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THE MONTHLY WEATHER REPORT FOR THE YEAR 1935

PUBLISHED BY THE
AUTHORITY OF THE METEOROLOGICAL
COMMITTEE

LONDON
PUBLISHED BY HIS MAJESTY'S STATIONERY OFFICE
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1936

Subscription price 15*s.* 0*d.* Net, post free

THE MONTHLY WEATHER REPORT, 1935

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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 résumé 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. The meteorological data in the Quarterly Reports of the Registrar-General for England and Wales, for Ireland, and those given in the Annual Report of the Registrar-General for Scotland, are compiled from data used in the Monthly Weather Report. Additional information as to rainfall is to be found in the annual volumes of "British Rainfall." Particulars of the methods adopted in taking the observations are given in the *Meteorological Observer's Handbook*, M.O. 191.

Changes in 1935

In this Report unweighted averages of air-temperature and duration of sunshine for periods up to 30 years ending 1930 are used. The number of years used for each station is shown in the List of Stations on pp. vi–xii; further details will be found in *Averages of Temperature* (M.O. 364) and *Averages of Bright Sunshine* (M.O. 377) which contain the monthly and annual averages for all stations.

Two new Tables have been added to the summary for the whole year, one (Table XIIa) giving the number of hours in each month with gusts above 38 and 54 mi./hr. respectively, and the other (Table XVII) the weekly means of wind components.

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 this section of the preface in the volumes for 1927 to 1933.

The following list gives the dates of various series in which monthly values of meteorological elements for British stations are incorporated:—

International Form B: published in "Observations at Stations of the Second Order" ..	1873—1910
and in "Daily Readings at Stations of the First and Second Orders": *Annual Supplement*	1911—1921
Monthly Weather Report (with Annual Summary from 1905)	1884—date
Weather Summaries: Working forms preserved in Meteorological Office	1876—1902
International Form B: Working forms preserved in Meteorological Office	1902—date
For Royal Engineers' Stations: Abstract by Col. Sir H. James, London 1865	1853—1858
For Observatories: Quarterly Weather Report, 1869–1880; "Hourly Readings" or "Hourly Means" 1881—1907; British Meteorological and Magnetic Year Book 1908–1921; Observatories' Year Book 1922 onwards	1869—date
For Telegraphic Stations; Q.W.R. 1876—1880; D.W.R. Supplement 1881—1888; for selected telegraphic stations, revised monthly supplement to D.W.R., 1917 to date ..	1876—date
For Royal Meteorological Society Stations; Meteorological Record	1881—1911
For Scottish Stations: Journal of the Scottish Meteorological Society	1856—1919
Registrar-General's Returns (England)	1849—date
Registrar-General's Returns (Scotland)	1856—date
Registrar-General's Returns (Ireland)	1864—date
British Rainfall	1860—date

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 twelve Districts of the temperature of the air, of differences from average of earth temperature, of rainfall, and of duration of bright sunshine, based on observations at the "district value" stations (*See below*).

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.

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

All the records are obtained from instruments of the Dines Pressure Tube type except in the case of Kingstown.

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 1881–1915. Isobars are drawn for intervals of 2 millibars or 1 millibar.

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 1,000 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 are given when available.

g.—Table III (a).—Temperature of the river Derwent at Belper, and of the river Trent at Attenborough near Nottingham.

h.—Table III (b).—Observations of duration of starlight at the Royal Observatory, Greenwich, and at Porton, Wilts, and of cloud and fog by day at Greenwich.

i.—Table III(c) – Solar Radiation at Kew Observatory.

j.—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.

k.—Notes on the Tables.

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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 winds of force 4–7 on the Beaufort Scale (from 1906), of winds of force 1–3 (from 1923), the number of days of fog (from 1906), the number of observations of different degrees of visibility (from 1923), the number of days of 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).

District Value Stations, 1935

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 : E1, Earth Temperature at 1 foot : E4, Earth Temperature at 4 feet : S, Sunshine.

Dist.	Station.	Element.
0	Fort Augustus ..	TR – – –
	Inverness ..	TR – – S
	Kirkwall	TR – – S
	Lerwick	T – – S
	Stornoway ..	TR – – S
1	Aberdeen ..	TR – – S
	Dundee	TR – – S
	Edinburgh ..	TR – – S
	Marchmont ..	TR – – S
	Nairn	TR – – S
6	Dumfries.. ..	TR E1 E4 S
	Eskdalemuir ..	TR – – S
	Oban	– – – S
	Renfrew (Abbotsinch)	TR – – S
	Rothesay ..	TR E1 E4 S
2	Cockle Park ..	TR E1 E4 S
	Cranwell	TR – – S
	Durham	TR – – S
	Hull	– E1 E4 –
	Scarborough ..	TR – – S
	York	TR E1 E4 S
3	Cambridge ..	TR E1 E4 S
	Clacton	TR E1 E4 S
	Lowestoft ..	– E1 – –
	Norwich	– E1 – –
	Rothamsted ..	TR – – S
	Tottenham ..	TR – E4 S
	Yarmouth ..	TR E1 E4 S
4	Belvoir Castle ..	– E1 E4 –
4 *cont.*	Birmingham ..	TR E1 E4 S
	Bradford ..	– E1 E4 –
	Bromyard ..	– E1 E4 –
	Buxton	– E1 E4 –
	Harrogate ..	TR E1 E4 S
	Huddersfield ..	– E1 E4 –
	Meltham ..	– E1 – –
	Nottingham ..	TR E1 E4 S
	Oxford	TR – – S
	Ross-on-Wye ..	TR – – S
	Sheffield	– E1 E4 –
	Worksop	– E1 E4 –
5	Bournemouth ..	– E1 E4 –
	Brighton ..	– – E4 –
	Camden Square..	– E1 E4 –
	Eastbourne ..	– E1 E4 –
	Enfield	– – E4 –
	Hastings	TR E1 E4 S
	Kew Obs. ..	TR E1 E4 S
	Margate	TR E1 E4 S
	Marlborough ..	TR – – S
	Southampton ..	TR – – S
	Tunbridge Wells	– E1 – –
	Wisley	– E1 E4 –
7	Bolton	– E1 E4 –
	Burnley	– E1 E4 –
	Darwen	– E1 E4 –
	Holyhead ..	TR – – S
	Manchester (City)	– E1 E4 –
7 *cont.*	Newton Rigg ..	TR – – S
	Sealand	TR – – S
	Southport ..	TR E1 E4 S
	Stonyhurst ..	TR – – S
8	Bath	TR E1 E4 S
	Cardiff	– E1 E4 –
	Cullompton ..	TR E1 – S
	Falmouth ..	TR – – S
	Ilfracombe ..	– E1 E4 –
	Newquay ..	– E1 E4 –
	Plymouth ..	– E1 – –
	Rhayader ..	TR – – S
	St. Ann's Head ..	TR – – S
	Swansea	– E1 E4 –
9	Armagh	TR E1 E4 S
	Birr Castle ..	TR – – S
	Blacksod Point ..	R – – –
	Malin Head ..	TR – – S
	Mallaranny ..	– – – S
	Markree Castle ..	TR E1 E4 S
10	Ballinacurra ..	– – – S
	Birr Castle ..	TR E1 E4 S
	Dublin (City) ..	TR – – –
	,, (Phœnix Pk.)	– – – S
	,, (Trinity Coll.)	– E1 E4 –
	Roches Point ..	TR – – –
	Valentia Obs. ..	TR – – S
	Waterford ..	TR – – –
11	Guernsey ..	TR E1 E4 S
	Jersey	TR – – S
	Scilly	TR – – S

Stornoway.—The "difference from average" in the case of rainfall continues to refer to Matheson Road.

Fort Augustus.—Averages of sunshine are not available owing to a defective recorder having been used in past years.

Oban.—Averages of rainfall for the new site are not yet available. The averages of temperature have now been found to be inapplicable to the new site, and the published values of "difference from average" should be deleted.

Harrogate.—As from July 1, observations were taken at 9 h. only instead of at 7 h. and 18 h. Averages of temperature were adjusted accordingly.

Hastings.—A change of site was made on August 1, from Gensing Gardens, St. Leonards, to White Rock, Hastings. The averages are not affected by this change.

Liverpool (Bidston).—As from July 1, observations were taken at 9 h. instead of at 7 h. and 18 h. Averages of temperature were adjusted accordingly.

Rhayader.—From June to December, inclusive, observations were unreliable and were omitted, the district values being computed from four stations instead of five.

Donaghadee.—As from July 1, observations were taken at 8 h. (7 h. G.M.T. during Summer Time) instead of at 7 h. and 18 h. Averages of temperature were adjusted accordingly.

Blacksod Point.—A reliable average of temperature is not yet available.

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. The 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, p. 190.

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.

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. Observa-

tions 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 7h. (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 some telegraphic stations an additional observation is made at 1 h. (1 a.m.) G.M.T. and also in a few of these cases at 21 h. (9 p.m.).

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 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. Summaries of these special 17 h. (5 p.m.) observations are, however, not published in this volume.

A.; II A.; III A.; T.A. Anemometer Station (which may also be a Normal Climatological Station, Auxiliary Station or Telegraphic 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.

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.

Averages.

Rainfall (*Table III*), *Pressure* (*Table IV*).—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.

Temperature and Sunshine (*Table III*).—The averages in nearly all cases refer to periods of from 10 to 30 years ending 1930. The length of 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 1930 (M.O.364).

(2) Averages of Bright Sunshine for the British Isles for periods ending 1930 (M.O. 377).

Standards of Time

The Summer Time Act of 1925 fixes permanently the period in each year during which Summer Time is in force.

In 1935 the period adopted was from April 14 to October 5. Between these dates the public clocks were one hour 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, printed on the last page of each monthly issue. Two Irish stations are included, but when the use of Dublin Time for civil purposes was discontinued in Ireland from October 1st, 1916, other stations advanced their observations by 25 minutes and adopted Greenwich Time.

Sea-Temperature

Returns of sea-temperatures are received by the Meteorological Office from certain ships, lightships and coast stations. The average temperatures of the seas round the British Isles for the months of the year 1935 are shown by large figures on the maps in the monthly issues of this report. Coast stations are not used in deriving these averages.

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

LIST OF STATIONS

Station.	Dist.	County.	Lat.	Long.	Classification.	Publication.	Averages (number of years).		Authority.
			° N. ′	° ′			Temp.	Sunshine.	
Aber (University Coll. Farm)	7	Carnarvon ..	53 14	4 1W.	III C.W.	m.	—	—	Prof. R. G. White.
Aberdeen (Observatory)	1	Aberdeen ..	57 10	2 6W.	I	D,W,W¹,M,O,μ.	30	30	Assistant-in-Charge.
Aberystwyth	8	Cardigan ..	52 25	4 4W.	III H.	d,m.	25	25	The Town Clerk.
Aberystwyth, P.B.S. ..	8	Cardigan ..	52 25	4 3W.	III C.W.	m.	—	—	Prof. R. G. Stapledon, M.A., Plant Breeding Station.
Achnashellach	0	Ross and Cromarty	57 29	5 16W.	II	m.	—	—	The Forester-in-Charge, for Forestry Commission (Scotland).
Addington (Hills Res.)	5	Surrey ..	51 22	0 4W.	III	m.	30	—	Borough Engineer, Croydon.
Aldergrove (Aerodrome)	9	Antrim ..	54 39	6 13W.	I	D,Mμ.	—	—	Meteorological Officer.
Alderwasley	4	Derbyshire ..	53 4	1 31W.	III	—	—	—	The General Camps Chief.
Ambleside	7	Westmorland ..	54 26	2 57W.	III H.	m.	—	—	The Surveyor.
Amesbury									*See* Boscombe Down.
Ampleforth (Abbey) ..	2	Yorkshire (N.R.)	54 12	1 5W.	III	m.	30	—	Rev. J. B. Boyan, O.S.B.
Appleby	7	Westmorland ..	54 34	2 30W.	III	m.	22	—	Lady Holmes.
Arbroath	1	Angus	56 33	2 35W.	II	m.	30	—	The Town Council. (J. W. Robertson.)
Ardingly	5	Sussex	51 4	0 5W.	III	m.	15	—	The late Lord Wakehurst of Ardingly.
Ardtornish									*See* Morvern.
Arlington Court ..	8	Devonshire ..	51 8	3 58W.	III	m.	30	—	Miss Chichester.
Armagh (Observatory)	9	Armagh ..	54 21	6 39W.	II	W,M.	30	30	The Director of Observatory (M.O.).
Ascot (Heatherwood) ..	5	Berkshire ..	51 25	0 41W.	II	m.	—	—	The Medical Superintendent, Heatherwood Hospital.
Askham Bryan ..	4	Yorkshire (W.R.)	53 55	1 10W.	III C.W.	m.	—	—	University of Leeds.
Attenborough	4	Nottingham ..	52 55	1 13W.	III	m.	—	—	Messrs. Granger.
Auchincruive	6	Ayr	55 29	4 34W.	III	m.	—	—	West of Scotland College of Agriculture.
Ayr	6	Ayr	55 29	4 37W.	II	—	—	—	Medical Officer of Health.
Balbriggan (Ardgillan)	10	Dublin	53 35	6 10W.	III	m.	30	—	Capt. E. R. Taylor.
Balerno (*Shothead*) ..	1	Midlothian ..	55 52	3 21W.	III	—	—	—	A. D. Buchanan Smith, Esq.
Ballinacurra (Midleton)	10	Cork	51 52	8 10W.	III	w,m.	26	25	The late John H. Bennett, Esq.
Balmakewan									*See* Marykirk.
Balmoral	1	Aberdeen ..	57 2	3 12W.	III	m.	25	—	R. F. Chalmers, Esq.
Baltasound (Halligarth)	0	Shetlands ..	60 46	0 50W.	III	m.	26	24	T. Edmonston Saxby, Esq., F.R.F.P.S. (Glas.), J.P.
Banff	1	Banff	57 40	2 31W.	II H.	m.	10	16	The Town Council. (I. H. Gordon.)
Barnstaple	8	Devon	51 5	4 3W.	III	—	—	—	The Librarian, North Devon Athenæum.
Bath	8	Somerset ..	51 23	2 21W.	III H.	d,W,M,W¹.	25	27	Medical Officer of Health.
Beachy Head (C. Guard Stn.) ..	5	Sussex	50 44	0 15E.	T.	m.	—	—	The Chief Officer, (M.O.).
Bell Rock Lighthouse	1	Angus	56 26	2 24W.	A.	μ.	—	—	The Head Keeper, (M.O.).
Bellingham	2	Northumberland	55 13	2 18W.	III	m.	22	—	Sir Claude Morrison-Bell, Bart.
Belper (School) ..	4	Derby	53 1	1 29W.	III	m.	20	—	Herbert Strutt Secondary School.
Belper (Quarry Bank)	4	Derby	53 2	1 29W.	III	m.	30	—	John Hunter, Esq., A.M.I.C.E., F.R. Met.
Belvoir Castle									*See* Grantham. [Soc.
Berwick-on-Tweed ..	2	Northumberland	55 46	2 0W.	III H.	d,m.	—	—	Borough Surveyor.
Bexhill (*Egerton Park*)	5	Sussex	50 50	0 28W.	III H.		—	—	The Borough Council. (H. J. Sargent.)
Bidston Observatory ..									*See* Birkenhead.
Biggin Hill (Aerodrome)	5	Kent	51 19	0 2E.	T.	M.	10	10	Assistant-in-Charge.
Bingley	4	Yorkshire (W.R.)	53 51	1 51W.	III	—	—	—	The Director, St. Ives Research Station.
Birkenhead (Bidston Obs.)	7	Cheshire ..	53 24	3 4W.	III	M.W¹,μ	30	23	The Director.
Birmingham									
(Edgbaston) ..	4	Warwick ..	52 29	1 56W.	T.A.	D,W,M,W¹,μ.	11	30	Midland Institute. (A. J. Kelley.)
(Sparkhill)	4	Warwick ..	52 27	1 51W.	III	m.	23	—	D. H. Owen, Esq.
Birr Castle	10	Offaly	53 6	7 56W.	T.	D,W,M.	10	30	The Earl of Rosse.
Blackford Hill ..									*See* Edinburgh.
Blackpool	7	Lancashire ..	53 49	3 3W.	III H.	d.	25	30	Medical Officer of Health.
Blacksod Point ..	9	Mayo	54 6	10 4W.	T.	D,W,M.	—	—	Sub-Postmistress, (M.O.)
Boghall									*See* Edinburgh.
Bognor Regis	5	Sussex	50 47	0 41W.	III H.	d.	30	25	The Town Clerk.
Bolton	7	Lancashire ..	53 35	2 27W.	III	m.	30	30	The Corporation. (E. Hendy.)
Boscombe Down (Aero.)	5	Wiltshire ..	51 10	1 45W.	I	D,M.	—	—	Meteorological Officer.
Bournemouth (Vale View)	5	Hampshire ..	50 43	1 53W.	III H.	d,m.	25	27	The Corporation. (C. Dales, F.R.Met. Soc.)
Bradford (Lister Park)	4	Yorkshire (W.R.)	53 49	1 46W.	III	m,W¹.	23	23	The Corporation.
Braemar	1	Aberdeen ..	57 0	3 24W.	II	M.	30	—	John Campbell, Esq.
Bridlington (*School*) ..	2	Yorkshire (E.R.)	54 5	0 13W.	III H.	—	10	11	The Headmaster.
Brighton	5	Sussex	50 49	0 8W.	III H.	d, M,W¹.	25	30	Medical Officer of Health.
Bristol									*See* Horfield.
Bromley	5	Kent	51 24	0 1E.	III	m.	—	—	Borough Engineer.
Bromyard	4	Hereford ..	52 11	2 30W.	III	m.	20	—	Miss M. A. Philpott.
Buddon Ness Lighthouse									*See* Carnoustie.
Bude	8	Cornwall ..	50 50	4 33W.	III H.	d.	12	17	Clerk to the U.D.C.
Bungay (Flixton) ..	3	Suffolk	52 25	1 23E.	III	m.	10	—	Sir Shafto Adair, Bart.
Bunhill Row									*See* London.
Burnley	7	Lancashire ..	53 48	2 15W.	III	m,W¹.	22	23	Medical Officer of Health.
Butt of Lewis (Lighthouse) ..	0	Hebrides ..	58 31	6 16W.	A.	μ.	—	—	Principal Keeper, (M.O.).
Buxton	4	Derby	53 16	1 55W.	III H.	m.	25	23	The Town Clerk.
Byfleet (Wisley R.H.S. Gdns.)	5	Surrey	51 17	0 26W.	III C.W.	M.	27	27	The Director.
Calshot (Aerodrome) ..	5	Hampshire ..	50 49	1 18W.	I	D,M,μ.	10	10	Meteorological Office. (Officer-in-Charge.)
Cambridge (Bot. Gdns.)	3	Cambridge ..	52 12	0 8E.	II	W,M.	30	30	The Curator.
Cambridge (Univ.Farm)	3	Cambridge ..	52 12	0 8E.	III C.W.	m.	—	—	The Director.
Camden Square ..									*See* London.
Cannington	8	Somerset ..	51 9	3 4W.	III C.W.	m.	—	—	The Principal, Cannington Court Farm Institute.
Canterbury	5	Kent	51 17	1 5E.	III	m.	15	—	A. Lander, Esq.
Cantref (Cardiff Waterworks)	8	Brecknock ..	51 50	3 27W.	III	m.	—	—	The Water Engineer, Cardiff.
Cardiff	8	Glamorgan ..	51 28	3 10W.	II	M,W¹.	27	23	Medical Officer of Health.
Cardington (R.A.W.) ..	3	Bedford ..	52 7	0 25W.	A.	μ.	—	—	The Superintendent (M.O.).

Station.	Dist.	County.	Lat.	Long.	Classification.	Publication.	Averages (number of years).		Authority.
			° N. ′	° ′			Temp.	Sunshine.	
Cardross	6	Dumbarton ..	55 58	4 38W.	III	m.	22	22	Claud A. Allan, Esq.
Carluke (Law Junction)	6	Lanark ..	55 45	3 53W.	III	—	—	—	W. A. Galbraith, Esq.
Carnoustie	1	Angus	56 30	2 42W.	III	m.	14	19	Burgh Surveyor.
Carnoustie (Buddon Ness Lighthouse) ..	1	Angus	56 28	2 44W.	III	—	—	—	Dundee Harbour Trust (J. Hannay Thomson).
Carrick-on-Suir (Seskin)	10	Waterford ..	52 21	7 24W.	II	M.	17	17	L. Grubb, Esq.
Castleton	2	Yorkshire (N.R.)	54 28	0 56W.	III	m.	—	—	Miss Muriel H. Punch.
Catterick (Aerodrome)	2	Yorkshire (N.R.)	54 22	1 37W.	I	D,M.	—	—	Meteorological Officer.
Chelmsford (Agric. Station)	3	Essex	51 42	0 29E.	III C.W.	m.	—	—	The Principal, East Anglian Institute of Agriculture.
Chelmsford (County Gdns.) ..	3	Essex	51 44	0 27E.	III	m.	—	—	
Chelsea									*See* London.
Cheltenham (Montpellier Gdns.)	4	Gloucester ..	51 54	2 3W.	II H.	d,M.	25	24	The Town Clerk.
Chopwellwood									*See* Rowlands Gill.
Ciliau Aeron	8	Cardigan ..	52 13	4 11W.	III	—	—	—	G. C. Faber, Esq.
Cirencester	4	Gloucester ..	51 42	2 0W.	III C.W.	m.	15	15	The Principal, Royal Agricultural College.
Clacton-on-Sea ..	3	Essex	51 47	1 9E.	III H.	d,W,m.	20	26	The Town Clerk.
Cleethorpes (King's Parade) ..	2	Lincolnshire ..	53 33	0 1W.	III H.	d,m.	—	—	The Engineer and Surveyor.
Cockle Park									*See* Morpeth.
Collooney (Markree Castle)	9	Sligo	54 11	8 27W.	II	W,M.	30	30	The Late Major Cooper's Trustees.
Colmonell	6	Ayr	55 8	4 57W.	III	m.	23	—	D. D. Gordon for Capt. McConnel.
Colonsay	6	Argyll	56 5	6 11W.	III	m.	—	—	Murdo McNeill for Lord Strathcona.
Colwyn Bay (Eirias Park)	7	Denbigh ..	53 16	3 44W.	III H.	d,m.	17	22	Borough Surveyor.
Copdock	3	Suffolk	52 2	1 5E.	III	m.	29	17	F. L. Bland, Esq.
Cork (Univ. Coll.) ..	10	Cork	51 54	8 29W.	III	m.	—	—	Prof. H. N. Walsh.
Coventry (City Hospital)	4	Warwick ..	52 25	1 30W.	III	m.	30	25	Medical Officer of Health.
Craibstone									*See* Dyce.
Cranwell (Aerodrome)	2	Lincolnshire ..	53 2	0 31W.	I	D,W,M,μ.	10	10	Meteorological Office. (Officer-in-Charge.)
Crieff (Strathearn Hydro)	1	Perth	56 22	3 50W.	II	M.	30	—	George Reid for Dr. Gordon Meikle.
Cromer	3	Norfolk ..	52 56	1 17E.	III H.	M.	23	28	Clerk to the Urban District Council.
Croydon (Addington)									*See* Addington.
Croydon	5	Surrey	51 21	0 7W.	I	D,M,μ.	10	10	Meteorological Office. (Officer-in-Charge.)
Cullompton	8	Devonshire ..	50 51	3 23W.	III	W,m.	30	30	Murray T. Foster, Esq.
Cupar (Asylum) ..	1	Fife	56 19	3 1W.	III	m.	28	—	The Medical Superintendent.
Dalwhinnie	0	Inverness ..	56 56	4 14W.	T.	D,M.	—	—	J. Phillips (M.O.)
Darwen	7	Lancashire ..	53 41	2 28W.	II	m.	23	23	Medical Officer of Health.
Datchet	4	Buckingham ..	51 30	0 34W.	III	—	—	—	Imperial Chemical Industries, Ltd.
Deal	5	Kent	51 13	1 24E.	III H.	d.	—	10	The Town Clerk.
Deerness	0	Orkney ..	58 56	2 45W.	II	M.	30	30	W. J. Moar, Esq.
Donaghadee (C. Guard Stn.)	9	Down	54 38	5 31W.	III.	m.	20	—	Station Officer (M.O.).
Doncaster	4	Yorkshire (W.R.)	53 31	1 6W.	II	—	—	—	The Corporation.
Douglas	6	Isle of Man ..	54 10	4 28W.	III H.	d,M.	25	30	Borough Surveyor.
Dover (Waterloo Cres.)	5	Kent	51 7	1 19E.	III H,A.	d,m,μ.	18	20	Borough Engineer.
Dovercourt	3	Essex	51 57	1 16E.	III H.	d.	—	—	Borough Surveyor, Harwich.
Dublin :—									
City (Fitzwilliam Sq.)	10	Dublin ..	53 20	6 15W.	II	W,m.	30	—	Sir John W. Moore, M.D., D.Sc.
Glasnevin (Botanic Gdns.)									*See* Glasnevin.
Phœnix Park ..	10	Dublin	53 22	6 21W.	II	w,m.	30	30	The Director, Ordnance Survey Office.
Trinity College ..	10	Dublin	53 21	6 16W.	II	m.	27	—	R. W. Ditchburn, Esq.
Dumfries	6	Dumfries ..	55 3	3 36W.	II	W,m.	30	21	Crichton Royal Institution. (C. C. Easterbrook, M.D.).
Dunbar (Public Park)	1	E. Lothian ..	56 0	2 31W.	III H.	d,m.	—	—	The Town Council. (Sir W. Keith).
Dundee (Mayfield) ..	1	Angus	56 28	2 56.W	III	W,m,W^1	15	15	The Director of Studies.
Dundee (Harbour) ..	1	Angus	56 28	2 58W.	III	—	—	—	Dundee Harbour Trust. (J. Hannay Thomson).
Dunfanaghy Road ..	9	Donegal ..	55 11	7 58W.	A.	μ.	—	—	Londonderry and Lough Swilly and Letterkenny Railway.
Dunfermline	1	Fife	56 4	3 28W.	II H.	m.	—	—	The Carnegie Dunfermline Trust.
Dungavel									*See* Strathaven.
Dungeness	5	Kent	50 55	0 58E.	T.	D,M.	10	—	Chief Officer R.N. Signal Station, (M.O.).
Dunoon (Ben More) ..	6	Argyll	56 2	4 59W.	III C.W.	m.	—	—	Forestry Commission (Scotland).
Dunoon	6	Argyll	55 58	4 56W.	III H.	—	—	—	The Town Council. (W. Rodger, Esq.).
Duntulm	0	Inverness ..	57 39	6 22W.	III	m.	—	—	Seton Gordon, Esq.
Durham	2	Durham ..	54 46	1 35W.	II	W,M.	30	30	University Observatory. (F. Sargent).
,, (Houghall Hort. Stn.)	2	Durham ..	54 45	1 35W.	III C.W.	m.	—	—	County Education Committee.
Dyce (Craibstone) ..	1	Aberdeen ..	57 11	2 12W.	III C.W.	m.	—	—	Aberdeen and North of Scotland College of Agriculture.
Earls Colne (Grammar School)	3	Essex	51 55	0 42E.	III	m.	—	—	The Head Master.
Eastbourne (Wilmington Sq.)	5	Sussex	50 46	0 17E.	II H.	d,m.	30	30	Medical Officer of Health.
East Ham									*See* London.
East Malling (Research Stn.)	5	Kent	51 17	0 24E.	III C.W.	m.	—	—	The Principal.
Edgbaston									*See* Birmingham.
Edinburgh :—									
Blackford Hill ..	1	Midlothian ..	55 55	3 11W.	II A.	W^1,W,M,μ.	30	30	The Astronomer Royal for Scotland.
Boghall	1	Midlothian ..	55 52	3 12W.	III C.W.	m.	—	—	Edinburgh and East of Scotland College of Agriculture.
Liberton (College Farm)	1	Midlothian ..	55 55	3 10W.	III	m.	—	—	Edinburgh and East of Scotland College of Agriculture.
University, (King's Buildings)	1	Midlothian ..	55 55	3 11W.	III	m.		—	Professor Sir T. Hudson Beare, F.R.S.E.

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Ellbridge (Experimental Stn.)									*See* St. Mellion.
Enfield									*See* London.
Eskdalemuir (Observatory)	6	Dumfries	55 19	3 12W.	I	D,W,M,μ,O.	21	21	The Superintendent.
Exmouth	8	Devon	50 36	3 24W.	III H.	—	17	17	The Engineer, U.D.C.
Falmouth (Observatory)	8	Cornwall	50 9	5 5W.	III H.	m,W.	25	30	The Supt., for Royal Cornwall Polytechnic Society.
„ (Pendennis C. Guard Stn.)	8	Cornwall	50 9	5 3W.	A.	μ.	—	—	Station Officer (M.O.).
Felixstowe (Aerodrome)	3	Suffolk	51 57	1 20E.	I A.	D,M,μ.	10	26	Meteorological Officer.
Fleetwood	7	Lancashire	53 56	3 1W.	A.	μ.	—	—	Borough Council. (M.O.)
Fleetwood	7	Lancashire	53 56	3 1W.	III H.	—	—	—	The Town Clerk.
Fochabers (Gordon Castle)	1	Moray	57 37	3 5W.	II	m.	30	22	C. Webster, for the Duke of Richmond and Gordon, K.G.
Folkestone	5	Kent	51 5	1 11E.	III H.	d,m.	20	25	Borough Engineer.
Forres	1	Moray	57 37	3 36W.	III H.	m.	—	—	The Town Clerk.
Fort Augustus (Abbey)	0	Inverness	57 8	4 40W.	III	W,m.	30	—	The Procurator.
Fortrose	0	Ross and Cromarty	57 35	4 8W.	III	m.	20	20	Archibald Thom, Esq., M.A.
Fort William	0	Inverness	56 49	5 7W.	III	m.	22	—	Jas. W. Ainslie, Esq.
Fowey	8	Cornwall	50 21	4 38W.	III	m.	20	20	The Town Clerk.
Foynes	10	Limerick	52 37	9 7W.	III	m.	30	—	The Lord Monteagle, C.M.G., M.V.O.
Gibraltar	—	—	36 6	5 21W.	II	M.	10	—	King's Harbour Master.
Giggleswick (School)									*See* Settle (Giggleswick School).
Glasgow University	6	Lanark	55 52	4 17W.	III	m,W^1.	25	—	Prof. J. R. Currie, M.D., D.P.H.
Glasnevin (Botanic Gdns.)	10	Dublin	53 23	6 16W.	II	M.	30	—	The Keeper.
Glenbranter									*See* Strachur.
Gordon Castle									*See* Fochabers.
Gorleston (C. Guard Stn.)	3	Norfolk	52 35	1 43E.	T.A.	D,M,W,μ.	10	23	Station Officer (M.O.).
Goudhurst (Bedgebury Forest)	5	Kent	51 5	0 27E.	III	m.	—	—	Forestry Commission.
Grantham (Belvoir Castle)	4	Leicester	52 54	0 47W.	II	m.	30	25	The Duke of Rutland, K.G.
Greenock	6	Renfrew	55 56	4 46W.	II	W^1,m.	30	—	J. MacAlister, Esq., M.Inst.C.E.
Greenwich									*See* London.
Guernsey(St. Peter Port)	11	Channel Islands	49 27	2 33W.	T.H.	D,M,W.	11	26	States Meteorological Committee.
Gulval (Experimental Stn.)	8	Cornwall	50 8	5 32W.	III C.W.	m.	—	—	Cornwall County Council.
Halstead	3	Essex	51 57	0 38E.	III	m.	30	—	F. N. Adams, Esq.
Hampstead Res.									*See* London.
Harpenden (Rothamsted)	3	Hertford	51 48	0 22W.	III C.W.	W.M.	30	30	Lawes Agricultural Trust.
Harrogate	4	Yorkshire(W.R.)	54 0	1 33W.	III H.	W.M.	20	30	Borough Corporation.
Hartest	3	Suffolk	52 8	0 42E.	III C.W.	m.	—	—	The Principal, Chadacre Agricultural Institute.
Hastings (White Rock)	5	Sussex	50 51	0 34E.	II H.	d,W,M.	25	30	Town Clerk.
Haverfordwest	8	Pembroke	51 48	4 58W.	III	—	30	29	The late J. W. Phillips, Esq.
Hawarden Bridge	7	Flint	53 12	3 1W.	III	m.	30	—	Messrs. John Summers and Sons, Ltd.
Hawick (Wolfelee)	1	Roxburgh	55 23	2 39W.	III	m.	30	—	T. Lockie for Mrs. Browne.
Hazelhatch (Peamount San)									*See* Newcastle.
Helensburgh (Valve House)	6	Dumbarton	56 1	4 43W.	III	m.	30	20	Burgh Surveyor.
Hereford (Belmont Abbey)	4	Hereford	52 5	2 45W.	III	m.	30	—	The Abbot.
Herne Bay	5	Kent	51 22	1 7E.	III H.	—	—	—	The Surveyor.
Hillsborough	9	Down	54 27	6 4W.	III	m.	—	—	The Secretary, Agricultural Research Institute.
Hinckley	4	Leicester	52 32	1 22W.	II	—	—	—	E. H. Salter, Esq.
Hodsock									*See* Worksop.
Holton Heath									*See* Poole.
Holyhead	7	Anglesey	53 19	4 37W.	I	D,W,M,μ.	10	18	Meteorological Office, Assistant-in-Charge.
Horfield	4	Gloucester	51 29	2 35W.	II	m.	—	—	George H. Brown, Esq.
Houghall (Hort. Station)									*See* Durham.
Hoylake (Rec. Ground)	7	Cheshire	53 23	3 12W.	III	m.	30	30	The Surveyor.
Huddersfield (Ravensknowle)	4	Yorkshire (W.R.)	53 38	1 45W.	II	m,W^1.	24	24	The Corporation (Dr. Woodhead).
„ (Oakes)	4	Yorkshire(W.R.)	53 39	1 50W.	III	m.	—	—	S. Morris Bowyer, Esq.
Hull (Pearson Park)	2	Yorkshire(E.R.)	53 45	0 16W.	II	m,W^1.	30	—	The General Superintendent, Parks, Cemeteries and Allotments Dept.
Hunstanton	3	Norfolk	52 57	0 29E.	III H.	m.	—	—	Hunstanton Advancement Association.
Hutton	7	Lancashire	53 44	2 45W.	III	M.	18	18	The Director of Education for the Lancashire County Council.
Ilfracombe (Bowling Green)	8	Devonshire	51 12	4 8W.	III H.	d,m.	25	20	The Surveyor.
Ilkley	4	Yorkshire(W.R.)	53 55	1 50W.	III H.	d.	—	—	The Engineer and Surveyor.
Inchkeith (Lighthouse)	1	Fife	56 2	3 8W.	T.	D.M.	10	—	Lightkeeper (M.O.).
Inverness	0	Inverness	57 26	4 13W.	II	W.M.	25	22	The Town Council. (A. Knowles.)
Jersey (St. Heliers)	11	Channel Islands	49 11	2 6W.	III H.	d,W,m.	25	30	The Greffier.
Kensington									*See* London.
Kelso (Broomlands)	1	Roxburgh	55 36	2 25W.	III	m.	30	—	J. C. Scott, Esq.
Keswick	7	Cumberland	54 36	3 9W.	III	m.	27	12	Clerk to the Urban District Council.
Kettins	1	Angus	56 33	3 15W.	III	m.	21	—	W. B. Ogilvie, Esq.

