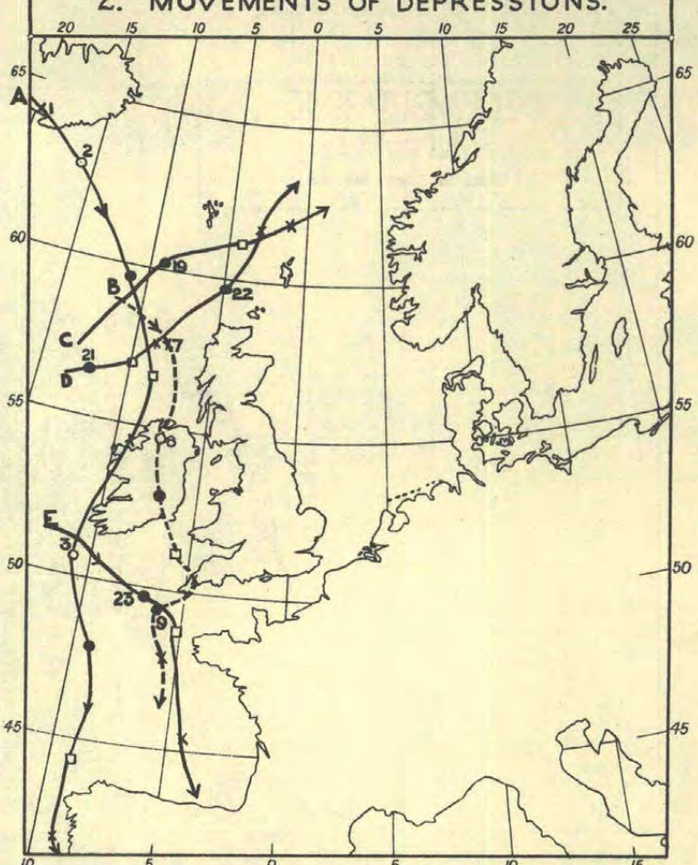
1. WIND AND MEAN PRESSURE. 7A.M.



WIND ROSES. *The arrows fly with the wind and indicate frequency and force, thus :*

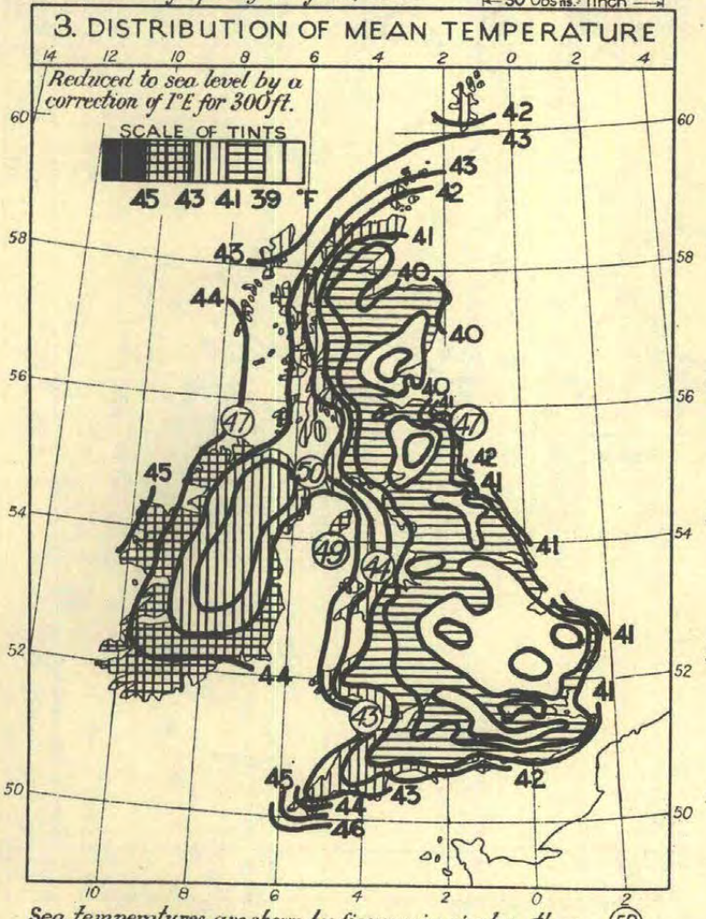


2. MOVEMENTS OF DEPRESSIONS.



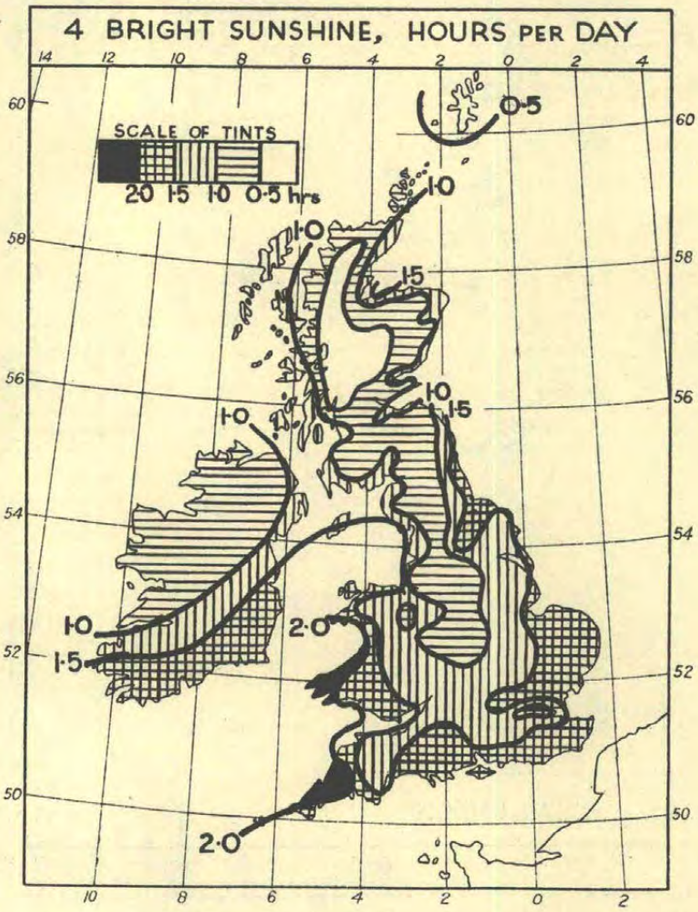
Positions of centres are shewn thus:- O at 1h; ● at 7h; □ at 13h; X at 18h.

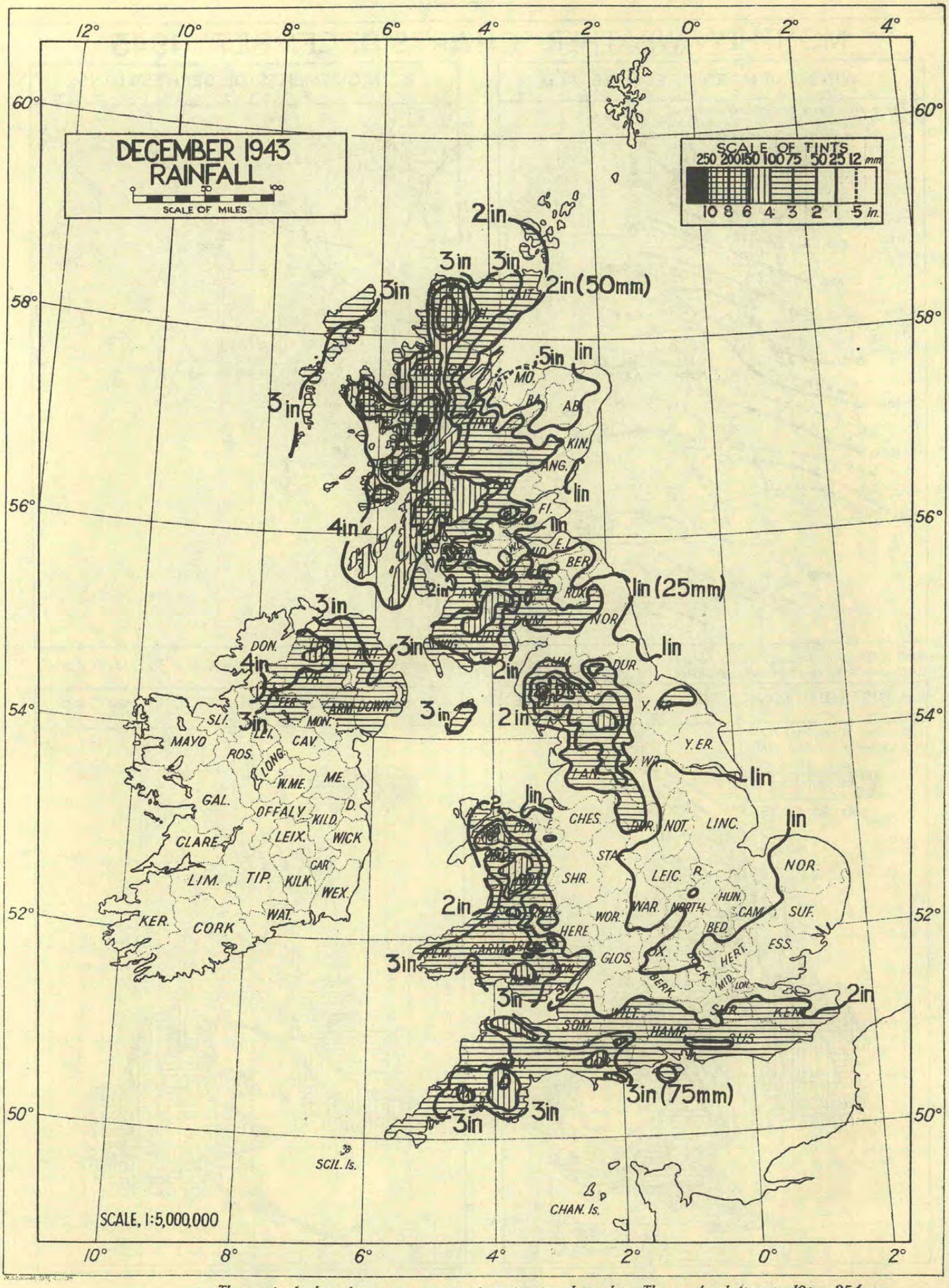
3. DISTRIBUTION OF MEAN TEMPERATURE



Sea temperatures are shewn by figures in circles, thus : (50)

4 BRIGHT SUNSHINE, HOURS PER DAY





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

TABLE III—Summary of Observations of Temperature, Rainfall, Sunshine and Weather DECEMBER, 1943

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation (Max. Min. Rain)	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES FAHRENHEIT: Means of A Max.	Means of B Min.	Mean of A and B	Difference from Average	Absolute Maximum and Minimum: Maximum	Date	Minimum	Date	Earth Temperature 1 ft	4 ft	RAINFALL: Total Fall mm	Total Fall in	Percentage of Average	Most in a day: Amount	Most in a day: Date	WEATHER Number of days: Precip'n (0·2 mm or more)	Precip'n (0·04 in (1·0 mm) or more)	Snow	Snow lying	Hail	Thunderstorm	Fog (Morn'g Obs.)	Ground Frost	Gale	BRIGHT SUNSHINE: Daily Mean	Percentage: of Average	Percentage: of Possible
		G.M.T.	ft	°F	°F	°F	°F	°F		°F		°F	°F	mm	in	%	in											hr	%	%
0 SCOTLAND, N.														**SCOTLAND**																
Shetland	Baltasound ..	9 9 9	31	45·4	37·5	41·5	+1·4	51	26	28	31	41·6	–	81	3·18	60	·41	31	27	19	4	2	2	0	0	–	5	0·28	80	5
	Lerwick Obsy. ¶§	9 9 9	269	44·7	37·2	40·9	+1·0	50	26	28	31	–	–	82	3·22	67	·45	31	23	15	5	1	2	1	–	6	7	0·25	63	4
	Sumburgh (Links)	18-7 7	19	46·1	41·6	43·9	–	51	26	30	30	–	–	67	2·65	–	·39	31	20	14	4	1	6	0	0	4	10	–	–	–
Orkney	Kirkwall .. ¶§	9 9 9	113	44·7	37·5	41·1	+0·8	52	26	32	13,14,30	40·7	–	82	3·22	74	·68	31	22	14	8	0	0	0	0	7	2	0·85	118	14
Hebrides	Benbecula ..	18-7 7	27	46·5	40·3	43·4	–	53	26	35	9	–	–	84	3·32	–	·93	18	20	13	0	0	2	0	0	5	4	–	–	–
	Castlebay ..	9 9 9	—	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Stornoway ¶§	18-7 7	12	46·4	38·2	42·3	+0·6	54	25	31	9	–	–	72	2·83	48	·89	18	17	13	1	0	6	0	0	11	8	1·30	181	20
Skye	Duntuilm ..	9 9 9	294	45·7	39·3	42·5	–	51	24,25,26	33	23	–	–	87	3·43	–	·43	28	20	16	0	0	2	0	0	7	4	1·06	–	16
Caithness	Wick	18-7 7	114	44·3	37·1	40·7	-0·2	54	26	26	13	–	–	52	2·03	66	·30	31	20	10	3	0	4	0	0	11	2	–	–	–
Sutherland	Cape Wrath ..	18-7 7	367	44·8	40·2	42·5	–	50	25,26	31	30	–	–	92	3·62	–	·83	19	21	17	0	0	4	0	1	1	3	–	–	–
Ross & Cromarty	Achnashellach ..	9 9 9	225	44·8	33·4	39·1	+0·4	57	26	21	12	–	–	173	6·81	72	2·36	31	20	18	6	0	2	1	2	–	0	–	–	–
	Fortrose	9 9 9	69	45·0	34·7	39·9	+0·4	55	25	27	12,17	–	–	21	·84	–	·19	18	14	6	1	1	0	0	1	–	1	1·35	117	21
	*Invergordon ..	18-7 7	26	43·3	31·9	37·6	–	54	26	13	12	–	–	23	·93	–	·38	19	14	6	4	0	0	0	0	18	5	–	–	–
Inverness	Dalwhinnie ..	18-7 7	1176	39·9	32·8	36·3	–	50	25	25	12	–	–	71	2·80	–	·61	19	19	14	8	5	0	0	0	19	1	0·58	–	9S
	Ft. Augustus ¶§	9 9 9	68	44·1	34·8	39·5	+0·8	51	25,26	26	12	–	–	88	3·46	60	·59	31	21	15	0	0	0	0	1	–	1	0·84	205	13S
	Ft. William ..	9 9 9	34	45·6	36·3	40·9	+1·3	51	25,26,31	26	12	40·0	44·7	151	5·96	58	·92	28	19	17	0	0	1	0	1	8	0	0·22	92	3S
	Inverness ¶§	9 9 9	242	43·7	35·4	39·5	+0·2	53	25	28	10,11	–	–	25	·96	36	·16	18	11	9	2	1	0	0	0	11	0	1·03	94	16
	Onich	9 9 9	48	46·3	36·2	41·3	–	51	24,31	28	13	–	–	158	6·21	67	·82	31	23	18	1	0	1	0	0	22	0	0·40	54	6S
1 SCOTLAND, E.																														
Nairn	Nairn .. ¶§	9 9 9	20	44·8	34·4	39·6	+0·3	54	25	23	17	–	–	11	·41	18	·11	18	11	5	3	0	0	0	0	16	0	1·62	137	25
Moray	Forres	9 9 9	155	45·1	34·6	39·9	–	55	26	23	17	–	–	12	·47	–	·12	30	8	7	1	0	0	0	0	22	0	1·95	–	30
	Gordon Castle ..	2121 9	104	44·2	33·6	38·9	-0·2	55	26	24	12	–	–	15	·57	21	·14	6	14	5	0	0	1	0	–	–	0	–	–	–
	Lossiemouth ..	18-7 7	21	44·3	33·6	38·9	–	54	26	20	14	–	–	10	·39	–	·08	1	8	5	4	0	1	0	0	–	0	–	–	–
Banff	Banff	9 9 9	130	44·2	36·3	40·3	+1·0	54	26	28	14	–	–	23	·89	34	·21	31	13	10	0	0	2	0	0	16	0	1·30	137	20
Aberdeen	Aberdeen ¶§	242424	79	44·9	36·6	40·7	+1·0	55	26	25	14	39·1	43·1	25	·99	31	·22	18	16	9	2	2	0	0	5	12	0	0·89	74	13
		18-7 -	—	43·9	36·7	40·3	+0·2																							
	Balmoral	9 9 9	927	41·4	30·8	36·1	+0·6	51	26	19	15	–	–	28	1·09	32	·34	18	15	5	1	2	0	0	–	23	0	–	–	–
	Braemar	2121 9	1111	40·6	31·9	36·3	+0·9	49	25,26	18	15	–	–	37	1·45	41	·33	21	14	9	3	6	0	0	0	17	0	0·52	–	8S
	Craibstone ..	9 9 9	300	43·0	34·5	38·7	+0·2	54	26	25	14	38·1	41·9	27	1·06	32	·28	18	15	10	2	1	0	0	–	21	–	1·55	112	23
	Dyce	18-7 7	241	43·2	34·3	38·7	–	54	26	19	14	–	–	27	1·06	–	·24	18	13	8	2	2	0	0	0	18	0	–	–	–
	Tarland	9 9 9	540	41·5	30·7	36·1	–	52	26	20	13,15,16	–	–	22	·87	–	·33	18	12	7	3	3	0	0	–	–	1	–	–	–
Kincardine	Stonehaven ..	9 9 9	12	45·2	33·1	39·1	–	54	26	22	14	–	–	31	1·23	–	·30	18	16	8	0	0	0	0	0	–	0	1·16	–	17
Angus	Arbroath	9 9 9	93	43·9	33·5	38·7	-0·7	53	26	23	13	–	–	25	·98	39	·30	1	8	6	2	0	0	0	0	20	0	0·86	66	13
	Buddon Ness ..	9 9 9	15	43·7	33·7	38·7	–	52	25	20	13	–	–	26	1·04	–	·27	1	14	7	1	0	0	0	1	–	0	–	–	–
	Dundee .. ¶§	9 9 9	147	43·6	32·7	38·1	-0·8	55	28	24	13	36·1	–	26	1·01	40	·26	18	13	8	1	0	0	0	–	22	0	1·06	75	15
	Kettins	9 9 9	218	42·0	31·4	36·7	-0·8	53	31	20	14	36·4	–	39	1·55	47	·48	18	13	10	3	0	0	0	0	21	2	–	–	–
	Montrose	9 9 9	16	43·9	34·3	39·1	-0·4	54	26	22	14	–	–	22	·88	–	·24	1	11	6	3	0	0	0	1	–	0	1·05	73	15
	,, (Airfield)	18-7 7	22	43·0	35·3	39·1	–	54	26	25	14	–	–	24	·93	–	·21	1	9	7	0	0	0	0	0	15	0	–	–	–
Perth	Errol	18-7 7	31	42·0	32·3	37·1	–	54	26	20	13	–	–	29	1·14	–	·29	18	11	9	2	0	1	0	5	19	0	–	–	–
	Longforgan ..	9 9 9	166	42·4	33·0	37·7	–	54	26	22	15,16	–	38·9	33	1·30	–	·30	18	15	9	4	3	0	0	2	24	1	1·06	–	15
	Perth	9 9 9	76	42·5	32·5	37·5	-0·7	53	25,26,31	20	13	–	–	45	1·78	55	·58	18	13	9	3	0	0	0	–	–	0	0·54	50	8
Fife	Cupar	9 9 9	210	43·0	33·7	38·3	-0·6	53	26	23	13	–	–	38	1·48	–	·34	1	13	10	2	0	0	0	–	–	0	–	–	–
	Dunfermline ..	9 9 9	237	43·2	33·8	38·5	–	50	25,26	24	12	40·3	44·2	22	·87	–	·30	19	12	9	2	0	1	0	12	12	0	0·77	–	11
	Kirkcaldy ..	9 9 9	137	42·5	32·7	37·6	-2·7	50	25,27	23	12,15	–	–	39	1·55	–	·62	19	14	6	0	0	0	0	–	–	0	0·40	–	6
	Leuchars ..	18-7 7	36	43·2	35·0	39·1	-0·4	53	26	25	13,15	–	–	25	1·00	40	·25	20	13	7	1	0	0	0	3	17	0	1·06	74	15
	Lundin Links ..	9 9 9	40	44·8	34·6	39·7	–	54	26	24	15	–	–	28	1·03	–	·31	1	11	9	1	0	0	0	1	–	0	0·90	–	13
	St. Andrews ..	9 9 9	13	44·0	33·5	38·7	-0·6	54	30	25	11,13,15	45·8	44·8	35	1·39	53	·26	1	13	11	1	0	0	0	2	16	0	0·87	68	13
Mid Lothian	Balerno	9 9 9	750	42·4	33·8	38·1	–	49	25,26	27	11,13,14	–	–	43	1·68	–	·46	19	12	10	0	0	0	0	0	15	1	1·10	–	16
	Edinburgh—																													
	Blackford H. ¶§	2121 9	441	43·3	36·2	39·7	-0·2	51	25,26	27	15	–	–	22	·85	36	·36	19	13	7	2	0	1	0	2	10	2	1·16	85	17
	Botanic Garden	9 9 9	74	44·0	34·0	39·0	–	52	25,26	21	13	–	–	24	·95	–	·57	19	15	4	1	0	1	1	8	22	–	0·55	–	8
	Univ. King's B.	9 9 9	225	42·4	35·1	38·7	–	52	25,26	25	11,12,14	38·2	43·3	24	·95	–	·40	19	11	7	–	–	–	–	–	–	–	–	–	–
	Boghall	9 9 9	639	42·8	34·6	38·7	+0·2	51	26	24	13	37·7	41·8	28	1·09	–	·32	19	15	7	2	0	0	0	1	14	–	1·05	83	15
	Liberton ..	9 9 9	190	43·5	34·1	38·8	–	52	25,26	21	14	–	–	22	·88	–	·37	19	12	7	0	0	0	0	–	–	–	–	–	–
E. Lothian	Dunbar	9 9 9	75	44·3	33·4	38·9	–	53	26	20	11	–	–	24	·95	–	·27	19	12	8	1	0	0	0	0	–	0	1·20	–	17
	N. Berwick ..	9 9 9	118	44·1	34·9	39·5	-0·4	52	26	25	13,14	–	–	23	·90	44	·20	1,19	12	8	0	0	0	0	1	16	0	0·51	59	7
Berwick	Marchmont ¶§	9 9 9	498	43·9	33·1	38·5	+0·6	51	8,26,28	22	13	–	–	33	1.30	46	·30	20	13	9	–	–	–	–	–	–	–	0·84	76	12S
	St. Abb's Head	18-7 7	280	43·8	38·1	40·9	–	53	26	29	14	–	–	24	·96	–	·25	7	12	9	1	0	0	0	1	–	0	–	–	–
Peebles	Peebles	9 9 9	—	42·7	31·6	37·1	–	52	26	14	13	–	–	47	1·83	–	·63	19	12	8	2	0	0	0	0	16	0	0·54	–	8
	West Linton ..	9 9 9	820	41·4	30·7	36·1	-0·6	49	26	12	13	34·3	41·9	54	2·11	–	·59	19	14	10	3	0	0	0	13	25	0	–	–	–
Roxburgh	Kelso (Br'ml'ds)	9 9 9	193	41·9	32·2	37·1	-1·3	51	25,26	19	13,14	–	–	21	·81	35	·24	7	11	7	0	0	0	0	3	–	–	–	–	–
	Wolfelee	9 9 9	537	41·5	30·3	35·9	-1·4	52	26	16	13	–	–	37	1·46	35	·29	18	13	8	2	0	0	0	2	–	0	–	–	–

¶§. S *See* Notes on Tables in Annual Summary.

* Station transferred to Alness, March 24th, 1943.

TABLE III (*continued*)—Summary of Observations of Temperature, Rainfall, Sunshine and Weather DECEMBER, 1943

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation: Max. Min. Rain	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES FAHRENHEIT: Means of A	Means of B	Mean of A and B	Difference from Average	Absolute Maximum	Date	Absolute Minimum	Date	Earth Temperature 1 ft	Earth Temperature 4 ft	RAINFALL: Total Fall mm	Total Fall in	Percentage of Average	Most in a day: Amount	Most in a day: Date	WEATHER Number of days: Precip'n .01in (0·2 mm) or more	Precip'n .04in (1·0 mm) or more	Snow	Snow lying	Hail	Thunderstorm	Fog (Mores'g Obs.)	Ground Frost	Gale	BRIGHT SUNSHINE: Daily Mean	Percentage: of Average	Percentage: of Possible
		G.M.T.	ft	°F	°F	°F	°F	°F		°F		°F	°F	mm	in	%	in											hr	%	%
6a SCOTLAND, W.																														
Argyll	Ardtornish ..	2121 9	48																											
	Colonsay ..	9 9 9	87	46·8	38·7	42·7	–	51	1	32	4	–	–	102	4·00	–	·77	18	21	20	0	0	3	0	–	–	2	–	–	–
	Dunoon (Benmore)	9 9 9	46	45·6	36·3	40·9	–	53	25,26	22	12	42·9	40·8	153	6·01	–	1·50	18	18	16	1	1	2	1	0	11	0	0·48	–	7S
	Dunoon	9 9 9	132	45·7	37·1	41·4	–	54	25	26	12	–	–	92	3·61	–	·68	1	14	13	1	0	0	1	7	12	–	0·71	–	10
	Glenbranter ..	9 9 9	120	44·9	36·2	40·5	+1·0	52	26	24	12	–	–	172	6·77	–	1·12	18	17	15	0	0	0	2	0	12	–	–	–	–
	Oban	9 9 9	229	45·1	37·5	41·3	–	52	31	30	12,15	–	–	114	4·50	–	·60	1	20	17	1	0	7	1	0	–	4	0·97	105	14
	Tiree .. ¶§	18–7 7	44	47·1	40·8	43·9	+0·8	52	25	33	19	–	–	98	3·87	74	·61	18	20	15	0	0	1	0	0	3	4	0·97	101	14
Bute	Rothesay ¶§	2121 9	200	45·3	38·6	41·9	+0·8	51	26	34	1,12,23	41·4	44·7	91	3·58	66	·52	20	18	16	2	0	0	0	0	9	4	–	–	–
Dumbarton	Cardross	9 9 9	130	44·2	34·2	39·2	–0·1	50	1,26,31	23	12	–	–	74	2·91	–	·49	19	17	13	0	0	0	0	0	–	–	0·26	29	4S
	Helensburgh ..	9 9 9	293	43·5	35·4	39·5	–0·4	51	1,25,26	25	12	–	–	81	3·21	50	·51	19	21	14	1	0	0	0	3	–	0	0·59	63	8
Stirling	Balfron	9 9 9	342	43·9	33·5	38·7	–	50	25,26,31	23	15	–	–	76	2·99	–	·69	20	20	12	0	0	0	0	4	–	0	–	–	–
	Stirling	9 9 9	151	43·3	35·1	39·2	–0·7	52	25,26,31	25	14	37·9	43·6	41	1·61	–	·44	19	13	8	2	0	2	0	7	19	–	0·77	92	11S
Renfrew	Greenock ..	9 9 9	199	45·3	37·9	41·6	+1·1	51	25,26,31	31	11,12,14	–	–	99	3·90	52	·67	20	17	13	1	0	1	1	11	5	1	0·40	–	6S
	Paisley	2121 9	106	44·2	37·0	40·6	+0·3	53	26	24	12	39·9	45·9	54	2·11	42	·51	20	15	11	0	0	1	0	8	13	0	0·51	61	7S
	Abbotsinch ¶§	18–7 7	19	43·3	36·5	39·9	+0·2	53	25,26	20	12	–	–	52	2·06	46	·42	19	17	9	1	0	1	1	9	21	0	0·59	67	8
Lanark	Carluke ..	9 9 9	534	42·5	34·3	38·4	–	50	26	25	11,12,15	–	–	37	1·48	–	·51	19	13	8	3	0	2	1	2	15	0	1·40	–	20
	Dungavel ..	9 9 9	798	41·6	31·6	36·6	–0·7	49	26	23	11,13	–	–	85	3·35	–	·84	19	17	12	4	0	0	0	4	19	0	–	–	–
	Glasgow, Spr.' Pk.	9 9 9	351	42·7	34·5	38·6	–	51	25,26	23	12	–	–	43	1·69	–	·33	19	20	12	1	0	0	0	–	21	–	0·33	–	5
Ayr	Auchincruive ..	9 9 9	89	45·5	34·9	40·2	–	56	28	23	12	40·9	45·6	61	2·42	–	·59	1	13	10	0	0	0	0	4	17	0	1·34	–	19
	Ayr	9 9 9	43	45·8	36·1	40·9	–	53	25,26	24	12	–	–	66	2·60	–	·67	20	15	10	0	0	0	0	0	12	0	0·89	–	13
	Colmonell ..	9 9 9	170	45·5	35·9	40·7	–0·6	53	26	22	12	–	–	85	3·36	60	·64	1,18	17	10	0	0	0	0	0	12	1	–	–	–
	Kilmarnock ..	9 9 9	130	44·4	34·3	39·3	–0·6	52	1	22	12	41·2	45·8	68	2·69	–	·57	1	14	10	0	0	3	0	4	15	2	1·45	167	21
	Prestwick ..	9 9 9	17	45·2	37·3	41·3	–	51	26	25	12	–	–	52	2·06	–	·45	1	12	10	0	0	0	0	8	10	0	1·18	–	17
	Troon	9 9 9	15	45·7	38·3	42·0	–	52	1	29	11	–	–	48	1·89	–	·41	1	12	10	2	0	1	0	3	11	4	1·29	–	18
	Turnberry ..	9 9 9	30	45·5	38·4	41·9	0·0	51	1,25,26	30	11	–	–	55	2·16	58	·50	20	14	9	0	0	0	0	0	–	1	1·25	125	18S
Dumfries	Dumfries.. ¶§	9 9 9	140	43·9	33·9	38·9	–0·6	52	26	22	13	39·9	44·5	45	1·76	41	·39	20	14	7	0	0	0	0	7	21	–	1·08	100	15
	Eskdalemuir ¶§	242424	794	40·9	32·0	36·5	–0·4	49	26	17	13	39·6	45·0	68	2·68	38	·54	21	20	15	3	0	0	0	1	19	0	1·22	118	17
		18–7 –	—	40·9	32·5	36·7	–0·4																							
	Ruthwell.. ..	2121 9	67	43·3	32·7	38·0	–1·1	52	27	20	13	–	–	38	1·49	–	·35	21	11	8	0	0	0	0	–	–	0	0·83	86	12S
Kirkcudbright	Glenlee	9 9 9	181	43·7	34·2	38·9	–	52	26	20	12	–	–	94	3·70	–	·77	1	19	15	2	0	0	0	3	12	0	–	–	–
Wigtown	Newton Stewart	9 9 9	75	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6b ISLE OF MAN																														
Isle of Man	Douglas	9 9 9	284	45·7	39·3	42·5	0·0	51	26,27	34	5	–	–	60	2·37	48	·53	1	13	8	0	0	1	0	0	3	0	1·53	111	21
	Point of Ayre ..	18–7 7	30	46·6	40·6	43·6	–	52	26	32	14	–	–	54	2·14	–	·38	21	12	9	0	0	0	0	2	–	0	1·17	–	16
2 ENGLAND, N.E.																														
Northum-berland	Berwick-on-T. ..	9 9 9	76	43·5	35·1	39·3	–1·2	52	26	24	13	–	–	28	1·11	58	·30	1	11	8	1	0	1	0	0	14	0	1·44	102	20
	Bellingham ..	9 9 9	849	41·0	31·8	36·4	–0·3	47	26	20	13	–	–	43	1·68	46	·32	1	15	11	1	1	1	0	4	–	–	–	–	–
	Cockle Park ¶§	2121 9	325	43·6	35·3	39·5	+0·7	50	26,27	26	14	38·6	41·7	27	1·05	39	·33	7	11	8	2	0	0	0	2	14	0	1·47	103	21
	Ouston	18–7 7	426	42·3	33·3	37·8	–	52	26	21	13	–	–	24	·94	–	·31	7	15	6	3	0	0	0	3	–	0	–	–	–
	Tynemouth ..	18–7 7	108	44·9	39·2	42·1	+0·7	55	26	27	14	–	–	31	1·22	56	·44	7	11	8	0	0	0	0	0	4	3	1·40	–	19
Durham	Chopwellwood ..	9 9 9	446	43·8	34·4	39·1	+0·8	54	26	23	13,14	–	–	28	1·12	41	·35	7	12	7	1	0	0	0	5	21	–	1·70	116	24
	Durham .. ¶§	2121 9	336	44·5	32·8	38·7	0·0	55	27	18	14	–	–	30	1·18	58	·37	7	13	7	0	0	0	0	5	10	–	1·75	130	24
	Houghall.. ..	9 9 9	160	44·2	32·0	38·1	–0·3	54	26,27	18	14	–	–	32	1·27	–	·37	7	11	9	0	0	0	0	5	20	0	1·51	123	21
	Ushaw College ..	9 9 9	594	43·1	34·6	38·9	+0·6	53	26	22	14	–	–	33	1·29	52	·41	7	12	7	1	0	0	0	3	–	–	–	–	–
Yorks., N. Riding	Ampleforth ..	9 9 9	313	43·7	33·6	38·7	0·0	50	25,26,27	22	15	–	–	41	1·61	–	·35	7	9	9	0	0	0	0	5	23	–	1·42	–	19
	Castleton ..	9 9 9	450	43·0	31·8	37·4	–	52	26	20	14	47·9	–	53	2·08	–	·43	18	10	8	0	0	0	0	2	–	–	–	–	–
	*Catterick.. ..	18–7 7	175	43·0	34·3	38·7	–	53	26	19	14	–	–	38	1·49	–	·48	21	10	7	1	0	0	0	8	20	0	1·55	–	21
	Linton-on-Ouse ..	18–7 7	46	43·9	33·5	38·7	–	54	27	24	15	–	–	31	1·23	–	·31	7	10	8	0	0	0	0	5	15	0	–	–	–
	Redcar	9 9 9	25	45·1	35·8	40·5	–	52	26	26	14,15	–	–	22	·86	–	·24	7	10	8	–	–	–	–	4	–	–	1·65	.. –	23
	Scarborough †¶§	9 9 9	118	45·6	37·8	41·7	+0·6	50	26,28	27	14	–	43·6	29	1·16	49	·33	7	9	6	0	0	0	0	6	–	–	1·32	115	18
	Thornaby ..	18–7 7	60	44·5	34·5	39·5	–	54	27	22	14	–	–	29	1·15	–	·28	8	10	8	1	0	0	0	5	17	0	–	–	–
	Whitby	9 9 9	130	45·7	36·2	40·9	–	53	26	28	14,15	–	–	34	1·35	–	·30	7	11	9	3	–	0	0	4	25	–	1·63	141	22
	York .. ¶§	9 9 9	57	44·6	34·1	39·3	–0·6	53	26	26	15	40·1	45·2	31	1·22	54	·34	7	11	7	0	0	0	0	–	–	–	1·53	178	21S
Yorks., E. Riding	Bridlington ..	2121 9	76	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Driffield ..	18–7 7	65	44·0	35·0	39·5	–	51	26,27	23	14	–	–	32	1·26	–	·30	18	12	9	0	0	0	0	6	14	0	–	–	–
	Hull	2121 9	8	43·8	35·2	39·5	–0·6	50	26,27	25	14	38·6	45·0	29	1·14	47	·34	7	13	7	0	0	1	0	12	18	–	1·12	126	15
	Spurn Head ..	18–7 7	29	43·3	38·2	40·7	–0·2	49	27	28	15	–	–	17	·66	29	·20	7	9	7	0	0	0	0	1	–	1	1·63	112	22
Lincoln	Boston—																													
	(Freiston Road)	2121 9	16	42·8	34·6	38·7	–	50	26	25	14	–	–	24	·93	–	·31	18	13	9	2	0	1	0	8	23	–	–	–	–
	(North Sea Camp)	18–7 7	10	42·5	34·2	38·3	–	49	27	27	15	–	–	23	·89	–	·27	18	15	7	2	0	1	0	12	–	–	1·72	–	23
	Cranwell .. ¶§	18–7 7	203	42·0	34·2	38·1	–0·8	49	26	24	14	40·1	44·2	19	·73	33	·31	18	11	5	0	0	1	0	7	13	0	1·38	91	18
	Cleethorpes ..	9 9 9	23	44·7	35·1	39·9	+0·4	52	27	25	15	–	–	21	·83	–	·24	18	11	8	0	0	0	0	6	–	–	1·60)	(112)	(22)
	Skegness ..	9 9 9	15	43·8	35·1	39·5	–0·4	48	27	26	15	–	–	17	·65	30	·18	1	10	6	0	0	0	0	6	–	–	1·73	118	23

ISLE OF MAN

ENGLAND AND WALES

† At Scarborough the earth thermometer is at a depth of 3 ft. ¶§, § *See* Notes on Tables in Annual Summary. * At Scorton from March 9th.

TABLE III (*continued*)—Summary of Observations of Temperature, Rainfall, Sunshine and Weather—DECEMBER, 1943

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation Max. Min. Rain	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES FAHRENHEIT: Means of A Max.	Means of B Min.	Mean of A and B	Difference from Average	Absolute Maximum and Minimum: Maximum	Date	Minimum	Date	Earth Temperature 1 ft	4 ft	RAINFALL: Total Fall mm	in	Percentage of Average	Most in a day: Amount in	Date	WEATHER Number of days: Precip'n ·01in (0·2 mm) or more	·04in (1·0 mm) or more	Snow	Snow lying	Hail	Thunderstorm	Fog (Morn'g Obs.)	Ground Frost	Gale	BRIGHT SUNSHINE: Daily Mean	Percentage: of Average	of Possible
		G.M.T.	ft	°F	°F	°F	°F	°F		°F		°F	°F	mm	in	%	in											hr	%	%
3 ENGLAND, E.																														
Norfolk	Cromer	9 9 9	178	45·2	36·8	41·0	+0·3	49	9	33	17,31	–	–	25	·96	38	·28	2	13	6	1	0	0	0	1	6	0	1·56	108	21
	Hunstanton	9 9 9	100	43·1	34·6	38·9	-1·4	47	1,27	28	14	–	–	23	·91	–	·40	18	14	5	0	0	0	0	4	–	–	1·77	108	23
	Norwich ‡¶§	9 9 9	110	43·3	33·6	38·5	-1·4	48	18,27	26	5	37·7	–	35	1·38	54	·58	18	14	7	2	0	1	0	–	23	–	1·81	134	24
	Sprowston	9 9 9	93	43·7	34·0	38·9	-0·4	49	27	27	5,14	–	–	34	1·33	–	·54	18	12	7	2	0	2	0	–	21	–	1·84	119	24S
	Terrington	9 9 9	13	43·4	32·9	38·1	–	49	31	26	14	–	–	22	·86	–	·35	18	8	7	0	0	0	0	8	24	–	1·63	–	21
	Yarmouth ¶§	18–7 7	5	43·6	37·8	40·7	-0·2	49	27	32	3,24,25	42·0	47·2	39	1·54	63	·32	2	12	7	2	1	2	2	4	7	2	1·66	124	22
Suffolk	Bungay (Flix'n)	9 9 9	79	42·8	33·3	38·1	-1·2	48	18	27	3,6,14	–	–	31	1·24	–	·64	18	6	6	0	0	1	0	5	20	–	–	–	–
	Felixstowe Airfield	18–7 7	10	43·6	37·1	40·3	-0·4	49	27	32	31	–	–	32	1·28	61	·57	18	14	6	1	0	2	1	3	6	0	1·92	116	25
	Ipswich, Belstead	9 9 9	125	43·0	33·9	38·5	–	49	18	28	14	40·1	44·2	38	1·48	–	·74	18	12	7	2	1	1	0	4	18	0	1·43	–	18
	Lowestoft	9 9 9	82	43·9	35·1	39·5	-1·2	49	18	29	25	39·3	43·9	38	1·50	64	·73	18	9	7	3	1	2	1	3	(13)	0			
	Mildenhall	18–7 7	15	43·0	33·8	38·4	–	51	27	20	14	–	–	25	·98	–	·39	18	11	4	1	0	0	0	10	22	0	1·68	–	22
	Santon Downham	9 9 9	24	43·0	29·6	36·3	–	49	1,18,27	17	14	38·1	44·9	28	1·12	–	·57	18	9	5	0	0	0	0	5	24	–	–	–	–
	Stradishall	18–7 7	382	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cambridge	Cambridge Gdns¶§	2121 9	41	43·4	32·1	37·7	-2·2	52	27	18	14	39·0	45·0	25	1·00	52	·44	18	8	5	1	0	0	0	8	22	0	1·45	110	19
Bedford	Dunstable	18–7 7	516	40·8	33·2	37·0	–	48	19	22	14	38·9	45·6	25	1·00	–	·48	18	11	4	1	1	0	0	7	18	0	1·44	–	18
	Luton	9 9 9	381	42·3	32·9	37·6	-1·5	49	18,26	22	14	41·1	47·6	29	1·15	–	·56	18	9	3	–	–	–	–	4	20	–	1·51	112	19
	Woburn	9 9 9	291	42·3	31·9	37·1	-2·6	50	26	20	14	37·5	46·4	28	1·10	47	·52	18	10	4	1	1	0	0	6	20	–	1·61	134	21
Hertford	Rothamsted ¶§	9 9 9	420	41·6	33·2	37·4	-1·9	49	26	26	14	38·2	–	42	1·65	59	·81	18	11	5	1	1	0	0	6	14	0	1·74	122	22
	St. Albans	9 9 9	272	42·8	33·1	37·9	-0·9	49	18	25	14	39·0	–	33	1·30	52	·76	18	9	3	–	–	0	0	5	25	–	–	–	–
Essex	Dovercourt	9 9 9	47	43·6	35·6	39·6	-0·5	49	18	31	14,25	–	–	35	1·39	–	·85	18	5	5	0	–	0	0	6	–	–	1·79	–	23
	Earls Colne	9 9 9	160	43·2	33·3	38·3	-1·2	50	18,27	23	14	39·2	45·5	37	1·47	–	·68	18	9	7	1	1	0	0	–	19	–	–	–	–
	Halstead	9 9 9	140	43·5	32·5	38·0	-1·8	51	27	23	14	–	–	37	1·44	–	·70	18	9	7	1	0	0	0	–	–	–	–	–	–
	Maldon	9 9 9	14	43·9	33·9	38·9	–	51	18	27	3	–	–	33	1·32	–	·69	18	9	7	1	–	0	0	5	–	–	1·83	–	23S
	Shoeburyness ¶§	18–7 7	11	43·6	35·5	39·5	-0·9	49	19,20	27	14	–	–	25	1·00	54	·27	19	7	7	2	1	0	1	6	16	0	1·66	105	21
	Walton-on-Naze	9 9 9	35	45·0				48	2,19,29	31	31	–	–	31	1·24	–	·72	18	9	6	–	–	–	–	16	6	–	1·79	115	23
	Writtle	9 9 9	110	43·5	33·5	38·5	–	51	18	25	14	–	–	36	1·43	–	·72	18	11	6	1	0	0	0	–	22	–	–	–	–
4 MIDLAND COUNTIES																														
Yorks., W. Riding	Askham Bryan	9 9 9	90	43·8	33·0	38·4	–	50	27	26	7	–	–	30	1·17	–	·31	7	10	6	0	0	0	0	5	19	–	1·40	–	19
	Bingley	9 9 9	610	42·1	33·8	37·9	–	50	26	23	15	–	–	54	2·11	–	·50	21	19	10	1	0	0	0	6	20	–	–	–	–
	Bradford	9 9 9	439	42·8	34·1	38·5	-1·0	51	26	25	15	37·8	43·8	29	1·14	30	·22	1	11	9	0	0	–	–	8	23	–	0·52	84	7
	Doncaster	9 9 9	25	44·5	31·8	38·1	–	54	26	19	14	–	–	19	·75	–	·17	22	10	6	1	0	0	0	14	25	–	0·92	–	12
	Finningley	18–7 7	39	43·5	33·8	38·7	–	54	26	23	14	–	–	20	·79	–	·17	21	10	8	0	0	0	0	9	–	0	–	–	–
	Harrogate ¶§	9 9 9	478	42·5	34·3	38·4	-0·1	50	26	24	15	39·5	42·3	39	1·54	51	·33	21	12	9	0	0	2	0	8	20	0	1·57	128	21
	Huddersfield	2121 9	325	42·4	33·2	37·8	-2·0	50	26	20	14	37·9	43·6	34	1·33	41	·37	21	12	9	0	0	0	–	23	27	–	0·69	96	9
	„ (Oakes)	9 9 9	761	41·6	33·7	37·7	-0·6	49	26	24	14	37·4	42·5	51	2·00	55	·55	21	20	11	3	0	1	0	8	18	3	–	–	–
	Ilkley	9 9 9	315	44·0	32·3	38·1	-0·4	51	26	22	13	–	–	59	2·34	–	·61	21	14	9	0	0	0	0	11	18	–	1·52	200	20
	Meltham	9 9 9	585	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Pontefract	9 9 9	255	43·3	34·4	38·9	-0·5	52	26	24	15	–	–	21	·81	37	·23	21	12	7	–	–	–	–	12	15	–	1·10	–	15
	Rotherham	7 7 7	284	43·4	33·8	38·6	–	53	26	21	15	37·8	–	19	·76	–	·19	21	10	8	1	0	1	0	13	14	–	0·89	–	12
	Sheffield	9 9 9	428	43·8	36·1	39·9	-0·6	53	26	26	14	38·9	43·4	26	1·04	31	·31	21	10	8	1	0	0	0	–	16	0	0·97	96	13
	Wakefield	9 9 9	115	43·6	33·3	38·5	-1·4	53	26	23	11	38·4	44·1	29	1·15	47	·35	21	13	8	0	0	1	0	15	19	–	0·50	67	7S
Derby	Belper (School)	9 9 9	198	43·8	33·6	38·7	-0·8	52	26	23	14	–	–	25	·98	30	·33	21	10	7	2	0	1	0	–	–	–	–	–	–
	Buxton	9 9 9	1007	40·3	32·3	36·3	-1·0	48	25,26	19	14	37·9	41·6	76	2·98	53	1·23	21	18	11	6	2	1	0	10	14	–	0·23	34	30S
Nottingham	Mansfield	9 9 9	357	42·7	33·4	38·1	-0·5	52	26	24	14,15	–	–	20	·80	28	·23	18,21	8	6	1	0	0	0	14	–	–	–	–	–
	Nottingham ¶§	9 9 9	192	43·3	34·1	38·7	-1·2	51	26	24	14	38·6	42·8	19	·74	31	·20	18	10	7	–	–	–	–	21	19	–	0·82	93	11
	Sutton Bonington	9 9 9	157	(43·1)	32·1	(37·6)	(-1·7)	–	–	24	5	39·4	–	21	·82	37	·22	17	9	5	1	0	0	0	–	20	–	0·90	86	12
Leicester	Leicester	9 9 9	325	42·8	32·1	37·5	–	51	26	21	14	40·8	45·6	20	·77	–	·38	18	10	5	1	0	0	0	11	19	–	0·83	–	11S
Northampton	Oundle	9 9 9	147	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Peterborough	9 9 9	46	43·2	33·9	38·5	–	51	26	25	14	–	–	20	·77	–	·29	19	14	5	1	–	0	0	–	–	–	–	–	–
	Raunds	9 9 9	193	42·6	32·2	37·4	–	51	26	21	14	38·6	46·4	20	·80	–	·40	18	11	3	1	1	0	0	9	18	0	1·35	–	18S
Warwick	Birmingham ¶§	18–7 7	535	42·2	36·1	39·1	-0·4	52	26	26	14,15	41·1	46·4	35	1·36	51	·36	18	10	7	1	0	1	0	10	13	0	0·93	82	12
	„ Sparkhill	7 7 7	425	42·9	32·5	37·7	-2·2	52	26	22	14	–	–	29	1·15	40	·36	18	11	7	1	0	0	0	17	19	–	–	–	–
	Coventry	9 9 9	241	43·0	31·5	37·3	–	51	26	22	14	39·6	46·3	21	·85	33	·34	18	10	5	1	0	0	0	9	–	–	0·65	71	8
	Honiley	18–7 7	427	41·9	33·8	37·9	–	51	26	22	14	–	–	21	·83	–	·26	18	9	6	1	1	0	0	11	14	0	–	–	–
	Leamington Spa	9 9 9	163	42·9	32·4	37·7	-2·0	51	26	24	14	37·7	47·6	16	·64	–	·20	5	7	5	1	0	0	0	11	23	–	1·18	107	15
	Rugby	2121 9	390					50	26	22	14	–	–	21	·83	33	·32	18	9	6	1	–	0	0	–	26	–	–	–	–
	Shipston on Stour	9 9 9	364	42·4	33·0	37·7	–	52	26	24	14,15	–	–	24	·95	–	·32	18	10	6	1	0	0	0	7	–	–	1·47	–	19
	Stratford on Avon	9 9 9	153	43·4	31·6	37·5	–	52	26	22	5,14	–	–	19	·75	–	·23	18	9	6	1	0	0	0	7	23	–	1·12	–	14
Oxford	Oxford ¶§	9 9 9	208	43·3	33·1	38·2	-2·6	51	18	23	14	38·4	43·9	26	1·01	41	·51	18	14	4	1	0	0	0	9	17	0	1·60	105	20
	Upper Heyford	18–7 7	408	41·7	33·2	37·5	–	49	26	22	14	–	–	27	1·05	–	·37	18	9	6	2	0	0	0	9	19	0	–	–	–
Stafford	Market Drayton	9 9 9	581	(41·9)	32·4	(37·1)	–	52	26	23	14	–	–	40	1·56	–	·64	21	14	6	1	0	0	0	11	18	–	1·31	–	17
	Mayfield	9 9 9	374	42·6	31·5	37·1	-1·5	50	26	22	14	–	–	41	1·59	46	·69	21	13	8	0	0	2	0	–	20	0	0·98	92	13S
	Oaken	7 7 7	409	43·0	32·3	37·7	–	52	26	21	14	39·8	–	28	1·10	–	·25	21	10	7	1	0	0	0	11	23	–	–	–	–
	Walsall	9 9 9	455	42·9	32·7	37·8	–	52	26	22	14	–	–	29	1·14	–	·32	21	15	7	1	0	0	0	16	18	0	–	–	–
Shropshire	Newport	9 9 9	211	42·7	31·9	37·3	–	53	26	22	11	–	–	39	1·53	63	·50	21	19	8	0	0	0	0	6	21	–	1·01	–	13
	Oswestry	9 9 9	570	43·2	34·7	38·9	–	51	1,26,27	25	14	–	–	45	1·78	–	·67	21	13	9	3	0	0	0	9	24	0	1·64	–	22
	Shrewsbury	9 9 9	184	43·7	33·4	38·5	-2·6	53	26	22	11	40·5	46·1	31	1·22	–	·41	21	13	7	2	0	1	0	9	17	1	0·97	–	13
	Tern Hill	18–7 7	270	42·6	34·8	38·7	–	52	26	23	14	–	–	39	1·56	–	·51	21	14	8	2	0	1	0	12	14	0	–	–	–

¶§. § *See* Notes on Tables in Annual Summary.

‡ Norwich used as "district value" station from Nov. 1, 1943.

TABLE III (*continued*)—Summary of Observations of Temperature, Rainfall, Sunshine and Weather DECEMBER, 1943

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation Max. Min. Rain	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES FAHRENHEIT: Means of A Max.	B Min.	Mean of A and B	Difference from Average	Absolute Maximum and Minimum: Maximum	Date	Minimum	Date	Earth Temperature 1 ft	4 ft	RAINFALL: Total Fall mm	in	Percentage of Average	Most in a day: Amount in	Date	WEATHER Number of days: Precip'n .01in (0·2mm) or more	.04in (1·0mm) or more	Snow	Snow lying	Hail	Thunderstorm	Fog (Morn'g Obs.)	Ground Frost	Gale	BRIGHT SUNSHINE: Daily Mean	Percentage of Average	Percentage of Possible
		G.M.T.	ft	°F	°F	°F	°F	°F		°F		°F	°F	mm	in	%	in											hr	%	%
4 MID COUNTIES—*cont.*																														
Worcester	Droitwich ..	9 9 9	106	43·4	31·2	37·3	–	54	26	20	14	–	–	29	1·16	–	·29	18	10	7	0	0	0	0	8	–	–	1·26	–	16
	Malvern	9 9 9	380	42·4	35·2	38·8	-1·7	52	1	24	14	39·0	43·7	41	1·63	59	·40	18	11	7	2	0	0	0	0	13	–	1·51	92	19
	Prestwood ..	9 9 9	260	43·7	32·0	37·9	–	53	26	22	14	–	–	28	1·10	–	·28	21	10	8	0	0	0	0	15	24	–	–	–	–
	Worcester, P'well	9 9 9	94	44·0	32·5	38·3	-1·4	54	1	21	14	–	–	28	1·11	–	·27	21	8	7	1	1	0	0	–	20	–	1·11	–	14
Hereford	Hereford ..	9 9 9	292	43·7	33·0	38·3	-1·9	55	1,26	23	11	–	–	42	1·67	57	·54	8	11	8	–	–	–	–	4	16	–	–	–	–
	Ross-on-Wye ¶§	18-7 7	223	43·4	35·4	39·4	-1·6	54	26	23	14	41·3	45·4	41	1·63	55	·48	8	11	6	1	0	1	0	6	16	0	1·39	90	18
Gloucester	Cheltenham ..	2121 9	214	43·8	33·6	38·7	-2·2	52	1	25	11,14	39·7	45·1	28	1·11	41	·38	18	8	6	1	0	0	0	11	24	0	0·98	73	13
	Frampton Cotterell	9 9 9	158	43·9	33·7	38·8	–	51	1	26	11,14	41·9	45·3	40	1·58	–	·49	18	19	6	1	0	0	0	4	22	–	–	–	–
	Parkend	9 9 9	325	43·4	32·5	37·9	–	53	1	26	11,14	39·7	44·6	57	2·24	–	·60	18	16	8	0	0	0	0	9	23	0	1·31	–	17
	Stonehouse ..	9 9 9	150	43·6	33·1	38·3	–	54	1	24	14	–	–	38	1·48	–	·42	18	14	7	1	0	0	0	7	22	–	–	–	–
5 ENGLAND, S.E.																														
London	City, Bunhill Row	—	—																									0·69	–	9
	Camden Square ..	9 9 9	110	43·7	35·8	39·7	-1·8	50	18	30	14	40·8	46·8	35	1·36	57	·73	18	8	4	–	–	0	0	–	16	–	–	–	–
	East Ham ..	9 9 9	15	44·7	35·8	40·3	-1·0	(51)	(18)	30	5	–	–	38	1·49	69	·80	18	9	6	–	–	–	–	–	–	–	–	–	–
	Enfield	9 9 9	87	43·3	34·4	38·9	-1·4	50	18	25	14	–	45·7	34	1·35	55	·71	18	6	4	1	1	0	0	13	18	–	1·52	132	19
	Greenwich ..	2424 9	149	43·6	34·7	39·1	-2·2	51	18,19	28	14	42·7	46·5	41	1·59	70	·82	18	10	5	1	0	1	0	14	17	0	0·97	100	12
		21 9 –	—	43·2	36·2	39·7																								
	Hampstead ..	9 9 9	450	42·5	32·8	37·7	-2·0	50	18,21	27	17	–	–	35	1·36	–	·69	18	10	4	1	–	0	0	–	25	0	1·40	124	18
	Kensington ..	18-9 9	80	43·5	36·8	40·1	-1·4	48	2,26,27	29	14	41·3	46·1	35	1·38	58	·72	18	8	4	1	0	0	0	–	17	0	–	–	–
	Kingsway ..	—	—																									0·61	–	8
	Regent's Park ..	9 9 9	129	44·1	35·8	39·9	–	51	18	30	14,15	–	–	34	1·35	–	·76	18	8	4	2	–	0	0	12	14	–	0·96	120	12
	Kew ¶§	242424	18	43·9	35·4	39·7	-1·8	49	18	28	14	40·1	46·4	35	1·39	61	·67	19	9	4	1	0	0	0	6	16	0	1·05	87	13
	Observatory ..	18-7 –	—	43·4	36·7	40·1	-1·3																							
	Southgate ..	9 9 9	221	43·7	34·4	39·1	–	50	18	25	4	42·9	–	37	1·47	–	·75	18	8	4	1	0	0	0	7	18	0	1·49	–	19
	Tottenham	2121 9	54	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Wealdstone ..	9 9 9	204	43·0	33·6	38·3	–	50	18	27	14	–	–	33	1·28	50	·72	18	9	4	1	0	0	0	11	17	0	1·74	–	22
	Westminster ..	9 9 9	27	44·8	36·4	40·6	-1·7	52	18	31	14,24	–	–	34	1·33	62	·76	18	8	4	1	–	0	0	–	12	–	(0·82)	(117)	(10)
Surrey	Addington ..	9 9 9	473	42·6	33·5	38·1	-1·8	49	18	27	17	–	–	54	2·12	–	·93	18	12	6	–	–	–	–	9	–	–	–	–	–
	Croydon	18-7 7	217	43·4	36·1	39·7	-1·2	51	18	28	5,11	–	–	52	2·06	76	·79	18	12	7	1	0	0	0	14	11	0	1·12	90	14
	Farnham ..	9 9 9	260	43·6	33·6	38·6	–	50	18	25	11	–	–	45	1·76	–	·87	18	11	5	2	0	0	0	17	16	–	–	–	–
	Milford	9 9 9	180	42·9	32·5	37·7	–	51	18	20	5	–	–	49	1·94	–	·97	18	12	6	2	1	0	0	7	17	–	1·31	–	17s
	Wisley	9 9 9	150	43·5	34·1	38·8	-2·1	50	18,20	26	5,14	40·8	46·1	39	1·53	61	·79	18	11	4	1	1	0	0	11	21	1	1·15	86	15s
Kent	Bromley	9 9 9	213	44·5	34·1	39·3	–	51	18,20	27	14	–	–	42	1·65	68	·81	18	8	7	0	0	0	0	6	14	–	–	–	–
	Canterbury ..	9 9 9	135	44·2	34·5	39·3	-1·6	55	18	24	14	40·9	44·2	47	1·85	–	1·24	18	8	7	–	–	–	–	–	15	–	–	–	–
	Deal	9 9 9	18	44·8	35·5	40·1	-1·2	52	18	28	17	42·6	47·8	54	2·12	–	1·42	18	11	6	1	0	0	0	7	12	–	1·84	119	23
	Dover	5 5 5	200	44·9	35·9	40·4	-1·7	54	18	30	14,16,17	–	–	49	1·91	62	1·00	18	11	7	1	0	0	1	–	–	–	–	–	–
	Dungeness ..	18-7 7	20	44·7	36·9	40·8	-1·0	53	19	27	17	–	–	53	2·10	76	·79	18	11	9	1	–	1	0	2	–	1	–	–	–
	East Malling ..	9 9 9	132	43·6	33·5	38·5	-1·0	50	20	26	5,14	–	–	50	1·96	–	·97	18	10	9	1	1	0	0	6	17	0	1·09	80	14
	Goudhurst ..	9 9 9	290	44·5	33·7	39·1	–	55	26,27	24	14	–	–	61	2·39	–	1·54	18	13	7	1	1	0	0	7	22	–	–	–	–
	** Lympne	18-7 7	341	42·3	35·1	38·7	-1·2	51	18,19	28	14,17,31	–	–	55	2·17	67	·93	18	9	9	1	1	1	0	4	14	1	1·91	109	24
	Manston	18-7 7	154	43·2	36·5	39·9	–	51	19	29	17	–	–	37	1·47	–	·68	18	9	7	2	1	0	0	7	4	1	2·00	–	25
	Ramsgate ..	9 9 9	80	(44·4)	(37·0)	(40·7)	(-1·0)	–	–	–	–	–	–	37	1·48	–	·96	18	7	5	0	0	0	0	4	–	–			
	Tunbridge W. ..	9 9 9	351	43·4	33·2	38·3	-1·8	51	18	23	14	38·7	43·6	65	2·57	–	1·32	18	14	9	1	2	0	0	2	16	0	1·78	129	23
	Whitstable ..	9 9 9	9	44·1	35·3	39·7	–	50	20	26	3	–	–	37	1·46	–	·92	18	9	8	1	0	1	0	8	–	–	1·79	–	23
	Wye	9 9 9	164	43·7	33·7	38·7	-0·6	52	18	28	3,14	–	–	50	1·97	–	1·26	18	8	8	1	1	0	0	–	23	–	1·98	124	25
	Margate ¶§	9 9 9	51	44·7	37·5	41·1	-1·2	54	18	32	17	42·3	48·1	36	1·40	61	·92	18	9	4	1	0	0	0	2	2	0	1·86	136	24
Sussex	Beachy Head ..	18-7 7	502	42·4	36·8	39·6	-1·2	50	18,19	30	31	–	–	67	2·63	–	1·11	18	14	10	0	0	0	0	5	–	–	–	–	–
	Bexhill	9 9 9	12	44·9	36·7	40·8	-0·6	52	18	30	31	43·4	–	58	2·27	–	1·13	18	12	8	1	1	0	0	5	16	–	–	–	–
	Bodiam	9 9 9	71		33·7		–	52	18	25	14	–	–	56	2·19	–	1·35	18	6	6	0	0	0	0	8	(16)	–	1·58	–	20
	Bognor	9 9 9	24	45·4	36·3	40·9	-1·8	52	18	30	15,16	–	48·9	73	2·86	–	1·44	18	16	9	1	1	0	0	1	–	–	1·85	101	23
	Hastings ¶§	2121 9	149	44·5	36·4	40·5	-1·7	52	18	30	14,31	41·4	47·8	58	2·27	73	1·20	18	15	8	1	1	1	0	0	14	1	1·89	106	24
	Horsham	9 9 9	350	43·7	32·3	38·0	–	50	18,20	24	11	40·7	–	71	2·78	–	1·27	18	12	6	2	1	1	0	3	17	–	–	–	–
	Littlehampton ..	9 9 9	15	45·5	36·1	40·8	-0·5	53	18	29	14	–	45·5	58	2·30	–	1·28	18	12	8	1	1	0	0	0	–	–	1·69	91	21
	Patcham ..	9 9 9	200	44·6	35·0	39·8	–	52	18	28	14	42·4	–	64	2·51	–	1·52	18	14	5	1	0	0	0	–	11	2	–	–	–
	Seaford	9 9 9	45	45·0	36·5	40·7	–	52	18	31	11,14,17	–	–	60	2·35	–	1·37	18	8	7	1	0	0	0	5	–	–	–	–	–
	Thorney Is. ..	18-7 7	10	44·5	36·3	40·4	–	52	18	25	14	–	–	63	2·50	–	·94	18	13	9	1	0	0	0	0	17	0	–	–	–
	Worthing ..	9 9 9	25	45·4	36·9	41·1	-1·1	52	18	29	14	41·1	46·6	54	2·12	70	1·35	18	12	6	1	1	0	0	0	8	–	1·92	108	24
Berkshire	Reading .. †	9 9 9	152	44·3	34·7	39·5	-1·2	51	18	27	14	40·7	45·3	33	1·28	–	·77	18	7	5	1	0	0	0	–	16	–	1·59	–	20
	Shinfield ..	9 9 9	200	43·9	33·8	38·9	-1·2	51	16	25	14	–	–	36	1·40	–	·81	18	9	5	1	0	0	0	–	12	–	–	–	–
Hampshire	Bournemouth ..	9 9 9	139	45·4	36·1	40·7	-1·6	54	1	28	11,14	41·9	45·3	64	2·53	65	·81	18	12	10	1	0	1	0	2	–	–	1·66	86	21
	Bramley	9 9 9	196	43·5	32·9	38·2	–	50	18	23	14	40·4	46·8	41	1·63	–	·88	18	8	4	2	1	0	0	6	18	–	–	–	–
	Leckford ..	9 9 9	385	43·3	34·6	38·9	–	51	18	27	11,14	39·6	–	53	2·07	–	·93	18	15	5	2	0	0	0	6	–	–	1·49	–	19
	Long Sutton ..	9 9 9	479	43·4				50	1,18,26			39·4	–	47	1·83	–	·94	18	9	7	2	0	0	0	6	17	–	1·25	93	16
	Portsmouth ..	9 9 9	15	44·9	36·1	40·5	-2·5	52	18	28	14	41·8	46·5	62	2·45	79	·98	18	9	7	1	1	(0)	(0)	(2)	(6)	–	1·79	101	22
	Southampton ¶§	2121 9	64	45·2	35·5	40·3	-1·8	53	1,20	29	14	–	–	51	2·02	55	·97	18	9	5	1	0	0	1	2	11	0	1·52	97	19
	S. Farnboro' ..	18-7 7	226	43·5	35·4	39·5	-0·7	50	18,20	25	3,11	–	–	35	1·37	47	·78	18	10	5	2	1	0	0	9	16	0	1·42	98	18
I. of Wight	*Newport	9 9 9	48	46·1	36·5	41·3	–	52	18	27	14	–	–	67	2·62	–	1·00	18	14	9	2	0	0	0	–	13	–	–	–	–
	Ryde	9 9 9	13	45·8	38·0	41·9	-1·1	52	18	32	14	–	–	71	2·78	–	1·20	18	12	6	2	0	0	0	0	–	0	1·75	107	22
	St. Catherine's Pt.	18-7 7	150	45·4	39·3	42·3	–	52	18	31	11	–	–	86	3·38	–	1·50	18	15	10	2	0	0	0	0	–	0	–	–	–
	Sandown ..	9 9 9	13	46·3	38·1	42·2	-1·5	53	18	31	14,15	–	–	67	2·62	–	1·19	18	11	9	1	0	0	0	0	–	–	1·69	94	22
	Totland Bay ..	9 9 9	140	45·1	37·8	41·5	-1·8	52	2	31	11,14	–	–	67	2·63	81	1·06	18	13	8	1	0	0	0	1	9	2	1·67	93	21
	Ventnor(Hospital)	9 9 9	60	46·3	39·1	42·7	-1·4	53	18	32	11,14	–	–	71	2·80	85	1·22	18	13	9	1	0	1	0	–	–	0	1·68	92	21
Wiltshire	Amesbury ..	18-7 7	417	43·2	34·9	39·1	–	51	19	27	11,14	–	–	57	2·25	–	·89	18	9	5	2	2	0	0	3	16	0	1·58	–	20
	Larkhill	9 9 9	440	43·1	33·7	38·4	-1·3	50	1,18	27	11	–	–	53	2·11	71	·88	18	7	6	1	0	0	0	5	13	0	–	–	–
	Marlboro' ¶§	9 9 9	424	43·2	31·5	37·3	-2·4	50	1,18	23	14	40·1	45·3	54	2·14	62	·87	18	11	6	0	0	1	0	7	17	1	1·38	116	18
	Porton	9 9 9	363	43·6	33·1	38·3	-1·0	51	18	24	14	39·6	–	59	2·32	74	·98	18	12	4	1	0	0	0	4	21	0	1·44	86	18

¶§, 8 *See* Notes on Tables in Annual Summary.