Station.	Dist.	County.	Lat. N.	Long.	Classification.	Publication.	Averages (number of years). Temp.	Sunshine.	Authority.
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Kew Observatory ..									*See* London.
Killerton									*See* Silverton.
Kilmarnock (*Kay Park*)	6	Ayr	55 37	4 29W.	III	—	23	23	W. Dunbar, Esq., C.E.
Kingstown Harbour ..	10	Dublin	53 17	6 8W.	A.	μ	—	—	The Office of Public Works.
Kingsway									*See* London.
Kirkcaldy (William Street) ..	1	Fife	56 7	3 9W.	III	m.	17	—	The Town Council. (J. Page.)
Kirkwall	0	Orkney ..	58 59	2 57W.	III A.	W,m,μ.	24	30	The Town Council.
Lancaster (Greg Obsy)	7	Lancashire ..	54 3	2 47W.	III	m.	26	25	The Corporation (Neville Holden, F.R.A.S.).
Larkhill (School of Artillery)	5	Wilts	51 11	1 48W.	II A.	M,μ.	10	—	Meteorological Officer.
Leamington Spa ..	4	Warwick ..	52 18	1 30W.	III H.	d.	13	19	Medical Officer of Health.
Leckford	5	Hampshire ..	51 8	1 28W.	III	—	—	—	The Managing Director, Leckford Estate, Ltd.
Lerwick Observatory ..	0	Shetlands ..	60 8	1 11W.	I	μ,O.	—	—	Meteorologist-in-Charge.
Lerwick (The Nabb C. Guard Stn.) ..	0	Shetlands ..	60 9	1 8W.	T.	D.W.M.	10	10	District Officer (M.O.).
Leuchars (Aerodrome)	1	Fife	56 23	2 53W.	I	D.M.	10	10	Meteorological Officer.
Leyland	7	Lancashire ..	53 41	2 42W.	III	m.	19	20	H. Nowell ffarington, Esq.
Liberton (College Farm)									*See* Edinburgh.
Lisburn (*School*) ..	9	Antrim ..	54 31	6 3W.	III	—	18	—	The Headmaster.
Littlehampton	5	Sussex ..	50 48	0 32W.	III H.	d.	10	15	The Clerk to the U.D.C.
Liverpool (Bidston)									*See* Birkenhead.
Lizard, The (C. Guard Stn.) ..	8	Cornwall ..	49 57	5 12W.	T.A.	D.M.μ.	—	—	Station Officer (M.O.).
Llandudno	7	Carnarvon ..	53 20	3 50W.	III H.	d,M.	25	30	Medical Officer of Health.
Llandrindod Wells ..	8	Radnor ..	52 14	3 21W.	III H.	—	—	—	Clerk to the U.D.C.
Llety-evan-hen ..									*See* Talybont.
Logie Coldstone ..	1	Aberdeen ..	57 8	2 55W.	III	m.	30	—	Duncan Paterson, Esq., M.A., B.Sc.
London :—									
Bunhill Row ..	Lon.	London ..	51 31	0 5W.	(Sunshine only)	d,m_o.	—	30	Messrs. T. De La Rue & Co., Ltd.
Camden Square ..	Lon.	London ..	51 33	0 8W.	III	d.m.	30	—	Royal Meteorological Society.
Chelsea	Lon.	London ..	51 30	0 10W.	III	—	—	—	The Borough Surveyor.
East Ham	Lon.	Essex	51 32	0 4E.	III	m.	25	—	The Corporation.
Enfield	Lon.	Middlesex ..	51 40	0 10W.	III	m.	19	19	Medical Officer of Health.
Greenwich Observatory	Lon.	London ..	51 29	0 0	I	d,M,W^1.	30	30	The Astronomer Royal.
Hampstead Reservoir	Lon.	London ..	51 34	0 11W.	III	d,m.	20	20	The Hampstead Scientific Society. (E. L. Hawke, M.A.)
Kensington Palace ..	Lon.	London ..	51 30	0 10W.	III	d,M.	10	—	H.M. Office of Works (M.O.).
Kew Observatory ..	Lon.	Surrey ..	51 28	0 19W.	I	D,W,M,O,μ.	30	30	The Superintendent.
Kingsway	Lon.	London ..	51 31	0 7W.	(Sunshine only)	m_o.	—	—	The Director, Meteorological Office.
Oxford Street ..	Lon.	London ..	51 31	0 9W.	III	—	—	—	Messrs. Selfridge & Co., Ltd.
Regent's Park ..	Lon.	London ..	51 31	0 9W.	III	d.m.	—	—	H.M. Office of Works (M.O.).
South Kensington ..	Lon.	London ..	51 30	0 10W.	III	d,M.	—	—	The Director, Meteorological Office.
Stroud Green ..	Lon.	Middlesex ..	51 35	0 6W.	III	M.	—	—	L. R. Bennett, Esq.
Tottenham	Lon.	Middlesex ..	51 36	0 5W.	II	W,m.	24	24	Medical Officer of Health.
Westminster :—									
St. James's Park	Lon.	London ..	51 30	0 8W.	III	{	25	—	H.M. Office of Works (M.O.).
Training College ..	Lon.	London ..	51 30	0 8W.	(Sunshine only)	{ d,m.	—	30	The Principal.
Long Ashton (Research Stn.) ..	8	Somerset ..	51 26	2 40W.	III C.W.	m.	10	10	The Principal.
Long Sutton	5	Hampshire ..	51 12	0 56W.	III C.W.	m.	—	—	The Lord Wandsworth Agricultural College.
Lowestoft	3	Suffolk ..	52 29	1 45E.	III H.	d,m.	20	25	The Town Clerk.
Luton (Wardour Park)	3	Bedford ..	51 54	0 25W.	III	m.	10	10	Borough Engineer.
Lympne	5	Kent	51 5	1 1E.	I	D,M.μ.	10	10	Assistant-in-Charge.
Mablethorpe	2	Lincoln ..	53 20	0 16E.	III	—	—	—	Borough Surveyor.
Macclesfield	7	Cheshire ..	53 16	2 8W.	III	m.	30	—	Borough and Waterworks Engineer.
Malin Head	9	Donegal ..	55 23	7 24W.	T.	D,W,M.	10	16	P. Farren (M.O.).
Mallaranny	9	Mayo	53 55	9 47W.	III	w,m.	12	15	Chief Engineer, G.S. Ry., Dublin.
Malta	—	—	35 54	14 31E.	I	M.	10	10	The Superintendent, Meteorological Office.
Malvern (Free Library)	4	Worcester ..	52 7	2 19W.	III H.	m.	25	22	Borough Surveyor.
Manchester (*Barton Aero*)	7	Lancashire ..	53 28	2 23W.	I	D.M.	—	—	Meteorological Officer.
,, (*Burnage School*)	7	Lancashire ..	53 26	2 12W.	III	—	—	—	Manchester Education Committee.
,, (City, Oldham Rd.)	7	Lancashire ..	53 29	2 13W.	II	m.	30	25	Medical Officer of Health.
,, (Whitworth Pk.)	7	Lancashire ..	53 28	2 14W.	II	M,W^1.	30	27	The Director, Physical Laboratories, University of Manchester.
Mansfield	4	Nottingham	53 9	1 11W.	III	m.	—	—	Borough Surveyor.
Manston (Aerodrome)	5	Kent	51 21	1 22E.	III	M.	—	—	Meteorological Officer.
Marchmont	1	Berwick ..	55 44	2 25W.	II	W,m.	30	30	P. Ross, Esq.
Margate	5	Kent	51 24	1 24E.	III H.	d,W,m.	25	30	The Town Clerk.
Markree Castle ..									*See* Collooney.
Marlborough College ..	5	Wilts	51 25	1 44W.	III	W,m.	30	30	The Headmaster.
Marykirk (Balmakewan)	1	Kincardine ..	56 48	2 33W.	IIIA	m,μ.	—	—	William Low, Esq., B.Sc.
Mayfield	4	Stafford ..	53 0	1 46W.	III	m.	22	18	G. C. Lawson, Esq.
Meltham	4	Yorkshire(W.R.)	53 36	1 50W.	III	m.	30	—	C. L. Brook, Esq.
Mildenhall	3	Suffolk ..	52 22	0 28E.	I	—	—	—	Meteorological Officer.
Montrose	1	Angus	56 42	2 28W.	III	m.	10	14	Burgh Surveyor.
Montrose .. .. (*Sunnyside Asylum*)	1	Angus	56 44	2 27W.	III	—	30	—	The Medical Superintendent.
Morecambe	7	Lancashire ..	54 4	2 52W.	III H.	d.	10	16	The Chief Sanitary Inspector.
Morpeth (Cockle Park)	2	Northumberland	55 13	1 41W.	II C.W.	W,M.	30	30	Northumberland County Council.
Moretonhampstead ..	8	Devon	50 39	3 46W.	II	—	—	—	G. B. Davie, Esq.
Morvern (Adtornish) ..	6	Argyll	56 34	5 45W.	II	m.	20	—	A. Cameron, for O. H. Smith, Esq.

Station.	Dist.	County.	Lat.	Long.	Classification.	Publication.	Averages (number of years).		Authority.
			° N. ′	° ′			Temp.	Sunshine.	
Mount Batten (Aero.)									*See* Plymouth.
Mountmellick	10	Leix	53 7	7 20W.	III	m	21	—	W. A. Robinson, Esq.
Mursley	4	Buckingham ..	51 59	0 49W.	II	m.	—	—	Lady Beecham.
Nairn	1	Nairn	57 36	3 52W.	III H.	W,m.	20	24	The Town Clerk.
Newcastle	10	Wicklow ..	53 5	6 6W.	II	m.	22	—	The Medical Officer, National Hospital for [Consumption.
Newcastle (Hazelhatch, Peamount San.) ..	10	Dublin ..	53 19	6 28W.	III	m.	—	—	The Superintendent.
Newport (The Mall) ..	5	Isle of Wight ..	50 42	1 18W.	III	m.	—	—	Miss Morey.
Newport (Hospital) ..	8	Monmouth ..	51 35	3 0W.	III	m.	10	—	Medical Officer of Health.
Newport	4	Shropshire ..	52 47	2 22W.	III C.W.	m.	—	—	Harper Adams Agricultural College.
Newquay	8	Cornwall ..	50 25	5 4W.	III H.	M.	25	30	The Urban District Council. (C. C. Vigurs, B.A., M.D.).
Newton Abbot ..	8	Devonshire ..	50 33	3 38W.	III C.W.	m.	—	—	Seale Hayne Agricultural College.
Newton Rigg									*See* Penrith.
Newtownforbes (Castle Forbes Gdns.)	9	Longford ..	53 46	7 51W.	II	m.	19	—	James Boyle, for the Earl of Granard.
North Berwick (Gas Works) ..	1	E. Lothian ..	56 3	2 43W.	III H.	m.	—	—	Town Council.
Norwich									
,, (Southwell Lodge)	3	Norfolk ..	52 37	1 17E.	III	m.W¹.	28	20	J. H. Willis, Esq.
,, (Sprowston Church Farm)	3	Norfolk ..	52 40	1 20E.	III C.W.	m.	—	—	The Director, Norfolk Agricultural Station
Nottingham	4	Nottingham ..	52 56	1 9W.	III	W,M,W¹.	30	23	City Engineer.
Oban	6	Argyll	56 25	5 30W.	II H.	W,m.	—	25	Burgh Surveyor.
Onich	0	Inverness ..	56 43	5 13W.	III	—	—	—	Forestry Commission (Scotland).
Oundle (School) ..	4	Northampton	52 29	0 28W.	III	m.	27	15	The Headmaster.
Oxford (Radcliffe Meteorological Station) ..	4	Oxford ..	51 46	1 16W.	III	W.M.	30	30	The Professor of Geography.
Paignton	8	Devonshire ..	50 26	3 34W.	III H.	m.	16	21	Town Council. (C. Bellinger.)
Paisley (Coats Obsy.)	6	Renfrew ..	55 51	4 26W.	II A.	W¹,m,μ.	30	28	Observatory Committee. (J. Woodrow.)
Parkend	4	Gloucester ..	51 47	2 33W.	III C.W.	—	—	—	Forestry Commission.
Peebles	1	Peebles ..	55 39	3 12W.	III H.	m.	—	—	The Town Clerk.
Pendennis Castle ..									*See* Falmouth.
Penrith (Newton Rigg)	7	Cumberland ..	54 40	2 49W.	II C.W.	W, m.	30	30	The Cumberland County Council.
Penzance	8	Cornwall ..	50 7	5 32W.	III H.	d.	25	30	The Town Clerk.
Perth	1	Perth	56 24	3 27W.	III	W¹,m.	30	17	The Town Council (J. Ritchie.)
Phœnix Park ..									*See* Dublin.
Plymouth (The Hoe)	8	Devonshire ..	50 22	4 8W.	II A.	m,W¹,μ.	30	30	The Corporation. (The late H. Victor Prigg, A.M.I.C.E.)
,, (Mount Batten Aero.)	8	Devonshire ..	50 22	4 8W.	I	D.M.	10	10	Meteorological Officer.
Point of Ayre (Lighthouse)	6	Isle of Man ..	54 25	4 22W.	T	D,M	—	—	Lightkeeper (M.O.)
Poole (Holton Heath R.N. Cordite Factory)	8	Dorset ..	50 43	2 5W.	II	M.	10	11	The Superintendent.
Poole	8	Dorset ..	50 43	1 59W.	III H.	—	—	—	Medical Officer of Health.
Pontefract (King's School) ..	4	Yorkshire(W.R.)	53 42	1 19W.	III	m.	—	—	The Headmaster.
Portland Bill (Lighthouse) ..	8	Dorset ..	50 32	2 27W.	T.	D,M.	10	—	Lightkeeper (M.O.)
Porton (W.D. Experimental Stn.)	5	Wilts	51 7	1 42W.	II	m.	10	—	Meteorological Officer.
Portsmouth(Victoria Pk.)	5	Hampshire ..	50 48	1 6W.	III H.	d,W¹.	25	23	Medical Officer of Health.
Prestatyn	7	Flint	53 20	3 24W.	III H.	d.	—	—	Clerk to the U.D.C.
Prestwick	6	Ayr	55 30	4 37W.	III H.	—	—	—	Burgh Surveyor.
Princetown	8	Devonshire ..	50 33	3 59W.	III	m.	22	—	The Governor, H.M. Prison.
Quilty	10	Clare	52 50	9 28W.	A.	μ.	—	—	Chief Engineer, G.S.Ry., Dublin.
Ramsgate	5	Kent	51 20	1 25E.	III H.	d.	13	23	Borough Engineer.
Rathfarnham Castle ..	10	Dublin ..	53 18	6 17W.	III	m.	—	—	The Rev. Father the Rector.
Reading :—									
Shinfield									*See* Shinfield.
University	5	Berkshire ..	51 27	0 58W.	III	m.	27	—	Professor J. A. Crowther.
Redruth	8	Cornwall ..	50 14	5 14W.	III	m.	23	—	A. P. Jenkin, Esq., J.P.
Regent's Park ..									*See* London.
Renfrew (Abbotsinch Aero) ..	6	Renfrew ..	55 52	4 26W.	I	D,W,M,μ.	10	10	Meteorological Officer.
Rhayader	8	Radnor ..	52 18	3 31W.	III	W,M.	12	14	The late E. D. Prothero (M.O.).
Rhyl (Sewage Works)	7	Flint	53 19	3 29W.	III H.	d,m.	21	29	Medical Officer of Health.
Rickmansworth ..	3	Hertford ..	51 39	0 29W.	III	m.	—	—	E. L. Hawke, Esq., M.A.
Roade (Council School)	4	Northampton	52 9	0 53W.	III	m.	—	—	The Headmaster.
Roche's Point ..	10	Cork	51 47	8 15W.	T.	D,W,M.	10	—	Miss Roche (M.O.).
Ross-on-Wye	4	Hereford ..	51 55	2 35W.	T.	D,W,M.	10	16	F. J. Parsons, Mus.Bac. (M.O.).
Rothamsted									*See* Harpenden.
Rotherham	4	Yorkshire(W.R.)	53 25	1 19W.	III	—	—	—	L. Atkinson, Esq.
Rothesay	6	Bute	55 50	5 2W.	II	W,M.	30	17	Robert Finlay, Esq., and the Town Clerk.
Rowlands Gill (Chopwellwood) ..	2	Durham ..	54 55	1 47W.	III	m.	25	—	Forestry Commission.

Station.	Dist.	County.	Lat. N.	Long.	Classification.	Publication.	Averages (number of years). Temp.	Sunshine.	Authority.
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Rugby (School) ..	4	Warwick ..	52 22	1 15W.	III	m.	—	—	The Headmaster.
Ruthwell	6	Dumfries ..	55 0	3 26W.	II	m.	20	21	William Brown, for the Earl of Mansfield.
Ryde	5	Isle of Wight ..	50 44	1 10W.	III	m.	17	17	Borough Engineer and Surveyor.
St. Albans (Oaklands Inst.) ..	3	Hertford ..	51 46	0 18W.	III	m.	—	—	The Principal.
St. Andrews	1	Fife	56 20	2 47W.	III H.	m.	13	18	Burgh Surveyor.
St. Ann's Head (C. Guard Stn.) ..	8	Pembroke ..	51 41	5 11W.	T.	D,W,M.	10	30	Station Officer (M.O.).
St. Catherine's Point (C. Guard Stn.) ..	5	Isle of Wight ..	50 35	1 17W.	T.	—	—	—	Chief Coastguard Officer (M.O.).
St. Heliers									*See* Jersey.
St. Ives	8	Cornwall ..	50 14	5 51W.	III H.	d.	—	—	Borough Surveyor.
St. James's Park ..									*See* London.
St. Leonards (Gensing Gdns.) ..	5	Sussex ..	50 51	0 33E.	III.	—	25	30	The Town Clerk.
St. Mellion (Ellbridge Exp. Stn.)	8	Cornwall ..	50 27	4 15W.	III C.W.	—	—	—	The Horticultural Superintendent.
Salcombe	8	Devonshire ..	50 14	3 46W.	III	m.	29	27	Borough Surveyor.
Sandown (Sandham Gdns.) ..	5	Isle of Wight ..	50 39	1 9W.	III H.	m.	22	25	The Town Clerk.
Scarborough	2	Yorkshire(N.R.)	54 17	0 24W.	III H.	W,M.	25	30	Medical Officer of Health.
Scilly (C. Guard Stn.)	11	Cornwall ..	49 56	6 18W.	T.A.	D,W,M,μ.	10	30	Station Officer (M.O.).
Seaford	5	Sussex ..	50 46	0 7E.	III H.	—	—	—	The Surveyor.
Sealand (Aerodrome)	7	Flint	53 13	3 0W.	I	D,W,M,μ.	10	10	Meteorological Officer.
Seaton	8	Devon ..	50 42	3 4W.	III H.	—	—	—	U.D.C. (Lieut.-Col. H. Anderson-Neville.)
Seskin (Carrick-on-Suir)									*See* Carrick-on-Suir.
Settle (Giggleswick School)	4	Yorkshire(W.R.)	54 4	2 17W.	III	m.	25	20	The Headmaster.
Shaftesbury (C.E. School) ..	8	Dorset ..	51 1	2 12W.	III	m.	30	—	The Headmaster.
Sheffield (Weston Park)	4	Yorkshire(W.R.)	53 23	1 29W.	III	W^1,m.	30	30	The Corporation (E. Howarth, F.R.A.S.).
Shinfield (Univ. Farm.) ..	5	Berkshire ..	51 25	0 57W.	III	m.	10	—	Professor J. A. Crowther.
Shoeburyness (New Ranges)	3	Essex	51 32	0 49E.	I.	D,M,μ.	10	12	Officer-in-Charge.
Shrewsbury	4	Shropshire ..	52 43	2 43W.	III H.	M.	15	—	Medical Officer of Health.
Sidmouth	8	Devonshire ..	50 41	3 14W.	III H.	m.	30	—	The Borough Surveyor.
Silverton (Killerton) ..	8	Devonshire ..	50 48	3 27W.	III	m.	19	—	Rt. Hon. Sir F. D. Acland, Bart., P.C.
Skallary	0	Hebrides ..	56 58	7 26W.	III	m.	—	—	James Smith, Esq.
Skegness	2	Lincolnshire ..	53 9	0 21E.	III H.	d,m.	22	27	The Surveyor.
Southampton	5	Hampshire ..	50 55	1 24W.	II	W,M.	30	30	Director General of Ordnance Survey.
Southend	3	Essex	51 30	0 45E.	III H.	d.	20	25	The Corporation (Pier Master).
South Farnborough (R.A.E.)	5	Hampshire ..	51 17	0 45W.	I	D,M,μ.	10	17	Meteorological Officer.
South Kensington ..									*See* London.
Southport	7	Lancashire ..	53 39	2 59W.	II H.A.	d,W,M,μ.	30	30	The Corporation (J. Baxendell).
South Shields (South Pier Works)	2	Durham ..	55 0	1 26W.	A.	μ.	—	—	Tyne Improvement Commission.
Sparkhill									*See* Birmingham.
Sprowston									*See* Norwich.
Spurn Head(Lighthouse)	2	Yorkshire(E.R.)	53 35	0 7E.	T.A.	D,M,μ.	10	10	Lightkeeper (M.O.).
Stirling (Sauchie House)	6	Stirling ..	56 7	3 56W.	III	m.	13	13	The Town Council (John Fyfe).
Stonehaven	1	Kincardine ..	56 58	2 12W.	III H.	m.	—	—	The Town Council.
Stonyhurst (College) ..	7	Lancashire ..	53 51	2 28W.	II	W,M.	30	30	The Director.
Stornoway (C. Guard Lookout)	0	Hebrides ..	58 11	6 21W.	T.	D,W,M.	10	30	Station Officer (M.O.).
Stornoway (Matheson Road) ..	0	Hebrides ..	58 12	6 23W.	rainfall only	W,m.	—	—	Station Officer (M.O.).
Strachur (Glenbranter)	6	Argyll	56 8	5 3W.	III	m.	—	—	Forestry Commission (Scotland).
Stratford-on-Avon ..	4	Warwick ..	52 12	1 42W.	III	m.	—	—	A. W. Beecham, Esq.
Strathaven (Dungavel)	6	Lanark ..	55 37	4 8W.	III	m.	20	—	A. K. Foulis, for the Duke of Hamilton and Brandon.
Strelley	4	Nottingham ..	52 58	1 15W.	III	—	—	—	Miss M. Edge.
Stroud Green ..									*See* London.
Sutton Bonington ..	4	Nottingham ..	52 50	1 15W.	III C.W.	m.	—	—	The Midland Agricultural and Dairy [College.
Swanage	8	Dorset ..	50 37	1 57W.	III H.	—	—	—	The Clerk to the U.D.C.
Swansea (Victoria Park)	8	Glamorgan ..	51 37	3 55W.	III	m.	18	21	The Town Clerk.
Talybont (Lletty-evan-hen) ..	7	Cardigan ..	52 27	3 59W.	III C.W.	—	—	—	Professor R. G. Stapledon, M.A.
Tavistock	8	Devonshire ..	50 33	4 10W.	III	m.	19	—	W. J. Monk, Esq.
Tayport	1	Fife	56 27	2 53W.	III	—	—	—	Dundee Harbour Trust (J. Hannay Thomson).
Teignmouth (Den Gardens) ..	8	Devonshire ..	50 32	3 29W.	III H.	m.	22	25	Medical Officer of Health.
Tenby (The Priory) ..	8	Pembroke ..	51 40	4 42W.	III H.	—	—	30	The Town Clerk.
Terrington	3	Norfolk ..	52 45	0 18E.	III C.W.	m.	—	—	The Horticultural Superintendent.
Thetford (Lynford Nursery) ..	3	Norfolk ..	52 30	0 41E.	III C.W.	m.	—	—	Forestry Commission.
Thornhill	6	Dumfries ..	55 16	3 43W.	III	m.	—	—	C. L. Johnstone, Esq.
Thorntonhall	6	Lanark ..	55 46	4 15W.	III	m.	24	24	A. Henderson Bishop, Esq.
Tintagel	8	Cornwall ..	50 40	4 45W.	III H.	—	—	—	Trust Houses, Ltd.
Tiree	6	Argyll	56 32	6 55W.	T.A.	D,M,μ.	—	—	J. R. Morrison, M.A., B.Sc. (M.O.).
Torquay	8	Devonshire ..	50 28	3 31W.	III H.	d,m.	25	30	The Corporation (C. Bellinger).
Totland Bay (Aston House) ..	5	Isle of Wight ..	50 41	1 33W.	III H.	m.	30	29	Totland Bay Hotel and Pier Co., Ltd.
Tottenham									*See* London. (J. Dover, M.A.).
Troon	6	Ayr	55 32	4 40W.	III H.	d,m.	—	—	The Town Council (M. S. Brodie, C.E.).
Tunbridge Wells (Calverley Park) ..	5	Kent	51 8	0 16E.	III H.	d,M.	25	30	Medical Officer of Health.

Station.	Dist.	County.	Lat. N.	Long.	Classification.	Publication.	Averages (number of years). Temp.	Sunshine.	Authority.
			° ′	° ′					
Turnberry (Hotel) ..	6	Ayr	55 19	4 50W.	III H.	m.	17	21	Resident Manager.
Tynemouth (C. Guard Stn.) ..	2	Northumberland	55 1	1 25W.	T.	D,M,W¹.	10	—	Station Officer (M.O.).
Tynemouth	2	Northumberland	55 1	1 25W.	Sunshine only	d.	—	—	Entertainments and Publicity Officer.
Upper Heyford (Aerodrome) ..	4	Oxford.. ..	51 56	1 15W.	I	D.	—	—	Meteorological Officer.
Ushaw (College) ..	2	Durham ..	54 47	1 39W.	III	m.	30	—	The Headmaster.
Usk	8	Monmouth ..	51 42	2 55W.	III	m.	—	—	Monmouthshire Agricultural Institution.
Valentia Observatory	10	Kerry	51 56	10 15W.	I	D,W,M,O,μ.	30	30	The Superintendent.
Ventnor (R. Nat. Hospital)	5	Isle of Wight ..	50 36	1 13W.	II	M.	30	30	The Matron.
Ventnor (Park) ..	5	Isle of Wight ..	50 36	1 13W.	III H.	—	—	—	The Engineer and Surveyor to the U.D.C.
Wakefield	4	Yorkshire (W.R.)	53 40	1 30W.	III	m.	25	15	Waterworks Engineer.
Wallasey (Harrison Park) ..	7	Cheshire ..	53 26	3 3W.	III H.	d.	—	—	Medical Officer of Health.
Walton-on-Naze ..	3	Essex	51 51	1 16E.	III H.	—	13	15	Clerk to the Frinton and Walton U.D.C.
Warfield	5	Berkshire ..	51 27	0 44W.	III	m.	—	—	Imperial Chemical Industries, Ltd.
Waterford (Gortmore)	10	Waterford ..	52 16	7 7W.	III	W,m.	28	—	Mrs. N. H. White.
Weaver Point	10	Cork	51 48	8 17W.	A.	μ.	—	—	Cork Harbour Commissioners.
Welshpool (County School) ..	7	Montgomery ..	52 39	3 8W.	III	m.	19	—	The Headmaster.
West Kirby	7	Cheshire ..	53 23	3 11W.	III	m.	—	—	The Rev. Eric F. Robson.
West Linton	1	Peebles ..	55 45	3 21W.	III	m.	23	—	Dr. R. Graham Yooll.
Westminster :— St. James's Park .. Training College ..									} *See* London.
Weston-super-Mare ..	8	Somerset ..	51 21	2 59W.	III H.	—	—	25	The Town Clerk.
Weymouth (Westham)	8	Dorset ..	50 36	2 27W.	III H.	d.	25	30	Borough Electrical Engineer.
Whitworth Park ..									*See* Manchester.
Wick (C. Guard Stn.)	0	Caithness ..	58 26	3 5W.	T.	D, M.	10	—	Station Officer (M.O.).
Wisley									*See* Byfleet.
Withernsea	2	Yorkshire (E.R.)	53 44	0 2E.	III H.	—	—	—	The Surveyor to the Council.
Woburn	3	Bedford ..	52 1	0 35W.	III C.W.	m.	30	30	Lawes Agricultural Trust.
Wolfelee									*See* Hawick.
Woolacombe	8	Devonshire ..	51 10	4 12W.	III	m.	30	—	Miss Chichester.
Worcester (Perdiswell)	4	Worcester ..	52 13	2 13W.	III C.W.	m.	—	—	The Agricultural Organizer.
Worksop (Hodsock) ..	4	Nottingham ..	53 22	1 5W.	III	m.	30	—	Edward Dixon, Esq.
Worthing	5	Sussex.. ..	50 49	0 22W.	III H.	d.	25	30	Medical Officer of Health.
Wye (Agric. College) ..	5	Kent	51 11	0 57E.	III C.W.	m.	—	—	South Eastern Agricultural College.
Yarmouth	3	Norfolk ..	52 37	1 43E.	†	*	10	23	Medical Officer of Health.
York (Bootham School)	2	Yorkshire (N.R.)	53 57	1 5W.	†	W,M,W¹.	—	30	The Science Master.
,, (Museum) ..	2	Yorkshire (N.R.)	53 57	1 5W.	II	W,M,W¹.	30	—	The Yorkshire Philosophical Society (Dr. W. L. Collinge, F.L.S.).

* With the exception of sunshine values the data published for Yarmouth in the Daily Weather Report and in the climatological summaries now refer to Gorleston. † Sunshine only.

Monthly Weather Report, 1935—Table III.—Corrections and Additions

Month	Page	Station	Terminal Hours	Height	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	Difference from Average	Most in a day: Amount	Most in a day: Date	Weather, Number of Days: Precipitation 0·2 mm. or more	Precipitation 1 mm. or more	Snow	Snow lying (morning obs.)	Hail	Thunderstorm	Fog (morning obs.)	Ground Frost	Gale (Force 8 or more)	Bright Sunshine: Daily Mean	Difference from Average	Percentage of Possible Duration
				Ft.	°F.	°F.	°F.	°F.	°F.		°F		°F.	°F.	in.	mm.	mm.	mm.										hr.	hr.	%
January	6	Yarmouth ...	...	...	...	...	...	...	...	...	...	...	...	47·6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„	6	Clacton ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	(11)	...	...	...	...
„	6	Halstead ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	...	...	...	6	...	...	...	...	...
February	20	Yarmouth ...	...	...	...	...	...	...	...	...	...	...	...	45·5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„	20	Meltham ...	...	...	...	...	...	...	...	...	...	...	...	...	7·36	187	+91	...	...	...	17	...	...	...	...	...	...	...	...	...
„	23	Plymouth Hoe ...	...	...	...	...	...	...	...	...	...	...	...	...	3·45	88	+13	...	...	...	...	...	...	...	...	...	...	...	...	...
March	34	Norwich	...	...	...	...	...	...	...	...	...	...	...	...	0·57	15	...	...	...	10	...	...	...	...	...	...	...	...	...	...
„	34	Yarmouth ...	...	...	...	...	...	...	...	...	...	...	...	45·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„	34	Luton	...	...	...	...	...	...	...	...	...	...	...	...	0·45	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
April	47	Tiree	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	2	...	...	...	...	...	...	...
„	48	Yarmouth ...	...	...	...	...	...	...	...	...	...	...	...	47·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„	49	Malvern	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	15	...	...	...	...	...	...	...	...	...	...	...
„	49	Southampton ...	...	...	...	41·6	48·0	+0·2	...	...	31	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
May	62	Yarmouth ...	...	...	...	...	...	...	...	...	...	...	...	50·6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„	62	Shoeburyness ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	− 5	...	...	...	...	...	...	...	...	...	...	...	...	...
„	63	Cirencester ...	...	...	58·4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„	63	Southampton ...	...	...	...	44·8	52·9	−2·0	...	...	35	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„	64	Ryde	...	...	...	...	...	−2·0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„	64	Manchester (Barton)	...	...	...	40·8	50·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
June	76	Yarmouth ...	...	...	...	...	...	...	...	...	...	...	...	54·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„	76	Chelmsford ...	...	...	...	53·1	61·0	+3·5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„	76	Shoeburyness ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 1	...	...	...	...	...	...	...	...	...	...	...	...	...
„	77	Southampton ...	...	...	...	53·6	59·9	+0·8	...	...	45	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„	78	Aberystwyth ...	...	...	63·5	...	58·1	+1·7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
July	90	Ampleforth ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7·83	—	47
„	90	Yarmouth ...	...	...	...	...	...	...	...	...	...	...	...	59·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„	90	Shoeburyness ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	−36	...	...	...	...	...	...	...	...	...	...	...	...	...
„	91	Southampton ...	...	...	...	56·4	65·5	+2·8	...	...	49	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„	92	Larkhill	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11	...	...	...	...	...	...	...	...	...	...	...
„	92	Colwyn Bay ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	−48	...	...	...	...	...	...	...	...	...	...	...	...	...
„	93	Paignton ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	56
August	104	Cambridge (UF)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	30	...	...	...	...	...	...	...	...	...	...	...
„	104	Chelmsford ...	...	...	...	...	...	...	...	...	...	...	...	...	1·79	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„	104	Earl's Colne ...	...	...	...	...	...	...	...	...	...	...	...	...	1·09	28	...	15	30	...	6	...	...	...	...	...	...	...	...	...
„	104	Shoeburyness ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+14	...	...	...	...	...	...	...	...	...	...	...	...	...
„	105	Biggin Hill ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6·53	+0·12	45
„	105	Hastings ...	...	...	...	...	...	...	...	...	...	...	...	...	5·15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„	105	Southampton ...	...	...	...	54·4	63·3	+1·4	...	...	43	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„	106	Usk	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	30	...	...	...	...	...	...	...	...	...	...	...
„	107	Paignton ...	...	...	...	...	...	+0·8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
September	118	Shoeburyness ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+21	...	...	...	...	...	...	...	...	...	...	...	...	...
„	120	Usk	...	...	...	...	...	...	...	...	...	...	...	...	5·23	133	...	...	21	23	19	...	...	...	...	...	...	...	...	...
„	121	Balbriggan ...	...	...	59·6	47·1	53·3	−1·6	67	8	39	25	56·0	57·9	4·16	106	+54	16	1	24	17	0	0	0	0	0	0	—	—	—
October	132	Shoeburyness ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	...	...	...
„	134	Amesbury ...	...	...	...	...	...	...	...	...	...	...	...	...	...	120	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„	134	Hutton	...	...	...	...	...	...	...	...	...	...	...	...	6·65	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„	134	Aberystwyth P.B.S.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	...	...	...
„	135	The Lizard ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...
„	135	Balbriggan ...	...	...	54·9	43·2	49·1	−0·7	62	15	33	21	50·4	54·0	2·52	64	− 7	10	31	23	15	0	0	0	0	0	2	—	—	—
„	135	Glasnevin ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	−11	...	...	...	...	...	...	...	...	...	...	...	...	...
„	135	Scilly	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...
November	146	Shoeburyness ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+29	...	...	...	...	...	...	...	...	...	0	...	...	...
„	147	Mayfield	...	...	...	...	...	...	...	...	...	14, 24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„	147	Malvern	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	14	...	...	...	...	...	...	...	...	...	...	...
„	147	Enfield	...	...	...	...	...	...	...	...	...	...	...	...	3·77	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„	147	Westminster ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+37	...	...	...	...	...	...	...	...	...	...	...	...	...
„	147	Croydon	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	−0·42	...
„	149	The Lizard ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	...	...
„	149	Balbriggan ...	...	...	47·2	36·6	41·9	−2·0	57	3	31	24	43·5	48·4	5·30	135	+63	27	20	20	13	0	0	0	0	0	5	—	...	...
December	160	Nottingham ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+16	...	...	...	...	...	...	...	...	...	...	...	...	...
„	161	Brighton ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+23	...	...	...	...	...	...	...	...	...	...	...	...	...
„	162	Aberystwyth ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+0·71	...
„	163	The Lizard ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...
„	163	Balbriggan ...	...	...	43·0	33·5	38·3	−3·0	49	31	24	23	38·0	43·8	2·50	63	−10	10	30	20	14	1	0	1	0	0	17	—	...	...
„	163	Scilly	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	...	...	...
Year	175	Meltham ...	...	...	...	...	...	...	...	...	...	...	...	...	56·15	1426	+294	...	...	...	173	...	...	...	...	...	...	...	...	...
„	177	Hutton	...	...	...	...	...	...	...	...	...	...	...	50·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Oban	Delete all values "Difference from Average" of Temperature																											

For the following stations the height of gauge above M.S.L. should be :—Helensburgh 293 ft., Cambridge U. Farm 78 ft., Aberystwyth 12 ft., Stonehaven 12 ft.

Monthly Weather Report, 1935—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: Diff. from Average.	Temperature and Humidity: Dry Bulb	Temperature and Humidity: Depn. 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	4 to 7	1 to 3	Calm.	Direction: N	NE	E	SE	S	SW	W	NW
				ft	mb.	mb.	°F.	°F	mb.	%																												
January	13	Portland Bill ...	7	...	...	+ 9·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,,	13	Malin Head ...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7	...	...	...	...	...	...	0
,,	13	Donaghadee ...	7	...	...	+ 11·8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
February	24	Aberdeen ...	7	...	...	...	...	...	...	...	...	1	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,,	24	,, ...	13	...	...	...	...	...	...	...	...	0	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,,	24	,, ...	18	...	...	...	...	...	...	...	...	0	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,,	24	,, ...	21	...	...	...	...	...	...	...	...	5	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,,	25	Rothamsted ...	9	...	1006·8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,,	25	Wisley ...	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	...
,,	26	St. Ann's Head	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	16	9	0	2	3	1	1	1	5	11	4
,,	26	,,	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	20	7	1	1	4	0	0	1	6	12	3
,,	26	,,	13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	19	7	1	0	3	2	0	1	7	12	2
,,	26	,,	18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	19	6	2	1	4	1	0	2	5	12	1
,,	27	Portland Bill ...	7	...	...	− 6·8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,,	27	Donaghadee ...	7	...	...	− 10·4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
July	94	Eskdalemuir ...	h	...	1017·9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,,	95	Birmingham ...	7	...	...	...	...	...	...	...	...	...	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4
,,	97	Gibraltar ...	13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	...	...	...	...	...	...
August	108	Douglas ...	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,,	110	Southampton ...	9*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,,	110	,, ...	21*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
September	122	Tynemouth ...	13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	...	...	...
,,	123	Cranwell ...	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	18	...	...	...	...	...	...	...
,,	123	Shrewsbury ...	9	...	...	...	...	...	...	...	...	...	...	...	...	12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
,,	124	Manchester (Whitworth Pk.)	21		(1009·0)		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8	13
,,	125	Scilly	13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
October	137	Scarborough ...	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	...	...	...	...	...	...	...
,,	139	Cardiff ...	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	...	...	...	...	...	...	...
,,	139	Portland Bill ...	7	...	...	...	...	...	...	...	...	...	...	...	...	12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
November	152	Stonyhurst ...	21	...	1003·5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
December	166	Southport ...	21	...	...	...	...	...	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

* Hours only transferred, observations printed on correct lines.

For the following stations the height of barometer above M.S.L. should be: Boscombe Down 420 ft., Southport 42 ft. (January to April), 37 ft. from May.

Monthly Weather Report, 1935—Table II. Corrections and Additions

District and Station.		Distribution of Wind.								Extreme Velocities.						
		More than 38 m.p.h.		25 to 38 m.p.h.		13 to 24 m.p.h.	4 to 12 m.p.h.	Less than 4 m.p.h.	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.
			hr.		hr.	hr.	hr.	hr.	hr.	°	m.p.h.	m/s.	day hr.	m.p.h.	m/s.	d. h. m.
0. Scotland N. Lerwick	January	Jan. 10, 11, 22–26	63	22	195	281	185	20	0	290	56	25	23 08	83	37	23 07 25 24 21 35
1. Scotland E. Aberdeen	February	...	...	...	...	...	...	...	...	...	...	...	...	69	31	2 12 00
5. England S.E. Croydon	February	...	...	...	100	...	...	...	...	...	...	...	...	...	...	...
6a. Scotland W. Tiree	March	...	...	...	...	416	243	...	0	...	...	...	...	...	...	...
7a. England N.W. Manchester	April	...	...	...	...	302	270	...	2	...	...	...	...	...	...	...
3. England E. Gorleston	September	...	...	...	...	...	...	...	...	...	...	...	...	...	29	...
4. Midland Counties. Birmingham	September	...	...	...	...	...	...	...	...	...	...	...	...	62	28	17 01 55
10. Ireland S. Valentia Obs.	September	Sept. 16	1	7	62	...	...	...	...	...	39	...	...	...	...	...
0. Scotland N. Lerwick	October	...	...	...	...	...	...	...	...	...	49	...	...	...	...	...
9. Ireland N. Aldergrove	October	...	...	...	...	...	...	...	...	...	...	...	...	67	30	19 03 20
11. Scilly Isles. St. Mary's	November	Nov. 30	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Monthly Weather Report, 1935—Corrections and Additions

January, p. 2. Table I, 3. England E. Earth temp. at 4 ft. diff. from average should be ... ... +2·4

February, p. 16. „ 3. „ „ „ „ „ „ ... ... +1·3

Year, p. 198. Table XVI. Manchester. Last three columns should be: 17 39 1·6

Year, p. 190. Table X. Plymouth. Anemograph in action from 1898.

S.O. Code No. 40-69-0-35

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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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JANUARY, 1935.—Dry in most districts; mild on the whole.

The weather of the month was distinguished by a marked deficiency of rainfall except in east and north-east England and at some places in the west and north of Scotland.

With pressure high southward of the British Isles and a small trough of low pressure moving eastward across the country, the first few days were unusually mild. Between the 3rd and 4th a depression moved from the north of Iceland to Norway and, in its rear, high pressure was established from south-westward of Ireland to Iceland. This distribution caused rather cold, northerly winds over the British Isles. Meanwhile the depression over Norway moved south and became less deep and, subsequently, an extension of the Russian anticyclone spread westward to Scotland and then moved south over England and France. Cold continental air caused a further drop in temperature until the 9th and some wintry precipitation occurred between the 6th and 9th. With the approach of an Icelandic depression temperature rose generally on the 10th, and between the 10th and 12th another deep depression moved rapidly eastward from the Atlantic to southern Norway, causing widespread gales and heavy rain locally.

Thereafter the Azores anticyclone moved north-east and dominated conditions over the British Isles from the 14th to 22nd. Its movements were rather complex, the centre being found over southern England on the 16th, over Scotland from the 17th–20th and finally off west Ireland on the 22nd. Between the 24th and 26th a very deep depression moved from the west of Iceland to the Baltic, causing widespread westerly gales veering to north. The polar winds behind this depression caused a decided fall of temperature and were accompanied by hail, snow and sleet, particularly in northern and eastern districts. On the 28th and 30th, shallow troughs of low pressure crossed the country, while pressure continued high south-westward of the British Isles.

Pressure and Wind.—Mean pressure markedly exceeded the normal in all districts, the excess being generally greatest in the western half of the country and varying at 7h. from 15·0 mb. at Valentia to 6·6 mb. at Yarmouth. The observer at Newquay states, that the mean pressure was the highest in January since 1907. Westerly or northerly winds predominated and those from between east and south were infrequent. Widespread gales occurred from the 10th–12th and 24th–26th. Those during the latter period were severe and caused some damage locally: on the 25th, gusts exceeding 80 m.p.h. were registered at numerous stations, while one of 100 m.p.h. was recorded at Butt of Lewis.

Temperature.—Mean temperature exceeded the average over the country as a whole, the excess for districts 1–10 being 0·4°F. Northern districts were most affected and the deviation from the average varied from +1·8°F. in Scotland, E. to −0·1°F. in the Channel Islands. (See Table I.) The first three days were exceptionally mild but temperature was also rather high around the 14th and 24th. The coldest periods were experienced as a rule from the 7th–9th and 26th–29th. Maxima of 55°F. or above were registered locally in most districts on one or other of the first three days and 58°F. was touched at Arbroath and Sidmouth on the 2nd. Minima of 20°F. or below were registered at a number of stations in Scotland on the 28th and in England on the 9th and 28th.

The extremes for the month were:—(England and Wales) 58°F. at Sidmouth on the 2nd, 14°F. at Castleton on the 9th; (Scotland) 58°F. at Arbroath on the 2nd, 16°F. at Dalwhinnie and West Linton on the 28th; (Ireland) 56°F. at Mallarany on the 1st and 23°F. at Birr Castle on the 8th.

Precipitation.—The general precipitation of the British Isles expressed as a percentage of the normal for the period 1881–1915 was 65, the values for the constituent countries being, England and Wales 65, Scotland 81 and Ireland 45.

Rainfall exceeded the average in east and north-east England and at some places in the west and north of Scotland. The excess amounted to more than 50 per cent. locally in Sutherland and the North Riding of Yorkshire and approached 50 per cent. locally in eastern England. Elsewhere there was a deficiency which was most striking in the extreme south of Ireland, south-west England and locally in Perthshire. Less than 30 per cent. of the normal was recorded at many places in south and south-west England and south Ireland and less than 20 per cent. locally near the south coast of Ireland. At Valentia Observatory, it was the driest January since records were started in 1866, at Teignmouth it was the driest since 1896, at Eastbourne since 1901 and at Malvern since 1902.

Among the heaviest falls in 24 hours were, 61 mm. at Clunes and 37 mm. at Inverness on the 10th, 36 mm. at Dolgelley on the 24th and 63 mm. at Glenquoich, 50 mm. at Achnashellach, 41 mm. at Ardtornish, 38 mm. at Glenbranter and 36 mm. at Dunoon on the 31st.

Thunderstorms occurred locally on the 4th, 7th, 11th, 24th–26th and on the 31st. Local snow or sleet occurred between the 7th and 9th, 11th and 13th, and 25th and 28th. In Scotland, snow was lying over the greater part of the country from the 25th–28th and in eastern districts of England from the 27th–29th or 30th. On the 27th, the depth was nearly 9 inches at Durham and between 4 and 5 inches as far south as Hampstead (London).

Sunshine.—Sunshine was generally deficient in Ireland and northern Scotland and excessive in southern Scotland. In England totals were very variable, but the district values slightly exceeded the average except in England, S.W. and the Channel Islands. In England, N.W. the excess was appreciable (115 per cent. of the average). The lack of sunshine was very marked in Ireland, N. (62 per cent.) and the greatest excess was enjoyed in Scotland, W. (146 per cent.). Among the sunniest days may be mentioned the 4th, 12th, 18th, 26th, 27th, 29th and 31st.

Fog.—Local fog occurred fairly frequently, notably from the 1st–3rd, 10th, 28th–30th and during the mainly anticyclonic spells from the 8th–9th and 15th–18th. It was rather widespread and thick locally on the 8th, 9th, 15th–17th and 29th–30th.

Miscellaneous Phenomena.—The aurora was observed in northern districts of Scotland on the 1st, 21st, 23rd, 27th and 28th, and at Stonyhurst on the 27th. At Oxford, solar halos were noted on 9 days and the zodiacal light on the 27th. A sun pillar was observed at Linlithgow on the 8th and at Edgbaston on the 30th.

METEOROLOGICAL OFFICE, AIR MINISTRY: G. C. SIMPSON, C.B., D.Sc., F.R.S., Director. South Kensington, S.W.7., 23*rd February*, 1935.

40/9999.

TABLE I.—DISTRICT VALUES.— JANUARY, 1935 [1908, revised 1928.]

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	16	+1·6	-	-	92	+1	75	10
Eastern.									
1. SCOTLAND, E.	58	16	+1·8	-	-	89	-4	99	19
2. ENGLAND, N.E.	58	14	+1·0	+1·6	+2·2	118	+1	102	18
3. ENGLAND, E.	54	15	+0·8	+2·2	+1·4	131	-2	105	20
4. MIDLAND COUNTIES ..	56	22	+0·7	+1·9	+2·4	45	-4	106	19
5. ENGLAND, S.E.	55	21	+0·5	+1·7	+2·8	54	-5	103	21
Western.									
6. SCOTLAND, W. (*and I. of Man*)	55	19	+0·8	+1·9	+2·5	81	-5	146	21
7. ENGLAND, N.W. (*and N. Wales*)	56	21	+0·5	+2·0	+2·3	88	-4	115	19
8. ENGLAND, S.W. (*and S. Wales*)	58	20	+0·1	+1·1	+2·3	38	-6	97	19
9. IRELAND, N...	56	25	+1·1	+2·5	+2·3	85	-4	62	10
10. IRELAND, S. ..	55	23	+0·2	+1·9	+2·2	31	-8	84	16
11. CHANNEL I. (*and Scilly*)	55	32	-0·1	+0·2	+1·7	35	-7	92	22
Mean : DISTRICTS 1—10	58	14	+0·7	+1·9	+2·3	88	-4	102	18

TABLE II.—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND.— JANUARY, 1935 [1914.]

DISTRICT AND STATION.	Height.			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.
					hr.		hr.	hr.	hr.	hr.	hr.	°	mi/hr.	m/s.	day. hr.	mi/hr.	m/s.	d. h. m.
0. SCOTLAND, N.	ft.	ft.	ft.															
Shetland. ‡Lerwick	310	53	39					No record										
Orkney. Kirkwall	170	40	35	11, 23, 26	10	14	129	381	187	37	0	190	42	19	11 08	78	35	26 03 45
Hebrides. Stornoway*	170	40	35	3, 4, 10, 11, 22-26, 31	85	25	255	260	127	17	0	360	60	27	25 21	100	45	25 04 15
1. SCOTLAND, E.																		
Aberdeen. Aberdeen	70	42	32	-	0	6	12	281	380	71	0	270	30	14	24 24	70	31	25 00 40
Kincardine. Balmakewan ..	140	25	20	-	0	4	9	116	335	(284)	0	290	30	13	24 23	68	30	25 22 00
Angus. Bell Rock Lighthouse	130	—	126	10, 11, 24-27	38	18	181	323	188	14	0	340	59	28	25 23	89	40	25 22 35
Edinburgh. Edinburgh	485	39	23	-	0	6	35	299	297	113	0	270	38	17	24 01 } 24 01 }	64	29	24 22 55
6a. SCOTLAND, W.																		
Argyll. Tiree	75	50	42	10, 11, 24-26	38	16	127	{300}	(223)	(56)	0	340	48	21	25 24	82	37	25 03 50
Renfrew. Paisley	188	81	31	-	0	1	5	143	377	219	0	180	30	13	11 07	72	32	11 10 30
Renfrew. Abbotsinch ..	65	46	33	-	0	9	42	190	277	235	0	190	36	16	11 10	86	29	11 06 50
Dumfries. Eskdalemuir ..	825	50	35	11, 25, 26	7	12	89	152	291	205	0	210	45	20	11 11	71	32	25 23 20
2. ENGLAND, N.E.																		25) 23 50)
Durham. South Shields ..	62	46	33	26, 27	13	10	64	346	(280)	41	0	340	54	24	26 01	87	39	26) 00 05)
Yorks., N.R. Catterick	220	45	33	-	0	4	25	174	396	149	0	250	36	16	25 01	73	33	25 00 40
Yorks., E.R. Spurn Head ..	64	42	34	26	5	7	52	148	111	308	120	10	41	18	26 12	77	34	26 15 35
Lincoln. Cranwell	284	43	33	26	1	6	42	198	399	104	0	310	40	18	26 03	69	31	26 02 00
3. ENGLAND, E.																		
Norfolk. Gorleston	52	42	34	-	0	8	34	306	(368)	36	0	190	37	17	11 19	56	25	11 19 10
Suffolk. Felixstowe Aero. ..	65	50	40	-	0	3	23	250	(421)	(50)	0	210	36	16	11 18	71	32	25 15 45
Bedford. Cardington ..	285	150	135	11, 26	4	8	89	291	324	56	0	310	42	19	28 04	88	30	11 17 25
Essex. Shoeburyness ..	115	104	89	11	1	8	45	354	317	27	0	210	40	18	11 19	63	26	26 04 50
4. MIDLAND COUNTIES.																		25) 04 50)
Warwick. Birmingham ..	643	118	73	-	0	5	24	248	422	52	0	320	35	16	26 03	62	26	26) 02 25)
5. ENGLAND, S.E.																		
London. South Kensington ..	137	110	30	-	0	1	1	93	574	76	0	340	27	12	4 14	58	26	26 04 55
Surrey. Kew Observatory ..	92	75	50	-	0	2	5	132	474	133	0	350	27	12	26 15	61	27	26 05 00
Surrey. Croydon	313	105	70	-	0	4	29	216	401	98	0	250	34	15	25 10	62	28	25 09 45
Kent. Dover	61	32	60	-	0	5	22	281	378	83	0	-	32	14	11 17	56	25	26 04 30
Kent. Lympne	418	76	48	-	0	5	59	247	393	45	0	350	37	17	28 14	85	29	26 05 05
Hampshire. Calshot	58	50	42	11	1	6	86	241	379	57	0	200	43	19	11 17	59	26	11 16 25
Wiltshire. Boscombe Down ..	462	45	33	-	0	4	32	152	436	124	0	270	36	16	25 09	59	26	25 09 55
Wiltshire. Larkhill	491	51	36	-	0	4	47	176	386	133	0	10	37	17	26 17	60	27	26 11 30
7a. ENGLAND, N.W.																		
Lancashire. Fleetwood	112	50	31	12, 25, 26	26	15	141	280	232	85	0	310	51	23	25 10	70	31	25 11 15
Lancashire. Manchester (Barton)	153	83	80	25	3	10	81	224	332	104	0	290	45	20	25 05	74	33	25 10 55
Lancashire. Southport	60	42	33	12, 25, 26	17	12	118	227	334	46	0	280	45	20	25 12	71	32	25 15 30
Cheshire. Bidston Obs'y. ..	262	64	39	12, 25, 26	23	12	130	234	293	64	0	300	47	21	25 12	87	39	25 14 56
7b. NORTH WALES.																		
Anglesey. Holyhead	68	43	38	11, 12, 25, 26	32	15	137	246	254	75	0	320 / 280 / 330	49	22	25 / 23 / 26 01	82	37	25 10 35
Flint. Sealand	81	65	42	26	3	10	88	201	333	139	0	290	43	19	26 02	89	31	25 16 10
8a. SOUTH WALES.																		
Pembroke. St. Ann's Head ..	212	70		-	-	-	-	-	-	-	-	-	-	-	- -	-	-	- - -
8b. ENGLAND, S.W.																		
Devon. Plymouth	185	88	65	11	2	3	36	199	367	140	0	-	44	20	11 15	67	30	26 06 05
Cornwall. The Lizard	315	75	60	11, 25, 26	45	13	125	257	241	76	0	290	51	23	25 21	84	38	25 16 15
Cornwall. Pendennis Castle ..	256	65	42	11, 25	7	11	80	263	267	127	0	240	48	21	11 14	75	33	25 21 40
9. IRELAND, N.																		
Donegal. Dunfanaghy Road	180	47	30	10, 11, 24, 25	22	13	119	192	210	201	0	-	50	22	24 20	79	35	25 08 40
Antrim. Aldergrove	282	40	20	25	1	5	29	162	351	201	0	320	40	18	25 23	77	34	25 23 00
10. IRELAND, S.																		
Dublin. Kingstown (Cup Anr.)	49	27	27	11, 24, 25	10	14	143	323	217	51	0	280	43	19	25 03	-	-	- - -
Clare. Quilty	100	40	32	25	15	8	86	249	290	124	0	-	49	22	25 15	85	38	25 14 59
Kerry. Valentia Observatory	98	41	33	11, 25	7	9	76	205	333	121	0	330	41	18	25 19	82	37	25 14 08
Cork. Cork	132	71	40	-	0	1	3	102	370	269	0	-	28	13	11 10	59	26	25 10 30
11. SCILLY ISLES.																		
St. Mary's	230	65	57	11, 12, 25, 26	47	16	180	309	184	44	0	310) 340)	50	22	25) 18) 26) 03)	79	35	25 16 50

‡‡ Brackets ( ) indicate that the distribution as between winds above and below 4 m.p.h. is doubtful, but the total number of hours with winds below 12 m.p.h. is reliable.

‡ Data inaccurate prior to October, 1929 (*see* 1933 Annual Summary, Wind Section).

* **Values are for Butt of Lewis.**

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

The dotted lines indicate the normal distribution of pressure in January, based on 35 years' observations, 1881–1915.

1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029

1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018

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

24 18 14 25 11 12 1 4 13 14 5 6 7

SCALE 1:25,000,000.

Positions of centres are shown 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. 45° 43° 41° 39°

42° 46° 43° 44° 45° 44° 47° 42° 44° 42° 47° 46° 45° 49° 48° 42° 43° 44° 45° 48°

Sea temperatures are shewn in large figures, thus: 46°

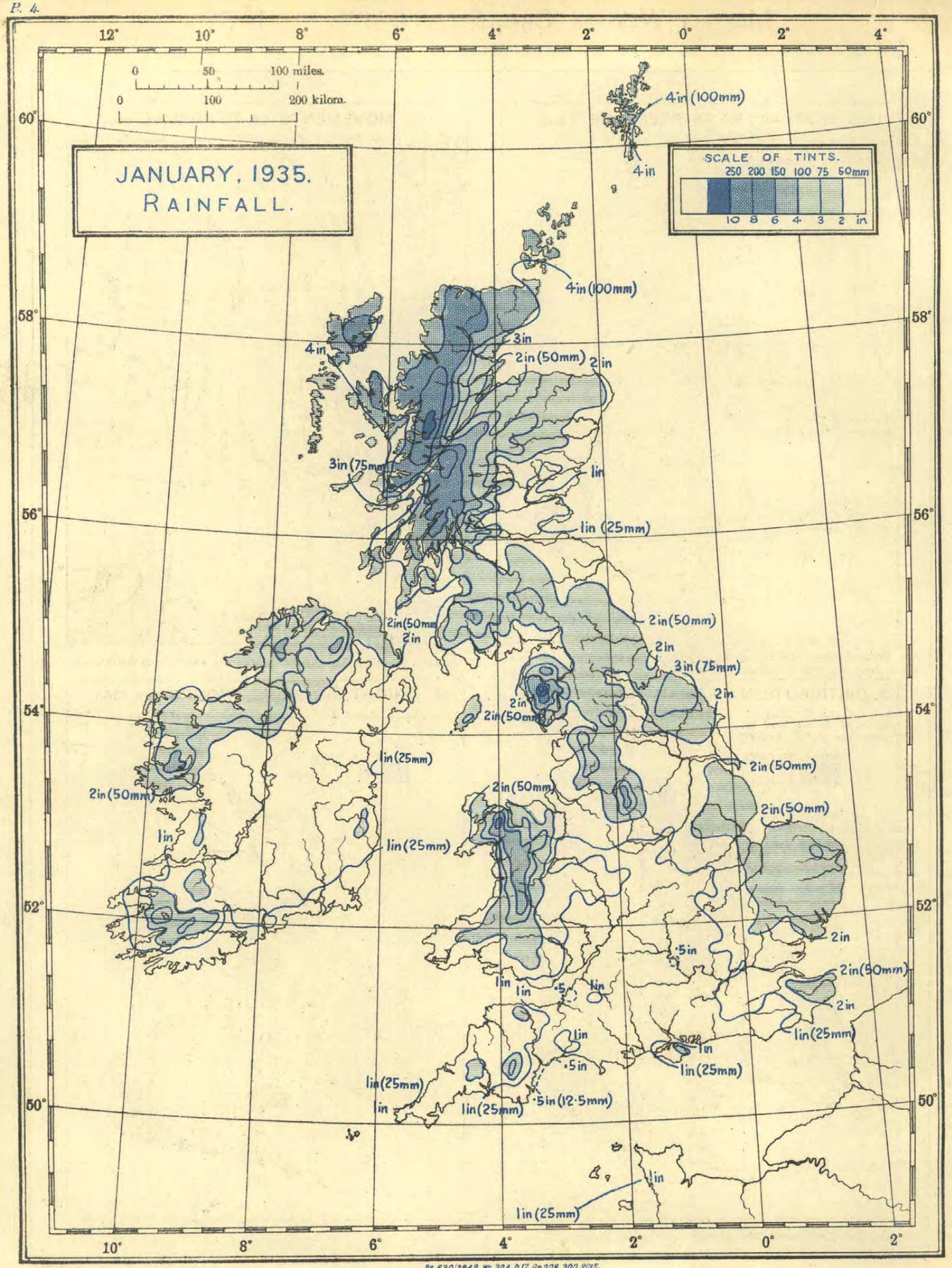
4. BRIGHT SUNSHINE, HOURS PER DAY.

SCALE OF TINTS. Hrs. 2·5 2·0 1·5 1·0 0·5

0·5 0·5 1·0 1·5 2·0 1·5 1·0 1·5 2·0 1·5 2·5 2·5 2·0

H.M.Stationery Office Press Kingsway W.C.2.

*The pressure is expressed in millibars.



Ps. 630/2848. Wt. 304. D.17. Gp.908. 300. 2/35.

Scale 1 : 5,000,000.