* Sunshine recorder and earth thermometers at Staplers.

** Height changed on June 25th, 1943.

† Sunshine recorder is at Seed Trial Grounds.

TABLE III (*continued*)—Summary of Observations of Temperature, Rainfall, Sunshine and Weather DECEMBER, 1943

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation: Max. Min. Rain	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES FAHRENHEIT: Means of A Max.	B Min.	Mean of A and B	Difference from Average	Absolute Maximum and Minimum: Maximum	Date	Minimum	Date	Earth Temperature 1 ft	4 ft	RAINFALL: Total Fall mm	in	Percentage of Average	Most in a day: Amount	Date	WEATHER Number of days: Precip'n 0·1 in (0·2 mm) or more	0·4 in (1·0 mm) or more	Snow	Snow lying	Hail	Thunderstorm	Fog (Morn'g Obs.)	Ground Frost	Gale	BRIGHT SUNSHINE: Daily Mean	Percentage of Average	Percentage of Possible
		G.M.T.	ft	°F	°F	°F	°F	°F		°F		°F	°F	mm	in	%	in											hr	%	%
7a ENGLAND, N.W.																														
Cumberland	Keswick	9 9 9	254	44·5	33·8	39·1	-1·6	53	26	23	13	39·7	45·8	90	3·54	53	·63	20	17	10	2	0	1	0	4	18	0	0·93	102	13
	Newton Rigg ¶§	2121 9	560	42·5	32·4	37·5	-0·8	50	26,27	19	14	-	-	53	2·08	50	·61	21	12	9	1	0	0	0	0	20	0	1·14	102	15
Westmorland	Ambleside ..	9 9 9	145	44·8	32·8	38·8	-	51	25,27	19	13,14	-	-	93	3·65	-	·71	20	17	13	2	0	1	0	4	-	-	1·24	-	17
	Appleby	9 9 9	440	(43·0)	(31·5)	(37·3)	(-0·7)	-	-	-	-	-	-	(54)	(2·14)	(54)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lancashire	Blackpool ..	9 9 9	65	43·8	35·6	39·7	-1·2	50	6	22	14	39·1	44·8	49	1·94	59	·47	21	15	8	1	1	2	0	8	15	-	1·37	117	18
	Bolton	9 9 9	342	42·5	32·5	37·5	-2·5	49	26,27	22	14	39·2	43·8								1	0	0	0	-	9	-	0·57	101	8
	Burnley	9 9 9	458	42·5	32·5	37·5	-1·6	49	26	19	14	38·3	43·2	66	2·59	-	·57	21	12	12	2	0	1	0	10	27	-	-	-	-
	Darwen	2121 9	724	(41·6)	33·5	(37·5)	(-1·2)	-	-	24	14,15	37·7	42·6	77	3·03	55	·80	21	14	10	2	0	3	0	15	15	-	0·73	101	10
	Fleetwood ..	9 9 9	21	44·4	34·8	39·6	-	50	2,3,27	22	14,15	-	-	42	1·65	-	·43	21	13	9	0	0	0	0	6	21	0	1·43	-	19
	Hutton	9 9 9	82	43·4	34·1	38·7	-1·2	51	26	23	14	39·7	45·4	44	1·72	-	·41	18	12	9	0	0	1	0	-	18	1	0·80	75	11
	Leyland	9 9 9	125	43·5	33·5	38·5	-1·4	50	26,27	21	14	-	-	51	2·00	57	·35	21	11	11	0	0	0	0	7	21	-	-	-	-
	Manchester (Burnage) ..	9 9 9	147	44·3	32·9	38·6	-	51	27	20	14	-	-	43	1·71	-	·48	21	15	11	0	0	0	0	12	(20)	-	0·73	-	10
	(Whitworth Pk.)	2121 9	125	43·9	34·3	39·1	-1·8	51	26	23	13,14	40·5	43·5	46	1·81	56	·43	21	16	10	0	0	0	0	23	-	0	(0·70)	(171)	(9)
	Morecambe ..	9 9 9	23	44·1	36·0	40·1	-0·2	49	1,26	27	14,15	-	-	46	1·82	46	·39	21	12	11	0	0	0	0	7	-	0	1·52	125	21
	Nelson	9 9 9	540	41·8	33·2	37·5	-	49	26	23	15	37·2	43·6	64	2·51	-	·52	21	17	12	-	-	-	-	15	20	-	0·64	-	9
	Southport (Bedford Rd.Pk.) ¶§	9 9 9	35	43·0	34·5	38·7	-2·2	50	25,26	21	13,14	40·0	43·7	50	1·97	61	·49	21	12	8	0	0	2	0	13	14	0	1·26	106	17
	Stonyhurst ¶§	9 9 9	377	42·7	34·4	38·5	-1·3	49	26,27	25	14,15	-	-	72	2·83	58	·61	21	16	12	1	0	2	0	4	18	1	1·20	126	16
Cheshire	Bidston Obs'y ..	9 9 9	198	43·3	36·4	39·9	-1·6	52	26	26	13	-	-	37	1·44	54	·35	21	11	7	-	-	-	-	13	8	-	1·02	76	14
	Hoylake	9 9 9	22	44·1	35·1	39·6	-2·3	52	26	23	11	-	-	36	1·42	50	·37	21	12	8	0	0	1	0	-	23	-	1·22	92	16
	Macclesfield ..	9 9 9	500	42·1	33·2	37·7	-1·1	50	26	22	15	-	-	44	1·72	70	·70	21	16	10	6	0	1	0	7	-	-	-	-	-
	Manchester (Ringway) ..	18-7 7	235	43·1	34·0	38·5	-	51	26	19	13	-	-	41	1·63	-	·55	21	16	8	2	0	3	0	10	18	0	-	-	-
	Warburton ..	9 9 9	68	43·3	32·1	37·7	-	51	26	17	14	-	-	42	1·67	-	·51	21	12	12	1	0	0	0	14	23	-	0·56	-	7
	West Kirby ..	9 9 9	25	43·0				52	26	24	11,12	-	-	34	1·32	50	·38	21	13	7	1	0	2	0	0	19	-	1·53	117	20
7b NORTH WALES																														
Flint	Hawarden B'dge	9 9 9	17	44·7	34·1	39·4	-2·6	55	26	24	13,14	-	-	30	1·17	-	·49	21	12	6	0	0	0	0	9	-	-	-	-	-
	Prestatyn ..	9 9 9	18																											
	Rhyl	9 9 9	31																											
	Sealand .. ¶§	18-7 7	16	43·9	35·4	39·7	-1·4	55	26	25	11,13	41·7	46·2	29	1·14	46	·39	21	14	7	0	0	0	0	11	16	-	1·18	88	16
Anglesey	Holyhead ¶§	7 7 7	26	47·1	39·6	43·3	-1·4	52	1,26,27	30	13,14	-	-	63	2·47	59	·63	1	10	7	-	-	-	-	-	10	10	1·82	138	24
	Holyhead (Valley)	18-7 7	32	46·7	37·4	42·1	-	52	1	25	11,14,16	-	-	60	2·38	-	·55	17	9	7	0	0	0	0	0	10	3	-	-	-
Denbigh	Colwyn Bay ..	9 9 9	118	45·4	36·3	40·9	-2·4	54	26	25	13	-	-	39	1·52	-	·37	17	11	8	0	0	0	0	0	-	-	1·68	130	22
Carnarvon	Aber	9 9 9	60	46·4	38·3	42·3	-1·0	53	25	29	13,14,16	-	-	68	2·69	-	·53	21	14	9	0	0	2	0	0	8	0	0·81	152	113
	Llandudno ..	9 9 9	13	45·7	37·5	41·6	-1·7	52	26	26	14	-	-	40	1·58	54	·31	18	12	8	0	0	4	0	1		0	1·50	119	20
Montgomery	Lake Vyrnwy ..	9 9 9	750	41·8	32·5	37·1	-	50	26	19	14	-	-	83	3·28	-	1·14	21	13	10	3	0	0	0	2	22	-	-	-	-
	Welshpool ..	9 9 9	254	44·9	33·1	39·0	-1·3	53	1,25	22	11	-	-	42	1·67	50	·80	21	10	7	2	0	0	0	2	-	-	-	-	-
8a SOUTH WALES																														
Cardigan	Aberporth ..	18-7 7	376	44·5	36·9	40·7	-	51	26	23	14	-	-	64	2·51	-	·75	21	18	12	0	0	2	0	0	14	0	2·43	-	31
	Aberystwyth ..	9 9 9	12	48·8	32·1	40·5	-2·6	56	2,5	19	14	-	-	42	1·66	-	·45	20	15	11	0	0	0	0	1	-	-	1·88	141	24
	„ Llety-evan-hen	9 9 9	950	41·1	34·7	37·9	-	47	25,26	26	15	-	-	59	2·31	-	·68	21	15	14	2	-	0	0	-	12	-	2·20	-	29
	„ P.B.S.†	9 9 9	452	44·1	36·5	40·3	-1·1	50	1	26	14	-	-	63	2·47	-	·79	21	19	10	1	0	0	0	1	17	1	2·35	145	30
Pembroke	Haverfordwest ..	2121 9	127	46·2	34·5	40·3	-2·7	52	28	19	14	-	-	77	3·03	-	·74	20	19	10	0	0	0	0	7	-	-	2·24	134	29
	St. Ann's Hd. ¶§	18-7 7	142	46·7	39·1	42·9	-2·4	54	24	29	14,15	-	-	70	2·76	58	·84	21	15	7	0	0	0	0	0	-	2	1·80	123	23
	Tenby	9 9 9	64	46·1	37·7	41·9	-1·3	51	1,25,26	23	14	-	-	87	3·43	-	·75	18	17	12	0	0	0	1	2	9	-	2·28	144	29
Radnor	Rhayader ¶§	9 9 9	757	42·3	33·5	37·9	-1·2	51	26	18	14,15	-	-	71	2·78	45	1·17	21	18	11	1	0	0	0	5	16	0	1·12	105	15
Brecknock	Cantref	9 9 9	1080	40·9	32·6	36·7	-	48	26	20	15	-	-	95	3·76	-	1·07	18	17	11	2	0	0	0	3	-	-	1·79	-	15
	Crickhowell ..	9 9 9	230																											
Glamorgan	Cardiff	2121 9	203	44·1	35·7	39·9	-1·8	51	1,26	28	14	42·2	47·8	68	2·69	54	·85	8	14	10	0	0	0	0	4	13	0	1·56	98	20
	St. Athan ..	18-7 7	145	44·0	37·8	40·9	-	51	1,20	28	14	-	-	82	3·24	-	·85	8	16	9	0	0	2	0	3	11	0	-	-	-
	Swansea	9 9 9	32	46·0	37·5	41·7	-1·7	52	26	25	14	40·9	50·4	63	2·50	-	·62	18	14	10	0	0	0	0	3	17	-	1·78	123	23
8b ENGLAND, S.W.																														
Monmouth	Newport ..	9 9 9	265	43·8	35·7	39·7	-1·7	54	26	29	11,14,15	39·6	45·3	67	2·63	-	·69	18	14	8	2	-	1	0	4	-	-	1·49	-	19
	Usk	9 9 9	70	(44·2)	(32·4)	(38·3)	(-1·8)	(53)	(26)	22	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Somerset	Bath .. ¶§	9 9 9	67	44·4	34·5	39·5	-2·0	52	18	25	14	41·1	47·0	40	1·56	45	·48	8	9	7	1	0	0	0	9	-	0	1·46	101	19
	Bristol (Airport) ..	18-7 7	209	43·7	34·9	39·3	-	51	1,26	24	11	-	-	51	2·02	-	·57	18	11	7	1	0	1	0	6	14	0	1·33	-	17
	Cannington ..	9 9 9	95																											
	Long Ashton ..	9 9 9	162	44·4	34·3	39·3	-2·0	52	1	25	11	-	-	53	2·09	54	·57	18	14	7	1	0	2	0	6	19	-	1·25	92	16
	Weston-s.-Mare ..	9 9 9	28	44·4	36·3	40·3	-	51	18	28	11,14	-	-	51	2·00	61	·46	8	11	10	0	0	0	0	7	15	-	1·31	94	17

¶§, § *See* Notes on Tables in Annual Summary. † Plant Breeding Station.

TABLE III (*continued*)—Summary of Observations of Temperature, Rainfall, Sunshine and Weather DECEMBER, 1943

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation Max. Min. Rain	Height of Station above Mean Sea Level	Air Temperature in Degrees Fahrenheit: Means of A Max.	B Min.	Mean of A and B	Difference from Average	Absolute Maximum and Minimum: Maximum	Date	Minimum	Date	Earth Temperature 1 ft	4 ft	Rainfall: Total Fall mm	in	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n 0·01in (0·2mm) or more	0·04in (1·0mm) or more	Snow	Snow lying	Hail	Thunderstorm	Fog (Morn'g Obs.)	Ground Frost	Gale	Bright Sunshine: Daily Mean	Percentage of Average	of Possible
		G.M.T.	ft	°F	°F	°F	°F	°F		°F		°F	°F	mm	in	%	in												hr	%	%
8b ENGLAND, S.W.—*cont.*		*																												
Dorset	Holton Heath ..	9 9 9	64	45·3	35·4	40·3	-1·6	53	1	27	14	40·6	45·2	87	3·41	–	1·01	18	14	10	1	0	0	0	1	14	1	1·76	109	22
	Poole	9 9 9	18	46·0	35·6	40·8	–	54	1	29	14,15	–	–	83	3·26	–	1·07	18	12	9	0	0	0	0	2	–	–	1·59	–	20
	Portland Bill ..	18–7 7	32	45·5	39·6	42·5	-2·8	52	1	30	14	–	–	72	2·84	88	1·11	8	10	7	0	0	0	0	0	–	0	–	–	–
	Shaftesbury ..	9 9 9	722	42·6	32·7	37·7	–	50	18	25	12	–	–	84	3·32	–	·86	8	14	8	2	0	0	0	–	–	–	–	–	–
	Swanage	9 9 9	14	46·2	38·3	42·3	–	53	1	32	3,11,15	–	48·3	77	3·02	–	1·09	18	12	8	1	0	0	0	0	5	–	1·31	–	16
	Weymouth ..	9 9 9	16																											
Devon	Barnstaple ..	9 9 9	25	45·9	36·6	41·3	-2·6	52	18	21	14	–	–	52	2·05	46	·51	18	14	10	–	–	–	–	2	8	–	–	–	–
	Cullompton ¶§	9 9 9	202	45·5	34·6	40·1	-1·8	53	1	26	14	41·4	–	104	4·11	94	1·55	8	15	12	0	0	0	0	6	24	–	1·48	98	19
	Dawlish	9 9 9	17	47·0	37·1	42·1	–	56	1	28	14	–	–	82	3·23	–	·97	8	15	13	–	–	–	–	1	17	–	1·69	–	21
	Exmouth ..	9 9 9	195	45·0	35·7	40·3	-3·0	53	1	25	14	–	–	93	3·67	–	1·43	8	17	11	0	0	0	0	4	–	0	1·75	96	22
	Hartland Pt. ..	18–7 7	299	45·1	40·3	42·7	–	52	1	30	15	–	–	51	2·03	–	·54	18	14	9	0	0	3	0	0	2	–	1·89	–	23
	Ilfracombe ..	9 9 9	25	46·5	39·7	43·1	-2·0	53	26	29	14	44·1	50·1	55	2·16	46	·74	18	11	9	0	0	0	0	0	4	–	1·50	120	15
	Killerton ..	9 9 9	159	45·1	34·9	40·0	-2·0	54	1	26	14	–	–	90	3·54	–	1·51	8	12	12	–	–	–	–	0	20	–	–	–	–
	*Newton Abbot ..	9 9 9	375	45·7	35·6	40·7	-1·4	56	1	26	14	–	–	86	3·37	73	·98	8	14	13	0	0	0	0	1	27	–	1·40	80	17
	Plymouth (Hoe)	2121 9	117	46·8	37·3	42·1	-2·4	55	1	25	14	42·4	47·0	92	3·61	72	1·02	18	16	12	0	0	0	0	6	16	1	1·70	101	21
	Plymouth (Mount Batten) ..	18–7 7	86	46·7	38·8	42·7	-2·2	55	1	25	14	–	–	93	3·68	–	1·03	8	16	13	0	0	1	0	0	13	0	1·87	109	23
	Princetown ..	9 9 9	1359	40·5	33·1	36·8	-2·7	48	1,26	27	11,14,15	–	–	168	6·63	57	1·72	18	22	16	1	0	1	0	13	17	–	–	–	–
	Seaton	9 9 9	43	46·2	36·6	41·4	–	56	1	29	11	–	–	95	3·74	–	1·20	8	11	10	0	0	1	0	0	12	–	–	–	–
	Sidmouth ..	9 9 9	25	46·1	37·3	41·7	-1·6	55	1	28	14	–	–	88	3·46	–	1·28	8	8	8	0	0	0	0	0	13	–	1·82	–	23
	Tavistock ..	9 9 9	457	47·0	33·3	40·1	-2·2	51	1,9,19	21	15	–	44·9	84	3·29	51	·78	18	13	11	0	0	0	0	4	17	0	–	–	–
	Teignmouth ..	9 9 9	20	46·9	37·3	42·1	-2·4	55	1	29	14	–	–	81	3·19	75	·94	8	17	9	0	0	0	1	1	7	–	1·64	89	20
	Torquay	9 9 9	27	46·6	37·4	42·0	-2·7	55	1	29	14	–	47·7	77	3·01	67	·89	8	15	13	0	0	0	1	5	9	0	1·40	73	17
	Totnes	9 9 9	100	45·8	33·8	39·9	–	56	1	23	14	43·0	–	106	4·17	–	1·14	18	15	13	0	0	0	0	–	23	0	–	–	–
Cornwall	Bude	9 9 9	50	46·5	38·2	42·3	-1·3	53	1,18	25	14	–	–	53	2·08	48	·54	18	14	9	0	0	2	0	0	–	–	1·88	107	24
	Ellbridge.. ..	9 9 9	200	46·2	35·9	41·1	–	53	1	22	14	–	–	118	4·65	–	1·46	8	19	11	0	0	0	0	1	18	–	2·05	–	26
	Falmouth Obs. ¶§	9 9 9	167	47·7	38·6	43·1	-1·9	54	1,18	31	14	44·0	48·5	71	2·81	45	·84	18	17	12	0	0	0	0	1	8	–	1·77	101	22
	Fowey	9 9 9	51	48·1	37·4	42·7	-2·4	54	1,18,20	25	14	–	–	69	2·71	–	·78	17	14	13	0	0	1	0	0	–	–	2·14	116	27
	Gulval	9 9 9	20	47·4				53	18	29	14	–	–	75	2·97	–	·77	18	17	12	0	0	0	0	0	12	–	1·97	118	24
	The Lizard ..	18–7 7	240	47·6	41·6	44·6	–	53	1	33	14	–	–	71	2·79	–	·82	18	17	13	0	0	0	0	0	–	0	1·70	–	21
	Newquay ..	9 9 9	182	46·5	38·2	42·3	-2·4	53	18	26	14	43·9	48·2	69	2·72	63	·90	18	17	12	0	0	2	0	2	–	1	2·17	135	27
	Penzance ..	9 9 9	55	48·6	39·6	44·1	-2·4	54	26	31	12	–	–	81	3·17	56	·80	18	19	15	0	0	0	0	1	–	–	1·88	107	23
	Tintagel	9 9 9	280	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
NORTHERN IRELAND																														
Londonderry	Castlerock ..	9 9 9	57	46·7	37·7	42.2	–	54	26	28	12,16	–	–	78	3·07	–	·75	18	18	11	0	0	1	0	0	7	0	–	–	–
	Garvagh .. ¶ (Moneydig)	7 7 7	121	45·3	36·3	40·8	+0·6	53	26	26	13	–	–	72	2·85	71	·70	18	19	11	2	0	2	0	0	11	–	–	–	–
Antrim	Aldergrove ¶§	18–7 7	268	44·1	37·5	40·8	+0·3	50	25,26	28	16	–	–	64	2·52	73	·46	18	18	12	1	0	0	0	3	12	0	0·74	55	10
Down	Ballyhalbert ††	9 9 9	34	47·7	39·0	43·3	–	53	26	32	19	–	–	55	2·18	–	·56	7	14	9	0	0	0	0	0	(8)	1	1·26	–	17
	Hillsborough §	9 9 9	388	45·0	36·2	40·6	–	51	25,26	28	16	42·5	–	56	2·22	–	·51	18	14	11	1	1	1	0	2	10	0	1·08	81	15
Armagh	Armagh .. ¶§	2121 9	205	45·3	36·8	41·1	+0·3	52	25,26	29	4,16	41·1	55·1	57	2·25	72	·45	18	20	11	1	0	0	0	0	(10)	0	0·74	55	10
Scilly	St. Mary's	18–7 7	163	48·4	43·3	45·9	-1·3	53	10	37	12	–	–	60	2·37	54	·61	18	16	11	0	0	1	0	0	–	0	2·[illegible]	[illegible]	25
GIBRALTAR		18–7 7	400	58·2	51·0	54·6	-1·9	63	19,20	43	13	–	–	185	7·28	–	1·78	29	19	17	0	0	0	3	0	0	3	3·73	–	38
MALTA		18–7 7	231	63·5	56·4	59·9	+2·3	72	13	48	31	–	–	84	3·31	98	1·23	9	16	11	0	0	1	3	0	–	0	4·29	85	44

¶§, § *See* Notes on Tables in Annual Summary. †† Sunshine recorder is at Mount Stewart. * Seale-Hayne College.

TABLE III (*a*)—SKY OBSERVATIONS, DECEMBER, 1943

WEATHER DIARY ROYAL OBSERVATORY, GREENWICH	Number
Persistently overcast days	4
„ cloudless „	0
„ foggy „	0

NIGHT SKY RECORDER**	GREENWICH	PORTON
Recorder in operation on	31 nights	31nights
Average exposure (hours)	13·8	13·3
Polaris unobscured (per cent.)	36	38
δ Ursæ Minoris (ditto)	31	34

** *See* Meteorological Magazine, May, 1920, p. 70.

TABLE III (*b*)—SOLAR RADIATION

DIRECT SOLAR RADIATION KEW OBSERVATORY

	Cal./cm.²/diem.
Max. (on 20th ..	162
Mean	29·4

TABLE IV—Summary of Observations at fixed hours DECEMBER, 1943

DISTRICT, COUNTY AND PLACE	Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE: At Mean Sea Level	MEAN PRESSURE: Difference from Average	TEMPERATURE AND HUMIDITY: Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	CLOUD AMOUNT: Mean Amount	CLOUD AMOUNT: No. of Observations 0	1 to 3	4 to 6	7 to 9	10
	G.M.T.	ft	mb	mb	°F	°F	mb	%						
0 SCOTLAND, N.														
Shetlands — Sumburgh (Links)	1	23	1014·0	–	44·0	1·8	8·3	84	7·4	0	5	5	13	8
	7	23	1014·1	+10·6	43·7	1·8	8·2	85	7·6	0	4	5	14	8
	13	23	1013·9	–	44·3	1·9	8·4	85	8·7	0	0	4	16	11
	18	23	1013·7	–	44·4	1·7	8·6	85	8·5	0	2	2	16	11
Hebrides — Benbecula	1	27	–	–	–	–	–	–	–	–	–	–	–	–
	7	27	1015·3	–	43·4	1·4	8·5	89	7·1	0	7	5	7	12
	13	27	1015·5	–	45·1	1·9	8·7	84	8·0	0	1	5	13	12
	18	27	1015·5	–	43·4	1·7	8·3	86	6·7	1	3	12	6	9
Stornoway	1	83	1014·7	–	41·8	1·8	7·7	85	6·7	0	8	4	15	4
	7	83	1014·3	+10·5	42·6	1·7	8·1	86	7·0	1	5	4	13	8
	13	83	1014·7	–	44·6	2·4	8·2	81	7·1	0	4	8	15	4
	18	83	1015·4	–	43·1	2·2	7·8	82	7·3	0	6	3	13	9
Caithness — Wick	1	117	1015·8	–	39·6	0·9	7·7	92	5·4	1	11	5	10	4
	7	117	1015·5	+11·4	40·3	1·1	7·7	90	6·9	3	4	4	8	12
	13	117	1015·7	–	42·3	1·3	8·3	89	7·1	3	3	4	13	8
	18	117	1015·7	–	40·7	1·1	7·9	91	5·8	6	4	6	8	7
Sutherland — Cape Wrath	1	371	1014·1	–	42·3	1·1	8·3	91	7·5	0	5	3	18	5
	7	371	1013·4	–	42·2	1·0	8·4	91	8·0	0	3	3	21	4
	13	371	1013·7	–	43·0	1·1	8·5	91	8·2	0	1	6	19	5
	18	371	1013·6	–	42·4	0·9	8·5	92	7·8	0	3	5	18	5
Ross and Cromarty — Invergordon **	1	19	1016·9	–	36·0	1·4	6·4	88	5·3	5	8	3	6	9
	7	19	1016·5	–	37·1	1·3	6·8	88	6·6	4	4	3	12	8
	13	19	1016·6	–	41·6	2·0	7·6	83	6·6	2	4	5	20	0
	18	19	1016·6	–	38·6	1·7	6·9	86	6·3	3	6	5	8	9
Inverness — Dalwhinnie †	7	1180	974·4	–	35·7	1·1	6·2	89	7·8	0	6	2	8	15
	13	1180	974·7	–	38·7	1·8	6·7	83	8·0	0	2	4	18	7
	18	1180	974·4	–	36·5	1·3	6·3	87	6·6	1	6	7	7	10
1 SCOTLAND, E.														
Moray — Lossiemouth	1	24	1016·8	–	37·7	1·7	6·6	84	5·4	5	6	6	9	5
	7	24	1016·5	–	38·3	1·7	6·8	85	7·0	2	3	6	12	8
	13	24	1016·7	–	42·6	2·6	7·4	79	6·5	2	6	4	16	3
	18	24	1016·6	–	39·8	2·0	7·0	83	6·1	2	7	6	10	6
Aberdeen — Aberdeen H	7	85	1017·5	+11·4	38·9	2·1	7·1	77	5·5	2	11	2	12	4
	13	85	1017·6	–	41·5	2·6	6·9	77	8·3	0	3	1	18	9
	18	85	1017·4	–	41·5	2·6	6·9	77	7·0	0	10	1	6	14
	21	85	1017·5	–	41·2	2·4	6·9	79	5·9	4	9	2	5	11
	h.*	85	1017·6	+11·2	40·7	2·4	6·9	79						
Braemar ‡	9	1108	1017·3	+10·4	35·9	1·1	6·3	89	8·0	0	4	4	5	18
Dyce	1	237	1017·6	–	38·5	1·8	6·7	84	6·3	2	8	3	8	10
	7	237	1017·6	–	37·0	1·6	6·4	85	6·1	2	7	4	12	6
	13	237	1017·6	–	41·7	2·2	7·3	81	8·1	1	3	2	17	8
	18	237	1017·5	–	40·0	2·0	7·0	82	7·1	2	5	3	11	10
Angus — Montrose (Airf'd)	1	22	1019·1	–	39·5	1·5	7·0	85	6·5	4	6	2	9	10
	7	22	1018·4	–	38·6	1·4	6·9	87	6·2	0	11	4	9	7
	13	22	1018·4	–	41·5	2·0	7·4	83	7·8	0	4	1	18	8
	18	22	1018·4	–	39·6	1·5	7·2	87	6·4	1	6	7	9	8
Perth — Errol	1	33	1018·4	–	36·7	1·1	6·7	89	6·5	5	5	1	10	10
	7	33	1018·3	–	36·8	1·2	6·8	89	6·2	2	9	2	11	7
	13	33	1018·5	–	40·5	1·8	7·3	84	7·5	1	4	2	17	7
	18	33	1018·2	–	38·1	1·4	6·9	87	6·7	1	7	5	9	9
Fife — Leuchars H	1	36	1018·5	–	38·5	1·1	7·3	91	6·4	4	4	6	6	11
	7	36	1018·4	+11·7	37·7	0·9	7·2	92	6·5	3	6	3	9	10
	13	36	1018·4	–	41·5	1·7	7·8	86	8·1	0	4	1	16	10
	18	36	1018·3	–	39·6	1·1	7·5	90	6·9	1	5	7	7	11
Mid Lothian — Edinburgh (Blackford Hill)	9	441	1019·1	–	39·2	1·6	7·0	86	6·4	1	8	3	14	5
	21	441	1018·8	–	39·6	1·8	7·0	84	6·1	2	8	5	5	11
Berwick — St. Abb's Head	1	312	1018·4	–	41·0	1·7	7·4	85	6·1	3	7	4	8	9
	7	312	1018·3	–	40·8	1·7	7·3	85	6·7	1	8	3	11	8
	13	312	1018·4	–	42·4	2·0	7·6	83	7·8	0	2	6	15	8
	18	312	1018·3	–	41·9	1·9	7·6	83	6·7	0	7	6	8	10
6a SCOTLAND, W.														
Argyll — Tiree	1	27	1017·5	–	43·8	1·5	8·6	88	7·3	0	6	5	9	11
	7	27	1017·3	+12·3	44·2	1·3	8·9	90	7·6	0	5	4	6	16
	13	27	1017·4	–	45·9	1·7	9·2	86	7·8	0	2	9	8	12
	18	27	1017·1	–	44·6	1·6	8·8	88	7·4	0	5	5	9	12
Bute — Rothesay	9	187	1019·4	+11·7	42·3	1·2	8·2	90	7·7	0	3	5	15	8
	21	187	1019·3	–	42·3	1·3	8·2	89	7·1	1	5	6	7	12
Renfrew — Renfrew (Abbotsinch)	1	24	1018·8	–	39·5	1·2	7·5	89	6·5	2	7	3	5	14
	7	24	1019·0	+11·5	39·5	1·2	7·5	89	7·2	3	3	2	8	15
	13	24	1019·2	–	41·9	1·4	8·1	88	8·1	1	3	2	16	9
	18	24	1018·7	–	40·4	1·4	7·6	88	7·1	1	2	3	11	14
Dumfries — Eskdalemuir ‡‡H	7	778	1019·8	+11·2	35·7	1·0	6·4	90	7·4	3	4	2	6	16
	13	778	1019·7	–	39·4	1·6	7·0	86	8·4	1	3	1	9	17
	18	778	1019·6	–	36·5	1·0	6·6	90	7·2	1	5	3	10	12
	21	778	1019·9	–	36·4	1·0	6·6	90	7·1	2	3	5	9	12
	h.*	778	1019·9	+11·2	36·8	1·6	6·6	89						
6b ISLE OF MAN														
Isle of Man — Douglas H	9	286	1020·7	+11·4	42·7	1·7	8·2	87	6·8	0	0	11	19	1
	1	31	1020·0	–	43·4	1·9	8·0	83	6·2	1	8	6	8	8
Point of Ayre	7	31	1019·8	–	43·9	1·7	8·4	86	6·7	2	6	3	9	11
	13	31	1020·0	–	45·8	2·3	8·6	82	7·6	0	4	4	14	9
	18	31	1019·6	–	44·2	1·7	8·5	86	7·7	0	5	3	12	11

DISTRICT, COUNTY AND PLACE	VISIBILITY: Number of Observations — Fog 0	Fog 1	Fog 2	Fog 3	Mist 4	Poor Vis. 5	Mod. Vis. 6	Good Visibility 7	Good Visibility 8	Good Visibility 9	WIND, NUMBER OF OBSERVATIONS: Force (0-12) 8 or more	6 to 7	4 to 5	1 to 3	Calm	Direction N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
0 SCOTLAND, N.																							
Shetlands — Sumburgh (Links)	0	0	0	0	0	1	4	6	18	2	4	9	11	7	0	2	0	3	3	5	8	5	5
	0	0	0	0	0	0	4	7	19	1	3	9	13	5	1	0	1	2	2	8	9	4	4
	0	0	0	0	0	0	5	6	12	8	4	8	12	7	0	1	0	1	5	6	9	9	0
	0	0	0	0	0	1	5	9	16	0	3	12	8	8	0	2	0	0	4	8	6	8	3
Hebrides — Benbecula	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	0	0	0	0	0	0	2	14	14	1	1	6	13	9	2	1	1	1	3	10	6	5	2
	0	0	0	0	0	0	4	8	16	3	3	7	12	8	1	2	1	0	5	9	4	7	2
	0	0	0	0	0	0	5	10	15	1	1	10	8	10	2	1	1	2	2	10	5	5	3
Stornoway	0	0	0	0	0	0	7	16	8	0	3	6	7	13	2	0	0	3	2	8	9	6	1
	0	0	0	0	0	0	4	19	7	1	1	9	8	10	3	1	0	1	4	10	8	4	0
	0	0	0	0	0	1	2	13	14	1	2	9	11	7	2	0	0	1	4	6	10	5	3
	0	0	0	0	0	1	7	16	8	0	1	9	9	9	3	1	0	1	4	7	11	3	1
Caithness — Wick	0	0	0	0	0	1	2	8	17	3	0	4	8	18	1	0	0	0	1	7	11	5	6
	0	0	0	0	0	1	5	9	15	2	1	4	6	18	2	0	0	1	4	5	12	2	5
	0	0	0	0	0	1	2	3	18	7	1	6	4	17	3	1	0	0	4	5	11	4	3
	0	0	0	0	1	2	4	8	13	3	1	4	8	16	2	0	0	0	4	6	11	7	1
Sutherland — Cape Wrath	0	0	0	0	0	0	1	7	18	6	1	7	10	13	0	3	1	3	1	2	11	3	7
	0	0	0	0	0	0	1	3	22	4	1	7	9	14	0	3	0	3	1	2	12	5	5
	0	0	0	0	0	0	1	3	17	6	1	6	12	12	0	4	0	2	3	1	12	7	2
	0	0	0	0	0	0	1	7	19	4	1	5	12	13	0	3	0	0	2	3	2	12	6	3
Ross and Cromarty — Invergordon **	0	0	0	0	0	1	2	6	12	0	0	3	6	10	12	0	0	1	0	1	0	0	7	10	1
	0	0	0	0	1	1	10	6	13	0	0	5	4	12	10	0	0	1	0	1	3	10	4	2
	0	0	0	0	0	3	5	4	17	2	1	2	6	12	10	0	0	3	1	1	7	8	1	
	0	0	0	0	0	5	7	9	8	2	1	5	4	14	7	0	1	4	1	2	8	6	2	
Inverness — Dalwhinnie †	0	0	0	0	4	2	7	13	5	0	0	0	7	20	4	4	1	1	0	7	9	2	3
	0	0	0	0	1	0	4	13	13	0	0	0	11	18	2	3	0	1	2	5	9	8	1
	0	0	0	0	2	0	6	12	10	0	1	0	10	16	4	2	0	1	4	5	10	4	1
1 SCOTLAND, E.																							
Moray — Lossiemouth	0	0	0	0	0	1	2	7	18	3	0	0	7	21	3	0	0	1	6	3	10	7	1
	0	0	0	0	0	0	1	5	23	2	0	1	8	20	2	0	0	1	5	7	11	3	2
	0	0	0	0	0	0	5	1	20	5	0	2	6	22	1	0	0	2	6	3	11	7	1
	0	0	0	0	0	0	3	5	20	0	0	3	8	16	4	0	0	1	5	5	8	7	1
Aberdeen — Aberdeen H	0	0	0	0	1	4	8	0	3	9	6	0	0	4	25	2	0	0	1	2	4	10	4	8
	0	0	0	0	3	7	2	1	7	8	3	0	1	6	24	0	0	0	2	2	7	11	4	5
	0	0	0	0	3	7	2	1	7	6	0	0	0	6	25	0	0	0	1	3	5	9	6	7
	0	0	0	0	5	8	2	3	6	7	0	0	0	6	25	0	1	0	0	3	8	9	6	4
Braemar ‡	0	0	0	0	2	14	10	4	1	0	0	4	3	20	4	2	0	1	2	7	8	5	2
Dyce	0	0	0	0	1	2	4	9	13	2	0	1	8	16	6	0	0	1	2	5	5	8	4
	0	0	0	0	5	1	5	4	13	3	0	1	7	15	8	0	1	1	1	5	6	5	4
	0	0	0	0	3	3	5	6	18	5	0	0	3	18	5	0	0	1	3	7	7	4	4
	0	0	0	0	2	3	6	4	11	5	0	2	7	16	6	1	0	0	2	5	8	4	5
Angus — Montrose (Airf'd)	0	0	0	0	2	5	6	10	6	2	0	1	6	20	4	0	1	2	2	1	7	13	1
	0	0	0	0	1	4	8	9	8	1	0	1	5	24	1	0	0	3	0	3	7	14	3
	0	0	0	0	2	2	9	7	8	5	0	1	5	24	2	1	0	3	0	3	9	11	2
	0	0	0	0	6	7	3	6	8	1	0	1	4	20	6	0	0	2	0	4	6	11	2
Perth — Errol	0	0	0	0	1	6	9	7	3	0	0	1	5	17	8	0	2	0	1	2	10	5	3
	0	0	0	0	3	2	10	5	6	0	0	3	4	21	3	2	0	1	1	5	8	10	1
	0	0	0	0	4	6	9	7	9	0	0	2	4	20	5	0	3	2	0	2	10	7	2
	0	0	0	0	4	6	9	8	7	0	0	2	5	17	5	2	1	3	3	2	10	4	1
Fife — Leuchars H	0	0	0	0	4	7	5	7	2	0	0	1	6	19	5	0	1	2	1	2	8	12	0
	0	0	0	0	3	9	6	8	2	0	0	1	7	16	7	0	0	1	2	3	8	9	1
	0	0	0	0	5	5	14	2	4	0	0	1	11	14	5	1	1	2	3	1	8	10	0
	0	0	0	0	5	6	8	5	3	0	0	0	7	19	5	1	1	1	4	3	10	5	1
Mid Lothian — Edinburgh (Blackford Hill)	0	0	0	0	2	4	8	0	15	0	0	0	4	5	15	7	0	0	1	4	3	7	8	1
	0	0	0	0	–	–	–	–	–	–	0	3	5	16	7	0	0	1	4	6	7	4	2
Berwick — St. Abb's Head	0	0	0	0	0	0	5	22	3	0	0	2	15	12	2	0	0	2	3	3	8	9	4
	0	0	0	0	1	1	7	14	7	0	0	4	12	14	1	0	2	1	3	4	8	11	1
	0	0	0	0	0	0	2	12	16	0	0	3	11	14	3	0	0	3	1	6	9	7	2
	0	0	0	0	0	1	2	19	3	0	0	2	14	11	4	0	0	1	2	7	8	8	1
6a SCOTLAND, W.																							
Argyll — Tiree	0	0	0	0	0	2	9	11	9	0	0	6	12	10	3	2	1	1	3	8	5	5	3
	0	0	0	0	0	2	7	14	8	0	1	7	13	9	1	2	0	2	3	7	6	8	2
	0	0	0	0	0	2	5	9	3	1	1	5	15	9	1	0	0	1	6	5	7	5	6
	0	0	0	0	0	1	9	14	6	1	1	5	15	9	1	2	0	1	3	9	7	5	3
Bute — Rothesay	0	0	0	0	0	3	14	8	5	1	0	0	3	28	0	1	0	7	1	4	0	10	8
	0	0	0	0	0	3	17	8	3	0	2	0	6	23	0	0	0	7	1	7	1	10	5
Renfrew — Renfrew (Abbotsinch)	0	0	2	3	4	4	2	10	5	1	0	0	7	14	10	1	2	3	0	4	7	4	0
	0	1	2	6	6	1	9	5	1	0	0	1	4	15	11	0	2	3	2	4	4	4	1
	0	1	2	5	3	5	7	4	4	0	0	1	7	15	8	0	3	2	3	2	6	7	0
	0	2	3	5	8	3	4	8	0	0	0	0	5	19	7	0	2	5	2	3	6	5	1
Dumfries — Eskdalemuir ‡‡H	0	0	1	0	4	2	8	5	11	0	0	2	4	16	9	2	2	1	1	7	6	0	3
	0	0	1	0	1	3	7	4	14	0	0	0	8	14	9	1	2	0	3	7	5	3	1
	0	1	0	1	1	4	8	3	13	0	0	1	5	15	10	2	1	1	3	5	5	2	2
	0	0	0	1	3	3	8	4	12	0	0	1	7	14	9	1	2	0	1	6	7	2	3
6b ISLE OF MAN																							
Isle of Man — Douglas H	0	0	0	0	1	3	17	10	0	0	0	5	21	5	0	0	4	4	6	0	1	11	5
	0	0	0	0	0	0	3	5	23	0	0	4	14	12	1	4	0	1	3	6	3	7	6
Point of Ayre	0	0	0	2	0	0	2	4	23	0	0	8	14	7	2	4	0	3	0	7	2	7	6
	0	0	0	2	1	0	2	7	21	0	0	7	17	6	1	2	0	1	5	7	2	6	7
	0	0	0	0	0	0	3	8	20	0	0	5	15	10	1	4	0	2	4	5	3	5	7

* Mean of hourly readings. † Pressure at Station Level. ‡ Mean pressure at Station Level is 975·0 mb.

‡‡ Mean pressures at Station Level are 990·3 mb. at 7 h., 990·4 mb. at 13 h. 990·2 mb. at 18 h., and 990·3 mb. at 21 h.

** Station transferred to Alness, March 24th, 1943.

TABLE IV (*continued*)—Summary of Observations at fixed hours. DECEMBER, 1943

DISTRICT, COUNTY AND PLACE	Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE: At Mean Sea Level	MEAN PRESSURE: Difference from Average	TEMPERATURE AND HUMIDITY: Dry Bulb	TEMPERATURE AND HUMIDITY: Depression of Wet Bulb	TEMPERATURE AND HUMIDITY: Vapour Pressure	TEMPERATURE AND HUMIDITY: Relative Humidity	CLOUD AMOUNT: Mean Amount	CLOUD AMOUNT: No. of Observations: 0	1 to 3	4 to 6	7 to 9	10	VISIBILITY: Number of Observations: Fog: 0	1	2	3	Mist: 4	Poor Vis. 5	Mod. Vis. 6	Good Visibility: 7	8	9	WIND, NUMBER OF OBSERVATIONS: FORCE (0-12): 8 or more	6 to 7	4 to 5	1 to 3	Calm	DIRECTION: N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
	G.M.T.	ft	mb	mb	°F	°F	mb	%																													
2 ENGLAND, N.E.																																					
Northumberland — Cockle Park ..	9	331	–	–	40·7	1·9	7·1	82	7·8	0	4	2	16	9	0	2	0	0	0	2/9	0/0	18	0	0	2	4	23	2	0	1	5	0	3	2	14	4
	21	331	–	–	39·6	1·6	7·1	86	7·5	0	4	4	16	7	0	0	0	0	3	10/6	18/3	0	0	0	3	7	18	3	0	0	0	0	2	4	12	6
	1	435	1020·4	–	37·9	1·2	6·9	89	6·6	2	4	8	7	10	0	1	0	2	6	6/3	8/5	6	0	0	3	7	18	3	0	0	0	0	2	4	12	6
Ouston	7	435	1020·4	–	37·5	1·3	6·8	89	7·6	1	5	3	8	14	0	2	0	1	5	2/2	6/3	6	0	0	4	9	13	5	0	0	0	0	2	3	11	6
	13	435	1020·3	–	41·1	1·9	7·4	84	7·5	0	5	4	11	11	0	0	1	0	2	3/2	6/3	8	0	0	4	9	15	3	0	0	0	0	2	3	12	4
	18	435	1020·2	–	38·0	1·2	7·0	89	6·5	1	8	7	4	11	0	1	0	0	2	2/2	5/3	6	0	0	4	7	17	3	0	0	0	0	3	3	11	6
	1	122	1020·3	–	41·5	2·1	7·3	82	6·1	5	4	5	10	7	0	0	0	0	2	2/2	2/3	13	11/1	0	0	1	1	10	19	0	0	0	1	5	1	4	13	3
Tynemouth ..	7	122	1020·3	+12·2	41·0	2·2	7·0	80	6·7	3	3	6	11	8	0	0	0	0	2	6/1	11/3	13/0	4	0	1	9	21	0	0	0	0	1	5	2	5	7	3
	13	122	1020·5	–	43·8	2·8	7·5	77	6·8	0	7	5	16	3	0	0	0	0	7	1/3	13/0	4/1	0	0	2	9	19	0	0	0	0	1	4	2	14	3
	18	122	1020·3	–	42·6	2·5	7·3	79	6·3	4	6	1	16	4	0	0	0	0	10	3/3	10/4	5/3	0	0	1	4	22	0	0	0	0	1	4	2	13	3
Durham — Durham	9	352	1020·3	+11·0	38·7	1·2	7·1	89	7·1	0	7	4	9	11	0	1	0	1	5	3/3	16/2	0/0	0	0	0	2	21	8	0	0	0	1	2	1	0	1	2
	21	352	1019·7	–	39·0	1·2	7·2	89	7·3	1	3	6	9	12	0	0	2	0	3	3/3	19/4	0/0	0	0	0	4	16	11	0	1	0	1	3	6	9	0
	1	181	1020·8	–	37·8	0·7	7·3	93	7·2	2	2	6	10	11	0	0	1	7	5/6	4/1	6/5	8/7	0	4	0	1	4	3	0	0	0	0	1	2	1	0	0
Yorks., N. Riding — *Catterick .. H	7	181	1020·8	–	37·0	0·7	7·1	94	6·5	2	7	4	7	11	1	2	0	1	5	6/6	1/1	5/5	7/5	4	10	0	1	8	15	7	3	0	0	1	3	0	0	0
	13	181	1021·0	–	42·0	1·8	7·8	86	7·3	0	5	5	10	11	1	1	0	1	5	6/6	1/2	5/5	4/1	0	1	9	19	2	1	1	3	1	4	3	7	8	2
	18	181	1020·9	–	38·5	0·9	7·4	92	7·1	1	6	5	8	11	2	0	1	2	1	6/6	2/3	6/6	8/7	0	4	0	0	7	19	8	2	0	0	1	2	3	0	0
	1	47	1020·8	–	37·1	0·9	6·9	91	6·5	2	9	2	4	14	1	1	2	1	5	2/6	3/6	8/8	4	0	0	4	19	8	1	0	0	0	1	4	0	1	4	2
Linton-on-Ouse ..	7	47	1020·9	–	36·7	0·9	6·8	92	6·1	5	7	1	8	10	1	1	1	2	6	2/3	5/6	10/8	3	0	0	5	18	8	0	0	0	0	1	4	0	1	4	2
	13	47	1020·8	–	42·5	2·3	7·6	82	7·8	0	6	3	10	12	0	2	1	1	4	3/3	6/7	5/3	0	0	1	9	15	6	0	0	0	0	1	4	3	0	0	0
	18	47	1020·8	–	38·8	1·2	7·2	89	6·4	2	7	5	5	12	1	1	1	0	7	1/2	1/1	3/4	7/8	0	4	1	0	0	4	18	9	0	0	1	3	3	0	0
Scarborough ..	9	96	1020·4	+10·8	41·4	1·9	7·4	83	7·3	0	4	5	16	6	0	1	6	1	0	2/1	1/1	1/4	3/7	1	1/3	7	0	0	7	24	9	0	0	1	5	1	3	3	0	4	1
	1	60	1020·3	–	38·6	1·4	7·0	88	6·5	4	5	3	8	11	0	1	0/0	2	0	7/4	1/2	1/3	9/8	0	0	0	0	8	17	6	0	0	0	0	1	1	1	2	2	8	9	4	3	6	1	1
Thornaby	7	60	1020·1	–	37·5	1·1	6·9	89	6·5	3	8	0	10	10	0	1	4/4	0	2	4/2	3/2	4/4	8/7	0	0	0	0	1	9	19	2	0	0	0	1	1	1	2	2	7	4	6	5	2	1	0
	13	60	1020·7	–	43·2	2·6	7·6	79	6·7	0	9	4	11	7	0	1	1/1	0	2	4/2	4/6	5/3	13/7	0	0	0	0	1	3	23	4	0	0	0	1	2	2	3	1	10	8	9	3	5	2	0	3
	18	60	1020·8	–	39·7	1·5	7·3	87	6·1	4	7	1	12	7	0	1	2/2	0	4	4/4	0/7	7/7	1/1	0	0	0	0	1	1	30	0	0	0	0	0	0	1	2	2	3	1	1	4	9	7	6	5
York	9	53	1021·9	+11·6	38·3	1·2	7·0	89	7·4	1	6	2	9	13	–	–	–	–	–	–	–	–	0	0	0	0	2	27	2	0	0	0	0	2	2	1	3	3	3	1	1	4	7	6	4	3
	1	70	1020·9	–	38·6	1·2	7·1	89	5·8	4	9	2	5	11	0	1	2	0	1	3/3	6/3	9/7	10/8	0	0	0	0	1	6	20	5	1	0	0	0	0	1	2	2	5	1	4	3	6	5	4	3
Yorks., E. Riding — Driffield	7	70	1020·8	–	37·5	1·1	6·9	90	6·9	3	6	2	6	14	1	4	0	0	1	3/3	1/1	11/4	10/5	0	0	0	0	1	6	20	5	1	0	0	0	0	1	2	2	5	1	4	2	6	7	6	3
	13	70	1021·0	–	42·3	2·4	7·3	80	7·3	1	4	4	13	9	0	1	0	2	0	1/6	6/6	6/6	9/7	0	0	0	0	1	8	21	6	0	0	0	0	0	1	2	2	5	1	4	2	6	7	6	3
	18	70	1020·5	–	39·3	1·6	7·1	86	6·6	2	8	1	9	11	0	0	2	0	1	1/6	6/6	6/6	10/8	0	0	0	0	1	4	26	4	0	0	0	0	0	1	2	2	4	1	4	2	6	7	6	3
	1	57	1021·1	–	40·5	1·5	7·4	87	6·9	2	4	5	14	6	0/0	2/0	0	0	1	4/4	3/3	6/5	13/11	0	0	0	0	0	4	13	14	0	0	0	0	0	1	1	2	4	3	3	7	7	5	5	3
Spurn Head ..	7	57	1021·0	+11·6	40·4	1·5	7·4	87	6·4	1	9	5	5	11	0/0	0/0	0	0	1	2/3	4/6	8/6	18/13	0	0	0	0	0	2	13	15	0	0	0	0	0	1	1	2	3	3	7	7	5	5	5	4
	13	57	1021·3	–	41·8	2·0	7·5	83	7·4	1	5	3	18	4	0/0	0/0	0	0	1	3/3	6/6	14/8	4/3	0	4	1	0	0	4	11	16	0	0	0	0	0	1	0	1	4	1	1	6	2	4	9	6
	18	57	1021·2	–	41·2	1·8	7·4	84	6·6	3	4	6	11	7	0/0	0/0	0	0	1	4/4	6/6	8/6	11/7	0	4	1	0	0	4	11	16	0	0	0	0	0	1	1	4	3	2	3	4	0	8	4	4
	1	208	1021·4	–	37·9	0·7	7·3	93	5·9	7	3	6	3	12	0	0	1/1	2	3	6/6	8/6	13/8	0/0	0	0	0	0	0	6	25	5	0	0	0	0	0	1	4	5	2	3	3	1	2	5	8	4
Lincoln — Cranwell .. H	7	208	1021·3	–	36·5	0·6	6·9	94	6·7	3	6	2	8	12	0	0	1	2	3	3/3	6/6	10/8	0/0	0	0	0	0	0	7	21	3	0	0	0	0	0	1	3	4	3	3	0	1	2	5	4	3
	13	208	1021·6	–	41·1	1·7	7·5	86	7·5	1	4	5	8	13	0	0	2	3	1	4/5	6/6	10/10	4/0	0	0	0	0	0	1	9	20	1	1	3	2	2	1	1	1	3	2	5	5	4	2	1	1	4
	18	208	1021·4	–	38·7	0·9	7·3	92	6·5	5	5	2	6	13	0	4	1	4	6	5/6	11/11	0/0	0	0	0	0	0	0	0	9	21	1	1	3	1	1	0	0	0	0	1	5	5	1	2	4	11	3
3 ENGLAND, E.																																					
Norfolk — Cromer .. H	9	74	1021·9	–	40·3	0·8	7·9	92	7·3	1	0	8	15	7	0	1	0	0	1	3/6	26/9	0/0	0	0	0	0	0	0	0	1	6	24	0	2	5	2	4	3	6	3	6
	1	26	1021·5	–	40·5	1·8	7·2	84	5·7	7	2	8	5	9	0	0	0	1	0	1/2	6/5	2/8	13/12	0	0	0	0	0	1	8	22	1	1	2	6	4	1	2	2	4	5	5	7	7
Yarmouth.. ..	7	26	1021·1	+9·9	39·8	1·7	7·0	84	6·7	2	4	8	4	13	0	0	0	1	0	2/0	8/7	12/10	13/10	0	0	0	0	0	1	10	20	1	2	6	4	6	0	5	1	4	4	6	7	6	4
	13	26	1021·2	–	42·7	1·9	7·8	83	7·4	1	4	5	13	8	0	0	0	1	0	1/3	7/7	10/10	13/13	0	0	0	0	0	1	4	9	17	1	4	4	6	6	0	5	1	4	4	7	6	4	3
	18	26	1021·3	–	41·4	2·2	7·2	81	6·7	5	1	6	7	12	0	1	1	1	0	1/3	4/7	5/5	11/10	0	0	0	0	0	1	2	7	21	0	2	4	5	5	1	0	2	3	5	3	7	6	4	3
	7	16	1021·5	–	39·4	1·3	7·2	88	6·2	4	7	3	3	14	1	0	1	0	2	1/3	7/7	4/4	13/12	0	0	0	0	0	1	1	11	17	2	4	8	1	0	1	0	3	5	5	3	7	3	3	3
Suffolk — Felixstowe Airfield	13	16	1021·8	–	42·3	2·3	7·3	80	6·6	7	2	2	8	12	0	1	1	0	1	2/3	7/7	7/7	12/8	0	0	0	0	0	1	1	12	16	2	1	2	6	2	2	1	0	4	4	9	4	3	3	3
	18	16	1021·8	–	40·6	1·7	7·5	85	5·4	10	3	1	8	9	0	1	1	2	1	3/7	7/7	8/8	4/4	0	0	0	0	0	1	2	6	22	1	2	7	1	0	4	4	9	3	3	3	3	3	3	3
	1	405	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Stradishall ..	7	405	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	13	405	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	18	405	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	1	40	1021·8	–	36·9	0·7	7·0	93	6·3	5	3	4	7	12	1	2	2	3	4	3/5	2/6	10/7	1/4	0	0	0	0	0	0	0	6	23	2	2	7	6	3	2	4	9	5	7	7	1
Mildenhall H	7	40	1021·7	–	35·9	0·5	6·9	95	6·2	4	7	3	3	14	3	4	1	0	3	2/4	3/6	7/3	8/5	0	0	0	0	0	0	0	6	23	5	2	6	4	3	3	4	6	1	1	4	2	4	3	2
	13	40	1021·7	–	41·5	1·8	7·7	86	6·7	2	5	2	15	7	0	1	0	3	2	4/4	3/6	5/5	6/6	0	0	0	0	0	0	0	10	16	5	2	5	5	4	2	2	4	6	6	1	1	4	3	2
	18	40	1021·7	–	38·6	1·1	7·2	90	6·5	3	6	3	6	13	0	1	0	3	2	4/7	6/5	6/5	5/3	0	0	0	0	0	0	0	5	22	4	0	1	1	2	1	2	4	9	6	6	1	1	4	2
Cambridge — Cambridge .. H	9	43	1022·5	+10·4	37·4	1·0	7·0	91	7·9	4	2	1	2	22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	21	43	1022·0	–	37·3	0·8	7·1	92	6·8	9	0	1	2	19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	1	519	1022·0	–	36·0	0·6	6·9	94	6·5	7	2	3	4	15	0	3	1	2	2	3/3	4/6	18/15	0/0	0	0	0	0	0	0	0	1	30	0	2	6	6	1	1	1	7	6	4	2	1	4	3	2
Bedford — Dunstable H	7	519	1022·0	–	35·1	0·6	6·7	95	7·1	2	5	5	2	17	0	3	2	1	2	2/2	5/3	17/17	0/0	0	0	0	0	0	0	0	10	19	2	1	1	7	6	4	2	4	4	1	1	1	0	1	2
	13	519	1021·8	–	39·6	1·4	7·3	87	7·2	4	3	3	8	13	0	3	1	0	2	1/2	6/3	14/14	5/2	0	0	0	0	0	0	0	1	9	17	3	0	0	7	6	7	4	1	1	1	0	1	2	2
Hertford — Rothamsted ..	9	396	1021·8	+9·7	36·6	0·7	6·8	92	7·3	2	4	3	9	13	0	3	2	1/4	1	1/4	10/10	0/0	0	0	0	0	0	0	0	1	12	15	3	0	0	7	8	5	3	1	1	2	2	1	0	2	6	1
	7	12	1021·9	–	38·5	1·0	7·3	91	7·0	3	4	5	6	13	0	1	2	3	6	4	5/10	4/3	0	0	0	0	0	0	0	0	1	2	9	16	5	3	0	0	4	2	6	2	1	7	4	5	5	4
Essex — Shoeburyness H	13	12	1022·2	–	42·8	2·3	7·6	81	6·9	3	4	3	11	10	0	0	1	4	1	4/5	4/6	13/10	1/3	1	0	0	0	0	0	0	1	6	22	2	3	3	3	3	4	3	4	5	4	6	5	5	5
	18	12	1022·4	–	39·8	1·3	7·4	88	6·8	6	3	2	5	15	0	1	4	1	5	6	10	3	1	0	0	0	0	0	0	1	6	22	2	4	1	3	3	3	3	5	5	4	1	3	3	5	5
4 MIDLAND COUNTIES																																					
	1	55	1021·3	–	37·4	0·9	7·1	92	6·0	6	5	3	5	12	2	2	4	3	3	3/4	4/8	13/12	0/0	0	0	0	4	20	7	3	2	0	0	3	7	4	5
Yorks., W.R. — Finningley ..	7	55	1021·1	–	36·3	0·8	6·8	93	6·8	6	2	4	5	14	3	3	4	3	0	2/2	7/7	12/11	0/0	0	0	0	4	22	5	3	2	2	2	3	3	10	2	5
	13	55	1021·3	–	42·1	2·1	7·6	84	7·4	1	4	5	11	10	0	1	4	2	3	0/2	7/7	11/10	0/0	0	0	0	4	20	7	1	2	2	2	2	3	4	8	2
	18	55	1021·3	–	39·0	1·2	7·4	90	6·0	4	6	3	9	9	2	1	3	3	3	6/6	7/6	10/10	0/0	0	0	0	4	20	7	1	2	2	2	2	3	2	1	1
Harrogate ..	9	478	1021·1	+10·9	37·9	1·2	6·9	89	7·2	0	6	4	11	10	2	1	3	1/3	3	3/6	6/2	2/2	0/0	0	0	0	4	18	5	2	2	2	2	2	3	2	10	14
Nottingham — Nottingham ..	9	215	1021·6	+10·6	37·4	1·4	6·5	86	7·3	2	3	4	15	7	3	8	4	3	7	9	2	2	0/5	0	0	0	4	29	0	0	0	0	1	2	6	10	7	3
Warwick — Birmingham H	7	542	1021·8	+10·5	37·5	1·0	7·0	90	7·7	1	5	1	8	16	1	4	3	2	1	8	1/6	3/3	0/0	0	0	0	4	28	0	0	0	0	1	3	4	7	5	2
	13	542	1021·8	–	40·7	1·8	7·4	85	8·2	2	2	1	11	15	0	3	3	4	2	1/1	9/8	3/3	0/0	0	0	0	4	28	0	0	0	0	1	5	1	8	5	3
	18	542	1021·8	–	40·0	1·4	7·5	88	7·5	2	5	2	4	18	0	2	4	3	2	3/3	7/3	10/10	0/0	0	0	0	4	28	0	0	0	0	1	4	4	9	5	2
	1	431	1022·2	–	37·2	0·7	7·1	93	6·4	5	6	1	5	14	1	4	4	2	2	3/3	7/5	7/4	0/0	0	0	0	4	25	0	0	0	0	1	4	3	7	6	3
Honiley	7	431	1025·1	–	35·7	0·6	6·9	95	7·5	0	7	2	6	16	3	4	4	2	2	2/2	3/3	7/5	0/0	0	0	0	4	25	0	0	0	0	2	4	4	8	5	4
	13	431	1021·9	–	40·1	1·3	7·5	89	8·4	1	1	4	10	15	0	4	4	2	2	3/5	10/5	4/4	0/0	0	0	0	4	23	0	0	0	0	1	7	5	8	4	3
	18	431	1021·9	–	38·9	0·8	7·5	92	7·0	3	5	4	6	13	0	2	1	5	2	5/5	5/5	4/4	0/0	0	0	0	4	25	0	0	0	0	2	2	3	4	3	4

* At Scorton from March 9th.