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

TABLE III.—SUMMARY of the RECORDS of TEMPERATURE, RAINFALL and SUNSHINE, and of WEATHER OBSERVATIONS, JANUARY, 1935

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.		Difference from Average.	Most in a day. Amount.	Date.	WEATHER. Number of days. Precip'n. 0·2 mm. or more.	1 mm. or more.	Snow.	Snow lying.	Hail.	Thunderstorm.	Fog (Morn'g Obs.)	Ground Frost.	Gale.	BRIGHT SUNSHINE. Hours per day. Daily Mean.	Difference from Average.	Per Cent.
		G.M.T.	ft.	°F.	°F.	°F.	°F.	°F.		°F.		°F.	°F.	in.	mm.	mm.	mm.											hr.	hr.	%
0. SCOTLAND, N.																														
Shetland.	Baltasound ..	9 9 9	31	44·7	37·5	41·1	+2·2	50	2	28	14	41·5	–	4·42	112	– 8	16	10	31	22	8	2	12	0	1	–	5	0·36	–0·20	6
	Lerwick .. ¶§	18–7 7	156	43·6	38·6	41·1	+0·6	50	10	30	26,27	–	–	3·48	88	–	14	10	27	21	8	1	8	0	0	–	7	0·69	–0·06	10
Orkney.	Deerness	2121 9	160	44·3	38·0	41·1	+1·6	51	2,3	30	25	–	–	4·86	123	+35	20	31	29	22	10	5	3	2	0	–	–	0·59	–0·31	8
	Kirkwall .. ¶§	9 9 9	113	45·0	38·1	41·5	+2·4	51	2	30	26,27	42·3	–	4·51	115	+23	21	31	28	21	10	3	3	1	1	3	10	0·69	–0·39	10
Hebrides.	Skallary	101010	30	48·0	41·0	44·5	–	53	1,2	32	25,27	–	–	4·37	111	–	19	31	26	21	4	1	3	0	–	–	–	–	–	–
	Stornoway(C.G.) ¶§	18–7 7	80	45·3	39·7	42·5	+1·7	53	2	31	13	–	–	5·03	128	–	20	10	24	16	6	0	8	2	0	–	7	0·74	–0·13	10
	Stornoway ..	– – 9	30	–	–	–	–	–	–	–	–	–	–	6·13	156	+25	33	10	25	17	–	–	–	–	–	–	–	–	–	–
Skye.	Duntulm ..	9 9 9	294	46·3	38·8	42·5	–	52	2	33	12,13	–	–	5·69	145	–	28	1	23	21	4	1	3	0	1	–	6	0·38	–	5
Caithness.	Wick	18–7 7	81	44·7	38·4	41·5	+1·8	54	2	29	25	–	–	3·57	91	+29	26	31	19	16	8	2	6	1	0	–	7	–	–	–
Ross &	Achnashellach ..	9 9 9	225	46·2	36·7	41·5	–	52	2	27	8,12,28	–	–	10·43	265	+21	50	31	29	26	5	3	0	0	1	10	–	–	–	–
Cromarty.	Fortrose	9 9 9	69	45·5	36·8	41·1	+2·2	55	2	30	8,9	–	–	1·84	47	–	12	31	14	8	4	3	0	0	0	–	1	1·06	–0·33	15
Inverness.	Dalwhinnie ..	18–7 7	1176	39·7	31·8	35·7	–	56	2	16	28	–	–	3·12	79	–	16	11	25	14	13	13	0	0	0	21	3	0·84	–	11S
	Ft. Augustus ¶	9 9 9	68	43·9	33·9	38·9	+0·7	53	1,2	24	18	–	–	2·48	63	–74	13	11	19	13	(2)	(2)		0	2	–	–	0·61	–	8S
	Ft. William ..	9 9 9	34	45·5	36·3	40·9	+1·9	54	1,24	25	18	40·3	44·5	7·87	200	–42	37	10	23	17	6	1	3	0	0	13	0	0·61	–	8S
	Inverness ¶§	9 9 9	242	(45·6)	36·9	(41·3)	(+2·6)	55	3	30	8,18,26	–	–	1·89	48	–15	8	31	16	11	3	2	0	0	1	11	1	0·89	–0·61	12
1. SCOTLAND, E.																														
Nairn.	Nairn .. ¶§	9 9 9	20	45·9	36·6	41·3	+2·7	56	2	28	8	–	–	1·23	31	–20	8	1	14	9	5	1	1	0	0	–	2	0·97	–0·43	13
Moray.	Forres	9 9 9	155	46·1	35·9	41·0	–	56	2	28	13	–	–	1·59	40	–	9	1,25	15	10	5	5	4	0	0	–	0	1·18	–	16
	Gordon Castle ..	2121 9	104	45·2	37·1	41·1	+2·5	56	2	30	25	–	–	2·12	54	+ 3	9	1	16	10	4	0	1	0	–	–	–	0·89	–0·46	12S
Banff.	Banff	9 9 9	130	44·3	36·7	40·5	+2·0	54	2	31	14,25,28	–	–	2·16	55	+11	9	25	21	15	6	0	3	1	0	5	3	0·56	–0·82	8S
Aberdeen.	Aberdeen ¶§	242424	79	44·8	36·9	40·9	+2·1	55	24	27	28	39·8	42·6	1·69	43	–12	8	25	16	11	6	5	3	0	0	9	1	1·21	–0·22	16
		18–7 –	—	44·0	36·5	40·3	+2·2																							
	Balmoral	9 9 9	927	42·2	30·8	36·5	+1·4	54	2	18	28	–	–	2·23	57	–13	8	25	20	14	8	12	0	0	–	21	0	–	–	–
	Braemar	2121 9	1111	42·0	31·3	36·7	+1·9	56	2	18	28	–	–	2·39	61	–20	10	25	16	13	8	11	0	0	0	20	1	0·91	–	12S
	Craibstone ..	9 9 9	300	44·3	35·4	39·9	–	55	2	27	28	40·2	42·3	1·87	47	–11	15	7	17	12	7	5	6	0	–	10	–	1·30	–	18
	Logie Coldstone ..	9 9 9	608	44·3	33·4	38·9	+2·6	57	2	21	28	–	–	1·96	50	– 6	8	8	16	12	10	6	0	0	0	16	–	–	–	–
Kincardine.	Balmakewan ..	9 9 9	80	45·3	32·2	38·7	–	52	24	25	28	–	–	0·96	25	–36	7	1	8	6	7	1	1	0	1	23	1	–	–	–
	Stonehaven ..	9 9 9	125											1·23	31	–	6	2	11	8	4	0	1	0	0	–	–	1·14	–	15
Angus.	Arbroath	2121 9	93	46·1	34·3	40·2	+1·6	58	2	28	9,28	–	–	0·89	23	–22	7	1	6	4	3	0	1	0	1	21	3	2·02	–	27
	Carnoustie ..	9 9 9	39	45·7	35·5	40·6	+2·3	57	2	28	9,28	–	–	0·93	24	–24	7	1	8	6	5	0	1	0	–	–	2	1·75	+0·43	23S
	Dundee ¶§	9 9 9	147	45·0	34·2	39·6	+1·5	58	2	26	28	39·1	–	1·00	25	–24	9	7	10	7	4	1	0	0	–	19	4	1·90	+0·32	25
	Kettins	9 9 9	218	44·3	32·7	38·5	+1·8	57	2	25	28	37·4	–	0·93	23	–44	10	7	10	6	7	6	0	0	1	20	6	–	–	–
	Montrose	9 9 9	16	45·5	35·2	40·3	+2·2	56	2	28	9,13,28	–	–	1·05	27	–	7	1,7	9	5	4	1	3	0	0	–	2	1·89	+0·38	25
Perth.	Crieff	2121 9	478	44·5	33·5	39·0	+1·7	56	2	26	27	–	–	1·13	29	–73	5	11	15	10	7	1	0	0	–	–	5	–	–	–
	Perth	9 9 9	76	45·8	33·6	39·7	+2·0	57	2	26	14,17,28	–	–	0·92	23	–41	6	7	12	6	10	0	0	0	–	–	–	1·79	+0·53	24
Fife.	Cupar	9 9 9	210	44·8	34·2	39·5	+1·4	56	2,3	26	28	–	–	0·91	23	–	6	7	10	8	6	3	0	0	–	–	–	–	–	–
	Dunfermline ..	9 9 9	237	44·1	34·8	39·5	–	52	1,2	25	28	39·9	43·6	1·38	35	–	9	1	11	8	6	2	1	0	3	17	2	1·72	–	23
	Inchkeith ..	18–7 7	190	43·9	38·5	41·2	+0·5	53	2	31	13	–	–	1·22	31	– 9	14	1	10	6	5	0	0	0	0	6	1	(1·86)	–	(24)
	Kirkcaldy ..	9 9 9	63	46·3	36·4	41·3	+1·7	55	1,2,3	28	28	–	–	0·92	23	–	7	1	13	6	3	0	0	0	–	–	–	–	–	–
	Leuchars	18–7 7	35	44·7	34·5	39·6	+0·7	56	2	24	9	–	–	1·05	27	–19	10	7	8	6	6	0	2	0	0	17	0	2·26	+0·55	30
	St. Andrews ..	9 9 9	13	45·4	35·0	40·2	+1·9	56	2	25	9	39·8	44·1	0·96	25	–23	8	1	9	5	5	0	1	0	0	11	–	2·12	+0·72	28
Mid Lothian.	Edinburgh—																													
	Blackford H. ¶§	2121 9	441	43·9	36·3	40·1	+1·2	53	2	27	28	–	–	1·26	32	–13	12	1	13	6	6	3	0	0	4	7	2	1·88	+0·41	25
	Boghall	9 9 9	639	43·2	34·9	39·1	–	52	2	25	28	38·6	42·3	1·26	32	–	13	1	14	6	6	1	0	0	1	11	–	1·68	–	22
	Liberton ..	9 9 9	190	45·2	35·7	40·5	–	54	2	26	8,28	–	–	1·28	33	–	11	1	11	7	1	0	0	0	–	–	–	–	–	–
	Univ. King's B.	9 9 9	225	45·3	36·4	40·9	–	54	2	27	28	39·8	43·9	1·28	32	–	12	1	11	7	–	–	–	–	–	–	–	–	–	–
E. Lothian.	Dunbar	9 9 9	75	45·7	36·7	41·2	–	55	2	27	28	–	–	1·12	28	–	12	1	10	5	7	0	1	0	0	7	0	1·53	–	20
	N. Berwick ..	9 9 9	118	44·9	35·7	40·3	–	54	2	27	28	–	–	0·79	20	–21	9	1	10	5	4	0	1	0	0	15	0	1·48	–	20
Berwick.	Marchmont ¶§	9 9 9	498	42·7	34·1	38·4	+1·3	52	2,14	23	9	–	–	1·81	46	–11	16	6	15	7	5	3	0	0	–	–	2	1·14	–0·09	15S
Peebles.	Peebles	9 9 9	629	44·0	31·7	37·9	–	53	2	18	28	–	–	1·86	47	–	14	2	10	9	4	3	0	0	2	16	0	1·01	–	13
	West Linton ..	9 9 9	820	42·0	31·9	36·9	+1·3	50	1,2	16	28	38·6	42·6	2·64	67	–	12	1	15	12	8	7	0	0	13	19	–	–	–	–
Roxburgh.	Kelso (Br'ml'ds)	9 9 9	193	44·7	34·4	39·5	+1·8	53	2	24	9	–	–	1·35	34	–10	9	6	16	10	4	1	0	0	3	–	0	–	–	–
	Wolfelee	9 9 9	537	42·7	32·5	37·6	+1·1	53	2	20	28	–	–	2·27	58	–23	13	1	14	12	8	3	1	0	1	–	2	–	–	–
6a. SCOTLAND, W.																														
Argyll.	Ardtornish ..	2121 9	48	46·0	35·8	40·9	+1·0	51	2,3,15	24	13	–	–	7·69	195	–	41	31	22	18	3	1	4	0	–	12	–	–	–	–
	Colonsay	9 9 9	—	46·9	38·0	42·5	–	52	1,2	29	13	–	–	3·89	99	–	21	1	22	18	0	0	1	0	–	–	–	–	–	–
	Dunoon	9 9 9	46	46·6	35·2	40·9	–	54	2	26	28	40·0	43·0	6·30	160	–	36	31	21	15	7	2	1	1	1	14	–	1·29	–	17S
	Glenbranter ..	9 9 9	188	43·9	33·9	38·9	–	52	1	23	28	–	–	6·11	155	–	38	31	19	17	5	4	0	0	–	–	–	–	–	–
	Oban	9 9 9	229	(46·1)	34·0	(40·1)	(0·0)	(52)	1,2	27	8	–	–	3·18	80	–	17	31	17	14	3	1	2	0	0	19	1	1·30	+0·24	17
	Tiree	18–7 7	22	46·4	40·7	43·5	–	51	1,2,3	32	7,25	–	–	2·88	73	–35	16	1	21	15	4	0	4	0	0	3	7	1·17	–	16
Bute.	Rothesay ¶§	2121 9	200	45·5	38·0	41·7	+1·6	52	2	31	27, 28	40·3	(44·5)	3·50	89	–25	20	31	17	12	4	2	1	0	3	9	4	1·42	+0·37	19
Dumbarton.	Cardross	9 9 9	130	45·2	34·2	39·7	+1·2	53	1	25	28	–	–	2·39	61	–	15	31	16	12	3	2	0	0	6	–	2	1·17	+0·17	15S
	Helensburgh ..	9 9 9	21	45·0	34·6	39·8	+1·6	53	2	25	28	–	–	3·06	78	–63	17	31	19	12	9	0	0	0	5	–	0	1·41	+0·41	19
Stirling.	Stirling	9 9 9	151	44·4	36·1	40·3	+1·4	53	1,24	27	28	40·5	45·8	1·24	32	–	6	1,11	11	8	6	8	0	0	7	18	–	1·64	+0·65	22S
Renfrew.	Greenock ..	9 9 9	199	45·5	36·8	41·1	+1·6	53	1,2,4	30	29	–	–	3·25	83	–91	19	31	17	11	5	3	1	0	7	13	–	–	–	–
	Paisley	2121 9	106	45·1	36·3	40·7	+1·0	54	2	26	8	40·8	45·8	1·81	46	–55	15	11	14	9	4	2	0	0	4	15	–	1·18	+0·18	15S
	Renfrew ¶§ (Abbotsinch)	18–7 7	19	44·1	35·2	39·7	0·0	54	2	24	8,28	–	–	1·96	50	–35	17	11	15	9	6	2	1	0	3	16	0	1·52	+0·52	20
Lanark.	Dungavel ..	9 9 9	798	41·5	33·3	37·4	+0·9	50	1	20	28	–	–	2·63	67	–	16	24	16	11	6	4	0	0	5	18	–	–	–	–
	Glasgow	9 9 9	85	45·2	37·0	41·1	+1·8	54	2	29	9	–	44·0	1·52	39	–44	11	11	15	8	7	1	1	1	9	–	–	–	–	–
	Thorntonhall ..	9 9 9	440	43·4	33·9	38·7	+1·6	52	2	23	13,28	–	–	1·91	49	–	14	11	18	10	4	7	0	0	–	16	1	1·50	+0·59	20
Ayr.	Auchincruive ..	9 9 9	89	45·0	34·7	39·9	–	51	1,2,15	23	28	41·2	44·9	1·96	50	–	11	24	14	9	3	0	0	0	1	16	–	1·50	–	20
	Colmonell	9 9 9	170	45·8	36·1	40·9	+0·6	52	1	26	28	–	–	2·45	62	–48	15	1	17	11	4	2	3	0	0	11	–	–	–	–
	Troon	9 9 9	15	45·2	36·2	40·7	–	51	2	27	28	–	–	1·86	47	–	8	13	15	9	4	0	3	0	5	12	2	1·55	–	20
	Turnberry ..	9 9 9	30	46·1	38·2	42·1	+1·1	51	1,2,14	31	8,28,29	–	–	2·54	65	–	14	24	17	11	3	0	1	0	0	15	1	1·72	+0·57	22
Dumfries.	Dumfries .. ¶§	2121 9	140	44·8	35·6	40·2	+1·2	53	2	23	9	40·7	44·6	1·41	36	–41	8	24	10	9	5	2	1	0	2	15	1	1·88	+0·61	24
	Eskdalemuir ¶§	242424	794	42·1	32·2	37·1	+1·1	52	2	19	28	40·6	45·0	3·22	82	–55	20	11	18	10	8	4	1	0	0	17	6	1·79	+0·74	23
		18–7 –	—	41·2	33·1	37·1	+0·2																							
	Ruthwell	2121 9	67	45·0	32·5	38·7	–0·2	53	2	23	28	–	–	1·34	34	–	7	24	10	9	2	1	0	0	–	–	0	1·42	+0·16	18S
	Thornhill ..	9 9 9	670	43·4	33·8	38·6	–	51	1,2	25	28	–	–	2·07	53	–	15	11	14	10	9	8	1	0	1	–	1	–	–	–

¶§ S *See* Notes on Tables on last page of this issue.

TABLE III (*continued*).—SUMMARY of the RECORDS of TEMPERATURE, RAINFALL and SUNSHINE, and of WEATHER OBSERVATIONS, JANUARY, 1935

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.		Difference from Average.	Most in a day. Amount.	Date.	WEATHER. Number of days. Precip'n. 0·2 mm. or more.	1 mm. or more.	Snow.	Snow lying.	Hail.	Thunderstorm.	Fog (Morn'g Obs.)	Ground Frost.	Gale.	BRIGHT SUNSHINE. Hours per day. Daily Mean.	Difference from Average.	Per Cent.
6b. ISLE OF MAN.		G.M.T.	ft.	°F.	°F.	°F.	°F.	°F.		°F.		°F.	°F.	in.	mm.	mm.	mm.											hr.	hr.	%
Isle of Man.	Douglas	9 9 9	284	46·0	38·9	42·5	*+1·2*	53	1	30	28	–	–	2·12	54	–31	12	13	17	14	2	0	3	0	0	10	3	2·07	+0·49	26
2. ENGLAND, N.E.																														
Northum-berland.	Berwick-on-T. ..	9 9 9	76	45·7	36·2	40·9	–	55	2	26	9	–	–	0·99	25	–15	9	1	9	7	3	0	5	0	0	8	–	1·05	–	14
	Bellingham ..	9 9 9	849	41·2	31·4	36·3	*+0·8*	51	2	17	9	–	–	1·97	50	–23	14	1	16	12	9	8	1	0	0	–	–	–	–	–
	Cockle Park ¶§	2121 9	325	44·4	33·8	39·1	+1·3	53	2	24	9,28	38·0	41·9	2·09	53	– 1	10	27	16	12	9	3	4	2	0	12	2	1·26	–0·26	16
	Tynemouth ..	18–7 7	108	44·2	38·2	41·2	*+0·5*	54	2	26	9	–	–	2·62	67	+26	11	27	18	15	7	1	4	0	0	6	0	–	–	–
Durham.	Chopwellwood ..	9 9 9	446	43·8	34·4	39·1	*+1·7*	53	2	22	9	–	–	2·03	52	– 4	17	1	17	14	6	2	4	0	0	16	–	1·20	*–0·29*	15
	Durham .. ¶§	2121 9	336	44·7	34·0	39·3	+1·4	54	2	19	9	–	–	2·25	57	+15	(15)	(26)	16	11	6	4	0	0	3	10	2	1·29	–0·20	16
	Houghall	9 9 9	160	45·5	32·2	38·9	–	56	2	17	9	–	–	2·44	62	–	13	1,26	15	13	7	3	1	0	3	21	0	1·16	–	15
	Ushaw College ..	9 9 9	594	43·2	34·3	38·7	+1·4	53	2	23	9	–	–	2·58	66	+14	16	26	18	12	8	8	3	0	4	–	–	–	–	–
Yorks., N. Riding.	Ampleforth ..	9 9 9	313	43·6	34·9	39·3	+1·6	54	15	26	10	–	–	3·08	78	–	25	26	17	11	5	7	2	2	2	24	–	1·45	–	18
	Castleton ..	9 9 9	450	43·6	32·8	38·2	–	52	2,15	14	9	39·4	–	3·99	101	–	14	25	22	17	8	5	1	2	1	17	–	–	–	–
	Catterick	18–7 7	175	44·1	36·3	40·2	–	54	2	22	9	–	–	1·27	32	–	9	1	15	10	9	3	1	0	2	13	2	1·57	–	20
	Scarborough †¶§	9 9 9	118	45·8	37·5	41·7	*+1·8*	54	2	28	9	–	43·4	2·38	61	+10	9	1	22	16	1	0	5	2	7	8	1	1·36	–0·02	17
	York .. ¶§	2121 9	57	44·6	35·8	40·2	+0·8	54	2	28	9,28	40·6	45·0	1·93	49	+ 4	12	1	17	9	6	4	1	0	–	–	0	1·34	+0·34	17S
Yorks., E. Riding.	Hull	2121 9	8	44·8	37·5	41·1	+1·8	53	2,3	27	9	40·8	45·6	1·85	47	+ 1	9	1	18	13	5	2	3	0	8	16	–	1·36	–	17
	Spurn Head ..	18–7 7	29	43·5	37·6	40·5	*+0·4*	49	3,25	31	13	–	–	2·14	54	+14	8	26	18	13	3	0	3	0	4	–	2	1·61	*+0·14*	20
Lincoln.	Cranwell .. ¶§	18–7 7	240	42·7	35·3	39·0	*–0·3*	53	2	23	28	39·7	43·9	2·21	56	+12	14	1	17	12	8	6	0	0	7	9	1	1·77	*+0·08*	22
	Cleethorpes ..	9 9 9	23	44·3	36·7	40·5	–	52	2,3	28	9,10	–	–	2·17	55	–	15	26	20	11	3	0	6	0	6	9	–	1·57	–	20
	Skegness ..	9 9 9	15	44·5	36·1	40·3	*+2·0*	53	15	29	13	–	–	2·13	54	+10	16	26	13	8	5	4	5	2	2	8	–	1·53	*–0·28*	19
3. ENGLAND, E.																														
Norfolk.	Cromer	9 9 9	178	44·5	36·8	40·7	*+1·7*	50	3	26	10	–	–	2·19	56	+ 6	6	5	22	14	1	0	4	0	1	5	1	1·38	*+0·08*	22
	Hunstanton ..	9 9 9	105	43·5	36·7	40·1	–	49	1,3,15	28	9	–	–	1·97	50	–	10	26	22	12	2	0	3	1	3	–	–	1·67	–	21
	Norwich	9 9 9	110	43·9	35·2	39·5	*+0·6*	52	15	22	10	39·4	–	3·11	79	–	24	7	21	13	5	7	4	0	–	14	–	1·45	*–0·12*	18
	Sprowston ..	9 9 9	93	44·4	35·4	39·9	–	52	15	25	10,28	–	–	3·09	79	–	25	7	20	13	9	3	4	0	7	17	–	1·64	–	20S
	Terrington ..	9 9 9		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Thetford .. (Lynford Nursery)	9 9 9	99	44·0	33·6	38·8	–	51	1,2	17	28	40·3	44·3	1·93	49	–	10	1	23	13	6	2	1	0	6	16	–	1·68	–	21
	Yarmouth ¶§	18–7 7	5	44·2	37·4	40·8	*+0·1*	51	15	26	10	43·0	44·6	2·86	73	+29	14	7	19	15	6	0	8	1	3	5	0	1·57	*–0·19*	19
Suffolk.	Bungay (Flix'n)..	9 9 9	79	43·6	35·4	39·5	*+0·1*	50	2,3	23	10	–	–	1·47	37	–	6	1	12	12	5	1	1	0	7	14	–	–	–	–
	Copdock	9 9 9	164	43·6	34·6	39·1	*+0·6*	51	1,3,15	20	30	40·5	45·3	2·48	63	–	16	7	18	7	5	2	1	1	7	11	–	1·83	*+0·20*	22
	Felixstowe ..	18–7 7	15	43·3	36·5	39·9	*–0·5*	51	2	26	10	–	–	2·45	62	+23	24	7	16	9	6	2	3	1	5	9	1	1·94	*–0·07*	23
	Hartest	9 9 9	250	43·7	34·3	39·0	–	52	1	19	28	–	–	2·11	54	–	11	1	19	10	4	5	0	1	3	17	–	1·72	–	21
	Lowestoft ..	9 9 9	82	44·1	36·8	40·5	*+1·6*	51	15	28	30	42·0	–	2·51	63	+21	15	7	17	14	7	1	5	1	6	14	1	1·77	*–0·18*	22
Cambridge.	Cambridge ¶§ (Bot. Gdns.)	2121 9	41	44·7	34·7	39·7	+0·5	53	2,14	20	29	41·2	45·6	2·23	57	+19	22	26	13	10	4	6	0	1	2	14	0	1·55	–0·18	19
	(Univ. Farm) ..	9 9 9	81	44·2	35·4	39·8	–	53	2,14	20	28	–	–	1·95	49	–	12	26	16	11	4	4	0	1	0	14	0	1·75	–	21
Bedford.	Luton	9 9 9	381	43·5	35·2	39·3	*–0·4*	53	1,2	22	28	41·3	46·8	0·72	18	–	5	11	10	5	3	1	0	0	2	12	–	1·28	*–0·37*	15
	Woburn	9 9 9	291	43·8	35·4	39·6	+0·7	53	1,2	25	28	40·7	46·1	0·77	20	–23	4	11	10	7	6	0	1	1	2	15	–	1·16	–0·49	14
Hertford.	Rickmansworth	9 9 9	192	45·0	31·0	38·0	–	54	1,15	15	9	40·3	45·2	1·00	25	–	9	11	13	8	9	3	2	0	8	26	1	1·61	–	19
	Rothamsted ¶§	9 9 9	420	42·7	35·4	39·1	+0·7	52	1,2	23	9	40·4	–	0·84	21	–31	6	11	13	7	3	3	0	0	2	12	1	1·51	–0·24	18
	St. Albans ..	9 9 9	272	44·2	34·8	39·5	–	53	1,2	20	9,29	40·8	–	1·00	25	–24	6	11	12	7	3	4	0	0	2	0	–	–	–	–
Essex.	Clacton-on-S. ¶§	9 9 9	53	44·0	35·5	39·7	*+0·8*	52	1	25	9,10	41·3	45·8	3·29	83	+47	33	7	14	9	4	6	3	0	2	17	–	1·96	*+0·09*	24
	Chelmsford ..	9 9 9	134	43·7	35·0	39·3	*–0·1*	53	1	25	9,29	–	–	1·69	43	+ 4	11	1	17	9	4	4	1	0	–	–	–	–	–	–
	Chelmsford (Agr. St.)	9 9 9		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Earls Colne ..	9 9 9	168	43·6	34·4	39·0	–	52	15	23	28	–	–	1·83	47	–	22	7	12	7	5	6	0	0	–	–	–	–	–	–
	Halstead ..	9 9 9	140	44·1	34·4	39·3	+0·4	52	1,15	20	28	–	–	2·56	65	–	23	7	14	9	2	8	1	0	4	–	–	–	–	–
	Shoeburyness ..	18–7 7	11	44·2	34·9	39·5	*–1·2*	53	2	25	10,28,30	–	–	1·25	32	0	9	25	11	8	6	3	1	0	3	13	0	2·07	*+0·27*	25
4. MIDLAND COUNTIES.																														
Yorks., W. Riding.	Askham Bryan ..	9 9 9		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Bingley	9 9 9	600	42·4	34·6	38·5	–	52	2	24	10	–	–	1·71	43	–	14	11	17	6	9	5	3	0	2	15	–	–	–	–
	Bradford ..	9 9 9	439	43·7	35·5	39·6	*+1·1*	53	2	26	9	40·1	45·3	1·50	38	–35	11	11	12	8	–	–	–	–	3	19	–	1·24	*+0·39*	16
	Doncaster ..	9 9 9		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Giggleswick ..	9 9 9	575	42·8	34·0	38·4	*+1·0*	51	2	24	28,29	–	–	1·69	43	–	8	11	13	10	6	3	2	0	1	–	2	1·59	–	20
	Harrogate ¶§	18–7 7	478	42·7	35·9	39·3	*+0·6*	53	2	24	9	40·6	43·1	1·61	41	–25	7	25	16	9	7	7	2	0	2	16	1	1·52	+0·10	19
	Huddersfield ..	2121 9	325	43·3	35·7	39·5	*+0·6*	52	1,2	24	9	39·8	44·5	1·61	41	–32	16	11	19	8	5	5	1	1	7	15	–	0·82	*–0·13*	10
	,, (Oakes)	9 9 9	761	43·1	35·1	39·1	–	51	2	23	9	39·9	43·8	2·19	56	–27	22	11	21	9	7	6	2	1	2	11	2	–	–	–
	Meltham .. **	9 9 9	514	42·8	34·6	38·7	+0·4	52	1,2	22	9,10	39·9	41·0	2·60	66	–50	21	11	23	11	3	2	3	1	3	14	–	–	–	–
	Pontefract ..	9 9 9	255	44·1	36·0	40·1	–	53	2	26	9	–	–	0·91	23	–19	8	1	13	7	–	–	–	–	9	14	–	–	–	–
	Sheffield	9 9 9	428	44·4	37·3	40·9	+1·2	54	2	30	27	40·9	44·3	1·50	38	–32	15	11	14	6	–	–	–	–	–	12	–	1·48	–0·16	18
	Wakefield ..	9 9 9	124	44·9	35·3	40·1	*+0·5*	54	2,14	27	9,28	40·4	44·9	1·11	28	–21	6	24	19	7	9	4	3	2	8	16	–	0·75	*–0·07*	9S
Derby.	Belper (School) ..	9 9 9	222	44·6	35·2	39·9	*+1·2*	55	2	27	27,(28)	–	–	(1·55	39	–22)	19	25	15	6	2	2	0	0	–	–	–	–	–	–
	Belper (Q. Bk.) ..	9 9 9	280	44·2	35·6	40·0	+1·8	54	1,2	27	28	–	–	1·08	27	–37	8	25	13	8	–	–	–	–	–	–	–	–	–	–
	Buxton	9 9 9	1007	40·5	34·6	37·5	*+1·3*	50	1	28	9	39·1	42·3	3·84	98	–16	29	1	16	10	6	10	1	2	8	14	–	0·58	*–0·40*	7S
Nottingham.	Attenborough ..	18 7 7	89	44·3	36·3	40·3	–	55	2	29	28	–	–	1·01	26	–	8	25	13	7	10	3	0	0	6	12	3	–	–	–
	Mansfield ..	9 9 9	357	43·5	35·8	39·7	–	53	2	28	28	–	–	1·73	44	–	11	25	13	10	5	7	1	0	6	–	–	–	–	–
	Nottingham ¶§	9 9 9	192	44·9	37·1	41·0	+2·1	55	2	31	27,28	40·2	43·7	0·94	24	–22	6	1	16	7	–	–	–	–	11	19	–	1·64	*+0·54*	20
	Sutton Bon'gton	9 9 9	157	44·4	35·9	40·1	–	54	2	28	16	40·9	–	0·74	19	–23	4	25	13	7	7	3	0	0	3	15	–	1·42	–	18
	Worksop ..	9 9 9	56	44·7	34·6	39·7	+0·9	55	14	25	28	39·7	44·0	1·68	43	– 2	10	11	15	10	7	6	1	0	–	17	1	1·69	–	21

† At Scarborough the earth thermometer is at a depth of 3 ft. ** At Meltham the earth thermometers are at depths of 1 ft. and 2 ft.

¶§ See Notes on Tables on last page of this issue.

TABLE III (*continued*).—SUMMARY of the RECORDS of TEMPERATURE, RAINFALL and SUNSHINE, and of WEATHER OBSERVATIONS, JANUARY, 1935