TABLE IV (*continued*)—**Summary of Observations at fixed hours** DECEMBER, 1943

District, County and Place		Hour of Observation	Height of Barometer above Mean Sea Level	Mean Pressure		Temperature and Humidity				Cloud Amount						Visibility												Wind, Number of Observations													
											No. of Observations					Number of Observations													Force (0-12)				Direction									
																Fog				Mist	Poor Vis.	Mod. Vis.	Good Visibility																			
				At Mean Sea Level	Difference from Average	Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	Mean Amount	0	1 to 3	4 to 6	7 to 9	10	0	1	2	3	4	5	6	7	8	9	8 or more	6 to 7	4 to 5	1 to 3	Calm	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.				
		G.M.T.	ft	mb	mb	°F	°F	mb	%																																
4 MIDLAND COUNTIES—*cont.*																																									
Oxford	Oxford	9	212	1022·7	+10·0	36·5	0·9	6·6	91	6·6	5	6	1	1	18	1	4	2	2	6	2	11	3	0	0	0	0	4	26	1	2	10	0	2	3	5	6	2
		1	243	1022·1	–	36·1	0·6	6·9	95	6·1	3	9	2	5	12	0	3	1	5	4	5	11	2	0	0	0	1	5	19	6	3	4	4	0	2	6	3	3
	Upper Heyford ..	7	243	1021·8	–	35·4	0·5	6·8	96	7·1	1	8	2	5	15	0	5	2	2	2	8	6	6	0	0	0	0	4	24	3	3	6	4	1	2	6	3	3
		13	243	1021·9	–	40·5	1·7	7·4	87	7·8	2	4	2	8	15	0	3	2	0	2	6	8	8	2	0	0	0	9	22	0	2	5	7	1	2	5	6	3
		18	243	1021·9	–	38·1	0·9	7·3	93	6·3	4	7	1	7	12	0	0	3	1	7	5	10	4	1	0	0	1	7	23	0	2	7	3	3	1	7	4	4
Shropshire	Shrewsbury H	9	186	1021·9	–	37·6	1·2	6·9	90	8·2	0	2	5	8	16	0	1	6	2	3	1	7	3	8	0	0	1	4	22	4	0	1	4	3	4	3	8	4
		1	295	1022·2	–	37·2	0·9	7·0	92	6·7	4	6	1	5	15	0	2	2	4	5	4	2	4	8	0	0	1	4	17	9	2	1	2	2	3	5	4	3
	Tern Hill	7	295	1022·0	–	36·5	0·7	6·9	93	8·0	0	4	3	18	16	2	0	4	6	3	1	2	3	10	0	0	0	4	19	8	5	0	4	3	2	5	2	2
		13	295	1022·0	–	40·4	1·8	7·3	85	8·3	0	3	2	12	14	1	2	1	4	7	0	5	3	7	1	0	0	6	25	0	6	1	1	7	3	3	8	2
		18	295	1021·8	–	39·5	1·4	7·4	89	7·2	2	5	2	7	15	0	0	4	6	4	2	3	7	5	0	0	1	7	20	3	3	0	2	6	3	5	6	3
		7	226	1021·7	+10·2	37·3	1·1	6·8	89	7·0	1	9	0	6	15	0	2	1	3	4	1	9	5	6	0	0	1	3	24	3	2	8	4	0	3	7	4	0
Hereford	Ross-on-Wye H	13	226	10 1·7	–	41·7	2·1	7·5	83	8·1	2	3	0	10	16	0	0	2	4	1	5	7	1	11	0	0	1	3	27	0	3	4	8	0	1	6	9	0
		18	226	1022·0	–	40·4	1·6	7·4	85	6·5	1	9	2	9	10	0	0	1	4	4	3	6	4	9	0	0	1	2	27	1	3	5	5	0	4	7	5	1
Gloucester	Cheltenham H	9	230	1021·6	+ 9·6	38·1	1·3	6·9		7·8	1	3	3	8	16	0	0	3	8	5	4	7	4	0	0	0	0	2	27	4	5	3	2	5	1	2	7	2
		21	230	1022·2	–	38·5	1·1	7·0		7·1	5	0	4	12	10	0	0	0	1	0	0	25	5	0	0	0	0	0	22	9	3	1	0	5	1	4	5	3
5 ENGLAND, S.E.																																								
		9	152	1022·3	+ 9·4	38·6	1·2	7·1	89	7·7	3	4	0	4	20	1	1	7	5	11	4	2	0	0	0	0	0	5	21	5	1	10	0	1	2	6	5	1
London	Greenwich .. H	15	152	1021·8	–	42·2	2·5	7·3	79	7·5	0	7	1	11	12	–	–	–	–	–	–	–	–	–	–	0	0	12	17	2	2	7	4	0	1	8	5	2
		21	152	1022·4	–	39·2	1·3	7·3	88	6·5	10	0	0	7	14	–	–	–	–	–	–	–	–	–	–	0	1	7	21	2	1	9	3	0	2	8	3	3
		h.*	152	1022·2	+ 9·5	39·5																																
		7	34	1021·9	+ 9·5	38·5	1·2	7·1	89	8·2	1	2	4	5	19	0	1	2	3	10	10	5	0	0	0	0	0	4	23	4	2	8	2	2	1	5	3	4
		13	34	1021·9	–	42·5	2·6	7·3	78	7·6	1	5	1	5	9	0	0	3	2	7	12	6	1	0	0	0	0	7	22	2	1	7	4	2	2	4	7	2
	Kew Obs'y. H	18	34	1022·1	–	41·0	1·8	7·4	84	6·6	8	13	1	3	6	13	0	0	2	4	11	13	1	0	0	0	0	1	6	22	2	0	9	2	2	2	6	6	2
		21	34	1022·5	–	40·1	1·5	7·4	86	6·1	9	2	2	5	13	0	1	3	2	10	12	2	1	0	0	0	0	4	25	2	3	7	3	0	3	7	6	0
		h.*	34	1022·1	+ 9·5	40·0	1·6	7·2	86																													
		9	66	–	–	38·5	1·3	7·0	88	7·8	0	3	8	6	14	–	–	–	–	–	–	–	–	–	–	0	0	3	28	0	2	4	7	2	1	3	2	10
	Kensington.. ..	15	66	–	–	42·7	2·3	7·5	80	7·4	0	1	10	14	6	–	–	–	–	–	–	–	–	–	–	0	1	4	26	0	2	5	7	3	0	2	5	7
		18	66	–	–	41·0	1·6	7·5	86	6·6	0	9	4	12	6	–	–	–	–	–	–	–	–	–	–	0	0	1	30	0	0	4	9	2	1	2	6	7
		1	225	1022·5	–	38·2	0·8	7·3	92	6·7	7	2	1	8	13	1	1	4	10	5	5	5	0	0	0	0	0	1	33	4	0	8	3	0	4	8	1	3
Surrey	Croydon .. H	7	225	1022·1	–	38·2	0·7	7·4	93	8·4	0	4	2	5	20	1	3	3	7	9	5	2	1	0	0	0	0	0	5	21	5	0	8	4	0	2	6	2	4
		13	225	1022·1	–	42·4	2·2	7·6	82	7·6	1	4	3	11	12	0	1	1	6	6	12	3	2	0	0	0	0	0	6	24	1	0	5	7	1	4	2	9	2
		18	225	1022·2	–	40·6	1·5	7·5	87	6·7	6	3	2	3	17	0	2	6	11	7	3	2	0	0	0	0	0	5	21	5	0	8	3	0	3	6	3	3
	Wisley	9	85	1022·3	–	38·4	1·3	6·9	88	8·7	2	1	1	5	22	0	3	1	7	2	6	10	2	0	0	0	0	1	24	6	4	7	3	1	1	3	2	4
		7	—	–	–	40·6	0·8	8·0	93	7·3	1	5	3	10	12	0	0	1	2	2	4	14	8	0	0	0	0	2	33	1	1	8	2	2	3	4	8	1
Kent	Dungeness ..	13	—	–	–	42·5	1·1	8·4	92	7·4	4	2	0	5	10	0	1	0	1	1	7	11	10	5	0	0	0	0	5	10	15	1	2	9	2	1	3	4	8	1
		18	—	–	–	41·6	1·0	8·1	91	7·3	5	1	2	8	15	0	1	0	0	1	7	17	5	0	0	0	0	5	10	16	0	2	10	1	1	3	5	7	2
		1	344	1022·3	–	37·4	0·7	7·1	93	5·9	8	4	3	4	12	1	2	1	2	9	8	7	1	0	0	0	0	0	7	24	0	4	7	6	0	1	4	6	3
	Lympne .. H	7	344	1021·9	+ 9·2	37·7	0·6	7·3	93	7·3	2	4	4	9	12	0	2	1	3	13	6	8	0	1	0	0	1	0	8	22	0	5	5	7	1	2	5	2	4
		13	344	1022·1	–	41·1	1·8	7·5	85	7·3	3	2	4	11	11	0	2	0	0	12	2	7	7	0	1	0	0	0	10	19	2	3	8	3	1	2	4	4	4
		18	344	1022·4	–	38·4	0·9	7·2	90	6·9	6	3	1	6	15	0	1	0	4	12	3	10	1	0	0	0	0	2	9	19	1	1	9	5	0	2	2	1	8	4
		1	156	1022·1	–	38·9	1·2	7·3	89	5·5	9	2	4	7	9	0	1	0	1	6	6	5	1	0	0	0	0	0	9	21	1	0	1	8	2	2	2	5	3	6
	Manston .. H	7	156	1021·6	–	39·1	1·2	7·3	89	7·5	2	6	0	10	13	0	1	1	5	7	4	10	5	1	0	0	0	0	11	18	1	1	1	8	2	2	5	3	8
		13	156	1021·9	–	41·8	2·1	7·5	81	7·1	3	3	3	12	10	0	1	1	1	3	7	9	7	3	0	0	0	0	12	19	0	1	2	8	1	4	2	5	8
		18	156	1022·1	–	39·8	1·5	7·2	86	6·6	5	4	2	8	12	0	1	1	1	12	4	8	3	0	0	0	0	2	7	21	1	2	1	9	0	4	4	7	3
	Tunbridge Wells ..	9	407	1022·8	+ 9·5	37·7	0·6	7·3	95	7·6	5	1	2	4	19	0	0	1	0	1	3	9	7	3	0	0	0	0	5	26	0	2	10	4	0	4	2	5	6
Sussex	Hastings .. H	9	154	1021·3	+ 8·0	39·7	1·1	7·4	90	7·2	5	2	2	6	16	0	0	0	0	3	6	13	8	0	5	4	0	0	0	0	0	0	12	0	4	0	5	1	6
		1	10	1022·1	–	39·4	1·3	7·2	87	7·0	3	6	2	6	14	0	0	0	0	3	5	7	11	3	0	0	0	0	1	6	21	3	0	12	0	4	0	5	1	6
	Thorney Is. ..	7	10	1021·7	–	39·7	1·2	7·4	89	7·8	0	6	1	8	16	0	0	0	0	3	4	8	16	3	0	0	0	0	0	6	23	2	3	8	2	1	2	3	4	5
		13	10	1021·9	–	43·5	2·1	8·0	83	7·3	1	7	1	7	15	0	0	0	1	7	5	10	7	1	0	0	0	0	6	22	3	5	9	2	1	2	1	4	5
		18	10	1022·1	–	41·0	1·4	7·7	88	6·5	2	7	5	4	13	0	0	0	1	4	5	7	11	2	1	0	0	0	1	8	17	5	4	9	3	0	2	3	2	3
		9	84	1022·4	–	40·9	1·3	7·7	90	8·0	2	2	4	7	16	0	0	0	1	1	6	13	8	2	0	0	0	0	1	6	21	3	2	10	3	0	0	1	4	6
Hampshire	Southampton ..	21	84	1022·6	–	40·0	0·8	7·8	93	5·9	8	2	5	3	13	0	0	0	2	4	8	2	2	0	0	0	0	0	11	16	4	1	7	5	4	2	0	2	6
		1	231	1022·4	–	37·8	0·9	7·1	91	6·4	5	6	2	1	17	0	0	2	4	8	2	9	3	0	0	0	0	0	8	18	5	2	7	5	2	1	2	4	3
	S. Farnborough H	7	231	1022·0	+ 9·7	37·8	0·8	7·2	92	8·3	0	3	4	3	21	0	2	3	4	7	6	6	1	1	0	0	0	0	3	26	2	7	3	4	0	3	4	6	2
		13	231	1022·1	–	42·5	2·1	7·7	83	7·7	2	4	2	7	16	0	1	1	3	7	6	4	9	4	2	0	0	0	6	24	1	6	4	3	1	3	5	6	2
		18	231	1022·2	–	40·0	1·3	7·5	88	6·7	3	6	2	7	13	0	0	1	10	7	3	6	4	2	0	0	0	1	3	26	1	8	3	2	1	2	6	7	1
I. of Wight	Ventnor (Hosp.)	9	80	–	–	42·1	1·4	8·1	88	8·0	0	5	2	12	12	–	–	–	–	–	–	–	–	–	–	0	1	7	23	0	3	6	9	1	1	2	4	5
		15	80	–	–	44·4	2·2	8·3	83	7·2	0	6	5	7	13	–	–	–	–	–	–	–	–	–	–	0	1	7	21	2	2	5	7	1	3	2	5	4
		1	420	1022·3	•	37·5	0·7	7·2	93	6·3	6	4	4	5	12	1	0	2	3	3	5	10	7	0	0	0	0	10	19	2	2	6	6	5	1	3	6	5
Wiltshire	Amesbury H	7	420	1021·9	–	37·2	0·7	7·1	93	7·6	0	7	2	5	17	0	2	1	0	1	4	3	5	15	9	0	0	0	9	19	3	0	9	5	2	0	1	3	8
	(Boscombe Down)	13	420	1022·0	–	42·0	1·8	7·8	85	7·8	2	4	1	10	14	0	1	0	1	1	5	13	9	1	1	0	0	0	7	22	1	3	6	6	1	3	2	3	6
		18	420	1022·1	–	39·3	1·0	7·5	90	6·1	4	8	2	4	13	0	0	0	1	3	8	12	6	1	1	0	0	1	8	22	0	2	9	4	1	3	1	6	5
		9	444	1022·5	–	37·3	0·9	7·0	91	8·1	0	5	0	9	17	2	0	1	2	6	6	7	6	1	1	0	0	1	6	20	5	4	8	3	1	1	2	4	3
	Larkhill .. H	13	444	1022·0	–	41·6	1·4	7·9	87	7·7	2	3	2	8	16	0	0	0	0	9	4	11	4	3	3	0	0	1	5	23	2	4	8	4	0	3	1	6	3
		15	444	1021·8	–	41·1	1·5	7·7	87	7·6	2	3	3	10	13	0	0	0	0	7	3	14	4	3	3	0	0	1	5	24	2	4	8	3	1	1	3	5	4
7a ENGLAND, N.W.																																								
Lancashire	Hutton	9	86							7·8	0	4	2	20	5	–	–	–	–	–	–	–	–	–	–	0	0	2	14	15	0	1	1	3	2	7	0	2
	Manchester	9	127	1021·7	+11·2	38·5	1·2	7·0	89	7·2	1	6	1	10	13	–	–	–	–	–	–	–	–	–	–	0	0	3	21	7	0	2	2	7	0	8	2	3
	(Whitworth Pk.)	21	127	1021·2	–	39·5	1·4	7·1	87	7·5	3	2	4	6	16	–	–	–	–	–	–	–	–	–	–	0	0	4	21	6	0	2	3	1	4	2	6	5	2
	Southport †H	9	37	1022·0	+11·4	38·4	1·0	7·4	91	8·4	0	2	4	11	14	0	4	3	6	5	4	4	1	0	0	0	0	2	8	16	5	0	2	2	3	5	1	4	8	2
	(Bedford Rd. Park)	15	37	1020·7	–	41·0	1·4	7·9	88	7·9	0	5	4	6	16	0	3	5	5	5	3	6	1	3	0	0	0	2	12	11	6	1	0	2	2	5	1	4	8	2
		21	37	1021·0	–	38·6	1·2	7·3	89	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0	2	8	16	5	0	1	6	2	2	5	7	3	2
	Stonyhurst ..	9	381	1021·9	+11·2	38·1	1·2	6·9	89	8·1	2	1	4	5	19	0	0	2	2	2	4	17	3	1	0	0	0	1	3	25	2	2	9	1	2	1	6	6	2
		21	381	1021·5	–	38·7	1·3	7·0	87	7·2	5	1	4	5	16	–	–	–	–	–	–	–	–	–	–	0	1	7	23	1	4	7	2	0	2	7	8	0	4
Cheshire	Bidston Obs'y. ..	9	202	1021·9	+11·7	39·6	1·4	7·2	88	7·9	0	2	6	11	12	1	4	4	4	3	5	8	1	1	0	0	0	1	9	17	4	0	1	4	0	2	8	4	2
		1	261	1021·6	–	36·7	0·8	7·0	93	5·9	7	2	5	8	9	1	4	1	4	4	4	12	1	3	0	0	0	1	6	21	5	1	6	2	1	3	5	5	2
	Manchester H	7	261	1021·3	–	36·2	0·7	6·9	93	6·9	2	7	3	3	16	1	1	4	4	4	5	9	1	3	0	0	0	1	4	21	5	1	3	1	3	1	7	4	2
	(Ringway)	13	261	1021·5	–	40·9	1·4	7·7	87	7·8	2	2	2	15	10	0	2	1	5	2	7	13	1	0	0	0	0	1	6	19	5	3	1	3	1	7	4	5	2
		18	261	1021·4	–	39·0	0·9	7·5	91	6·3	4	7	1	8	11	0	5	2	3	4	6	10	1	0	0	0	0	0	9	16	6	0	3	1	4	4	5	6	2
7b NORTH WALES																																								
		1	19	1021·4	–	38·3	1·6	6·8	6	6·1	8	3	2	4	14	1	1	5	4	3	6	3	7	1	0	0	0	0	5	14	12	2	0	0	4	4	2	3	4
Flint	Sealand .. H	7	19	1021·2	–	38·1	1·4	6·9	87	7·2	3	3	4	18		1	0	1	6	4	7	4	2	1	0	0	0	1	4	16	11	3	0	0	5	2	2	3	5
		13	19	1021·4	–	42·5	2·6	7·3	78	7·3	4	3	5	9	10	1	0	1	6	4	4	5	1	1	0	0	0	1	4	19	7	1	0	1	2	6	2	2
		18	19	1021·3	–	40·3	1·6	7·3	84	6·6	5	4	1	7	14	0	0	5	8	2	2	7	2	2	0	0	0	0	4	13	14	1	1	1	1	4	3	1	4	2

†Visibility at Hesketh Park (at 9h. and 15h.); wind at Marshside. * Mean of hourly readings.

TABLE IV (*continued*)—Summary of Observations at fixed hours DECEMBER, 1943

DISTRICT, COUNTY AND PLACE			Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE		TEMPERATURE AND HUMIDITY				CLOUD AMOUNT						VISIBILITY									WIND, NUMBER OF OBSERVATIONS								
												NO. OF OBSERVATIONS					NUMBER OF OBSERVATIONS									FORCE (0-12)					DIRECTION							
																	FOG				MIST	POOR VIS.	MOD. VIS.	GOOD VISIBILITY											
			G.M.T.	ft	mb	mb	°F	°F	mb	%		0	1 to 3	4 to 6	7 to 9	10	0	1	2	3	4	5	6	7	8	9	8 or more	6 to 7	4 to 5	1 to 3	Calm	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
7b NORTH WALES—*cont.*																																			
Anglesey	Holyhead (Valley)	H	1	34	1021·2	–	40·7	1·3	7·8	88	5·2	6	8	2	7	8	0	0	0	1	1	7	7	6	9	0	1	4	4	18	4	0	4	5	0	2	6	5	5
			7	34	1021·1	+11·9	40·1	1·3	7·6	88	5·5	3	9	3	10	6	0	0	0	0	7	1	6	6	10	1	1	3	6	16	5	1	3	6	2	3	5	2	4
			13	34	1021·2	–	45·3	2·5	8·3	80	6·7	2	6	3	16	4	0	0	0	1	0	4	7	8	9	2	9	5	6	17	3	1	4	5	1	2	4	8	3
			18	34	1021·0	–	41·9	1·5	8·0	87	6·9	2	4	5	12	8	0	0	1	0	5	3	9	6	7	0	1	5	4	16	5	1	3	4	1	2	6	5	4
Carnarvon	Llandudno	..	9	33	1021·4	–					7·0	2	2	6	18	3	0	0	0	1	1	0	9	11	10	0	0	0	5	26	0	0	2	8	5	3	10	3	0
8a SOUTH WALES.																																			
Cardigan	Aberporth	.. ..	7	379	1021·8	–	39·2	1·4	7·3	87	5·9	4	7	3	10	7	0	0	0	0	0	5	6	16	4	0	0	1	8	20	2	2	1	8	3	4	5	3	3
			13	379	1021·8	–	43·1	2·2	7·8	81	6·6	1	7	4	9	10	0	0	0	0	0	1	1	18	7	4	0	0	0	11	18	2	1	4	4	4	3	3	2
			18	379	1021·7	–	41·7	1·8	7·8	85	6·9	1	7	2	9	12	0	0	0	0	1	4	5	13	7	1	0	1	7	19	4	2	2	3	5	2	3	8	2
Pembroke	St. Ann's Head	.. ..	1	152	1021·9	–	43·1	1·6	8·2	87	6·7	0	8	6	7	10	0	0	0	0	0	0	11	10	10	0	0	7	13	10	1	2	4	7	3	1	1	5	7
			7	152	1021·7	+11·	42·6	1·5	8·1	87	6·1	0	6	11	8	6	0	0	0	0	0	1	10	9	11	0	1	4	13	13	0	3	5	8	4	0	1	2	8
			13	152	1021·6	–	44·9	2·2	8·4	83	7·4	0	4	5	14	8	0	1	0	0	1	1	9	10	9	0	1	3	17	10	0	2	3	9	4	0	1	4	8
			18	152	1021·7	–	44·3	2·1	8·7	88	6·8	0	6	6	11	8	0	0	0	0	0	1	9	13	9	0	2	3	16	10	0	4	4	7	3	0	1	4	8
Radnor	Rhayader	.. ..	9	—	–	–	37·8	1·0	6·9	89	7·9	0	4	3	10	14	0	1	2	2	2	1	5	11	7	0	0	0	1	30	0	7	3	1	5	0	2	6	7
Glamorgan	Cardiff	.. ..	9	203	1022·8	+10·2	39·2	1·1	7·3	90	6·8	3	4	2	15	7	0	1	1	2	0	3	21	2	1	0	0	0	0	31	0	2	15	2	0	1	8	3	0
	St. Athan	..	1	147	1022·7	–	40·0	1·1	7·7	90	6·1	3	9	1	8	10	0	1	0	5	4	7	10	4	0	0	0	0	3	24	4	0	5	7	0	0	1	9	5
			7	147	1022·3	–	39·3	1·1	7·5	91	6·6	1	6	7	6	11	0	1	0	2	5	8	12	3	0	0	0	0	5	23	3	0	3	10	1	0	2	8	4
			13	147	1022·3	–	42·6	1·7	8·1	86	8·0	3	0	3	12	13	0	0	1	2	3	6	13	4	2	0	0	0	7	24	0	1	6	7	1	2	3	8	3
			18	147	1022·4	–	41·8	1·3	8·1	89	6·9	4	4	3	5	15	0	0	1	2	9	3	10	6	0	0	0	0	6	24	1	0	6	9	0	0	3	10	2
8b ENGLAND, S.W.																																			
Somerset	Bath	.. ..	9	113	1022·2	+ 9·9	38·9	1·4	7·0	87	6·4	6	3	3	7	12	0	2	1	6	4	6	11	1	0	0	0	0	0	23	8	1	5	6	0	1	3	2	5
	Bristol (Airport)	H	1	236	1022·6	–	38·0	0·9	7·2	91	6·7	2	7	3	6	13	0	1	4	1	3	10	10	2	0	0	0	0	3	24	4	1	6	4	1	2	4	5	4
			7	236	1022·2	–	37·5	0·9	7·1	91	7·7	1	5	3	4	18	0	2	3	1	4	5	14	2	0	0	0	0	4	21	6	1	5	3	2	3	1	8	2
			13	236	1022·3	–	42·0	1·8	7·7	84	8·2	0	4	2	10	15	0	2	0	1	4	5	19	0	0	0	0	1	4	24	2	1	9	2	2	2	3	8	2
			18	236	1022·3	–	39·9	1·2	7·6	89	5·7	3	10	3	4	11	0	1	3	2	7	2	15	0	1	0	0	1	3	24	3	1	5	4	2	3	4	7	2
Dorset	Holton Heath	H	9	58	1022·4	–	39·7	1·1	7·6	90	7·9	0	5	2	9	15	0	0	0	1	1	7	6	16	0	0	0	0	5	23	3	1	10	3	1	2	1	5	5
			15	58	1021·5	–	43·2	1·7	8·3	86	8·1	0	3	5	8	15	0	0	0	2	6	3	5	12	3	0	0	0	4	27	0	5	10	1	2	1	2	3	7
	Portland Bill	..	1	37	1021·6	–	43·1	1·5	8·3	88	8·1	0	1	6	9	15	0	0	0	0	0	0	0	24	7	0	0	0	24	7	0	2	14	1	1	1	3	4	5
			7	37	1021·2	+9·5	42·9	1·6	8·2	87	9·1	0	0	3	6	22	0	0	0	0	0	0	0	22	9	0	0	0	22	9	0	4	11	2	1	2	2	7	2
			13	37	1021·7	–	44·9	1·6	8·9	87	9·2	0	0	2	9	20	0	0	0	0	0	0	0	14	17	0	0	1	12	2	0	5	0	7	4	3
			18	37	1021·9	–	44·1	1·3	8·8	89	8·5	0	0	4	10	17	0	0	0	1	0	0	0	21	2	0	0	0	20	11	0	1	14	0	3	1	1	8	3
Devon	Hartland Pt.	..	1	305	1021·1	–	42·4	1·7	7·9	86	5·2	3	8	9	5	6	0	0	0	0	1	0	0	5	11	14	0	0	2	14	15	0	4	5	8	2	2	4	1	5
			7	305	1020·8	–	42·5	1·6	8·1	87	5·8	2	9	7	7	6	0	0	0	0	0	1	4	9	17	0	0	1	16	14	0	4	8	6	2	3	0	3	5
			13	305	1020·9	–	43·7	1·8	8·3	85	7·0	0	3	10	16	2	0	0	0	0	1	0	0	4	13	13	0	0	0	13	18	0	4	8	6	1	3	1	5	3
			18	305	1021·0	–	43·6	1·7	8·3	86	6·6	1	7	5	14	4	0	0	0	0	0	0	7	16	8	0	0	0	13	18	0	3	6	8	1	0	1	7	5
	Plymouth (Mount Batten)	H ..	1	27	1022·2	–	41·2	1·1	8·1	90	6·0	3	8	4	7	9	0	0	0	0	2	5	14	9	1	0	0	1	8	18	4	2	7	6	1	1	2	7	1
			7	27	1021·5	+9·3	41·1	1·1	8·0	90	7·3	1	4	5	9	12	0	0	0	0	5	3	15	7	1	0	0	0	8	19	4	2	4	8	4	0	1	3	5
			13	27	1021·8	–	45·0	1·9	8·7	85	8·0	0	3	5	10	13	0	0	0	0	2	3	11	12	3	0	0	0	12	19	0	2	6	8	1	2	4	5	3
			18	27	1022·1	–	43·7	1·4	8·7	88	7·0	0	7	4	7	13	0	0	1	0	6	5	15	4	0	0	0	1	9	20	1	1	7	7	0	1	3	5	6
Cornwall	The Lizard	..	1	240	1021·5	–	44·3	1·5	8·7	87	7·7	0	1	9	9	12	0	0	0	0	0	7	13	11	0	0	0	0	9	6	16	0	3	7	4	3	1	2	3	8
			7	240	1020·7	–	44·0	1·6	8·5	87	7·6	0	0	12	8	11	0	0	0	0	4	7	9	10	1	0	0	0	6	8	17	0	3	9	4	1	2	1	4	7
			13	240	1021·2	–	46·6	1·9	9·3	86	8·2	0	0	9	11	11	0	0	0	0	2	3	10	2	7	0	0	0	7	11	11	2	1	8	6	2	2	0	4	6
			18	240	1021·4	–	45·0	1·7	8·9	89	7·9	0	1	9	8	13	0	0	0	1	4	2	14	10	0	0	0	0	6	14	8	3	3	7	6	0	1	1	6	4
	Newquay	..	9	185	1021·3	+9·0	43·0	2·0	7·9	84	8·7	0	2	3	4	22	0	2	0	0	0	3	6	5	15	0	1	1	9	20	0	8	4	10	2	1	3	2	1
NORTHERN IRELAND																																			
Antrim	Aldergrove	H	1	271	1020·1	–	40·6	1·2	7·8	89	7·4	2	5	3	3	18	0	2	0	0	3	3	2	17	4	0	0	1	8	16	6	0	1	1	3	6	8	5	1
			7	271	1019·8	–	40·3	1·2	7·6	88	7·2	1	8	1	4	17	0	2	0	1	0	0	8	15	5	0	0	0	11	15	5	1	1	3	4	6	8	2	1
			13	271	1019·8	–	43·1	1·6	8·2	86	8·6	0	2	1	15	13	0	1	0	1	3	3	7	7	9	0	0	0	10	17	4	1	3	1	4	7	8	3	0
			18	271	1019·6	–	41·2	1·4	7·9	89	7·0	0	8	3	9	11	0	2	0	0	4	4	4	9	8	0	0	0	10	15	6	1	2	0	4	5	9	3	1
Armagh	Armagh	.. H	9	209	1020·5	+2·5	41·0	1·0	8·0	92	8·4	0	2	4	9	16	0	1	0	0	0	0	2	16	12	0	0	0	5	25	1	1	2	1	3	6	9	7	1
			21	209	1020·3	–	40·6	1·1	7·8	87	7·0	2	6	2	11	10	0	1	0	0	0	0	6	18	6	0	0	1	4	25	1	0	2	2	3	5	9	9	0
Scilly	St. Mary's	.. ..	1	199	1021·5	–	45·7	1·8	9·0	86	7·4	0	5	6	7	13	0	0	0	0	0	1	8	9	13	0	0	0	4	15	10	2	6	5	6	2	1	2	4	3
			7	199	1020·9	+9·0	45·5	2·0	8·2	79	7·7	0	2	8	10	11	0	0	0	0	0	0	7	9	15	0	0	0	3	19	9	0	6	5	6	3	4	1	2	4
			13	199	1021·3	–	47·6	2·3	9·3	83	8·3	0	1	4	14	12	0	0	0	1	0	1	8	3	18	0	0	0	3	17	11	0	7	6	5	2	2	2	4	3
			18	199	1021·5	–	46·3	2·0	9·1	85	7·7	0	3	6	13	9	0	0	0	0	0	0	8	6	17	0	0	0	4	16	11	0	5	6	6	3	0	2	6	3
GIBRALTAR		.. .. H	1	400	1018·2	–	53·1	2·4	11·7	84	6·6	2	4	7	12	6	0	0	0	0	0	0	3	1	10	17	1	10	11	8	1	0	6	4	0	0	2	14	4
			7	400	1018·1	–	52·5	2·2	11·6	85	7·0	1	4	5	20	1	0	0	0	0	0	0	0	3	18	10	2	7	13	7	2	0	4	4	0	0	4	11	6
			13	400	1017·9	–	56·6	3·8	12·0	76	7·4	1	2	4	18	6	0	0	0	0	0	0	0	3	12	13	1	12	12	6	0	0	7	4	0	0	4	16	0
			18	400	1017·9	–	54·7	2·9	12·0	81	6·8	1	5	5	15	5	0	0	0	0	0	0	1	5	8	17	1	10	12	7	1	0	5	4	0	0	7	13	1
MALTA		.. .. H	1	234	1019·1	–	58·3	3·1	13·6	81	4·7	2	14	4	7	4	0	0	0	0	0	0	3	4	24	0	0	0	10	19	2	1	2	3	6	4	4	5	4
			7	234	1018·9	–	58·3	2·8	13·9	83	7·1	0	5	4	19	3	0	0	0	0	0	0	1	5	19	6	0	0	10	21	0	3	0	5	8	1	5	5	4
			13	234	1018·0	–	62·2	4·7	14·3	74	7·1	0	2	10	17	2	0	0	0	0	0	1	0	2	21	7	0	0	14	17	0	7	2	4	6	3	4	2	3
			18	234	1018·5	–	59·5	3·5	13·9	79	4·2	1	15	7	6	2	0	0	0	0	0	0	0	7	22	2	0	2	9	20	0	3	3	4	8	1	4	3	5

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MONTHLY WEATHER REPORT OF THE METEORO

SUMMARY FOR THE YEAR 1943. INCLUDING MONTHLY AND ANNUAL TABLES OF WIND BASED UPON THE RECORDS OF AUTOGRAPHIC INSTRUMENTS
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SUMMARY FOR THE YEAR 1943

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1943—MILD; WET IN THE WEST, DRY IN THE EAST

The year 1943 was unusually wet in the Western Highlands and in parts of north-west England and north Wales and markedly dry over much of east England and locally in the Midlands. It was sunny on the whole in England and Wales and east and south Scotland, and dull over much of west and north Scotland. An outstanding feature of the weather was the mildness of the periods mid-January to June, and October: February and April were notably mild. Among other striking features were the unusually wet January in England and Wales, the exceptionally severe gale on April 7th, the large variations of pressure, temperature and weather in May, the hot spell at the end of July and the excessive rainfall in the north-west during the three consecutive months August to October, which damaged the harvest to some extent in those areas.

January was distinguished by excessive rainfall except in the north of Scotland where there was a deficiency. The first ten days were cold and the remainder of the month mainly mild. The gale of the 30th-31st was widespread and severe in England and Wales and caused extensive damage. The weather of February was very mild, with prevailing south-westerly to westerly winds. It was sunny, except in the north and extreme west of Scotland and dry on the whole in England and eastern Scotland but excessively wet in Sutherland and the Western Highlands. March was mild; it was dry except on high land in the west and north-west of Scotland and sunny in England and Wales. Many places in the eastern half of Britain experienced an absolute drought. The weather of April was characterized by unusual warmth: it was dry in England and Wales and excessively wet in the western and north-western Highlands of Scotland. The gales of the 7th and 25th-26th were widespread and severe. May was distinguished by large variations of pressure and temperature, long sunny periods and alternating dry and wet spells. Temperature, rainfall and sunshine all exceeded the average on the whole. The extremes of pressure were exceptional for May. The weather of June was mainly unsettled with rather frequent local thunderstorms during the first three weeks. In England improved conditions became established on the 21st and persisted for the most part until the end of the month. In the west and north of the British Isles the weather continued unsettled generally until the 25th.

July was dry on the whole and there was a considerable excess of sunshine except in the south of England. The last week was very warm, particularly the last two days: widespread thunderstorms occurred on the 31st. Broadly speaking the weather of August was unsettled and dull; it was wet on the whole in the west and north and dry in south-east and east England and the Midlands. September was unsettled: it was very wet in a belt extending from Devon and Cornwall across Wales to Durham and the East Riding of Yorkshire. Severe and rather widespread thunderstorms occurred from the 10th-14th. The weather of October was very mild and dull on the whole. It was excessively wet in the western and central districts of Scotland. Fog occurred frequently in some localities, particularly in inland districts of England. The weather of November was mainly unsettled but in spite of this, rainfall was generally below the average. Showers of sleet and snow occurred locally at times, chiefly from the 13th-18th and during the last week. December was distinguished by a marked deficiency of rainfall: fog developed fairly frequently, particularly at inland stations and mean temperature was below the average in England and Wales. There was a cold spell from the 11th-17th.

Pressure and Wind.—Mean pressure exceeded the average, the deviation at 7h. ranging from +0·3 mb. at Stornoway to + 3·1 mb. at Plymouth. The gradient for westerly winds was thus increased. Winds from between north and east were less frequent than usual and those from between south and west more frequent. In contrast to the four previous years there were more gales than usual at the majority of stations (see Table XI columns 2 and 3).

In January mean pressure was substantially below the average, the deviation at 7h. ranging from —4·7 mb. at Sumburgh to —11.9 mb. at Scilly. Winds from some southerly point were more prevalent than usual. Gales occurred fairly frequently at exposed stations, chiefly in the west and north. The gale of the 30th-31st was widespread in England and Wales and caused extensive damage. Mean pressure in February exceeded the average except in the Shetland Islands: the deviation from the average at 7h. ranged from —2·7 mb. at Sumburgh to + 11·0 mb. at Scilly. The gradient for westerly winds was thus greatly increased; winds from south-west and west predominated and gales occurred frequently at exposed stations, particularly in the northern half of the country. In March pressure considerably exceeded the average, the excess ranging from 4·7 mb. at Scilly to 9·0 mb. at Tynemouth and Spurn. There was an excess of winds from between west and south in the northern half of the country and gales occurred frequently at exposed stations in the north of Scotland and off the east coast of Scotland. A widespread gale occurred on the 30th-31st. Mean pressure in April exceeded the average except in the extreme north; the deviation at 7h. ranged from —3·9 mb. at Sumburgh to + 8·3 mb. at Plymouth and Scilly. The pressure gradient was thus greatly increased, south-westerly to north-westerly winds predominated and the month was windier than usual. The gales of the 5th-7th and 24th-26th were widespread and severe. Mean pressure in May slightly exceeded the average except in the Shetland Islands. The month was remarkable for large variations of pressure: on the 8th pressure at mean sea level fell to 968 mb. over north Wales, and on the 16th it rose to 1,042 mb. at Dublin. As far as can be ascertained these values are records in the British Isles for more than 50 years for both low and high pressures in May. The most widespread gales occurred from the 8th-10th. In June mean pressure was not

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very different from the average in Scotland and somewhat exceeded the average in England, the deviation at 7h. ranging from —0·8 mb. at Stornoway to + 4·0 mb. at Plymouth. Broadly speaking the prevailing winds were from between south and north-west. The total run of the wind was greater than the average in the south of England but less than the average in the north of the British Isles.

Mean pressure in JULY slightly exceeded the average except at the Scilly Isles. Only three of the anemometer stations recorded a mean hourly velocity of more than 38 m.p.h. A heavy line squall occurred in the London area on the evening of the 31st. In AUGUST mean pressure was somewhat below the average, the deviation at 7h. ranging from —3·1 mb. at Eskdalemuir to —0·7 mb. at Plymouth. The month was windier than the average in parts of England. In SEPTEMBER mean pressure was a little below the average, the deviation at 7h. ranging from —0·6 mb. at Plymouth and Lympne to —3·2 mb. at Stornoway. Gales were reported on a number of days, particularly in Scotland. The gale on the 28th was rather widespread in England. Mean pressure in OCTOBER was below the average in the west and north and very slightly above over most of England: at 7h. the deviation ranged from —6·5 mb. at Stornoway to + 1·3 mb. at Spurn, Yarmouth and Lympne. The pressure gradient was increased, particularly over Scotland and Ireland and winds from a southerly point predominated. Gales occurred fairly frequently in northern districts: a widespread gale occurred on the 19th. In NOVEMBER mean pressure exceeded the average, the excess being greatest in the west. In Britain the deviation at 7h. ranged from + 4·9 mb. at Tiree to + 0·6 mb. at Yarmouth and winds from some westerly or northerly point were more prevalent than usual. Gales were frequent in the west and north-west, being reported on 10 days at Holyhead, 7 days at St. Ann's Head and 6 days at Duntuilm, Point of Ayre and Castlerock. Mean pressure in DECEMBER substantially exceeded the average, the excess at 7h. ranging from + 9·2 mb. at Lympne to + 12·2 mb. at Tynemouth. Strong winds and local gales were recorded from the 17th-22nd and gales occurred locally in the extreme north between the 25th and 30th. On the whole, however, the month was less windy and there were fewer gales than is usual in December.

Noteworthy Gales.—During a gale on January 11th a mean hourly velocity of 59 m.p.h. was registered at Pendennis Castle. In a widespread and destructive gale on January 31st, a mean hourly velocity of 60 m.p.h. occurred at Pendennis Castle and Plymouth. Gales were reported frequently in February: on the 6th, a mean hourly velocity of 62 m.p.h. was recorded at Bell Rock Lighthouse; on the 15th a gust of 86 m.p.h. was registered at Liverpool and one of 83 m.p.h. at Aberdeen (a record there); on the 19th a mean hourly velocity of 60 m.p.h., with a gust of 95 m.p.h. occurred at Lerwick; on the 28th a gust of 85 m.p.h. was registered at Lerwick. The most notable gale of the year occurred on April 7th. At Bell Rock Lighthouse a mean hourly velocity of 60 m.p.h. was recorded, while gusts of 91 m.p.h. were registered at Eskdalemuir, Manchester (Ringway) and Spurn Head and 88 m.p.h. at South Shields. These gusts were the highest on record for the stations concerned: they were the more remarkable because of the season and the time of day at which they occurred, namely in the forenoon. In a gale on April 18th a gust of 85 m.p.h. was registered at Lerwick and during a widespread gale from April 24th-26th, a gust of 88 m.p.h. was reported at Bell Rock Lighthouse on the 25th. Widespread gales occurred from May 8th-10th: on the 9th a mean hourly velocity of 63 m.p.h. and a gust of 85 m.p.h. were recorded at Bell Rock Lighthouse and a mean hourly velocity of 61 m.p.h. was registered at St. Mary's, Scilly on the 8th. In a widespread gale on October 19th, a gust of 84 m.p.h. was recorded at Plymouth.

Temperature.—Mean temperature appreciably exceeded the average, the excess ranging from 1·1°F. in Scotland, N. and W. to 1·5°F. in the Midlands and in Northern Ireland. The long run of months with a mean temperature above the average was remarkable: in England and Wales, apart from September, when there was a very slight deficiency, temperature exceeded the average in each month from January to November. There were few really hot spells, however, the most notable being the last week in July, particularly the last day when temperature rose to 90°F. at many places in England. June 28th-30th was very warm especially in the west and north, and May 14th in England. February was very mild and April warm, the latter being the warmest April on record over Britain as a whole, while October was the warmest October over Great Britain generally since 1921. Cold spells included January 1st-10th, May 7th-11th, November 17th-27th and December 11th-17th. The night of September 26th-27th was notably cold for the season.

In JANUARY the deviation from the average mean temperature for the districts ranged from —0·4°F. in Scotland, E. to +2·5°F. in England, S.W. The first ten days were generally cold and the remainder of the month mild, particularly the last fortnight. Mean temperature in FEBRUARY was notably high; the deviation from the average exceeded 3°F. in each of the three countries. Day temperatures of 55°F. or above were registered on most days from the 11th-28th. Mean temperature in MARCH exceeded the average by 3·1°F. in Scotland, 2·9°F. in Northern Ireland and 2·3°F. in England and Wales. Among the warmest days, when temperatures of 60°F. or somewhat higher were recorded in some places were the 1st, 2nd, 6th, 16th-18th, 23rd-27th, 30th and 31st. Severe frost in the screen (minimum temperature 25°F. or below) was registered locally on numerous occasions, for example the 8th, 10th, 12th-16th and 21st-23rd. Mean temperature in APRIL was exceptionally high. Westerly winds predominated and although some days were very warm the high mean temperature was largely due to warm nights. Mean temperature in MAY somewhat exceeded the average, the deviations for the districts ranging from +0·1°F. in Scotland, W. to +2·3°F. in England, E. There were large variations of temperature; the period 7th-11th was cold, and it was very warm over most of England on the 14th and in Scotland on the 18th-19th; for example, at Croydon the maximum on the 10th was 51°F., while on the 14th, only four days later, it was 85°F. In JUNE mean temperature somewhat exceeded the average, the excess being greatest in Scotland, E. and England, N.E. where it amounted to 1·5°F. A cool spell occurred from the 13th-18th. Warm, close weather occurred from about the 9th-12th and high temperatures were registered at times in the last week, particularly in the west and north from the 28th-30th.

In JULY the deviation from the average mean temperature ranged from —0·7°F. in Scotland, E. to + 1·0°F. in the Midlands and England, S.W. The opening days were rather warm and the last week very warm, particularly the last two days. On the 31st temperatures around 90°F. were widely registered in England, while values of 85°F. or above were recorded locally in Scotland. The reading 91°F. at Kew Observatory was the highest for July in the Observatory's long record. Mean temperature in AUGUST was below the average in Scotland and Northern Ireland and somewhat exceeded the average on the whole in England. The deviations for the districts ranged from —1·3°F. in Scotland, N. and E. to + 1·2°F. in England, E. It was warm on the 1st and during the period 16th-20th; during these periods temperature reached or somewhat exceeded 80°F. at a number of places in England, particularly in the east and south-east. On the whole, however, there were few really warm days, especially in the west and north. In SEPTEMBER mean temperature was about average on the whole, but it was below the average in south-west England. The first half of the month was warm, particularly the 9th-14th: a rather cold spell occurred roughly from the 19th-28th, night minimum temperatures in particular being low. The night of the 26th-27th was notably cold. Mean temperature in OCTOBER exceeded the average, the deviations for the districts ranging from + 1·2°F. in England, N.E.; E. and S.W. to + 3·4°F. in Scotland, N. It was the mildest October over Britain as a whole since 1921, although in England and Wales, 1930 was nearly as mild. In NOVEMBER mean temperature somewhat exceeded the average generally, but it was slightly below in the south-east. The deviations for the districts ranged from —0·4°F. in England, S.E. to + 1·5°F. in Northern Ireland. The first five or six days were very mild, but the period 13th or 14th to 27th was mainly cold, though day temperature was high in Scotland on the 20th. In DECEMBER mean temperature very slightly exceeded the average in the northern half of the British Isles but was below the average in the southern half: it was mainly cold from about the 5th-17th, particularly from the 11th-17th. The highest day temperatures were most widespread during the Christmas period, although the 1st and 18th were also warm days in some parts of England.

The extremes for the year were:—(England and Wales) 93°F. at Worcester and Croydon on July 31st, 13°F. at Buxton on January 8th; (Scotland) 88°F. at Dunbar and North Berwick on July 31st and 7°F. at Braemar on January 5th; (Northern Ireland) 88°F. at Armagh on July 31st, 26°F. at Aldergrove on January 4th and at Garvagh on December 13th.

The following table gives the monthly deviation from the average temperature in °F. for (a) England and Wales, districts 2, 3, 4, 5, 7 and 8 and (b) Scotland, districts 0, 1 and 6.

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
(a)	+1·3	+3·1	+2·3	+5·3	+1·4	+0·9	+0·5	+0·7	—0·1	+1·6	+0·3	—1·2
(b)	—0·2	+3·5	+3·1	+3·9	+0·6	+1·1	—0·3	—1·1	0·0	+2·6	+0·5	+0·4

Precipitation.—The general precipitation expressed as a percentage of the average for the period 1881-1915 was 94 over England and Wales, 108 over Scotland and 105 over Northern Ireland.

In Scotland, less than the average occurred over most of the eastern side south of Dornoch Firth, locally in Ayrshire and around Ullapool, while less than 90 per cent. was measured in the eastern Grampians and in a coastal strip from Edinburgh to the border. More than 120 per cent. was received over most of Argyll and neighbouring parts of Inverness-shire and Perthshire and locally in Stirling, Renfrew and Lanark, as well as over a small area in Sutherland. More than 130 per cent. of the average was confined to a large part of Argyll. In England and Wales less than the average occurred over the eastern half of England, the Midlands, Cornwall, most of the country bordering the Bristol Channel and at a few places in mid-Wales. Less than 80 per cent. was received in a broad belt from Reading and Cheltenham to Norfolk and Suffolk, as well as around Nottingham and Harrogate. On the other hand more than 120 per cent. was registered in a number of rather small areas in north Wales and north-west England. In Northern Ireland somewhat more than the average occurred over nearly the whole area, percentages of the average ranging from 99 at Armagh and 100 at Ballymena to 119 at Londonderry. The contrast in the rainfall of 1943 in going from west to east of Britain is illustrated by the following totals; in the west, Poltalloch (Argyll) 70 in., Grasmere 104 in., and Holne (S. Devon) 66 in., in the east North Berwick 22 in., Wellingborough 17 in., and Bury St. Edmunds 20 in.

The table gives the monthly rainfall expressed as a percentage of the average:—

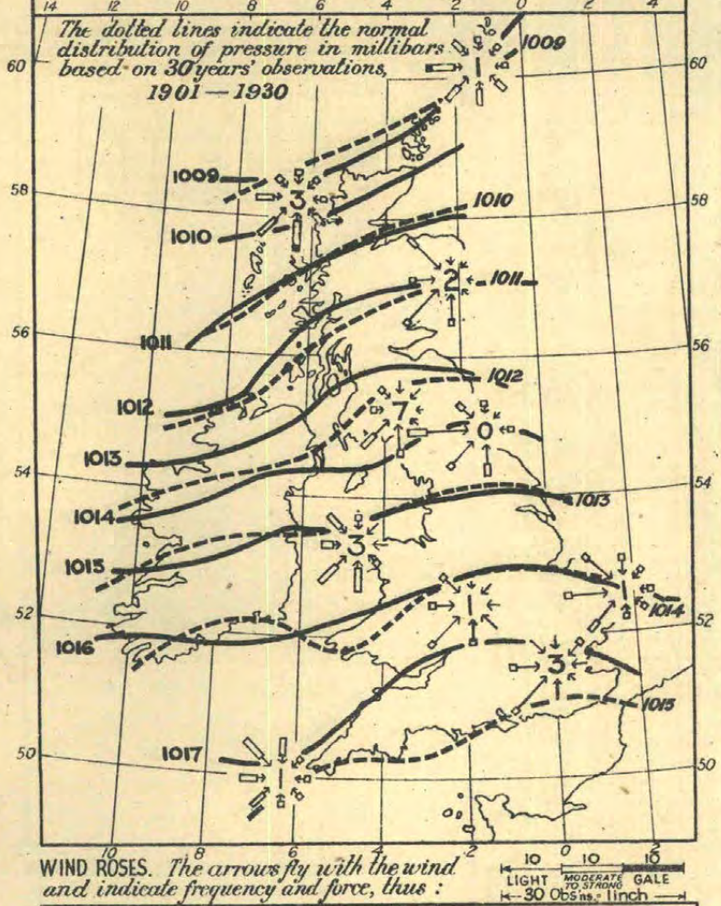
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
England and Wales:	209	70	38	68	142	94	79	97	133	86	80	54
Scotland:	120	119	66	133	142	131	82	132	115	151	83	55
Northern Ireland:	153	88	49	111	149	132	73	140	109	109	94	69

It will be seen that over England and Wales only three months had more than the average rainfall, namely January, May and September, and of these January was notably wet: it was in fact the third wettest January on record, that is since before 1868. In north and west Scotland and in north-west England the three consecutive months August to October were all wet and this caused considerable damage to the harvest in some parts. Over Great Britain as a whole compared with the average the driest months were March and December. Many places in the eastern half of Britain experienced a long period of absolute drought in the spring; for example, there was an absolute drought at Worthing from February 15th-March 22nd, at Hull from February 11th-March 23rd, and at Bury St. Edmunds from February 16th-March 24th. The first half of April was also dry and with the dry period noted above constituted a prolonged partial drought in some districts of England; at Kew Observatory only 11 mm. were registered from February 16th-April 18th, giving a partial drought of 62 days. Another period of absolute drought was widely reported in the Midland Counties of England during the latter half of June and the first week of July. The drought lasted from 15 days at some stations to 20 at others.

(*Continued on page* 173).

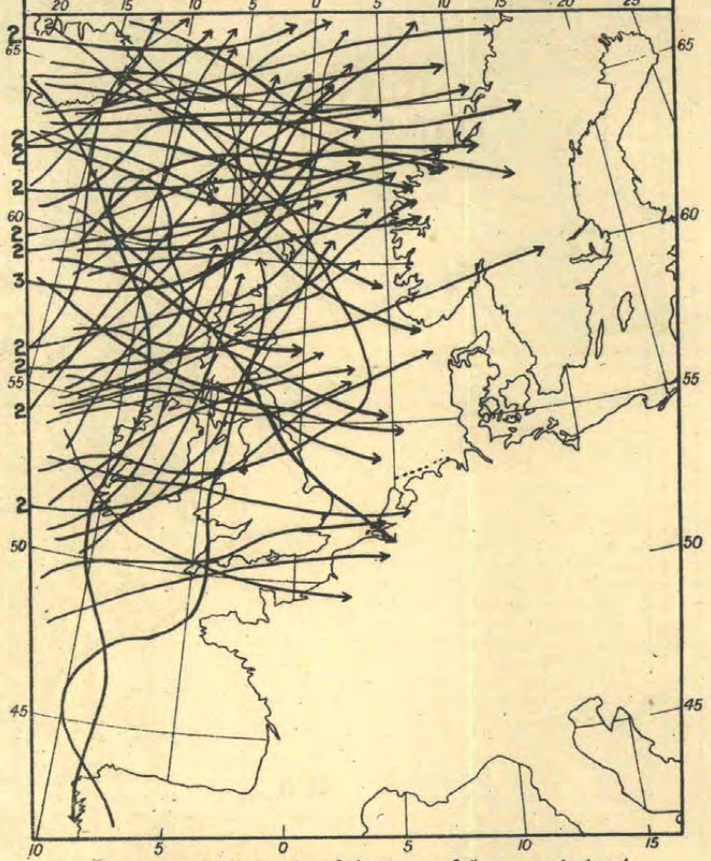
ANNUAL WEATHER CHARTS YEAR 1943

1. WIND AND MEAN PRESSURE. 7A.M.



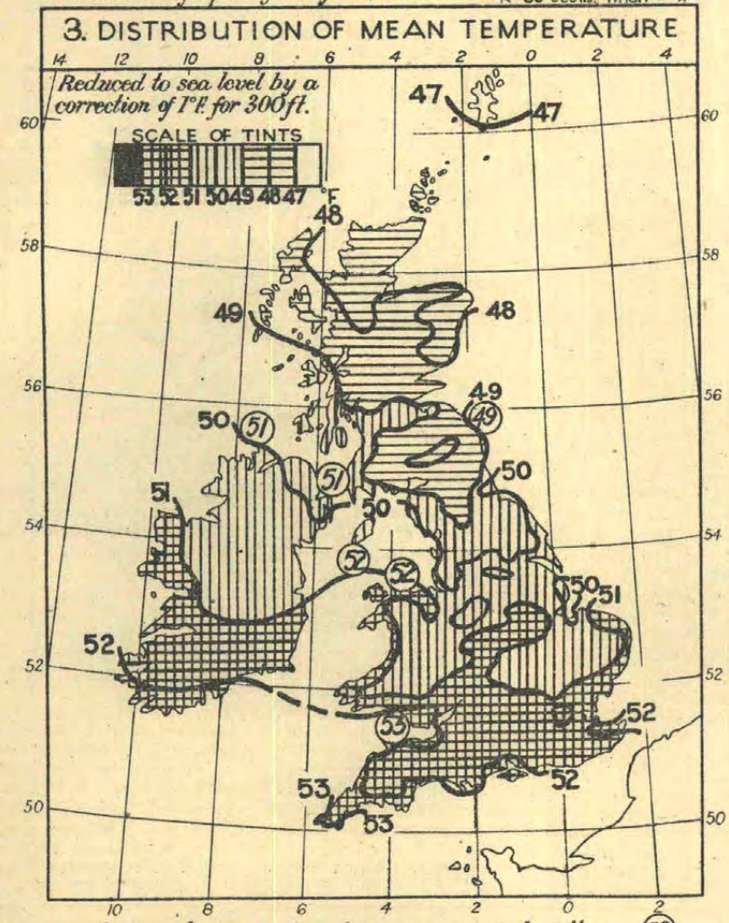
WIND ROSES. The arrows fly with the wind and indicate frequency and force, thus :

2. MOVEMENTS OF DEPRESSIONS.



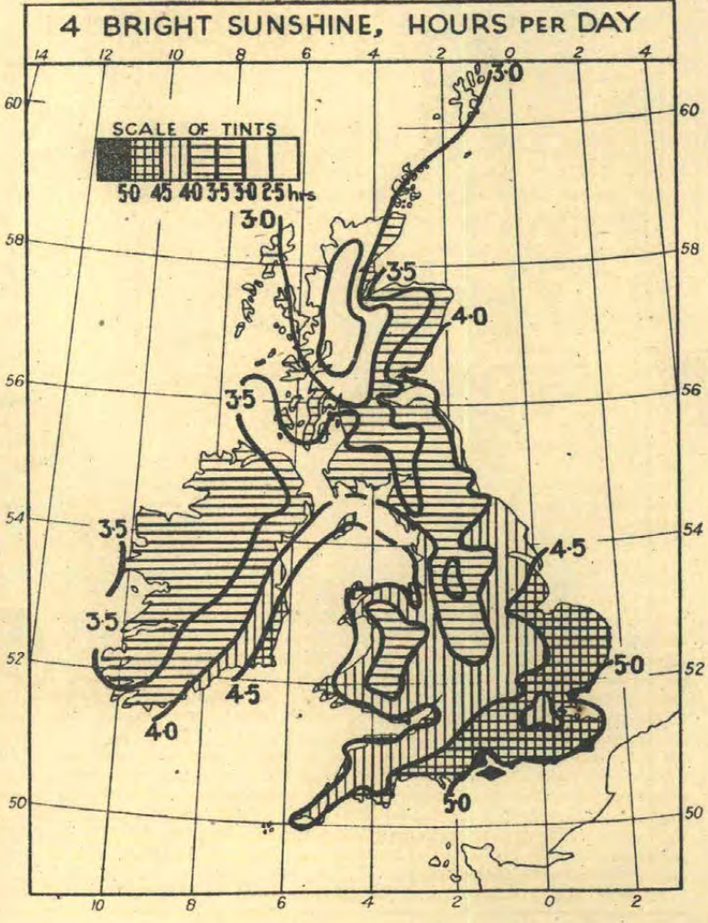
The figures indicate the number of depressions following each track. A number of tracks have been omitted.

3. DISTRIBUTION OF MEAN TEMPERATURE



Sea temperatures are shewn by figures in circles, thus : (50)

4 BRIGHT SUNSHINE, HOURS PER DAY



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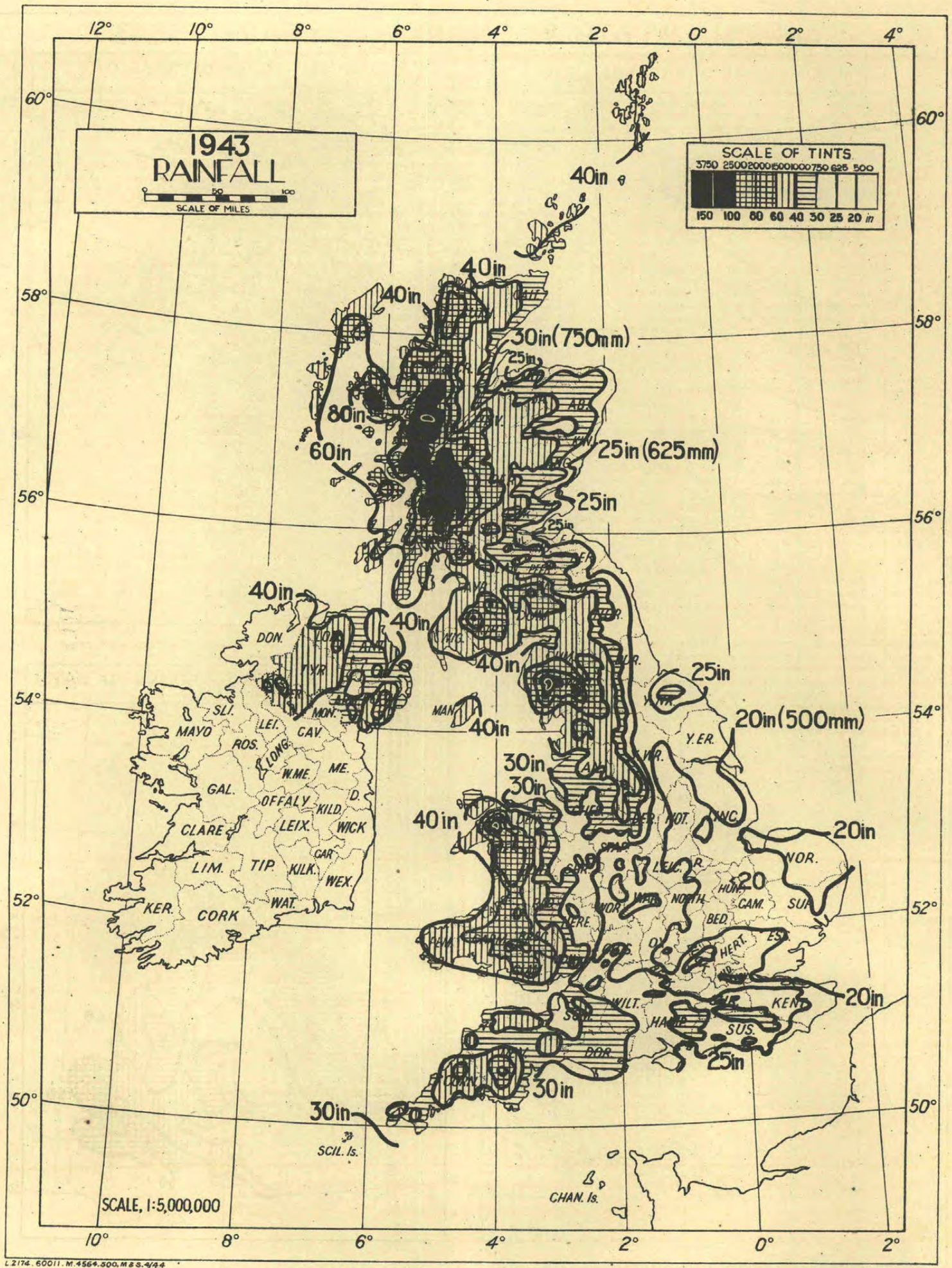
L.2147.