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.		Difference from Average.	Most in a day. Amount.	Date.	WEATHER. Number of days. Precip'n. 0·2 mm. or more.	1 mm. or more.	Snow.	Snow lying.	Hail.	Thunderstorm.	Fog (Morn'g Obs.)	Ground Frost.	Gale.	BRIGHT SUNSHINE. Hours per day. Daily Mean.	Difference from Average.	Per Cent.
4. MID. COUNTIES—*cont.*		G.M.T.	ft.	°F.	°F.	°F.	°F.	°F.		°F.		°F.	°F.	in.	mm.	mm.	mm.											hr.	hr.	%
Leicester.	Belvoir Castle ..	2121 9	259	43·9	35·2	39·5	+0·8	53	2,14	27	8,9,28	40·6	46·3	1·60	41	- 4	9	1	12	10	-	-	-	-	-	14	-	1·66	*-0·04*	20
North-ampton.	Oundle	9 9 9	147	44·2	35·4	39·8	*+1·2*	53	1,2	27	28,29	41·7	45·8	0·57	15	-	4	25	13	5	3	1	0	0	2	15	-	1·64	*+0·14*	20
	Raunds	9 9 9	213	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Roade	9 9 9	394	44·5	36·0	40·3	-	53	1	29	10,29	39·8	-	0·85	22	-	8	1	6	5	3	2	2	0	0	17	0	-	-	-
Warwick.	Birmingham ¶§	18–7 7	535	43·0	37·3	40·1	*+0·2*	53	1,2	27	28	42·6	47·2	1·06	27	-24	8	25	12	7	6	2	2	0	3	7	1	1·14	-0·24	14
	,, Sparkhill	713 7	425	44·0	36·7	40·3	*+1·3*	54	1,2	27	9,28	-	-	0·89	23	-31	6	25	11	6	6	1	0	0	3	13	-	-	-	-
	Coventry	9 9 9	241	44·3	35·5	39·9	+0·6	55	1	28	28	41·8	46·3	0·61	15	-37	5	11	8	6	2	0	0	0	8	14	-	0·93	*-0·27*	11
	Rugby	2121 9	390	45·2	34·2	39·7	-	53	1,2	27	28	-	-	0·82	21	-	5	25	11	7	4	0	2	0	-	17	-	-	-	-
	Stratford-on-Avon	9 9 9	210	44·5	35·7	40·1	-	55	1,2	28	28	-	-	0·50	13	-	4	11	9	5	5	2	2	0	3	-	-	1·32	-	16
Oxford.	Oxford .. ¶§	9 9 9	208	45·0	36·5	40·7	+0·7	54	1,2	25	10	41·4	46·1	0·54	14	-32	7	11	7	4	5	1	1	0	4	13	2	1·55	-0·24	19
Bucks.	Mursley	9 9 9	490	43·3	34·9	39·1	-	53	1,2	25	28	40·2	-	0·67	17	-32	5	1	9	6	-	-	-	-	-	-	-	1·30	-	16
Stafford.	Mayfield	9 9 9	374	43·7	35·4	39·5	*+1·7*	53	1,2	29	8,28,30	-	-	1·41	36	-33	7	11	14	7	5	2	1	0	-	13	-	1·43	*+0·35*	188
Shropshire.	Newport	9 9 9	211	44·3	34·5	39·4	-	53	1,2	25	8,9,30	-	-	1·04	26	-22	7	25	15	8	3	0	2	0	6	15	-	1·52	-	19
	Shrewsbury ..	9 9 9	184	46·1	35·9	41·0	*+0·7*	55	1,2	26	8	42·6	46·4	0·86	22	-	5	11,24	11	6	4	1	1	0	3	16	2	1·40	-	17
Worcester.	Malvern	9 9 9	380	44·3	38·4	41·3	*+2·0*	56	2	30	9	41·5	45·1	0·78	20	-36	6	11	12	5	4	0	0	0	1	8	-	1·96	*+0·09*	24
	Worcester (Perdiswell)	9 9 9	94	45·5	36·4	40·9	-	56	2	28	9	-	-	0·86	22	-	5	25	10	8	5	0	2	0	-	15	-	1·75	-	21
Hereford.	Bromyard ..	9 9 9	393	44·9	35·9	40·4	*+1·1*	55	2	27	28	41·5	45·7	0·85	22	-	6	11	12	5	4	1	1	0	6	17	-	-	-	-
	Hereford ..	9 9 9	292	45·2	35·8	40·5	+1·0	55	2	27	10	-	-	0·76	19	-37	6	25	9	8	2	0	1	0	4	17	1	-	-	-
	Ross-on-Wye ¶§	18–7 7	223	45·1	38·5	41·8	*0·0*	55	1,2	28	28	41·9	46·2	0·67	17	-45	6	11	10	5	2	0	0	0	2	14	1	1·70	*+0·03*	21
Gloucester.	Bristol (Horfield)	18–7 7	206	45·8	38·6	42·2	-	56	2	28	28	43·6	47·1	0·89	23	-	7	11	12	8	4	1	2	1	0	10	0	-	-	-
	Cheltenham ..	2121 9	214	44·6	36·2	40·4	*+0·5*	55	2	26	28	42·0	45·9	0·89	23	-30	8	11	11	6	4	0	1	0	3	18	0	1·25	*-0·40*	15
	Cirencester ..	9 9 9	443	44·1	36·0	40·1	*+2·7*	54	1,2	27	9	-	-	0·65	17	-	6	25	9	4	5	1	1	0	2	20	-	1·76	-	21
	Parkend	9 9 9	325	45·0	36·2	40·6	-	55	1	28	9,10,11	41·8	45·5	1·05	27	-	10	11	12	7	3	1	0	0	3	15	-	1·91	-	23
5. ENGLAND, S.E.																														
London.	City, Bunhill Row..	—	—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0·90	+0·39	11
	Camden Square ..	9 9 9	110	44·9	37·5	41·2	+1·1	53	1,2,14	28	26	42·2	47·0	1·09	28	-19	8	26	13	8	2	2	2	0	-	8	-	-	-	-
	East Ham ..	9 9 9	15	45·1	37·3	41·2	*+2·1*	54	1,2	26	28	-	-	1·14	29	-12	7	11	13	10	-	-	-	-	-	-	-	-	-	-
	Enfield	9 9 9	148	44·6	35·8	40·2	*+0·5*	53	1,2,14	24	29	-	45·7	1·35	34	-11	11	26	13	8	6	5	0	0	2	9	-	1·59	-	19
	*g*Greenwich ..	2424 9	149	44·1	36·5	40·3	+0·2	54	1	25	29	43·1	46·7	1·19	30	-13	7	26	1	8	6	3	0	0	9	12	0	0·52	-0·77	6
		21–9 –	—	43·8	37·5	40·7	-																							
	Hampstead ..	9 9 9	450	43·2	34·7	38·9	*0·0*	53	1	24	28	-	-	1·31	33	-	10	26	16	8	6	4	1	0	-	22	-	1·62	*+0·38*	19
	Kensington ..	18–9 9	80	44·6	38·4	41·5	*-0·5*	54	2	28	9,28	43·0	47·2	1·07	27	-	8	26	11	8	2	4	0	0	7	19	0	1·05	-	13
	Kingsway ..	—	—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0·98	-	12
	Regent's Park ..	9 9 9	129	45·0	37·1	41·1	-	54	1,2	27	28	-	-	1·10	28	-	8	26	9	9	4	3	1	0	5	12	-	1·30	*+0·33*	16
	Kew ¶§	242424	18	44·8	37·4	41·1	+0·7	54	2	27	9	41·4	46·6	0·89	23	-22	6	25	13	7	3	0	0	0	4	14	0	1·45	+0·02	17
	Observatory ..	18–7 –	—	44·6	38·2	41·4	*-0·4*																							
	Stroud Green ..	18 7 7	212	43·9	37·5	40·7	-	53	1,2	28	28,29	-	-	0·96	24	-	6	11	14	9	7	3	1	0	3	11	2	-	-	-
	Tottenham ††¶§	2121 9	51	45·4	37·9	41·7	*+0·8*	54	1,2	26	28,29	-	48·0	1·25	32	-14	6	26	13	10	3	1	0	0	-	7	-	1·53	*+0·56*	18
	Westminster ..	9 9 9	27	45·9	37·6	41·7	*+0·4*	55	1,2	28	9	-	-	1·09	28	-13	6	11	11	9	3	0	0	0	-	11	-	0·91	+0·04	11
Surrey.	Addington ..	9 9 9	472	43·4	35·2	39·3	+0·4	52	2	24	9	-	-	1·38	35	-	6	1,11	16	11	2	1	0	0	8	-	-	-	-	-
	Croydon Aero. ..	18–7 7	217	43·7	37·4	40·5	*-1·0*	54	2	23	9	-	-	1·13	29	-23	7	11	14	8	5	1	2	0	3	9	0	0·82	*-0·21*	10
	Wisley	9 9 9	150	45·0	35·8	40·4	*+0·5*	53	1,2	24	9	42·2	46·3	0·81	21	-	7	11	13	7	4	0	0	0	3	20	0	1·23	*-0·44*	158
Kent.	Biggin Hill ..	18–7 7	567	42·3	36·5	39·4	*-0·5*	52	1,2	22	9	-	-	1·37	35	-29	8	11	16	11	6	3	0	0	8	11	0	1·16	*-0·49*	14
	Bromley	9 9 9	213	44·3	36·1	40·2	-	53	1,2	25	9	-	-	1·07	27	-19	6	11	15	9	4	1	1	0	7	14	-	-	-	-
	Canterbury ..	9 9 9	124	44·0	35·9	39·9	*-0·9*	52	1	27	8,9,30	43·4	46·6	1·49	38	-	6	27	16	11	-	-	-	-	-	16	-	-	-	-
	Dover	9 9 9	22	45·3	38·3	41·8	*+2·0*	54	1	29	30	42·2	47·3	2·44	62	-	15	27	16	13	5	3	3	0	6	4	1	1·32	*-0·65*	16
	Dungeness ..	18–7 7	20	44·7	35·7	40·2	*-1·7*	53	1	21	30	-	-	1·19	30	-18	7	28	16	8	3	4	0	0	3	-	0	-	-	-
	East Malling ..	9 9 9	132	44·0	34·6	39·3	-	53	1	24	30	-	-	1·19	30	-	6	1	15	10	5	1	1	0	5	16	0	1·43	-	17
	Folkestone ..	9 9 9	101	44·3	37·1	40·7	*+0·7*	52	14	28	30	-	48·0	2·33	59	-	13	6	18	12	4	4	0	0	3	12	-	1·60	*-0·33*	19
	Goudhurst ..	9 9 9	290	44·3	34·8	39·5	-	53	1	23	30	-	-	1·12	28	-	6	2	14	9	4	4	0	0	1	13	-	-	-	-
	Lympne	18–7 7	346	42·3	35·6	38·9	*-1·1*	52	2	24	30	-	45·7	1·68	43	-13	6	2	19	14	9	5	0	0	4	17	0	1·93	*+0·07*	23
	Manston	18–7 7	142	43·3	36·6	39·9	-	51	1	27	10,30	-	-	2·04	52	-	11	25	17	11	5	3	5	0	3	8	0	1·66	-	20
	Margate .. ¶§	9 9 9	51	43·9	38·1	41·0	*+0·5*	51	1	30	9,30	42·8	46·5	1·67	42	0	6	25	15	11	5	1	1	0	4	5	1	1·40	-0·51	17
	Tunbridge W. ..	9 9 9	351	43·6	34·0	38·8	*+0·1*	52	1,2	22	30	41·7	46·1	0·94	24	-	5	1	14	10	3	1	0	0	2	17	1	1·63	-0·10	19
	Wye	9 9 9	164	43·7	34·5	39·1	-	52	1	26	9	-	-	1·96	50	-	9	28	18	14	5	2	0	0	-	16	0	1·76	-	21
Sussex.	Ardingly	9 9 9	437	43·4	34·4	38·9	*-0·1*	52	1,2	25	9	-	-	1·26	32	-	6	1	17	13	4	0	0	0	-	20	-	-	-	-
	Beachy Head ..	18–7 7	502	45·1	35·6	40·3	-	54	14	26	28	-	-	0·99	25	-	6	1	11	9	6	3	0	0	0	-	-	-	-	-
	Brighton	9 9 9	32	45·8	36·9	41·3	*+0·6*	55	1	27	9	-	47·7	0·80	20	-42	5	1	10	6	4	0	0	0	1	13	0	2·51	+0·56	30
	Eastbourne ..	2121 9	35	45·4	36·9	41·1	-0·6	54	1,2	28	28	44·1	48·4	0·88	22	-45	5	1	14	8	2	1	0	0	2	14	-	2·22	+0·21	24
	St. Leonards ¶§	2121 9	178	44·6	37·2	40·9	*+0·4*	54	2	28	28	41·8	47·2	1·32	33	-25	5	2	17	11	3	4	0	0	0	9	2	2·31	+0·23	28
Berkshire.	Ascot H'therw'd	2121 9	320	44·0	35·7	39·9	-	53	1,2	23	9	-	-	0·71	18	-	7	11	8	6	3	1	1	0	2	21	-	1·68	-	20
	Reading	9 9 9	152	45·8	37·6	41·7	*+2·3*	55	1,2	27	9,10	42·4	47·4	0·83	21	-	8	11	10	6	3	0	2	1	-	15	2	-	-	-
	Shinfield	9 9 9	200	45·4	36·1	40·7	*+0·4*	54	1	26	9	-	-	0·72	18	-	7	11	9	7	3	2	1	0	-	-	-	-	-	-
	Warfield	9 9 9	220	44·5	35·6	40·1	-	53	1,2	25	9	41·4	-	0·79	20	-	8	11	7	6	2	1	1	0	5	21	-	1·06	-	13
Hampshire.	Bournemouth ..	9 9 9	138	46·1	37·3	41·7	*+0·8*	55	2	28	28	43·6	46·3	0·86	22	-47	7	11	9	7	0	0	0	0	10	-	-	2·85	*+0·76*	34
	Calshot	18–7 7	8	45·9	38·8	42·3	*-0·4*	54	1,2,3	29	28,30	-	-	0·76	19	-33	10	11	8	4	0	0	1	0	0	6	2	2·73	*+0·71*	32
	Long Sutton ..	9 9 9	479	43·8	34·7	39·3	-	52	2,3	24	28	-	-	0·62	16	-	7	11	9	6	4	0	0	0	2	13	-	1·41	-	17
	Southamp'n ¶§	2121 9	64	45·8	36·5	41·1	0·0	55	2	28	28,29	-	-	0·81	21	-47	5	11	8	7	1	0	0	0	7	16	0	2·21	+0·46	26
	S. Farnboro' ..	18–7 7	237	44·7	36·6	40·7	*+0·2*	53	1,2	25	29	-	-	0·80	20	-33	8	11	9	6	4	0	0	0	3	16	0	1·79	*+0·07*	21

†† Tottenham is used as a "district value" station for England, E., and not for England, S.E.

g Temperature from thermometers on a Glaisher stand. ¶§ See Notes on Tables on last page of this issue.

TABLE III (*continued*).—SUMMARY of the RECORDS of TEMPERATURE, RAINFALL and SUNSHINE, and of WEATHER OBSERVATIONS, JANUARY, 1935

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. in.	mm.	Difference from Average. mm.	Most in a day. Amount. mm.	Date.	WEATHER. Number of days. Precip'n. 0·2 mm. or more.	1 mm. or more.	Snow.	Snow lying.	Hail.	Thunderstorm.	Fog (Morn'g Obs.)	Ground Frost.	Gale.	BRIGHT SUNSHINE. Hours per day. Daily Mean.	Difference from Average.	Per Cent.
5. ENGLAND, S.E.—*cont.*		G.M.T.	ft.	°F.	°F.	°F.	°F.	°F.		°F.		°F.	°F.	in.	mm.	mm.	mm.											hr.	hr.	%
I. of Wight.	Newport	9 9 9	48	45·8	36·2	41·0	–	54	2	26	30	–	–	2·11	54	–	31	10	10	7	0	0	2	0	5	19	–	–	–	–
	Ryde	9 9 9	13	45·6	39·2	42·4	*0·0*	54	1	31	28,29	–	–	0·84	21	–	7	10	10	6	0	0	0	0	0	–	0	2·45	*+0·67*	29
	Sandown ..	9 9 9	13	46·3	39·0	42·7	*+0·4*	54	1,2	30	28	–	–	2·39	61	–	34	10	11	8	0	0	0	0	0	–	–	2·65	*+0·59*	31
	Totland Bay ..	9 9 9	140	45·8	38·6	42·2	+0·4	54	2	30	28	–	–	1·50	38	–21	15	9	9	8	0	0	1	0	0	11	2	2·66	*+0·59*	31
	Ventnor (Hospital)	9 9 9	59	46·9	39·1	43·0	+0·3	55	2	30	28	–	–	1·56	39	–26	20	10	9	6	2	0	2	0	–	–	0	2·83	+0·78	33
Wilts.	Amesbury (Boscombe Down)	18–7 7	417	43·9	36·4	40·1	–	53	2	25	28	–	–	0·76	19	–	5	11	9	5	1	0	1	1	2	13	0	2·31	–	28
	Larkhill	9 9 9	440	44·1	35·5	39·8	*–0·3*	53	2	25	28	–	–	0·79	21	–35	6	11	9	6	0	0	3	1	2	16	2	–	–	–
	Marlboro' ¶§	9 9 9	424	44·7	34·9	39·8	+1·1	53	2	26	9	41·6	46·6	0·75	19	–45	9	11	10	6	3	0	2	1	2	20	1	(1·43	+0·04	17)
	Porton	9 9 9	363	44·6	34·6	39·7	*0·0*	53	2	25	28	41·2	–	0·52	13	–46	4	11	9	5	1	0	1	1	1	17	0	2·21	–	26
7a. ENGLAND, N.W.																														
Cumberland.	Keswick	9 9 9	254	45·6	35·0	40·8	*0·0*	53	1,3	23	28	41·3	45·7	3·17	81	–47	18	11	10	7	6	1	3	0	0	15	2	1·14	*+0·24*	15
	Newton Rigg ¶§	2121 9	560	43·1	33·0	38·1	+0·4	52	1,2	22	28	–	–	1·89	48	–34	14	1	17	7	7	2	1	0	1	18	2	1·60	+0·39	20
Westmorland.	Ambleside ..	9 9 9	145	44·5	33·6	39·1	–	54	2,14	24	28	–	–	2·64	67	–	17	11	13	10	5	1	2	0	0	–	–	1·30	–	16
	Appleby	9 9 9	440	43·3	32·5	37·9	*+0·8*	52	2,24	21	28,29	–	–	2·22	56	–25	23	1	14	7	3	0	0	0	–	–	–	–	–	–
Lancashire.	Bolton	9 9 9	342	43·8	35·1	39·5	+0·6	51	1,2	27	9,28,29	41·2	44·3	3·09	78	–16	27	1	17	10	2	2	2	0	–	11	–	1·03	+0·42	13S
	Burnley	9 9 9	458	42·9	34·4	38·7	*+0·5*	51	1,2	25	9,28,29	41·1	44·6	2·17	55	–	19	11	15	8	3	2	1	1	6	15	–	0·41	*–0·27*	5S
	Darwen	2121 9	724	42·6	35·5	39·1	*+1·5*	51	2	26	28	39·9	43·8	3·25	83	–29	27	1	16	12	8	2	2	0	10	17	–	0·89	*+0·06*	11
	Hutton	9 9 9	82	44·5	34·8	39·7	*0·0*	52	1,2	23	28,29	40·9	45·0	1·74	44	–	13	1	15	8	2	0	3	1	2	15	0	1·29	*+0·22*	16
	Lancaster ..	9 9 9	312	43·7	35·6	39·7	*+0·4*	50	1,2	27	28	39·9	42·9	1·76	45	–44	9	1	15	9	4	2	1	0	5	10	0	1·59	*+0·28*	20
	Leyland	9 9 9	125	44·5	33·9	39·2	*–0·3*	51	1,2	22	28	–	–	1·81	46	–28	15	1	15	9	2	0	3	0	4	13	–	1·41	*+0·28*	18
	Manchester (Barton) ..	18–7 7	70	44·2	36·3	40·3	–	53	1,2	24	28	–	–	1·92	49	–	13	1	12	7	6	0	3	1	4	14	1	1·00	–	12
	(Oldham Road)	2121 9	191	44·5	38·4	41·5	+0·8	52	1,2	30	9,28	41·5	46·0	1·83	46	–27	12	1	13	9	6	–	2	1	–	9	–	0·32	*–0·04*	4S
	(Whitworth Pk.)	2121 9	125	45·9	37·3	41·6	+1·3	53	1,2	28	9,28	–	–	2·07	53	–11	14	1	13	10	–	–	–	–	10	–	–	0·39	*–0·20*	5
	Southport ..																													
	Bedford Rd Pk ¶§	9 9 9	35	45·2	36·4	40·8	+0·7	52	2	24	9	41·0	45·2	1·80	46	–19	12	11	15	11	2	0	4	0	2	10	4	1·58	+0·18	20
	Stonyhurst ¶§	9 9 9	377	43·8	35·3	39·5	+0·6	51	1,2	25	28	–	–	3·21	81	–28	20	24	14	9	4	2	1	0	3	12	0	1·49	+0·48	19S
Cheshire.	Bidston Obs'y. ..	18–7 7	198	43·7	39·3	41·5	*–0·1*	52	1	31	9,28	–	–	1·28	32	–22	10	11	14	7	3	0	4	0	1	4	3	1·54	*–0·15*	19
	Hoylake	9 9 9	23	45·0	37·4	41·2	0·0	51	1,2,24	24	8	–	–	1·44	37	–21	11	11	13	9	2	1	3	0	–	14	–	1·21	–0·43	15
	Macclesfield ..	9 9 9	500	(42·3)	34·9	(38·6)	(+0·6)	(52)	(2)	26	28	–	–	2·39	73	+ 4	22	1	14	12	4	2	3	2	3	–	–	–	–	–
	West Kirby ..	9 9 9	25	44·7	37·2	40·9	–	51	1,2,24	26	8	–	–	1·39	35	–17	13	11	10	7	5	1	3	1	0	12	–	1·65	–	20
7b. NORTH WALES.																														
Flint.	Hawarden B'dge	9 9 9	17	46·4	(37·1)	(41·7)	(+0·3)	56	2	26	9	–	–	1·35	34	–	10	11	12	7	2	0	2	0	5	–	–	–	–	–
	Rhyl	9 9 9	31	46·8	38·0	42·4	*+1·1*	54	1,11	27	8	–	–	1·85	42	– 5	12	11	14	9	2	0	3	1	1	8	2	1·12	*–0·73*	14
	Sealand .. ¶§	18–7 7	16	45·3	38·3	41·8	*–0·1*	55	1	26	9	42·8	45·8	1·44	37	–13	9	25	12	7	3	0	2	0	2	10	1	1·41	*–0·25*	17
Anglesey.	Holyhead ¶§	18–7 7	26	47·0	42·5	44·7	*+0·8*	53	1,2	33	8	–	–	1·32	46	–28	9	24	15	9	1	0	2	0	0	4	5	1·46	*–0·07*	18
Denbigh.	Colwyn Bay ..	9 9 9	118	46·8	39·5	43·1	*+0·8*	54	1,3	29	8	–	–	1·78	45	–22	11	11	18	10	0	0	3	1	2	–	–	1·02	*–0·62*	13
Carnarvon.	Aber	9 9 9	60	47·0	39·5	43·3	–	53	1,2	30	9	–	–	2·44	62	–	12	11	20	11	3	0	4	1	–	7	0	0·71	–	9S
	Llandudno ..	9 9 9	13	46·5	39·7	43·1	*+0·8*	53	1	30	8	–	–	1·42	36	–25	7	11	16	11	4	0	2	1	1	7	3	1·04	–0·84	13
Montgomery.	Welshpool ..	9 9 9	254	46·7	34·8	40·7	*+0·7*	56	3	25	28,29,30	–	–	0·72	18	–50	9	11	10	5	2	0	0	0	5	–	–	–	–	–
8a. SOUTH WALES.																														
Cardigan.	Aberystwyth ..	9 9 9	69	46·1	39·2	42·7	*+1·0*	52	1	31	9,30	–	–	1·83	47	–	10	24	17	8	1	0	3	0	0	–	–	1·55	*–0·20*	19
	„ P.B.S. †	9 9 9	452	44·2	37·7	40·9	–	50	1,2	28	28	–	–	1·79	45	–	10	24	18	8	1	1	3	0	2	8	2	1·70	–	21
Pembroke.	Haverfordwest ..	2121 9	250	46·5	38·4	42·5	+0·6	53	2	27	30	–	–	1·49	38	–	7	26	12	10	1	0	0	0	–	–	–	–	–	–
	St. Ann's Hd. ¶§	18–7 7	142	47·5	40·6	44·1	*–0·8*	53	1,2	32	8,27,28	–	–	1·53	39	–45	13	9	14	7	0	0	4	0	0	–	–	1·76	+0·13	21
Radnor.	Rhayader ¶§	9 9 9	757	42·8	33·7	38·3	*–1·4*	52	2	23	28	–	–	2·16	55	–78	21	26	18	9	5	3	4	0	2	19	1	0·87	*–0·51*	11
Brecknock.	Cantref	9 9 9	1080	42·0	30·2	36·1	–	51	1	20	9	–	–	2·68	68	–	14	25	16	13	2	0	0	1	2	–	–	1·77	–	21
Glamorgan.	Cardiff	2121 9	202	45·7	38·6	42·1	*+1·7*	55	2	30	9,28	42·9	47·1	0·84	21	–73	6	11	7	5	1	0	0	0	3	10	2	1·92	*+0·27*	23
	Swansea	9 9 9	27	47·5	39·3	43·4	*+1·7*	55	2	31	8,28,29	43·1	50·3	1·10	28	–	5	25	15	10	0	0	1	0	6	10	–	1·92	*+0·44*	23
8b. ENGLAND, S.W.																														
Monmouth.	Newport	9 9 9	265	45·7	37·2	41·5	*–0·6*	55	2	29	28	42·6	46·5	0·94	24	–	10	11	10	5	–	–	–	–	5	–	–	2·25	–	27
	Usk	9 9 9	70	46·1	36·3	41·2	–	57	1	26	28	42·8	–	0·84	21	–	8	11	9	5	1	0	0	0	4	11	0	1·90	–	23
Somerset.	Bath .. ¶§	9 9 9	67	45·8	38·0	41·9	*+1·5*	55	2	29	9,11,28	43·4	47·7	0·86	22	–39	8	11	9	8	1	0	3	2	5	–	0	1·77	*+0·17*	21
	Cannington ..	9 9 9	95	46·1	39·2	42·7	–	54	1	29	9	–	–	0·61	15	–	6	11	9	4	0	0	0	0	3	9	0	1·83	–	22
	Long Ashton ..	9 9 9	162	46·0	37·4	41·7	*–0·2*	56	2	27	28	–	–	1·07	27	–46	10	11	12	8	1	0	0	1	1	12	1	1·37	*–0·16*	16
Dorset.	Holton Heath ..	9 9 9	64	46·2	36·7	41·5	*–0·8*	55	1,2	28	9,28,29	42·2	46·6	0·91	23	–	5	11	9	7	0	0	0	1	4	15	2	2·23	*+0·48*	27
	Portland Bill ..	18–7 7	32	46·8	41·4	44·1	*–1·0*	54	2	31	28	–	–	0·76	19	–37	7	25	7	6	0	0	0	0	0	–	0	–	–	–
	Shaftesbury ..	9 9 9	722	43·4	36·4	39·9	+0·8	51	2,3,4	27	28	–	–	0·92	23	–43	7	11	9	9	2	0	1	1	–	–	–	–	–	–
Devon.	Arlington ..	9 9 9	613	46·3	37·0	41·7	+1·3	53	15	26	9	–	–	1·43	36	–86	9	11	15	8	1	0	2	0	–	8	–	–	–	–
	Cullompton ¶§	9 9 9	202	46·6	37·9	42·3	+1·3	56	2	27	9	44·0	–	0·84	21	–61	8	25	11	6	1	0	0	0	0	19	–	2·03	+0·32	24
	Ilfracombe ..	9 9 9	25	47·0	42·0	44·5	*+0·8*	53	1	33	30	44·6	49·7	1·39	35	–46	13	11	11	8	0	0	1	0	0	1	–	1·49	*+0·11*	18

† Plant Breeding Station. ¶§ § *See* Notes on Tables on last page of this issue.

TABLE III (*continued*).—SUMMARY of the RECORDS of TEMPERATURE, RAINFALL and SUNSHINE, and of WEATHER OBSERVATIONS, JANUARY, 1935

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. in.	mm.	Difference from Average. mm.	Most in a day. Amount. mm.	Date.	WEATHER. Number of days. Precip'n. 0·2 mm. or more.	1 mm. or more.	Snow.	Snow lying.	Hail.	Thunderstorm.	Fog (Morn'g Obs.)	Ground Frost.	Gale.	BRIGHT SUNSHINE. Hours per day. Daily Mean.	Difference from Average.	Per Cent.
	G.M.T.	ft.	°F.	°F.	°F.	°F.	°F.		°F.		°F.	°F.	in.	mm.	mm.	mm.												hr.	hr.	%
8b. ENGLAND, S.W.—*cont.*																														
Devon.—*cont.* Killerton ..	9 9 9	159	46·8	37·9	42·3	+0·8	56	2	27	9	–	–	0·80	20	–	6	11,25	10	6	–	–	–	–	0	17	–	–	–	–
Newton Abbot ..	9 9 9	375	46·5	38·5	42·5	–	54	1	28	9	–	–	0·62	16	–68	6	11	9	4	2	0	2	1	0	10	–	2·41	–	28
Paignton ..	9 9 9	12	47·5	39·0	43·3	+0·7	55	1,2	26	9	–	–	0·49	12	–	5	11	9	4	0	0	3	0	1	13	–	2·10	+0·26	25
Plymouth (Hoe)	2121 9	117	47·4	39·5	43·5	0·0	54	2	28	9	43·9	48·6	0·71	18	–66	7	25	9	6	0	0	1	0	3	7	2	2·25	+0·47	26
Plymouth (Mount Batten) ..	18–7 7	82	47·2	41·0	44·1	–0·8	54	2,16	29	9	–	–	0·78	20	–	7	25	8	6	1	0	3	0	0	7	2	2·38	+0·70	28
Princetown † ..	9 9 9	1430	42·6	34·4	38·6	+1·3	54	2	25	8,9	–	–	3·07	78	–125	16	1	15	10	2	0	2	2	4	15	–	–	–	–
Salcombe ..	9 9 9	39	48·1	37·8	42·9	–0·9	55	2	28	9	–	–	0·79	20	–	6	9,25	6	5	–	–	–	–	0	–	–	1·42	–0·60	17
Sidmouth ..	9 9 9	25	48·0	38·9	43·5	+1·4	58	2	29	9	–	–	0·47	12	–	5	25	6	4	0	0	1	0	0	13	–	2·41	–	28
Tavistock ..	9 9 9	457	45·8	37·1	41·5	–0·3	52	2	24	9	–	47·0	1·29	33	–81	9	25	10	9	0	0	3	0	0	13	2	–	–	–
Teignmouth ..	9 9 9	20	47·9	40·5	44·2	+1·3	56	1,2	29	9	–	–	0·50	13	–61	5	11	8	3	0	0	0	0	0	8	–	2·42	+0·47	29
Torquay	9 9 9	27	48·1	39·7	43·9	+0·6	56	1,2	29	9	–	47·9	0·50	13	–65	5	25	7	5	0	0	2	0	1	9	2	2·51	+0·49	30
Woolacombe ..	9 9 9	60	47·1	41·6	44·3	+0·6	52	1,2,15	32	9	–	–	1·13	29	–34	9	11	11	8	0	0	4	0	0	5	–	–	–	–
Cornwall. Falmouth Obs. ¶§	9 9 9	167	47·6	40·2	43·9	+0·1	54	2	30	8	43·3	48·8	1·66	42	–65	16	11	14	11	0	0	3	0	0	7	–	1·63	–0·26	19
Fowey	9 9 9	51	48·4	38·8	43·6	–0·7	53	1,2,16	28	8	–	–	1·27	32	–	8	11	13	12	0	0	1	0	1	–	–	1·80	–0·03	21
Gulval	9 9 9	20	48·7	38·9	43·8	–	54	14	27	30	–	–	1·74	44	–	13	11	16	11	0	0	1	0	–	5	–	1·63	–	19
The Lizard ..	18–7 7	240	47·1	41·4	44·3	–	52	1,2,15	32	28	–	–	1·26	32	–	6	11	14	8	1	0	2	0	1	–	3	–	–	–
Newquay ..	9 9 9	190	47·2	40·0	43·6	–0·1	53	2	29	30	44·9	49·1	1·26	32	–46	7	12	13	9	0	0	2	0	0	–	2	1·69	–0·13	20
Redruth	9 9 9	397	46·0	39·2	42·7	–0·2	51	1,2	30	8,9	–	–	1·60	41	–66	12	11	16	10	1	0	4	0	1	13	4	–	–	–
9. IRELAND, N.																														
Sligo. Markree Cas. ¶§	2121 9	122	47·8	37·7	42·7	+1·9	54	1,2	25	8	44·5	47·4	3·54	90	–10	17	12	20	17	3	0	4	0	0	–	4	0·83	–0·48	10
Mayo. Blacksod Pt. ¶	18–7 7	18	48·2	42·3	45·3	–	53	3	35	7,12	–	–	2·32	59	–70	8	10	18	13	0	0	5	0	0	–	4	–	–	–
Mallaranny §	9 9 9	113	48·3	40·5	44·4	+1·0	56	1	34	26	–	–	3·53	90	–	12	12	20	17	–	–	–	–	0	–	–	0·64	–0·58	8
Donegal. Malin Head ¶§	18–7 7	83	46·5	40·8	43·7	+1·0	52	3	32	8	–	–	2·34	59	– 7	10	11	19	13	0	0	5	1	1	–	2	0·54	–0·57	7S
Antrim. Aldergrove ..	18–7 7	238	44·6	37·9	41·3	–	53	1	26	17	–	–	1·20	31	–39	10	25	17	7	6	1	0	0	2	10	1	1·20	–	15
Down. Donaghadee ..	18–7 7	40	46·9	39·0	42·9	+0·4	55	1	32	9,12,28	–	–	1·13	29	–35	8	25	17	6	3	0	0	0	0	–	0	–	–	–
Hillsborough ..	9 9 9	388	43·9	35·8	39·8	–	53	1	27	17	42·7	–	1·28	33	–	7	25	17	8	4	2	0	0	1	11	2	1·30	–	16
Armagh. Armagh .. ¶§	2121 9	204	46·0	37·6	41·6	+1·3	54	1	27	8	42·9	45·7	1·44	37	–27	9	25	17	7	4	1	1	0	2	4	1	1·07	–0·34	14
Longford. Newtownforbes ..	2121 9	154	46·8	36·3	41·5	+1·2	55	1	25	8	42·8	46·5	1·57	40	–44	7	12	10	9	1	1	0	0	–	–	–	–	–	–
10. IRELAND, S.																														
Dublin. Balbriggan	9 9 9	203	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Dublin City .. ¶	2121 9	54	47·1	39·5	43·3	+0·6	55	1	31	8	–	–	1·18	30	–28	7	25	13	7	1	0	1	0	3	5	1	–	–	–
,, Glasnevin ..	2121 9	55	47·1	36·1	41·6	–0·1	54	1	26	8	–	–	1·33	34	–25	8	25	16	9	1	0	1	0	1	9	1	–	–	–
,, Phœnix Pk. §	2121 9	155	46·8	36·7	41·7	+0·6	54	1	26	8	–	–	1·02	26	–32	9	25	13	7	2	1	1	0	1	11	–	1·59	–0·16	20
,, Trin. Coll. ..	2121 9	13	48·2	39·8	44·0	+1·1	55	1	31	8	43·7	46·5	1·18	30	–25	7	25	11	9	3	0	0	0	–	14	2	–	–	–
Hazelhatch .. .. (Peamount San.)	9 9 9	366	45·8	36·3	41·1	–	53	1	28	8,27,28	41·3	45·3	1·22	31	–	7	11	10	7	–	–	–	–	4	–	–	1·36	–	17
Rathfarnham ..	9 9 9	169	46·7	38·4	42·5	–	54	1	29	8,9	43·9	–	1·24	31	–	6	11	12	8	3	0	2	0	2	8	–	1·51	–	19
Wicklow. Newcastle ..	2121 9	256	48·1	36·9	42·5	+0·6	55	15,16	31	28, 29	–	–	1·60	41	–	10	25	12	11	1	0	0	0	1	–	–	–	–	–
Offaly. Birr Castle ¶§	18–7 7	173	45·7	38·4	42·1	+0·1	53	1	23	8	43·9	47·1	1·24	31	–41	9	11	13	7	0	0	1	0	2	11	0	1·06	–0·48	13
Leix. Mountmellick ..	9 9 9	252	44·0	37·5	40·7	+0·3	54	3	24	8	–	–	1·57	40	–	8	11	15	9	–	–	–	–	–	–	–	–	–	–
Waterford. Seskin, Carrick-on-Suir	2121 9	535	44·5	37·1	40·8	–0·3	52	1,2	30	7,8,28	–	–	1·41	36	–	11	11	14	9	2	0	0	0	1	11	2	1·44	–0·35	18
Waterford ¶	9 9 9	137	47·1	38·7	42·9	+0·6	55	1	27	8	–	–	0·63	16	–77	5	11	11	6	0	0	1	0	6	–	3	–	–	–
Limerick. Foynes	9 9 9	43	47·0	39·3	43·1	+0·6	53	1	26	8	–	–	1·57	40	–56	12	12	16	9	–	–	–	–	–	–	–	–	–	–
Kerry. Valentia Obs. ¶§	242424	30	48·2	41·9	45·1	+0·2	54	1	30	7	45·1	48·4	1·07	27	–112	8	11	16	10	0	0	4	0	0	4	4	1·21	–0·15	15S
	18–7 –	—	48·0	42·4	45·2	–0·5																								
Cork. Ballinacurra §	9 9 9	24	48·0	38·1	43·1	+0·4	55	1	27	8	–	–	0·76	19	–82	5	11	9	5	0	0	0	0	–	–	–	1·35	–0·19	16
Cork	9 9 9	57	47·6	38·7	43·1	–	55	1,2	26	8	–	–	0·84	21	–82	8	11	9	6	0	0	0	0	2	13	–	1·48	–	18
Roche's Pt. ¶	18–7 7	22	47·4	42·0	44·7	–0·4	55	1	33	8	–	–	0·82	21	–84	7	11	9	5	0	0	1	0	0	–	1	–	–	–
11. CHANNEL ISLES AND SCILLY.																														
Scilly. St. Mary's ¶§	18–7 7	163	48·0	43·5	45·7	–1·3	52	1,10,15	37	8,30	–	–	0·98	25	–51	5	11	17	8	0	0	3	0	1	–	3	1·66	–0·29	19
Guernsey. St. Peter Port ¶§	18–7 7	175	47·1	42·7	44·9	0·0	54	2	32	9	44·4	49·0	1·00	25	–49	9	25	9	7	1	0	5	0	0	1	4	2·03	+0·04	24
Jersey. St. Heliers ¶§	9 9 9	28	47·8	41·1	44·5	+1·0	55	2	33	30	–	–	1·14	29	–46	7	11	15	8	2	0	0	0	2	–	–	1·94	–0·21	22
GIBRALTAR	18–7 7	102	59·8	47·6	53·7	–1·7	66	1,2,5	35	29	–	–	2·36	60	–69	17	10	8	6	0	0	2	1	0	2	0	–	–	–
MALTA	18–7 7	231	54·6	46·2	50·7	–3·8	60	1	42	22	–	–	5·20	132	+57	27	24	26	22	0	0	7	5	0	–	3	4·64	–	47

¶§ *See* Notes on Tables on last page of this issue.

† During the month of January observations were taken at 8 hrs.

TABLE III (*a*).—RIVER TEMPERATURE

Place.	River.	Hour.	Highest.	Lowest.	Mean.	Difference from Average.
			°F.	°F.	°F.	°F.
Belper	Derwent	9	48·0	39·0	43·6	+3·2
Atten-borough	Trent	7	47·4	37·5	43·3	–
	,,	18	48·0	38·0	43·5	–

TABLE III (*b*).—SKY OBSERVATIONS, JANUARY, 1935

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

NIGHT SKY RECORDER.**	GREENWICH.	PORTON.
Recorder in operation on	29 nights	31 nights
Average exposure (hours)	13·18	12·84
Polaris unobscured (per cent.)	30	38
δ Ursæ Minoris (ditto)	24	28

TABLE III (*c*).—SOLAR RADIATION.