L 2174. 60011. M. 4564. 300. M & S. 4/44

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

Among heavy falls in 24 hours were :—

Feb.	5th ..	3·63 in. near Blaenau Festiniog (Merioneth).
Feb.	11th ..	3·55 in. at Benmore (Loch Eck).
June	18th ..	4·24 in. at Machynlleth (Montgomery) and 3·92 in. at Blaenau Festiniog.
Sept.	4th ..	4·40 in. at Fofanny Reservoir, Mourne mountains.
Oct.	3rd ..	4·26 in. at Kaim Dam (Renfrewshire) and 4·20 in. at Lennoxtown (Stirlingshire).
Oct.	5th ..	4·36 in. at Kinlochquoich (Inverness-shire) and 4·22 in. at Conaglen (Ardgour).

Thunderstorms.—Broadly speaking thunderstorms occurred less frequently than usual in north Scotland, the English Midlands, north-west England and Wales and more frequently than usual in the eastern districts of Britain, south Scotland and south-west England.

They were reported locally at times in each month. Local thunderstorms occurred rather frequently for the season in January and November : they were widespread on January 29th-30th. Thunder was somewhat infrequent in March and April. Thunderstorms occurred on numerous occasions in the summer months. They were widespread from June 14th-16th, July 6th-8th, July 31st-August 1st, September 10th-14th and Oct. 20th-21st. The storms of June 15th-16th were accompanied in some parts by unusually heavy hail : near Lowestoft some of the stones were nearly as large as golf balls. The thunderstorms on July 31st were associated locally in England with line squalls. During the severe thunderstorms on September 10th-14th heavy rain caused considerable flooding and there was local damage due to lightning.

Snow.—In comparison with the three preceding winters the snowfall of the first three months of 1943 was small. Snow or sleet was reported from January 1st-10th and on the 31st. At Bellingham, Northumberland, 849 ft. above mean sea level, there was a fall of 5 in. of snow on the 2nd and it lay to a depth of 4 in. from the 3rd-10th ; at Harrogate it was 4 in. deep on the 10th. In Scotland, West Linton had 4 in. on the 2nd ; about 7 in. fell on the Ochil Hills on the 31st. Little snow fell in February. There were fairly widespread falls of snow in Scotland from March 11th-13th but it did not lie to any appreciable depth. A good deal of snow was reported from May 8th-10th : it was widespread in Scotland and occurred as far south as central Ireland, Yorkshire and the Pennines. Snow was 6 in. deep at Douglas, Isle of Man and 3 in. at Duntuilm, Skye on the 9th and 4 in. deep at Newton Rigg on the 10th. The storm was particularly severe in Aberdeenshire : snow drifts to a depth of 7 feet blocked the Braemar-Perth road at Cluny Lodge. The first snow of autumn fell on the hills near Fort William and in Shetland on September 20th. Showers of sleet or snow were reported at times in November, chiefly from the 13th-18th and during the last week. Braemar had 2 in. of fresh snow on the 25th and Garbat (Ross-shire) 3 in. on the 26th. Slight snow fell over a wide area in the south-east of the British Isles on December 11th. In Scotland, snow was rather widespread on December 18th and 19th, the falls being heaviest on Deeside, where about 6 in. was reported : snow also fell widely in the north of Scotland on the 30th and 31st.

Sunshine.—Sunshine appreciably exceeded the average in England and Wales and somewhat exceeded the average on the whole in east and south Scotland. Over Northern Ireland generally the duration was equal to the average and in north and parts of west Scotland there was a marked deficiency, particularly in the Great Glen and the Western Islands. The percentages of the average for the districts ranged from 93 in Scotland, N. to 113 in England, N.E. (See Table I.) Broadly speaking the mean daily duration of sunshine in hours ranged from less than 2·5 in the Great Glen in Scotland to 5 or more locally on the south-east coast of England. With regard to individual months over the country as a whole, compared with the average the sunniest months were February, May and July, and the dullest was August. February was notably sunny except at some stations in the north and north-west of Scotland : at a number of stations in east Britain it was the sunniest February in their records. There was, however, a strong contrast between the west and east of Scotland and at Stornoway it was the dullest February in a record back to 1881. In May the excessive sunshine was general except at some stations in the extreme west and north of Scotland. July was particularly sunny in Scotland, Northern Ireland and north-west England : sunshine was appreciably below the average, however, in some parts of southern England. In Scotland and Northern Ireland sunshine was abundant during the period July 16th-24th, while in the eastern half of England and the Midlands the last week was very sunny. Of the remaining months January was dull on the whole except in Northern Ireland and the north of Scotland, March was sunny except in Northern Ireland and north Scotland, April was sunny in England and east Scotland but dull elsewhere. In June sunshine was about average on the whole in England and Northern Ireland and below average in the west and north of Scotland, September was dull in the west, and about average in the east, October was rather sunny in Northern Ireland and north-west England and dull in north and west Scotland, November was sunny on the whole in England and in Scotland, south of a line drawn from Aberdeen to Islay, and mainly dull elsewhere. In the closing month sunshine was deficient in Northern Ireland and over much of Scotland, but excessive on the whole in England and at scattered stations in the north and west of Scotland.

The table below gives the monthly percentage of the average sunshine for (a) England and Wales, districts 2, 3, 4, 5, 7 and 8 and (b) Scotland, districts 0, 1 and 6.

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
(a)	92	129	115	111	125	102	109	91	99	98	111	111
(b)	94	101	104	90	109	92	126	82	93	83	98	106

Fog.—On the whole fog was less prevalent in 1943 than usual in Scotland and also in parts of England, particularly at some coastal stations : it occurred frequently, however, at inland stations in England, especially in large towns.

In January fog developed fairly frequently mainly from the 4th-11th, 14th, 16th and 19th-24th : it was thick at times and persistent locally at times. In February fog was infrequent for the time of year, notably so in Scotland : the chief periods of fog (mainly in England) were the 19th-23rd and 25th. In March also fog was infrequent in Scotland but developed on numerous occasions inland in England. There was little fog in April and not a great deal in May and during the latter month it occurred most frequently on the south-west coasts and in north-east districts of Britain. There was not a great deal of fog during the summer months : in June it was most frequent in the south-west and in the extreme north of Scotland ; in July it was rather persistent on the south-west coasts on the 11th and somewhat widespread on the 23rd. The main periods of fog in September were the 9th-14th, 19th and 29th-30th. In the last quarter of the year there was considerable fog at inland stations in England ; the chief periods of fog were Oct. 8th-16th and 23rd-31st, November 1st-4th, 8th-10th, 19th-22nd and 26th-28th and December 1st-18th, 24th-28th and 31st. In Scotland there was less fog than usual in October and November, but it developed fairly frequently in December.

Miscellaneous Phenomena.—The aurora was seen in Scotland in each month except June and July. It was observed most often in September, namely on 22 nights. The finest display occurred on the night of March 29th-30th, when it began before it was quite dark and continued until dawn. On February 25th the phenomenon was observed as far south as Stonehouse, Gloucestershire. During a thunderstorm at Lowestoft on June 15th hailstones 1·5 in. in diameter, that is nearly as large as golf balls, were collected and on July 31st a line squall accompanied thunderstorms in the London area. A small whirlwind was observed near King's Stanley, Glos., about July 15th. A waterspout was seen at Stornoway in the Northern Hebrides on June 15th.

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Note. *It has not been possible to print the tables in strict sequence.*

TABLE I.—DISTRICT VALUES FOR THE WHOLE YEAR, 1943. [1908, REVISED 1928 AND 1941.]

DISTRICTS.	AIR TEMPERATURE			EARTH TEMPERATURE		RAINFALL		SUNSHINE.	
	Highest.	Lowest.	Daily Mean Difference from Average.	At 1 ft. Difference from Average.	At 4 ft. Difference from Average.	Percentage of Average.	No. of Days Difference from Average.	Percentage of Average.	Percentage of Possible Duration.
	°F.	°F.	°F.	°F.	°F.	%		%	%
0. SCOTLAND, N.	81	11	+1·1	—	—	111	+15	93	24
Eastern.									
1. SCOTLAND, E.	88	7	+1·2	—	—	93	—13	103	30
2. ENGLAND, N.E.	89	15	+1·4	(+1·4)	+0·7	85	—24	113	35
3. ENGLAND, E.	89	18	+1·4	+0·8	(+0·7)	82	—31	105	38
4. MIDLAND COUNTIES	93	13	+1·5	+1·2	+1·2	84	—30	110	34
5. ENGLAND, S.E.	93	20	+1·2	+1·3	(+1·4)	84	—32	105	38
Western.									
6. SCOTLAND, W.	86	12	+1·1	+1·1	+0·7	119	+24	99	28
7. ENGLAND, N.W. (*and N. Wales*)	90	17	+1·2	+1·2	+1·3	110	+ 6	111	35
8. ENGLAND, S.W. (*and S. Wales*)	89	18	+1·3	+0·9	+1·2	96	— 3	100	35
NORTHERN IRELAND	88	26	+1·5	—	—	104	+28	100	30
MEAN 0, 1, 6	—	—	+1·1	—	—	—	—	98	27
MEAN 2, 3, 4, 5, 7, 8	—	—	+1·3	—	—	—	—	107	36

TABLE II.—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND—THE YEAR 1943. [1914].

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

TABLE III.—SUMMARY of the RECORDS of TEMPERATURE, RAINFALL and SUNSHINE, and of WEATHER OBSERVATIONS, YEAR 1943.

DISTRICT, COUNTY AND PLACE.		Terminal Hours of Observation. Max.	Min.	Rain.	Height of Station above Mean Sea Level.	AIR TEMPERATURE IN DEGREES FAHRENHEIT. Means of A Max.	B Min.	Mean of A and B.	Difference from Average.	Absolute Maximum and Minimum. For Dates *see* Table V.		Earth Temperature. 1 ft.	4 ft.	RAINFALL. Total Fall. mm.	in.	Percentage of Average.	Most in a day. Amount. in.	Date.	WEATHER. Number of days. Precip'n. ·01 in. (0·2 mm.) or more.	·04 in. (1 mm.) or more.	Snow.	Snow lying.	Hail.	Thunderstorm.	Fog(Morn'g Obs.)	Ground Frost.	Gale.	BRIGHT SUNSHINE. Hours per day. Daily Mean.	Percentage of Average.	of Possible.
0. SCOTLAND, N.		G.M.T.			ft.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	mm.	in.	%	in.											hr.	%	%
Shetland.	Baltasound ..	9	9	9	31	50·7	41·9	46·3	+1·2	65	25	46·7	—	1252	49·31	117	1·08	13 Sept.	311	230	32	17	17	1	—	—	35	2·76	*97*	22
	Lerwick Obsy. ¶§	9	9	9	269	50·0	41·9	45·9	+1·4	64	24	—	—	1088	42·81	112	1·15	9 May	257	194	34	11	27	6	12	53	67	2·97	*100*	24
	Sumburgh (Links)	18	7	7	19	50·1	44·1	47·1	—	61	28	—	—	978	38·51	—	1·09	31 July	251	182	36	12	53	5	5	34	67	2·97	*100*	24
Orkney.	Kirkwall ¶§	9	9	9	113	51·3	43·0	47·1	+1·2	68	28	47·0	—	1013	39·86	108	·86	31 July	261	201	28	5	17	5	5	42	14	3·05	96	25
Hebrides.	Benbecula ..	18	7	7	27	52·5	44·9	48·7	—	71	30	—	—	1296	51·01	—	1·02	23 Nov.	271	226	15	2	40	8	3	18	45	—	—	—
	Castlebay ..	9	9	9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Stornoway ¶§	18	7	7	12	52·4	43·3	47·9	+1·1	66	25	—	—	1281	50·47	107	1·23	1 Oct.	263	209	20	10	52	5	4	42	74	2·93	88	24
Skye.	Duntuilm ..	9	9	9	294	51·8	43·7	47·7	—	68	27	—	—	1493	58·79	—	1·61	30 July	275	246	17	3	45	14	6	38	53	2·97	—	24
Caithness.	Wick ..	18	7	7	114	51·7	42·5	47·1	+1·4	71	18	—	—	795	31·31	105	1·02	31 July	230	167	22	4	34	2	11	39	23	—	—	—
Sutherland.	Cape Wrath ..	18	7	7	367	50·3	43·0	46·7	—	66	29	—	—	1272	50·09	—	1·27	1 Oct.	268	227	12	12	55	5	23	16	28	—	—	—
Ross & Cromarty.	Achnashellach ..	9	9	9	225	53·4	41·1	47·3	+0·9	79	21	—	—	2350	92·54	116	2·36	31 Dec.	290	259	60	14	2	5	2	—	0	—	—	—
	Fortrose ..	9	9	9	69	54·3	42·3	48·3	+1·3	74	25	—	—	701	27·58	—	1·15	23 May	222	138	26	7	7	4	3	—	5	3·33	*92*	27
	Invergordon ..	18	7	7	26	53·9	41·4	47·7	—	75	13	—	—	727	28·63	—	1·13	23 May	195	143	28	2	19	4	3	91	16	—	—	—
Inverness.	Dalwhinnie ..	18	7	7	1176	50·1	38·6	44·3	—	78	11	—	—	1416	55·76	—	1·34	25 April	258	200	56	29	5	2	3	118	1	2·80	—	23S
	Ft. Augustus ¶§	9	9	9	68	53·7	41·7	47·7	+1·4	76	18	—	—	1381	54·38	123	1·33	11 Feb.	269	205	9	8	6	3	3	—	10	2·32	*85*	19S
	Ft. William ..	9	9	9	34	53·9	42·7	48·3	+1·1	80	25	48·7	49·0	2359	92·87	118	3·12	5 Oct.	270	232	8	7	18	5	1	46	2	2·31	*81*	19S
	Inverness ¶§	9	9	9	242	53·0	41·9	47·5	+0·5	79	22	—	—	721	28·41	103	1·02	23 May	197	158	41	11	8	2	0	51	0	3·30	*96*	27
	Onich	9	9	9	48	54·0	42·7	48·3	—	81	25	—	—	2409	94·89	130	2·33	11 Feb.	292	250	12	9	16	4	0	87	0	2·14	*75*	17S
1. SCOTLAND, E.																														
Nairn.	Nairn .. ¶§	9	9	9	20	54·0	42·2	48·1	+1·3	74	22	—	—	577	22·70	91	1·00	23 May	180	122	35	4	19	4	4	83	7	3·61	*103*	29
Moray.	Forres	9	9	9	155	55·0	41·2	48·1	—	75	23	—	—	616	24·26	—	·98	23 Oct.	166	140	9	10	0	2	1	113	0	3·88	—	32
	Gordon Castle ..	21	21	9	104	54·5	41·5	48·0	+1·1	82	23	—	—	686	27·02	91	1·40	8 May	182	138	10	9	11	3	—	—	—	—	—	—
	Lossiemouth ..	18	7	7	104	53·8	41·7	47·7	—	76	20	—	—	592	23·30	—	1·07	27 Sept.	181	129	29	3	21	4	1	—	12	—	—	—
Banff.	Banff	9	9	9	130	53·4	42·9	48·1	+1·4	78	25	—	—	670	26·37	98	1·04	8 May	200	136	22	0	22	7	0	47	21	3·67	*103*	30
Aberdeen.	Aberdeen ¶§	24	24	24	79	53·1	43·1	48·1	+1·6	72	19	47·6	47·7	672	26·46	90	1·11	8 May	175	120	24	5	16	7	19	73	3	3·68	101	30
		18	7	—	—	53·3	42·9	48·1	+1·2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Balmoral ..	9	9	9	927	52·3	38·3	45·3	+1·8	83	12	—	—	704	27·73	84	1·60	8 May	203	133	16	26	0	0	—	162	4	—	—	—
	Braemar ..	21	21	9	1111	51·1	37·7	44·4	+1·1	80	7	—	—	840	33·09	94	1·72	8 May	213	153	45	42	1	3	1	107	—	3·36	—	27S
	Craibstone ..	9	9	9	300	52·9	40·7	46·8	+1·1	74	18	46·8	46·7	719	28·27	90	1·65	8 May	191	129	38	18	20	11	—	119	—	3·94	*102*	32
	Dyce ..	18	7	7	241	52·7	40·8	46·7	—	73	12	—	—	708	27·85	—	1·77	8 May	176	131	32	14	13	6	13	106	7	—	—	—
	Tarland.. ..	9	9	9	540	53·3	38·9	46·1	—	82	16	—	—	721	28·39	—	2·74	8 May	188	129	34	14	7	5	—	—	13	—	—	—
Kincardine.	Stonehaven ..	9	9	9	12	54·5	40·9	47·7	—	72	19	—	—	689	27·11	—	1·85	8 May	202	135	7	3	2	4	1	—	3	3·94	—	32
Angus.	Arbroath ..	9	9	9	93	54·3	41·1	47·7	+0·8	71	22	—	—	603	23·72	93	1·56	8 May	140	107	4	0	6	5	4	121	11	4·28	*104*	35
	Buddon Ness ..	9	9	9	15	53·9	41·5	47·7	—	71	17	—	—	620	24·39	—	1·26	8 May	179	121	9	0	9	12	3	—	30	—	—	—
	Dundee ¶§	9	9	9	147	55·5	40·5	48·0	+1·1	76	23	47·7	—	730	28·75	110	1·07	8 May	181	133	9	1	4	13	—	119	5	3·83	*102*	31
	Kettins	9	9	9	218	54·2	40·3	47·3	+1·4	80	20	48·2	—	783	30·85	96	1·09	9 Jan.	185	134	14	6	8	9	8	107	38	—	—	—
	Montrose ..	9	9	9	16	54·0	41·9	47·9	+1·4	71	22	—	—	563	22·18	—	1·32	8 May	164	109	13	0	8	8	4	—	21	4·03	*105*	33
	,, (Airfield)	18	7	7	22	53·8	42·5	48·1	—	73	23	—	—	567	22·34	—	1·64	8 May	155	114	13	3	9	5	4	81	4	—	—	—
Perth.	Errol	18	7	7	31	54·7	41·1	47·9	—	74	20	—	—	662	26·07	—	1·53	2 Aug.	177	126	11	3	8	9	11	—	3	—	—	—
	Longforgan ..	9	9	9	166	54·2	41·0	47·6	—	79	22	—	48·3	688	27·09	—	1·07	2 Aug.	191	124	17	5	9	15	9	121	20	3·99	—	33
	Perth	9	9	9	76	55·4	41·8	48·6	+1·5	83	20	—	—	815	32·11	104	1·37	5 July	190	128	13	4	4	13	—	—	33	3·75	*101*	31
Fife.	Cupar	9	9	9	210	54·5	41·7	48·1	+1·4	78	23	—	—	712	28·01	—	·92	8 May	187	133	8	4	4	3	—	—	2	—	—	—
	Dunfermline ..	9	9	9	237	54·2	41·9	48·1	—	81	22	49·5	49·4	731	28·79	—	1·21	8 May	191	133	19	8	12	13	33	89	13	3·59	—	29
	Kirkcaldy ..	9	9	9	137	54·6	41·0	47·8	−0·1	83	21	—	—	751	29·57	—	1·15	31 May	173	128	5	4	0	4	—	—	1	3·39	—	28
	Leuchars ..	18	7	7	36	54·7	42·8	48·7	+1·8	76	23	—	—	588	23·15	90	1·00	8 May	165	108	10	4	4	14	7	86	9	4·28	*106*	35
	Lundin Links ..	9	9	9	40	54·7	41·8	48·3	—	79	24	—	—	635	25·02	—	1·93	8 May	156	119	3	0	5	8	5	—	4	3·72	—	30
	St. Andrews ..	9	9	9	13	54·6	41·7	48·1	+1·0	79	21	48·4	47·6	700	27·56	102	1·10	8 May	166	126	9	2	4	10	—	58	10	4·06	*105*	33
Mid Lothian.	Balerno	9	9	9	750	52·2	40·9	46·5	—	82	20	—	—	837	32·93	—	1·16	8 May	207	143	8	11	7	4	8	79	4	3·70	—	30
	Edinburgh—																													
	Blackford H. ¶§	21	21	9	441	53·8	42·9	48·3	+1·4	83	24	—	—	583	22·92	87	1·08	6 July	181	121	10	4	6	7	16	37	35	3·93	105	32
	Botanic Garden	9	9	9	74	55·4	42·1	48·7	—	79	21	—	—	596	23·48	—	·95	4 June	176	121	9	1	5	8	26	104	—	3·73	—	30
	Univ. King's B.	9	9	9	225	54·7	42·8	48·7	—	83	22	47·9	48·7	596	23·46	—	1·20	6 July	167	124	—	—	—	—	—	—	—	—	—	—
	Boghall ..	9	9	9	639	53·1	41·2	47·1	+1·0	84	23	46·8	47·4	727	28·64	—	·94	8 May	205	138	27	12	1	6	5	68	—	3·61	*98*	29
	Liberton ..	9	9	9	190	55·2	42·4	48·8	—	84	21	—	—	606	23·84	—	1·21	6 July	174	123	3	0	0	—	—	—	—	—	—	—
E. Lothian.	Dunbar ..	9	9	9	75	54·6	40·6	47·6	—	88	20	—	—	497	19·59	—	·79	8 May	158	113	7	0	2	4	0	—	0	4·13	—	34
	N. Berwick ..	9	9	9	118	54·6	42·3	48·5	+1·0	88	23	—	—	533	20·96	87	1·35	31 July	163	112	11	2	0	8	4	—	3	3·61	*96*	29
Berwick.	Marchmont ¶§	9	9	9	498	54·2	39·1	46·7	+0·8	85	20	—	—	703	27·66	86	1·70	8 May	212	134	—	—	—	—	—	—	—	3·67	104	30S
	St. Abb's Head	18	7	7	280	52·9	43·9	48·4	—	75	28	—	—	560	22·04	—	·85	8 May, 25 Aug.	160	112	8	1	10	7	15	—	14	—	—	—
Peebles.	Peebles	9	9	9	—	54·1	39·4	46·7	—	84	10	—	—	866	34·08	—	1·67	8 May	189	150	26	8	0	4	0	70	5	3·32	—	27
	West Linton ..	9	9	9	820	52·4	38·9	45·7	+1·4	83	12	45·4	47·3	911	35·87	—	1·41	8 May	206	166	23	14	2	5	57	148	0	—	—	—
Roxburgh.	Kelso (Br'ml'ds)	9	9	9	193	54·1	40·3	47·2	+0·5	84	18	—	—	663	26·10	100	1·50	31 July	197	131	11	0	4	10	15	—	—	—	—	—
	Wolfelee ..	9	9	9	537	53·3	38·7	46·0	+0·6	85	15	—	—	953	37·51	100	1·25	31 July	195	148	23	12	10	19	6	—	13	—	—	—
6a. SCOTLAND, W.																														
Argyll.	Ardtornish ..	21	21	9	48	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Colonsay ..	9	9	9	87	53·7	43·6	48·7	—	74	25	—	—	1537	60·49	—	1·95	3 Oct.	301	238	6	0	34	6	—	—	13	—	—	—
	Dunoon(Benmore)	9	9	9	46	55·3	41·7	48·5	—	83	22	49·6	48·8	2683	105·61	—	3·32	3 Oct.	263	231	21	3	16	6	3	85	0	2·63	—	21S
	Dunoon.. ..	9	9	9	132	54·2	43·0	48·6	—	80	23	—	—	2037	80·21	—	2·32	26 Oct.	220	211	9	1	4	5	—	—	—	3·35	—	27
	Glenbranter ..	9	9	9	120	54·5	41·7	48·1	+1·2	82	20	—	—	2745	108·08	—	4·10	3 Oct.	249	234	11	0	1	4	0	7	5	—	—	—
	Oban	9	9	9	229	53·1	43·5	48·3	—	80	28	—	—	1590	62·61	—	1·22	10 Oct.	266	223	4	0	21	3	0	—	4	2·61	75	21
	Tiree .. ¶§	18	7	7	44	53·3	45·4	49·3	+0·9	70	30	—	—	1299	51·12	114	1·22	3 Oct.	272	212	15	0	35	4	3	12	34	3·44	*84*	28
Bute.	Rothesay ¶§	21	21	9	200	54·1	42·6	48·3	+0·7	79	28	49·1	48·9	1666	63·22	129	1·43	31 Aug.	242	208	16	0	12	8	0	47	33	—	—	—
Dumbarton.	Cardross ..	9	9	9	130	54·3	41·3	47·8	+0·9	82	23	—	—	1346	52·98	—	1·30	30 Mar.	236	191	3	2	0	0	0	—	—	2·83	*88*	23S
	Helensburgh ..	9	9	9	293	54·1	42·1	48·1	+0·6	82	21	—	—	1549	60·99	115	1·46	4 Aug.	265	214	10	2	5	3	16	—	0	3·06	*94*	25
Stirling.	Balfron	9	9	9	342	53·5	41·5	47·5	—	81	12	—	—	1440	56·71	—	1·31	4 Sept.	246	186	—	—	—	—	—	—	—	—	—	—
	Stirling	9	9	9	151	54·5	43·3	48·9	+1·2	81	24	48·6	48·7	1054	41·51	—	1·40	17 Oct.	205	152	18	3	9	4	24	—	—	3·49	*105*	28S
Renfrew.	Greenock ..	9	9	9	199	54·4	44·3	49·3	+1·6	81	28	—	—	1716	67·54	116	2·15	5 Oct.	245	199	14	2	7	11	51	17	11	3·30	—	27S
	Paisley	21	21	9	106	54·9	44·2	49·5	+1·2	83	24	49·7	50·0	1124	44·25	109	1·73	3 Oct.	220	176	7	1	6	6	19	57	7	3·46	104	28
	Abbotsinch ¶§	18	7	7	19	54·7	43·5	49·1	+1·9	84	20	—	—	1163	45·76	124	1·90	3 Oct.	232	177	16	2	13	8	22	82	5	3·56	*109*	29

¶§, S See Notes on Tables on page 198.

TABLE III (*continued*).—SUMMARY of the RECORDS of TEMPERATURE, RAINFALL and SUNSHINE, and of WEATHER OBSERVATIONS, YEAR 1943.

DISTRICT, COUNTY AND PLACE.		Terminal Hours of Observation. Max.	Min.	Rain.	Height of Station above Mean Sea Level.	AIR TEMPERATURE IN DEGREES FAHRENHEIT. Means of A Max.	B Min.	Mean of A and B.	Difference from Average.	Absolute Maximum and Minimum. For Dates *see* Table V.		Earth Temperature. 1 ft.	4 ft.	RAINFALL. Total Fall.		Percentage of Average.	Most in a day. Amount.	Date.	WEATHER. Number of days. Precip'n. ·01 in. (0·2 mm.) or more.	·04 in. (1mm.) or more.	Snow.	Snow lying.	Hail.	Thunderstorm.	Fog(Morn'gObs.)	Ground Frost.	Gale.	BRIGHT SUNSHINE. Hours per day. Daily Mean.	Percentage of Average.	of Possible.
		G.M.T.			ft.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	mm.	in.	%	in.											hr.	%	%
6a. SCOTLAND, W.—*cont.*																													
Lanark.	Carluke ..	9	9	9	534	53·2	41·9	47·5	—	81	20	—	—	825	32·49	—	·95	30 Mar.	220	158	24	7	21	10	3	65	5	3·33	—	27
	Dungavel ..	9	9	9	798	51·6	38·9	45·3	+0·7	79	19	—	—	1373	54·07	—	1·31	11 Feb.	248	202	27	9	5	4	9	85	2	—	—	—
	Glasgow .. (Springb'n P'rk)	9	9	9	351	54·3	41·8	48·1	—	86	23	—	—	1154	45·43	—	1·81	3 Oct.	252	193	15	1	6	6	—	122	—	3·00	—	24
Ayr.	Auchincruive ..	9	9	9	89	55·4	42·8	49·1	—	83	20	49·8	50·1	974	38·34	—	·87	16 Oct.	236	171	2	0	13	8	4	83	4	3·52	—	29
	Ayr	9	9	9	43	55·0	43·6	49·3	—	84	21	—	—	898	35·37	—	1·07	1 Aug.	201	186	1	0	0	2	0	35	1	3·47	—	28
	Colmonell ..	9	9	9	170	54·6	42·6	48·6	+0·5	80	22	—	—	1092	42·99	96	1·02	16 Jan.	234	179	5	0	17	8	0	59	19	—	—	—
	Kilmarnock ..	9	9	9	130	55·5	42·2	48·9	+1·2	83	20	50·2	50·5	1130	44·48	—	1·37	11 Feb.	229	175	8	0	14	7	6	67	12	3·62	*105*	30
	Prestwick ..	9	9	9	17	54·0	44·8	49·4	—	84	25	—	—	875	34·43	—	1·19	1 Aug.	203	165	4	0	6	6	14	24	5	3·51	—	29
	Troon	9	9	9	15	54·2	45·0	49·6	—	78	27	—	—	909	35·78	—	·99	22 May	204	157	10	0	12	4	5	28	5	3·73	—	30
	Turnberry ..	9	9	9	30	54·8	44·8	49·8	+1·3	83	28	—	—	866	34·09	105	·81	7 Aug.	211	168	4	0	5	3	4	—	7	3·70	*98*	30
Dumfries.	Dumfries ¶§	9	9	9	140	54·8	42·0	48·4	+0·9	80	22	49·2	49·4	1085	42·71	109	1·25	20 Oct.	214	154	13	2	12	14	18	132	—	3·67	*102*	30
	Eskdalemuir ¶§	24	24	24	794	52·2	38·4	45·3	+1·0	81	17	47·8	47·9	1709	67·26	120	1·77	8 May	250	202	31	8	21	18	22	112	19	3·31	101	27
		18—7		—	—	52·3	39·4	45·9	+1·2																					
	Ruthwell ..	21	21	9	67	53·3	41·1	48·2	+0·7	84	19	—	—	938	36·92	—	1·15	5 Oct.	186	149	2	0	1	13	—	—	3	3·53	*102*	29§
Kirkcudbright.	Glenlee ..	9	9	9	181	54·9	41·4	48·1	—	80	19	—	—	1590	62·60	—	1·71	5 Feb.	229	189	19	4	5	5	7	74	4	—	—	—
Wigtown.	Newton Stewart	9	9	9	75	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6b. ISLE OF MAN.																														
Isle of Man.	Douglas ..	9	9	9	284	54·1	45·0	49·5	+0·9	75	27	—	—	1122	44·19	107	1·23	4 June	209	161	6	1	8	1	11	20	7	4·70	109	38
	Point of Ayre ..	18—7		7	30	56·0	46·0	51·0	—	78	26	—	—	833	32·81	—	1·00	16 Oct.	194	144	2	1	12	5	6	—	24	4·31	—	35
2. ENGLAND, N.E.																														
Northumberland.	Berwick-on-T.	9	9	9	76	53·7	42·9	48·3	+1·2	73	21	—	—	505	19·86	84	·74	4 June	159	111	17	0	20	11	3	59	9	4·21	*106*	34
	Bellingham ..	9	9	9	849	52·6	38·7	45·7	+0·8	80	19	—	—	914	35·97	102	·95	8 May	208	163	26	22	4	9	13	—	—	—	—	—
	Cockle Park ¶§	21	21	9	325	54·4	41·3	47·9	+1·4	77	25	—	47·7	681	26·81	93	1·05	16 June	186	130	15	7	5	10	9	88	3	4·19	111	34
	Ouston	18—7		7	426	53·9	41·0	47·5	—	84	20	—	—	648	25·54	—	1·83	5 Aug.	181	128	25	12	9	11	20	—	14	—	—	—
	Tynemouth ..	18—7		7	108	54·0	45·8	49·6	+1·3	77	26	—	—	581	22·92	93	1·27	5 Aug.	171	115	11	2	3	10	12	24	32	3·91	—	32
Durham.	Chopwellwood	9	9	9	446	55·2	41·4	48·3	+2·0	87	22	—	—	677	26·67	93	2·52	5 Aug.	187	124	12	17	0	15	25	103	—	3·90	*105*	32
	Durham ¶§	21	21	9	336	55·8	40·0	47·9	+1·2	87	18	—	—	570	22·45	91	·99	5 Aug.	175	122	13	7	1	4	23	93	—	4·02	112	33
	Houghall ..	9	9	9	160	56·3	40·0	48·1	+0·8	83	18	—	—	605	23·81	—	·90	5 Aug.	155	122	11	11	1	12	21	132	6	3·86	*108*	32
	Ushaw College	9	9	9	594	54·8	41·5	48·1	+1·4	86	22	—	—	614	24·18	85	1·06	5 Aug.	167	122	13	9	3	7	38	—	—	—	—	—
Yorks., N. Riding	Ampleforth ..	9	9	9	313	55·8	41·6	48·7	+1·2	85	22	—	—	682	26·83	—	1·42	14 Nov.	154	125	12	12	5	14	40	(127)	—	4·07	—	33
	Castleton ..	9	9	9	450	54·4	40·6	47·5	—	84	15	48·6	—	731	28·77	—	1·94	14 Nov.	150	120	11	20	1	9	5	—	—	—	—	—
	Catterick ..	18—7		7	175	55·3	42·4	48·9	—	88	19	—	—	587	23·11	—	·98	5 Aug.	163	105	10	9	2	9	67	93	3	3·94	—	32
	Linton-on-Ouse	18—7		7	46	57·4	42·1	49·7	—	89	19	—	—	517	20·37	—	·98	14 Nov.	153	113	10	8	7	17	47	78	3	—	—	—
	Redcar	9	9	9	25	55·9	43·7	49·8	—	86	25	—	—	509	20·04	—	1·12	5 Aug.	144	102	—	—	—	—	26	—	—	3·81	—	31
	Scarborough †¶§	9	9	9	118	56·8	44·8	50·8	+1·6	79	27	—	50·6	557	21·91	85	1·00	12 Sept.	147	109	6	1	4	7	27	—	—	4·25	111	35
	Thornaby ..	18—7		7	60	56·6	42·6	49·6	—	88	22	—	—	535	21·08	—	1·09	14 Nov.	143	106	12	8	4	15	39	89	4	—	—	—
	Whitby	9	9	9	148	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	York .. ¶§	9	9	9	57	57·2	43·0	50·1	+1·2	88	25	49·4	49·3	531	20·89	86	1·12	1 Sept.	158	106	7	7	3	16	—	—	—	4·22	123	34
Yorks., E. Riding.	Bridlington ..	21	21	9	76	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Driffield.. ..	18—7		7	65	56·6	42·2	49·4	—	83	19	—	—	584	22·97	—	1·17	10 Sept.	146	111	11	7	8	16	39	72	5	—	—	—
	Hull	21	21	9	8	57·2	44·1	50·6	+1·7	82	25	(49·8)	49·9	526	20·70	82	1·07	10 Sept.	164	105	7	10	10	17	43	75	—	4·07	*112*	33
	Spurn Head ..	18—7		7	29	54·7	45·7	50·2	+1·1	78	28	—	—	407	16·04	71	·58	{20 Au.} {10 Sept.}	129	97	9	1	6	14	15	—	18	4·63	*111*	38
Lincoln	Boston—																													
	(Freiston Road)	21	21	9	16	57·5	43·1	50·3	—	88	25	—	—	490	19·29	—	·81	6 Jan.	159	101	11	4	6	13	43	96	—	—	—	—
	(N. Sea Camp)	18—7		7	10	57·5	42·7	50·1	—	(88)	26	—	—	510	20·09	—	·74	8 July	166	104	11	3	5	15	53	—	—	4·59	—	38
	Cranwell ¶§	18—7		7	203	57·3	42·4	49·9	+1·4	89	21	50·2	50·2	506	19·89	86	·93	10 Sept.	148	101	10	7	9	14	48	72	6	4·58	*109*	37
	Cleethorpes ..	9	9	9	23	56·7	43·7	50·2	+1·2	82	25	—	—	487	19·16	—	·90	29 May	146	102	—	—	3	11	24	—	—	(4·72)	(*115*)	(39)
	Skegness ..	9	9	9	15	55·9	43·5	49·7	+1·4	79	26	—	—	426	16·76	72	·74	6 Jan.	132	98	6	3	5	17	22	—	—	4·71	108	39
3. ENGLAND, E.																														
Norfolk.	Cromer ..	9	9	9	178	57·8	44·7	51·3	+2·0	83	26	—	—	453	17·84	75	·59	27 Sept.	162	103	4	5	12	17	13	(44)	4	4·56	105	37
	Hunstanton ..	9	9	9	100	57·5	43·8	50·7	+0·9	86	25	—	—	447	17·57	—	·63	27 Sept.	160	108	10	5	5	8	15	—	—	4·58	*106*	37
	Norwich ..	9	9	9	110	58·7	42·8	50·7	+1·3	88	22	49·2	—	501	19·73	76	·58	18 Dec.	168	110	11	5	14	30	—	105	—	4·76	*110*	39
	Sprowston ..	9	9	9	93	58·1	42·7	50·4	+1·3	88	21	—	—	506	19·92	—	·58	{1 Jan. 14 Nov.}	149	112	7	8	5	19	—	101	—	4·56	*104*	37
	Terrington ..	9	9	9	13	58·1	41·7	49·9	—	89	25	—	—	459	18·06	—	·74	24 May	135	112	11	4	3	11	30	94	—	4·72	—	39
	Gorleston ¶§	18—7		7	5	56·2	45·9	51·1	+1·4	82	27	52·1	51·5	503	19·84	81	·98	6 Nov.	139	111	9	6	15	19	19	34	6	4·83	*107*	40
Suffolk	Bungay (Flix'n)	9	9	9	79	58·3	42·9	50·6	+1·3	88	23	—	—	419	16·49	—	·77	13 Jan.	99	93	5	4	8	14	19	83	—	—	—	—
	Felixstowe Aero.	18—7		7	10	57·9	45·7	51·8	+1·9	82	27	—	—	418	16·46	81	·83	21 Oct.	144	97	3	1	11	13	17	42	7	5·29	109	43
	Ipswich Belstead Hall	9	9	9	125	58·3	43·1	50·7	—	85	26	50·7	51·2	439	17·28	—	·78	13 Jan.	146	101	12	4	4	17	22	92	5	4·58	—	37
	Lowestoft ..	9	9	9	82	57·6	44·0	50·8	+1·5	86	25	51·3	51·2	507	19·95	85	·83	9 Sept.	134	97	11	6	7	14	30	68	9	4·70	*100*	39
	Mildenhall ..	18—7		7	15	58·7	42·9	50·8	—	88	20	—	—	453	17·85	—	·66	6 Jan.	149	101	7	5	5	18	46	93	1	4·76	—	39
	Stanton Downton	9	9	9	24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Stradishall ..	18—7		7	382	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cambridge.	Cambridge (Bot. Gdns.) ¶§	21	21	9	41	58·8	42·0	50·4	+1·1	89	18	51·1	51·6	421	16·57	76	·72	6 Jan.	133	98	5	2	4	12	26	118	0	4·39	105	36
Bedford.	Dunstable ..	18—7		7	516	56·6	42·1	49·3	—	88	22	50·3	50·0	508	19·99	—	1·18	31 Jan.	148	106	13	2	5	16	39	103	1	4·59	—	38
	Luton	9	9	9	381	57·5	42·6	50·1	+1·6	88	22	50·7	51·0	525	20·66	—	·96	31 Jan.	134	100	—	—	—	—	20	103	—	4·47	*108*	37
	Woburn ..	9	9	9	291	57·3	42·0	49·7	+1·2	88	20	50·7	50·9	485	19·09	80	·80	31 Jan.	146	102	8	1	3	14	25	79	—	4·53	114	37
Hertford.	Rothamsted ¶§	9	9	9	420	56·7	42·3	49·5	+1·2	87	24	49·7	—	576	22·67	85	·81	18 Jan.	163	105	6	2	3	6	27	81	4	4·42	104	36
	St. Albans ..	9	9	9	272	57·8	41·6	49·7	+0·9	89	23	50·8	—	545	21·46	86	1·16	20 Oct.	145	101	—	—	2	4	31	108	—	—	—	—

† At Scarborough the earth thermometer is at a depth of 3 ft. ¶§S *See* Notes on Tables on page 198.

SEOUL

TABLE III (*continued*).—SUMMARY of the RECORDS OF TEMPERATURE, RAINFALL and SUNSHINE, and of WEATHER OBSERVATIONS, YEAR 1943.

DISTRICT, COUNTY AND PLACE.		Terminal Hours of Observation. Max.	Min.	Rain.	Height of Station above Mean Sea Level.	AIR TEMPERATURE IN DEGREES FAHRENHEIT. Means of A Max.	B Min.	Mean of A and B.	Difference from Average.	Absolute Maximum and Minimum. For Dates *see* Table V.	Earth Temperature. 1 ft.	4 ft.	RAINFALL. Total Fall.		Percentage of Average.	Most in a day. Amount.	Date.	WEATHER. Number of days. Precip'n. ·01 in. (0·2 mm.) or more.	·04 in. (1 mm.) or more.	Snow.	Snow lying.	Hail.	Thunderstorm.	Fog(Morn'g Obs.)	Ground Frost.	Gale.	BRIGHT SUNSHINE. Hours per day. Daily Mean.	Percentage of Average.	Percentage of Possible.
3. ENGLAND, E.—*cont.*		G.M.T.			ft.	°F	°F.	°F.	°F.	°F.	°F.	°F.	mm.	in.	%	in.										hr.	%	%
Essex.	Dovercourt ..	9	9	9	47	58·1	44·9	51·5	+1·4	83	27	—	—																
	Earls Colne ..	9	9	9	160	58·8	42·8	50·8	+0·9	85	23	51·0	51·7	502	19·78	—	·84	13 Jan.	140	109	5	3	1	19	—	112	—	—	—	—
	Halstead ..	9	9	9	140	59·3	42·1	50·7	+1·2	86	23	—	—	470	18·51	—	·79	13 Jan.	142	105	4	3	0	17	—	—	—	—	—	—
	Maldon ..	9	9	9	14	59·4	42·9	51·1	—	85	24	—	—	432	17·01	—	·72	13 Jan.	128	100	3	—	2	17	26	—	—	5·02	—	41
	Shoeburyness ..	18	7	7	11	58·4	45·2	51·8	+1·8	85	27	—	—	475	18·71	94	1·07	1 May	132	101	4	1	5	13	21	75	3	4·76	*101*	39
	Walton-on-Naze	9	9	9	35	(57·9)	44·9	(51·4)	(+1·5)	83	27	—	—	434	17·11	—	·84	21 Oct.	127	88	—	—	—	—	54	34	—	4·88	*106*	40
	Writtle	9	9	9	105	58·9	42·1	50·5	—	85	22	—	—	519	20·43	—	·82	10 Sept.	139	102	3	1	1	16	—	112	—	—	—	—
4. MIDLAND COUNTIES.																														
Yorks., W. Riding	Askham Bryan ..	9	9	9	90	57·1	40·7	48·9	—	88	19	—	—	510	20·06	—	1·08	1 Sept.	137	98	6	6	1	16	29	92	—	3·80	—	31
	Bingley	9	9	9	610	54·8	41·7	48·3	—	86	20	—	—	869	34·20	—	1·12	14 Sept.	185	141	7	10	0	3	57	90	—	—	—	—
	Bradford ..	9	9	9	439	54·9	42·5	48·7	+1·2	87	21	48·1	48·8	708	27·88	82	·81	10 Sept.	170	125	5	8	—	—	65	100	—	3·63	*110*	30
	Doncaster ..	9	9	9	25	58·0	41·0	49·5	—	—	19	—	—	445	17·52	—	·75	10 Sept.	136	100	8	1	1	12	63	—	—	4·04	—	33
	Finningley ..	18	7	7	39	—	—	—	—	—	24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Harrogate ¶§	9	9	9	478	55·3	42·4	48·9	+2·0	87	24	48·4	48·9	601	23·64	77	·72	9 May	157	112	10	11	11	15	52	85	9	4·07	109	33
	Huddersfield ..	21	21	9	325	55·8	41·8	48·8	+0·8	89	18	49·1	49·7	672	26·45	88	1·06	9 May	167	120	4	9	3	—	104	125	—	3·75	*120*	31
	,, (Oakes)	9	9	9	761	54·5	41·7	48·1	+0·8	86	23	48·8	48·4	883	34·78	101	1·12	9 May	208	147	21	10	16	17	48	94	19	—	—	—
	Ilkley	9	9	9	315	56·2	41·2	48·7	+1·2	89	20	—	—	883	34·75	—	1·31	14 Sept.	175	143	7	6	0	5	34	61	—	4·02	*120*	33
	Meltham ..	9	9	9	585	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Pontefract ..	9	9	9	255	55·8	42·8	49·3	+0·7	87	21	—	—	455	17·90	77	·69	10 Sept.	148	96	—	—	—	—	69	70	—	3·94	—	32
	Rotherham ..	7	7	7	284	56·8	41·9	49·3	—	91	21	48·8	—	491	19·32	—	·94	13 Sept.	157	107	8	6	6	10	56	67	—	3·97	—	32
	Sheffield ..	9	9	9	428	56·3	44·2	50·3	+1·5	89	26	48·8	49·1	660	25·98	85	·97	10 Sept.	167	113	10	6	6	8	—	63	4	3·91	112	32
	Wakefield ..	9	9	9	124	58·1	42·2	50·1	+1·4	90	21	49·2	49·4	530	20·86	82	·95	5 Aug.	171	108	9	6	11	17	63	104	—	3·48	*109*	288
Derby.	Belper (School)	9	9	9	198	57·4	42·2	49·8	+1·5	90	22	—	—	617	24·29	81	1·22	29 May	157	124	10	—	7	9	—	—	—	—	—	—
	Buxton ..	9	9	9	1007	52·6	40·8	46·7	+1·0	86	13	—	47·7	1162	45·75	98	1·23	21 Dec.	215	161	25	19	7	7	51	(65)	—	3·41	*102*	288
Nottingham.	Mansfield ..	9	9	9	357	56·7	42·6	49·7	+1·2	90	23	—	—	498	19·63	70	1·15	29 May	135	99	10	6	5	14	63	—	—	—	—	—
	Nottingham ¶§	9	9	9	192	57·7	43·7	50·7	+1·8	90	24	49·8	50·4	455	17·92	76	1·28	29 May	137	100	—	—	—	—	95	67	—	4·14	*119*	34
	Sutton Bonington	9	9	9	157	(57·7)	42·0	(49·9)	(+1·2)	90	21	50·3	—	511	20·13	98	1·43	29 May	132	97	5	4	1	3	—	92	—	4·18	*113*	34
Leicester.	Leicester ..	9	9	9	325	58·0	42·0	50·0	—	90	21	49·7	—	506	19·91	—	1·10	11 June	122	105	5	0	2	7	25	65	—	3·88	—	32
North'mpton	Oundle ..	9	9	9	147	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Peterborough ..	9	9	9	46	58·8	43·3	51·1	—	92	22	—	—	388	15·26	—	·56	24 May	153	92	5	—	1	12	—	—	—	—	—	—
	Raunds	9	9	9	193	58·1	41·7	49·9	—	89	21	—	—	419	16·47	—	·64	31 Jan.	156	98	7	5	4	11	34	95	3	—	—	—
Warwick.	Birmingham ¶§	18	7	7	535	56·1	44·4	50·3	+1·5	90	26	48·7	49·5	609	23·96	90	1·29	31 Jan.	169	117	13	2	13	8	54	68	1	3·88	109	32
	,, Sparkhill	7	7	7	425	58·3	41·9	50·1	+1·4	91	22	—	—	605	23·84	85	1·25	31 Jan.	158	111	13	3	12	7	65	112	—	—	—	—
	Coventry ..	9	9	9	241	58·0	41·6	49·8	—	91	21	51·4	53·2	528	20·79	80	·80	31 Jan.	157	107	6	1	4	7	39	—	—	3·69	102	30
	Honiley ..	18	7	7	427	56·6	42·8	49·7	—	90	22	—	—	532	20·95	—	·85	31 Jan.	133	105	8	3	6	9	59	63	6	—	—	—
	Leamington Spa	9	9	9	163	57·9	43·0	50·5	+1·2	91	17	51·8	53·1	499	19·64	—	·83	31 Jan.	143	109	3	—	1	6	47	102	—	4·02	*109*	33
	Rugby	21	21	9	390	58·1	41·4	49·7	+1·4	92	22	—	—	524	20·62	81	1·76	11 June	140	108	8	—	0	7	—	(149)	—	—	—	—
	Shipston on Stour	9	9	9	364	57·3	43·0	50·1	—	90	24	—	—	533	21·01	—	·84	14 Jan.	159	102	7	3	5	9	23	—	—	4·50	—	37
	Stratford on Avon	9	9	9	153	58·9	41·4	50·1	—	92	22	—	—	499	19·64	—	·66	31 Jan.	148	109	2	1	1	4	21	118	—	4·43	—	36
Oxford.	Oxford .. ¶§	9	9	9	208	58·8	43·5	51·1	+1·4	92	23	51·3	51·7	514	20·22	82	·81	31 Jan.	159	108	7	1	7	12	36	83	6	4·37	106	36
	Upper Heyford	18	7	7	408	57·0	42·9	49·9	—	91	22	—	—	490	19·29	—	·71	10 May	149	98	8	2	3	8	49	76	2	—	—	—
Stafford	Market Drayton	9	9	9	581	(55·7)	41·1	(48·4)	—	87	21	—	—	772	30·40	—	1·20	1 Sept.	185	136	7	9	10	10	41	90	—	4·10	—	34
	Mayfield ..	9	9	9	374	56·2	40·7	48·5	+1·5	88	18	—	—	741	29·19	90	·78	18 June	178	128	7	7	22	18	—	94	3	3·98	*110*	308
	Oaken	8	8	8	409	56·8	41·1	48·9	—	89	21	50·1	—	580	22·84	—	·62	1 Sept.	157	122	5	3	4	8	47	118	—	—	—	—
	Walsall	9	9	9	455	56·8	42·1	49·5	—	90	22	—	—	611	24·07	—	1·06	31 Jan.	193	124	7	6	7	7	95	93	19	—	—	—
Shropshire	Newport ..	9	9	9	211	56·9	40·7	48·8	—	88	20	—	—	668	26·30	106	1·19	1 Sept.	213	130	7	3	8	9	12	107	—	4·14	—	34
	Oswestry ..	9	9	9	570	55·6	43·0	49·3	—	84	25	—	—	821	32·33	—	1·50	9 May	197	149	7	3	7	8	38	83	9	4·36	—	36
	Shrewsbury ..	9	9	9	184	57·8	42·9	50·3	+1·2	89	22	51·4	52·4	614	24·18	—	·88	7 July	172	132	5	2	12	10	32	84	14	3·88	—	32
	Tern Hill ..	18	7	7	270	56·4	43·5	49·9	—	90	23	—	—	716	28·20	—	1·41	7 July / 12 Sept.	172	134	8	3	7	8	40	67	1	—	—	—
Worcester.	Droitwich ..	9	9	9	106	58·3	41·1	49·7	—	92	20	—	—	545	21·47	—	·91	29 May	148	112	3	1	5	6	20	—	—	4·36	—	36
	Malvern ..	9	9	9	380	57·2	44·3	50·7	+1·2	91	24	50·6	50·9	670	26·41	96	·99	31 Jan.	150	108	6	0	4	7	9	39	—	4·54	*107*	37
	Prestwood ..	9	9	9	260	58·6	41·9	50·3	—	91	22	—	—	572	22·51	—	·82	29 May	166	119	2	2	3	4	53	120	—	—	—	—
	Worcester, P'well	9	9	9	94	59·2	42·0	50·6	+1·3	93	21	—	—	568	22·37	—	1·06	29 May	142	100	5	3	3	4	—	121	—	—	—	—
Hereford.	Hereford ..	9	9	9	292	(58·1)	(42·4)	(50.3)	(+1·6)	91	23	—	—	(703)	(27·69)	(101)	(1·03)	(9 May)	(150)	(110)	—	—	—	—	—	56	—	—	—	—
	Ross-on-Wye ¶§	18	7	7	223	57·7	44·3	51·0	+1·3	89	23	51·7	51·8	676	26·61	94	1·21	12 Sept.	148	97	3	1	5	11	30	75	2	4·27	*105*	35
Gloucester.	Cheltenham ..	21	21	9	214	58·8	43·4	51·1	+1·2	91	25	52·0	53·3	526	20·73	78	·97	8 Feb.	137	101	5	1	4	6	27	100	0	4·16	*102*	34
	Frampton Cotterell ..	9	9	9	158	59·0	43·0	51·0	—	90	25	52·2	51·9	721	28·38	—	·86	31 Jan.	181	119	3	1	1	13	—	117	—	—	—	—
	Parkend.. ..	9	9	9	325	57·3	41·9	49·6	—	88	25	50·2	50·7	901	35·49	—	1·22	30 Jan.	171	120	3	2	3	3	17	105	1	4·12	—	34
	Stonehouse ..	9	9	9	150	59·0	43·0	51·0	—	91	24	—	—	619	24·36	—	·75	31 Jan.	158	112	4	1	4	11	21	96	—	—	—	—
5. ENGLAND, S.E.																														
London.	City, Bunhill Row	—			—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3·73	111	31
	Camden Square	9	9	9	110	59·5	45·7	52·6	+1·4	92	28	51·3	51·7	557	21·92	90	·85	13 Jan.	141	106	—	—	4	13	—	71	—	—	—	—
	East Ham ..	9	9	9	15	59·7	45·4	52·5	+2·1	89	27	—	—	513	20·21	91	·85	31 July	127	102	—	—	—	—	—	—	—	—	—	—
	Enfield	9	9	9	87	58·5	43·9	51·2	+1·1	89	24	—	—	500	19·69	80	·72	13 Jan.	120	99	4	1	1	(13)	(71)	(71)	—	—	—	—
	Greenwich ..	24	24	9	149	59·2	44·1	51·7	+1·4	89	25	51·1	51·4	542	21·31	91	·86	13 Jan.	148	97	3	0	3	24	56	101	4	4·18	105	34
		21	9	—	—	59·1	44·9	52·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Hampstead ..	9	9	9	450	57·6	42·5	50·1	+1·0	87	24	—	—	543	21·41	—	·89	13 Jan.	144	106	7	—	5	25	—	109	7	4·23	*104*	35
	Kensington ..	18	9	9	80	59·5	45·6	52·5	+1·2	91	27	52·1	52·2	543	21·39	88	·95	13 Jan.	138	98	1	0	0	3	—	79	3	—	—	—
	Kingsway ..	—			—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3·89	—	32
	Regent's Park ..	9	9	9	129	(59·0)	45·6	(52·3)	—	89	28	—	—	523	20·60	—	·90	13 Jan.	128	101	2	—	0	16	56	67	—	4·05	113	33
	Kew ¶§	24	24	24	18	58·0	45·1	51·5	+1·1	91	28	51·7	52·0	526	20·72	87	·80	19 Oct.	137	94	2	0	5	14	47	102	0	3·88	96	32
	Observatory ..	18	7	—	—	57·8	45·6	51·7	+0·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Southgate ..	9	9	9	221	(58·6)	(44·0)	(51·3)	—	89	—	51·7	—	(543)	(21·38)	—	·80	13 Jan.	—	—	2	0	1	7	—	—	0	(4·27)	—	(35)
	Tottenham ††¶§	21	21	9	54	(59·9)	(46·1)	(53·0)	(+1·9)	91	—	—	(53·3)	(521)	(20·49)	(88)	·80	13 Jan.	—	—	—	—	—	—	—	—	—	—	—	—
	Wealdstone ..	9	9	9	192	58·9	43·0	50·9	—	91	26	—	—	558	21·97	87	·84	13 Jan.	150	101	3	2	3	17	50	74	3	4·76	—	39
	Westminster ..	9	9	9	27	59·6	46·1	52·9	+1·5	90	28	—	—	524	20·61	92	·91	13 Jan.	140	99	1	—	0	10	—	54	—	—	—	—

¶ §, S *See* Notes on Tables on page 198. ††Tottenham is used as a "district value" station for England, E., and not for England, S.E.

SECRET

TABLE III (*continued*).—SUMMARY of the RECORDS of TEMPERATURE, RAINFALL and SUNSHINE, and of WEATHER OBSERVATIONS, YEAR 1943.

DISTRICT, COUNTY AND PLACE.		Terminal Hours of Observation. Max.	Min.	Rain.	Height of Station above Mean Sea Level.	AIR TEMPERATURE IN DEGREES FAHRENHEIT. Means of A Max.	B Min.	Mean of A and B.	Difference from Average.	Absolute Maximum and Minimum. For Dates *see* Table V.	Earth Temperature. 1 ft.	4 ft.	RAINFALL. Total Fall.		Percentage of Average.	Most in a day. Amount.	Date.	WEATHER. Number of days. Precip'n. ·01 in. (0·2 mm.) or more.	·04 in. (1 mm.) or more.	Snow.	Snow lying.	Hail.	Thunderstorm.	Fog(Morn'g Obs.)	Ground Frost.	Gale.	BRIGHT SUNSHINE. Hours per day Daily Mean.	Percentage of Average.	of Possible.
5. ENGLAND, S.E.—*cont.*		G.M.T.			ft.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	mm.	in.	%	in.										hr.	%	%
Surrey.	Addington ..	9	9	9	473	(57·6)	43·2	(50·4)	(+1·4)	90	25	—	—	592	23·29	—	1·03	13 Jan.	146	94	—	—	—	—	45	—	—	—	—
	Croydon ..	18—7		7	217	58·7	44·9	51·8	*+1·5*	93	26	—	—	596	23·50	80	1·09	31 Jan.	152	100	3	2	3	12	55	59	1	4·41	*106*	36
	Farnham ..	9	9	9	260	59·3	41·6	50·5	—	90	23	—	—	657	25·86	—	1·10	30 Jan.	143	110	5	0	(4)	(6)	53	90	—	—	—	—
	Milford ..	9	9	9	180	59·2	40·5	49·9	—	91	20	—	—	657	25·86	—	1·06	30 Jan.	158	105	6	3	4	9	39	92	—	4·80	—	39
	Wisley	9	9	9	150	59·1	42·8	50·9	+1·0	91	25	51·8	52·2	568	22·37	96	1·15	31 July	154	103	2	2	3	14	49	136	7	4·33	105	35
Kent.	Bromley ..	9	9	9	213	60·1	43·8	51·9	—	92	26	—	—	567	22·31	92	1·12	13 Jan.	130	98	1	1	3	2	30	7	7	—	—	—
	Canterbury ..	9	9	9	135	59·2	43·8	51·5	*+1·2*	86	23	51·9	51·9	575	22·61	—	1·98	13 Jan.	129	106	—	—	—	—	81	—	—	—	—	—
	Deal	9	9	9	18	58·4	45·2	51·8	*+0·9*	85	25	51·7	52·2	516	20·33	—	1·42	18 Dec.	136	106	2	1	2	16	27	83	—	—	—	—
	Dover	9	9	9	200	57·5	42·2	49·9	*—0·2*	82	21	—	—	551	21·69	77	1·45	13 Jan.	132	108	3	0	3	24	—	—	—	—	—	—
	Dungeness ..	18—7		7	20	(57·1)	(45·1)	(51·1)	(+0·8)	75	24	—	—	498	19·62	81	1·67	13 Jan.	131	102	2	—	5	7	13	—	10	—	—	—
Kent.	East Malling ..	9	9	9	132	58·8	(42·0)	(50·4)	*(+1·1)*	90	23	—	—	616	24·26	—	1·06	13 Jan.	130	102	3	1	4	11	38	89	0	4·41	*103*	36
	Goudhurst ..	9	9	9	290	58·6	41·8	50·2	—	87	23	—	—	663	26·10	—	1·54	18 Dec.	166	116	3	3	2	14	24	113	—	—	—	—
	Lympne ..	18—7		7	283	(56·6)	43·9	(50·3)	*(+1·3)*	87	24	—	—	577	22·71	80	1·23	13 Jan.	147	114	6	2	9	13	23	66	5	5·10	*105*	41
	Manston ..	18—7		7	154	(57·3)	45·8	(51·5)	—	83	28	—	—	482	18·97	—	1·45	13 Jan.	126	95	7	2	4	16	29	25	4	4·87	—	40
	Ramsgate ..	9	9	9	80	—	—	—	—	—	—	—	—	494	19·45	—	1·29	21 July	117	102	3	0	2	11	18	—	—	—	—	—
	Tunbridge W. ..	9	9	9	351	58·4	41·7	50·1	*+0·8*	92	22	51·3	52·1	681	26·82	—	1·32	18 Dec.	151	108	3	3	2	10	14	81	7	4·95	111	41
	Whitstable ..	9	9	9	9	58·5	45·1	51·8	—	85	24	—	—	528	20·80	—	1·76	13 Jan.	130	95	3	0	3	16	21	—	—	4·80	—	39
	Wye	9	9	9	164	58·1	42·9	50·5	*+1·2*	90	24	—	—	577	22·74	—	1·73	13 Jan.	124	105	2	1	1	3	—	88	—	4·80	*108*	39
	Margate ..	9	9	9	51	57·6	47·3	52·5	+1·6	84	30	53·1	53·5	455	17·91	79	1·52	13 Jan.	116	93	4	0	2	14	8	11	8	4·86	100	40
Sussex.	Beachy Head ..	18—7		7	502	54·4	45·7	50·1	*+1·0*	78	29	—	—	675	26·59	—	1·11	18 Dec.	155	118	3	—	2	12	143	—	—	—	—	—
	Bexhill	9	9	9	12	56·8	45·8	51·3	*+0·8*	83	27	53·9	—	532	20·93	—	1·63	13 Jan.	141	102	1	1	2	10	14	55	—	—	—	—
	Bodiam	9	9	9	71	58·5	41·9	50·2	—	88	24	—	—	618	24·34	—	1·46	13 Jan.	114	106	1	0	1	(2)	35	113	—	4·64	—	38
	Bognor	9	9	9	24	57·0	45·4	51·2	+0·7	78	29	—	—	652	25·67	—	1·44	18 Dec.	145	113	4	2	1	11	6	—	—	5·01	100	41
	Hastings ¶§	21	21	9	149	(57·4)	45·7	(51·5)	*(+1·1)*	86	28	53·7	53·9	575	22·65	79	1·67	13 Jan.	164	104	3	1	4	7	5	56	6	(5·10)	(103)	(41)
	Horsham ..	9	9	9	350	59·4	40·3	49·9	—	91	20	49·9	—	790	31·09	—	1·37	13 Jan.	162	117	4	1	9	15	22	109	—	—	—	—
	Littlehampton ..	9	9	9	15	57·8	45·1	51·5	*+1·6*	82	25	—	53·1	641	25·24	—	1·54	13 Jan.	136	110	2	1	4	13	8	—	—	4·98	*102*	41
	Patcham ..	9	9	9	200	58·3	43·1	50·7	—	89	23	52·2	—	737	29·00	—	2·04	13 Jan.	158	118	2	1	5	12	—	78	9	—	—	—
	Seaford ..	9	9	9	45	57·1	45·1	51·1	—	87	27	—	—	576	22·69	—	1·55	13 Jan.	(120)	98	2	0	1	6	(23)	—	—	—	—	—
	Thorney Is. ..	18—7		7	10	58·8	44·7	51·7	—	84	25	—	—	621	24·48	—	1·06	13 Jan.	141	102	4	1	2	12	11	74	5	—	—	—
	Worthing ..	9	9	9	25	57·7	46·2	51·9	*+1·4*	80	28	52·2	53·0	603	23·72	85	1·74	13 Jan.	145	106	1	1	3	9	3	53	—	—	—	—
Berkshire.	Reading.. ..†	9	9	9	152	59·2	43·7	51·5	+1·8	91	25	51·7	52·2	537	21·15	—	1·17	20 Oct.	141	104	3	2	1	10	—	72	—	4·75	—	39
	Shinfield ..	9	9	9	200	59·1	42·4	50·7	*+1·2*	91	24	—	—	539	21·22	—	1·28	20 Oct.	142	106	(4)	0	1	4	—	86	—	—	—	—
Hampshire.	Bournemouth ..	9	9	9	139	59·1	44·9	52·0	*+1·6*	83	28	51·8	52·4	695	27·36	87	1·28	10 Sept.	155	114	2	0	5	7	9	—	—	4·94	103	41
	Bramley ..	9	9	9	196	59·4	41·3	50·3	—	90	23	51·8	52·9	563	22·16	—	1·35	20 Oct.	135	105	4	3	4	12	36	89	—	—	—	—
	Leckford ..	9	9	9	385	57·7	43·0	50·3	—	88	27	50·4	—	721	28·37	—	1·17	20 July	164	110	3	1	6	9	18	—	—	4·71	—	39
	Long Sutton ..	9	9	9	479	59·2	41·4	50·3	*+1·2*	90	22	52·4	—	707	27·87	—	1·08	20 Oct.	144	116	5	2	5	8	30	68	—	4·75	*109*	39
	Portsmouth ..	9	9	9	15	58·7	46·5	52·6	*+1·1*	81	28	52·9	53·3	592	23·33	84	1·13	18 July	140	101	3	2	(3)	(9)	(14)	(47)	—	4·97	*101*	41
	Southampton ¶§	21	21	9	64	59·5	44·5	52·0	+1·3	81	27	—	—	660	25·98	84	·97	18 Dec.	152	105	3	1	3	17	20	59	11	4·96	110	41
	S. Farnboro' ..	18—7		7	226	58·9	43·5	51·2	*+1·4*	92	24	—	—	593	23·35	89	·96	13 Jan.	154	112	9	2	6	13	52	95	6	4·86	*111*	40
I. of Wight.	*Newport ..	9	9	9	48	—	—	—	—	79	24	—	—	643	25·31	—	1·20	13 Jan.	161	115	3	1	4	10	—	(70)	—	—	—	—
	Ryde	9	9	9	13	58·6	46·5	52·5	*+1·3*	77	30	—	—	616	24·26	—	1·20	18 Dec.	140	104	3	0	1	11	8	—	1	5·21	*109*	43
	St. Catherine's Point	18—7		7	150	56·5	47·3	51·9	—	74	30	—	—	638	25·15	—	1·50	18 Dec.	160	111	3	0	0	3	12	—	—	—	—	—
	Sandown ..	9	9	9	13	58·2	46·7	52·5	*+1·2*	75	29	—	—	640	25·22	—	1·19	18 Dec.	146	109	2	0	3	7	0	—	—	5·20	105	43
	Totland Bay ..	9	9	9	140	57·5	46·1	51·9	+1·4	81	31	—	—	673	26·47	93	1·06	18 Dec.	144	104	3	0	4	6	15	45	21	5·11	105	42
	Ventnor (Hosp.)	9	9	9	60	57·8	47·8	52·8	+1·2	76	32	—	—	636	25·03	87	1·38	13 Jan.	154	108	2	0	5	9	—	—	4	5·21	106	43
Wiltshire.	Amesbury ..	18—7		7	417	57·7	42·7	50·2	—	88	27	—	—	665	26·23	—	1·39	20 July	162	116	6	3	0	6	29	66	2	4·63	—	38
	Larkhill ..	9	9	9	440	57·2	42·6	49·9	*+1·2*	88	26	—	—	604	23·79	93	·93	22 Oct.	150	103	3	1	2	2	20	76	4	—	—	—
	Marlboro' ¶§	9	9	9	424	58·0	40·2	49·1	+1·0	91	23	(50·7)	51·0	713	28·10	90	1·10	31 Jan.	154	118	3	1	6	3	60	102	8	4·52	117	37
	Porton	9	9	9	363	57·9	41·8	49·9	*+1·4*	87	24	50·9	—	655	25·77	97	1·33	20 July	153	106	3	1	3	6	24	98	2	4·62	*105*	38
7a. ENGLAND, N.W.																														
Cumberland.	Keswick ..	9	9	9	254	55·4	42·8	49·1	+1·0	82	23	50·0	50·1	1627	64·05	117	2·77	5 Oct.	219	182	15	3	14	8	6	82	4	3·29	99	27
	Newton Rigg ¶§	21	21	9	560	(54·5)	40·6	(47·5)	(+1·0)	83	17	—	—	1015	39·98	110	1·25	16 Sept.	203	161	10	6	3	10	5	83	1	3·76	103	31
Westmorland	Ambleside ..	9	9	9	145	55·9	41·7	48·8	—	85	19	—	—	2060	81·09	—	2·50	28 Jan.	223	193	10	8	3	11	18	—	—	3·38	—	28
	Appleby ..	9	9	9	440	(54·6)	(40·1)	(47·3)	*(+1·0)*	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lancashire.	Blackpool ..	9	9	9	65	55·5	44·5	50·0	*+1·2*	86	22	51·1	51·5	1039	40·90	122	1·47	14 July	209	157	8	3	11	8	27	65	—	4·37	106	36
	Bolton	9	9	9	342	55·7	41·7	48·7	+0·4	87	22	49·3	49·2	1183	46·57	108	1·26	26 Aug.	—	—	4	10	2	4	—	37	—	3·57	127	36
	Burnley ..	9	9	9	458	54·5	41·8	48·1	*+1·0*	86	18	49·1	49·3	1081	42·57	—	·96	10 June	213	168	10	10	7	6	33	155	—	—	—	—
	Darwen ..	21	21	9	724	(54·5)	41·9	(48·2)	*(+1·3)*	86	23	48·9	48·9	1352	53·25	106	1·30	7 Aug.	217	186	16	13	13	2	52	74	—	3·80	*121*	31S
	Fleetwood ..	9	9	9	21	56·1	44·4	50·3	—	82	22	—	—	1017	40·02	—	1·20	14 July	(220)	(164)	4	1	6	9	(21)	(55)	17	4·27	—	35
	Hutton	9	9	9	82	55·9	43·1	49·5	*+1·4*	88	23	50·3	50·7	990	39·01	—	1·01	14 July	184	158	3	1	15	8	—	82	9	3·92	*109*	32
	Leyland.. ..	9	9	9	125	56·0	42·6	49·3	*+1·2*	87	21	—	—	991	39·01	112	1·20	26 Aug.	189	161	2	2	5	7	17	90	—	—	—	—
	Manchester (Burnage) ..	9	9	9	147	57·1	43·2	50·1	—	90	20	—	—	841	33·09	—	·98	12 Sept.	209	147	2	1	3	7	43	—	—	3·37	—	28
	(Whitworth Pk.)	21	21	9	125	57·1	44·1	50·6	+1·3	90	23	49·9	—	860	33·89	107	1·00	2 Aug.	198	148	7	2	6	10	93	—	6	—	—	—
	Morecambe ..	9	9	9	23	55·0	44·9	49·9	*+1·2*	86	25	—	—	1100	43·29	107	1·64	14 July	191	165	2	0	2	6	28	—	0	4·37	*107*	36
	Nelson	9	9	9	540	53·8	42·0	47·9	—	86	19	48·5	48·9	1125	44·30	—	1·11	18 June	206	158	—	—	—	—	93	76	—	3·31	—	27S
	Southport (Bedford Rd. Pk.) ¶§	9	9	9	35	56·0	44·0	50·0	+1·2	88	21	50·1	50·7	939	36·95	115	1·27	9 May	189	159	3	1	15	9	44	61	14	4·56	110	37
	Stonyhurst ¶§	9	9	9	377	54·3	42·9	48·6	+0·9	85	23	—	—	1257	49·49	106	1·79	7 Aug.	220	182	11	4	18	13	15	76	6	3·97	113	32
Cheshire.	Bidston Obs'y.	9	9	9	198	65·0	45·3	50·1	+1·0	86	26	—	—	678	26·71	96	·77	9 May	179	137	—	—	—	—	37	21	—	4·23	107	35
	Hoylake.. ..	9	9	9	22	56·9	44·7	50·8	+1·2	85	23	—	—	684	26·94	96	·91	31 July	189	151	3	2	9	7	—	69	—	4·53	110	37
	Macclesfield ..	9	9	9	500	55·4	42·9	49·1	+1·6	88	22	—	—	841	33·09	97	1·12	1 Sept.	205	155	25	5	24	12	29	—	—	—	—	—
	Manchester (Ringway) ..	18—7		7	235	55·9	43·2	49·5	—	87	19	—	—	783	30·84	—	·87	1 Sept.	201	140	7	1	18	15	41	87	6	—	—	—
	Warburton ..	9	9	9	68	56·8	41·7	49·3	—	90	17	—	—	764	30·07	—	·81	9 May	182	149	5	0	7	13	49	98	—	3·78	—	36
	West Kirby ..	9	9	9	25	56·5	44·4	50·5	*+0·8*	87	23	—	—	748	29·45	106	1·30	31 July	199	150	9	1	50	17	0	84	—	4·50	*108*	37

¶§, Ś *See* Notes on Tables on page 198. † Sunshine recorder is at Seed Trial Grounds. * Sunshine recorder and earth thermometers at Staplers

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TABLE III (*continued*).—SUMMARY of the RECORDS of TEMPERATURE, RAINFALL and SUNSHINE, and of WEATHER OBSERVATIONS, YEAR 1943

DISTRICT, COUNTY AND PLACE.	Terminal Hours of Observation. Max.	Min.	Rain.	Height of Station above Mean Sea Level.	AIR TEMPERATURE IN DEGREES FAHRENHEIT. Means of A Max.	B Min.	Mean of A and B.	Difference from Average.	Absolute Maximum and Minimum. For Dates *see* Table V.	Earth Temperature. 1 ft.	4 ft.	RAINFALL. Total Fall.		Percentage of Average.	Most in a day. Amount.	Date.	WEATHER. Number of days. Precip'n. ·01 in. (0·2 mm.) or more.	·04 in. (1 mm.) or more.	Snow.	Snow lying.	Hail.	Thunderstorm.	Fog(Morn'g Obs.)	Ground Frost.	Gale.	BRIGHT SUNSHINE Hours per day. Daily Mean.	Percentage of Average.	of Possible.
	G.M.T.			ft.	°F.	°F	°F.	°F.	°F.	°F.	°F.	mm.	in.	%	in.											hr.	%	%
7b. NORTH WALES																												
Flint. Hawarden B'dge	9	9	9	17	58·1	43·7	50·9	+1·2	88	24	—	—	—	776	30·57	—	1·08	6 July	190	132	7	0	5	5	21	—	—	—	—
Prestatyn ..	9	9	9	18	57·5	45·7	51·6	—	89	26	—	—	—	683	26·90	—	1·07	31 July	166	130	1	0	3	4	2	—	—	4·14	—	34
Rhyl	9	9	9	31	56·8	45·3	51·1	+1·5	85	25	—	—	—	664	26·14	101	·76	9 May	174	130	4	0	14	3	3	46	21	4·42	104	36
Sealand ¶§	18	7	7	16	57·3	44·7	51·0	+1·9	88	25	51·0	51·6	—	781	30·76	123	1·19	6 July	197	143	4	1	10	16	35	84	—	4·59	*122*	38
Anglesey. Holyhead ¶§	8	8	8	26	55·7	46·5	51·1	+0·9	81	30	—	—	—	852	33·54	96	1·22	8 Feb.	197	145	—	—	—	—	—	17	—	4·58	*108*	38
Holyhead (Valley)	18	7	7	32	56·1	45·5	50·8	—	85	25	—	—	—	829	32·65	—	·98	8 Feb.	194	145	5	0	11	7	10	40	37	—	—	—
Denbigh. Colwyn Bay ..	9	9	9	118	56·6	45·5	51·1	+0·8	85	25	—	—	—	753	29·63	—	1·04	8 Feb.	181	142	0	0	7	7	4	—	—	4·13	*100*	34
Carnarvon. Aber	9	9	9	60	56·6	(46·1)	(51·3)	(+0·9)	87	29	—	—	—	1153	45·38	—	1·39	8 Feb.	204	164	0	0	18	7	0	19	0	3·86	*105*	328
Llandudno ..	9	9	9	13	56·5	46·3	51·4	+1·1	86	26	—	—	—	731	28·77	102	·82	8 Feb.	193	140	1	0	19	7	1	—	4	4·26	102	35
Montgomery. Lake Vyrnwy ..	9	9	9	750	54·2	41·0	47·6	—	81	19	—	—	—	1477	58·13	—	1·53	5 Feb.	212	164	18	8	4	12	5	73	—	—	—	—
Welshpool ..	9	9	9	254	57·7	41·2	49·5	+0·9	86	21	—	—	—	731	28·77	96	1·13	9 May	167	128	5	1	1	6	20	—	—	—	—	—
8a. SOUTH WALES																												
Cardigan. Aberporth ..	18	7	7	376	54·9	45·1	50·0	—	80	23	—	—	—	993	39·11	—	·93	9 May	205	160	2	0	12	7	4	48	2	4·43	—	36
Aberystwyth ..	9	9	9	12	(56·1)	(46·1)	(51·1)	(+1·2)	83	—	—	—	—	911	35·88	—	·94	9 May	200	159	1	0	9	6	9	—	—	4·17	103	34
,, Llety-evan-hen	9	9	9	950	51·9	43·2	47·5	—	77	25	—	—	—	1137	44·78	—	1·46	18 June	212	179	3	—	2	3	—	60	—	3·59	—	29
,, P.B.S.†	9	9	9	452	54·8	44·9	49·9	+0·9	82	26	—	—	—	1064	41·90	—	1·12	9 May	230	171	4	1	11	5	(22)	56	6	4·21	*104*	34
Pembroke. Haverfordwest ..	21	21	9	127	57·1	44·0	50·5	+1·2	80	19	—	—	—	1137	44·77	—	1·36	6 Jan.	223	152	3	0	6	0	13	—	—	4·72	*105*	39
St. Ann's Hd. ¶§	18	7	7	142	55·1	(47·7)	(51·4)	(+0·9)	74	29	—	—	—	969	38·15	103	1·42	1 June	195	145	1	0	4	3	9	—	35	4·15	97	34
Tenby	9	9	9	64	56·9	46·1	51·5	+1·2	80	23	—	—	—	1075	42·31	—	1·17	9 May	204	156	1	0	7	6	5	(54)	—	4·61	103	38
Radnor. Rhayader ¶§	9	9	9	757	55·0	41·5	48·3	+1·6	82	18	—	—	—	1216	47·89	95	1·61	30 Jan.	231	155	11	2	2	6	16	124	1	(3·72)	(*102*)	(30)
Brecknock. Cantref	9	9	9	1080	53·0	41·1	47·1	—	81	20	—	—	—	1825	71·84	—	2·15	18 June	232	192	9	5	0	8	37	—	—	3·86	—	31
Crickhowell ..	9	9	9	230	58·2	42·7	50·5	—	86	22	—	—	—	1075	42·31	—	1·90	9 May	184	135	4	2	7	9	5	99	—	—	—	—
Glamorgan. Cardiff	21	21	9	203	57·8	44·6	51·2	+1·7	85	28	51·8	52·0	—	1035	40·75	98	1·24	9 May	189	146	1	1	1	0	8	(26)	0	4·54	*103*	37
St. Athan ..	18	7	7	145	56·4	45·5	51·0	—	84	28	—	—	—	895	35·25	—	1·15	31 Jan.	184	140	2	1	11	3	17	57	1	—	—	—
Swansea ..	9	9	9	32	57·6	47·0	52·3	+1·2	80	25	53·3	55·1	—	1102	43·39	—	1·25	13 Sept. 14 Sept.	201	156	2	1	9	9	11	(65)	—	4·24	*103*	35
8b. ENGLAND, S.W.																												
Monmouth. Newport ..	9	9	9	265	58·3	44·5	51·4	+1·2	87	29	51·7	53·1	—	987	38·84	—	1·42	9 May	190	132	—	—	—	—	46	—	—	4·56	—	37
Usk	9	9	9	70	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Somerset. Bath .. ¶§	9	9	9	67	58·2	44·0	51·1	+1·0	89	25	52·5	53·0	—	710	27·96	92	·86	31 Jan. 22 Oct.	153	120	2	1	8	13	25	—	8	4·54	*108*	37
Bristol (Airport)	18	7	7	209	57·9	43·9	50·9	—	88	24	—	—	—	774	30·49	—	1·01	31 Jan.	171	121	3	1	5	11	26	85	0	4·60	—	38
Cannington ..	9	9	9	95	58·9	44·9	51·9	—	85	28	—	—	—	729	28·71	—	1·16	20 Aug.	191	126	1	1	4	4	10	76	3	4·56	—	37
Long Ashton ..	9	9	9	162	58·3	43·2	50·7	+0·7	89	24	—	—	—	808	31·81	93	·79	21 Aug.	185	126	4	1	9	10	17	106	—	4·54	*107*	37
Weston-s.-Mare	9	9	9	28	58·1	45·9	52·0	—	87	26	—	—	—	719	28·33	95	1·62	14 Sept.	160	118	2	1	0	9	22	51	—	4·46	108	36
Dorset. Holton Heath ..	9	9	9	64	58·7	43·4	51·1	+1·0	78	26	53·0	53·8	—	761	29·97	—	1·08	31 Jan.	161	111	3	0	5	7	9	79	9	4·93	*108*	40
Poole	9	9	9	18	59·9	44·0	51·9	—	81	27	—	—	—	744	29·28	—	1·09	31 Jan.	146	109	0	0	0	0	15	—	—	4·76	—	39
Portland Bill ..	18	7	7	32	54·8	48·3	51·5	0·0	67	29	—	—	—	594	23·38	93	1·11	8 Dec.	129	100	0	0	0	2	3	—	0	—	—	—
Shaftesbury ..	9	9	9	722	56·0	42·2	49·1	—	84	25	—	—	—	903	35·56	—	1·27	20 Aug.	165	133	3	0	3	7	—	—	—	—	—	—
Swanage ..	9	9	9	14	57·6	46·0	51·8	—	77	30	—	—	—	713	28·06	—	1·11	10 Sept.	156	112	2	0	3	7	5	18	—	5·11	—	42
Weymouth ..	9	9	9	16	57·7	46·2	51·9	+0·4	75	31	—	—	—	705	27·80	99	1·10	22 Oct.	130	98	1	0	3	5	0	—	—	4·91	102	40
Devon. Barnstaple ..	9	9	9	25	57·6	45·0	51·3	+0·7	83	21	—	—	—	894	35·19	96	1·21	16 Oct.	(195)	(151)	—	—	—	—	2	38	—	—	—	—
Cullompton ¶§	9	9	9	202	59·9	43·3	51·6	+1·5	83	26	52·7	—	—	935	36·80	104	1·55	8 Dec.	187	134	2	1	2	4	12	89	—	4·24	97	35
Dawlish ..	9	9	9	17	58·7	45·5	52·1	—	76	28	—	—	—	823	32·43	—	2·10	14 Sept.	138	118	—	—	—	—	1	48	—	4·92	—	40
Exmouth ..	9	9	9	195	57·2	45·4	51·3	+0·7	76	25	—	—	—	824	32·44	—	1·53	14 Sept.	170	122	1	0	2	4	10	—	7	4·85	*110*	40
Hartland Pt. ..	18	7	7	299	54·8	48·2	51·5	—	82	30	—	—	—	820	32·30	—	1·35	14 Sept.	201	156	1	0	12	3	12	2	3	4·37	—	36
Ilfracombe ..	9	9	9	25	56·8	48·0	52·4	+0·8	84	29	54·3	55·1	—	957	37·70	105	1·23	16 Oct.	169	150	0	0	1	6	4	—	—	4·78	*113*	39
Killerton ..	9	9	9	159	59·3	43·1	51·2	+1·1	81	26	—	—	—	843	33·17	—	1·51	8 Dec.	146	146	—	—	—	—	4	117	—	—	—	—
*Newton Abbot	9	9	9	375	58·0	44·2	51·1	+0·4	79	26	—	—	—	1023	40·26	116	1·31	11 Jan.	178	137	1	0	2	5	5	107	—	4·41	*100*	36
Plymouth (Hoe)	21	21	9	117	57·8	46·9	52·3	+1·1	78	25	51·9	52·6	—	894	35·21	96	1·02	18 Dec.	196	144	1	0	7	14	29	52	4	4·63	101	38
Plymouth (Mount Batten) ..	18	7	7	86	57·0	46·5	51·7	+0·4	77.	25	—	—	—	944	37·18	—	1·06	16 Oct.	194	136	1	0	5	14	12	67	17	4·57	*100*	38
Princetown ..	9	9	9	1359	52·9	41·8	47·3	+1·0	78	27	—	—	—	2111	83·10	101	2·03	11 Jan.	228	202	14	12	20	13	97	52	—	—	—	—
Seaton	9	9	9	43	58·4	45·3	51·9	—	76	29	—	—	—	836	32·92	—	1·20	8 Dec.	147	119	3	0	4	8	16	55	—	—	—	—
Sidmouth ..	9	9	9	25	57·8	45·7	51·7	+1·4	75	28	—	—	—	732	28·82	—	1·28	8 Dec.	101	101	0	0	0	1	2	39	—	4·85	—	40
Tavistock ..	9	9	9	457	—	—	—	—	79	21	—	—	—	1157	45·56	96	1·39	11 Jan.	178	164	3	0	3	8	16	—	7	—	—	—
Teignmouth ..	9	9	9	20	58·4	46·2	52·3	+0·7	76	29	—	—	—	832	32·77	103	1·65	14 Sept.	165	114	1	0	6	5	2	21	—	4·94	106	41
Torquay ..	9	9	9	27	58·0	46·2	52·1	+0·4	75	29	—	54·0	—	836	32·91	100	1·96	14 Sept.	164	124	1	0	9	11	8	43	9	4·74	108	39
Totnes	9	9	9	100	58·4	42·4	50·4	—	80	23	51·3	—	—	1171	46·12	—	1·58	11 Jan.	182	148	1	0	8	6	—	126	2	—	—	—
Cornwall. Bude	9	9	9	50	57·3	46·2	51·7	+1·0	84	25	—	—	—	844	33·25	100	1·09	13 Sept.	211	148	1	0	24	5	5	—	—	4·59	*102*	38
Ellbridge ..	9	9	9	200	57·8	44·8	51·3	—	81	22	—	—	—	1237	48·68	—	1·46	8 Dec.	197	160	1	0	10	10	9	73	—	4·53	—	37
Falmouth Obs. ¶§	9	9	9	167	58·0	47·4	52·7	+1·4	78	31	54·3	(54·8)	—	937	36·91	85	·94	21 April	211	150	0	0	15	13	5	28	—	4·48	95	37
Fowey	9	9	9	51	(58·5)	45·9	(52·2)	(+0·5)	79	25	—	—	—	851	33·49	—	1·06	31 Oct.	208	156	1	0	13	5	—	—	—	(4·29)	(95)	(35)
Gulval	9	9	9	20	57·7	47·5	52·6	+0·9	79	29	—	—	—	900	35·42	—	1·31	13 Sept.	200	155	0	0	9	9	1	33	—	4·66	*100*	38
The Lizard ..	18	7	7	240	56·5	48·2	52·3	—	72	33	—	—	—	797	31·38	—	1·56	21 April	203	165	2	0	5	4	24	—	13	4·77	—	39
Newquay ..	9	9	9	182	56·9	47·1	52·0	+1·3	77	26	52·9	53·1	—	791	31·14	93	1·78	13 Sept.	208	155	0	0	21	11	7	—	8	4·57	99	38
Penzance ..	9	9	9	55	58·1	47·7	52·9	+0·4	78	31	—	—	—	944	37·15	91	1·36	13 Sept.	203	164	0	0	10	4	1	—	—	4·40	95	26
Tintagel ..	9	9	9	280	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
NORTHERN IRELAND																												
Londonderry. Castlerock ..	9	9	9	57	55·7	44·6	50·1	—	81	28	—	—	—	953	37·54	—	·99	10 Oct.	244	184	2	0	13	2	0	13	20	—	—	—
Garvagh (Moneydig)	7	7	7	121	55·5	42·2	48·9	+1·6	80	26	—	—	—	1068	42·04	108	·88	25 April	261	191	18	1	29	10	9	100	—	—	—	—
Antrim. Aldergrove ..	18	7	7	294	54·7	43·4	49·1	+1·3	78	26	—	—	—	889	35·02	106	·77	7 May	258	178	14	0	11	6	8	64	0	3·62	*100*	30
Down. Ballyhalbert ¶††	9	9	9	34	55·4	44·6	50·0	—	74	29	—	—	—	737	29·03	—	1·07	4 Sept.	201	144	9	0	15	6	2	(34)	17	3·74	—	31
Hillsborough ..	9	9	9	388	54·1	42·9	48·5	—	77	28	50·1	—	—	843	33·19	—	1·43	7 May	230	177	11	2	13	2	3	48	6	3·55	95	29
Armagh. Armagh ¶§	21	21	9	205	56·3	43·4	49·9	+1·6	88	28	51·2	50·7	—	795	31·33	99	1·09	7 May	249	164	12	1	—	—	—	40	4	3·71	105	30
Scilly. St. Mary's ¶§	18	7	7	163	57·2	49·6	53·4	+1·2	72	37	—	—	—	607	23·91	75	·86	19 July	201	136	0	0	10	1	8	—	7	4·60	98	38
GIBRALTAR.	18	7	7	400	68·3	58·7	63·5	−1·0	89	38	—	—	—	552	21·72	—	2·56	12 Mar.	87	60	0	0	1	8	4	0	3	8·29	—	69
MALTA.	18	7	7	231	71·4	61·7	66·5	+0·7	96	44	—	—	—	533	20·99	46	1·54	14 Mar.	83	60	0	0	7	23	0	—	2	8·42	*104*	69

¶§, S *See* Notes on Tables on page 198. †Plant Breeding Station.
†† Sunshine recorder is at Mount Stewart. * Seale-Hayne College.

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TABLE IV.—SUMMARY of the OBSERVATIONS of PRESSURE, TEMPERATURE, HUMIDITY, CLOUD, VISIBILITY, and WIND at fixed hours at certain Stations during the Year 1943.

DISTRICT, COUNTY AND PLACE.		Hour of Observation.	Height of Barometer above Mean Sea Level.	MEAN PRESSURE. At Mean Sea Level.	MEAN PRESSURE. Difference from Average	TEMPERATURE AND HUMIDITY. Dry Bulb.	Depression of Wet Bulb.	Vapour Pressure.	Relative Humidity.	CLOUD AMOUNT. Mean Amount.	NO. OF OBSERVATIONS 0	1 to 3	4 to 6	7 to 9	10
0. SCOTLAND, N.		GMT.	ft.	mb.	mb.	°F.	°F.	mb.	%						
Shetlands.	Sumburgh (Links) ..	1	23	1009·4	—	46·4	1·3	9·7	89	7·6	3	55	39	137	131
		7	23	1009·3	+0·4	46·8	1·5	9·7	89	8·1	2	31	39	171	122
		13	23	1009·5	—	48·5	2·0	10·0	85	8·1	0	25	54	173	113
		18	23	1009·4	—	47·7	1·7	10·0	87	7·8	1	46	43	154	121
		1	27	—	—	—	—	—	—	—	—	—	—	—	—
Hebrides.	Benbecula ..	7	27	1010·2	—	48·2	1·6	10·3	88	7·9	4	36	40	154	131
		13	27	1010·7	—	50·7	2·5	10·6	82	7·8	6	25	52	166	16
		18	27	1010·7	—	49·6	2·2	10·4	84	7·7	9	30	62	150	114
		1	83	1010·2	—	46·4	1·3	9·9	90	7·2	6	62	52	123	122
	Stornoway ..	7	83	1009·7	+0·3	47·0	1·5	10·0	89	7·8	5	35	55	155	115
		13	83	1010·0	—	50·3	2·5	10·4	82	8·1	1	26	38	199	101
		18	83	1010·2	—	48·8	2·0	10·2	86	7·9	5	31	40	171	118
		1	117	1010·7	—	45·0	1·3	9·3	89	6·8	6	75	74	96	114
Caithness.	Wick	7	117	1010·5	+1·0	45·8	1·5	9·5	88	7·8	4	32	46	180	103
		13	117	1010·7	—	49·8	2·7	10·0	81	7·9	4	25	46	200	90
		18	117	1010·7	—	47·8	2·1	9·8	84	7·5	9	36	54	173	93
		1	371	1009·2	—	46·5	1·4	9·7	89	8·5	2	13	34	223	93
Sutherland.	Cape Wrath ..	7	371	1008·9	—	46·4	1·4	9·7	89	8·8	0	7	32	228	98
		13	371	1009·3	—	48·2	1·9	10·1	86	8·9	0	1	27	251	86
		18	371	1009·2	—	47·5	1·5	10·0	89	8·8	1	7	31	226	100
		1	19	1011·5	—	44·8	1·7	8·9	86	6·7	12	84	55	116	98
Ross and Cromarty.	Invergordon ..	7	19	1011·2	—	45·7	2·0	9·0	84	7·6	6	40	62	162	95
		13	19	1011·1	—	51·5	4·1	9·6	72	7·8	3	32	55	200	75
		18	19	1011·2	—	49·1	3·3	9·4	77	7·2	5	60	56	159	85
		7	1180	969·3	—	42·4	1·6	8·1	87	8·2	1	34	30	152	148
Inverness.	Dalwhinnie † ..	13	1180	969·5	—	48·1	3·6	8·6	75	8·1	1	27	40	186	111
		18	1180	969·5	—	45·8	2·8	8·4	79	7·8	5	42	35	175	108
1. SCOTLAND, E.															
		1	24	1011·3	—	45·3	1·8	9·1	86	6·9	10	74	50	113	118
Moray.	Lossiemouth ..	7	24	1011·1	—	46·1	2·1	9·2	84	7·7	4	45	47	163	106
		13	24	1011·4	—	51·6	4·1	9·8	74	7·7	2	30	56	212	65
		18	24	1011·1	—	49·1	3·0	9·7	79	7·4	4	50	52	175	84
		7	85	1011·8	+0·9	46·6	2·5	9·0	81	7·0	3	86	22	149	105
		13	85	1011·8	—	51·1	4·1	9·3	73	7·6	1	52	37	173	102
Aberdeen.	Aberdeen H	18	85	1011·8	—	49·5	3·5	9·2	76	7·1	4	86	22	139	114
		21	85	1012·2	—	47·5	2·6	9·2	81	6·4	15	101	30	97	122
		h.*	85	1011·9	+0·8	48·1	3·0	9·3	79						
	Braemar ‡ ..	9	1108	1012·7	+1·5	45·3	2·8	8·2	78	7·8	9	39	42	105	170
		1	237	1011·9	—	44·6	1·5	8·9	87	6·7	21	73	43	112	116
	Dyce	7	237	1011·8	—	45·2	1·8	9·0	85	7·3	5	62	36	160	102
		13	237	1011·8	—	51·0	3·6	9·8	75	7·8	3	35	38	194	95
		18	237	1011·7	—	48·5	2·8	9·5	80	7·3	7	58	48	141	111
		1	22	1012·7	—	45·7	1·7	9·3	87	6·3	19	96	40	108	102
Angus.	Montrose (Airfield) ..	7	22	1012·5	—	46·0	1·8	9·3	86	7·0	2	88	37	146	92
		13	22	1012·4	—	51·8	3·9	9·9	75	7·4	2	45	58	165	95
		18	22	1012·4	—	49·7	3·0	9·8	79	6·7	2	81	59	140	83
		1	33	1012·5	—	44·8	1·5	9·2	87	6·6	28	76	42	92	127
Perth.	Errol	7	33	1012·4	—	45·4	1·7	9·3	86	7·1	3	76	39	134	113
		13	33	1012·5	—	52·1	4·0	10·0	73	7·7	3	40	44	176	102
		18	33	1012·3	—	49·8	3·2	9·9	78	7·0	6	67	56	142	94
		1	36	1012·6	—	45·6	1·5	9·5	88	6·6	23	65	52	103	122
Fife.	Leuchars H	7	36	1012·4	+1·1	45·9	1·7	9·5	87	7·5	6	50	40	150	119
		13	36	1012·4	—	52·5	4·2	10·0	73	8·0	4	28	48	177	108
		18	36	1012·3	—	50·3	3·3	10·0	78	7·2	7	53	62	139	104
Mid Lothian.	Edinburgh (Blackford Hill) ..	9	441	1012·9	—	48·0	2·7	9·3	80	7·0	13	54	63	114	121
		21	441	1013·2	—	46·8	2·3	9·2	83	6·6	36	67	46	70	146
		1	312	1012·4	—	46·7	1·7	9·6	87	6·4	4	101	63	105	92
Berwick.	St. Abb's Head	7	312	1012·2	—	46·6	1·6	9·6	87	7·1	2	65	62	146	90
		13	312	1012·4	—	50·5	2·9	10·2	80	7·5	3	34	68	174	86
		18	312	1012·3	—	49·6	2·6	10·1	81	7·1	0	48	79	158	80
6a. SCOTLAND, W.															
		1	27	1012·0	—	48·1	1·2	10·6	91	6·8	19	70	55	94	127
Argyll.	Tiree	7	27	1011·7	+1·5	48·8	1·5	10·7	89	7·9	8	36	43	136	142
		13	27	1012·1	—	51·4	2·3	11·1	84	7·7	9	28	66	140	122
		18	27	1011·9	—	50·1	2·0	10·8	86	7·5	8	45	57	131	124
		9	187	1013·5	+1·6	49·3	1·9	10·5	86	7·2	5	35	70	200	55
Bute.	Rothesay ..	21	187	1013·7	—	48·0	1·5	10·3	88	6·7	9	65	76	138	77
		1	24	1013·1	—	46·3	1·5	9·8	89	7·1	21	57	46	90	151
		7	24	1013·0	+1·2	46·7	1·6	9·8	88	7·8	12	36	33	143	141
Renfrew.	Renfrew (Abbotsinch) ..	13	24	1013·1	—	52·9	4·0	10·4	75	8·2	5	22	36	186	116
		18	24	1012·9	—	50·7	3·1	10·4	80	7·6	6	36	40	168	115
		7	778	1013·6	+1·0	43·5	1·5	8·7	88	7·8	10	40	41	95	179
Dumfries.	Eskdalemuir ‡‡ H	13	778	1013·3	—	50·1	3·7	9·4	75	7·9	4	29	54	145	133
		18	778	1013·4	—	47·2	2·5	9·3	82	7·5	5	47	54	134	125
		21	778	1014·0	—	44·3	1·5	8·9	87	7·0	17	66	44	89	149
		h.*	778	1013·6	+1·0	45·6	2·2	8·9	84						

DISTRICT, COUNTY AND PLACE.		VISIBILITY. NUMBER OF OBSERVATIONS. FOG 0	1	2	3	Mist. 4	Poor Vis. 5	Mod. Vis. 6	GOOD VISIBILITY. 7	8	9	WIND, NUMBER OF OBSERVATIONS. FORCE (0-12). 8 or more.	6 to 7	4 to 5	1 to 3	Calm.	DIRECTION. N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
0. SCOTLAND, N.																								
Shetlands.	Sumburgh (Links) ..	0	1	4	3	9	15	*51*	*75*	*192*	*15*	23	75	143	112	12	40	19	24	37	62	60	68	43
		0	1	3	1	5	10	*53*	*59*	*203*	*30*	21	79	142	114	9	33	26	27	36	55	64	73	42
		0	1	1	3	4	9	*51*	*50*	*182*	*64*	25	80	160	99	1	21	23	26	49	62	70	80	33
		1	0	1	1	4	17	*54*	*57*	*179*	*51*	20	88	148	106	3	20	26	22	44	59	71	68	52
		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hebrides.	Benbecula ..	0	0	1	2	4	8	*43*	82	*184*	41	11	90	147	108	9	22	17	30	48	71	69	61	38
		0	0	0	0	6	9	*45*	*48*	*186*	*71*	13	87	172	90	3	20	17	22	38	69	90	67	39
		0	0	1	0	2	9	*48*	61	*183*	61	9	96	147	110	3	28	16	28	26	77	81	71	35
		0	0	2	0	0	3	52	178	124	6	14	67	118	127	39	13	21	22	27	73	91	55	24
	Stornoway ..	*0*	0	2	0	0	3	52	115	154	23	17	81	114	116	37	18	19	25	34	71	81	54	26
		0	1	1	2	0	12	57	115	154	23	17	81	114	116	37	18	19	25	34	71	81	54	26
		0	0	0	0	0	12	38	79	201	35	24	104	135	84	18	19	24	23	34	62	96	61	28
		0	0	0	0	1	16	60	95	161	32	15	97	132	100	21	24	30	21	20	66	89	63	31
Caithness.	Wick	2	3	5	1	3	9	46	68	180	48	5	29	107	196	28	13	18	10	41	65	95	47	48
		1	3	4	3	6	10	41	44	175	78	5	22	104	218	16	15	17	15	46	60	97	46	53
		0	0	3	2	2	6	35	44	123	150	7	34	133	185	6	21	18	18	64	71	61	56	50
		0	0	2	1	7	6	44	45	144	116	6	23	126	194	16	18	21	14	58	59	83	41	55
Sutherland.	Cape Wrath ..	9	11	2	1	*0*	0	9	69	*208*	56	10	53	159	143	0	39	6	45	44	22	120	49	40
		4	15	2	0	*0*	0	16	69	*185*	74	12	60	150	142	1	33	10	44	33	18	135	60	31
		11	9	1	0	*0*	0	19	77	*182*	66	10	63	151	141	0	31	11	42	29	19	127	73	33
		0	1	0	0	6	8	55	57	205	33	2	25	87	161	90	8	20	17	6	12	71	100	41
Ross and Cromarty.	Invergordon ..	1	0	1	1	3	2	51	39	203	64	2	27	94	164	78	10	21	23	10	17	81	91	34
		0	0	0	0	1	5	30	43	153	133	4	46	127	163	25	10	15	45	23	20	94	95	38
		0	0	0	0	2	12	37	50	163	101	3	32	124	172	34	9	22	41	16	25	90	94	34
		0	0	1	2	9	12	55	161	125	*0*	0	2	69	270	24	29	27	6	23	86	102	46	22
Inverness.	Dalwhinnie † ..	0	0	0	0	2	3	43	142	175	*0*	0	2	116	243	4	32	18	8	23	75	125	53	27
		1	0	0	0	4	6	52	141	161	*0*	1	0	97	254	13	24	21	8	23	78	106	71	21
1. SCOTLAND, E.																								
		0	1	0	1	1	6	35	52	*198*	71	1	10	95	241	18	17	8	29	52	49	115	56	21
Moray.	Lossiemouth ..	0	1	0	0	1	11	25	33	*186*	108	1	12	101	239	12	17	7	30	55	51	119	47	27
		1	0	0	2	5	25	35	*149*	148		0	29	140	193	3	23	24	37	31	36	94	79	38
		0	0	1	2	5	33	37	*174*	112		0	21	125	208	11	16	13	48	44	38	88	73	34
		0	2	3	14	27	17	73	*59*	151	*19*	0	2	65	276	22	22	7	15	22	66	91	42	78
		0	0	0	7	23	13	77	*48*	157	*40*	0	14	109	240	2	25	7	23	41	82	69	46	70
Aberdeen.	Aberdeen H	0	1	6	28	20	68	*66*	137	*13*	1	4	84	267	9	23	18	21	37	82	64	50	61	
		0	1	4	8	29	26	85	*74*	134	*4*	0	5	54	292	14	27	7	12	25	87	71	57	65
		0	*0*	*0*	*1*	*26*	*119*	*142*	*51*	*25*	*1*	2	18	69	224	52	30	14	31	20	41	81	43	53
	Braemar ‡ ..	2	3	2	6	6	20	*49*	*67*	138	72	0	18	100	175	72	20	5	7	23	53	70	68	47
		0	3	3	6	14	14	*56*	*31*	122	115	0	13	98	198	56	21	7	13	29	59	72	55	53
	Dyce	1	3	3	6	14	14	*56*	*31*	122	115	0	13	98	198	56	21	7	13	29	59	72	55	53
		1	0	0	1	14	13	*61*	*46*	109	121	1	36	144	170	14	24	7	25	47	74	59	46	69
		1	1	4	15	16	*63*	*40*	114	111		1	27	108	196	33	26	9	20	49	68	53	52	55
Angus.	Montrose (Airfield) ..	0	3	3	*3*	*4*	*32*	84	91	85	*60*	0	9	73	242	41	20	17	22	17	36	77	107	28
		0	0	0	*4*	5	*30*	63	83	100	*80*	0	7	70	263	25	19	25	25	16	38	81	106	30
		0	0	2	*3*	5	*19*	58	78	72	*128*	0	20	132	210	3	22	18	29	38	52	86	91	26
		0	0	2	18	*25*	59	67	90	*102*		0	12	108	226	19	14	14	42	29	55	80	80	32
Perth.	Errol	1	8	4	5	12	22	81	81	*128*	*23*	1	13	61	225	65	17	27	33	8	23	106	74	12
		0	2	7	8	30	66	74	*119*	*57*		0	13	59	249	44	14	29	27	16	27	109	84	15
		0	0	1	7	2	13	64	75	*143*	*60*	0	22	122	206	15	12	34	38	23	20	113	76	26
		0	1	3	3	6	23	53	66	*146*	*64*	0	11	115	222	17	11	30	51	14	30	109	87	16
Fife.	Leuchars H	0	1	5	8	11	27	104	75	*119*	*15*	3	12	70	184	96	3	9	26	17	24	96	76	18
		0	0	4	3	12	35	89	93	*99*	*30*	1	11	77	212	64	10	21	24	16	21	101	85	23
		0	2	1	1	9	21	94	61	*129*	*47*	3	30	141	168	23	10	19	49	28	25	97	88	26
		0	2	2	7	17	22	81	68	*112*	*54*	1	25	111	191	37	12	17	42	33	29	89	83	23
Mid Lothian.	Edinburgh (Blackford Hill) ..	2	4	2	8	20	28	150	2	*147*	2	0	24	105	202	34	9	23	19	27	44	81	98	30
		—	—	—	—	—	—	—	—	—	—	2	31	89	192	51	6	8	24	24	51	75	107	19
		1	1	1	1	16	*31*	282	*21*	*0*		0	2	28	164	160	11	27	8	12	43	44	91	101	28
Berwick.	St. Abb's Head	5	1	1	4	16	*39*	211	*77*	*3*		4	28	147	171	15	28	11	11	41	43	89	102	25
		2	5	0	5	3	11	*42*	186	*105*	*6*	4	32	144	175	10	33	13	25	44	44	70	85	41
		3	5	2	3	3	13	*37*	215	*77*	*7*	5	31	145	170	14	34	9	17	59	45	68	91	28
6a. SCOTLAND, W.																								
		0	2	2	2	2	13	49	106	*155*	34	9	51	116	158	31	22	10	18	31	71	68	67	47
Argyll.	Tiree	0	0	1	2	1	13	52	94	*134*	68	9	57	114	175	10	26	10	14	46	68	67	79	45
		0	0	0	0	5	15	48	65	*135*	97	7	46	145	162	5	28	10	11	48	66	80	75	42
		0	0	0	1	6	14	46	84	*126*	88	6	41	152	159	7	24	12	14	40	61	74	78	55
Bute.	Rothesay ..	0	0	0	*0*	*1*	*12*	120	*56*	*173*	3	9	9	55	292	0	16	6	60	17	58	23	80	105
		0	0	0	*0*	*0*	*14*	128	*105*	*118*	0	16	9	60	280	0	17	4	45	16	68	28	64	123
		1	4	11	36	54	139	82	33	*1*		1	4	62	235	63	2	26	47	15	38	100	66	8
Renfrew.	Renfrew (Abbotsinch) ..	0	1	6	15	40	37	109	78	72	7	0	6	62	230	67	2	21	52	15	37	88	69	14
		0	4	3	10	6	32	79	58	121	*52*	0	16	130	196	23	11	22	32	21	40	87	99	30
		2	2	7	9	29	27	75	73	108	*33*	0	6	118	222	19	10	20	43	15	45	89	95	29
		1	3	9	17	22	*112*	*46*	*146*	*0*		1	22	79	181	82	28	21	13	18	66	75	34	28
Dumfries.	Eskdalemuir ‡‡ H	1	5	0	5	3	10	*93*	*41*	*207*	*0*	4	36	140	163	22	22	30	12	24	67	95	63	30
		1	5	1	8	8	16	*92*	*53*	*179*	*2*	2	25	117	181	140	24	29	14	13	59	89	62	35
		0	5	2	12	20	16	*93*	*50*	*167*	*0*	1	25	90	165	84	31	25	9	10	53	77	49	27

* Mean of hourly readings. † Pressure at Station Level. ‡ Mean Pressure at Station Level is 971·3 mb. ‡‡ Mean pressures at Station Level are 984·8 mb. at 7 hr., 984·9 mb. at 13 hr., 984·8 mb at 18 hr., and 985·2 mb. at 21 hr.

SECRET

TABLE IV (*continued*).—SUMMARY of the OBSERVATIONS of PRESSURE, TEMPERATURE, HUMIDITY, CLOUD, VISIBILITY and WIND at fixed hours at certain Stations during the Year 1943.

DISTRICT, COUNTY AND PLACE.		Hour of Observation.	Height of Barometer above Mean Sea Level.	MEAN PRESSURE.		TEMPERATURE AND HUMIDITY.				CLOUD AMOUNT.						VISIBILITY.										WIND, NUMBER OF OBSERVATIONS.																
											NO. OF OBSERVATIONS.					NUMBER OF OBSERVATIONS.										FORCE (0-12).					DIRECTION.												
				At Mean Sea Level.	Difference from Average	Dry Bulb.	Depression of Wet Bulb.	Vapour Pressure.	Relative Humidity.	Mean Amount.	0	1 to 3	4 to 6	7 to 9	10	FOG 0	FOG 1	FOG 2	FOG 3	Mist. Poor vis. 4	Mod. Vis. 5	GOOD VISIBILITY. 6	GOOD VISIBILITY. 7	GOOD VISIBILITY. 8	GOOD VISIBILITY. 9	8 or more.	6 to 7	4 to 5	1 to 3	Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
6b. ISLE OF MAN		GMT	ft.	mb.	mb.	°F.	°F.	mb.	%																																
Isle of Man.	Douglas H	9	286	1014·9	+1·8	50·0	2·7	10·2	81	6·2	0	38	137	176	14	0	1	0	*12*	3	27	190	*102*	*30*	*0*	5	76	199	85	0	26	15	32	45	30	47	104	66
	Point of Ayre	1	31	1014·2	—	48·9	1·7	10·5	87	5·8	27	116	28	94	100	0	2	0	0	0	4	24	*70*	*265*	0	6	50	149	145	15	42	9	18	19	44	53	108	57
		7	31	1013·9	—	49·2	1·6	10·7	88	6·8	7	87	41	123	107	0	1	1	4	0	0	18	*73*	*268*	0	9	55	169	122	10	33	15	22	18	51	47	99	70
		13	31	1014·5	—	54·3	3·6	11·2	76	6·8	12	76	37	144	96	0	0	0	1	3	0	22	*67*	*272*	0	4	76	174	107	4	36	9	20	26	46	39	100	85
		18	31	1014·1	—	52·1	2·8	11·0	82	6·6	14	96	36	117	102	0	0	0	1	1	5	22	*56*	*280*	0	5	59	159	128	14	47	10	20	19	35	58	94	68
2. ENGLAND, N.E.																																									
Northum-berland.	Cockle Park ..	9	331	—	—	49·5	2·6	10·0	81	7·3	6	43	59	161	96	0	5	1	2	7	*30*	87	*0*	215	*18*	3	12	56	277	17	22	9	25	29	33	48	122	60
		21	331	—	—	46·5	1·9	9·4	85	6·7	5	81	51	136	92	1	6	5	9	24	*58*	186	*0*	67	*9*	1	7	74	239	44	14	10	18	22	33	39	130	55
	Ouston ..	1	435	1014·4	—	44·4	1·1	9·4	91	6·1	35	87	44	89	110	2	10	2	10	38	30	*95*	96	81	*1*	2	21	84	233	25	12	14	21	29	27	70	134	33
		7	435	1014·2	—	44·9	1·3	9·5	90	7·2	8	72	39	122	124	1	9	2	8	31	29	*79*	72	123	*11*	3	23	84	228	27	11	15	22	33	32	64	131	30
		13	435	1014·1	—	51·5	3·5	10·3	77	7·8	6	33	43	184	99	0	1	2	7	18	24	*65*	59	160	*29*	3	39	126	189	8	19	21	34	24	28	72	125	34
		18	435	1014·2	—	49·0	2·4	10·2	83	7·0	6	73	54	130	102	2	3	1	7	24	22	*80*	62	146	*18*	3	33	94	219	16	15	24	42	21	26	66	128	27
	Tynemouth ..	1	122	1014·6	—	47·6	2·0	9·7	84	(5·9)	(48)	(79)	(53)	(115)	(70)	0	0	2	5	21	18	123	*194*	2	*0*	7	28	98	227	5	32	12	15	24	59	42	135	41
		7	122	1014·4	+2·1	47·2	2·1	9·5	84	(8·5)	(15)	(77)	(64)	(139)	(70)	0	1	2	9	47	41	118	*142*	5	*0*	9	22	96	237	1	26	8	17	11	61	79	123	39
		13	122	1014·7	—	52·1	3·9	10·1	74	(7·1)	(4)	(35)	(92)	(187)	(47)	0	3	2	10	29	16	105	*174*	26	*0*	17	38	122	188	0	42	16	25	41	44	65	116	16
		18	122	1014·3	—	50·8	3·2	10·0	78	(8·7)	(7)	(53)	(96)	(168)	(41)	1	3	1	4	32	17	121	*159*	27	*0*	9	32	120	203	1	29	25	20	36	58	65	110	21
Durham.	Durham ..	9	352	1013·7	+0·8	48·8	—	—	—	7·0	10	39	107	80	129	0	8	4	11	22	47	151	96	*26*	*0*	1	7	50	270	37	16	23	9	14	66	96	57	47
		21	352	1014·0	—	46·9	—	—	—	6·5	26	58	73	84	134	0	2	3	4	10	15	208	113	*10*	*0*	0	4	44	203	114	13	8	8	8	50	77	61	26
Yorks. N. Riding.	Catterick H	1	181	1015·1	—	45·2	1·2	9·7	91	6·4	45	60	50	85	125	2	8	7	25	42	38	*79*	98	66	*0*	1	10	51	222	81	19	10	5	17	61	67	67	38
		7	181	1014·9	—	45·5	1·5	9·6	89	7·3	11	46	53	124	131	8	19	16	24	32	21	*65*	75	92	*13*	1	9	54	240	61	20	16	5	36	76	49	47	55
		13	181	1014·8	—	53·5	4·3	10·5	74	7·8	4	26	58	176	101	1	6	8	19	29	21	*63*	60	126	*32*	1	11	96	239	18	32	27	9	31	58	75	71	44
		18	181	1014·8	—	50·7	3·1	10·4	80	7·2	10	47	68	143	97	4	4	11	16	34	28	*65*	68	128	*7*	0	8	75	258	24	24	36	12	25	62	68	76	38
	Linton-on-Ouse	1	47	1015·1	—	45·4	1·3	9·6	89	5·9	55	79	28	85	118	5	7	10	15	29	41	119	79	56	4	0	4	32	254	75	14	10	18	31	52	53	70	42
		7	47	1015·0	—	45·4	1·5	9·6	89	7·0	25	61	37	113	129	8	18	7	14	35	34	101	52	85	11	0	9	41	250	65	21	12	4	39	49	61	55	59
		13	47	1015·0	—	55·0	5·0	10·5	70	7·6	8	40	55	158	104	0	3	3	8	28	29	97	50	94	53	0	16	100	215	34	28	12	17	34	45	70	81	44
		18	47	1015·1	—	52·0	3·7	10·3	76	7·0	6	69	62	123	105	1	2	5	18	19	28	91	51	103	47	0	9	70	243	43	26	15	25	33	33	61	94	35
	Scarborough ..	9	96	1014·4	+1·3	51·1	3·2	10·3	78	5·6	8	130	59	124	44	0	19	6	2	3	28	157	132	*18*	*0*	1	12	122	230	0	24	7	10	46	48	74	88	68
	Thornaby ..	1	60	1014·3	—	46·1	1·8	9·5	86	5·8	58	77	35	92	103	0	5	*3*	16	*41*	36	103	89	72	0	1	12	82	227	43	10	12	9	16	104	100	48	23
		7	60	1014·1	—	46·2	1·9	9·5	85	6·8	23	66	34	134	108	1	10	*18*	10	*34*	23	102	48	115	4	1	8	88	224	44	11	13	9	16	93	96	63	20
		13	60	1014·1	—	54·4	5·1	10·1	69	7·5	7	38	53	181	86	1	2	*4*	9	*25*	22	102	50	135	15	0	22	154	183	6	26	29	20	16	78	102	67	21
		18	60	1014·1	—	51·6	3·8	10·0	75	6·7	21	66	46	146	86	0	2	*8*	11	*28*	33	94	52	116	21	0	13	101	237	14	29	42	18	27	68	95	61	11
	York	9	53	1015·7	+2·0	50·1	3·3	9·9	79	7·0	17	67	48	105	128	—	—	—	—	—	—	—	—	—	—	2	9	37	317	0	26	22	15	30	66	57	86	63
Yorks. E. Riding.	Driffield ..	1	89	1015·3	—	45·6	1·4	9·6	89	5·7	57	81	38	83	106	4	7	6	14	28	47	140	*98*	*21*	*0*	0	7	50	278	30	15	16	19	16	38	75	94	62
		7	89	1015·1	—	45·9	1·6	9·6	87	6·7	22	75	38	108	122	5	19	6	11	30	43	130	*64*	*55*	*2*	0	6	83	234	42	24	23	10	23	40	77	73	53
		13	89	1015·1	—	54·2	5·1	10·0	69	7·4	6	46	63	147	103	0	1	1	8	16	39	103	*74*	*119*	*4*	1	28	128	206	2	24	20	32	29	48	85	82	43
		18	89	1015·0	—	51·2	3·7	10·1	77	6·6	17	78	45	136	89	0	5	4	6	25	34	111	*72*	*107*	*1*	1	9	78	265	12	26	28	39	40	73	81	37
	Spurn Head ..	1	57	1015·7	—	—	—	—	—	5·9	66	55	59	94	91	*6*	*6*	0	5	7	*25*	*110*	206	0	*0*	6	39	160	160	0	21	15	17	32	53	89	80	58
		7	57	1015·4	+2·4	—	—	—	—	6·8	25	56	59	133	92	*4*	*5*	3	3	12	*27*	*111*	176	24	*0*	4	47	170	143	1	19	22	20	29	57	82	68	67
		13	57	1015·5	—	—	—	—	—	7·3	13	34	64	171	83	*3*	*1*	1	3	13	*36*	*100*	183	21	*4*	8	57	160	138	2	23	23	37	53	34	76	70	47
		18	57	1015·4	—	—	—	—	—	6·9	22	44	78	141	80	*4*	*2*	3	5	4	*31*	*104*	194	18	*0*	4	49	158	154	0	28	23	30	65	41	67	73	38
Lincoln.	Cranwell H	1	208	1015·9	—	46·0	1·2	9·9	91	5·5	87	59	38	61	120	2	12	7	16	32	43	*172*	65	16	*0*	0	15	103	229	18	18	21	27	19	31	77	117	37
		7	208	1015·8	—	46·2	1·4	10·0	87	6·8	28	70	36	113	118	4	18	11	15	21	48	*158*	67	23	*0*	0	15	122	209	19	27	17	21	17	42	72	105	45
		13	208	1015·7	—	55·1	5·1	10·5	70	7·5	11	39	46	169	100	1	4	3	9	17	22	*123*	95	89	*2*	3	32	180	146	4	23	19	25	26	45	74	98	51
		18	208	1015·5	—	52·2	3·8	10·4	77	6·7	26	57	54	132	96	1	8	1	12	24	28	*115*	93	70	*13*	0	19	136	204	6	20	22	35	26	37	77	93	49
3. ENGLAND, E.																																									
Norfolk.	Cromer H	9	74	1016·3	—	50·0	1·9	11·0	88	6·2	48	1	130	107	79	0	6	3	4	2	23	*304*	*23*	*0*	*0*	1	13	76	271	4	20	17	18	44	63	63	64	72
	Gorleston ..	1	26	1016·2	—	48·9	2·1	10·3	85	5·4	92	45	57	74	97	0	3	2	3	*5*	29	*109*	*213*	1	*0*	0	13	85	256	11	29	21	20	22	38	79	80	65
		7	26	1016·1	+2·1	48·1	1·9	10·1	86	6·7	30	48	66	127	94	0	1	8	9	*10*	27	*103*	*205*	2	*0*	2	13	92	247	11	34	24	19	20	32	78	76	71
		13	26	1016·0	—	53·7	3·9	10·8	74	7·0	24	37	69	149	86	0	2	1	4	*4*	11	*89*	*250*	4	*0*	4	21	157	177	6	49	36	29	39	46	53	52	55
		18	26	1016·0	—	53·0	3·7	10·8	76	6·7	38	26	87	119	95	0	2	2	5	*5*	34	*103*	*208*	6	*0*	2	16	108	226	13	48	29	22	38	61	59	50	45
Suffolk.	Felixstowe Airfield ..	7	16	1016·7	—	48·6	1·7	10·6	87	6·6	35	60	42	106	122	4	5	*2*	6	42	57	*118*	*88*	*43*	*0*	1	16	127	210	11	33	27	19	22	34	74	80	65
		13	16	1016·7	—	55·7	4·6	11·2	72	7·2	24	38	40	176	87	0	2	2	6	13	38	*86*	*97*	*121*	*0*	3	25	178	153	6	21	37	19	40	74	60	54	54
		18	16	1016·6	—	53·3	3·6	11·1	77	6·5	28	65	53	133	86	1	2	1	4	16	55	*83*	*87*	*114*	*2*	1	17	153	185	9	26	37	24	33	69	68	61	38
		1	405	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Stradishall ..	7	405	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		13	405	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		18	405	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Mildenhall H	1	40	1016·5	—	46·5	1·4	10·1	89	5·6	77	66	30	87	105	7	10	5	11	28	30	*109*	96	*69*	*0*	0	9	72	267	17	17	25	20	39	52	113	55	57
		7	40	1016·5	—	46·5	1·5	10·1	89	6·7	23	76	38	104	124	8	19	3	17	24	37	*100*	81	*76*	*0*	0	7	89	249	20	17	17	18	42	43	99	69	40
		13	40	1016·3	—	56·4	5·7	10·6	68	7·5	8	46	40	183	88	1	2	0	5	14	20	*67*	67	*183*	*6*	0	20	151	175	19	25	18	16	26	44	91	74	52
		18	40	1016·1	—	53·8	4·5	10·5	74	6·5	19	67	52	136	91	3	2	5	5	31	23	*70*	60	*160*	*6*	0	8	111	227	19	26	24	23	31	42	87	77	36
Cambridge.	Cambridge H	9	43	1017·3	+2·7	51·3	3·4	10·5	78	6·7	46	46	47	88	138	—	—	—	—	—	—	—	—	—	—	0	8	62	239	56	23	25	10	23	45	76	49	58
		21	43	1016·7	—	49·1	2·4	10·4	84	5·3	124	29	29	47	136	—	—	—	—	—	—	—	—	—	—	0	3	30	295	37	12	38	29	39	38	87	34	51
		1	519	1017·0	—	45·4	1·1	9·8	91	5·7	70	70	33	65	127	0	3	5	11	18	26	198	93	11	0	0	11	101	219	34	12	30	26	29	47	127	46	14
Bedford.	Dunstable H	7	519	1017·0	—	45·7	1·2	9·9	91	6·7	37	56	52	92	128	5	12	7	15	17	46	183	63	17	0	0	9	118	211	27	19	26	18	36	39	122	61	17
		13	519	1016·6	—	54·3	5·1	10·3	71	7·3	16	38	54	148	109	0	4	2	8	12	26	129	95	89	0	1	22	189	142	11	26	27	21	20	43	91	84	42
		18	519	1016·6	—	51·7	3·9	10·1	76	6·4	33	55	69	108	100	2	5	1	8	15	22	149	91	72	0	0	15	134	188	28	25	30	23	24	35	106	65	29
Hertford.	Rothamsted ..	9	396	1016·7	+2·1	49·9	3·0	10·0	82	6·2	21	86	52	116	90	—	—	—	—	—	—	—	—	—	—	—	—	—	—	24	37	28	26	19	36	61	64	70
Essex.	Shoeburyness H	7	12	1017·3	—	48·8	1·9	10·6	87	6·5	32	58	47	104	124	0	9	5	8	39	72	125	62	45	0	0	5	78	257	25	46	19	14	27	36	63	83	52
		13	12	1017·5	—	56·5	5·2	11·2	70	7·0	19	47	59	149	91	0	1	2	4	14	44	114	68	114	4	1	5	113	233	13	26	21	32	27	61	77	60	48
		18	12	1017·3	—	53·5	3·7	11·1	77	6·7	24	55	64	130	92	0	3	5	6	17	56	104	61	105	8	1	6	90	246	22	28	34	28	27	48	85	50	43
4. MIDLAND COUNTIES																																									
		1	55	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Yorks. W.R.	Finningley ..	7	55	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		13	55	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		18	55	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Harrogate ..	9	478	1014·9	+1·4	49·3	3·2	9·5	78	7·2	11	59	46	135	114	3	19	*14*	16	16	57	51	*59*	80	50	3	12	58	290	2	48	19	20	26	43	61	112	34
Nottingham.	Nottingham ..	9	215	1015·5	+1·4	49·4	2·9	9·8	80	6·8	31	54	50	107	123	11	25	13	47	65	39	135	30	*0*	*0*	0	8	45	311	1	16	40	33	8	26	61	154	26

SECRET

TABLE IV. (*continued*).—SUMMARY of the OBSERVATIONS of PRESSURE, TEMPERATURE, HUMIDITY, CLOUD, VISIBILITY, and WIND at fixed hours at certain Stations during the Year, 1943.