DIRECT SOLAR RADIATION KEW OBSERVATORY.	
Cal./cm.²/diem.	
Max. (28th) ..	241
Mean	38

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

TABLE IV.—SUMMARY of the OBSERVATIONS of PRESSURE, TEMPERATURE, HUMIDITY, CLOUD, VISIBILITY and WIND at fixed hours at certain Stations during the month of JANUARY, 1935

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.	4 to 7	1 to 3	Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
0. SCOTLAND, N.	G.M.T.	ft.	mb.	mb.	°F.	°F.	mb.	%	8·1	0	1	5	15	10	0	0	0	0	2	0	0	12	17	0	3	20	7	1	4	1	1	1	3	5	8	7
	1	160	1016·7	–	41·7	1·6	7·8	86																										
	7	160	1016·1	+9·2	41·1	1·2	7·9	89	7·7	0	3	6	9	13	0	0	0	0	1	1	6	9	14	0	4	17	9	1	4	1	1	1	3	5	8	7
Shetlands. Lerwick	13	160	1016·4	–	42·1	1·6	7·8	86	8·1	0	2	3	17	9	0	0	0	0	0	3	1	14	13	0	3	18	10	0	5	1	0	0	5	4	7	9
	18	160	1016·8	–	41·2	1·4	7·7	87	8·0	0	0	7	15	9	0	0	0	0	1	0	3	12	15	0	0	18	13	0	1	2	1	0	4	1	8	14
	9	165	1018·3	–	41·9	1·8	7·6	84	7·5	0	1	8	15	7	0	0	0	0	0	0	8	8	15	0	–	–	–	–	–	–	–	–	–	–	–	–
Orkneys. Deerness	21	165	1019·1	–	41·5	1·6	7·5	86	7·9	0	3	3	15	10	0	0	0	0	0	0	0	7	24	0	–	–	–	–	–	–	–	–	–	–	–	–
	1	83	1021·0	–	42·6	1·4	8·3	88	8·3	0	1	6	8	16	0	0	0	0	0	1	12	10	8	0	3	13	13	2	4	1	0	0	2	12	4	6
	(7)	83	1020·3	+12·3	42·5	1·4	8·3	88	8·1	0	0	6	12	13	0	0	0	0	0	3	7	12	9	0	3	13	13	2	4	1	1	0	2	8	7	6
Hebrides. Stornoway ..	13	83	1021·0	–	43·5	1·8	7·9	85	8·9	0	0	3	7	21	0	0	0	0	0	2	6	14	8	1	1	12	15	3	3	1	0	1	4	7	6	6
	18	83	1020·9	–	43·1	1·5	8·2	87	8·5	0	2	3	5	21	0	0	0	0	0	2	10	15	4	0	1	17	12	1	3	2	0	1	2	8	7	7
	1	79	1020·0	–	41·5	0·9	8·1	92	8·4	0	0	6	13	12	0	0	0	0	0	0	1	5	25	0	3	12	16	0	1	1	0	1	0	7	12	9
	(7)	79	1019·1	+10·8	41·3	1·0	8·0	91	8·3	0	0	5	13	13	0	0	0	0	0	1	0	4	26	0	4	13	14	0	1	0	0	0	3	9	9	9
Caithness. Wick	13	79	1019·7	–	42·9	1·1	8·5	91	8·4	0	0	2	17	12	0	0	0	0	0	0	2	4	25	0	2	13	16	0	2	1	0	1	2	6	10	9
	18	79	1019·5	–	41·5	1·0	8·0	91	8·8	0	0	2	14	15	0	0	0	0	0	0	1	7	23	0	1	12	18	0	2	1	0	1	2	6	10	9
	(7)	1180	978·6	–	35·5	0·8	6·3	92	8·1	0	4	5	13	9	0	0	0	0	1	1	6	13	10	0	0	7	15	9	7	2	0	0	6	2	5	0
Inverness. Dalwhinnie † ..	13	1180	978·8	–	38·2	1·3	6·8	88	8·1	1	2	3	8	17	0	0	0	1	0	0	5	8	17	0	0	4	23	4	8	2	0	0	6	3	8	0
	18	1180	978·7	–	36·2	1·2	6·3	88	8·7	0	2	3	6	20	0	0	0	0	0	1	11	13	6	0	0	3	20	8	6	3	0	0	5	2	7	0
	9	250	1021·3	–	40·2	1·6	7·2	86	5·5	0	5	18	5	3	0	0	1	0	0	1	1	4	10	14	0	10	17	4	2	1	0	1	11	5	5	2
Inverness. Inverness	17	250	1021·5	–	41·2	1·8	7·3	84	5·5	0	4	18	6	3	0	0	0	0	0	1	2	1	22	5	0	15	14	2	0	2	1	1	12	6	6	1
1. SCOTLAND, E.																																				
	(7)	85	1020·6	+9·8	40·2	2·1	6·9	82	6·7	3	5	4	12	7	0	0	0	0	0	1	7	16	7	0	0	9	19	3	3	0	1	0	4	5	8	7
	13	85	1020·9	+10·0	42·9	2·7	7·2	77	7·6	1	2	5	20	3	0	0	0	1	0	1	7	9	13	0	0	13	18	0	2	0	0	1	3	5	8	12
Aberdeen. Aberdeen H	18	85	1021·1	+10·0	41·1	2·2	7·1	81	6·8	3	3	5	15	5	0	0	0	0	1	3	6	14	7	0	0	12	16	3	2	0	0	1	3	5	7	10
	21	85	1020·9	+9·7	40·6	2·2	6·9	81	6·3	6	3	3	8	11	0	0	0	0	0	4	5	14	8	0	0	11	20	0	1	0	1	0	5	5	13	6
	h.*	85	1020·8	+9·6	41·0	2·3	7·1	80																										
Aberdeen. Braemar‡	9	1108	1021·7	–	36·7	1·6	6·3	85	8·5	1	1	4	7	18	0	0	0	0	0	3	17	10	1	0	1	6	12	12	3	0	1	0	0	9	2	4
Perth. Crieff	9	482	1022·2	–	39·3	1·9	(6·7)	83	7·4	0	2	10	9	10	–	–	–	–	–	–	–	–	–	–	0	11	20	0	7	2	3	0	2	2	10	5
	21	482	1022·2	–	38·9	2·3	6·4	79	6·5	6	4	2	7	12	–	–	–	–	–	–	–	–	–	–	1	5	25	0	6	2	4	0	1	0	13	5
	1	184	1022·9	–	40·5	1·4	7·7	87	6·9	0	6	6	10	9	0	0	0	1	3	1	1	12	13	0	1	12	18	0	3	0	2	0	1	14	6	5
	7	184	1022·4	–	40·6	1·5	7·6	87	6·9	0	5	9	8	9	0	0	0	0	1	1	3	4	20	2	1	14	16	0	3	1	1	0	0	13	8	5
Fife. Inchkeith	13	184	1023·0	–	42·1	2·0	7·5	83	7·8	0	2	5	20	4	0	0	0	2	5	1	5	6	12	0	0	13	18	0	3	2	0	0	0	16	7	3
	18	184	1023·0	–	41·3	1·5	7·6	87	7·0	0	4	10	8	9	0	0	0	0	0	2	9	9	11	0	0	11	20	0	3	1	1	0	2	14	7	3
	7	36	1022·1	–	38·8	1·8	6·7	83	6·5	0	8	6	9	8	0	0	0	0	1	0	6	17	7	0	0	10	18	3	1	0	1	0	1	8	13	4
Fife. Leuchars H	13	36	1022·2	–	43·3	2·9	7·2	76	6·7	0	7	5	14	5	0	0	0	0	0	1	7	7	14	2	0	12	18	1	2	0	1	0	0	8	13	6
	18	36	1022·3	–	39·7	1·9	6·9	83	5·9	0	9	6	11	5	0	0	0	0	1	3	9	9	8	1	0	7	20	4	2	0	0	1	0	9	10	5
Mid Lothian. Edinburgh ..	9	441	1023·1	–	39·3	1·7	6·9	85	6·7	0	8	5	9	9	0	0	1	3	1	13	13	0	0	0	1	11	16	3	1	1	0	0	1	8	13	4
(Blackford Hill)	21	441	1023·1	–	39·6	1·7	7·2	85	6·3	4	7	3	2	15	0	0	0	1	3	8	16	2	1	0	1	8	20	2	1	2	1	1	1	3	15	5
6a. SCOTLAND, W.																																				
	7	40	1022·7	–	43·6	1·5	8·6	87	7·6	0	4	6	8	13	0	0	0	0	0	4	7	12	8	0	2	19	9	1	5	0	2	4	4	3	7	5
Argyll. Tiree	13	40	1023·2	–	45·1	1·9	8·6	85	8·0	0	5	1	13	12	0	0	0	0	1	2	8	11	8	1	1	22	8	0	4	0	3	2	4	4	6	8
	18	40	1023·3	–	44·4	1·8	8·3	85	8·0	0	2	3	16	10	0	0	0	0	0	1	6	17	5	2	1	19	10	1	7	1	1	3	3	3	8	4
	9	187	1023·7	–	41·3	1·7	7·5	85	6·5	0	5	9	13	4	0	1	1	1	1	1	15	4	7	0	3	10	16	2	3	0	4	1	1	4	6	10
Bute. Rothesay	21	187	1023·9	–	41·7	1·3	8·0	89	6·5	0	6	9	8	8	0	0	1	0	0	5	6	14	5	0	2	9	18	2	3	0	3	1	2	1	5	14
	7	24	1023·4	–	39·3	1·5	7·0	87	7·9	1	3	3	9	15	0	1	2	0	0	2	9	13	4	0	0	9	17	5	1	1	1	1	3	6	7	6
Renfrew. Renfrew	13	24	1023·4	–	42·1	2·0	7·5	83	8·3	1	2	1	15	12	0	2	0	1	4	4	4	3	12	1	0	10	16	5	2	2	0	1	3	4	12	2
(Abbotsinch)	18	24	1023·6	–	39·9	1·5	7·3	87	7·0	3	3	4	7	14	1	1	1	1	2	3	5	8	9	0	0	8	17	6	3	2	1	0	1	7	8	3
	7	778	1023·7	–	36·7	1·4	6·4	86	6·8	0	8	3	8	12	0	0	0	0	1	0	6	10	14	0	0	12	13	6	7	3	0	1	2	4	4	4
	13	778	1023·4	–	39·4	1·9	6·8	83	8·0	0	4	2	11	14	0	1	0	0	1	2	7	5	14	1	0	14	12	5	4	3	0	1	6	4	4	4
Dumfries. Eskdalemuir‡‡ H	18	778	1023·7	–	37·6	1·5	6·5	86	6·4	1	9	4	4	13	0	1	0	0	0	4	7	6	13	0	0	11	16	4	5	3	1	0	6	5	3	4
	21	778	1023·9	–	36·9	1·4	6·4	86	6·1	5	3	7	6	10	0	0	2	0	2	1	7	7	12	0	0	9	16	6	5	4	0	1	2	4	6	3
	h.*	778	1023·7	–	37·6	1·6	6·5	86																										
6b. ISLE OF MAN.																																				
Isle of Man. Douglas .. H	9	286	1025·1	+10·5	41·9	1·8	7·9	85	7·4	0	4	2	18	7	0	0	0	0	1	0	6	1	23	0	3	9	19	0	8	3	1	1	1	3	7	7
2. ENGLAND, N.E.																																				
	9	331	1021·7	–	38·8	1·3	7·1	88	6·7	0	5	10	7	9	0	0	0	0	0	0	0	7	1	15	8	0	10	21	0	3	1	0	0	0	2	14	11
Northumberland. Cockle Park ..	21	331	1022·1	–	39·1	1·1	7·3	90	7·1	0	5	7	7	12	0	0	0	1	0	0	11	10	9	0	0	5	25	1	7	1	0	0	0	1	14	7
	1	122	1022·5	–	40·9	1·6	7·5	86	6·1	4	3	9	8	7	0	0	1	1	1	1	5	18	4	0	0	10	21	0	3	1	1	1	0	3	14	8
	7	122	1022·5	+9·3	40·5	1·6	7·5	86	6·2	0	10	8	6	7	0	0	0	0	0	2	3	23	3	0	0	8	23	0	5	2	0	0	0	4	16	4
Northumberland. Tynemouth ..	13	122	1022·4	–	43·0	2·1	7·7	82	7·2	0	1	13	14	3	0	0	0	1	1	4	11	11	3	0	0	11	20	0	5	1	1	1	0	3	14	6
	18	122	1022·6	–	41·7	1·6	7·8	86	7·4	0	2	10	13	6	0	0	1	1	0	2	13	12	2	0	0	11	19	1	5	1	1	0	0	5	14	4

* Mean of hourly readings. † Pressure at Station level.

‡ Mean pressure at Station Level is 979·9 mb.

‡‡ Mean pressures at Station Level are 994·2 mb. at 7 h., 994·1 mb. at 13 h., 994·2 mb. at 18 h., and 994·4 mb. at 21 h.

TABLE IV (*continued*).—SUMMARY of the OBSERVATIONS of PRESSURE, TEMPERATURE, HUMIDITY, CLOUD, VISIBILITY and WIND at fixed hours at certain Stations during the month of JANUARY, 1935

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.	4 to 7	1 to 3	Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
2. ENGLAND, N.E.—*cont.*			G.M.T.	ft.	mb.	mb.	°F.	°F.	mb.	%																									
Durham.	Durham ..	..	9	352	(1023·7)	-	38·8	1·3	7·1	88	7·8	2	2	2	12	13	0	0	0	3	6	7	9	4	*2*	*0*	1	7	12	11	2	1	0	0	2	1	9	5
			21	352	(1023·5)	-	39·2	1·4	7·1	87	5·3	12	2	2	1	14	0	0	1	2	2	7	8	10	*1*	*0*	0	7	13	11	5	0	0	0	0	3	5	7
Yorks., N. Riding	Catterick ..	H	7	186	1023·6	-	38·7	1·4	7·0	87	6·5	3	3	7	10	8	0	0	1	1	2	1	*5*	10	*11*	*0*	0	7	21	3	4	0	0	3	1	0	9	11
			13	186	1023·4	-	43·1	2·4	7·7	80	8·1	0	3	2	18	8	0	0	1	0	0	3	*7*	5	*14*	*1*	0	12	14	5	5	1	0	1	2	1	7	9
			18	186	1023·6	-	40·2	1·5	7·5	87	7·2	2	3	4	13	9	0	0	1	1	1	0	*6*	9	*13*	*0*	0	9	19	3	6	1	0	1	1	4	7	8
Yorks., N. Riding	Scarborough ..		9	96	1023·0	-	41·4	2·2	7·0	81	6·9	0	3	11	14	3	0	5	2	0	2	1	16	3	*2*	*0*	1	4	26	0	2	2	0	0	0	2	5	20
	York ..	..	9	53	1024·1	-	38·5	1·2	7·2	89	6·3	4	4	7	4	12	-	-	-	-	-	-	-	-	-	-	0	2	29	0	11	1	0	0	2	2	9	6
			21	53	1023·6	-	39·9	1·3	7·4	88	6·6	10	0	1	1	19	-	-	-	-	-	-	-	-	-	-	0	1	30	0	6	3	0	0	3	3	7	9
Yorks., E. Riding	Spurn Head ..		1	28	1022·4	-	40·5	0·7	8·2	93	7·4	0	5	6	10	10	*0*	*3*	1	0	0	*3*	*8*	6	10	*0*	0	7	15	9	3	2	2	0	0	2	2	11
			7	28	1022·6	+8·1	39·9	0·7	7·8	93	8·2	1	0	4	15	11	*3*	*0*	0	1	1	*1*	*5*	11	9	*0*	1	10	11	9	6	2	2	1	0	1	2	8
			13	28	1022·8	-	42·0	1·0	8·3	91	7·9	0	0	5	19	7	*1*	*0*	1	4	1	*0*	*9*	9	6	*0*	1	9	9	12	7	2	0	0	0	1	4	5
			18	28	1022·6	-	41·0	0·8	8·1	93	7·7	0	0	8	16	7	*1*	*3*	0	2	0	*2*	*8*	12	3	*0*	1	11	5	14	4	3	0	1	0	0	5	4
Lincoln.	Cranwell ..	H	7	243	1024·1	-	37·7	0·7	7·3	94	7·8	1	3	3	12	12	0	2	3	2	*3*	3	13	4	1	*0*	0	12	18	1	3	1	0	0	2	3	9	12
			13	243	1024·1	-	41·4	1·6	7·8	87	7·6	2	3	2	17	7	0	0	0	1	*1*	7	18	2	2	*0*	0	13	17	1	2	2	0	0	1	5	8	12
			18	243	1024·2	-	39·0	0·9	7·5	91	6·4	2	6	6	7	10	0	1	0	1	*7*	3	18	1	0	*0*	0	11	19	1	3	3	0	2	0	5	8	9
3. ENGLAND, E.																																					
Norfolk.	Cromer ..	H	9	74	1022·3	-	40·2	1·1	7·7	90	7·1	0	3	9	10	9	0	0	1	0	0	3	*6*	*4*	*15*	*2*	1	8	22	0	10	2	2	0	6	0	9	2
			1	26	1022·8	-	39·9	0·8	7·8	93	7·1	4	2	4	9	12	0	0	1	2	*1*	4	*9*	*12*	2	*0*	0	12	19	0	4	4	1	0	1	5	9	7
Norfolk.	Yarmouth..	..	7	26	1022·4	+6·6	39·8	0·9	7·7	92	8·2	0	2	4	14	11	0	2	0	0	*1*	3	*14*	*11*	0	*0*	0	12	19	0	3	2	1	0	0	8	8	9
			13	26	1022·6	-	42·7	1·9	7·9	84	7·6	0	2	7	15	7	0	0	2	1	*1*	1	*17*	*9*	0	*0*	0	17	14	0	4	4	1	0	2	4	6	10
			18	26	1022·8	-	40·9	1·5	7·6	87	8·2	1	0	7	7	16	0	1	2	0	*0*	6	*14*	*8*	0	*0*	0	15	13	3	4	3	1	0	2	6	6	6
Suffolk.	Felixstowe Aero.		7	20	1023·3	-	39·5	1·2	7·3	89	7·9	0	3	5	11	12	0	2	1	2	2	1	7	*16*	*0*	*0*	0	10	21	0	7	2	0	1	0	3	7	11
			13	20	1023·4	-	42·0	2·0	7·5	83	7·5	0	5	4	12	10	0	1	0	1	4	1	7	*11*	*6*	*0*	0	14	17	0	8	1	1	1	0	4	7	9
			18	20	1023·4	-	40·3	1·5	7·3	87	6·3	2	9	3	7	10	0	0	1	4	3	1	5	*16*	*1*	*0*	0	12	18	1	7	2	0	1	0	4	6	10
Cambridge.	Cambridge	H	9	43	1024·8	+7·7	39·2	1·0	7·6	92	7·6	3	1	5	6	16	-	-	-	-	-	-	-	-	-	-	0	3	20	8	7	2	0	0	1	1	3	9
			21	43	1024·4	+7·6	38·4	0·9	7·5	92	7·5	6	0	3	2	20	-	-	-	-	-	-	-	-	-	-	0	2	24	5	6	3	2	0	2	5	3	5
Hertford.	Rothamsted		9	396	1024·4	-	39·0	1·1	7·2	90	6·6	3	5	3	16	4	0	0	0	*2*	0	*10*	*19*	*0*	*0*	*0*	0	4	20	7	12	4	0	0	0	1	1	6
Essex.	Shoeburyness	H	7	14	1023·7	-	39·1	0·9	7·5	91	7·6	4	3	4	12	8	2	1	0	0	2	4	5	10	7	0	0	6	22	3	5	3	0	0	1	3	8	8
			13	14	1023·9	-	43·0	2·0	7·9	83	7·1	0	9	3	10	9	0	0	2	0	4	1	7	12	5	0	0	10	20	1	4	4	1	0	0	5	5	11
			18	14	1023·9	-	40·0	1·3	7·7	89	5·8	4	7	4	8	8	0	0	1	3	3	1	6	10	7	0	0	5	23	3	7	2	1	0	1	3	6	8
4. MIDLAND COUNTIES.																																					
Yorks., W. Riding	Harrogate	..	7	478	1023·9	-	38·1	1·2	6·9	89	6·4	1	8	3	13	6	0	1	*1*	0	0	3	3	*23*	0	0	1	7	20	3	6	1	0	0	0	9	11	1
			13	478	1023·7	-	41·3	2·0	7·2	83	7·7	0	4	3	17	7	0	1	*1*	0	0	2	3	4	*11*	5	4	0	10	20	1	5	1	0	0	1	11	7	5
			18	478	1024·0	-	39·4	1·3	7·1	88	6·7	2	8	1	9	11	0	0	*1*	0	4	7	2	*17*	0	0	0	4	25	2	6	2	0	0	2	10	8	1
Nottingham.	Nottingham	..	9	215	1024·3	-	39·8	1·6	7·2	86	7·2	0	6	6	7	12	1	1	2	7	13	1	6	0	*0*	*0*	0	1	30	0	9	1	0	0	2	1	13	5
Warwick.	Birmingham	H	7	542	1025·4	-	39·0	1·1	7·5	90	7·9	0	3	5	10	13	0	1	0	2	1	7	8	8	*4*	*0*	0	8	23	0	5	4	0	0	2	2	7	11
			13	542	1025·1	-	41·9	2·4	7·3	79	7·1	0	5	6	13	7	0	0	0	4	13	6	6	2	*0*	*0*	0	9	22	0	7	3	1	0	1	3	6	10
			18	542	1025·1	-	41·1	1·8	7·5	84	8·2	0	3	3	12	13	0	0	0	1	4	15	7	2	*22*	*0*	0	8	23	0	7	3	0	1	2	2	5	11
Oxford.	Oxford ..	..	9	212	1025·9	+8·3	39·8	1·5	7·3	87	7·3	0	6	2	12	11	0	2	*0*	2	3	3	11	5	5	*0*	0	6	24	1	8	4	0	0	1	5	6	6
Shropshire.	Shrewsbury	H	9	186	1025·8	-	39·8	1·8	7·1	84	7·9	0	3	6	8	14	1	0	2	0	2	0	11	1	14	*0*	0	7	12	12	3	2	0	0	3	0	9	2
Hereford.	Ross-on-Wye	H	7	226	1025·5	-	40·2	1·9	7·2	83	8·3	0	4	1	12	14	*0*	*0*	1	1	1	4	7	5	12	*0*	0	4	20	7	7	3	0	1	1	4	6	2
			13	226	1025·0	-	44·1	3·2	7·4	74	7·9	0	2	7	11	11	*0*	*0*	0	0	1	2	7	3	18	*0*	0	6	25	0	7	4	1	0	0	6	8	5
			18	226	1025·4	-	42·1	2·5	7·3	79	7·3	0	8	1	11	11	*0*	*0*	0	0	2	4	11	3	11	*0*	0	4	27	0	6	4	0	0	2	5	6	8
			21	226	1025·6	-	41·6	2·2	7·4	81	7·6	1	5	3	8	14	*0*	*0*	0	0	4	3	7	7	10	*0*	0	5	24	2	6	3	1	0	1	7	8	3
Gloucester.	Cheltenham	H	9	230	1026·4	-	40·5	1·7	7·2	84	8·2	0	3	3	13	12	0	*0*	0	3	5	10	3	8	*2*	*0*	0	1	27	3	7	4	1	0	1	2	4	9
			21	230	1025·9	-	41·0	1·7	7·5	85	8·1	1	1	4	11	14	0	*0*	0	3	1	10	8	9	*0*	0	0	0	29	2	5	4	0	1	0	3	3	13
5. ENGLAND, S.E.																																					
London.	*g*Greenwich	H	9	152	1025·0	+7·0	40·2	1·5	7·5	87	8·3	2	1	2	8	18	1	0	3	5	12	7	3	0	0	*0*	0	12	18	1	11	3	1	0	1	4	4	6
			15	152	1024·1	+6·9	42·7	2·4	7·5	79	7·6	2	4	1	12	12	0	0	2	4	6	14	5	0	0	*0*	0	15	16	0	10	4	1	0	2	5	3	6
			21	152	1024·7	+7·0	40·6	1·7	7·5	85	8·6	2	1	1	7	20	0	2	0	3	5	16	5	0	0	*0*	0	10	21	0	10	4	1	0	2	5	5	4
			h.*	152	1024·6	+7·0	40·7																															
London.	Kew Observatory	H	7	34	1024·7	+7·2	40·2	1·5	7·4	87	7·4	1	5	4	8	13	0	1	1	2	2	7	7	11	0	*0*	0	4	27	0	8	4	0	1	1	6	5	6
			13	34	1024·7	+7·3	43·6	2·8	7·4	77	7·9	1	6	0	10	14	0	1	1	0	4	5	17	3	0	*0*	0	8	22	1	6	5	1	0	0	4	5	9
			18	34	1024·8	+7·3	42·0	2·1	7·4	82	7·6	3	2	2	11	13	0	0	0	1	3	11	13	3	0	*0*	0	3	28	0	10	2	0	1	0	5	6	7
			21	34	1025·0	+7·3	41·0	1·7	7·4	85	7·6	3	3	2	7	16	0	1	0	2	3	8	11	5	1	*0*	0	3	28	0	8	3	0	0	2	5	8	5
			h.*	34	1024·9	+7·3	41·4	1·9	7·6	84																												
London.	Kensington	..	9	66	1024·8	-	40·8	1·7	7·4	85	8·0	2	1	4	7	17	0	0	3	4	12	*7*	5	0	*0*	*0*	0	2	29	0	2	11	0	0	0	1	4	13
			15	—	-	-	43·6	2·7	7·6	78	7·5	2	2	5	9	13	-	-	-	-	-	-	-	-	-	-	0	5	26	0	5	9	0	0	1	3	3	10
			18	—	-	-	42·3	2·2	7·3	81	7·5	2	5	1	7	16	-	-	-	-	-	-	-	-	-	-	0	5	26	0	8	6	0	1	0	2	5	9
London.	Stroud Green	..	7	237	1024·7	-	39·2	1·1	7·2	90	8·1	1	1	5	10	14	0	1	0	2	1	8	15	4	*0*	*0*	0	6	24	1	7	4	0	0	1	4	5	9
Surrey.	Croydon Aero.	H	1	225	1024·8	-	39·7	1·2	7·6	89	7·5	3	3	3	8	14	0	0	1	0	5	8	11	5	*1*	*0*	0	7	22	2	5	2	0	0	3	4	9	6
			7	225	1024·6	-	39·6	1·2	7·6	89	7·9	1	2	4	9	15	0	1	1	1	8	3	10	4	*3*	*0*	0	8	21	2	6	4	1	0	1	5	7	5
			13	225	1024·7	-	42·6	2·4	7·6	81	8·5	1	0	3	18	9	1	1	0	0	12	7	10	0	*0*	*0*	0	11	18	2	7	4	0	0	1	3	7	7
			18	225	1024·6	-	40·7	1·7	7·5	86	7·3	4	4	0	12	11	0	0	0	6	7	12	6	0	*0*	*0*	0	7	23	1	4	3	1	0	3	3	7	9
Surrey.	Wisley ..	..	9	85	1025·0	-	40·2	1·7	7·1	85	8·8	0	2	1	12	16	0	0	0	3	0	7	15	6	*0*	*0*	0	2	28	1	5	5	1	0	2	4	3	10

* Mean of hourly readings. *g* Temperature from thermometers on a Glaisher stand.

TABLE IV (*continued*).—SUMMARY of the OBSERVATIONS of PRESSURE, TEMPERATURE, HUMIDITY, CLOUD, VISIBILITY and WIND at fixed hours at certain Stations during the month of JANUARY, 1935