DISTRICT, COUNTY AND PLACE.		Hour of Observation.	Height of Barometer above Mean Sea Level.	MEAN PRESSURE. At Mean Sea Level	MEAN PRESSURE. Difference from Average	TEMPERATURE AND HUMIDITY. Dry Bulb.	Depression of Wet Bulb.	Vapour Pressure.	Relative Humidity.	CLOUD AMOUNT. Mean Amount.	NO. OF OBSERVATIONS. 0	1 to 3	4 to 6	7 to 9	10
4. MIDLAND COUNTIES—*cont.*		GMT	ft.	mb.	mb.	°F.	°F.	mb.	%						
Warwick.	Birmingham H	7	542	1016·4	+1·9	46·6	1·7	9·8	88	7·1	36	47	33	117	132
		13	542	1016·3	—	53·8	5·1	9·9	69	7·4	15	37	51	157	105
		18	542	1016·1	—	52·8	4·6	9·9	72	6·8	23	62	49	126	105
	Honiley ..	1	431	1016·8	—	46·0	1·2	10·0	91	5·8	63	74	38	71	119
		7	431	1016·6	—	45·9	1·2	9·9	91	7·3	20	51	34	136	124
		13	431	1016·4	—	54·3	4·7	10·5	73	7·7	10	32	47	180	96
		18	431	1016·2	—	52·7	3·9	10·5	77	6·8	21	60	52	145	87
Oxford.	Oxford ..	9	212	1017·3	+2·1	50·5	3·5	9·8	78	6·5	31	77	38	81	138
	Upper Heyford	1	423	1016·8	—	45·8	1·3	9·9	91	5·9	56	80	29	81	119
		7	423	1016·7	—	45·8	1·3	9·9	92	7·3	22	51	32	126	134
		13	423	1016·5	—	54·9	5·2	10·3	71	7·5	13	36	50	166	100
		18	423	1016·2	—	52·9	4·3	10·3	75	6·7	20	69	44	146	86
Shropshire.	Shrewsbury H	9	186	1016·0	—	50·4	3·1	10·2	79	7·4	19	38	63	86	159
	Tern Hill ..	1	294	—	—	46·3	1·3	10·0	90	6·2	63	62	31	68	141
		7	294	—	—	46·2	1·3	9·9	90	7·4	23	41	32	142	127
		13	294	—	—	54·4	4·6	10·6	72	7·7	10	27	44	189	95
		18	294	—	—	52·5	3·7	10·6	77	6·8	14	71	48	137	95
Hereford.	Ross-on-Wye H	7	226	1016·6	+2·1	47·0	1·8	9·9	85	6·7	15	85	36	112	117
		13	226	1016·4	—	55·5	5·4	10·4	68	6·9	8	63	72	128	94
		18	226	1016·3	—	53·6	4·6	10·3	72	6·1	13	101	47	125	79
Gloucester.	Cheltenham H	9	209	1017·2	+2·5	51·9	3·3	10·5	78	7·5	9	29	69	151	107
		21	209	1017·5	—	50·8	2·2	11·0	85	6·4	33	28	115	101	88
5. ENGLAND, S.E.		9	152	1017·3	+2·1	51·8	3·8	10·3	76	6·9	32	56	38	104	135
London.	Greenwich H	15	152	1016·6	—	57·1	6·7	10·1	63	7·2	15	37	66	137	110
		21	152	1017·3	—	50·4	3·0	10·3	80	6·1	75	55	23	61	151
		h.*	152	1017·0	+2·1	51·4									
	Kew Obs'y. H	7	34	1017·3	+2·3	48·4	2·2	10·1	85	7·3	20	60	34	113	138
		13	34	1017·0	—	55·9	5·9	10·0	66	7·6	18	26	30	209	82
		18	34	1016·9	—	54·6	5·2	10·1	70	7·0	29	46	51	145	94
		21	34	1017·5	—	51·1	3·2	10·3	79	6·0	69	49	42	101	104
		h.*	34	1017·1	+2·2	51·5	3·6	10·1	77						
	Kensington ..	9	66	—	—	51·9	3·4	10·5	78	6·5	9	64	91	137	64
		15	66	—	—	57·5	6·1	10·7	65	6·4	7	44	118	166	30
		18	66	—	—	55·3	4·9	10·7	71	6·2	6	73	106	125	55
Surrey.	Croydon H	1	225	1017·9	—	47·8	1·4	10·4	89	5·9	69	66	34	83	113
		7	225	1017·9	—	48·1	1·8	10·4	88	7·4	22	46	47	117	133
		13	225	1017·7	—	56·6	5·8	10·5	68	7·3	16	35	50	176	88
		18	225	1017·5	—	54·4	4·6	10·7	73	7·0	25	48	51	140	101
	Wisley ..	9	85	1017·5	—	51·7	3·4	10·5	78	7·5	20	37	51	103	154
Kent.	Dungeness ..	7	—	—	—	49·4	1·3	11·3	90	6·5	29	68	44	130	94
		13	—	—	—	55·2	2·9	12·5	80	6·6	26	52	65	147	75
		18	—	—	—	53·1	2·0	12·3	86	6·4	21	66	77	110	91
	Lympne H	1	344	1017·6	—	47·0	1·3	10·4	91	5·2	87	73	38	61	106
		7	344	1017·5	+2·5	47·9	1·5	10·7	90	6·7	25	68	39	120	113
		13	344	1017·5	—	54·9	4·4	11·1	74	7·2	17	45	48	150	105
		18	344	1018·3	—	51·7	3·1	10·8	81	6·7	27	67	35	120	116
	Manston H	1	156	1017·2	—	48·5	1·7	10·5	87	5·7	68	66	42	83	106
		7	156	1017·1	—	48·8	1·9	10·7	87	7·0	15	69	38	137	106
		13	156	1017·2	—	55·5	5·1	10·7	71	7·3	17	45	40	168	95
		18	156	1017·0	—	52·8	3·7	10·7	77	7·5	16	58	42	158	91
	Tunbridge Wells	9	386	1017·7	+2·2	50·3	2·2	11·0	86	6·5	41	54	57	83	130
Sussex.	Hastings H	9	154	1017·3	+1·9	52·0	2·9	11·1	81	6·5	52	32	68	89	124
	Thorney Is. ..	1	10	1017·5	—	49·9	1·5	10·5	89	5·5	73	74	36	76	106
		7	10	1017·4	—	48·9	1·7	10·7	85	6·8	19	79	36	125	106
		13	10	1017·6	—	56·8	4·9	11·4	71	7·0	17	52	53	144	99
		18	10	1017·3	—	53·7	3·4	11·2	78	6·5	25	72	47	127	94
Hampshire.	Southampton ..	9	84	1017·8	—	53·6	3·8	10·9	77	6·6	34	49	69	96	117
		21	84	1017·5	—	51·1	2·4	10·9	83	5·3	78	74	45	70	98
	S. Farnborough H	1	231	1017·6	—	46·7	1·5	10·0	89	5·9	73	62	32	66	132
		7	231	1017·4	+2·5	46·8	1·5	10·1	89	7·1	23	65	27	114	136
		13	231	1017·2	—	56·8	5·9	10·5	67	7·4	16	36	46	171	96
		18	231	1016·9	—	54·4	4·8	10·5	72	6·7	17	73	46	135	94
I. of Wight.	Ventnor (Hosp.)	9	—	—	—	53·1	2·9	11·5	82	6·2	20	90	62	87	106
		15	—	—	—	55·8	4·0	11·7	75	6·0	20	89	76	85	95
Wiltshire.	Amesbury H (Boscombe Down)	1	420	1017·6	—	46·0	1·0	10·1	91	5·7	80	63	34	62	126
		7	420	1017·4	—	46·5	1·1	10·3	91	7·0	16	62	45	126	116
		13	420	1017·4	—	55·7	5·2	10·7	70	7·5	16	31	55	163	100
		18	420	1017·2	—	52·9	4·0	10·5	76	6·4	18	79	60	123	85
	Larkhill H	9	444	1017·7	—	49·9	2·6	10·5	83	7·0	25	60	32	135	113
		13	444	1017·2	—	55·2	5·0	10·6	70	7·2	17	45	56	143	104
		15	444	1016·9	—	55·4	5·2	10·5	70	7·1	16	50	54	151	94
7a. ENGLAND, N.W.															
Lancashire.	Hutton ..	9	86	1014·9	+1·7	50·5	2·3	10·9	85	7·9	17	43	71	201	33
	Manchester (Whitworth Pk.)	9	127	1015·5	+1·8	50·4	3·1	10·1	79	7·5	20	37	51	108	149
		21	127	1015·7	—	49·8	2·6	10·2	82	6·3	37	73	45	88	122
	Southport †H (Bedford Rd. Park)	9	37	1015·8	+1·9	50·2	2·8	10·4	81	7·7	3	46	51	118	147
		15	37	1015·3	—	53·6	4·2	10·6	74	6·8	0	86	68	92	119
		21	37	1015·5	—	49·2	2·3	10·3	80	—	—	—	—	—	—
	Stonyhurst ..	9	381	1015·7	+1·7	48·9	2·6	9·9	82	7·6	23	29	38	107	168
		21	381	1015·7	—	47·9	2·1	9·9	84	6·8	45	61	23	70	166

DISTRICT, COUNTY AND PLACE.		VISIBILITY. NUMBER OF OBSERVATIONS. FOG 0	1	2	3	Mist. Poor Vis. 4	Mod. Vis. 5	6	GOOD VISIBILITY. 7	8	9	WIND, NUMBER OF OBSERVATIONS. FORCE (0-12). 8 or more.	6 to 7	4 to 5	1 to 3	Calm.	DIRECTION. N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
Warwick.	Birmingham H	2	11	20	21	57	64	80	50	*60*	*0*	0	2	66	279	18	16	26	24	34	52	86	59	50
		0	6	7	4	24	17	84	65	*158*	*0*	0	3	126	235	1	19	18	22	31	49	87	70	68
		1	6	10	18	31	23	84	46	*146*	*0*	0	0	92	267	6	20	21	24	30	50	77	65	72
	Honiley ..	5	10	11	30	*35*	43	*91*	86	*53*	*1*	0	11	74	258	22	23	19	27	20	70	93	48	43
		9	19	8	23	*49*	52	*83*	71	*49*	*2*	1	9	80	255	20	23	26	26	26	53	93	53	45
		0	6	4	13	*13*	32	*90*	95	*89*	*23*	1	20	136	199	9	25	26	20	21	56	92	62	54
		0	6	5	17	*33*	34	*67*	78	*101*	*22*	0	12	110	226	17	22	27	21	24	53	89	57	55
Oxford.	Oxford ..	3	13	*12*	8	37	39	116	64	73	*0*	0	8	82	263	12	30	38	11	31	51	87	73	32
Shropshire.	Upper Heyford	2	11	6	17	36	39	122	89	42	1	0	7	55	273	30	30	22	36	14	35	87	64	47
		2	22	6	22	22	53	111	71	51	5	0	5	62	274	24	31	27	34	16	44	88	53	48
		0	6	5	4	19	22	81	81	117	30	2	11	120	228	4	39	24	28	19	31	88	80	52
		1	4	3	9	23	27	82	77	99	40	0	12	96	246	11	31	31	24	19	36	86	71	56
Shropshire.	Shrewsbury H	1	5	9	17	13	6	73	75	166	*0*	4	35	116	192	18	20	9	21	50	62	36	101	48
	Tern Hill ..	1	3	3	29	43	33	78	74	99	2	0	6	63	253	43	33	6	18	23	79	58	55	50
		5	6	9	21	29	39	85	54	93	24	0	7	53	279	26	35	6	15	44	76	57	53	53
		1	3	1	9	19	16	88	52	76	100	1	22	106	227	9	40	13	12	30	46	66	77	72
		0	1	7	14	19	14	83	57	88	82	0	9	84	261	11	54	10	21	28	42	63	74	62
Hereford.	Ross-on-Wye H	*0*	*11*	10	9	13	23	79	92	128	*0*	0	6	56	287	16	22	27	23	15	51	115	77	19
		0	*0*	2	8	5	17	57	69	184	*23*	1	9	116	239	0	34	26	31	14	29	107	93	31
		0	*0*	1	7	13	17	65	67	181	*24*	0	4	90	270	1	26	24	33	17	40	100	89	35
Gloucester.	Cheltenham H	1	*1*	5	20	24	27	125	146	*16*	0	0	2	4	340	19	35	14	8	25	37	62	99	66
		0	*0*	0	1	1	4	165	186	*8*	0	0	0	6	316	43	24	15	5	23	22	79	90	64
5. ENGLAND, S.E.		2	11	23	20	43	61	123	58	24	*0*	1	13	98	199	54	31	31	14	14	34	100	58	29
London.	Greenwich H	—	—	—	—	—	—	—	—	—	—	1	15	150	169	30	34	28	27	11	29	108	51	47
		—	—	—	—	—	—	—	—	—	—	0	8	96	230	31	23	32	33	16	45	98	54	33
	Kew Obs'y. H	2	14	12	19	29	76	129	47	37	*0*	0	2	41	284	38	32	34	28	11	35	98	55	34
		0	0	8	10	17	40	104	54	132	*0*	0	3	109	246	7	38	33	21	18	32	91	74	51
		2	0	9	15	32	82	86	35	104	*0*	0	2	81	275	7	33	33	23	24	33	99	59	54
		2	4	11	19	6	65	92	71	65	*0*	0	2	48	297	18	28	32	33	17	38	117	60	22
	Kensington ..	—	—	—	—	—	—	—	—	—	—	3	10	48	304	0	22	42	22	26	19	86	71	77
		—	—	—	—	—	—	—	—	—	—	3	14	76	272	0	15	31	26	21	18	99	66	89
		—	—	—	—	—	—	—	—	—	—	1	9	40	315	0	20	26	30	23	14	101	61	90
Surrey.	Croydon H	3	8	12	36	45	69	100	75	*17*	*0*	0	6	51	255	53	19	23	20	23	70	82	56	19
		6	13	10	26	49	50	116	52	*43*	*0*	0	2	51	257	55	17	26	20	22	61	65	69	30
		1	3	7	12	22	42	98	63	*110*	*7*	1	2	114	230	18	19	24	25	22	47	80	81	49
		1	8	18	27	48	55	73	36	*89*	*10*	0	1	87	257	20	25	25	27	18	74	69	70	37
	Wisley ..	0	18	8	23	9	22	138	147	*0*	*0*	0	1	15	291	57	17	34	19	19	20	116	43	40
Kent.	Dungeness ..	*3*	6	1	2	15	29	86	*177*	*41*	5	6	37	106	214	2	35	35	30	28	36	49	76	74
		1	0	2	1	10	23	67	*206*	*46*	9	1	22	32	166	1	22	32	40	22	43	85	93	27
		3	2	1	0	8	24	96	*164*	*54*	13	5	55	129	172	4	24	36	32	27	30	81	98	33
Sussex.	Hastings H	1	10	7	*12*	31	50	*114*	109	31	0	0	12	72	262	19	46	35	22	21	24	60	82	56
	Lympne H	0	11	4	*8*	39	57	*98*	87	61	0	1	9	70	278	7	55	27	24	27	30	61	75	59
		0	2	1	*28*	25	*81*	76	143	7	1	10	118	231	5	37	40	16	35	55	77	62	38
		2	5	0	7	37	42	*82*	63	119	8	2	8	99	244	12	30	44	23	29	40	81	68	38
	Manston H	1	7	3	18	27	38	146	*95*	*30*	0	0	11	63	266	25	23	22	28	20	54	75	71	47
		3	8	8	10	21	36	128	*82*	*68*	1	0	12	87	245	21	37	19	25	22	47	71	70	53
		0	1	2	5	12	34	90	*85*	*128*	8	2	17	126	213	7	37	38	24	14	50	78	50	67
		0	5	3	3	27	37	88	*84*	*112*	6	1	9	111	230	14	32	31	37	22	52	95	48	34
	Tunbridge Wells	0	4	*5*	5	9	46	65	85	146	0	1	24	93	247	0	29	53	12	23	20	87	65	76
Sussex.	Hastings H	0	1	2	2	31	88	159	*3*	*79*	*0*	2	14	75	257	17	21	67	9	42	19	106	16	68
	Thorney Is. ..	1	2	4	5	31	36	132	100	44	10	1	14	76	218	56	34	39	24	18	20	50	77	47
		1	4	1	5	22	33	104	110	64	21	0	13	72	224	56	37	35	31	13	23	54	67	49
		0	2	0	2	12	13	77	93	88	79	2	17	132	201	13	28	30	25	21	69	86	59	34
		0	2	2	5	18	36	96	67	77	64	0	10	96	239	20	25	20	28	22	49	95	66	40
Hampshire.	Southampton ..	0	*3*	6	*11*	27	41	108	*58*	*106*	*5*	5	7	101	227	25	35	43	18	30	39	66	58	51
		0	*4*	13	*19*	27	30	155	*73*	*44*	*0*	3	8	65	246	43	26	34	17	23	29	77	54	62
	S. Farnborough H	4	11	6	14	32	36	107	86	*69*	*0*	0	5	61	244	55	17	25	19	20	38	54	99	38
		5	12	16	19	28	42	85	57	*101*	*0*	0	5	65	253	42	28	22	26	24	39	49	97	38
		0	1	3	5	14	26	73	66	*172*	*5*	0	15	124	221	5	37	25	21	20	35	78	91	53
		2	1	3	20	22	26	73	57	*151*	*10*	0	7	79	264	15	34	17	29	20	35	80	89	46
I. of Wight.	Ventnor (Hosp.)	—	—	—	—	—	—	—	—	—	—	0	14	121	230	0	45	24	53	14	14	45	125	45
		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Wiltshire.	Amesbury H (Boscombe Down)	1	10	7	14	16	29	122	113	*53*	*0*	0	13	69	223	60	28	19	40	26	37	51	58	46
		1	13	9	6	24	28	112	121	*51*	*0*	1	5	87	216	56	34	24	33	33	38	45	56	46
		0	2	5	11	27	30	155	114	*158*	*6*	2	25	131	190	117	40	23	27	21	47	77	66	47
		0	2	0	3	8	19	84	115	*120*	*14*	0	13	95	239	18	31	31	23	25	48	58	75	56
	Larkhill H	2	7	8	3	26	29	119	87	84	*0*	2	8	99	225	31	35	37	25	26	30	63	77	41
		0	0	1	3	13	20	94	87	145	*2*	2	17	137	196	13	40	31	27	17	36	70	88	43
		0	0	0	1	11	17	86	97	150	*3*	1	17	124	205	18	37	28	23	16	34	79	83	47
7a. ENGLAND, N.W.																								
Lancashire.	Hutton ..	—	—	—	—	—	—	—	—	—	—	3	15	23	267	57	9	30	16	39	39	100	21	54
	Manchester (Whitworth Pk.)	—	—	—	—	—	—	—	—	—	—	3	10	65	263	24	20	12	23	34	44	88	66	54
		—	—	—	—	—	—	—	—	—	—	1	10	52	263	39	20	15	26	34	34	81	57	59
	Southport †H (Bedford Rd. Park)	8	9	27	54	63	102	45	56	*1*		3	31	117	193	21	22	10	35	44	57	36	85	53
		7	12	15	34	47	97	69	73	*11*		—	—	—	—	15	21	12	13	33	30	47	116	78
		—	—	—	—	—	—	—	—	—		—	—	—	—	24	22	12	31	39	41	55	72	69
	Stonyhurst ..	2	2	11	35	28	174	*47*	*66*	*0*		2	16	86	245	16	30	45	21	15	52	70	95	21
		0	2	2	11	35	28	174	*47*	*66*	*0*	0	11	63	254	37	38	39	12	16	29	71	100	23

* Mean of hourly readings.

†Visibility at Hesketh Park (at 9 h. and 15 h.); wind at Marshside.

TABLE IV (*continued*).—SUMMARY of the OBSERVATIONS of PRESSURE, TEMPERATURE, HUMIDITY, CLOUD, VISIBILITY and WIND at fixed hours at certain Stations during the Year 1943.

DISTRICT, COUNTY AND PLACE.		Hour of Observation.	Height of Barometer above Mean Sea Level.	MEAN PRESSURE.		TEMPERATURE AND HUMIDITY.				CLOUD AMOUNT.						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 to 3	4 to 6	7 to 9	10	FOG				Mist. Poor Vis.	Mod. Vis.	GOOD VISIBILITY.			8 or more.	6 to 7	4 to 5	1 to 3	Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
																0	1	2	3	4	5	6	7	8	9											
		GMT	ft.	mb.	mb.	°F.	°F.	mb.	%																									
7a. ENGLAND, N.W.—*cont.*																																		
Cheshire.	Bidston Obs'y.	9	202	1015·7	+2·0	50·1	2·8	10·1	81	8·0	6	21	50	156	132	1	5	12	19	40	100	78	82	28	0	5	23	123	191	23	21	5	30	54	40	31	102	59
		1	261	1015·9	—	46·0	1·6	9·8	89	6·1	65	54	38	80	128	3	5	10	21	40	51	150	62	22	1	0	10	88	234	33	9	24	23	35	114	49	51	27
	Manchester (Ringway) H	7	261	1015·6	—	46·3	1·5	9·9	89	7·1	26	54	33	130	122	5	7	7	22	39	49	163	43	29	1	0	8	98	219	40	12	19	21	37	105	52	52	27
		13	261	1015·7	—	53·8	4·4	10·5	73	7·6	10	31	56	170	98	0	4	4	9	17	31	117	74	93	16	0	18	176	153	18	8	17	13	31	71	69	86	52
		18	261	1015·5	—	51·7	3·6	10·3	77	6·7	16	71	54	134	90	0	6	3	10	40	34	135	46	65	26	0	11	136	204	14	14	18	21	32	68	54	84	60
7b. NORTH WALES																																		
Flint.	Sealand H	1	19	1015·7	—	47·3	1·9	9·8	85	6·5	48	63	32	84	138	2	8	11	10	47	38	125	*88*	*36*	*0*	0	12	36	197	120	20	2	7	24	58	28	60	46
		7	19	1015·5	—	47·7	2·1	9·9	84	7·3	24	41	40	143	117	3	3	10	19	37	49	103	*68*	*71*	*2*	2	6	33	227	97	23	3	6	39	64	24	57	52
		13	19	1015·7	—	55·2	5·2	10·3	68	7·5	14	33	51	174	93	1	0	3	8	8	26	81	*46*	*174*	*18*	1	20	82	238	24	41	7	11	36	54	34	72	86
		18	19	1015·5	—	52·7	4·0	10·3	75	6·9	17	58	53	132	105	0	1	7	16	15	24	93	*52*	*142*	*15*	0	9	54	264	38	38	5	11	23	51	43	63	93
Anglesey.	Holyhead H	1	34	1015·7	—	48·7	1·6	10·6	88	6·3	39	78	43	79	126	0	2	3	3	13	24	88	68	162	2	11	48	114	137	55	20	25	20	17	72	69	44	43
		7	34	1015·4	+2·3	49·1	2·0	10·6	97	6·8	16	69	48	138	94	1	3	2	4	15	15	60	54	191	20	13	56	103	155	38	21	26	29	19	67	74	42	49
	(Valley)	13	34	1016·2	—	54·2	3·9	11·0	76	7·0	12	64	56	145	88	0	0	0	2	5	17	54	64	182	41	10	62	129	156	8	23	25	14	11	68	94	67	55
		18	34	1015·5	—	51·9	2·8	10·9	81	6·9	20	63	42	145	95	0	0	3	3	13	11	58	58	184	35	8	60	119	156	22	26	21	16	17	70	102	43	48
Carnarvon.	Llandudno ..	9	33	1015·6	—	51·6	3·1	10·5	80	7·0	27	33	51	208	46	0	0	0	1	7	11	44	96	*200*	*6*	0	8	76	281	0	15	15	38	21	56	124	83	13
8a. SOUTH WALES																																		
Cardigan.	Aberporth ..	7	379	1016·5	—	48·5	1·8	10·4	87	6·9	19	61	53	134	98	0	1	1	1	4	16	58	121	122	41	0	23	138	182	22	33	16	17	23	82	76	56	39
		13	379	1016·9	—	52·9	3·4	10·9	78	7·2	8	57	47	158	95	0	1	2	2	2	5	39	96	130	88	1	27	167	164	6	38	25	13	23	53	67	88	52
		18	379	1016·5	—	51·2	2·8	10·7	81	7·1	10	58	52	142	103	0	1	1	1	3	10	47	97	129	76	0	26	140	183	16	43	21	9	23	52	79	86	36
Pembroke.	St. Ann's Head	1	152	1016·6	—	50·7	1·4	11·6	90	6·3	15	95	58	98	99	0	9	1	0	1	*3*	37	117	197	*0*	5	64	140	148	8	32	39	37	24	31	55	77	62
		7	152	1016·4	+2·5	50·6	1·4	11·5	90	7·1	5	55	78	139	88	0	6	1	2	3	*8*	45	118	182	*0*	11	63	134	148	9	39	34	37	29	31	56	69	61
		13	152	1017·0	—	53·3	2·4	11·9	84	7·2	4	41	85	149	86	0	3	0	2	3	*5*	54	117	179	*2*	7	78	134	137	9	32	19	18	33	36	70	85	63
		18	152	1016·6	—	52·4	2·0	11·9	87	6·9	5	62	75	137	86	0	3	0	1	1	*7*	42	122	186	*3*	13	72	121	154	5	49	27	19	28	24	69	89	55
Radnor.	Rhayader ..	9	—	—	—	48·5	2·0	10·2	86	7·7	14	33	43	117	158	0	4	8	4	7	4	72	117	*149*	*0*	1	3	15	346	0	12	18	15	56	25	79	66	94
Glamorgan.	Cardiff.. ..	9	203	1017·6	+2·2	51·4	3·0	10·6	80	7·1	21	44	46	127	127	0	3	2	3	9	36	207	53	*52*	*0*	0	3	(25)	(335)	(2)	16	72	33	14	22	154	42	10
		1	147	1017·6	—	48·2	1·4	10·7	90	5·9	61	65	53	66	120	*0*	2	2	12	31	40	*166*	99	*13*	*0*	0	12	77	204	72	13	22	18	26	19	46	97	52
		7	147	1017·4	—	48·5	1·5	10·7	89	7·1	16	58	53	122	116	1	2	5	9	41	52	*141*	72	*39*	*3*	0	12	77	241	35	21	31	42	20	19	53	101	43
	St. Athan ..	13	147	1017·6	—	54·7	4·1	11·1	75	7·2	12	41	74	135	103	*0*	1	2	8	13	41	*109*	69	*103*	*19*	0	7	128	226	4	20	25	37	25	25	66	126	37
		18	147	1017·4	—	52·7	3·2	11·0	80	6·8	17	63	60	117	108	*0*	0	1	6	24	39	*106*	91	*75*	*23*	0	12	111	227	15	18	19	31	21	17	55	141	48
8b. ENGLAND, S.W.																																		
Somerset.	Bath	9	113	1017·3	+2·4	51·6	3·3	10·5	78	6·5	43	55	57	66	144	0	7	5	13	10	25	*67*	*56*	*179*	*3*	4	5	49	273	34	14	38	46	17	21	61	87	47
		1	236	1017·5	—	47·1	1·2	10·4	90	6·0	58	70	31	92	114	0	4	10	13	26	41	143	89	*39*	*0*	0	9	62	219	75	16	22	13	22	38	79	81	19
	Bristol (Airport) H	7	236	1017·5	—	47·6	1·4	10·5	90	7·2	19	57	37	132	120	2	5	7	12	30	27	140	94	*48*	*0*	0	6	62	238	59	16	23	20	24	57	56	83	27
		13	236	1017·7	—	55·9	4·6	11·3	73	7·3	6	51	57	163	88	0	2	1	2	10	19	93	81	*149*	*8*	1	11	120	228	5	28	26	20	30	50	60	111	35
		18	236	1016·9	—	53·0	3·3	11·2	79	6·5	13	93	43	126	90	0	1	6	7	23	13	120	68	*118*	*9*	0	9	90	242	24	23	19	21	20	50	52	120	36
Dorset.	Holton Heath H	9	58	1018·0	—	52·1	3·0	11·1	81	7·0	16	65	57	102	125	0	5	1	3	19	35	52	160	*67*	*23*	0	11	101	213	40	50	41	21	21	30	52	55	55
		15	58	1017·3	—	56·6	5·0	11·3	71	6·8	9	59	83	115	99	0	0	0	4	12	26	44	194	*74*	*11*	1	11	126	215	12	46	30	19	36	32	87	55	48
		1	37	1017·4	—	51·4	1·5	11·8	89	7·4	26	20	66	92	161	0	0	0	*1*	0	0	*7*	*186*	*171*	*0*	0	18	198	147	2	34	38	33	13	29	105	66	45
	Portland Bill ..	7	37	1017·3	+2·8	51·6	1·6	11·8	89	8·5	2	4	51	102	206	0	1	1	*1*	1	0	*6*	*161*	*194*	*0*	0	26	211	128	0	31	54	34	14	38	72	77	45
		13	37	1017·7	—	54·2	1·7	13·0	88	8·6	0	1	60	125	179	0	0	1	*3*	0	0	*3*	*108*	*250*	*0*	0	16	210	139	0	16	35	46	13	43	103	76	33
		18	37	1017·4	—	53·4	1·6	12·6	89	8·4	0	6	55	133	171	0	1	2	*5*	0	0	*3*	*133*	*221*	*0*	0	12	209	144	0	17	32	45	14	37	102	81	37
Devon.	Hartland Pt. ..	1	305	1016·5	—	50·7	1·8	11·2	87	6·1	38	67	75	105	80	0	4	0	7	2	5	41	117	189	*0*	1	30	145	188	1	37	46	34	21	35	49	84	58
		7	305	1016·3	—	50·5	1·7	11·2	87	6·8	15	62	70	138	80	0	7	0	6	1	7	45	109	188	*2*	1	18	154	191	1	34	50	27	23	41	54	73	62
		13	305	1016·8	—	53·1	2·6	11·5	82	6·8	7	46	103	151	58	0	3	1	2	1	5	47	110	175	*21*	0	14	147	203	1	35	50	22	12	18	53	103	71
		18	305	1016·7	—	52·6	2·3	11·7	84	6·7	17	51	84	154	59	0	2	0	3	0	3	54	112	173	*18*	0	18	142	205	0	42	45	29	14	18	40	108	69
	Plymouth (Mount Batten) H	1	27	1018·0	—	49·5	1·1	11·4	91	6·2	52	63	41	85	124	0	1	0	3	15	44	146	96	59	*1*	5	23	95	202	40	16	33	54	30	22	53	78	39
		7	27	1017·9	+3·1	49·4	1·2	11·4	91	7·0	21	59	32	140	113	0	4	4	4	24	26	144	90	67	*2*	3	12	96	221	33	18	17	60	39	15	63	70	50
		13	27	1018·0	—	54·4	3·2	12·2	80	7·5	6	51	41	161	106	0	0	0	0	7	12	82	86	144	*34*	2	21	143	198	1	24	23	35	21	40	107	64	50
		18	27	1017·8	—	53·4	2·6	11·9	83	6·7	11	73	53	124	104	0	0	2	0	13	29	127	71	94	*29*	2	25	127	204	7	29	17	36	24	32	85	71	64
		1	240	1017·7	—	50·6	1·3	11·6	91	6·6	37	39	88	89	112	0	5	5	6	3	16	36	*127*	*167*	0	5	60	119	160	21	49	33	31	13	30	39	78	71
Cornwall.	The Lizard ..	7	240	1017·3	—	50·8	1·3	11·7	90	7·5	7	20	94	138	106	0	5	11	8	6	14	48	*104*	*169*	0	5	48	141	154	17	37	45	28	21	22	45	73	77
		13	240	1018·0	—	55·1	2·7	12·5	83	7·5	6	20	107	123	109	0	0	5	7	5	11	46	*82*	*209*	0	3	65	149	134	14	23	30	42	20	28	59	81	68
		18	240	1017·6	—	53·1	2·2	11·9	85	7·1	9	30	112	118	96	0	1	3	8	8	10	44	*84*	*206*	1	2	61	141	144	17	29	25	38	22	21	51	93	69
	Newquay ..	9	185	1017·0	+2·1	53·0	2·7	11·5	82	7·9	12	46	29	74	204	0	3	2	1	1	21	67	*80*	153	*37*	4	39	154	168	0	77	24	43	28	36	47	74	36
NORTHERN IRELAND																																		
Antrim.	Aldergrove H	1	271	1014·2	—	46·6	1·4	9·9	89	6·7	30	62	45	86	142	0	3	0	1	10	18	83	106	142	2	0	6	67	236	56	9	10	20	35	81	62	68	24
		7	271	1013·9	—	46·9	1·5	10·0	88	7·5	9	53	46	122	135	0	3	1	4	9	16	74	120	116	22	0	7	73	234	51	8	6	21	35	81	76	61	26
		13	271	1014·0	—	52·6	3·7	10·6	76	8·0	5	28	53	164	115	0	1	0	4	6	18	51	70	135	80	0	7	106	237	15	12	9	20	27	79	85	82	36
		18	271	1013·9	—	50·9	3·1	10·3	79	7·6	7	46	44	147	121	0	3	0	0	8	19	63	56	148	68	0	8	98	234	25	11	13	17	35	68	81	74	41
Armagh.	Armagh H	9	209	1014·4	+1·9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		21	209	1014·1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Scilly.	St. Mary's ..	1	199	1017·6	—	51·4	1·7	11·6	88	6·6	44	42	58	112	109	0	4	6	0	3	14	69	*105*	*164*	0	1	50	168	132	14	55	31	29	21	31	57	64	63
		7	199	1017·5	+2·8	51·7	1·7	11·5	87	7·6	13	30	65	139	118	0	3	5	0	1	13	75	*90*	*169*	9	3	43	175	129	15	50	30	28	20	34	56	60	72
		13	199	1017·9	—	55·9	3·4	12·2	79	7·8	13	24	49	169	110	0	1	3	3	4	10	64	*107*	*161*	12	3	36	180	142	4	53	36	23	27	26	76	69	51
		18	199	1017·5	—	53·6	2·7	11·8	83	7·5	16	36	49	160	104	0	2	5	0	1	10	63	*99*	*175*	10	2	42	168	150	3	55	29	28	22	28	72	69	59
GIBRALTAR. ..	H	1	400	1019·5	—	60·9	3·3	15·2	81	3·8	94	108	58	81	24	0	0	1	0	2	1	7	20	*165*	169	1	40	171	134	19	4	81	66	7	0	13	136	38
		7	400	1018·5	—	60·5	3·3	15·0	81	5·2	25	118	52	149	21	0	1	3	0	1	1	*8*	47	*185*	119	2	33	160	152	18	6	82	66	4	1	15	130	43
		13	400	1018·6	—	66·3	6·2	15·4	69	5·0	20	136	68	120	21	0	0	1	0	0	0	*6*	35	*180*	143	1	39	196	123	6	1	88	89	1	4	45	126	5
		18	400	1017·9	—	63·7	4·6	15·7	76	4·5	26	134	84	111	10	0	0	0	0	1	0	*4*	40	*146*	174	1	30	191	134	9	2	74	83	13	3	47	129	5
MALTA.	H	1	234	1016·9	—	63·6	3·3	17·2	82	3·0	125	123	36	53	28	0	0	0	1	0	0	22	78	*264*	*0*	0	10	67	240	48	13	28	31	39	21	45	76	64
		7	234	1017·1	—	65·1	4·1	17·3	78	4·2	47	146	49	112	11	0	0	0	0	0	0	7	43	*264*	*51*	1	11	74	269	10	32	41	36	37	18	41	54	96
		13	234	1016·9	—	69·8	7·2	17·0	66	4·2	39	148	56	110	12	0	0	0	0	0	1	6	22	*245*	*91*	0	16	104	245	0	49	80	44	27	28	33	45	59
		18	234	1016·7	—	66·4	4·8	17·3	75	3·3	68	168	43	66	20	0	0	0	0	0	0	8	35	*290*	*32*	0	10	74	271	10	33	39	35	36	28	36	75	73

SECRET

TABLE V [1913].—WARMEST DAY and NIGHT and COLDEST DAY and NIGHT in the YEAR at each STATION.

*DISTRICT AND PLACE.	WARMEST DAY Highest Maximum and Date.	°F	WARMEST NIGHT Highest Minimum and Date.	°F	COLDEST DAY Lowest Maximum and Date.	°F	COLDEST NIGHT Lowest Minimum and Date.	°F
0. SCOTLAND, N.								
Baltasound	July 27, 28	65	Aug. 23	54	Dec. 30	36	Feb. 7	25
Lerwick Obsy.	July 27	64	Aug. 23, Sept. 9, 10	54	Jan. 3	33	Jan. 4	24
Sumburgh (Links)	Ju. 29, Jy. 1, 27, Au. 21	61	Aug. 1	56	Feb. 7	35	Ja. 4, F. 7, Ap. 7	28
Kirkwall	July 27	68	Aug. 1	56	Jan. 3, 4	35	Jan. 5	28
Benbecula	July 18	71	My. 19, Jy. 9, 24, Au. 1	56	Jan. 5	38	Jan. 6	30
Castlebay	—	—	—	—	—	—	—	—
Stornoway	June 29	66	Jy. 24, 26, Au. 1, Se. 12	55	Jan. 3, 4	35	Jan. 5	25
Duntuilm	June 29	68	Ju. 10, Jy. 25, Aug. 18, 21, 22, Se. 12, 13	55	Jan. 5	35	Jan. 6	27
Wick	July 26	71	Jy. 26, 27, Aug. 1	56	Jan. 3, 4	33	Jan. 5	18
Cape Wrath	June 7, 9	66	July 26	57	Jan. 3	35	Ja. 5, 9, F. 7, Mar. 11	29
Achnaschellach	June 29	79	July 1	60	Dec. 11	32	Dec. 12	21
Fortrose	Aug. 1	74	July 26	60	Jan. 4	33	Ja. 5, 6, 8	25
Invergordon	July 25	75	Aug. 8	59	Dec. 13	31	Dec. 12	13
Dalwhinnie	July 31	78	Aug. 1	58	Jan. 4	29	Jan. 8	11
Fort Augustus	Jy. 24, Au. 1	76	July 26	59	Jan. 3, 4	32	Jan. 5	18
Fort William	July 31	80	Aug. 1	60	Jan. 4	32	Jan. 4, 5	25
Inverness	July 25	79	July 26	60	Jan. 4, 5	32	Jan. 5, 6	22
Onich	July 31	81	Jy. 26, Se. 13	59	Jan. 3, 4	35	Jan. 4	25
1. SCOTLAND, E.								
Nairn	June 10	74	July 26	61	Jan. 4	34	Jan. 8	22
Forres	May 19 July 25	75	Ju. 10, Jy. 26, Aug. 1	58	Jan. 4	33	Dec. 17	23
Gordon Castle	July 31	82	Aug. 1	62	Jan. 8	32	Jan. 4, 8	23
Lossiemouth	June 9	76	July 26	58	Jan. 8	32	Dec. 14	20
Banff	July 31	78	Aug. 1	60	Jan. 4	35	Jan. 5, 8	25
Aberdeen	July 31	72	Aug. 1	59	Jan. 3	35	Jan. 5	19
Balmoral	July 31	83	Aug. 1	59	Jan. 3	31	Jan. 8, 9	12
Braemar	July 31	80	Aug. 1	58	Jan. 8	23	Jan. 5	7
Craibstone	July 31	74	Aug. 1	58	Jan. 3	32	Jan. 5	18
Dyce	Jy. 31, Au. 1	73	Jy. 31, Au. 1	58	Jan. 8	29	Jan. 5	12
Tarland	July 31	82	Aug. 1	60	Jan. 3	31	Jan. 8, 9	16
Stonehaven	Aug. 1	72	Jy. 31, Au. 1	57	Ja. 3, D. 13	36	Jan. 5	19
Arbroath	Aug. 1	71	Aug. 1	59	Dec. 13	34	Jan. 5	22
Buddon Ness	Aug. 1	71	Aug. 1	59	J. 1, D. 11, 13	36	Jan. 5	17
Dundee	June 27	76	Aug. 1	61	D. 12, 13, 15	34	Jan. 5	23
Kettins	July 31	80	Aug. 1	61	Ja. 8, D. 11, 12, 13	32	Dec. 14	20
Montrose	Ju. 29, Au. 1	71	Aug. 1	58	Jan. 8	36	Dec. 14	22
,, (Airfield)	June 29	73	July 26, 31, Aug. 1	58	Jan. 8	34	Jan. 5	23
Errol	July 25, 31, Aug. 1	74	Aug. 1	62	Dec. 11, 15	32	Dec. 13	20
Longforgan	July 31	79	Aug. 1	59	Dec. 11, 15	33	Dec. 15, 16	22
Perth	July 31	83	Aug. 1	63	Jan. 4	31	Dec. 13	20
Cupar	July 31	78	Aug. 1	61	Dec. 12	33	Ja. 5, D. 13	23
Dunfermline	July 31	81	Aug. 1	61	Jan. 3, 4, 5	34	Jan. 4	22
Kirkcaldy	July 31	83	Aug. 1	59	Jan. 2, 4, 8, D. 11, 12	35	Jan. 4	21
Leuchars	July 25, 31	76	Aug. 1	61	Dec. 13, 15	34	Jan. 5	23
Lundin Links	July 31	79	Aug. 1	61	Dec. 13	35	Ja. 5, D. 15	24
St. Andrews	July 31	79	Aug. 1	60	Jan. 3	35	Jan. 5	21
Balerno	July 31	82	Aug. 1	60	Jan. 3	30	Jan. 4	20
Edinburgh—								
Blackford H.	July 31	83	Aug. 1	60	Jan. 3, 5	32	Jan. 4	24
Botanic Garden	July 31	79	Aug. 1	61	Dec. 11, 12	33	Dec. 13	21
Univ. King's B.	July 31	83	Aug. 1	61	Dec. 11	31	Jan. 5	22
Boghall	July 31	84	Aug. 1	60	Ja. 3, D. 16	35	Jan. 4, 5	23
Liberton	July 31	84	Aug. 1	61	Jan. 3, 5, Dec. 11	33	Ja. 5, D. 14	21
Dunbar	July 31	88	Aug. 1	58	Jan. 4, 5	35	Dec. 11	20
N. Berwick	July 31	88	Aug. 1	61	Jan. 4	34	Jan. 5	23
Marchmont	July 31	85	Aug. 1	59	Jan. 5	32	Jan. 5	20
St. Abb's Head	Aug. 1	75	Jy. 29, Au. 1	58	Jan. 5, 9	34	Jan. 9, N. 14	28
Peebles	July 31	84	July 26, 31, Aug. 1, 20	57	Jan. 4	24	Jan. 4	10
West Linton	July 31	83	Aug. 1	59	Jan. 4	27	Dec. 13	12
Kelso (Br'ml'ds)	July 31	84	Sept. 14	58	Ja. 4, D. 13	32	Jan. 5	18
Wolfelee	July 31	85	Aug. 1	59	Jan. 3	29	Jan. 4	15

DISTRICT AND PLACE.	WARMEST DAY Highest Maximum and Date.	°F	WARMEST NIGHT Highest Minimum and Date.	°F	COLDEST DAY Lowest Maximum and Date.	°F	COLDEST NIGHT Lowest Minimum and Date.	°F
6a. SCOTLAND, W.								
Colonsay	July 31	74	Aug. 1	58	Jan. 3	38	Jan. 4	25
Dunoon (Benmore)	July 31	83	Aug. 1	59	Jan. 5	37	Dec. 12	22
Dunoon	July 31	80	Aug. 1	59	Jan. 4	31	Jan. 8	23
Glenbranter	Ju. 29, Jy. 31	82	Aug. 1	60	Jan. 4	34	Jan. 4	20
Oban	July 31	80	Aug. 1	59	Jan. 4, 7, Dec. 11	37	Jan. 4	28
Tiree	July 17	70	July 29	59	Jan. 5	38	Jan. 4, Mar. 12	30
Rothesay	June 29	79	July 31	58	Jan. 3	36	Jan. 4	28
Cardross	Ju. 29, Jy. 31	82	Aug. 1	60	Jan. 5	33	Dec. 12	23
Helensburgh	June 29	82	Aug. 1	59	Jan. 4	32	Jan. 5	21
Balfron	Ju. 29, Jy. 31	81	Aug. 1	60	Jan. 4	28	Jan. 4	12
Stirling	July 31	81	Aug. 1	62	Dec. 12	31	Jan. 4, 5	24
Greenock	Ju. 29, Jy. 31	81	Aug. 1	60	Jan. 8	34	Jan. 4	28
Paisley	July 31	83	Aug. 1	64	Jan. 4, 8	32	Dec. 12	24
Abbotsinch	July 31	84	Aug. 1	61	Dec. 11	28	Dec. 12	20
Carluke	July 31	81	Aug. 1	61	Jan. 3, 4	31	Jan. 4	20
Dungavel	July 31	79	Aug. 1	60	Jan. 3	30	Jan. 4	19
Glasgow (Springb'nPk)	July 31	86	Aug. 1	59	Jan. 4	29	Ja. 4, D. 12	23
Auchincruive	July 31	83	Jy. 31, Au. 1	60	Jan. 5	35	Jan. 4	20
Ayr	July 31	84	Aug. 1	60	Jan. 7	37	Jan. 4	21
Comonell	July 31	80	July 31	63	Jan. 4	36	Ja. 4, D. 12	22
Kilmarnock	July 31	83	Jy. 31, Au. 1	60	Jan. 5	34	Ja. 4, N. 17	20
Prestwick	July 31	84	Aug. 1	61	Jan. 3	32	Jan. 4, Nov. 17, Dec. 12	25
Troon	July 31	78	Aug. 1	61	Dec. 11	33	Jan. 4, 8	27
Turnberry	July 31	83	Jy. 31, Au. 1	60	Jan. 5, 7	37	Jan. 4	28
Dumfries	July 31	80	Aug. 1	60	Dec. 13	32	Dec. 13	22
Eskdalemuir	July 31	81	Aug. 1, 20, Sept. 13	55	Jan. 4	27	Dec. 13	17
Ruthwell	July 31	84	Aug. 1	60	Dec. 13	33	Jan. 4	19
Glenlee	July 24	80	Aug. 1	60	Jan. 4	30	Jan. 8	19
6b. ISLE OF MAN								
Douglas	June 28, 29, July 31	75	July 31	63	Jan. 7	38	Jan. 4	27
Point of Ayre	July 31	78	July 31, Aug. 18	60	Jan. 5	38	Jan. 4	26
2. ENGLAND, N.E.								
Berwick-on-T.	Aug. 20	73	Jy. 27, Au. 1	58	Dec. 13	32	Jan. 5	21
Bellingham	July 31	80	Aug. 1	58	Jan. 5	31	Jan. 4	19
Cockle Park	July 31	77	Aug. 1, 20	56	Jan. 5, 9	32	Jan. 4, 5	25
Ouston	July 31	84	Aug. 1	59	Jan. 4	30	Jan. 4	20
Tynemouth	Aug. 1	77	July 27	61	Jan. 4	33	Jan. 4	26
Chopwellwood	July 31	87	Aug. 1	60	Jan. 9	31	Jan. 4	22
Durham	July 31	87	Aug. 1	58	Jan. 5	31	Dec. 14	18
Houghall	July 31	83	Aug. 2	59	Jan. 9	33	Ja. 9, D. 14	18
Ushaw College	July 31	86	Aug. 1	61	Jan. 9	30	Dec. 14	22
Ampleforth	July 31	85	Aug. 1	63	Jan. 5	32	Dec. 15	22
Castleton	July 31	84	Aug. 1	62	Jan. 4	30	Jan. 9	15
Catterick	July 31	88	Aug. 1	61	Jan. 5, 9	31	Dec. 14	19
Linton-on-Ouse	July 31	89	Aug. 1	63	Dec. 14	29	Jan. 9	19
Redcar	July 31	86	July 31	62	Jan. 5	35	Mar. 15	25
Scarborough	Aug. 1	79	July 12, 27, Aug. 2	61	Jan. 9	35	Dec. 14	27
Thornaby	July 31	88	Aug. 1	61	Dec. 14	32	Dec. 14	22
Whitby	July 31	83	July 31	62	—	—	—	—
York	July 31	88	Aug. 1	65	Jan. 5, 8, Dec. 14	33	Jan. 4, 8	25
Driffield	July 31	83	Aug. 2	61	Dec. 14	30	Jan. 9	19
Hull	Aug. 1	82	Aug. 1	65	Jan. 10	34	Jan. 14	25
Spurn Head	Aug. 1	78	Aug. 1	63	Jan. 10	34	Dec. 15	28
Boston— (Frieston Rd.)	July 31	88	Aug. 1	64	Dec. 14	31	Jan. 4, 9, Dec. 14	25
(North Sea Camp)	(July 31)	(88)	Aug. 1	63	Dec. 14	32	Jan. 4, 9	26
Cranwell	July 31	89	Aug. 1	63	Dec. 14	27	Jan. 9	21
Cleethorpes	Aug. 1	82	Aug. 1	64	Ja. 4, D. 14	34	Dec. 15	25
Skegness	Aug. 1	79	Aug. 1	65	Jan. 2, 4, 5, 9, Dec. 14	36	(Jan. 4, 5), Dec. 15	26

* For Counties, terminal hours of observation and altitudes see Table III.

TABLE V [1913] (*continued*).—WARMEST DAY and NIGHT and COLDEST DAY and NIGHT in the YEAR at each STATION.

DISTRICT AND PLACE.	WARMEST DAY Highest Maximum and Date.	°F	WARMEST NIGHT Highest Minimum and Date.	°F	COLDEST DAY Lowest Maximum and Date.	°F	COLDEST NIGHT Lowest Minimum and Date.	°F
3. ENGLAND, E.								
Cromer ..	Jy.31,Au.20	83	Aug. 1	64	Jan. 4	33	Jan. 5	26
Hunstanton ..	July 31	86	July 31, Aug. 21	61	Dec. 15	37	Jan. 5	25
Norwich ..	July 28	88	Aug. 1	64	Jan. 4	34	Jan. 5	22
Sprowston ..	July 28	88	Aug. 1	65	Jan. 4	33	Jan. 5	21
Terrington ..	July 31	89	Aug. 1	63	Jan. 4	33	Mar. 12	25
Gorleston ..	May 14	82	Aug. 1	66	Jan. 4	34	Jan. 5	27
Bungay (Flix'n)	July 28	88	Aug. 1	64	Jan. 4	31	Jan. 5	23
Felixstowe Aero.	Aug. 18	82	Aug. 1	65	Jan. 4	35	Jan. 5	27
Ipswich Belstead ..	July 27, 28, 29	85	Aug. 1	64	Jan. 4	33	Jan. 5	26
Lowestoft ..	Aug. 18	86	Aug. 1	64	Jan. 4	33	Jan. 5	25
Mildenhall ..	July 31	88	Aug. 1	65	Ja. 4, N.20, Dec. 14	33	Dec. 14	20
Stradishall ..	July 31	84	Aug. 1	63	—	—	—	—
Cambridge Gardens ..	July 31	89	Aug. 18	63	Dec. 14	32	Dec. 14	18
Dunstable ..	July 31	88	Aug. 1, 18	61	Jan. 4, 9	31	Dec. 14	22
Luton	July 31	88	Aug. 1	63	Jan. 4, 9	33	Dec. 14	22
Woburn ..	July 31	88	Aug. 18	63	Dec. 14	31	Dec. 14	20
Rothamsted ..	July 31	87	Aug. 1	62	Jan. 5	33	Jan. 9	24
St. Albans ..	July 31	89	Aug. 1	61	Jan. 9	33	Jan. 9, F. 8, Mar. 8	23
Dovercourt ..	Aug. 18	83	Aug. 1	65	Jan. 4	34	Jan. 5	27
Earls Colne ..	July 31	85	Aug. 1	63	Jan. 4, 9	34	Dec. 14	23
Halstead ..	July 27, 31	86	Aug. 1	64	Jan. 4, 9	34	Ja. 9, D. 14	23
Maldon ..	July 28	85	Aug. 1	64	Jan. 4	33	Jan. 9	24
Shoeburyness	May 14	85	Aug. 1	65	Jan. 4, 9	35	Ja.4, 9, F.8, Dec. 14	27
Walton-on-Naze ..	Aug. 18	83	Aug. 1	65	Jan. 5	36	Jan. 4, 5	27
Writtle ..	July 29, 31	85	Aug. 1	63	Jan. 4, 9	34	Jan. 9	22
4. MIDLAND COUNTIES								
Askham Bryan	July 31	88	Aug. 1	62	Dec. 14	31	Jan. 9	19
Bingley ..	July 31	86	Aug. 1	61	Jan. 9	31	Jan. 8	20
Bradford ..	July 31	87	Aug. 1	63	Jan. 8	30	Jan. 8, 9	21
Doncaster ..	—	—	Aug. 1	63	—	—	Dec. 14	19
Finningley ..	July 31	92	Aug. 1	65	—	—	—	
Harrogate ..	July 31	87	Aug. 1	62	Jan. 5, 9	31	Jan. 8, 9, Dec. 15	24
Huddersfield ..	July 31	89	Aug. 1	62	Jan. 8	30	Jan. 8	18
,, (Oakes)	July 31	86	July 31	62	Jan. 4, 6, 7	32	Jan. 4, 8	23
Ilkley	July 31	89	Aug. 1	62	Jan. 8	30	Jan. 8	20
Pontefract ..	July 31	87	Aug. 1	63	Ja. 9, D. 14	32	Mar. 15	21
Rotherham ..	July 31	91	Aug. 1	61	Dec. 14	31	Dec. 15	21
Sheffield ..	July 31	89	Aug. 1	65	Jan. 8	32	Jan. 8, 9, Dec. 14	26
Wakefield ..	July 31	90	Aug. 1	63	Jan. 8	28	Jan. 9	21
Belper (School)	July 31	90	Aug. 1	63	Dec. 14	31	Jan. 9	22
Buxton ..	July 31	86	Aug. 1	61	Jan. 8	29	Jan. 8	13
Mansfield ..	July 31	90	Aug. 1	63	Jan. 9	33	Jan. 8	23
Nottingham ..	July 31	90	Aug. 1	63	Dec. 14	30	Dec. 14	24
Sutton Bonington ..	July 31	90	Aug. 1	63	—	—	Jan. 8	21
Leicester ..	July 31	90	Aug. 1	62	Dec. 14	30	Dec. 14	21
Peterborough ..	July 31	92	Aug. 1	65	Ja. 9, D. 14	34	Jan. 9	22
Raunds ..	July 31	89	Aug. 1	63	Dec. 14	32	Ja. 9, D. 14	21
Birmingham ..	July 31	90	Aug. 1, 18	61	Dec. 14	30	Dec. 14, 15	26
,, Sparkhill	July 31	91	Aug. 1	61	Dec. 14	30	Dec. 14	22
Coventry ..	July 31	91	Aug. 1	61	Dec. 14	31	Jan. 8	21
Honily ..	July 31	90	July 30	61	Jan, 4, 5, Dec. 14	32	Dec. 14	22
Leamington Spa	July 31	91	Aug. 1, 18	63	Dec. 14	31	Jan. 4	17
Rugby ..	July 31	92	July 31	61	Jan. 4, 5	33	Dec. 14	22
Shipston-on-Stour ..	July 31	90	Aug. 18	62	Dec. 14	30	Dec. 14, 15	24
Stratford-on-Avon ..	July 31	92	Aug. 18	62	Dec. 14	31	Dec. 5, 14	22
Oxford ..	July 31	92	Aug. 18	64	Dec. 14	31	Dec. 14	23
Upper Heyford	July 31	91	Aug. 18	63	Dec. 14	28	Dec. 14	22
Market Drayton	July 31	87	Aug. 18	60	Dec. 14	32	Jan. 8	21
Mayfield ..	July 31	88	Aug. 1	63	Dec. 14	30	Jan. 8, 9	18
Oaken	July 31	89	Aug. 21	60	Ja. 4, D. 14	33	Dec. 14	21
Walsall ..	July 31	90	Jy.27, Au. 1	61	Dec. 14	31	Dec. 14	22
Newport ..	July 31	88	July 27, Aug. 1, 21	60	Dec. 14	32	Ja.8, Mar15	20
Oswestry ..	July 31	84	July 31, Aug. 18	59	Jan. 4, 5, 7, Dec. 14	34	Dec. 14	25

DISTRICT AND PLACE.	WARMEST DAY Highest Maximum and Date.	°F.	WARMEST NIGHT Highest Minimum and Date.	°F.	COLDEST DAY Lowest Maximum and Date.	°F.	COLDEST NIGHT Lowest Minimum and Date.	°F.
4. MIDLAND COUNTIES —*contd.*								
Shrewsbury ..	July 31	89	Ju. 27, 29, 31, Aug. 1, 18, 21	60	Dec. 14	32	Ja. 8, D. 11	22
Tern Hill ..	July 31	90	July 27, Aug. 1, 21	61	Dec. 15	31	Ja. 8, D. 14	23
Droitwich ..	July 31	92	Jy. 27, Au.1	61	Dec. 14	30	Dec. 14	20
Malvern ..	July 31	91	Aug. 18	63	Dec. 14	30	Dec. 14	24
Prestwood ..	July 31	91	July 31	62	Dec. 14	31	Dec. 14	22
Worcester (Perdiswell)	July 31	93	Aug. 1	61	Dec. 14	30	Dec. 14	21
Hereford ..	July 31	91	July 27	61	Dec. 14	32	Dec. 11	23
Ross-on-Wye	July 31	89	Aug. 18	63	Dec. 14	30	Dec. 14	23
Cheltenham ..	July 31	91	July 31	63	Dec. 14	34	Dec. 11, 14	25
Frampton Cotterell ..	July 31	90	Aug. 18	63	Dec. 14	31	Mar. 12	25
Parkend ..	July 31	88	Sept. 13	60	Dec. 14	31	Mar. 12, 15	25
Stonehouse ..	July 31	91	July 31	63	Dec. 14	31	Dec. 14	24
5. ENGLAND S.E.								
Camden Square	July 31	92	Aug. 1	65	Ja. 9, D. 16	35	Jan. 4, 5	28
East Ham ..	July 31	89	Aug. 1	64	Jan. 4	36	Jan. 9	27
Enfield ..	July 31	89	Aug. 1	65	Jan. 9	34	Jan. 9	24
Greenwich ..	July 31	89	July 28, 31, Au.18, S.11	61	Jan. 9	33	Feb. 8	25
Hampstead ..	July 31	87	Aug. 1	62	Dec. 16	34	Jan. 4	24
Kensington ..	July 31	91	Jy.31, Au.1	64	Jan. 9	35	Feb. 8	27
Regents Park ..	July 31	89	Aug. 1	65	—	—	Ja. 4, Feb.8	28
Kew Obs. ..	July 31	91	July 31	64	Jan. 9	35	Ja.8, Feb.8, Mar. 21, Dec. 14	28
Southgate ..	July 31	89	Aug. 1	64	—	—	—	—
Tottenham ..	July 31	91	Aug. 1	66	—	—	—	—
Wealdstone ..	July 31	91	Aug. 1	63	Ja.4,9,D.16	35	Ja. 4,Feb. 8	26
Westminster ..	July 31	90	July 31	66	Dec. 16	36	Feb. 8	28
Addington ..	July 31	90	July 31	64	Jan. 8	33	Ja. 5, 8	25
Croydon ..	July 31	93	July 31	65	Jan. 8, 9	33	Jan. 9	26
Farnham ..	July 31	90	July 1	63	Dec. 16	35	Feb. 8	23
Milford ..	July 31	91	Aug. 1	62	Dec. 16	33	Dec. 5	20
Wisley ..	July 31	91	Jy.31, Au.1	63	Dec. 16	34	Ja.9, Feb.8, Mar. 15	25
Bromley ..	July 31	92	July 1	63	Jan. 8	35	Ja. 4, 9, F.8	26
Canterbury ..	July 31	86	Aug. 1	65	Jan. 4, Dec. 16	34	Feb. 8	23
Deal	May 14	85	Aug. 1, 30	63	Dec. 16	35	F.8, Mar.10	25
Dover	May 14	82	Aug. 1	63	Jan. 4	34	Feb. 8	21
Dungeness ..	July 31	75	(July 31)	(65)	Jan. 4	35	Feb. 8	24
East Malling ..	July 31	90	Jy.31, Au. 1	63	Dec. 16	33	Ja. 9, Feb. 8	23
Goudhurst ..	July 31	87	Aug. 9	61	Ja. 4, D. 16	35	Feb. 8	23
Lympne ..	July 31	87	Aug. 18	65	Ja.4,Dec. 16	33	Jan. 4	24
Manston ..	May 14	83	Aug. 1	64	Jan. 4, 9, Dec. 16	34	Ja. 5, F. 8	28
Tunbridge W.	July 31	92	Aug. 1, 18	62	Jan. 4	35	Feb. 8	22
Whitstable ..	July 31	85	Aug. 1	64	Dec. 16	33	Mar. 10	24
Wye	July 31	90	July 31, Aug. 1, 18	62	Ja.8,Dec.16	33	F.8, Mar.10	24
Margate ..	May 14	84	July 29, 31 Aug. 1, 18	64	Jan. 4	36	Feb. 8	30
Beachy Head ..	July 31	78	Aug. 18	63	Jan. 4, 9	33	Jan. 4	29
Bexhill.. ..	July 31	83	July 31	67	Jan. 4	37	Feb. 8	27
Bodiam ..	July 31	88	Aug. 9, 21	61	(Jan. 4)	(35)	Ja. 4, F. 8, Mar. 10	24
Bognor ..	July 31	78	July 31	67	Dec. 14	38	Feb. 8	29
Hastings ..	July 31	86	July 31	66	Jan. 4, Dec. 11	37	Feb. 8	28
Horsham ..	July 31	91	July 31	63	Dec. 11	36	Feb. 8	20
Littlehampton	July 31	82	July 31	66	Dec. 11, 14	38	Feb. 8	25
Patcham ..	July 31	89	July 31	64	Jan. 4	36	Feb. 8	23
Seaford ..	July 31	87	July 31	65	Jan. 4	36	Feb. 8	27
Thorney Island	July 31	84	July 31, Aug. 18	65	Ja.4,Dec.16	36	F. 8, D. 14	25
Worthing ..	July 31	80	July 31	65	Ja.4,Dec.14	38	Feb. 8	28
Reading ..	July 31	91	Aug. 1	63	Dec. 16	34	Jan. 9	25
Shinfield ..	July 31	91	Aug. 1	62	Dec. 16	34	Jan. 9	24
Bournemouth	July 31	83	July 31	64	Dec. 14	36	F. 8, N. 20, Dec. 11, 14	28
Bramley ..	July 31	90	Aug. 1	62	Dec. 14, 16	34	Mar. 15, Dec. 14	23
Leckford ..	July 31	88	Aug. 18	63	Dec. 14	33	Jan, 24, 25, F. 8, N. 17, Dec. 11, 14	27
Long Sutton ..	July 31	90	Aug. 18	61	Jan. 4	32	Dec. 11	22

TABLE V [1913] (*continued*).—WARMEST DAY and NIGHT and COLDEST DAY and NIGHT in the YEAR at each STATION.

DISTRICT AND PLACE.	WARMEST DAY Highest Maximum and Date.	°F	WARMEST NIGHT Highest Minimum and Date.	°F	COLDEST DAY Lowest Maximum and Date.	°F	COLDEST NIGHT Lowest Minimum and Date.	°F
5. ENGLAND, S.E. —*contd.*								
Portsmouth	July 31	81	Aug. 18, 21	63	Jan. 4	36	Dec. 14	28
Southampton	July 31	81	July 31	65	Ja.5,Dec.14	36	Feb. 8	27
S. Farnboro'	July 31	92	July, 1, 18	63	Ja.5,Dec.16	34	Feb. 8	24
Newport	July 31	79	(July 31)	(63)	Ja.4,Dec.14	38	Mar. 21, 30	24
Ryde	July 14	77	July 31	65	Ja.4,Dec.14	39	Feb. 8	30
St. Catherine's Point	May 14, July 31	74	July 31	66	Jan. 4	36	Nov. 20	30
Sandown	Aug. 18	75	July 31	64	Dec. 12	39	Feb. 8	29
Totland Bay	July 31	81	July 31	65	Jan. 4	37	Mar. 10, 21, Nov. 17, 20 Dec. 11, 14	31
Ventnor (Hospital)	July 31	76	July 31	66	Dec. 12	39	Ja.4,5, F.8, N. 17, 20, Dec. 11, 14	32
Amesbury	July 31	88	Aug. 1	61	Jan. 4, 5, Dec. 16	34	Ja.24, F.8, Mar.10, N. 17,D.11, 14	27
Larkhill	July 31	88	July 31, Aug. 1, 18	61	Dec. 14	33	Jan. 24	26
Marlboro'	July 31	91	Aug. 1, 18	61	Jan. 4	33	Dec. 14	23
Porton	July 31	87	July 31	62	Jan. 4, Dec. 12, 14	35	Nov. 27, Dec. 14	24
7a ENGLAND, N.W.								
Keswick	July 31	82	July 31	64	Jan. 3, 4, 5	36	Dec. 13	23
Newton Rigg	July 31	83	July 31	59	Jan. 4	30	Jan. 4	17
Ambleside	July 31	85	Aug. 1	60	Jan. 4, 5	33	Dec. 13, 14	19
Appleby	July 31	86	Aug. 1	61	—	—	—	—
Blackpool	July 31	86	July 31	62	Dec. 14	33	Dec. 14	22
Bolton	July 31	87	Ju. 31, Au.1	60	Dec. 13, 14	32	Dec. 14	22
Burnley	July 31	86	July 31	62	Jan. 4	31	Jan. 4	18
Darwen	July 31	86	July 31	62	—	—	Jan. 4, 8	23
Fleetwood	July 31	82	July 31, Aug. 1,2,19	61	Dec. 13, 14	35	Dec. 14, 15	22
Hutton	July 31	88	July 31	63	Dec. 13	31	Ja. 4, D. 14	23
Leyland	July 31	87	July 31	64	Dec. 14	32	Ja. 4, D. 14	21
Manchester (Burnage)	July 31	90	July 31	65	Ja. 4, D. 14	32	Dec. 14	20
(Whitw'th P'k)	July 31	90	July 31	64	Dec. 13	31	Jan. 4, Dec. 13, 14	23
Morecambe	July 31	86	July 31	68	Dec. 13	35	Jan. 4	25
Nelson	July 31	86	July 31	62	Jan. 4	31	Jan. 8, 9	19
Southport (Bedford Road Park)	July 31	88	July 31	62	Dec. 12, 14	32	Dec. 13, 14	21
Stonyhurst	July 31	85	July 31	65	Jan. 4	32	Jan. 8	23
Bidston Obs.	July 31	86	July 31	62	Jan. 5, 8, Dec. 13	35	Dec. 13	26
Hoylake	July 30, 31	85	Aug. 18	62	Dec. 13	36	Dec. 11	23
Macclesfield	July 31	88	July 31	64	Dec. 13, 14	34	Ja. 4, D. 15	22
Manchester (Ringway)	July 31	87	July 31	65	Dec. 14	32	Dec. 13	19
Warburton	July 31	90	Aug. 1	60	Dec. 14	32	Dec. 14	17
West Kirby	July 30	87	July 31	63	Jan. 5, 8	35	Jan. 8	23
7b NORTH WALES								
Hawarden Bridge	July 31	88	Aug. 18	60	Jan. 4	34	Dec. 13, 14	24
Prestatyn	July 31	89	July 31	63	Dec. 14	38	Dec. 11, 14	26
Rhyl	July 31	85	Aug. 18	63	Dec. 14	36	Dec. 11, 12	25
Sealand	July 31	88	July 15	61	Dec. 15	32	Jan. 4, Dec. 11, 13	25
Holyhead	July 31	81	Aug. 1, 20	59	Jan. 4	39	Dec. 13, 14	30
Holyhead (Valley)	July 31	85	Jy. 31, Au.2	60	Dec. 16	37	Dec. 11, 12, 14, 16	25
Colwyn Bay	July 31	85	July 31, Aug. 18	63	Jan. 7	36	Dec. 13	25
Aber	July 31	87	July 31	63	Dec. 11, 12, 13, 15	39	Dec. 13, 14, 16	29
Llandudno	July 31	86	July 31	64	Jan. 7, Dec. 12, 14	38	Dec. 14	26
Lake Vyrnwy	July 30	81	Sept. 13	58	Jan. 8	32	Dec. 14	19
Welshpool	July 31	86	July 31	61	Dec. 11, 15	36	Nov. 17, 19	21
8a SOUTH WALES								
Aberporth	July 30, 31, Aug. 17	80	July 31	67	Dec. 16	34	Dec. 14	23
Aberystwyth	July 31	83	July 31	63	—	—	—	—
„ Llety-evan-hen	July 31	77	July 31	67	D. 11, 12, 13	32	Jan. 8	25
„ *P.B.S.	July 31	82	July 31	66	Jan. 4	34	Dec. 14	26
8a SOUTH WALES —*cont.*								
Haverfordwest	July 30	80	Aug. 18, 20, Sept. 13	59	Dec. 15	36	Dec. 14	19
St.Ann's Head	July 30	74	July 31	63	Dec. 13, 15	39	Dec. 14, 15	29
Tenby	June 29	80	July 31	66	Dec. 12, 14	38	Dec. 14	23
Rhayader	July 30, 31	82	Aug. 18	60	Dec. 14	28	Dec. 14, 15	18
Cantref	July 31	81	July 31	61	Jan. 4	32	Dec. 15	20
Crickhowell	July 31	86	June 11, Aug. 18	59	Dec. 14	30	Dec. 14	22
Cardiff	July 30, 31	85	July 29, Aug. 1, 18	61	Dec. 14	32	Jan.8, D.14	28
St. Athan	July 31	84	July 31, Aug. 18	62	Dec. 14	33	Dec. 14	28
Swansea	July 30	80	July 31	69	Jan. 4	37	Dec. 14	25
8b ENGLAND, S.W.								
Newport	July 31	87	Aug. 18	62	Dec. 14	31	Jan. 8, Mar. 12, D.11,14, 15	29
Bath	July 31	89	Aug. 1, 18	63	Dec. 14	33	Dec. 14	25
Bristol (Airport)	July 31	88	Aug. 18	62	Dec. 14	31	Dec. 11	24
Cannington	July 30, 31	85	July 29, Aug. 18	63	Dec. 14	34	Dec. 11, 14	28
Long Ashton	July 31	89	July 31	63	Dec. 14	32	Nov. 17	24
Weston-s-Mare	July 31	87	Aug. 18	63	Dec. 14	31	Nov. 19	26
Holton Heath	July 2, 31, Aug. 17	78	Aug. 1, 14	62	Dec. 14	36	Feb. 8	26
Poole	July 31, Aug. 17	81	Aug. 1	62	Dec. 12	38	Feb. 8, 28, Nov. 26	27
Portland Bill	May, 15, July 31	67	Jy. 31, Au.1	61	Dec. 14	36	Nov. 18	29
Shaftesbury	July 31	84	July 31	61	Dec. 14	32	Dec. 12	25
Swanage	May 14	77	July 31	64	Dec. 12, 14	39	Nov. 17	30
Weymouth	July 30	75	July 31	65	Dec. 11, 12, 13, 14, 15	39	Nov. 17, Dec. 11	31
Barnstaple	July 30	83	July 31	67	Dec. 14	36	Dec. 14	21
Cullompton	July 30	83	July 29, Aug. 1	63	Dec. 14	34	Mar. 15, N.26, D. 14	26
Dawlish	July 4, 28, Aug. 10, 18	76	Aug. 1	64	Dec. 13, 14	39	Dec. 14	28
Exmouth	July 2	76	July 31	65	Dec. 14	36	Dec. 14	25
Hartland Point	July 30	82	Aug. 1	61	Dec. 13, 16	37	Dec. 15	30
Ilfracombe	July 30	84	July 31	65	Dec. 11	36	Dec. 14	29
Killerton	July 3	81	July 19	61	Dec. 14	34	Mar. 20, Dec. 14	26
Newton Abbott	July 3	79	July 31	61	Dec. 14	35	Dec. 14	26
Plymouth (Hoe)	July 3, 30	78	July 31	67	Dec. 13	38	Dec. 14	25
Plymouth (Mt. Batten)	July 3, 31	77	July 31	65	Dec. 14	37	Dec. 14	25
Princetown	July 30	78	July 30	58	Dec. 12	31	N.17, D.11, 12,13,14,15	27
Seaton	July 31	76	July 29, 31, Aug. 1, 18	62	Dec. 14	34	Mar. 20, N. 26, D.11	29
Sidmouth	Jy. 4, Au.10	75	Aug. 1	63	Dec. 14	35	Dec. 14	28
Tavistock	July 30	79	July 31	66	Dec. 13	38	Dec. 15	21
Teignmouth	July 4, 28	76	July 31	65	Dec. 13	38	Dec. 14	29
Torquay	July 3, 28	75	July 31	65	Dec. 13	38	Dec. 14	29
Totnes	July 3	80	Aug. 1	61	Dec. 13	37	Dec. 14	23
Bude	Jy.30,Au.17	84	July 31	65	Dec. 15	37	Dec. 14	25
Ellbridge	July 30	81	July 31	68	Dec. 12	38	Dec. 14	22
Falmouth Obs.	July 3	78	July 31	64	Dec. 13	38	Dec. 14	31
Fowey	July 3	79	July 31	65	—	—	Dec. 14	25
Gulval	July 3	79	July 31	63	Dec. 13	37	Dec. 14	29
The Lizard	July 3	72	July 31	62	Dec. 13	41	Mar. 10, Dec. 14	33
Newquay	July 30, 31	77	July 31	65	Dec. 13	36	Dec. 14	26
Penzance	July 3	78	July 31	62	Dec. 13	41	Dec. 12	31
NORTHERN IRELAND								
Castlerock	July 31	81	Aug. 18	61	Jan. 4	36	Dec. 12, 16	28
Garvagh (Moneydig)	July 31	80	Jy. 31, Au.1	59	Jan. 4	35	Dec. 13	26
Aldergrove	July 31	78	July 31	62	Jan. 3, 4	36	Jan. 4	26
Ballyhalbert	July 31	74	July 31	59	Jan. 3	39	Jan. 4	29
Hillsborough	July 31	77	July 26	59	Jan. 3	36	Mar. 12, Dec. 16	28
Armagh	July 31	88	July 31	59	Jan. 3, 4, Nov. 16	37	Jan. 18, Nov. 15	28
SCILLY	July 29, 30, Aug. 16	72	July 31	61	Dec. 13	42	Dec. 12	37
GIBRALTAR	Sept. 9	89	Aug. 16, 17	74	Dec. 14	52	Jan. 1	38
MALTA	July 4	96	Sept. 28	78	Feb. 11	52	Jan. 28	44

*Plant Breeding Station.

TABLE VI.—MONTHLY FREQUENCIES OF SUNSHINE FOR 20 STATIONS.—NUMBER OF DAYS in each MONTH on which the DURATION of SUNSHINE was

STATION.	January					February.					March.					April.					May.					June.				
	Sunless.	0–3 hours.	3–6 hours.	6–9 hours.	> 9 hours.	Sunless.	0–3 hours.	3–6 hours.	6–9 hours.	> 9 hours.	Sunless.	0–3 hours.	3–6 hours.	6–9 hours.	> 9 hours.	Sunless.	0–3 hours.	3–6 hours.	6–9 hours.	> 9 hours.	Sunless.	0–3 hours.	3–6 hours.	6–9 hours.	> 9 hours.	Sunless.	0–3 hours.	3–6 hours.	6–9 hours.	> 9 hours.
Kirkwall	12	15	4	0	0	8	13	7	0	0	5	14	6	6	0	2	13	6	5	4	1	12	6	7	5	1	11	6	5	7
Stornoway	11	16	4	0	0	12	14	2	0	0	2	12	10	6	1	5	13	5	4	3	2	10	4	9	6	3	12	8	3	4
Aberdeen	18	6	6	1	0	3	12	10	3	0	8	9	4	8	2	2	10	8	6	4	4	7	6	7	7	3	6	9	3	9
Cockle Park	11	12	7	1	0	3	7	11	6	1	4	9	9	5	4	0	11	6	7	6	2	8	4	3	14	4	3	5	8	10
Gorleston	10	13	7	1	0	5	9	5	9	0	4	5	9	6	7	3	4	8	9	6	2	3	5	0	21	1	9	5	8	7
Cambridge (Bot. Gdns.)	14	11	5	1	0	7	8	8	5	0	4	10	7	10	0	2	9	4	8	7	2	2	7	4	16	1	4	7	13	5
Birmingham	14	12	5	0	0	6	11	8	3	0	4	11	8	7	1	4	7	6	9	4	3	5	5	6	12	2	6	7	7	8
Kew Observatory ..	10	15	6	0	0	6	11	6	5	0	3	13	8	7	0	5	7	6	6	6	2	5	6	5	13	1	6	10	8	5
Lympne	8	17	5	1	0	10	6	4	8	0	3	7	8	10	3	5	4	5	8	8	1	4	3	6	17	0	2	9	7	12
Southampton	7	17	6	1	0	6	8	6	8	0	4	6	8	10	3	2	8	5	6	9	2	6	3	3	17	2	3	5	10	10
Rothesay	18	7	6	0	0	10	12	6	0	0	7	7	8	8	1	4	12	5	6	4	1	9	6	8	7	—	—	—	—	—
Renfrew (Abbotsinch)..	19	10	2	0	0	5	15	6	2	0	8	8	7	7	1	1	15	5	4	5	3	5	6	6	11	2	9	7	2	10
Eskdalemuir	19	9	3	0	0	6	15	2	5	0	8	8	7	7	1	5	9	6	7	3	5	4	8	3	11	4	7	9	6	4
Douglas	12	11	6	2	0	5	9	10	4	0	8	6	4	7	6	0	11	5	6	8	2	4	3	5	17	2	6	4	5	13
Southport	15	9	6	1	0	9	6	9	4	0	4	8	5	9	5	1	11	4	7	7	0	9	2	4	16	0	4	4	7	15
Stonyhurst	16	12	3	0	0	11	9	6	2	0	5	7	8	11	0	1	12	5	5	7	1	8	2	6	14	1	5	11	2	11
Holyhead	7	15	8	1	0	7	9	9	3	0	10	0	6	12	3	3	8	3	10	6	4	5	3	4	15	1	5	7	3	14
Falmouth	8	17	5	1	0	4	12	7	5	0	3	11	7	5	5	1	7	3	5	14	2	6	7	5	11	5	6	3	3	13
Aldergrove	14	9	7	1	0	8	9	10	1	0	9	5	9	8	0	2	12	7	5	4	3	3	6	5	14	1	9	10	3	7
Armagh	11	11	4	5	0	8	7	9	4	0	8	5	7	10	1	4	10	5	9	2	3	4	8	2	14	0	7	8	6	9

TABLE VII.—[1913].—COLDEST DAY and WARMEST NIGHT in each month for 20 STATIONS. Date on which the *lowest* reading

STATION.	January.				February.				March.				April.				May.				June.			
	Coldest Day.		Warmest Night.		Coldest Day.		Warmest Night.		Coldest Day.		Warmest Night.		Coldest Day.		Warmest Night.		Coldest Day.		Warmest Night.		Coldest Day.		Warmest Night.	
	Date.	Max.	Date.	Min.	Date.	Max.	Date.	Min.	Date.	Max.	Date.	Min.	Date.	Max.	Date.	Min.	Date.	Max.	Date.	Min.	Date.	Max.	Date.	Min.
		°F.		°F.		°F.		°F.		°F.		°F.		°F.		°F.		°F.		°F.		°F.		°F.
Kirkwall ..	3, 4	35	29	42	6, 7	41	28	44	11	40	17	44	7	38	4, 10	46	9	42	21	51	5	50	28	53
Stornoway ..	3, 4	35	28	46	7	41	27	47	11	41	10	47	6	42	3, 12, 21	47	8, 9	46	27	50	5	50	10, 19	52
Aberdeen ..	3	35	28	46	7	36	14	48	3	43	17	46	6	41	14	51	10	43	28	50	6	50	25	54
Cockle Park	5, 9	32	27, 28	42	7	38	14	45	19	41	2	43	6	49	13	51	10	39	27	51	6	53	11	55
Gorleston ..	4	34	29	47	22	38	15	48	19	43	30	48	8	47	15, 22	51	1, 4	51	27	59	16	58	12	59
Cambridge (Bot. Gdns.)	4	34	28, 29	46	22, 23	40	11, 12	44	19	43	30	49	8	50	22	51	1	51	27	56	2, 3	59	19	57
Birmingham	5	32	20, 21, 28	45	7	39	12	46	19	40	2	46	6, 8	49	1	51	8	48	14, 30	55	2	58	11	59
Kew Observ.	9	35	28	47	22	40	12	45	3, 19	46	30	49	8	51	1	51	8	52	27	57	2	59	19	57
Lympne ..	4	33	21, 22, 29, 30	46	22, 23	39	6, 12, 15	45	3, 4, 19	45	25, 26	47	8	47	22	53	1	51	14	56	2	59	19	56
Southampton	5	36	20, 28, 29	47	22	42	12	48	3, 20	49	31	49	8	54	1	54	8	52	30	58	1, 18	60	9, 27	58
Rothesay	3	36	28	45	7	40	14	46	4	41	17	45	6	47	3, 12, 13, 14, 15	46	8	46	23	50	7	55	30	53
Renfrew (Abbotsinch)	4	30	28	49	7	40	12, 14	48	11, 19	44	2, 17, 18	47	6	48	18	50	8	42	14	51	4, 13, 22	58	10	56
Eskdalemuir	4	27	28	45	7	36	14	46	19	40	17	44	6	45	13	46	10	39	13	46	4	56	10	54
Douglas ..	7	38	28	46	7, 15	44	12	47	3, 7, 19	45	2, 30	45	1, 29	50	18	48	10	46	22, 30	50	1	53	30	57
Southport ..	4	35	21	44	8	44	12	47	3	45	30	46	1, 8	49	13, 14, 18	50	9	50	14, 27	53	14, 15	59	11	56
Stonyhurst ..	4	32	27, 28	44	7	38	12	46	3	44	30	44	8	48	12, 13, 18	49	9	48	14	53	14	57	10	56
Holyhead ..	4	39	28	46	15	45	12	48	3, 4, 12, 13, 19	47	30	47	1, 6, 12, 13	51	12, 14, 18, 23	48	8	48	30	53	4, 7	56	30	56
Falmouth ..	3, 8	47	20	50	23	47	12	48	4	48	31	51	9	53	23	51	6	54	29	60	4	58	31	59
Aldergrove	3, 4	36	28	47	3, 15	43	12	47	11	44	17	46	1, 5, 6	50	18	51	8	41	19, 30	52	1	56	10	55
Armagh ..	3, 4	37	20, 28	47	3	44	11, 14	47	24	46	17	47	5	52	13	50	8	42	19, 21	52	2	57	10	57

TABLE VIII [1914].—NUMBER OF DAYS in the YEAR with RAINFALL between given limits.

STATION.	0 in. 0 or 0·1 mm.	0·01–0·04 in. 0·2–1·0 mm.	0·05–0·20 in. 1·1–5·0 mm.	0·21–0·40 in. 5·1–10·0 mm.	0·41–0·60 in. 10·1–15·0 mm.	0·61–0·80 in. 15·1–20·0 mm.	0·81–1·00 in. 20·1–25·0 mm.	> 1·00 in. 25 mm.
Kirkwall	91	75	116	59	19	4	1	0
Stornoway	102	54	112	68	16	6	4	3
Aberdeen	190	61	74	22	10	5	2	1
Cockle Park	178	65	82	22	10	6	1	1
Gorleston	226	35	71	23	8	1	1	0
Cambridge (Bot. Gdns.)	232	37	73	13	9	1	0	0
Birmingham ..	196	60	66	32	8	1	0	2
Kew Observatory ..	228	49	57	16	8	6	1	0
Lympne	218	38	68	31	7	1	1	1
Southampton ..	213	51	56	27	9	5	4	0

STATION.	0 in. 0 or 0·1 mm.	0·01–0·04 in. 0·2–1·0 mm.	0·05–0·20 in. 1·1–5·0 mm.	0·21–0·40 in. 5·1–10·0 mm.	0·41–0·60 in. 10·1–15·0 mm.	0·61–0·80 in. 15·1–20·0 mm.	0·81–1·00 in. 20·1–25·0 mm.	> 1·00 in. 25 mm.
Rothesay	123	41	94	56	27	9	7	8
Renfrew (Abbotsinch)	133	62	94	45	15	7	6	3
Eskdalemuir ..	114	53	87	51	24	20	9	7
Douglas	156	56	81	32	22	9	8	1
Southport	176	43	82	39	15	6	3	1
Stonyhurst	145	47	82	56	18	10	3	4
Holyhead	168	60	83	30	14	7	1	2
Falmouth	154	64	89	32	9	9	8	0
Aldergrove	107	88	113	38	15	4	0	0
Armagh	116	86	108	44	8	2	0	1

(1) nil, (2) 3 hours or less, (3) more than 3 hours but not more than 6 hours, (4) more than 6 hours but not more than 9 hours, (5) more than 9 hours.

July.					August.					September.					October.					November.					December.					Year.					Station.
Sunless.	0-3 hours.	3-6 hours.	6-9 hours.	> 9 hours.	Sunless.	0-3 hours.	3-6 hours.	6-9 hours.	> 9 hours.	Sunless.	0-3 hours.	3-6 hours.	6-9 hours.	> 9 hours.	Sunless.	0-3 hours.	3-6 hours.	6-9 hours.	> 9 hours.	Sunless.	0-3 hours.	3-6 hours.	6-9 hours.	> 9 hours.	Sunless.	0-3 hours.	3-6 hours.	6-9 hours.	> 9 hours.	Sunless.	0-3 hours.	3-6 hours.	6-9 hours.	> 9 hours.	
1	9	5	11	5	—	—	—	—	—	6	9	7	7	1	11	11	5	4	0	11	18	1	0	0	18	9	4	0	0	—	—	—	—	—	Kirkwall.
2	11	9	3	6	4	17	2	6	2	5	10	8	5	2	14	8	6	3	0	13	12	5	0	0	16	8	7	0	0	88	144	70	39	24	Stornoway
1	7	7	7	9	5	12	6	6	2	4	8	8	9	1	12	9	3	6	1	10	12	7	1	0	15	13	3	0	0	85	111	77	57	35	Aberdeen.
2	7	5	7	10	4	9	12	2	4	5	7	4	8	6	9	13	2	6	1	8	11	8	3	0	15	8	8	0	0	67	105	81	56	56	Cockle Park.
1	7	6	6	11	2	5	11	9	4	2	6	9	10	3	3	14	6	8	0	5	13	9	3	0	14	9	7	1	0	52	97	87	70	59	Gorleston
2	8	4	7	10	1	6	11	6	7	1	9	6	10	4	7	9	10	4	1	7	10	12	1	0	15	8	7	1	0	63	94	88	70	50	Cambridge (Botanical Gardens)
2	5	8	5	11	2	8	10	8	3	2	12	7	8	1	6	8	12	4	1	11	11	8	0	0	19	7	5	0	0	75	103	89	57	41	Birmingham.
2	10	4	5	10	0	9	7	8	7	4	8	7	8	3	8	11	10	2	0	10	11	6	3	0	18	7	6	0	0	69	113	82	57	44	Kew Observatory.
3	6	5	1	16	0	6	8	5	12	3	4	7	10	6	6	11	8	5	1	8	11	5	6	0	13	9	7	2	0	60	87	74	69	75	Lympne
3	7	2	9	10	1	6	4	7	13	3	4	10	10	3	4	8	7	11	1	5	13	8	4	0	16	8	5	2	0	55	94	69	81	66	Southampton.
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Rothesay.
2	5	3	13	8	5	13	7	4	2	4	9	7	10	0	9	10	9	3	0	7	13	8	2	0	19	9	3	0	0	84	121	70	53	37	Renfrew (Abbotsinch)
1	5	7	10	8	5	14	7	3	2	8	10	4	7	1	11	11	5	4	0	10	8	5	7	0	17	8	6	0	0	99	108	69	59	30	Eskdalemuir
2	2	6	9	12	1	10	9	7	4	4	7	8	8	3	6	12	4	9	0	9	8	11	2	0	11	12	7	1	0	62	98	77	65	63	Douglas.
2	2	6	8	13	3	8	9	6	5	3	10	5	9	3	3	17	4	6	1	8	15	4	3	0	14	11	6	0	0	62	110	64	64	65	Southport.
2	4	3	11	11	5	10	10	4	2	5	11	5	6	3	4	14	7	6	0	6	14	7	3	0	12	13	5	1	0	69	119	72	57	48	Stonyhurst.
2	3	4	9	13	4	8	4	10	5	1	11	9	6	3	7	7	8	9	0	8	17	5	0	0	13	10	8	0	0	67	98	74	67	59	Holyhead.
5	6	5	8	7	2	9	7	6	7	4	10	4	6	6	5	11	8	4	3	5	14	7	4	0	15	6	8	2	0	59	115	71	54	66	Falmouth.
2	5	7	6	11	4	16	7	2	2	8	10	5	7	0	11	6	7	7	0	9	13	7	1	0	18	10	3	0	0	89	107	85	46	38	Aldergrove
1	4	12	6	8	4	11	9	5	2	5	13	6	5	1	11	6	7	6	1	6	17	6	1	0	20	8	3	0	0	81	103	84	59	38	Armagh.

for the month of the maximum thermometer and the *highest* reading of the minimum thermometer were recorded.

July.				August.				September.				October.				November.				December.				Year.				Station.
Coldest Day		Warmest Night.		Coldest Day.		Warmest Night.		Coldest Day.		Warmest Night.		Coldest Day.		Warmest Night		Coldest Day.		Warmest Night.		Coldest Day.		Warmest Night.		Coldest Day.		Warmest Night.		
Date.	Max.	Date.	Min.	Date.	Max.	Date.	Min.	Date.	Max.	Date.	Min.	Date.	Max.	Date.	Min.	Date.	Max.	Date.	Min.	Date.	Max.	Date.	Min.	Date.	Max.	Date.	Min.	
	°F		°F		°F		°F		°F		°F		°F		°F		°F		°F		°F		°F		°F	
1, 7, 8, 9	56	26	54	13	53	1	56	26	45	2, 14	55	4	50	10, 28, 29	52	26	40	2, 5	50	12, 30	39	6, 27	45	Jan. 3, 4	35	Aug. 1	56	Kirkwall
7, 15	56	24, 26	55	5	54	1	55	26	47	12	55	2, 6, 17, 25, 28	52	10, 27, 29	53	14, 15	40	10	53	30	39	25, 27	45	Jan. 3, 4	35	July 24, 26 Aug. 1 Sept. 12	55	Stornoway
6	55	31	58	10	53	1	59	26	47	23	56	25	50	27	53	26	38	1, 3	51	13	38	2	45	Jan. 3	35	Aug. 1	59	Aberdeen
2, 6, 21	57	27	55	28	57	1, 20	56	27	49	12, 13, 14	55	15, 16, 23, 24, 30, 31	51	1	50	26	38	1, 2	49	13	36	27	45	Jan. 5, 9	32	Aug. 1, 20	56	Cockle Park
1, 23	59	31	63	27	62	1	66	27	52	5, 11, 13	61	28	51	2, 6	56	26	40	2	54	31	37	2	45	Jan. 4	34	Aug. 1	66	Gorleston
23	59	31	62	6, 28	64	18	63	27	56	12	60	26	49	5, 6	55	20	35	1	52	14	32	26	40	Dec. 14	32	Aug. 18	63	Cambridge (Bot. Gdns.)
7, 8, 10, 18	61	27, 29, 31	60	7	60	1, 18	61	26	53	13	60	14	49	6	56	16	38	2	54	14	30	27	46	Dec. 14	30	Aug. 1, 18	61	Birmingham
23	59	31	64	28	64	1	62	27	53	10	60	26	51	5	55	20	36	1	53	14, 16	38	26	43	Jan. 9	35	July 31	64	Kew Observ.
9, 10, 23, 24	61	31	62	28	62	18	65	—	—	13	61	30	51	1, 6	55	14, 16, 17, 18	40	2	54	16	33	19, 27	43	Jan. 4 Dec. 16	33	Aug. 18	65	Lympne
10, 23	64	31	65	28	64	18	63	21	56	13	60	14	56	1	57	16	42	1	54	14	36	26, 27	45	Jan. 5 Dec. 14	36	July 31	65	Southampton
6	55	31	58	10	54	1	56	4, 20, 25, 27	56	13	54	17, 18	52	10, 27, 28	52	16	39	1	51	12	40	27	47	Jan. 3	36	July 31	58	Rothesay
6	53	26	60	10	55	1	61	27	50	14	58	17	47	27, 28	55	27	39	5	53	11	28	28	49	Dec. 11	28	Aug. 1	61	Renfrew (Abbotsinch)
10	56	31	54	28	53	1, 20	55	27	50	13	55	25	50	27	51	19	37	1	50	13	33	27	43	Jan. 4	27	Aug. 1, 20	55	Eskdalemuir
6, 14	57	31	63	6, 12	58	1	59	26	53	12, 13	57	17	51	10	54	16	42	1, 2, 5	52	12	41	1, 29	44	Jan. 7	38	July 31	63	Douglas
8	61	31	62	7	61	18	61	26	54	1	57	17	50	1	56	16	41	2	52	12, 14	32	27	45	Dec. 12, 14	32	July 31	62	Southport
8	59	31	65	7, 11, 15	59	1	61	26, 27	53	1, 11, 12, 13	57	17	49	1	54	16, 25, 26	39	2	51	13	34	27	45	Jan. 4	32	July 31	65	Stonyhurst
5, 14	59	31	58	12	59	1, 20	59	26	54	14	57	17	54	1, 5	55	16, 18	45	1, 2	52	12	41	1	47	Jan. 4	39	Aug. 1, 20	59	Holyhead
19	59	31	64	4, 5	63	20	61	21	56	1, 14, 16	59	22	55	6	56	16	45	1, 2	54	13	38	26	46	Dec. 13	38	July 31	64	Falmouth
10	56	31	62	16	58	18	59	27	47	12	56	17	47	10	55	16, 26	38	1, 3	52	19	37	27	46	Jan. 3, 4	36	July 31	62	Aldergrove
10	60	31	59	12	59	18, 20	57	27	54	11, 13	56	17	49	27, 31	53	16	37	1	52	12	39	27	45	Jan. 3, 4, Nov. 16	37	July 31	59	Armagh

Table IX [1913].—Number of Days in the Year with Maximum and Minimum Temperatures between given limits.

Station.	Maximum Temperature.							Minimum Temperature.							Station	Maximum Temperature.							Minimum Temperature.						
	32° or less.	33° to 41°.	42° to 50°.	51° to 59°.	60° to 68°.	69° to 77°.	78° to 86°.	Above 86°.	5° or less.	6° to 14°.	15° to 23°.	24° to 32°.	33° to 41°.	42° to 50°.	51° to 59°.	Above 59°.		32° or less.	33° to 41°.	42° to 50°.	51° to 59°.	60° to 68°.	69° to 77°.	78° to 86°.	Above 86°.	5° or less.	6° to 14°.	15° to 23°.	24° to 32°.	33° to 41°.	42° to 50°.	51° to 59°.	Above 59°.
Kirkwall ..	0	20	150	158	37	0	0	0	0	0	0	16	139	158	52	0	Rothesay ..	0	17	112	131	93	10	2	0	0	0	0	13	146	173	33	0
Stornoway ..	0	14	128	171	52	0	0	0	0	0	0	15	133	166	51	0	Abbotsinch ..	3	24	94	129	94	19	2	0	0	0	3	25	115	156	64	2
Aberdeen ..	0	32	101	160	69	3	0	0	0	0	2	17	136	151	59	0	Eskdalemuir ..	5	44	112	125	69	9	1	0	0	0	13	72	154	111	15	0
Cockle Park ..	2	31	92	110	118	12	0	0	0	0	0	39	146	141	39	0	Douglas.. ..	0	8	120	146	83	8	0	0	0	0	0	6	114	163	81	1
Gorleston ..	0	18	97	103	111	33	3	0	0	0	0	14	110	112	110	19	Southport ..	2	17	100	105	111	28	1	1	0	0	2	40	91	143	86	3
Cambridge ..	1	24	75	88	90	71	15	1	0	0	3	68	100	114	75	5	Stonyhurst ..	1	26	112	99	102	23	2	0	0	0	1	37	126	127	72	2
Birmingham ..	2	28	93	93	100	43	4	2	0	0	0	23	114	138	84	6	Holyhead ..	0	3	89	151	114	6	2	0	0	0	0	9	64	180	112	0
Kew Obs. ..	0	21	86	103	88	58	8	1	0	0	0	35	107	113	103	7	Falmouth ..	0	2	54	151	134	23	1	0	0	0	0	6	68	163	120	8
Lympne ..	—	—	—	—	—	—	—	—	0	0	0	41	101	128	86	9	Aldergrove ..	0	16	114	116	101	17	1	0	0	0	0	20	127	151	66	1
Southampton ..	0	9	75	93	108	70	10	0	0	0	0	33	114	117	94	7	Armagh ..	0	8	92	131	111	20	2	1	0	0	0	20	128	142	75	0

TABLE XIIA [1934].—NUMBER OF HOURS in each month with gusts exceeding (*a*) 38 mi/hr. (17·1 m/s.) and (*b*) 54 mi/hr. (24·5 m/s.).

District and Station.	More than 38 mi/hr. or 17·1 m/s.													More than 54 mi/hr. or 24·5 m/s.											
	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.
	Number of hours.													Number of hours.											
0. Lerwick	252	389	283	320	198	16	28	20	181	141	164	196	2188	54	179	116	67	35	0	0	0	18	9	19	58	555
Kirkwall	146	309	199	225	128	15	10	32	166	151	191	194	1766	29	119	40	35	12	0	0	0	18	5	24	38	320
Stornoway	198	321	236	246	107	37	36	—	144	238	183	208	—	44	97	64	51	13	0	1	—	15	36	24	48	—
1. Aberdeen	60	72	30	91	31	0	6	5	26	35	58	37	451	1	16	0	9	4	0	0	0	0	0	6	0	36
Bell Rock	169	215	108	153	89	21	24	18	90	111	143	76	1217	24	29	19	39	24	0	0	1	1	9	23	28	197
Edinburgh	65	155	81	117	51	9	14	18	25	101	47	49	732	6	13	3	13	2	0	0	0	0	11	3	0	51
6*a*. Tiree	223	205	160	180	57	20	2	4	85	150	195	137	1418	21	59	22	34	4	0	0	0	2	0	14	30	186
Paisley	50	127	75	105	56	10	15	28	29	53	55	61	664	3	24	7	18	3	0	0	0	0	0	2	6	63
Abbotsinch	57	118	66	119	62	16	15	16	24	44	46	63	646	1	18	9	16	1	0	0	0	0	1	0	3	49
Eskdalemuir	68	140	83	158	62	43	51	57	30	85	111	54	942	2	47	9	40	8	0	0	2	0	13	14	0	135
6*b*. Point of Ayre	144	163	80	136	64	34	27	35	80	133	197	110	1203	20	39	4	33	16	0	0	0	3	4	33	6	158
2. South Shields	27	77	34	96	26	1	9	6	14	8	50	9	357	1	6	2	12	0	0	0	0	0	0	7	0	28
Durham	34	102	30	90	30	6	22	14	18	26	71	18		5	31	3	38	4	0	0	0	0	0	14	0	95
Catterick	30	82		Anemometer dismantled 8/3/43										2	17		Anemometer dismantled 8/3/43									—
Spurn Head	99	145	31	114	59	3	11	—	8	15	47	14	—	16	23	7	27	13	0	0	—	1	0	1	1	—
Cranwell	60	128	45	125	66	10	20	33	18	17	58	18	598	7	6	5	24	8	0	0	0	0	0	0	0	50
3. Gorleston	81	53	14	60	42	2	3	4	4	11	16	24	314	13	5	1	9	12	1	0	0	0	0	0	3	44
Mildenhall	82	78	28	90	64	9	25	32	9	28	41	16	502	14	10	2	22	7	0	0	0	0	0	0	0	55
Cardington	61	—	—	75	57	8	20	27	11	23	31	18	—	13	—	—	6	11	0	0	0	0	0	0	2	—
Dunstable	57	73	24	78	42	1	8	21	3	3	—	16	—	9	3	1	7	0	0	0	0	0	0	—	2	—
Shoeburyness	55	62	5	35	63	3	0	0	0	14	46	19	322	11	10	0	9	11	0	0	0	0	4	0	0	45
4. Leicester	15	—	1	—	18	0	—	1	3	0	11	11	—	2	—	0	—	0	0	—	0	0	0	0	0	—
Birmingham	38	64	33	93	36	6	13	23	10	8	30	14		10		0	8	9	0	0	0	0	0	0	0	
5. Kingsway	—	—	—	—	50	22	6	29	1	4	12	12	—	—	—	—	—	2	1	0	0	0	0	0	0	—
Southgate	13	10	4	6	7	0	0	Record Unreliable					—	2	0	0	0	0	0	0	Record Unreliable					—
Kew	47	42	24	46	59	14	2	12	2	4	11	9	272	10	3	0	4	0	0	1	0	0	0	0	0	18
Lympne	82	76	11	59	79	16	22	31	9	36	32	—	—	20	8	0	4	26	0	0	0	0	0	2	—	—
Manston	54	39	2	43	37	5	1	10	9	13	23	17	253	10	5	0	4	8	0	0	0	0	0	0	1	28
Thorney Island	65	56	13	71	89	23	16	30	10	25	26	23	447	13	6	0	7	21	0	0	0	0	1	0	0	48
Boscombe Down	78	64	30	36	63	15	2	12	5	14	46	17	382	13	5	0	6	5	0	0	0	0	2	0	0	31
Larkhill	77	44	19	43	75	19	2	13	7	6	25	9	339	11	3	0	4	5	0	0	0	0	0	0	1	24
7*a*. Fleetwood	—	161	58	154	44	—	20	33	27	25	—	—	—	—	43	2	29	10	—	2	0	0	0	—	—	—
Southport	33	99	1	108	22	7	26	39	18	33	106	26	518	1	15	0	27	0	0	0	0	0	0	3	0	46
7*b*. Liverpool	94	151	53	134	34	54	40	66	47	38	170	40	921	7	47	13	51	13	0	7	1	3	1	38	4	185
Manchester Ringway	82	88	48	110	47	19	18	28	30	39	71	20	600	7	13	6	36	10	0	1	0	0	2	7	0	82
Holyhead	177	—	—	—	59	67	44	57	68	115	168	79	—	10	—	—	—	14	0	0	3	7	1	43	12	—
Sealand	—	—	—	—	—	21	7	6	24	20	94	18	—	—	—	—	—	—	0	0	0	0	0	7	0	—
8*b*. St. Ann's Head	271	252	63	104	96	34	46	133	63	128	217	114	1521	54	44	3	31	38	0	0	3	0	14	63	25	275
Plymouth					26	5	0	11	16	52	26	17						12	0	0	1	0	2	1	2	
Lizard												Anemometer		under repair												
Pendennis Castle	159	108	50	48	80	33	9	11	1	31	6	10	546	29	11	0	4	24	0	0	0	0	1	0	2	71
—Aldergrove	44	86	29	82	19	0	12	2	44	39	40	19	416	3	9	1	14	0	0	0	0	2	1	0	3	33
—Scilly	222	166	36	53	114	37	4	43	Out of order			89	—	38	13	0	0	39	1	0	6	Out of order			5	—

NOTE.—This table includes data only for stations where the anemometer is fitted with connecting pipes of 1 inch internal diameter.

TABLE XIIB (Formerly Table XII) [1914].—DISTRIBUTION OF DAYS on which maximum hourly wind exceeded (*a*) 38 mi/hr. (17·1 m/s.) and (*b*) 24 mi/hr. (10·7 m/s.)

District and Station.	More than 38 mi/hr. or 17·1 m/s.													More than 24 mi/hr. or 10·7 m/s.											
	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.
	Number of days.													Number of days.											
0. Lerwick	6	15	10	12	6	0	0	0	5	2	4	7	67	17	24	23	24	18	8	6	8	18	22	20	18	206
Kirkwall	3	5	1	0	0	0	0	0	0	1	3	2	15	11	19	13	19	12	3	1	4	13	17	16	17	145
Stornoway	7	12	9	7	5	0	1	—	3	6	6	7	(65)	19	24	25	23	14	14	10	—	17	26	18	21	—
1. Aberdeen	0	15	0	1	0	0	0	0	0	0	0	0	2	4	7	0	7	2	0	1	1	0	2	4	0	28
Bell Rock	11	10	6	6	5	0	0	2	3	5	3	5	56	24	25	18	24	18	9	12	16	18	18	20	15	217
Edinburgh	2	0	0	2	0	0	0	0	0	1	0	0	5	10	18	9	14	5	3	2	5	8	9	7	9	99
6*a*. Tiree	4	7	1	5	1	0	0	0	2	0	5	4	29	21	23	4	18	13	9	3	3	15	19	18	16	172
Paisley	0	0	0	0	0	0	0	0	0	0	0	0	0	3	7	3	6	5	0	0	1	1	1	4	4	35
Abbotsinch	0	2	1	0	0	0	0	0	0	0	0	0	3	2	11	3	7	4	1	1	0	2	3	5	2	41
Eskdalemuir	0	4	2	4	1	0	0	0	0	1	0	0	12	10	12	9	14	6	5	4	6	3	10	9	5	93
6*b*. Point of Ayre	3	5	1	5	2	0	0	0	1	0	6	1	24	24	15	9	16	13	7	4	12	13	15	15	15	158
2. South Shields	0	0	0	1	0	0	0	0	0	0	1	0	2	4	9	2	8	4	0	1	3	2	3	6	1	43
Durham	0	0	0	2	0	0	0	0	0	0	0	0	2	3	9	2	9	3	1	1	2	2	0	6	1	39
Catterick	0	0	Df.†	—	—	—	—	—	—	—	—	—	—	2	4	Df.†	—	—	—	—	—	—	—	—	—	—
Spurn Head	4	6	1	4	3	0	0	—	1	1	1	1	22	18	11	9	11	8	5	10	—	7	10	14	10	123
Cranwell	1	0	1	3	0	0	0	—	0	0	0	0	5	11	11	5	11	7	2	2	5	2	4	11	4	75
3. Gorleston	1	1	0	1	2	0	0	0	0	0	0	1	6	14	6	1	4	7	2	0	1	2	7	2	3	49
Mildenhall	0	0	0	2	0	0	0	0	0	0	0	0	2	9	10	3	8	6	1	4	3	2	3	6	3	58
Cardington	0	—	—	1	2	0	0	0	0	0	0	1	4	9	—	—	10	7	2	7	11	5	6	7	5	83
Dunstable	0	0	0	1	0	0	0	0	0	0	*	0	—	14	9	2	6	6	0	0	2	1	0	*	5	—
Shoeburyness	1	2	0	1	2	0	0	0	0	1	0	0	7	14	10	4	8	8	2	0	0	3	6	6	8	69
4. Leicester	0	—	0	—	0	0	—	0	0	0	0	0	—	2	—	0	—	1	0	—	0	1	0	1	0	8
Birmingham	0	0	0	1	0	0	0	0	0	0	0	0	1	4	7	2	7	3	1	2	3	1	1	4	1	36
5. Kingsway	—	—	—	—	0	0	0	0	0	0	0	0	—	—	—	—	—	0	1	0	0	0	0	0	0	—
Southgate	0	0	0	0	0	0	0	0	Records unreliable				—	0	0	0	0	0	0	0	0	Records unreliable				—
Kew	0	0	0	0	0	0	0	0	0	0	0	0	0	3	4	2	1	4	1	0	0	0	0	0	1	16
Lympne	1	1	0	0	2	0	0	0	0	0	0	2	6	7	7	4	4	7	2	3	2	3	4	4	2	49
Manston	1	1	0	0	1	0	0	0	0	0	0	1	4	9	4	0	3	2	2	0	1	3	4	3	2	33
Thorney Island	1	0	0	0	0	0	0	0	0	0	0	0	1	7	7	1	6	6	2	0	0	0	3	3	2	37
Boscombe Down	1	1	0	0	0	0	0	0	0	1	0	0	3	13	8	3	5	6	2	0	2	1	3	6	2	51
Larkhill	1	1	0	1	1	0	0	0	0	0	0	0	4	10	7	2	4	7	2	1	1	1	1	3	2	41
7*a*. Fleetwood	—	5	2	4	1	—	0	0	0	1	—	—	—	—	14	9	16	6	—	5	5	6	6	—	—	113
Southport	0	2	1	3	1	0	1	0	0	0	3	0	11	6	12	3	10	7	9	2	10	4	6	13	6	88
7*b*. Liverpool	0	2	1	2	1	0	0	0	0	0	0	0	6	8	12	3	7	2	2	3	3	2	3	10	3	58
Manchester Ringway	1	1	1	4	1	0	0	0	0	1	0	0	9	13	12	24	10	7	7	3	5	6	8	9	3	107
Holyhead	2	—	—	—	2	0	1	0	1	0	5	2	19	20	—	—	—	11	6	6	9	14	10	17	10	137
Sealand	—	—	—	—	—	0	0	0	0	0	0	0	0	—	—	—	—	—	2	3	2	2	2	9	2	43
8. St. Ann's Head	8	6	2	5	4	0	0	1	1	2	6	2	37	24	15	9	11	14	8	10	18	9	16	13	12	159
Plymouth	7	2	0	1	2	0	0	1	0	2	0	1	16	19	8	4	5	7	3	4	8	3	10	6	6	83
Lizard												Anemometer		under repair												
Pendennis Castle	9	5	1	3	3	1	0	2	0	2	0	2	28	22	12	10	9	15	8	8	9	8	11	9	12	133
—Aldergrove	0	0	0	0	0	0	0	0	0	0	0	0	0	4	5	1	5	0	0	0	0	4	2	4	2	27
—Scilly	4	2	0	0	4	0	0	1	Out of order			1	—	21	15	8	7	15	9	5	23	Out of order			18	—

† Defective Record. Anemometer dismantled March, 1942.

* Record incomplete.

TABLE XIII [FIRST Published 1900].—OCCASIONS ON WHICH THE MAXIMUM HOURLY MEAN WIND WAS 47 mi/hr. (20·8 m/s.) or more. For an anemograph at 33 ft. above ground in the open the limit corresponds with that of Force 9 (Strong Gale) on the Beaufort Scale. Upon a plate exposed normally to it, a wind of 47 mi/hr. exerts pressure on the front and suction on the back, of which the resultant is about 3·2 mb. (6½ lb. weight per sq. ft.).

The pressure equivalents of winds of stated velocities are given in the *Meteorological Observer's Handbook.*

[The highest Mean Velocity measured in this way which has been recorded at M.O. stations in the British Isles is 78 mi/hr. (35 m/s.) at Fleetwood on 22nd December, 1894, corresponding with a pressure of about 8·8 mb. (18lb. weight per square foot).]

District and Station.	Date.	Maximum Hourly Mean Wind of 47 mi/hr. or more.				Maximum Speed in a gust during the day.				Hours for which mean speed exceeded 38 mi/hr.
		Hour ended at	Direction	Speed.		Time.		Speed.		
			°	mi/hr.	m/s.	hr.	m.	mi/hr.	m/s.	
0. Lerwick ..	January 10th	08	170	48	22	07	15	69	31	23h. on 9th to 14h. on 10th.
	February 18th	15	290	47	21	07	55	76	34	02h. to 09h. on 18th; 11h. to 19h. on 18th.
	,, 19th	19	280	60	27	15	40	95	42	03h. to 05h. on 19th; 07h. on 19th to 02h. on 20th.
	,, 20th	01	310	47	21	00	10	72	32	07h. on 19th to 02h. on 20th.
	,, 25th	13	230	57	25	12	00	81	36	07h. to 22h. on 25th.
	,, 27th	14	260	47	21	05	50	67	30	24h. on 26th to 18h. on 28th.
	,, 28th	12	290	52	23	12	05	85	38	24h. on 26th to 18h. on 28th.
	March 1st	24	280	47	21	23	20	69	31	19h. on 1st to 06h. on 2nd.
	,, 2nd	02	290	48	21	01	10	69	31	19h. on 1st to 06h. on 2nd.
	April 14th	24	230	48	21	23	15	67	30	01h. to 03h. on 14th; 16h. on 14th; 22h. on 14th to 02h. on 15th.
	,, 18th	18	260	59	26	19	25	85	38	22h. on 14th to 02h. on 15th.
	May 11th	13	260	47	21	01	35	69	31	02h. to 04h. on 11th; 10h. to 18h. on 11th.
	September 30th	24	240	48	22	23	15	67	30	22h. to 24h. on 30th.
	November 13th	22	30	53	23	20	45	78	35	19h. on 13th to 07h. on 14th.
	,, 14th	01	20	49	22	00	40	65	29	19h. on 13th to 07h. on 14th; 24h. on 14th to 02h. on 15th.
	December 25th	11	220	50	22	13	00	78	35	09h. to 18h. on 25th.
	,, 26th	24	250	48	21	23	50	63	28	05h. on 26th to 07h. on 27th.
	,, 27th	04	240	48	21	03	55	65	29	05h. on 26th to 07h. on 28th.
Stornoway ..	January 17th	15	190	47	21	14	25	72	32	14h. to 15h. on 17th; 18h. on 17th.
	,, 24th	17	180	49	22	16	15	68	30	08h. to 23h. on 24th.
	,, 25th	23	210	47	21	20	55	70	31	18h. on 25th; 21h. to 23h. on 25th.
	February 15th	12	300	56	25	11	05	81	36	07h. to 19h. on 15th.
	,, 25th	02	180	51	23	02	40	82	37	23h. on 24th to 03h. on 25th; 06h. to 09h. on 25th; 10h. to 13h. on 25th.
	March 7th	24	180	48	21	23	35	60	27	23h. to 24h. on 7th.
	,, 8th	06	190	50	22	11	10	68	30	03h. to 07h. on 8th; 12h. on 8th.
	,, 15th	03	190	51	23	01	55	68	30	23h. on 14th to 09h. on 15th.
	April 6th	23	260	50	22	22	25	70	31	08h. to 09h. on 6th; 23h. on 6th to 06h. on 7th.
	,, 7th	03	290	51	23	02	35	75	33	23h. on 6th to 06h. on 7th; 07h. to 09h. on 7th.
	October 12th	07	190	47	21	12	45	66	29	01h. to 02h. on 12th; 05h. to 12h. on 12th; 14h. to 17h. on 12th.
	December 17th	13	180	47	21	12	30	65	29	03h. to 05h. on 17th; 10h. to 16h. on 17th.
	,, 18th	23	190	48	21	22	50	66	29	21h. on 18th to 06h. on 19th.
	,, 19th	04	210	54	24	11	55	79	35	21h. on 18th to 06h. on 19th; 09h. to 16h. on 19th.
1. Bell Rock ..	January 9th	23	180	56	25	22	05	72	32	18h. on 9th to 05h. on 10th.
	,, 10th	01	180	54	24	00	20	69	31	18h. on 9th to 05h. on 10th.
	,, 11th	12	160	49	22	11	30	65	29	07h. to 17h. on 11th.
	February 6th	03	230	62	28	03	20	83	37	24h. on 5th to 05h. on 6th.
	,, 12th	12	270	48	21	11	20	70	31	01h. to 07h. on 12th; 10h. to 19h. on 12th.
	,, 14th	24	250	48	21	23	05	62	28	18h. on 14th; 20h. on 14th to 02h. on 15th.
	,, 15th	15	280	48	21	12	20	66	29	20h. on 14th to 02h. on 15th; 07h. to 08h. on 15th; 11h. to 17h. on 15th.
	,, 19th	14	250	48	21	13	30	60	27	04h. on 19th; 14h. to 16h. on 19th.
	April 5th	13	240	52	23	10	30	71	32	08h. to 14h. on 5th; 17h. on 5th; 20h. on 5th.
	,, 7th	10	350	60	27	08	45	82	37	06h. to 09h. on 7th; 10h. to 13h. on 7th; 16h. to 17h. on 7th; 21h. on 7th.
	May 8th	24	360	52	23	22	15	70	31	06h. to 13h. on 8th; 15h. to 17h. on 8th; 19h. on 8th to 09h. on 9th.
	,, 9th	06	350	63	28	05	25	85	38	19h. on 8th to 09h. on 9th.
	November 14th	06	20	58	26	05	55	78	35	02h. to 12h. on 14th; 18h. to 22h. on 14th.
	December 19th	03	240	50	22	12	50	68	30	23h. on 18th to 19h. on 19th; 22h. on 19th; 24h. on 19th.
	,, 27th	02	260	48	21	01	45	63	28	01h. to 03h. on 27th; 07h. to 08h. on 27th.
6a. Tiree ..	February 12th	10	260	48	21	10	15	75	33	08h. to 16h. on 12th; 19h. on 12th to 03h. on 13th.
	,, 15th	13	310	48	21	11	30	72	32	04h. on 15th; 08h. on 15th to 03h. on 16th.
	December 18th	17	140	49	22	21	35	76	34	15h. to 18h. on 18th; 20h. on 18th to 05h. on 19th.
Eskdalemuir	April 7th	6	290	55	25	06	45	91	41	03h. on 7th; 05h. on 7th; 10h. on 7th.

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District and Station.	Date.	Maximum Hourly Mean Wind of 47 mi/hr. or more.				Maximum Speed in a gust during the day.				Hours for which mean speed exceeded 38 mi/hr.
		Hour ended at	Direction	Speed.		Time.		Speed.		
			°	mi/hr.	m/s.	hr.	m.	mi/hr.	m/s.	
6b. Point of Ayre	April 7th	10	340	55	25	09	15	79	35	07h. to 14h. on 7th.
	May 9th	01	360	48	21	00	35	64	29	19h. on 8th to 10h. on 9th.
2. South Shields	April 7th	11	330	54	24	10	20	88	39	09h. to 13h. on 7th.
	November 14th	09	350	47	21	08	20	74	33	07h. to 12h. on 14th.
Spurn Head	January 31st	14	190	48	21	13	25	68	30	09h. to 15h. on 31st.
	April 7th	13	340	57	25	11	50	91	41	07h. to 21h. on 7th; 23h. on 7th.
	,, 26th	12	290	48	21	09	05	65	29	07h. to 16h. on 26th.
	May 10th	12	190	48	21	12	20	66	29	09h. to 14h. on 10th.
Cranwell ..	April 7th	11	(310)	52	23	10	40	81	36	10h. to 17h. on 7th.
3. Cardington	January 31st	15	190	50	22	14	40	72	32	08h. to 15h. on 31st.
	April 7th	13	280	53	24	12	50	78	35	12h. to 14h. on 7th.
	May 10th	11	180	47	21	10	40	68	30	09h. to 14h. on 10th; 16h. to 17h. on 10th.
Shoeburyness	January 31st	14	190	57	26	14	45	76	34	08h. to 18h. on 31st.
	February 1st	03	210	48	21	05	15	72	32	01h. to 06h. on 1st.
	April 7th	13	300	48	21	12	45	79	35	12h. to 17h. on 7th.
	May 10th	11	190	47	21	13	10	67	30	09h. to 18h. on 10th.
5. Boscombe Down ..	January 31st	13	190	49	22	12	30	74	33	07h. to 15h. on 31st.
Larkhill ..	January 31st	14	190	47	21	13	15	78	35	09h. to 15h. on 31st.
7a. Fleetwood ..	February 13th	01	320	48	21	03	45	65	29	19h. on 12th to 4h. on 13th; 08h. on 13th.
	,, 15th	18	330	48	21	19	20	72	32	05h. on 15th to 01h. on 16th.
	April 5th	22	330	47	21	19	20	59	26	20h. on 5th to 03h. on 6th.
	,, 7th	09	330	57	25	08	55	76	34	07h. to 13h. on 7th; 18h. on 7th.
	,, 26th	06	300	51	23	05	40	68	30	04h. to 10h. on 26th; 12h. to 13h. on 26th.
	May 9th	06	360	53	24	05	20	70	31	01h. to 12h. on 9th.
Southport ..	April 7th	06	270	49	22	05	10	61	27	03h. to 08h. on 7th; 10h. to 14h. on 7th.
	,, 25th	24	250	49	22	22	55	64	29	22h. on 25th to 12h. on 26th.
	,, 26th	02	250	50	22	01	20	69	31	22h. on 25th to 12h. on 26th.
	May 9th	05	340	48	21	08	45	67	30	01h. to 11h. on 9th.
Liverpool ..	March 30th	21	280	48	21	20	55	81	36	20h. to 22h. on 30th.
	April 7th	06	250	48	21	05	50	75	33	04h. to 09h. on 7th.
	,, 26th	04	270	48	21	03	15	80	36	02h. to 12h. on 26th.
Manchester Ringway ..	,, 7th	11	300	56	25	10	30	91	41	07h. to 14h. on 7th.
7b. Holyhead ..	February 15th	24	310	48	21	23	55	74	33	03h. to 04h. on 15th; 09h. to 10h. on 15th; 12h. on 15th; 14h. to 16h. on 15th; 19h. on 15th to 05h. on 16th.
	May 8th	23	330	47	21	23	05	72	32	18h. on 8th to 09h. on 9th.
	,, 9th	07	310	50	22	02	20	76	34	18h. on 8th to 09h. on 9th.
	December 22nd	05	300	49	22	03	25	69	31	22h. on 21st to 08h. on 22nd.
Sealand ..	April 7th	10	270	50	22	—	—	—	—	07h. to 10h. on 7th; 16h. to 17h. on 7th.
	,, 26th	13	270	51	23	—	—	—	—	08h. on 26th; 12h. to 15h. on 26th
8a. St. Ann's Hd.	January 10th	23	110	47	21	23	15	64	29	21h. to 23h. on 10th.
	,, 11th	22	170	50	22	20	55	75	33	04h. to 05h. on 11th; 08h. to 12h. on 11th; 20h. to 24h. on 11th.
	,, 31st	06	190	50	22	07	40	75	33	06h. to 12h. on 31st.
	February 8th	22	200	50	22	21	50	76	34	18h. to 24h. on 8th.
	April 25th	23	280	49	22	22	50	63	28	23h. on 24th to 01h. on 25th; 15h. to 16h. on 25th; 18h. on 25th to 05h. on 26th.
	,, 26th	01	280	50	22	04	05	71	32	18h. on 25th to 05h. on 26th.
	May 8th	06	270	49	22	09	00	63	28	04h. to 09h. on 8th; 17h. to 18h. on 8th.
	,, 10th	08	230	49	22	06	45	71	32	05h. to 09h. on 10th.
	November 24th	03	300	48	21	01	35	67	30	21h. on 23rd to 08h. on 24th.
8b. Plymouth ..	January 11th	20, 21, 22	—	52	23	20	05	70	31	17h. on 11th to 01h. on 12th.
	,, 31st	08	—	60	27	09	10	78	35	03h. to 12h. on 31st.
	February 8th	24	—	51	23	20	50	65	29	17h. on 8th to 02h. on 9th.
	,, 9th	02	—	53	24	02	00	73	33	17h. on 8th to 02h. on 9th.
	May 7th	22	—	50	22	22	20	64	29	17h. to 23h. on 7th.
	,, 10th	10	—	49	22	09	25	62	28	09h. to 13h. on 10th.
	October 19th	14	—	49	22	13	15	84	38	10h. to 14h. on 19th.
	December 21st	11	—	50	22	11	30	67	30	09h. to 11h. on 21st.
Pendennis Castle ..	January 11th	21	200	59	26	19	55	74	33	03h. to 08h. on 11th; 17h. to 23h. on 11th
	,, 25th	09	230	47	21	08	20	55	25	24h. on 24th to 11h. on 25th.
	January 31st	08	240	60	27	08	10	78	35	02h. to 11h. on 31st.
	February 8th	24	Def.	53	24	22	20	66	29	17h. on 8th to 01h. on 9th.
	,, 9th	01	Def.	59	26	00	55	75	33	17h. on 8th to 01h. on 9th.
	May 7th	21	240	52	23	19	30	61	27	17h. to 20h. on 7th; 24h. on 7th to 14h. on 8th.
	,, 8th	10	290	51	23	09	10	69	31	24h. on 7th to 14h. on 8th; 16h. on 8th.
	,, 10th	07	240	55	24	06	20	66	29	02h. to 12h. on 10th.
	October 19th	12	190	47	21	12	20	61	27	10h. to 14h. on 19th.
	December 21st	16	240	49	22	09	35	58	26	09h. to 10h. on 21st.
Scilly ..	January 11th	05	230	48	21	19	10	74	33	02h. to 09h. on 11th; 01 8th. 20h. on 11th.
	,, 31st	07	210	47	21	06	15	69	31	03h. to 09h. on 31st.
	May 7th	24	250	49	22	23	50	75	33	18h. on 7th to 17h. on 8th.
	,, 8th	04	280	61	27	03	20	84	38	18h. on 7th to 17h. on 8th; 23h. on 8th to 05h. on 9th.

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TABLE X.—PARTICULARS OF CHANGES OF ANEMOGRAPHS.

District and Station	Type	Anemograph in action from	"Analysis" published from	Height of Vane or Cups. Above Mean Sea Level	Above Ground	Effective Height†	NOTES. *
				Ft.	Ft.	Ft.	
1. Aberdeen ..	D	1933	1936	120	41	32	These heights are for the anemometer now in use and erected at Glebe Hill in 1933.
3. Dunstable ..	D	1942	1943	567	55	33	Anemometer installed December, 1941.
3. Shoeburyness	D	1902	1909	115	104	89	Distant reading anemometer installed October, 1943.
5. Kingsway ..	D	—	1943	222	151	30	Anemometer installed March, 1928; records analysed from May, 1943.
7*b*. Sealand ..	D	1927	1924†	81	63	42	Head and mast damaged November, 1942; swinging plate anemometer in use until June, 1943.