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							
																	FOG.				MIST.	POOR VIS.	MOD. VIS.	GOOD VISIBILITY.													
												0	1 to 3	4 to 6	7 to 9	10	0	1	2	3	4	5	6	7	8	9	8 or more.	4 to 7	1 to 3	Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
5. ENGLAND, S.E.—*cont.*			G.M.T	ft.	mb.	mb.	°F.	°F.	mb.	%																									
Kent.	Biggin Hill	H	7	572	1024·8	-	38·5	1·2	7·2	89	8·5	1	3	1	4	22	1	3	0	4	4	2	4	12	1	0	0	7	22	2	8	3	0	0	1	3	7	7
			13	572	1024·8	-	41·3	2·3	7·2	80	8·0	2	2	2	12	13	0	0	0	1	5	4	16	5	0	0	0	8	23	0	6	4	1	0	2	4	8	6
			18	572	1024·9	-	39·4	1·8	7·1	85	7·0	2	6	4	4	15	0	0	0	5	2	6	16	2	0	0	0	7	22	2	9	2	1	0	3	2	6	6
Kent.	Dungeness	..	7	—	-	-	39·7	1·3	7·4	88	7·7	0	3	6	18	4	0	1	2	0	2	5	12	9	0	0	0	7	22	2	2	1	3	2	0	4	4	13
			13	—	-	-	43·1	1·8	8·0	85	8·1	1	0	5	21	4	0	0	0	1	4	3	14	9	0	0	0	12	19	0	7	2	1	1	2	5	3	10
			18	—	-	-	41·1	1·5	7·6	87	7·5	0	3	7	18	3	0	0	1	1	0	11	13	5	0	0	0	6	25	0	6	4	0	0	1	5	2	13
Kent.	Lympne ..	H	1	345	1024·2	-	38·2	1·2	7·1	88	6·4	5	5	3	6	12	0	1	2	3	3	4	10	4	4	0	0	12	19	0	10	4	1	0	0	2	6	8
			7	345	1023·9	-	37·9	1·0	7·1	89	7·1	0	7	2	12	10	0	0	1	3	4	3	11	4	4	1	0	13	18	0	10	3	2	1	0	2	3	10
			13	345	1024·1	-	41·2	2·1	7·3	81	7·7	1	4	4	8	14	0	1	0	1	3	7	6	10	3	0	0	15	16	0	8	4	0	1	1	5	4	8
			18	345	1024·1	-	39·4	1·8	7·1	85	7·5	2	4	1	12	12	0	0	0	2	5	6	10	6	2	0	0	11	20	0	11	3	0	0	0	4	5	8
Kent.	Manston ..	..	7	141	1023·3	-	39·3	0·8	7·7	93	7·1	0	5	6	7	13	0	0	0	3	5	4	4	11	4	0	0	16	14	1	7	3	0	0	1	4	7	8
			13	141	1023·5	-	41·9	1·8	7·9	87	7·8	1	4	1	13	12	0	1	0	2	1	3	5	15	4	0	0	19	10	2	6	3	1	0	1	3	5	10
			18	141	1023·5	-	40·6	1·3	7·7	88	7·5	0	3	9	9	10	0	0	0	2	3	4	4	15	3	0	0	13	17	1	7	3	0	0	0	3	10	7
Kent.	Tunbridge Wells ..		9	407	1025·0	-	38·7	0·5	7·7	95	7·8	2	2	5	5	17	0	2	0	0	7	13	8	1	0	0	0	3	28	0	3	6	0	0	0	1	4	17
Sussex.	Brighton ..	H	9	48	1024·8	-	40·7	1·4	7·7	88	8·0	0	0	8	10	13	0	0	0	1	17	6	5	0	2	0	0	0	30	1	6	7	1	0	0	7	2	7
Sussex.	St. Leonards	H	9	174	1024·5	-	40·1	1·6	7·3	85	7·7	1	2	7	10	11	0	0	0	0	5	3	20	3	0	0	1	4	26	0	7	2	0	0	0	4	7	11
			21	174	1024·6	-	40·4	1·7	7·3	84	6·2	7	3	4	3	14	0	0	0	0	0	13	16	2	0	0	1	3	27	0	7	5	0	0	0	4	5	10
Hampshire.	Calshot ..	..	7	15	1025·2	-	40·9	1·4	7·7	87	7·2	1	6	3	4	17	0	0	0	0	1	2	8	10	10	0	0	12	18	1	6	3	0	0	1	5	4	11
			13	15	1025·3	-	44·7	2·8	7·8	77	6·9	1	6	5	9	10	0	0	0	0	1	6	11	11	2	0	1	15	13	2	10	2	0	0	3	3	6	5
			18	15	1025·2	-	42·7	2·2	7·5	81	7·0	1	5	5	11	9	0	0	0	0	1	3	13	10	4	0	0	16	15	0	7	2	0	1	1	5	7	8
Hampshire.	Southampton ..		9	84	1026·1	+8·3	41·3	1·5	7·6	87	7·4	3	4	3	1	20	0	0	0	5	2	9	15	0	0	0	0	1	30	0	11	7	0	1	0	2	3	7
			21	84	1026·0	+8·5	42·0	1·7	7·4	85	7·7	1	3	2	11	14	0	1	2	2	5	12	9	0	0	0	0	3	28	0	9	5	0	0	1	2	1	13
Hampshire.	S. Farnborough	H	7	256	1024·9	-	39·2	1·0	7·5	90	8·2	1	4	0	11	15	0	0	0	2	1	2	2	15	9	0	0	0	2	25	4	5	4	0	0	1	1	6	10
			13	256	1025·0	-	43·8	2·9	7·5	76	8·5	0	1	2	17	11	0	0	0	0	2	1	1	15	9	3	0	0	8	23	0	9	4	1	0	1	2	8	6
			18	256	1025·1	-	40·6	1·8	7·3	84	7·8	0	3	5	11	12	0	0	0	0	1	3	5	14	6	2	0	0	8	22	1	8	3	0	0	2	1	6	10
I. of Wight.	Ventnor (Hosp.) ..		9	80	1025·5	-	42·1	1·8	7·7	84	6·7	0	11	1	5	14	-	-	-	-	-	-	-	-	-	-	0	7	24	0	13	1	2	1	0	1	6	7
			15	80	1024·8	-	44·5	3·0	7·7	76	6·4	4	4	5	8	10	-	-	-	-	-	-	-	-	-	-	0	5	26	0	10	3	3	0	0	2	3	10
Wilts.	Amesbury	H	7	418	1025·4	-	38·9	0·7	7·7	93	6·8	1	8	5	4	13	0	0	1	1	1	4	10	10	4	0	0	6	22	3	9	3	1	1	1	1	4	8
	(Boscombe Down)		13	418	1025·8	-	42·7	1·9	7·9	83	8·1	0	3	3	15	10	0	0	0	0	2	8	9	6	6	0	0	13	17	1	8	5	0	1	2	1	4	9
			18	418	1025·5	-	40·7	1·4	7·8	89	8·1	0	3	3	10	15	0	0	1	1	1	6	10	10	2	0	0	10	19	2	9	3	0	0	1	3	4	9
Wilts.	Larkhill ..	H	9	444	1026·0	-	38·9	1·0	7·4	90	7·2	1	7	2	11	10	0	0	1	1	4	0	7	7	11	0	0	11	16	4	7	6	2	0	0	1	5	6
			13	444	1025·5	-	42·6	2·2	7·7	82	7·5	0	6	2	14	9	0	0	0	0	3	0	8	9	11	0	0	12	18	1	5	8	1	1	0	3	5	7
			15	444	1025·1	-	42·3	2·0	7·7	83	7·4	1	5	3	11	11	0	0	0	0	2	1	12	5	11	0	0	11	19	1	9	6	1	0	0	3	5	6
7a. ENGLAND, N.W.																																					
Lancashire.	Hutton ..	..	9	86	-	-	38·9	1·2	7·2	89	6·5	0	7	8	6	10	-	-	-	-	-	-	-	-	-	-	0	1	24	6	1	3	2	0	3	3	4	9
Lancashire.	Manchester (Barton)	H	7	83	1025·1	-	38·8	1·0	7·4	91	6·9	1	7	3	6	14	0	0	3	1	1	7	12	5	2	0	0	9	22	0	6	2	2	2	3	1	6	9
			13	83	1025·0	-	42·4	2·0	7·8	83	8·3	0	3	2	13	13	0	1	3	3	3	10	6	3	2	0	0	13	17	1	7	2	3	0	2	4	4	8
			18	83	1024·9	-	40·6	1·4	7·7	88	7·2	2	5	3	6	15	1	0	1	1	9	4	13	2	0	0	0	9	21	1	7	4	3	0	3	2	4	7
Lancashire.	Manchester (Whitworth Pk.)		9	127	1024·8	-	40·5	1·4	7·7	87	7·6	1	3	3	16	8	-	-	-	-	-	-	-	-	-	-	0	4	25	2	8	1	4	2	2	3	4	5
			21	127	1024·8	-	41·5	1·7	7·4	85	7·4	3	2	2	12	12	-	-	-	-	-	-	-	-	-	-	0	1	27	3	6	4	2	2	3	1	5	5
Lancashire.	Southport (Bedford Rd. Park)	H	9	42	1025·2	+9·5	40·5	1·7	7·5	85	6·8	0	7	6	7	11	0	0	1	1	6	7	2	4	10	0	0	15	15	1	9	4	0	1	1	3	6	6
			13	42	1024·8	+9·5	43·5	2·2	8·0	81	7·7	1	2	7	4	17	0	0	0	0	2	6	8	5	10	0	1	16	14	0	8	5	0	1	0	3	9	5
			18	42	1024·7	+9·3	42·0	1·7	7·9	85	6·5	4	7	1	3	16	0	0	0	2	4	7	3	14	1	0	1	12	18	0	9	4	0	1	0	3	9	5
			21	42	1025·0	+9·4	41·5	1·7	7·8	85	6·1	5	6	2	4	14	0	0	0	1	4	12	3	10	1	0	0	14	17	0	8	4	0	2	0	1	7	9
Lancashire.	Stonyhurst ..		9	381	1025·5	-	38·9	1·5	7·0	86	7·3	1	5	3	8	14	0	2	0	1	2	1	13	6	6	0	0	7	23	1	5	2	0	0	4	6	10	3
			21	381	1025·2	-	39·8	1·4	7·4	87	6·6	5	4	3	4	15	0	0	0	1	3	2	5	16	4	0	0	10	20	1	3	2	1	1	1	6	9	7
Cheshire.	Bidston Obs'y. ..		7	202	1025·3	+10·2	40·8	1·4	7·7	87	6·8	1	7	4	7	12	0	0	1	0	1	0	3	5	21	0	2	11	16	2	4	6	1	1	1	4	4	8
			13	202	1025·2	-	42·8	1·9	7·9	84	7·5	0	4	6	9	12	0	0	0	0	3	1	8	8	11	0	1	17	13	0	9	3	1	0	1	2	5	10
			18	202	1025·2	-	42·1	1·5	7·9	87	6·6	1	8	2	13	7	0	0	1	0	1	2	8	3	16	0	1	15	15	0	6	4	2	0	1	1	4	13
			21	202	1025·5	-	42·0	1·6	7·8	86	6·8	6	2	3	7	13	0	0	0	0	2	0	4	8	17	0	0	14	17	0	5	4	2	1	1	1	4	13
7b. NORTH WALES.																																					
Flint.	Sealand ..	H	7	19	1025·7	-	40·4	1·6	7·5	85	8·1	0	2	5	11	13	0	0	0	2	0	1	15	13	0	0	0	11	19	1	3	1	1	3	2	0	10	10
			13	19	1025·7	-	44·1	2·5	7·9	80	8·4	0	1	5	12	13	0	1	0	1	4	3	11	11	0	0	0	14	14	3	3	0	0	1	1	2	9	12
			18	19	1025·6	-	42·4	2·0	7·8	83	7·9	1	2	4	11	13	0	0	0	1	3	2	17	7	1	0	0	11	18	2	1	1	1	1	1	3	11	10
Anglesey.	Holyhead ..	H	1	29	1025·9	-	45·0	1·9	8·7	84	7·5	2	3	4	10	12	0	0	0	0	0	2	12	12	5	0	1	15	13	2	3	4	2	0	1	4	7	8
			7	29	1025·9	+11·2	44·5	1·8	8·7	86	7·0	1	6	4	8	12	0	0	0	0	0	1	13	11	6	0	3	14	12	2	5	3	2	2	1	3	7	6
			13	29	1025·8	-	45·4	2·0	8·7	84	8·4	0	1	4	15	11	0	0	0	0	1	2	10	5	13	0	2	15	13	1	5	4	2	0	2	4	6	7
			18	29	1025·8	-	45·2	2·0	8·7	84	7·7	0	5	3	10	13	0	0	0	0	0	2	10	9	10	0	2	17	9	3	4	2	3	1	0	3	8	7
Carnarvon.	Llandudno ..		9	33	1026·3	-	42·9	2·5	7·4	79	7·2	0	3	8	12	8	0	1	0	0	0	2	5	5	17	1	0	8	23	0	5	2	4	0	3	5	11	1
8a. SOUTH WALES.																																					
Pembroke.	St. Ann's Head ..		1	152	1026·1	-	44·5	2·0	8·5	84	7·9	0	6	1	9	15	0	0	0	0	0	1	7	15	8	0	-	-	-	-	-	-	-	-	-	-	-	-
			7	152	1026·0	+10·4	44·3	2·2	8·0	82	8·5	0	2	3	11	15	0	0	0	0	0	1	3	22	5	0	-	-	-	-	-	-	-	-	-	-	-	-
			13	152	1026·2	-	45·6	2·5	8·4	80	8·0	0	2	7	10	12	0	0	0	0	0	2	4	17	8	0	-	-	-	-	-	-	-	-	-	-	-	-
			18	152	1026·2	-	44·7	2·4	7·6	78	8·4	0	2	6	8	15	0	0	0	0	0	1	3	15	12	0	-	-	-	-	-	-	-	-	-	-	-	-

TABLE IV (*continued*).—SUMMARY of the OBSERVATIONS of PRESSURE, TEMPERATURE, HUMIDITY, CLOUD, VISIBILITY and WIND at fixed hours at certain Stations during the month of JANUARY, 1935

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.				MIST.	POOR VIS.	MOD. VIS.	GOOD VISIBILITY.			8 or more.	4 to 7	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											
		G.M.T.	ft.	mb.	mb.	°F.	°F.	mb.	%																									
8a. SOUTH WALES—*cont.*																																		
Radnor.	Rhayader	9	—	-	-	39·0	1·8	6·8	83	7·5	0	3	5	16	7	0	0	0	2	3	2	6	10	*8*	*0*	1	2	28	0	6	2	3	0	0	3	14	3
Glamorgan.	Cardiff	9	216	1026·8	-	41·1	2·1	7·1	81	6·6	4	3	6	11	7	0	0	0	3	3	7	6	*8*	*4*	*0*	0	8	23	0	5	11	0	1	0	3	8	3
		21	216	1026·6	-	42·1	2·3	7·3	80	6·7	5	4	2	8	12	0	0	0	2	5	3	14	*7*	*0*	*0*	0	1	30	0	6	3	1	0	0	0	13	8
8b. ENGLAND, S.W.																																		
Somerset.	Bath	9	113	1026·3	-	41·5	2·1	7·1	81	8·1	0	5	1	8	17	0	0	3	2	5	6	*11*	*3*	*1*	*0*	0	3	19	9	5	3	3	0	0	1	3	7
Dorset.	Holton Heath H	9	58	1026·6	-	41·5	1·8	7·6	84	7·3	4	4	2	3	18	0	0	1	3	4	2	4	17	*0*	*0*	0	11	16	4	7	6	0	0	0	1	5	8
		15	58	1025·5	-	44·9	2·9	7·9	77	7·3	1	4	7	4	15	0	0	0	0	1	3	6	19	*2*	*0*	2	11	17	1	11	5	0	0	0	1	4	9
Dorset.	Portland Bill	1	37	1025·6	-	44·1	1·4	8·7	88	7·7	2	2	5	5	17	0	0	0	*0*	0	0	*4*	*20*	*7*	*0*	0	18	13	0	8	6	2	1	0	0	4	10
		7	37	1025·5	-	43·5	1·4	8·3	88	8·3	2	2	2	7	18	0	0	0	*0*	0	0	*6*	*17*	*8*	*0*	0	19	12	0	10	8	1	0	1	1	2	8
		13	37	1025·9	-	45·6	1·9	9·0	85	7·7	0	4	5	9	13	0	0	0	*0*	0	0	*3*	*17*	*11*	*0*	0	17	14	0	11	6	1	1	0	1	2	9
		18	37	1026·7	-	44·3	1·8	8·4	85	7·3	0	7	3	7	14	0	0	0	*0*	1	0	4	*18*	*8*	*0*	0	17	14	0	10	7	1	1	0	1	2	9
Devon.	Plymouth (Mount Batten) H	7	27	1026·8	-	43·0	2·0	8·1	83	7·3	2	4	2	17	6	0	0	0	0	0	1	5	9	15	*1*	0	13	14	4	8	5	1	0	0	1	2	10
		13	27	1027·1	-	45·9	3·4	7·8	73	7·5	0	4	4	17	6	0	0	1	0	1	1	6	12	10	*0*	1	14	16	0	7	5	4	0	0	1	6	8
		18	27	1027·0	-	44·2	2·7	7·9	78	6·4	3	5	4	14	5	0	0	0	0	1	1	17	10	2	*0*	0	14	15	2	6	7	0	1	0	0	4	11
Cornwall.	The Lizard	1	240	1027·8	-	43·9	1·5	8·6	87	7·2	1	8	0	7	15	0	0	0	1	0	0	1	*10*	*19*	0	1	14	15	1	10	5	1	0	0	1	6	7
		7	240	1027·4	-	43·7	1·7	8·4	86	8·0	0	2	5	10	14	0	0	0	0	0	0	0	*11*	*20*	0	0	14	14	3	10	4	1	0	1	1	3	8
		13	240	1027·8	-	46·1	2·3	8·7	82	8·2	0	4	2	13	12	0	0	0	0	0	0	1	*9*	*21*	0	2	15	12	2	7	5	2	0	1	1	6	7
		18	240	1027·8	-	43·8	1·8	8·4	85	8·1	0	5	2	9	15	0	0	0	0	0	0	1	*8*	*22*	0	1	15	13	2	9	3	2	0	0	1	5	9
Cornwall.	Newquay ..	9	161	1027·9	-	43·0	2·0	7·8	83	7·5	0	5	7	8	11	0	0	0	0	0	1	9	*6*	15	*0*	1	17	12	1	6	5	2	2	6	0	4	5
9. IRELAND, N.																																		
Sligo.	Markree Castle ..	9	127	1027·3	-	41·6	1·1	8·2	91	8·5	1	0	5	7	18	0	*0*	0	0	0	*1*	*11*	8	11	*0*	1	4	14	12	5	0	0	1	2	3	4	4
		21	127	1026·8	-	42·5	1·2	8·4	90	8·2	1	2	5	3	20	0	*0*	0	0	0	*1*	*12*	7	11	*0*	1	5	12	13	4	0	0	1	2	2	4	5
Mayo.	Blacksod Point ..	1	28	1027·5	-	45·9	1·3	9·5	90	8·1	0	1	9	3	18	0	0	0	0	0	0	0	25	6	*0*	3	10	15	3	5	0	5	1	4	2	8	3
		7	28	1026·8	-	45·4	1·1	9·3	91	8·9	0	2	4	3	22	0	0	0	0	0	0	0	26	5	*0*	1	16	6	8	3	0	2	1	2	4	9	2
		13	28	1027·5	-	46·7	1·6	9·6	87	8·3	1	0	5	9	16	0	0	0	0	0	0	0	12	15	*4*	1	12	15	3	6	0	3	0	5	2	8	4
		18	28	1027·5	-	46·0	1·3	9·5	90	8·3	0	3	5	6	17	0	0	0	0	0	0	1	18	11	*1*	1	11	14	5	7	0	4	1	3	1	5	5
Donegal.	Malin Head ..	1	83	1024·7	-	43·8	0·8	9·2	93	7·6	0	6	2	11	12	0	0	0	0	0	0	3	26	1	*1*	1	13	17	0	6	0	1	0	12	1	10	1
		7	83	1024·1	+13·6	43·5	0·6	8·9	95	8·1	0	4	1	11	15	0	0	1	0	0	0	4	24	1	*1*	1	15	14	1	3	0	0	1	10	2	10	4
		13	83	1024·6	-	45·5	1·0	9·4	92	9·0	0	0	2	15	14	0	0	0	0	0	1	5	21	3	*1*	1	16	14	0	6	0	1	1	6	4	11	2
		18	83	1024·6	-	44·4	0·9	9·1	93	8·8	0	3	1	11	16	0	0	0	0	0	1	5	22	2	*1*	0	14	17	0	6	1	0	0	9	2	9	4
Antrim.	Aldergrove H	7	245	1025·8	-	39·6	1·2	7·5	89	6·5	1	8	3	9	10	0	1	0	1	0	1	5	10	13	0	0	12	15	4	3	1	1	1	5	8	5	3
		13	245	1025·9	-	42·9	1·8	8·1	85	7·7	1	4	2	11	13	0	2	0	0	0	0	9	5	14	1	0	11	16	4	4	1	1	0	4	8	7	2
		18	245	1026·0	-	41·7	1·1	8·2	90	8·5	0	3	0	15	13	0	0	0	0	1	3	6	11	10	0	0	9	18	4	3	2	1	0	3	8	5	5
Down.	Donaghadee ..	7	26	1025·0	-	42·6	1·3	8·4	89	7·1	0	0	14	17	0	0	0	0	0	0	0	0	*18*	*13*	*0*	0	6	24	1	1	4	2	1	0	3	12	7
		13	26	1025·2	-	44·5	1·3	9·1	89	7·7	0	0	7	21	3	0	0	0	0	0	0	2	*16*	*13*	*0*	0	3	28	0	4	3	2	1	2	4	8	7
		18	26	1025·1	-	43·9	1·2	8·8	90	7·7	0	1	7	20	3	0	0	0	1	0	0	3	*18*	*9*	*0*	0	4	25	2	3	2	3	1	0	3	9	8
		21	26	1024·7	-	43·8	1·4	8·7	88	6·5	1	4	10	15	1	0	0	0	0	0	1	*18*	*12*	*0*	0	5	22	4	2	3	3	1	0	3	8	7
Armagh.	Armagh .. H	9	209	1026·3	+12·5	40·3	1·2	7·7	89	7·0	3	5	2	9	12	*0*	*0*	1	1	1	3	*9*	*3*	13	*0*	0	6	23	2	5	1	1	0	2	11	5	4
		21	209	1026·4	+12·7	41·7	1·2	8·1	89	7·2	4	4	2	4	17	*0*	*0*	1	0	1	8	*10*	*5*	6	*0*	0	4	25	2	5	1	1	0	3	8	6	5
10. IRELAND, S.																																		
Dublin.	Glasnevin	9	56	1027·2)	-	41·6	1·4	8·0	88	7·2	0	0	16	6	9	0	0	*1*	*0*	*4*	*6*	*11*	*1*	*8*	*0*	0	3	27	1	0	2	1	0	0	6	7	14
		21	56	1026·8)	-	42·5	1·5	8·2	87	7·4	3	0	8	4	16	0	0	*0*	*0*	*5*	*3*	*8*	*2*	*13*	*0*	0	7	22	2	0	3	0	0	0	6	6	14
Offaly.	Birr Castle ..	7	193	1027·6	+13·3	40·9	0·8	8·1	93	7·4	5	1	1	12	12	0	*0*	0	2	0	*0*	*0*	*16*	*13*	*0*	0	2	29	0	5	2	1	0	2	11	5	5
		13	193	1028·2	-	44·3	1·6	8·5	87	8·4	0	3	1	14	13	0	*0*	0	1	0	*0*	*0*	*14*	*16*	*0*	0	1	30	0	3	2	1	1	1	11	4	8
		18	193	1027·7	-	42·9	1·1	8·5	91	8·2	0	4	1	10	16	0	*0*	0	0	0	*0*	*0*	*18*	*13*	*0*	*0*	2	29	0	3	3	2	0	1	11	3	8
Waterford.	Seskin, Carrick-on-Suir	9	521	1028·5	-	40·0	0·7	7·8	93	7·8	0	4	3	12	12	0	1	0	*0*	1	2	3	*2*	14	8	2	8	17	4	2	2	0	1	0	3	4	15
		21	521	1028·4	-	41·3	1·2	7·8	89	6·4	3	7	4	2	15	0	0	0	*0*	0	0	4	*4*	11	12	1	12	10	8	5	2	0	0	1	1	3	11
Kerry.	Valencia Observatory H	7	45	1029·6	+15·0	44·8	2·0	8·4	83	8·5	0	3	2	6	20	0	0	0	0	0	0	*5*	*9*	*17*	*0*	1	11	16	3	3	4	5	3	2	4	2	5
		13	45	1030·1	+15·2	46·6	2·7	8·5	79	8·4	0	2	3	14	12	0	0	0	0	1	0	*3*	*6*	*17*	*4*	1	14	12	4	2	4	2	2	4	5	4	4
		18	45	1030·1	+15·2	46·0	2·7	8·3	79	8·7	0	1	3	12	15	0	0	0	0	0	0	*2*	*8*	*17*	*4*	1	9	19	2	3	3	4	2	3	5	4	5
		21	45	1030·4	+15·1	45·5	2·7	8·1	79	7·7	1	4	4	9	13	0	0	0	0	0	0	*4*	10	*17*	*0*	1	12	13	5	3	3	4	1	2	3	3	7
		h.*	45	1030·1	+15·1	45·3	2·3	8·4	81																											
Cork.	Roche's Point ..	7	24	1028·7	+13·4	43·9	1·6	8·5	87	5·9	1	8	6	12	4	0	0	0	0	0	0	3	*10*	*18*	*0*	0	6	25	0	9	4	5	0	0	2	2	9
		13	24	1029·2	-	46·4	2·3	8·7	82	7·3	0	2	8	19	2	0	0	0	0	0	0	3	*7*	*21*	*0*	0	3	28	0	9	4	3	0	0	3	5	7
		18	24	1029·1	-	45·3	1·8	8·7	85	6·8	1	4	5	20	1	0	0	0	0	0	0	2	*8*	*21*	*0*	0	4	27	0	6	5	3	0	0	4	6	7
11. CHANNEL I. & SCILLY.																																		
Scilly.	St. Mary's.. ..	1	199	1028·4	-	45·8	2·3	8·7	82	7·0	2	6	3	8	12	0	1	0	0	0	1	3	*11*	*15*	0	1	20	9	1	6	6	5	0	2	1	2	8
		7	199	1028·2	+12·0	45·4	2·4	8·2	81	7·6	0	5	3	13	10	0	0	0	0	1	0	4	*7*	*19*	0	1	20	9	1	9	7	3	0	0	3	1	7
		13	199	1028·7	-	47·2	3·0	8·5	77	8·1	0	1	4	18	8	0	0	0	0	1	0	5	*12*	*13*	0	1	18	11	1	5	9	3	1	0	2	3	7
		18	199	1028·4	-	45·5	2·5	8·1	80	7·7	0	3	5	16	7	0	0	1	0	0	0	2	*12*	*16*	0	1	18	10	2	7	7	2	0	0	2	2	9
Guernsey.	St. Peter Port H	1	186	1028·2	-	44·7	2·7	8·0	78	8·1	2	0	8	1	20	0	0	0	0	0	0	5	*17*	*9*	0	1	17	9	4	6	8	1	1	1	1	1	8
		7	186	1026·0	-	44·8	2·4	8·2	80	9·0	0	0	5	4	22	0	0	0	0	0	1	6	*19*	*5*	0	1	13	14	3	7	8	2	0	1	2	2	6
		13	186	1026·4	-	46·1	3·2	7·9	74	8·0	0	2	6	9	14	0	0	0	0	0	4	6	*9*	*11*	1	0	19	7	5	5	9	2	0	0	2	1	7
		18	186	1026·2	-	45·0	3·1	7·8	75	8·4	1	1	4	7	18	0	0	0	0	0	1	5	*12*	*11*	2	1	17	10	3	7	9	2	0	0	2	1	7
GIBRALTAR		7	90	1020·0	-1·2	49·9	3·3	9·6	76	5·0	6	6	5	9	5	0	0	0	0	0	0	*11*	*13*	7	0	0	14	15	2	0	0	15	0	0	0	5	9
	H	13	90	1020·4	-	57·9	6·4	10·3	62	4·6	3	11	3	12	2	0	0	0	0	0	0	*1*	*8*	21	1	0	4	10	2	0	3	6	5				
		18	90	1019·8	-	54·1	4·5	10·0	68	3·8	4	11	7	8	1	0	0	0	0	0	1	0	*14*	16	0	0	12	18	1	0	1	14	0	3	1	6	5
		21	90	1020·2	-	51·6	3·6	9·9	74	3·0	5	15	7	2	2	0	0	0	0	0	0	4	*20*	7	0	0	9	21	1	0	1	14	0	3	0	6	6
MALTA		7	234	1013·3	-4·3	49·9	3·9	8·8	72	7·8	0	3	2	23	3	0	0	0	0	0	0	1	2	*26*	*2*	0	21	8	2	3	0	3	1	2	5	8	7
	H	13	234	1012·6	-	53·3	5·8	8·6	63	6·9	0	4	8	16	3	0	0	0	0	0	0	1	2	*21*	*7*	1	21	9	0	3	3	3	0	0	6	7	9
		18	234	1013·2	-	50·8	4·1	9·1	72	6·3	0	8	5	14	4	0	0	0	0	0	0	0	2	*25*	*4*	0	16	14	1	1	1	4	0	2	5	10	7

* Mean of hourly readings.

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 temperature 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:—*Royal Observatory, Greenwich.*—A Glaisher stand is used. *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.

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 Gale 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 arrangement 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.

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—Rhayader (9), Tavistock (17), Plymouth (15), Balbriggan (25), Newcastle, Co. Wicklow (30).

"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*), *Pressure* (*Table IV*).—The averages refer to the period 1881–1915 and are "weighted" if the record is not complete for that period.

Temperature and Sunshine (*Table III*).—The averages refer to periods of from 10 to 30 years ending 1930, the actual period for each station being stated in the Introduction. Differences from 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.

(9327) Wt. 30/17/Ps. 547. 900. 2/35. P.L.H. & CO. LTD. G.922.

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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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VOL. 52. NO. 2. ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE

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FEBRUARY, 1935.—Mild and Wet.

The most notable feature of the month was the exceptional warmth. Temperatures were considerably above the average in most districts, especially the south. Rainfall also was in excess of the average, that at Tenterden, Kent, being 280 per cent of the normal. Sunshine on the whole was deficient. Gales were frequent and widespread.

From the 1st to the 6th the passage of depressions and associated secondaries caused mild and stormy conditions in all districts. Very high temperatures for the time of year were recorded, the maximum of 57°F. at Aberdeen on the 1st being the highest for any day in early February since 1871. Temperatures were relatively lower over England, however, during this period. Strong winds and gales were prevalent in all districts, particularly in the West and North. During this period, rainfall, though widespread, was not excessive.

From the 7th to the 9th an anticyclone extended from the Azores across the British Isles to Scandinavia. Showers were frequent in Scotland and the southern half of England where they took the form of snow and hail at some places. Frosts occurred at night in all districts.

From the 10th to the 28th a prolonged series of intense and complex depressions brought mild, stormy and unsettled weather to all districts. Heavy rains occurred in many places and flooding was widespread. Appreciable falls of snow occurred in Scotland and in England between the 20th and 24th. Gales were reported from all districts while thunderstorms occurred in Southern England and Scotland. Severe damage was done by lightning to the church of Week St. Mary, Cornwall, on the 21st and that of St. Mark s, Newport Monmouthshire, was struck on the same day.

Pressure and Wind.—Mean pressure was generally below normal, especially in the west and north, the difference from normal at 7h. ranging from −4·9 mb. at Scilly to −13·8 mb. at Lerwick. For the greater portion of the month winds from between S.W. and N.W. predominated, except on the 6th when a strong northerly current swept the whole of the British Isles. On the 7th, 8th and 9th winds were N. to N.E. in the south and southerly in the north. Light variable winds characterized the 10th, but on the 11th there was a return to strong S.W. to N.W. winds due to the advent of a large depression from the Atlantic. Similar conditions lasted till the 25th, when complex depressions gave rise to strong N.E. winds over Ireland, N. England and Scotland. A wedge of high pressure on the 26th resulted in northerly winds over the east, and south-easterly to southerly winds in the west. On the 27th south-easterly winds were general, becoming S. to S.W. on the 28th.

Severe gales were frequent and widespread, there being only one period—namely the 7th-9th—really free. A gust of 89 m.p.h. was registered at Lerwick on the 2nd, gusts of 79 m.p.h. and 77 m.p.h. at Liverpool and Holyhead respectively on the 16th, and in addition to gusts of 75 m.p.h. at Sealand and Cardington on the same date frequent gusts of 65 to 70 m.p.h. occurred at various places between the 12th and 23rd.

Temperature.—Mean temperature was considerably above normal in all districts except the Shetlands, the excess ranging from 1° to 4° at individual stations. High maxima were recorded at many stations on the 1st notably at Aberdeen, Dundee and Arbroath.

The warmest spells were the 1st and 2nd and the 15th-20th. During these periods maxima exceeded 55°F. locally in Scotland, while several stations in other districts reported 59°F.

The coldest spells were the 7th-10th and 23rd-26th during which periods sharp frosts occurred in most places. A night minimum of 10°F. was reported from Dalwhinnie on the 24th.

Precipitation.—Precipitation was generally above the average, the excess in most districts being around 50 per cent. The greatest deviations from the average were in N.E. England, the Midlands and Kent. The highest totals for the month were recorded in the Lake District and Snowdonia where falls of 528 mm. and 690 mm. were recorded. Heavy daily falls occurred in several places, some of the most noteworthy being 97 mm. at Fort William on the 18th, 94 mm. at Ambleside on the 15th, 60 mm. at Achnashellach on the 18th and 50 mm. at Meltham on the 15th. Snow fell in Scotland on the 2nd, 3rd and 24th-26th, and in England on the 1st, 7th-9th and 19th-28th, being of moderate intensity in most places.

Sunshine.—In general sunshine was below the average, but some stations in Scotland and Ireland had amounts in excess of the normal, notably Renfrew where the excess was 67 per cent.

Fog.—Local fogs were reported from some coastal stations on the 3rd, and from inland stations in Scotland and N.W. England between the 7th and 11th.

Miscellaneous Phenomena.—Aurorae were observed at stations in N. Scotland on the 1st, 2nd, 19th, 24th and 25th and at Rathfarnham Castle on the 24th. Solar haloes, lunar haloes and coronae were reported from several stations in the Midlands and Southern England on numerous occasions, more particularly from the 10th onwards. A complex halo display was observed over a wide area on the 28th. At Oxford solar haloes were observed on 14 days and lunar haloes on 10 nights.

METEOROLOGICAL OFFICE, AIR MINISTRY: G. C. SIMPSON, C.B., D.Sc., F.R.S., Director. South Kensington, S.W.7., 23*rd March*, 1935.
40/9999.

TABLE I.—DISTRICT VALUES.— FEBRUARY, 1935 [1908, revised 1928.]

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.	54	10	0·0	-	-	143	+ 3	99	21
Eastern.									
1. SCOTLAND, E.	57	10	+1·5	-	-	97	+ 3	92	24
2. ENGLAND, N.E.	58	16	+2·9	+2·1	+1·5	166	+ 1	77	18
3. ENGLAND, E.	59	18	+3·1	+1·7	+0·3	139	+ 1	82	20
4. MIDLAND COUNTIES ..	59	23	+3·5	+2·6	+2·1	131	+ 1	86	18
5. ENGLAND, S.E.	59	22	+2·6	+1·5	+1·6	164	+ 3	87	22
Western.									
6. SCOTLAND, W. (*and I. of Man*)	55	11	+1·2	+1·7	+1·7	146	+ 5	111	20
7. ENGLAND, N.W. (*and N. Wales*)	57	20	+2·9	+2·7	+1·8	161	+ 4	70	16
8. ENGLAND, S.W. (*and S. Wales*)	57	22	+2·5	+1·4	+1·6	137	+ 4	93	24
9. IRELAND, N. ..	56	22	+1·4	+1·7	+1·5	129	+ 3	114	26
10. IRELAND, S. ..	59	21	+1·1	+1·1	+1·3	114	+ 2	109	27
11. CHANNEL I. (*and Scilly*)	53	34	+1·6	+0·8	+1·0	163	+ 3	88	27
Mean : DISTRICTS 1—10	59	10	+2·3	+1·8	+1·5	138	+ 3	92	21

TABLE II.—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND.— FEBRUARY, 1935 [1914.]