† Type A till 1927. * For full details see Table X, Annual Summary, 1939.

TABLE III (*a*).—SKY OBSERVATIONS, YEAR 1943.

WEATHER DIARY ROYAL OBSERVATORY, GREENWICH	Number	NIGHT SKY RECORDER**	GREENWICH	PORTON.
Persistently overcast days ..	18	Recorder in operation on ..	259 nights	315 nights
,, cloudless ,, ..	1	Average exposure (hours) ..	9·46	8·9
,, foggy ,, ..	1	Polaris unobscured (per cent.)	46	52
		δ Ursæ Minoris (ditto) ..	42	44

***See* Meteorological Magazine, May, 1920, p. 70.

TABLE III (*b*).—SOLAR RADIATION.

DIRECT SOLAR RADIATION, KEW OBSERVATORY.
Cal./cm.²/diem.
Max. (on July 17) 752
Mean .. 156·8

WIND SUMMARY, AND NOTES.

TABLE XI [FIRST PUBLISHED 1914]. DISTRIBUTION OF WINDS of stated speeds at anemograph-stations, and Maximum Speeds for the year. The distribution of wind is not given if the record failed for 500 hours or more.

District and Station.	Distribution of Wind. More than 38 mi/hr. No. of Days.	Duration 1943.	Duration Average.	25 to 38 mi/hr. No. of Days.	Duration.	13 to 24 mi/hr. Duration.	4 to 12 mi/hr. Duration.	Less than 4 mi/hr. Duration.	No. Record. Duration.	Extreme Velocities. Highest Hourly Wind. Direction and Speed. °	mph	m/s.	Hour ended at. month.	day.	hours.	Highest Gust. Speed. mph	m/s.	Date. month.	day.	h.	m.
		hr.	hr.		hr.	hr.	hr.	hr.	hr.												
0. Lerwick	67	439	273	206	2,114	3,742	2,060	405	0	280	60	27	Feb.	19	19	95	42	Feb.	19	15	40
Kirkwall	15	49	67	145	1,049	3,814	3,160	688	0	280			Feb.	19	15						
										30	45	26	Nov.	13	23	80	36	Feb.	19	14	30
										250	45	20	Dec.	19	13						
Stornoway ..	65	314	241	216	2,019	3,240	2,171	935	81	300	56	25	Feb.	15	12	82	37	Feb.	25	02	40
1. Aberdeen	2	4	2	28	80	1,663	5,349	1,664	0	330	41	19	April	7	09	83	37	Feb.	15	17	15
Bell Rock	56	297	280	217	1,979	3,800	1,857	803	24	350	63	28	May	9	06	88	39	April	25	14	55
Edinburgh ..	5	10	20	99	605	3,349	3,759	1,037	0	180	43	19	Oct.	12	15	74	33	Feb.	12	10	25
6. Tiree	29	118	95	172	1,584	3,640	2,703	603	112	140	49	22	Dec.	18	17	76	34	Dec.	18	21	35
Paisley	—	0	0·5	35	110	2,062	5,252	1,312	24	240	37	17	March	30	14	73	33	Feb.	12	14	50
Abbotsinch ..	3	3	4	41	149	1,894	4,430	2,282	2	240	42	19	Feb.	6	01	73	33	Feb.	15	14	50
Eskdalemuir ..	12	25	36	93	609	2,647	3,533	1,946	0	290	55	25	April	7	06	91	41	April	7	06	45
6*b*. Point of Ayre ..	24	133	100	158	1,319	4,036	2,559	619	94	340	55	25	April	7	10	79	35	April	7	09	15
2. South Shields ..	2	11	14	43	228	2,097	4,371	2,039	14	330	54	24	April	7	11	88	39	April	7	10	20
Durham	2	6	3	39	232	2,652	4,155	1,660	55	310	45	20	April	7	07	86	38	April	7	07	00
Spurn Head ..	22	103	50	123	969	4,280	3,099	168	141	340	57	25	April	7	13	91	41	April	7	11	50
Cranwell	5	18	4	75	452	3,273	3,997	1,020	0	(310)	52	23	April	7	11	81	36	April	7	10	40
3. Gorleston	6	24	12	49	247	2,456	4,934	1,081	18	190	46	21	Jan.	31	13	74	33	April	7	14	05
Mildenhall ..	2	9	5	58	341	2,647	4,730	985	48	310	43	19	April	7	13	74	33	April	27	17	25
Cardington ..	4	15	22	83	617	3,039	4,014	889	186	280	53	24	April	7	13	78	35	April	7	12	50
Shoeburyness ..	7	48	21	69	380	3,130	4,243	895	64	190	57	26	Jan.	31	14	78	35	April	7	12	45
4. Birmingham ..	1	5	0·7	36	183	3,190	4,769	613	0	320	43	19	April	7	14	77	34	April	7	10	55
5. Kew	—	0	0·1	16	49	1,952	4,787	1,972	0	210	34	15	Jan.	31	15	71	32	Jan.	31	14	00
Lympne	6	19	14	49	298	2,462	4,784	1,076	121	230	45	20	Feb.	1	04	75	33	Jan.	31	15	20
													May	8	14			April	7	13	30
Manston	4	8	—	33	169	2,256	4,790	1,498	39	220	43	19	Feb.	1	05	70	31	Feb.	1	04	45
Thorney Island ..	1	1	13	37	212	2,178	4,049	2,311	9	200	39	17	Jan.	31	15	70	31	Feb.	1	02	50
Boscombe Down ..	3	10	5	51	237	2,211	4,114	2,182	6	190	49	22	Jan.	31	13	74	33	Jan.	31	12	30
Larkhill	4	12	9	41	216	2,259	4,490	1,742	41	190	47	21	Jan.	31	14	78	35	Jan.	31	13	15
7*a*. Southport ..	11	64	93	88	759	3,159	3,716	1,032	30	250	50	22	April	26	02	69	31	April	26	01	20
Liverpool	6	32	44	58	485	3,330	4,096	790	27	280	48	21	March	30	21	86	38	Feb.	15	14	15
										250			April	17	06						
Manchester Ringway	9	25	—	107	601	3,475	3,763	896	0	300	56	25	April	7	11	91	41	April	7	10	30
7*b*. Sealand*	(5)	(16)	8	(43)	(233)	(1,265)	(3,730)	(3,514)	(2)	(270)	(51)	(23)	(April	26	13)						
8*a*. St. Ann's Head ..	36	191	198	159	1,504	3,214	3,001	844	6	190			Jan.	31	06						
										200	50	22	Feb.	8	22	77	34	Oct.	19	13	30
										290			April	26	01						
8*b*. Plymouth	15	62	47	83	472	2,483	4,057	1,648	38	—	60	27	Jan.	31	08	84	38	Oct.	19	13	15
Pendennis Castle ..	28	149	—	133	1,048	2,592	3,359	1,567	45	240	60	27	Jan.	31	08	78	35	Jan.	31	08	10
— Aldergrove ..	—	0	0·7	27	112	1,983	4,527	2,138	0	310	33	15	April	7	10	75	33	April	24	22	45
										150			Sept.	4	22						

* Sealand values obtained from swinging plate from Jan.—May whilst the anemometer was under repair.

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TABLE XIV [FIRST Published 1908].—DATES on which GUSTS of 55 mi/hr. (24·5 m/s.) or more occurred.

For an anemometer at 33 ft. above ground in the open the limit corresponds with that of Force 10 (Whole Gale) on the Beaufort Scale. Upon a plate exposed normally to it, a wind of 55 mi/hr. exerts pressure on the front and suction on the back, of which the resultant is about 4·4 mb. (9lb. weight per square foot).

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 the *Monthly Weather Report*.

0.	Lerwick	Jan. 9, 10, 11, 12, 13, 17, 18, 24, 26, 30. Feb. 5, 6, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 23, 25, 26, 27, 28. Mar. 1, 2, 5, 8, 9, 10, 11, 12, 13, 14, 15, 29, 30, 31. April 1, 2, 4, 5, 6, 7, 14, 15, 16, 17, 18, 19, 25. May 8, 9, 10, 11, 14, 15, 28. Sept. 16, 19, 20, 22, 23, 24, 29, 30. Oct. 1, 6, 18. Nov. 10, 12, 13, 14, 15. Dec. 19, 20, 25, 26, 27, 28, 29, 30.
	Kirkwall	Jan. 9, 10, 11, 12, 18, 26. Feb. 11, 12, 13, 14, 15, 17, 18, 19, 25, 26, 27, 28. Mar. 1, 2, 10, 11, 15, 30, 31. April 5, 7, 14, 15, 17, 18, 19, 25, 26. May 9, 11, 28. Sept. 4, 5, 16, 20, 22, 24. Oct. 6, 17. Nov. 11, 12, 13, 14, 15, 22. Dec. 18, 19, 23, 26, 27, 29, 30.
	Stornoway	Jan. 9, 10, 11, 17, 24, 25, 26, 29, 30. Feb. 1, 4, 8, 11, 12, 13, 14, 15, 18, 19, 24, 25, 28. Mar. 1, 7, 8, 10, 11, 12, 13, 14, 15, 16, 29, 30, 31. April 1, 5, 6, 7, 13, 14, 18, 25, 26. May 8, 10, 11, 12, 13, 14, 27. July 26. Aug. 8. Sept. 5, 15, 20, 24, 27, 30. Oct. 4, 6, 8, 11, 12, 14, 17, 25, 26, 28. Nov. 4, 5, 9, 10, 12, 13, 14, 24, 29. Dec. 16, 17, 18, 19, 25, 26, 27, 29.
1.	Aberdeen	Jan. 11. Feb. 6, 12, 15. April 5, 7. May 8, 9. Nov. 10, 14.
	Bell Rock	Jan. 9, 10, 11, 12, 25, 26, 29, 31. Feb. 6, 8, 12, 13, 14, 15, 19, 25. Mar. 8, 10, 30, 31. April 5, 6, 7, 17, 25. May 8, 9, 23. Aug. 13. Sept. 27. Oct. 3, 4, 17, 19. Nov. 10, 14, 15, 30. Dec. 18, 19, 20, 25, 27.
	Edinburgh	Jan. 24, 25, 26. Feb. 5, 6, 8, 12, 13, 14. Mar. 10, 30. April 7, 24, 25. May 9, 13. Oct. 1, 3, 5, 12. Nov. 10, 23.
6a.	Tiree	Jan. 9, 11, 17, 25, 29. Feb. 5, 6, 12, 13, 14, 15, 16, 25. Mar. 8, 10, 15, 29, 30, 31. April 5, 6, 7, 24, 25, 26. May 8. Sept. 4, 28. Nov. 13, 14, 23, 24, 29, 30. Dec. 17, 18, 19, 20, 22.
	Paisley	Jan. 24, 25. Feb. 5, 6, 8, 12, 15, 25. Mar. 10, 29, 30. April 1, 6, 7, 17, 25, 26. May 8, 23. Nov. 10. Dec. 19, 29.
	Abbotsinch	Jan. 25. Feb. 5, 6, 8, 12, 13, 15, 25. Mar. 8, 10, 30, 31. April 1, 5, 6, 7, 25, 26. May 8. Oct. 5. Dec. 19.
	Eskdalemuir	Jan. 31. Feb. 5, 6, 8, 11, 12, 13, 14, 15. Mar. 10, 29, 30. Apr. 1, 5, 6, 7, 8, 25, 26. May 9, 12. Aug. 20. Oct. 1, 3, 5. Nov. 10, 11, 12, 14, 23.
6b.	Point of Ayre	Jan. 2, 9, 11, 12, 29, 31. Feb. 5, 8, 12, 13, 15, 16. Mar. 30. April 5, 6, 7, 24, 25, 26. May 8, 9, 12. Sept. 28. Oct. 5, 19, 20. Nov. 6, 12, 24, 25, 29, 30. Dec. 18, 22.
2.	South Shields	Jan. 31. Feb. 6, 12, 15. Mar. 30. April 7, 25, 26. Nov. 14.
	Durham	Jan. 26, 31. Feb. 5, 6, 12, 13, 14, 15. Mar. 31. April 5, 7, 25, 26. May 9, 12. Nov. 10, 14, 24.
	Catterick	Jan. 31. Feb. 5, 6, 12, 15. Anemometer dismantled 9.3.43.
	Spurn Head	Jan. 1, 2, 9, 30, 31. Feb. 6, 8, 9, 12, 13, 15. Mar. 30. Apr. 6, 7, 25, 26. May 9, 10. Sept. 28. Nov. 14. Dec. 18.
	Cranwell	Jan. 31. Feb. 6, 12, 15. Mar. 30. April 1, 5, 6, 7, 26. May 9, 10.
3.	Gorleston	Jan. 2, 30, 31. Feb. 9. Mar. 31. April 7. May 8, 10. June 2. Dec. 18.
	Mildenhall	Jan. 1, 30, 31. Feb. 1, 5, 6, 9, 15. Mar. 30. April 1, 6, 7, 26, 27. May 8, 9, 10.
	Cardington	Jan. 30, 31. Feb. 6, 9, 12, 15. April 7, 26. May 8, 9, 10. Dec. 18.
	Dunstable	Jan. 1, 12, 31. Feb. 1, 9, 15. April 1, 7. Dec. 18.
	Shoeburyness	Jan. 2, 31. Feb. 1, 15. April 7, 26. May 8, 10. Oct. 19.
4.	Leicester	Jan. 31. April 7.
	Birmingham	Jan. 1, 30, 31. Feb. 9. April 7. May 8, 9, 10.
5.	Kingsway	May 10. June 2.
	Southgate	Jan. 31.
	Kew	Jan. 1, 30, 31. Feb. 1. April 7. July 31.
	Lympne	Jan. 1, 2, 30, 31. Feb. 1, 9. April 7, 25. May 8, 10. Nov. 23. Dec. 18, 19.†
	Manston	Jan. 30, 31. Feb. 1. April 7. May 8, 10. Dec. 19.
	Thorney Island	Jan. 1, 30, 31. Feb. 1. Apr. 7, 25. May 8, 9, 10. Oct. 19.
	Boscombe Down	Jan. 1, 30, 31. Feb. 1. 9, 15. April 7. May 10. Oct. 19.
	Larkhill	Jan. 30, 31. Feb. 1, 9. April 7. May 10. Dec. 21.
7a.	Fleetwood	Jan. 9, 30, 31. Feb. 5, 6, 12, 13, 14, 15, 16. Mar. 30, 31. April 5, 6, 7, 25, 26. May 9. July 13. Nov.†
	Southport	Jan. 1. Feb. 6, 12, 15, 16. Mar. 30. April 5, 6, 7, 25, 26. May 9. Nov. 10, 24.
7b.	Liverpool	Jan. 1, 9, 31. Feb. 5, 6, 12, 13, 15, 16. Mar. 30, 31. April 1, 5, 6, 7, 25, 26. May 9. July 13. Aug. 30. Sept. 28. Oct. 5. Nov. 6, 12, 13, 14, 15, 24, 29, 30. Dec. 22.
	Manchester Ringway	Jan. 1, 2, 30, 31. Feb. 6, 9, 12, 15. Mar. 30, 31. April 5, 6, 7, 25, 26, 27. May 9, 10. July 13. Oct. 19, 20. Nov. 12, 24, 29, 30.
	Holyhead	Jan. 1, 21, 31. Feb. 5, 6, 8, 9, 15, 16, 25. April 5, 7, 24, 25, 26. May 8, 9. Aug. 20. Sept. 5, 27, 28. Oct. 20. Nov. 6, 13, 14, 24, 29, 30. Dec. 18, 21, 22.
	Sealand	Jan.* Feb.* Mar.* April.* May.* Nov. 6, 12, 13, 29, 30.
8.	St. Ann's Head	Jan. 1, 9, 10, 11, 13, 20, 28, 29, 30, 31. Feb. 1, 5, 6, 8, 12, 15, 16. Mar. 30. April 1, 7, 24, 25, 26. May 7, 8, 9, 10. Aug. 1, 20, 30. Oct. 19, 20. Nov. 13, 14, 23, 24, 25, 28, 29, 30. Dec. 2, 18, 21, 22.
	Plymouth	Jan. 1, 10, 11, 12, 30, 31. Feb. 1, 8, 9, 16. April 7. May 7, 8, 10. Aug. 1., Oct. 19. Nov. 13. Dec. 21.
	Lizard	
	Pendennis Castle	Jan. 1, 10, 11, 25, 28, 30, 31. Feb. 1, 8, 9. April 7. May 7, 8, 10. Oct. 19. Dec. 21.
—	Aldergrove	Jan. 11. Feb. 5, 12, 15. March 30. April 5, 7, 24, 25. Sept. 4, 5. Oct. 19. Dec. 18, 22.
—	Scilly	Jan. 1, 10, 11, 12, 13, 30, 31.Feb. 1, 6, 8, 9, 15, 16. May 7, 8, 9, 10. June 2. Aug. 1, 5. Anemometer out of order to Dec. Dec. 18, 21.

* Defective Record. † Part of month defective.

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TABLE XV [1912].—MAXIMUM SPEED in a Gust recorded by Dines Pressure Tube Anemometers during each Month of 1943, and the HIGHEST SPEED in a Gust on record for each station. Unit, metre per second.†

District and Station and date of first appearance in this Table.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	G (Mean of Monthly Maxima).		Highest Gust on Record. Speed.		Date.
	m/s.	m/s.	m/s.	m/s.	m/s.	m/s.	m/s.	m/s.	m/s.	m/s.	m/s.	m/s.	m/s.	m.p.h.	m/s.	m.p.h.	
0. Lerwick .. 1923	31	42	35	38	31	24	22	23	30	28	35	35	31	70	43	95	Jan. 14 1925
Kirkwall .. 1930	29	36	34	29	29	24	21	23	26	29	33	33	29	64	45	100	Jan. 23 1938
Stornoway .. 1937	32	37	32	35	26	22	25	—	29	30	29	35	—	—	44	98	Nov. 18 1938
1. Aberdeen .. 1912	27	37	23	33	26	17	22	23	24	23	27	23	25	57	37	83	Feb. 15 1943
Bell Rock .. 1930	32	37	37	39	38	21	23	25	26	27	35	31	31	69	45	101	Oct. 19 1935
Edinburgh .. 1915	28	33	27	31	26	21	22	22	23	29	28	24	26	59	38	85	Jan. 28 1927 Dec. 16 1936
6a. Tiree .. 1927	29	33	30	31	27	19	17	18	25	24	29	34	26	59	48	108	Jan. 28 1927
Paisley .. 1914	27	33	32	32	26	24	21	21	22	23	29	26	26	59	47	104	Jan. 28 1927
Abbotsinch .. 1934	25	33	32	31	25	21	24	20	21	25	24	26	26	57	41	92	Oct. 19 1935
Eskdalemuir 1912	25	32	30	41	29	23	24	27	23	27	29	22	28	62	41	91	Apr. 7 1943
6b. Point of Ayre 1936	29	33	27	35	29	22	24	24	28	25	30	29	28	62	40	90	Dec. 6 1936
2. South Shields 1912	25	25	29	39	24	17	21	20	24	22	33	20	25	56	39	88	Apr. 7 1943
Durham .. 1938	29	31	26	38	26	21	22	22	23	22	31	21	26	58	38	86	Apr. 7 1943
Catterick .. 1932	25	31	Anem	ometer	dism	antled	9/3/43										
Spurn Head .. 1913	30	29	29	41	29	18	24	20	27	24	25	25	27	61	41	91	Apr. 7 1943
Cranwell .. 1921	30	26	26	36	29	19	23	21	22	22	24	21	25	56	36	81	Apr. 7 1943
3. Gorleston .. 1912	30	27	25	33	26	30	22	19	21	23	19	29	25	57	35	77	Nov. 6 1921
Mildenhall .. 1936	33	26	25	33	27	22	22	20	22	23	22	22	25	55	41	91	Nov. 23 1938
Cardington .. 1932	32	28	24	35	30	21	22	23	19	20	20	27	25	56	39	88	Sept. 17 1935
Dunstable .. 1943	31	27	24	34	23	18	20	24	19	17	*	25	—	—	—	—	— — —
Shoeburyness 1912	34	32	20	35	30	20	14	16	17	28	22	24	24	54	37	83	Jan. 12 1930
4. Leicester .. 1938	28	—	18	—	24	17	—	18	21	17	19	20	—	—	35	78	Nov. 23 1938
Birmingham 1924	27	28	24	34	27	20	21	21	21	22	23	22	24	54	38	84	Nov. 23 1938
5 Kingsway .. 1943	—	—	—	—	27	26	19	21	20	21	20	21	—	—	27	60	May 10 1943
Southgate .. 1941	25	22	20	21	18	15	11		Record	s Un	reliable		—	—	25	57	Jan. 15 1939 Jan. 31 1943
Kew 1912	32	27	24	28	24	22	28	19	19	21	21	20	24	53	33	73	Nov. 23 1938
Lympne .. 1923	33	33	21	33	32	23	21	21	23	23	26	32	27	60	37	82	Nov. 9 1936 Nov. 23 1938
Manston .. 1938	30	31	18	29	28	19	18	19	21	19	21	30	24	53	31	70	Feb. 1 1943
Thorney Island 1942	31	31	20	28	30	21	19	21	20	28	23	21	25	55	31	70	Feb. 1 1943
Boscombe Down 1933	33	29	23	29	27	23	20	21	20	27	24	24	25	56	33	74	Jan. 31 1943
Larkhill .. 1921	35	30	20	28	28	23	19	20	19	22	24	25	24	55	36	80	Sept. 17 1935
7a. Fleetwood .. 1924	—	32	25	34	31	—	25	21	22	21	—	—	—	—	40	89	Dec. 6 1936
Southport .. 1912	25	30	25	31	30	20	24	22	22	23	26	22	25	56	43	96	Oct. 29 1927
7b. Liverpool .. 1929	27	38	36	36	31	22	28	25	29	25	29	27	29	66	45	101	Jan. 29 1938
Manchester Ringway .. 1942	26	28	27	41	30	21	25	22	21	27	30	24	27	60	41	91	Apr. 7 1943
Holyhead .. 1912	29	—	—	—	34	21	23	25	32	26	29	31	—	—	48	107	Feb. 28 1937
Sealand .. 1925	—	—	—	—	—	22	21	19	24	22	26	23	—	—	39	88	Nov. 25 1928
8. St. Ann's Head 1941	34	34	25	32	33	22	22	25	24	34	33	30	29	65	48	108	Nov. 23 1938
Plymouth .. 1912	35	33	22	29	29	20	21	25	21	38	26	30	27	61	43	96	Mar. 8 1928
Lizard .. 1935				Anemo	meter	under	repair										
Pendennis Castle 1942	35	33	23	27	31	23	20	24	18	27	21	26	26	57	46	103	Mar. 8 1922
— Aldergrove .. 1927	25	29	25	33	24	17	20	18	25	27	23	26	24	54	38	84	Nov. 23 1928
— Scilly .. 1912	33	30	20	24	38	26	21	25		Anem	ometer	out of	order		49	111	Dec. 6 1929

† For the equivalent speeds in miles per hour reference should be made to the monthly issues. *Record incomplete.

TABLE XVII [1934].—WEEKLY VALUES OF MEAN VELOCITIES of Wind Components. Means of Values for the hours ending at 3h., 9h., 15h. and 21h.

1943 Week ending	GORLESTON				HOLYHEAD.				SCILLY.			
	S.	N.	W.	E.	S.	N.	W.	E.	S.	N.	W.	E.
	m/s.	m/s.	m/s.	m/s.	m/s.	m/s.	m/s.	m/s.	m/s.	m/s.	m/s.	m/s.
January 2nd ..	3·8	5·8	3·0	0·0	4·5	10·0	7·4	2·3	—	—	—	—
,, 9th ..	6·7	3·3	2·2	6·7	3·4	6·2	3·8	3·1	5·0	5·7	5·1	3·9
,, 16th ..	5·8	3·7	2·3	5·1	6·1	3·5	7·1	5·3	7·2	8·1	7·9	5·3
,, 23rd ..	3·9	3·3	1·7	1·0	5·5	3·8	6·1	3·5	6·1	3·3	3·8	3·6
,, 30th ..	6·0	1·8	2·4	1·8	7·8	0·0	6·2	1·8	7·3	0·0	5·9	0·0
February 6th ..	6·0	1·2	3·7	2·2	5·7	2·9	8·1	0·0	6·8	4·2	10·0	2·2
,, 13th ..	5·5	3·2	4·1	0·0	6·2	5·8	9·1	3·8	6·4	6·9	9·1	1·2
,, 20th ..	1·5	3·9	3·8	1·3	3·7	8·6	8·7	0·0	2·2	5·7	6·4	1·4
,, 27th ..	1·3	2·0	1·7	0·0	3·3	2·9	5·0	0·0	1·7	3·3	2·0	2·9
March 6th ..	2·4	2·8	2·1	6·2	2·2	3·0	5·1	10·0	0·0	3·8	0·0	3·4
,, 13th ..	2·3	1·7	1·7	2·4	6·1	3·2	6·5	0·0	0·5	3·5	2·5	2·9
,, 20th ..	1·2	2·8	1·3	2·1	4·9	1·3	2·6	5·3	2·5	3·1	2·9	3·7
,, 27th ..	2·2	1·3	1·6	2·1	1·7	3·5	4·1	7·2	1·6	3·3	2·9	9·2
April 3rd ..	4·0	4·0	3·1	1·3	4·0	2·4	7·6	0·0	4·4	3·5	8·2	2·0
,, 10th ..	3·1	6·3	3·1	1·5	5·5	6·3	7·6	0·0	1·1	4·9	4·3	2·9
,, 17th ..	2·7	1·8	2·6	2·2	6·0	3·3	3·9	0·0	4·1	2·2	3·9	2·3
,, 24th ..	5·4	2·6	3·7	3·0	5·7	2·1	5·3	3·4	4·5	3·4	4·8	4·1
May 1st ..	4·0	3·5	5·2	2·0	7·5	5·5	7·8	2·2	4·1	5·0	6·5	0·0
,, 8th ..	11·2	5·4	3·6	3·1	5·2	7·2	5·1	4·0	6·9	9·2	11·7	2·3
,, 15th ..	6·3	5·5	4·0	0·0	5·8	7·1	4·6	1·6	8·0	7·7	5·3	1·8
,, 22nd ..	1·8	2·0	0·7	2·7	3·6	1·7	1·8	1·8	2·3	2·5	4·3	5·3
,, 29th ..	2·4	2·4	2·9	3·2	5·7	3·1	3·2	2·2	3·4	3·5	5·7	4·4
June 5th ..	4·5	2·2	3·0	4·5	5·2	3·5	5·5	1·6	4·4	5·5	7·9	0·0
,, 12th ..	2·7	0·9	2·0	1·1	5·7	0·0	2·9	1·8	2·9	2·1	4·2	1·5
,, 19th ..	2·0	2·2	3·1	0·9	5·1	2·1	5·1	0·0	4·5	3·4	7·5	2·2
,, 26th ..	3·6	2·9	2·5	1·9	6·7	3·7	4·1	0·0	4·2	4·0	4·1	1·9

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TABLE XVI [1912].—MAXIMUM VALUE of the MEAN SPEED for an Hour measured as in Table XIIB during each Month of 1943. Unit, metre per second.†

District, Station and Type of Anemograph	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	H (Mean of Monthly Maxima).		Gust Ratio G./H. (For G, *see* Table XV).
	m/s.	m/s.	m/s.	m/s.	m/s.	m/s.	m/s.	m/s.	m/s.	m/s.	m/s.	m/s.	m/s.	m.p.h.	
0. Lerwick .. .. D	22	27	21	26	21	16	15	14	22	20	23	22	21	46	1·5
Kirkwall .. .. D	19	20	19	17	15	13	13	13	16	17	20	20	17	38	1·7
Stornoway .. D	22	25	23	23	18	15	17	—	20	21	20	25	—	—	—
1. Aberdeen .. D	12	18	11	19	15	8	11	12	10	11	12	10	12	28	2·0
Bell Rock .. D	25	28	20	27	28	15	16	17	20	21	26	22	22	49	1·4
Edinburgh .. D	19	17	17	19	16	14	12	12	13	19	16	16	16	35	1·7
6*a*. Tiree .. .. D	19	21	21	20	20	13	12	13	18	16	20	22	18	40	1·5
Paisley .. .. D	15	16	17	16	13	9	10	11	11	13	12	12	13	29	2·0
Abbotsinch .. D	15	19	18	16	13	12	12	10	13	13	14	11	14	31	1·9
Eskdalemuir .. D	17	19	18	25	18	15	15	16	13	17	16	14	17	38	1·6
6*b*. Point of Ayre .. D	20	20	18	25	21	14	15	14	19	17	21	20	19	42	1·5
2. South Shields .. D	17	15	16	24	16	10	12	13	17	13	21	13	16	35	1·6
Durham .. D	16	17	13	20	16	11	12	11	11	11	16	11	14	31	1·9
Catterick .. D	13	14	Anem	ometer	dism	antled	9/3/43								
Spurn Head .. D	21	20	19	25	21	13	16	—	19	17	19	18	—	—	—
Cranwell .. D	19	16	17	23	17	11	13	12	13	15	14	13	15	34	1·6
3. Gorleston .. D	21	19	12	19	20	13	10	12	13	16	12	18	15	34	1·6
Mildenhall .. D	17	16	15	19	17	12	13	13	12	13	13	13	14	32	1·7
Cardington .. D	22	—	—	24	21	14	14	15	14	15	14	17	—	—	—
Dunstable .. D	16	15	13	19	15	9	11	12	11	11	*	13	—	—	—
Shoeburyness .. D	26	21	15	21	21	12	10	10	14	21	17	17	—	—	—
4. Leicester .. D	13	—	9	—	13	8	—	9	11	10	11	10	—	—	—
Birmingham .. D	15	14	13	19	16	11	12	12	12	12	14	12	13	30	1·8
Kingsway .. D	—	—	—	—	11	11	9	9	7	8	9	9	—	—	—
Southgate .. d	11	9	8	7	8	6	5	Record	s unre	liable	—	—	—	—	—
5. Kew .. .. D	15	13	11	15	13	11	9	10	9	11	10	11	11	26	2·1
Lympne .. D	19	20	12	17	20	14	11	11	14	13	15	18	15	34	1·8
Manston .. D	20	19	10	15	17	12	9	11	16	13	16	17	15	33	1·6
Thorney Island .. D	17	17	11	16	17	12	10	10	11	15	13	13	13	30	1·8
Boscombe Down D	22	19	13	17	17	13	10	13	12	18	13	14	15	34	1·7
Larkhill .. .. D	21	18	14	17	19	14	11	13	13	13	12	12	15	33	1·7
7*a*. Fleetwood .. D	—	21	18	25	24	—	17	16	18	12	—	—	—	—	—
Southport .. D	17	19	18	22	21	14	18	16	16	17	19	16	18	40	1·4
7*b*. Liverpool .. D	16	18	21	21	18	12	17	14	14	13	16	16	16	37	1·8
Manchester Ringway .. D	18	18	18	25	19	10	16	14	14	17	16	15	17	37	1·6
Holyhead .. D	18	—	—	—	22	14	17	16	19	14	20	22	—	—	—
Sealand .. .. D	(16)	(19)	(16)	(23)	(19)	13	12	12	16	11	18	15	16	35	—
8. St. Ann's Head§ D	22	22	20	22	22	14	16	18	18	20	21	21	20	44	1·5
Plymouth§ .. d	27	24	13	18	22	15	13	18	13	22	14	22	18	41	1·5
Lizard .. .. D															
Pendennis Castle§ D	27	26	18	20	25	18	15	19	15	21	16	22	20	45	1·3
—Aldergrove .. D	14	14	13	15	11	9	10	10	15	12	13	14	13	28	2·9
—Scilly .. .. D	21	20	15	16	27	17	13	19	Anem	ometer order	out of	18	—	—	—

Note.—The highest mean speed recorded at M.O. Stations in the British Isles is 87 mi/hr., 35 m/s. This was recorded at Fleetwood on 22nd December, 1894. † For the equivalent speeds in miles per hour reference should be made to the monthly issues. D Dines Pressure Tube Anemometer and direction recorder. d Dines Pressure Tube Anemometer without direction recorder. § See "Notes" column of Table X in 1939 Edition. *Record incomplete.

TABLE XVII [1934] (*continued*).—WEEKLY VALUES of MEAN VELOCITIES of Wind Components. Means of Values for the hours ending at 3h., 9h., 15h. and 21h.

1943 Week ending	GORLESTON				HOLYHEAD.				SCILLY.			
	S.	N.	W.	E.	S.	N.	W.	E.	S.	N.	W.	E.
	m/s.	m/s.	m/s.	m/s.	m/s.	m/s.	m/s.	m/s.	m/s.	m/s.	m/s.	m/s.
July 3rd ..	0·0	5·4	1·1	1·0	0·0	2·5	1·6	2·9	1·0	2·7	1·5	3·4
„ 10th ..	3·1	2·2	2·9	2·8	3·3	3·7	5·2	0·0	5·5	3·0	5·9	0·0
„ 17th ..	2·7	2·1	4·3	2·4	5·3	1·0	4·9	3·5	5·5	3·1	7·2	4·9
„ 24th ..	1·8	4·3	0·7	2·7	3·5	4·2	1·2	5·1	2·6	4·5	0·9	2·8
„ 31st ..	2·5	1·0	1·1	2·5	5·4	2·7	2·0	1·7	4·1	2·0	1·9	3·6
August 7th ..	4·5	2·2	2·7	1·6	5·1	4·1	4·0	3·3	5·1	3·4	7·7	0·7
„ 14th ..	1·8	2·7	3·3	2·2	4·8	2·7	5·5	0·0	3·1	4·1	7·8	0·0
„ 21st ..	3·8	1·3	2·5	3·1	6·2	1·5	3·6	2·2	3·9	1·9	4·6	5·1
„ 28th ..	2·9	1·8	2·2	1·8	5·0	2·7	5·5	3·3	3·4	2·5	7·8	2·3
September 4th ..	2·9	1·9	2·8	2·2	5·9	1·1	5·1	3·7	4·1	1·6	7·2	0·0
„ 11th ..	2·9	1·0	2·3	4·0	6·6	2·8	4·1	6·3	—	—	—	—
„ 18th ..	2·8	1·8	2·9	2·0	5·6	4·9	4·3	9·2	—	—	—	—
„ 25th ..	1·8	2·2	2·2	0·0	3·2	5·9	5·9	0·0	—	—	—	—
October 2nd ..	2·0	2·9	2·5	0·0	5·6	7·7	4·7	0·0	—	—	—	—
„ 9th ..	2·7	2·5	5·4	2·1	7·1	4·0	5·0	1·9	—	—	—	—
„ 16th ..	2·2	1·5	1·0	2·2	5·0	5·4	2·5	2·3	—	—	—	—
„ 23rd ..	6·5	0·0	2·4	3·1	7·0	1·5	2·9	4·9	—	—	—	—
„ 30th ..	2·5	0·9	1·2	2·9	—	—	—	—	—	—	—	—
November 6th ..	3·2	3·1	1·7	3·1	5·0	5·4	7·3	3·2	—	—	—	—
„ 13th ..	1·5	3·0	2·9	0·0	5·9	5·9	8·5	1·8	—	—	—	—
„ 20th ..	0·0	3·8	1·3	2·5	3·5	9·1	5·3	2·1	—	—	—	—
„ 27th ..	2·4	1·8	3·5	0·0	5·2	4·5	7·7	1·7	—	—	—	—
December 4th ..	3·8	3·6	3·6	6·4	5·6	4·1	9·5	4·4	—	—	—	—
„ 11th ..	0·9	1·8	0·9	4·0	1·5	1·5	5·4	5·2	2·4	4·1	2·2	6·3
„ 18th ..	5·0	2·9	0·9	4·3	4·3	1·6	4·7	3·7	4·7	3·7	8·9	5·8
„ 25th ..	3·7	1·3	3·9	0·0	4·1	3·6	8·4	0·0	7·4	5·2	8·4	3·3

SECRET

TABLE XVIII, FORMERLY XVII, [1917].—"WIND ROSE" DATA for TELEGRAPHIC STATIONS.—Frequency of winds of various strengths from different directions at 7h.

The following Tables incorporate the material used for drawing the "Wind-roses" shown on the Monthly Weather Report charts of mean pressure.

The tables show only eight possible directions for the wind. Observations at intermediate points are "thrown" alternatively forward and backward. The categories Light Winds, Strong Winds and Gales are equivalent to the Beaufort Forces 1 to 3, 4 to 7, 8 to 12, respectively.

The instructions to observers for estimating wind-force on the Beaufort Scale are published in the *Meteorological Observer's Handbook* where the conventional equivalents of the scale in terms of wind-speed at 10 metres above ground will also be found.

Wind-roses have been published in the Monthly Weather Report since 1884, but the present form, which indicates the strength as well as the direction of the winds, was not adopted until 1905.

SUMBURGH LINKS.

Months.	N.			NE.			E.			SE.			S.			SW.			W.			NW.			All Directions.			Calms
	Light.	Strong.	Gale.	Light.	Strong.	Gale.	Light.	Strong.	Gale.	Light.	Strong.	Gale.	Light.	Strong.	Gale.	Light.	Strong.	Gale.	Light.	Strong.	Gale.	Light.	Strong.	Gale.	Light.	Strong.	Gale.	
January	0	2	0	3	0	0	2	1	0	0	4	0	1	7	0	2	3	1	1	2	0	1	0	0	10	19	1	1
February	0	3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	4	0	0	9	6	1	3	0	1	21	6	0
March	0	0	0	1	0	0	1	4	0	0	2	0	0	4	0	2	3	0	0	7	3	0	1	1	4	21	4	2
April	1	1	0	1	1	0	1	0	0	0	1	0	0	2	0	1	5	0	1	8	2	2	2	1	7	20	3	0
May	1	0	1	0	3	0	1	2	0	1	1	0	3	2	0	3	4	0	1	3	2	1	2	0	11	17	3	0
June	3	1	0	1	1	0	1	1	0	1	2	0	4	2	0	2	1	0	2	3	0	4	1	0	18	12	0	0
July	3	2	0	5	2	0	0	0	0	1	2	0	0	2	0	6	0	0	2	2	0	2	2	0	19	12	0	0
August	2	2	0	1	2	0	5	2	0	1	1	0	1	1	0	1	1	0	2	3	0	1	4	0	14	16	0	1
September ..	1	1	0	0	0	0	3	1	0	4	3	0	0	0	0	2	5	0	1	5	0	0	2	0	11	17	0	2
October	0	0	0	0	0	0	0	0	0	3	6	0	3	9	0	1	3	0	0	2	0	1	1	0	8	21	0	2
November ..	2	5	1	2	2	0	0	0	0	0	2	0	0	3	0	1	2	0	1	5	0	0	4	0	6	23	1	0
December ..	0	0	0	1	0	0	2	0	0	0	2	0	0	7	0	1	7	1	0	3	2	1	3	0	5	22	3	1
Year	13	17	2	15	11	0	16	11	0	11	26	0	12	41	0	22	38	2	11	52	15	14	25	2	114	221	21	9

STORNOWAY.

January	1	1	0	0	0	0	2	2	0	0	6	0	2	4	1	2	3	0	2	1	0	0	0	0	9	17	1	4
February	1	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	5	2	2	8	0	1	1	1	6	15	5	2
March	0	0	0	1	0	0	1	6	0	1	1	0	0	3	2	2	6	0	2	4	1	0	0	1	7	20	4	0
April	0	0	1	1	0	0	1	0	0	0	0	0	0	3	0	5	9	1	1	5	0	1	2	0	9	19	2	0
May	1	0	0	1	2	0	2	0	0	3	1	0	0	3	0	1	7	0	2	3	0	1	0	0	11	16	0	4
June	2	0	0	1	0	0	1	2	0	3	3	0	2	2	0	1	2	0	1	2	0	2	0	0	13	11	0	6
July	2	2	0	1	2	0	1	1	0	0	1	0	3	2	0	2	1	0	1	1	0	2	1	0	12	11	0	8
August	0	3	0	2	1	0	2	2	0	1	2	0	3	1	0	4	0	0	0	2	0	1	2	0	13	13	0	5
September ..	1	0	0	1	1	0	1	0	0	2	2	0	0	6	0	2	7	0	1	4	0	0	1	0	8	21	0	1
October	1	0	0	0	0	0	0	0	0	1	5	0	2	10	3	2	3	0	0	1	0	1	0	0	7	19	3	2
November ..	0	0	0	1	2	0	0	0	0	0	0	0	1	3	0	2	1	1	3	7	0	4	3	0	11	16	1	2
December ..	0	1	0	0	0	0	1	0	0	3	1	0	1	8	0	3	4	1	2	2	0	0	1	0	10	17	1	3
Year	9	7	1	9	8	0	12	13	0	14	22	0	14	46	8	28	48	5	17	40	1	13	11	2	116	195	17	37

ABERDEEN.

January	1	1	0	0	0	0	1	0	0	1	2	0	2	5	0	2	3	0	1	1	0	6	0	0	14	12	0	5
February	0	1	0	1	0	0	0	0	0	0	0	0	2	0	0	9	2	0	4	2	0	1	6	0	17	11	0	0
March	1	0	0	3	0	0	2	1	0	3	0	0	3	1	0	7	2	0	2	0	0	3	2	0	24	6	0	1
April	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	1	0	3	1	0	7	4	0	21	6	0	3
May	2	0	0	0	0	0	2	1	0	0	0	0	5	1	0	6	0	0	2	1	0	5	1	0	22	4	0	5
June	1	1	0	1	0	0	2	0	0	0	0	0	6	0	0	8	0	0	1	0	0	8	1	0	27	2	0	1
July	7	0	0	1	0	0	1	0	0	2	0	0	4	1	0	5	0	0	3	0	0	6	1	0	29	2	0	0
August	2	0	0	0	0	0	2	0	0	3	0	0	6	0	0	6	1	0	2	0	0	7	2	0	28	3	0	0
September ..	0	0	0	1	0	0	2	0	0	3	0	0	4	1	0	4	1	0	7	1	0	6	0	0	27	3	0	0
October	1	0	0	0	0	0	0	0	0	2	2	0	12	3	0	7	1	0	1	0	0	0	0	0	23	6	0	2
November ..	1	1	0	1	0	0	0	0	0	1	0	0	3	1	0	5	1	0	3	1	0	5	4	0	19	8	0	3
December ..	0	0	0	0	0	0	1	0	0	2	0	0	3	1	0	8	2	0	4	0	0	7	1	0	25	4	0	2
Year	16	4	0	8	0	.0	13	2	0	17	4	0	50	14	0	78	14	0	33	7	0	61	22	0	276	67	0	22

SECRET

TABLE XVIII (*continued*).—"WIND ROSE" DATA for TELEGRAPHIC STATIONS.—Frequency of Winds of various strengths from different directions at 7h.

ESKDALEMUIR.

Months.	N.			NE.			E.			SE.			S.			SW.			W.			NW.			All Directions.			Calms
	Light.	Strong.	Gale.	Light.	Strong.	Gale.	Light.	Strong.	Gale.	Light.	Strong.	Gale.	Light.	Strong.	Gale.	Light.	Strong.	Gale.	Light.	Strong.	Gale.	Light.	Strong.	Gale.	Light.	Strong.	Gale.	
January	2	0	0	0	0	0	1	1	0	1	3	0	5	2	0	2	3	0	0	0	0	1	1	0	12	10	0	9
February.. ..	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	5	6	0	1	5	0	0	2	0	11	13	0	4
March	2	1	0	4	2	0	2	0	0	0	0	0	5	1	0	2	3	0	1	3	0	2	0	0	18	10	0	3
April	0	0	0	1	0	0	1	0	0	0	0	0	5	1	0	3	4	0	2	5	0	2	2	1	14	12	1	3
May	2	0	0	1	1	0	0	0	0	0	0	0	2	1	0	6	2	0	3	0	0	2	1	0	16	5	0	10
June	1	0	0	2	0	0	0	0	0	2	0	0	6	1	0	5	3	0	2	1	0	0	0	0	18	5	0	7
July	3	1	0	6	0	0	0	0	0	0	0	0	2	0	0	5	4	0	1	0	0	2	0	0	19	5	0	7
August	3	1	0	1	0	0	1	1	0	2	0	0	4	1	0	3	3	0	2	1	0	1	0	0	17	7	0	7
September ..	1	1	0	1	0	0	1	0	0	1	0	0	5	1	0	2	2	0	2	1	0	1	1	0	14	6	0	10
October	1	0	0	0	0	0	0	2	0	2	1	0	7	6	0	0	3	0	0	1	0	1	0	0	11	13	0	7
November ..	4	1	0	1	0	0	1	0	0	3	0	0	1	1	0	2	2	0	1	0	0	2	5	0	15	9	0	6
December ..	1	0	0	2	1	0	1	0	0	1	0	0	5	2	0	3	2	0	0	1	0	3	0	0	16	6	0	9
Year.. ..	20	5	0	19	4	0	8	4	0	12	4	0	52	17	0	38	37	0	15	18	0	17	12	1	181	101	1	82

TYNEMOUTH.

January	1	0	0	0	0	0	0	0	0	0	3	0	1	7	1	2	3	0	7	1	0	3	2	0	14	16	1	0
February.. ..	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0	2	1	0	10	5	3	2	2	0	14	11	3	0
March	1	0	0	3	2	0	2	2	0	0	0	0	1	1	0	6	2	0	6	4	1	0	0	0	19	11	1	0
April	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	8	3	0	7	6	1	3	1	0	19	10	1	0
May	3	3	1	0	0	0	0	0	0	1	0	1	3	2	0	4	0	0	6	4	0	2	0	0	19	9	2	1
June	3	1	0	0	0	0	2	0	0	0	0	0	2	1	0	8	1	0	6	3	0	3	0	0	24	6	0	0
July	4	4	0	2	0	0	1	0	0	0	0	0	2	0	0	6	1	0	8	2	0	1	0	0	24	7	0	0
August	0	2	0	0	0	0	0	2	0	1	0	0	4	2	0	11	0	0	1	6	0	2	0	0	19	12	0	0
September ..	1	0	0	0	0	0	2	2	0	0	0	0	4	1	0	6	0	0	8	3	0	2	1	0	23	7	0	0
October	0	0	0	0	0	0	0	0	0	0	2	0	9	5	0	8	2	0	5	0	0	0	0	0	22	9	0	0
November ..	1	1	1	1	0	0	0	0	0	0	0	0	4	1	0	2	1	0	7	1	0	4	6	0	19	10	1	0
December ..	0	0	0	0	0	0	4	1	0	2	0	0	2	3	0	2	0	0	9	5	0	2	1	0	21	10	0	0
Year.. ..	14	12	2	6	2	0	11	7	0	4	5	1	33	25	1	65	14	0	80	40	5	24	13	0	237	118	9	1

YARMOUTH (GORLESTON)

January	1	2	0	0	1	0	0	1	0	0	4	0	3	5	0	4	2	0	2	0	0	1	2	0	11	17	0	3
February.. ..	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	9	3	1	5	2	0	5	1	0	20	7	1	0
March	3	0	0	3	0	0	2	1	0	1	1	0	3	0	0	5	0	0	2	0	0	8	0	0	27	2	0	2
April	1	1	0	0	0	0	0	0	0	0	2	0	1	1	0	6	2	0	7	3	0	4	2	0	19	11	0	0
May	5	2	0	1	2	0	1	0	0	0	2	0	1	0	0	2	3	1	4	1	0	4	2	0	18	12	1	0
June	3	4	0	0	0	0	1	0	0	1	0	0	2	0	0	4	2	0	9	1	0	2	0	0	22	7	0	1
July	3	1	0	1	3	0	1	1	0	0	1	0	1	0	0	1	2	0	6	1	0	8	1	0	21	10	0	0
August	1	0	0	2	0	0	0	0	0	2	0	0	0	4	0	8	2	0	10	0	0	1	1	0	24	7	0	0
September ..	2	1	0	0	0	0	3	0	0	0	1	0	1	1	0	5	2	0	7	0	0	5	1	0	23	6	0	1
October	3	0	0	1	0	0	3	0	0	2	1	0	1	3	0	4	1	0	4	1	0	3	0	0	21	6	0	4
November ..	0	2	0	0	3	0	2	0	0	0	0	0	3	0	0	2	1	0	6	1	0	8	2	0	21	9	0	0
December ..	2	0	0	3	3	0	0	4	0	1	0	0	1	1	0	1	3	0	5	0	0	7	0	0	20	11	0	0
Year.. ..	25	14	0	11	12	0	13	7	0	7	12	0	17	15	0	51	23	2	67	10	0	56	12	0	247	105	2	11

BIRMINGHAM (EDGBASTON)

January	2	0	0	1	0	0	1	0	0	5	2	0	7	2	0	4	1	0	3	0	0	3	0	0	26	5	0	0
February.. ..	1	1	0	1	0	0	0	0	0	0	0	0	3	0	0	11	2	0	4	2	0	2	1	0	22	6	0	0
March	2	0	0	4	1	0	3	1	0	0	0	0	1	1	0	5	1	0	2	1	0	5	1	0	22	6	0	3
April	1	0	0	0	0	0	0	0	0	3	0	0	3	0	0	8	2	0	5	2	0	2	3	0	22	7	0	1
May	3	1	0	3	1	0	3	0	0	4	0	0	0	3	0	2	1	0	3	0	0	2	2	0	20	8	0	3
June	1	0	0	1	1	0	1	0	0	1	0	0	3	1	0	10	2	0	3	1	0	3	1	0	23	6	0	1
July	1	0	0	4	1	0	3	2	0	1	0	0	3	0	0	4	4	0	1	2	0	2	1	0	19	10	0	2
August	1	0	0	0	0	0	2	0	0	2	0	0	6	1	0	5	2	0	6	4	0	0	1	0	22	8	0	1
September ..	0	0	0	1	0	0	3	0	0	2	0	0	4	0	0	8	0	0	5	0	0	3	1	0	26	1	0	3
October	1	0	0	0	0	0	0	0	0	9	0	0	9	0	0	7	0	0	0	0	0	2	0	0	28	0	0	3
November ..	1	0	0	0	0	0	1	0	0	4	0	0	1	0	0	3	1	0	3	3	0	8	4	0	21	8	0	1
December ..	2	0	0	6	0	0	5	0	0	1	0	0	2	1	0	4	0	0	6	1	0	2	1	0	28	3	0	0
Year.. ..	16	2	0	21	4	0	22	3	0	32	2	0	42	9	0	71	16	0	41	16	0	34	16	0	279	68	0	18

TABLE XVIII (*continued*).—"WIND ROSE" DATA for TELEGRAPHIC STATIONS.—Frequency of Winds of various strengths from different directions at 7h.

KEW OBSERVATORY.

Months.	N.			NE.			E.			SE.			S.			SW.			W.			NW.			All Directions.			Calms
	Light.	Strong.	Gale.	Light.	Strong.	Gale.	Light.	Strong.	Gale.	Light.	Strong.	Gale.	Light.	Strong.	Gale.	Light.	Strong.	Gale.	Light.	Strong.	Gale.	Light.	Strong.	Gale.	Light.	Strong.	Gale.	
January	2	0	0	2	1	0	3	0	0	4	1	0	3	3	0	5	1	0	1	0	0	3	0	0	23	6	0	2
February.. ..	1	1	0	0	0	0	0	0	0	0	0	0	3	0	0	8	4	0	4	2	0	2	0	0	18	7	0	3
March	4	0	0	4	1	0	3	1	0	0	0	0	1	0	0	5	0	0	6	1	0	3	0	0	26	3	0	2
April	1	0	0	1	0	0	1	0	0	1	0	0	2	0	0	9	2	0	3	2	0	3	1	0	21	5	0	4
May	3	1	0	3	2	0	2	0	0	0	0	0	2	1	0	5	1	0	3	0	0	3	1	0	21	6	0	4
June	3	0	0	3	0	0	1	0	0	0	0	0	0	0	0	9	0	0	8	0	0	2	0	0	26	0	0	4
July	4	0	0	6	0	0	2	1	0	0	0	0	2	0	0	6	2	0	2	1	0	3	0	0	25	4	0	2
August	0	0	0	0	0	0	0	0	0	1	0	0	6	0	0	10	2	0	7	1	0	2	0	0	26	3	0	2
September ..	3	0	0	1	0	0	5	0	0	0	0	0	3	1	0	8	0	0	4	0	0	1	0	0	25	1	0	4
October	2	0	0	2	0	0	4	0	0	1	0	0	6	0	0	8	1	0	2	0	0	0	0	0	25	1	0	5
November ..	4	1	0	0	0	0	3	0	0	1	0	0	1	0	0	7	0	0	5	0	0	4	2	0	25	3	0	2
December ..	2	0	0	6	2	0	2	0	0	2	0	0	1	0	0	4	1	0	2	1	0	4	0	0	23	4	0	4
Year.. ..	29	3	0	28	6	0	26	2	0	10	1	0	30	5	0	84	14	0	47	8	0	30	4	0	284	43	0	38

HOLYHEAD (VALLEY)

January	0	1	0	1	0	0	4	0	0	2	2	0	0	7	4	1	4	0	0	2	0	1	1	0	9	17	4	1
February.. ..	0	0	0	1	0	0	0	0	0	0	0	0	1	2	0	4	4	0	3	5	0	1	4	1	10	15	1	2
March	2	0	0	5	1	0	5	0	0	0	0	0	0	3	0	1	1	0	3	2	0	1	2	0	17	9	0	5
April	0	0	0	0	0	0	1	0	0	0	0	0	1	4	0	5	4	0	1	2	2	5	3	0	13	13	2	2
May	2	2	0	4	0	0	3	0	0	3	0	0	2	4	0	1	1	0	2	1	0	1	1	1	18	9	1	3
June	1	0	0	1	0	0	0	0	0	0	0	0	4	5	0	2	5	0	1	3	0	2	2	0	11	15	0	4
July	1	0	0	4	0	0	3	1	0	0	0	0	1	3	0	5	5	0	1	0	0	1	2	0	16	11	0	4
August	1	2	0	0	0	0	1	0	0	1	0	0	3	2	0	3	7	0	2	4	0	0	3	0	11	18	0	2
September ..	2	2	0	4	0	0	0	1	0	0	1	0	1	2	0	4	4	0	1	0	0	0	4	0	12	14	0	4
October	1	0	0	0	0	0	2	0	0	4	3	0	0	8	0	1	5	1	1	0	0	2	0	0	11	16	1	3
November ..	4	1	0	1	0	0	2	0	0	0	0	0	1	3	0	0	3	0	1	0	1	2	6	2	11	13	3	3
December ..	1	0	0	3	0	0	6	0	0	2	0	0	0	2	1	1	3	0	2	1	0	1	3	0	16	9	1	5
Year.. ..	15	8	0	24	1	0	27	2	0	12	6	0	14	45	5	28	46	1	18	20	3	17	31	4	155	159	13	38

SCILLY

January	0	2	0	0	0	0	0	0	0	1	3	0	3	5	0	0	5	1	0	4	0	2	4	1	6	23	2	0
February.. ..	1	4	0	1	0	0	1	0	0	0	0	0	1	0	0	1	2	0	2	5	0	1	6	0	8	17	0	3
March	3	1	0	3	3	0	2	6	0	1	1	0	1	0	0	1	0	0	2	2	0	2	2	0	15	15	0	1
April	1	2	0	1	0	0	2	1	0	2	0	0	0	1	0	2	2	0	2	2	0	3	7	0	13	15	0	2
May	0	5	0	2	3	0	0	3	0	0	0	0	1	3	0	3	3	0	3	1	1	1	2	0	10	20	1	0
June	1	0	0	4	0	0	2	0	0	1	0	0	1	1	0	1	6	0	1	5	0	2	5	0	13	17	0	0
July	4	0	0	2	2	0	2	0	0	2	0	0	1	0	0	2	4	0	0	3	0	2	3	0	15	12	0	4
August	1	1	0	0	0	0	0	1	0	0	1	0	0	1	0	1	5	0	4	7	0	5	4	0	11	20	0	0
September ..	1	4	0	1	1	0	0	1	0	2	1	0	0	1	0	3	3	0	0	2	0	3	6	0	10	19	0	1
October	2	3	0	0	0	0	0	0	0	1	1	0	3	5	0	3	6	0	3	2	0	1	0	0	13	17	0	1
November ..	1	9	0	2	0	0	0	1	0	0	0	0	1	0	0	1	2	0	1	2	0	0	7	0	6	21	0	3
December ..	3	4	0	0	5	0	3	3	0	0	3	0	2	1	0	0	2	0	0	1	0	1	3	0	9	22	0	0
Year.. ..	18	35	0	16	14	0	12	16	0	10	10	0	14	18	0	18	40	1	18	36	1	23	49	1	129	218	3	15

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Notes on Tables I to IV.

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 §. The differences from and percentages of average for air temperature, rainfall and sunshine are the means of the corresponding values for the selected stations. The differences from average of earth temperature are the means of the corresponding values for all the stations in Table III for which averages of earth temperature are available. 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 records used in the preparation of this Table are generally made by anemographs of the pressure-tube type. The classification adopted for the "Distribution of Wind" is based on the specification of the Beaufort Scale of Wind Force (see *The Observer's Handbook*). For an anemograph complying with the specification "head 33 ft. (10 m.) above ground in the open" the several columns correspond with 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 azimuth of the direction from which the wind was blowing is stated, the entry for an east wind being 90°, 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 temperatures are stated independently the temperatures refer to intervals of 24 hours. If the maximum thermometer is read in the morning the reading is credited to the previous day. When the terminal hours for maximum and minimum are separated by a dash, thus, 18-7, the day maximum for the period 7h. to 18h. and the night-minimum for the period 18h. to 7h. are reported and are utilised in determining the means for the month; in such cases the extreme temperatures for successive periods of 24 hours are also read by the observers, so that the absolute maximum and minimum temperatures for the month are obtained.

With the following exceptions, the measurements of temperature are made in louvred screens in the open:—*Aberdeen and Valentia Observatories.*—The 24-hour extremes refer to north wall screens, respectively 41 ft. and 4 ft. above ground. *Kew Observatory.*—All readings refer to a north wall screen 9 ft. above ground. *Royal Observatory, Greenwich.*—A Glaisher stand was in use until December 31st, 1937.

Rainfall.—The daily amounts are for the 24 hours beginning at the "terminal hour." "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 mere "traces" of precipitation, but it is frequently passed on occasions when the precipitation is only dew.

Weather.—The numbers of days of Precipitation, Snow, Hail, Thunderstorms and Gales are counted irrespective of the hour at which the phenomena occur. Except for "Precipitation" the day is the civil day.

For the purpose of this summary "Snow" includes sleet (*i.e.*, snow with rain), "Hail" includes graupel (soft hail), "Snow lying" refers to occasions when at least one-half of the country surrounding the station is covered with snow *at the morning observation.* The entry of "fog" implies that regular observations of the range of vision are made on the scale set out below. Days of fog are those on which the range of vision is less than 1,100 yards at the hour of morning observation, *viz.*, 7h. or 9h. G.M.T. The variability of the observation hour may exercise an important effect upon the statistics of fog frequency. "Thunderstorm" includes any day on which thunder is heard. "Gale" is a wind of Force 8 or upwards on the Beaufort Scale. A "ground frost" is entered when the reading of a "grass minimum" thermometer set the previous evening and read at the morning observation is 30°F. or lower.

Sunshine.—The percentage of possible sunshine in the last column is calculated with reference to the maximum duration theoretically possible in the latitude, allowance being made for refraction (see *International Meteorological Tables* (Paris) pp. A17-A20 and 42-47) but not for the fact that the sunshine recorder is generally insensitive to sunshine when the sun is at an altitude of less than 3°.

S. Where the symbol **S** occurs it indicates that obstructions obscure the sun during more than 5% of the period when it is over 3° above the horizon.

Table IV. Summary of Observations at Fixed Hours.*

Mean Air Pressure is expressed in millibars (1 millibar = 1,000 dynes per square centimetre = the pressure due to ·029531 inch of mercury at 32°F. in Lat. 45°). The corrections for latitude, temperature and height have been applied to the barometer readings so as to obtain pressure at mean sea level. Barometric pressure is given at station level for a few stations at altitudes of 600 ft. or more in footnotes in Table IV.

Hygrometry.—The values given depend on the readings of the dry and wet bulb thermometers in Stevenson Screens (except at the Observatories, see above). The observations were formerly reduced by Glaisher's method; as from January 1926, they are reduced by the new hygrometrical tables issued by the Office which are based on a formula of Regnault. In general the relative humidity and vapour pressure are derived from the monthly means of the dry and wet bulb readings. At certain stations the daily values of relative humidity and vapour pressure are found and the means are computed therefrom. These stations are indicated by the letter "H."

Cloud Amount.—The proportion of sky covered with cloud is estimated on the scale 0 to 10, the entry "0" being equivalent to clear sky, "10" to overcast.

Visibility.—The observations are classified according to the following scheme—the distances, specified by international arrangements in metres, are given here in yards and miles:—

Code.	Range of Vision.
0	Less than 55 yards.
1	Exceeding 55 yards, less than 220 yards.
2	,, 220 ,, ,, 550 ,,
3	,, 550 ,, ,, 1,100 ,,
4	,, 1,100 ,, ,, 1¼ miles
5	,, 1¼ miles ,, 2½ ,,
6	,, 2½ ,, ,, 6½ ,,
7	,, 6½ ,, ,, 12½ ,,
8	,, 12½ ,, ,, 31 ,,
9	,, 31 ,,

Entries are in italic type where there is no object within 10% of the correct distance defining the lower limit of the range represented by the corresponding code figure.

Wind Summaries.—The estimates of wind force refer to the Beaufort Scale, and to the wind experienced at the time of observation. At stations where there are anemographs the mean velocity for a period of about 10 minutes is converted to "force" on the Beaufort Scale by means of a table of equivalents appropriate to the exposure. The revised instructions on the computation of the Wind Frequency Table set out on p. 44 of M.O. 191/1 (1943) were brought into use during 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 interpolate 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—(52·4).

Standard of Time.

As a rule observations are made in all parts of the British Islands according to Greenwich Mean Time, but at the following stations Local Mean Time is used for the observations summarised in Tables III and IV. The number of minutes after Greenwich Time is shown in brackets—Tavistock (17), Plymouth (15).

"Summer Time" is not used in the Monthly Weather Report, but at certain stations the hours of observation vary in the course of the year. For such stations all time entries are converted to G.M.T. before they are printed and the winter hours are given as the terminal hours in the annual tables. For the summer hours reference should be made to the appropriate months.

Averages.

Rainfall (Table III).—The averages refer to the period 1881-1915 and are "weighted" if the record is not complete for that period. *Pressure (Table IV).*—The averages are for the period 1901-1930.

Temperature and Sunshine (Table III).—The averages refer to periods of from 10 to 30 years ending 1935. Differences from and percentages of averages of less than 30 years are printed in italics.

* In addition to the frequencies published in this Report (Tables III and IV), the Meteorological Office has issued since January, 1927, in the form approved by the International Commission for Air Navigation, monthly frequency tables of height of base of low cloud, and speed and direction of surface and upper winds.

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