DISTRICT AND STATION.	Height.			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.	
					hr.		hr.	hr.	hr.	hr.	hr.	°	mi/hr.	m/s.	day. hr.	mi/hr.	m/s.	d. h. m.	
0. SCOTLAND, N.	ft.	ft.	ft.																
Shetland. ‡Lerwick	310	53	39	1-3, 12, 18, 19, 21, 22, 26-28	39	22	245	276	93	19	0	280	54	24	2 03	89	40	2 01 00	
Orkney. Kirkwall	170	40	35	21, 27	11	19	151	288	210	12	0	150	42	19	27 15	81	36	2 06 10	
Hebrides. Stornoway†	—	—	—	1, 2, 5, 11, 14, 15, 17-22, 26 27	91	25	235	263	77	6	0	290	50	22	2 05	88	39	2 04 45	
1. SCOTLAND, E.																			
Aberdeen. Aberdeen	70	42	32	-	0	10	47	207	303	115	0	290	44	20	14 10	67	30	14 09 15	
Kincardine. Balmakewan ..	140	25	20	-	0	5	12	151	(306)	(203)	0	210	30	13	14 10	59	26	14 09 05	
Angus. Bell Rock Lighthouse	130	—	126	1, 6, 12, 14, 15, 18, 19, 21, 23, 25, 27	76	22	245	201	99	51	0	250	50	22	21 12	73	33	21 12 05	
Edinburgh. Edinburgh	485	39	23	19	1	12	98	273	211	89	0	220	39	17	19 04	63	28	1 19 55	
6a. SCOTLAND, W.																			
Argyll. Tiree	75	50	42	11, 14, 18-21, 26, 27	36	22	246	167	(168)	55	0	140	45	20	27 03	67	30	26 20 55	
Renfrew. Paisley	188	81	31	-	0	6	13	214	297	148	0	190	31	14	19 05	63	28	14 04 35	
Renfrew. Abbotsinch ..	65	46	33	-	0	15	92	233	205	142	0	250	35	16	17 16	65	29	2 07 00	
Dumfries. Eskdalemuir ..	825	50	35	18, 19	8	15	139	196	173	156	0	240	42	19	18 05	75	33	2 10 05	
2. ENGLAND, N.E.																			
Durham. South Shields ..	73	57	44	25	8	14	73	228	261	102	0	20	43	19	25 07	64	29	2 11 50	
Yorks., N.R. Catterick	220	45	33	-	0	9	62	216	251	143	0	270	36	16	21 13	68	30	21 12 05	
Yorks., E.R. Spurn Head * ..	64	42	34	27	10	7	49	108	23	2	480	-	-	-	- -	-	-	- - -	
Lincoln. Cranwell	284	43	33	-	0	13	75	318	222	57	0	220	35	16	16 14	68	30	16 18 40	
3. ENGLAND, E.																			
Norfolk. Gorleston	52	42	34	27	7	10	81	341	218	25	0	150	43	19	27 12	61	27	16 24 00	
Suffolk. Felixstowe Aero. ..	65	50	40	-	0	11	92	329	225	26	0	160	37	17	27 11	64	29	16 22 30	
Bedford. Cardington ..	285	150	135	16, 20	23	20	186	284	161	18	0	230	48	21	16 14	75	33	16 14 30	
Essex. Shoeburyness ..	115	104	89	20, 24	5	20	153	366	(141)	(7)	0	210	43	19	20 14	64	29	17 00 05	
4. MIDLAND COUNTIES.																			
Warwick. Birmingham ..	643	118	73	-	0	9	52	288	314	18	0	240	38	17	16 16	72	32	16 18 20	
5. ENGLAND, S.E.																			
London. South Kensington..	137	110	30	-	0	1	4	292	363	13	0	290	26	12	16 22	60	27	16 07 35	
Surrey. Kew Observatory ..	92	75	50	-	0	5	32	283	311	46	0	210	29	13	20 15	58	26	16 20 50	
Surrey. Croydon	313	105	70	-	0	14	190	355	185	32	0	260	38	17	16 20	72	32	16 19 05	
Kent. Dover	61	66	60	-	0	12	143	331	173	25	0	-	38	17	22 07	56	25	24 22 20	
Kent. Lympne	418	76	48	16,20, 21,25	6	13	112	323	215	16	0	220	41	18	20 22	68	30	16 18 50	
Hampshire. Calshot	58	50	42	20, 22, 27	10	15	114	310	219	19	0	190	44	20	20 15	63	28	20 15 00	
Wiltshire. Boscombe Down ..	462	45	33	-	0	14	99	236	274	63	0	260	38	17	16 21	63	28	16 19 55	
Wiltshire. Larkhill	491	51	36	6, 18	2	18	131	251	244	44	0	280	39	17	16 21	65	29	16 18 00	
7a. ENGLAND, N.W.																			
Lancashire. Fleetwood	112	50	31	2, 16	4	16	148	287	106	40	87	320	48	21	16 21	65	29	16 21 05	
Lancashire. Manchester (Barton)	153	83	80	2, 3, 14, 16	25	18	133	266	216	32	0	280	45	20	3 15	68	30	16 13 05	
Lancashire. Southport	60	42	33	16	7	17	155	283	196	31	0	310	42	19	16 21	64	29	16 20 40	
Cheshire. Bidston Obs'y. ..	262	64	39	1-3, 16, 19	39	15	125	311	154	43	0	270	48	21	16 20	79	35	16 17 10	
7b. NORTH WALES.																			
Anglesey. Holyhead	68	43	38	16, 27	5	21	155	332	150	30	0	300	52	23	16 20	77	34	16 19 25	
Flint. Sealand	81	65	42	16	2	10	53	251	303	63	0	280	49	22	16 21	75	33	16 20 25	
8a. SOUTH WALES.																			
Pembroke. St. Ann's Head ..	—	—	—	-	-	-	-	-	-	-	-	-	-	-	- -	-	-	- - -	
8b. ENGLAND, S.W.																			
Devon. Plymouth	185	88	65	20-22, 27	13	15	105	334	199	21	0	-	48	21	27 04	66	29	27 03 30	
Cornwall. The Lizard	315	75	60	5, 6, 15, 16, 20-22, 24, 26, 27	57	26	298	261	52	4	0	140	51	23	27 02	76	34	24 19 35	
Cornwall. Pendennis Castle ..	256	65	42	5, 6, 15, 16, 20, 21, 24, 26, 27	54	22	205	294	109	10	0	140	57	25	27 03	71	32	22 06 55	
9. IRELAND, N.																			
Donegal. Dunfanaghy Road	180	47	30	1, 2, 11, 12, 15, 16, 20, 21	37	18	146	213	155	121	0	-	50	22	1 18	73	33	12 00 05	
Antrim. Aldergrove	282	40	20	-	0	12	46	321	224	81	0	220	32	14	16 10	58	26	16 14 20	
10. IRELAND, S.												250)			16 18)				
Dublin. Kingstown (Cup Anr.)	49	27	27	1-3, 15, 16, 25	38	22	190	244	177	23	0	30)	48	22	25 08)	-	-	- - -	
Clare. Quilty	100	40	32	16	4	18	147	340	147	34	0	-	40	18	16 07	66	29	16 14 40	
Kerry. Valentia Observatory	98	41	33	16	1	19	156	306	164	45	0	250	39	18	16 15	67	30	16 15 18	
Cork. Cork	132	71	40	-	0	2	11	188	276	197	0	-	32	14	26 21	58	26	26 20 25	
11. SCILLY ISLES.																			
St. Mary's	230	65	57	5, 6, 16, 21-26	50	27	329	251	39	3	0	170	48	21	26 24	70	31	26 23 40	

‡‡ Brackets ( ) indicate that the distribution as between winds above and below 4 m.p.h. is doubtful, but the total number of hours with winds below 12 m.p.h. is reliable.

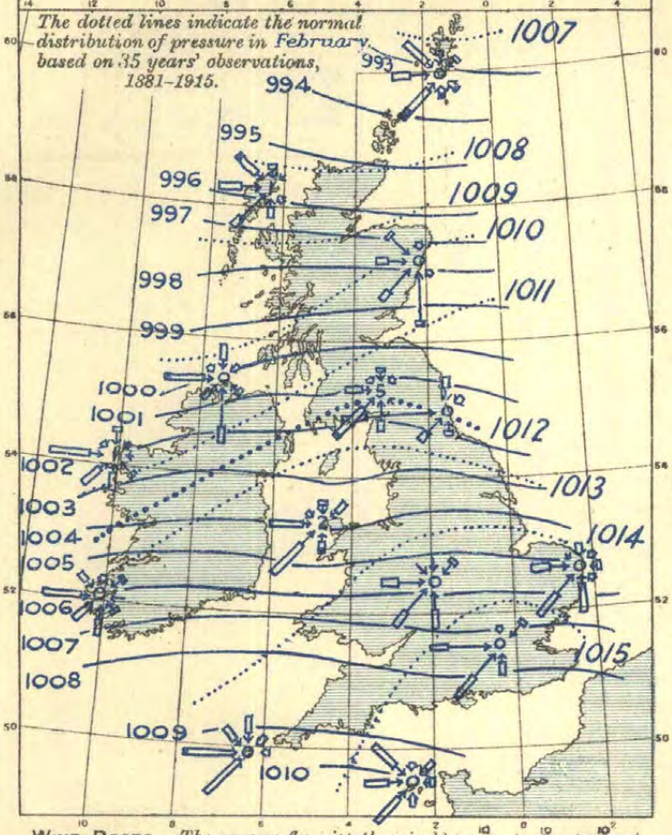
‡ Data inaccurate prior to October, 1929 (*see* 1933 Annual Summary, Wind Section).

† Figures are for Butt of Lewis.

* Instrument defective prior to 21st.

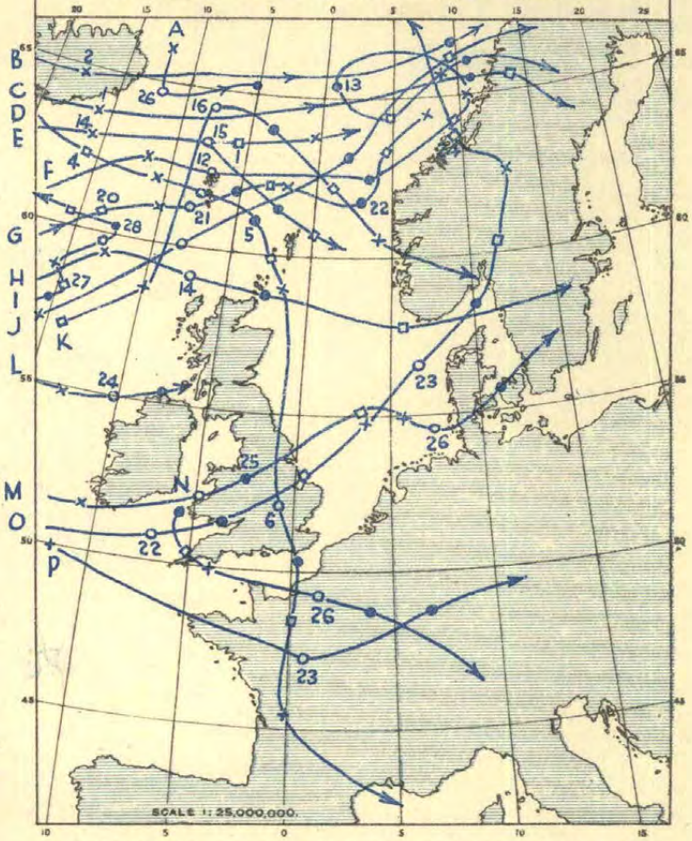
1. WIND AND MEAN PRESSURE. 7 A.M. *

The dotted lines indicate the normal distribution of pressure in February, 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^ns = 1 Inch

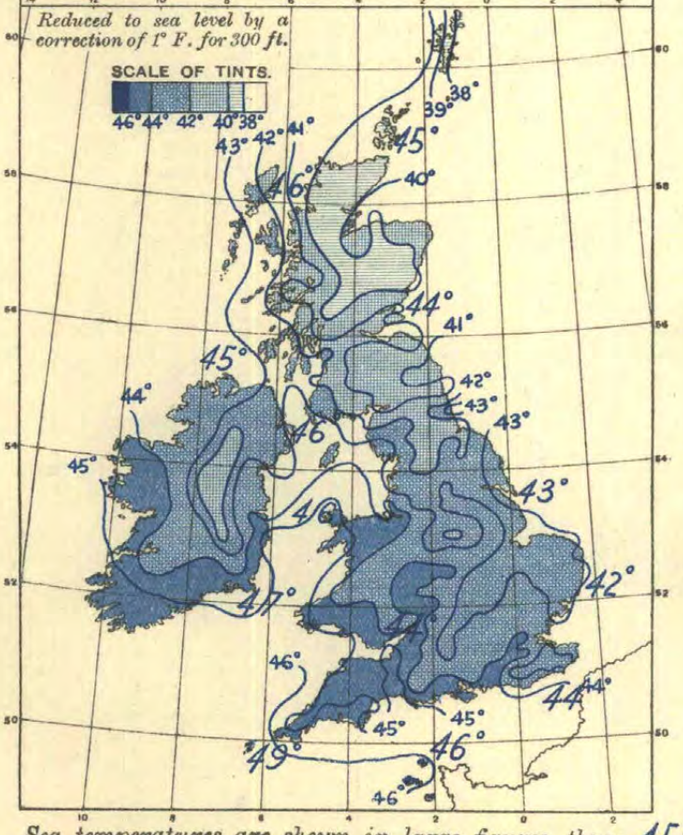
2. MOVEMENTS OF DEPRESSIONS.



Positions of centres are shown thus:– O at 1 hr; ● at 7h; □ at 13h; X at 18h.

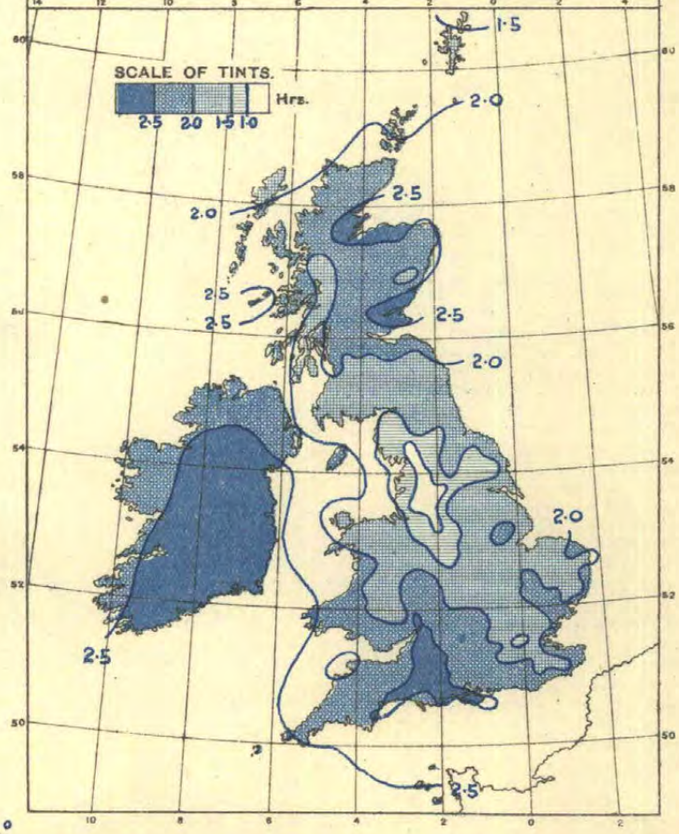
3. DISTRIBUTION OF MEAN TEMPERATURE.

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



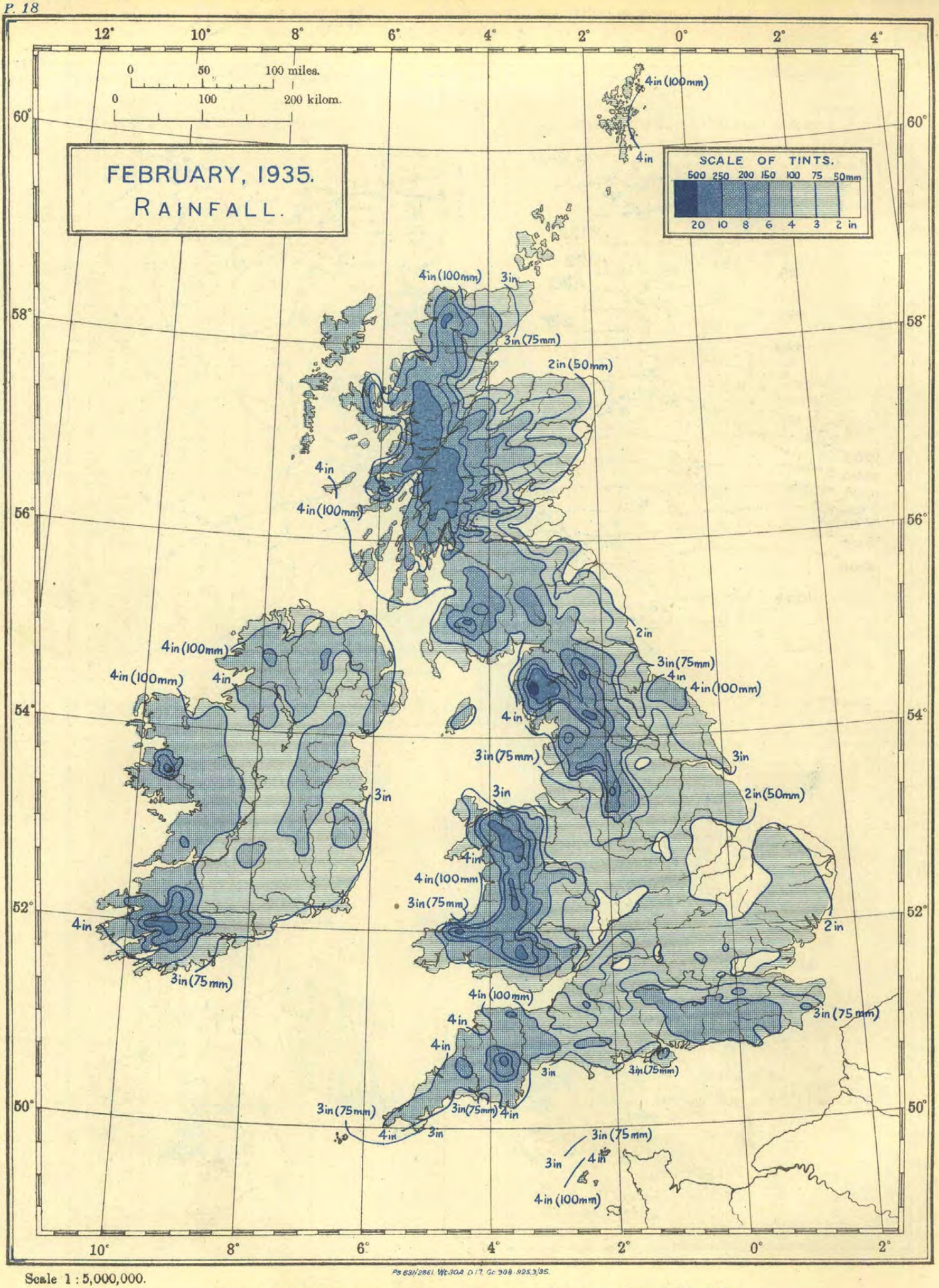
Sea temperatures are shewn in large figures, thus: 45°

4. BRIGHT SUNSHINE, HOURS PER DAY.



H.M.Stationery Office Press Kingsway W.C.2.

*The pressure is expressed in millibars



Scale 1 : 5,000,000.

Ps 631/2861. Wt.30A D17. Gc 908 .925.3/35.

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

TABLE III.—SUMMARY of the RECORDS of TEMPERATURE, RAINFALL and SUNSHINE, and of WEATHER OBSERVATIONS, FEBRUARY, 1935

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.		Difference from Average.	Most in a day. Amount.	Date.	WEATHER. Number of days. Precip'n. 0·2 mm. or more.	1 mm. or more.	Snow.	Snow lying.	Hail.	Thunderstorm.	Fog (Morn'g Obs.)	Ground Frost.	Gale.	BRIGHT SUNSHINE. Hours per day. Daily Mean.	Difference from Average.	Per Cent.
0. SCOTLAND, N.		G.M.T.	ft.	°F.	°F.	°F.	°F.	°F.		°F.		°F.	°F.	in.	mm.	mm.	mm.											hr.	hr.	%
Shetland.	Baltasound ..	9 9 9	31	42·4	33·0	37·7	*-1·3*	49	18	22	26	39·2	-	3·89	99	+10	11	18	28	22	8	4	12	1	0	-	4	1·41	*+0·09*	16
	Lerwick .. ¶§	18-7 7	156	41·1	34·8	37·9	-2·0	49	1	25	23,25	-	-	4·11	104	-	16	21	24	21	11	0	9	0	0	-	11	1·30	*+0·26*	20
Orkney.	Deerness	2121 9	160	43·0	35·3	39·1	0·0	50	19	27	23	-	-	2·98	76	- 1	12	1	24	16	8	1	3	0	0	-	-	1·99	+0·16	22
	Kirkwall .. ¶§	9 9 9	113	43·4	34·5	38·9	*0·0*	50	18	27	26	39·9	-	3·62	92	+12	12	1	24	17	9	5	5	0	0	8	8	2·00	-0·10	22
Hebrides.	Skallary	101010	30	47·3	40·2	43·7	-	53	18	36	22,23,24	-	-	5·11	130	-	30	15	24	21	1	0	2	0	-	-	-	-	-	-
	Stornoway(C.G.) ¶§	18-7 7	80	44·5	37·2	40·9	*+0·2*	52	1	27	24,25	-	-	4·58	116	-	23	18	23	21	6	3	5	0	0	-	8	1·85	-0·05	20
	Stornoway ..	- - 9	30	-	-	-	-	-	-	-	-	-	-	5·24	133	+20	23	18	25	21	-	-	-	-	-	-	-	-	-	-
Skye.	Duntulm ..	9 9 9	294	44·8	37·4	41·1	-	50	18,20	29	24,25	-	-	4·44	113	-	15	15	21	20	1	0	4	3	0	4	11	2·01	-	22
Caithness.	Wick	18-7 7	81	43·1	34·5	38·8	*-0·8*	51	18	24	24,26	-	-	2·57	65	+ 7	13	1	20	14	9	1	2	0	0	-	6	-	-	-
Ross &	Achnashellach ..	9 9 9	225	44·4	33·9	39·1	-	54	10	21	24	-	-	14·75	375	+191	60	18	26	22	3	3	0	0	0	11	-	-	-	-
Cromarty.	Fortrose	9 9 9	69	45·1	35·1	40·1	*+1·7*	54	18	26	25,26	-	-	2·07	53	-	10	18	11	11	0	0	0	0	0	-	4	2·56	*+0·10*	28
Inverness.	Dalwhinnie ..	18-7 7	1176	39·7	30·7	35·2	-	50	18	10	24	-	-	7·11	181	-	21	16	22	19	12	22	1	0	0	16	6	1·34	-	28
	Ft. Augustus ¶	9 9 9	68	44·6	33·8	39·2	+0·7	52	20	19	26	-	-	7·22	183	+77	22	2	19	18	-	0	0	0	1	-	-	1·72	-	18
	Ft. William ..	9 9 9	34	45·4	36·3	40·9	*+1·8*	53	1	20	26	40·4	43·4	14·10	358	+171	97	18	21	19	3	0	4	0	0	10	0	1·35	-	14S
	Inverness ¶§	9 9 9	242	44·4	36·3	40·3	*+1·2*	53	21	25	24	-	-	3·61	92	+37	15	18	20	15	3	0	1	0	0	9	0	2·22	*-0·39*	24
1. SCOTLAND, E.																														
Nairn.	Nairn .. ¶§	9 9 9	20	45·5	34·3	39·9	*+1·0*	55	20	23	26	-	-	2·20	56	+10	9	14	17	12	2	0	2	0	0	-	3	2·52	*-0·02*	27
Moray.	Forres	9 9 9	155	45·0	33·0	39·0	-	54	18	23	26	-	-	1·62	41	-	8	14	15	12	4	0	2	0	0	-	0	2·74	-	29
	Gordon Castle ..	2121 9	104	46·3	33·9	40·1	+1·1	56	19,20	25	26	-	-	2·17	55	+ 6	11	14	17	14	3	0	0	0	-	-	-	2·55	*-0·03*	27S
Banff.	Banff	9 9 9	130	44·6	34·7	39·7	*+1·0*	55	18,20	25	26	-	-	2·18	55	+13	8	14	20	15	6	0	1	0	0	8	1	2·25	*-0·27*	24S
Aberdeen.	Aberdeen ¶§	242424	79	45·3	35·2	40·3	+1·4	56	1	24	26	38·5	40·7	1·76	45	- 7	7	16	16	11	6	2	2	0	0	14	1	2·26	-0·13	24
		18-7 -	—	45·5	35·4	40·5	*+1·9*																							
	Balmoral	9 9 9	927	41·8	29·5	35·7	*+0·4*	52	18	12	26	-	-	2·81	71	+ 5	12	16	24	17	5	7	0	0	-	18	0	-	-	-
	Braemar	2121 9	1111	42·1	29·5	35·8	+1·2	53	19	10	26	-	-	3·25	83	+11	11	16	20	15	14	9	0	0	0	18	0	2·11	-	22S
	Crathstone ..	9 9 9	300	44·3	33·0	38·7	-	55	1	23	26	38·1	40·3	1·89	48	- 9	11	27	15	13	6	2	2	0	-	14	-	2·51	-	27
	Logie Coldstone ..	9 9 9	608	43·5	31·0	37·3	+1·0	55	18	14	26	-	-	2·04	52	- 1	7	28	21	14	9	(4)	0	0	0	17	-	-	-	-
Kincardine.	Balmakewan ..	9 9 9	80	44·3	32·8	38·5	-	55	1	21	7,24,26	-	-	2·07	53	- 5	13	16	18	13	4	2	0	0	0	-	3	-	-	-
	Stonehaven ..	9 9 9	125	-	-	-	-	-	-	-	-	-	-	1·42	36	-	8	27	14	11	0	0	0	0	0	-	-	1·76	-	19
Angus.	Arbroath	2121 9	93	46·6	34·5	40·5	+1·6	57	1	22	24	-	-	1·78	45	+ 1	10	19	14	12	3	0	1	0	1	17	1	2·69	-	29
	Carnoustie ..	9 9 9	39	45·9	35·4	40·7	*+2·0*	56	1	24	26	-	-	1·46	37	- 9	7	15	19	10	1	1	1	0	-	-	0	2·39	*+0·16*	25S
	Dundee ¶§	9 9 9	147	45·3	35·0	40·1	*+1·9*	57	1	24	24	38·6	-	1·65	42	- 5	8	15	19	11	2	1	1	0	-	15	3	2·58	*+0·15*	27
	Kettins	9 9 9	218	45·2	33·3	39·3	*+1·8*	56	1	20	24,26	37·5	-	1·74	44	-15	8	19	18	14	4	1	1	0	1	15	8	-	-	-
	Montrose ..	9 9 9	16	45·8	35·4	40·6	*+2·4*	55	1	24	24	-	-	1·77	45	-	11	16	14	11	3	1	1	0	0	-	1	2·62	*+0·23*	28
Perth.	Crieff	2121 9	478	44·7	33·3	39·0	+1·4	53	1	20	26	-	-	3·43	87	- 2	17	19	20	17	4	2	1	0	-	-	3	-	-	-
	Perth	9 9 9	76	46·1	33·9	40·0	+1·9	56	1	18	26	-	-	1·90	48	-10	9	15	17	12	2	0	0	0	-	-	-	2·51	*+0·40*	27
Fife.	Cupar	9 9 9	210	45·5	34·4	39·9	*+1·5*	54	1	21	26	-	-	1·63	41	-	8	19	17	13	1	3	0	0	-	-	-	-	-	-
	Dunfermline ..	9 9 9	237	45·0	36·7	40·9	-	53	18,20	22	26	40·0	41·9	1·64	42	-	11	15	16	11	5	0	2	1	2	15	1	2·38	-	25
	Inchkeith ..	18-7 7	190	(44·9)	38·1	(41·5)	*(+1·8)*	(53	18,20)	28	26	-	-	0·88	22	-15	7	15	15	7	6	0	1	0	1	5	5	2·36	-	25
	Kirkcaldy ..	9 9 9	63	46·2	36·5	41·3	*+1·6*	53	1,18,20	23	24	-	-	1·58	40	-	9	15	16	11	1	0	0	0	-	-	-	-	-	-
	Leuchars ..	18-7 7	35	46·4	35·6	41·0	*+2·3*	56	1	21	24	-	-	1·17	30	-15	6	15	14	12	2	0	1	0	0	14	0	2·72	*+0·27*	29
	St. Andrews ..	9 9 9	13	46·4	35·2	40·8	*+2·1*	55	1	23	24	39·8	42·8	1·40	35	-12	7	15	16	13	2	0	2	0	0	8	-	2·55	*+0·17*	27
Mid Lothian.	Edinburgh—																													
	Blackford H. ¶§	2121 9	441	45·0	35·8	40·4	+1·7	52	16,18,20	26	26	-	-	1·71	43	+ 1	11	15	21	13	4	1	1	0	2	8	3	2·43	-0·09	26
	Boghall	9 9 9	639	43·5	34·7	39·1	-	51	15,16,20	22	24,26	38·6	41·1	2·62	67	-	15	15	19	14	6	0	1	0	0	12	-	2·04	-	22
	Liberton ..	9 9 9	190	45·6	36·6	41·1	-	53	15,16,20	25	-	-	-	1·85	47	-	11	15	19	13	1	0	0	-	-	-	-	-	-	-
	Univ. King's B.	9 9 9	225	45·7	36·3	41·0	-	53	18	24	24	39·7	42·8	1·89	43	-	11	15	19	13	-	-	-	-	-	-	-	-	-	-
E. Lothian.	Dunbar	9 9 9	75	46·3	36·8	41·5	-	54	18,20	26	24,26	-	-	0·99	25	-	6	15	17	8	4	1	2	0	0	6	0	2·41	-	25
	N. Berwick ..	9 9 9	118	45·7	35·5	40·6	-	54	18,20	24	26	-	-	1·02	26	-12	6	15	16	9	3	0	1	1	0	14	2	2·25	-	24
Berwick.	Marchmont ¶§	9 9 9	498	44·2	33·5	38·9	+1·7	52	1,15	20	26	-	-	1·83	47	- 6	9	16	21	13	3	1	1	0	-	-	2	1·29	-0·81	14S
Peebles.	Peebles	9 9 9	629	44·1	33·2	38·7	-	54	16	17	26	-	-	3·35	85	-	16	5	22	19	7	2	0	0	0	13	1	1·58	-	17
	West Linton ..	9 9 9	820	42·7	32·8	37·7	*+1·7*	51	20	16	24,26	38·3	41·1	4·50	114	-	22	15	23	20	5	6	0	0	0	12	-	-	-	-
Roxburgh.	Kelso (Br'ml'ds)	9 9 9	193	45·9	35·2	40·5	+2·6	53	1	21	24,26	-	-	1·47	37	- 6	6	15,16	19	10	3	2	0	0	0	-	0	-	-	-
	Wolfelee	9 9 9	537	44·4	34·3	39·3	+2·8	52	15	18	24,26	-	-	3·22	82	- 1	16	19	19	17	5	4	0	0	0	-	5	-	-	-
6*a*. SCOTLAND, W.																														
Argyll.	Ardtornish ..	2121 9	48	45·9	34·2	40·1	*0·0*	54	18,19	20	26	-	-	8·67	220	-	27	18	22	20	1	0	5	0	-	10	-	-	-	-
	Colonsay	9 9 9	—	46·6	37·3	41·9	-	52	18,20	23	26	-	-	5·42	138	-	16	15	23	20	2	0	1	1	-	-	-	-	-	-
	Dunoon	9 9 9	46	46·9	34·9	40·9	-	55	18	17	26	40·3	41·5	11·90	302	-	49	15	22	20	4	1	1	1	2	12	-	1·65	-	17S
	Glenbranter ..	9 9 9	188	44·3	32·6	38·5	-	52	19	14	26	-	-	12·59	320	-	49	1	18	18	3	1	0	0	2	-	1	-	-	-
	Oban	9 9 9	229	(45·5)	(35·1)	(40·3)	*(0·0)*	(55)	18	27	7	-	-	5·49	139	-	26	15	20	19	2	1	1	1	0	9	0	2·03	*-0·08*	21
	Tiree	18-7 7	22	45·9	39·0	42·5	-	51	1,18	26	26	-	-	4·07	103	+16	14	18	22	18	1	0	5	0	0	5	16	2·67	-	28
Bute.	Rothesay ¶§	2121 9	200	45·3	36·8	41·1	+1·2	53	19	26	26	40·3	43·3	6·28	159	+57	29	15	23	22	2	3	1	0	2	8	5	2·00	+0·29	21
Dumbarton.	Cardross	9 9 9	130	45·5	35·0	40·3	*+1·5*	53	21	19	26	-	-	5·86	149	-	26	15	22	21	2	3	0	0	4	-	0	2·03	*+0·47*	21S
	Helensburgh ..	9 9 9	21	44·8	34·8	39·8	+1·5	52	18	20	26	-	-	7·43	189	+67	31	15	22	20	4	0	1	1	3	-	0	1·95	*+0·31*	21
Stirling.	Stirling	9 9 9	151	44·8	35·0	39·9	+0·4	53	18	23	26	39·1	44·8	3·47	88	-	24	19	20	17	(4)	(2)	1	0	3	13	-	1·33	-0·42	14
Renfrew.	Greenock ..	9 9 9	199	45·1	36·9	41·0	+1·9	54	18	24	26	-	-	8·58	218	+75	31	19	22	21	3	3	2	1	8	9	-	-	-	-
	Paisley	2121 9	106	46·7	36·7	41·7	+2·0	54	19	21	26	41·0	44·5	4·52	115	+26	25	19	21	20	2	2	3	0	4	13	-	2·14	*+0·34*	23
	Renfrew ¶§ (Abbotsinch)	18-7 7	19	46·0	36·4	41·2	*+2·3*	53	15,20	17	26	-	-	4·40	112	+30	20	19	21	20	3	1	3	0	2	14	4	2·39	*+0·96*	25
Lanark.	Dungavel ..	9 9 9	798	42·3	33·6	37·9	*+1·3*	49	15,20	20	26	-	-	7·24	184	-	31	15	23	20	7	2	1	1	4	15	-	-	-	-
	Glasgow	9 9 9	85	45·2	37·5	41·3	*+2·0*	53	20	24	26	-	42·5	3·80	97	+24	17	19	22	19	3	4	2	1	6	-	-	-	-	-
	Thorntonhall ..	9 9 9	440	44·0	34·8	39·4	*+1·9*	51	18	20	26	-	-	4·94	125	-	26	19	22	19	4	3	2	1	-	14	2	1·79	*+0·03*	19
Ayr.	Auchincruive ..	9 9 9	89	46·5	36·1	41·3	-	54	20	18	26	41·3	43·5	4·49	114	-	23	15	24	18	1	1	3	0	1	15	-	1·89	-	20
	Colmonell ..	9 9 9	170	46·5	36·6	41·5	*+1·3*	54	20	21	26	-	-	4·32	110	+12	19	15	21	18	1	0	4	0	0	9	-	-	-	-
	Troon	9 9 9	15	44·8	37·4	41·1	-	52	18	24	26	-	-	4·40	112	-	22	16	21	20	1	0	0	0	1	9	0	2·01	-	21
	Turnberry ..	9 9 9	30	46·1	38·6	42·3	*+1·2*	53	20	26	26	-	-	5·35	136	-	28	15	23	21	0	0	2	0	0	10	0	1·76	*-0·34*	18
Dumfries.	Dumfries .. ¶§	2121 9	140	45·8	36·5	41·1	+1·2	53	15,16	25	24	40·6	42·9	4·13	105	+27	18	19	23	18	4	2	0	0	0	11	1	1·61	*-0·28*	17
	Eskdalemuir ¶§	242424	794	42·8	31·8	37·3	*+1·4*	51	15	11	26	39·9	43·2	7·78	198	+72	38	20	23	22	8	1	0	0	0	10	10	1·83	*-0·15*	17
		18-7 -	—	42·5	33·5	38·0	*+2·1*																							
	Ruthwell	2121 9	67	46·0	34·1	40·1	*+1·1*	53	15	20	26	-	-	3·72	95	-	16	5,19	21	16	0	0	0	0	-	-	0	1·50	*-0·54*	16S
	Thornhill ..	9 9 9	670	43·6	34·3	38·9	-	52	15	21	26	-	-	4·33	110	-	18	19	22	18	6	4	3	0	0	-	6	-	-	-

¶§ S *See* Notes on Tables on last page of this issue.

TABLE III (*continued*).—SUMMARY of the RECORDS of TEMPERATURE, RAINFALL and SUNSHINE, and of WEATHER OBSERVATIONS, FEBRUARY, 1935

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. in.	mm.	Difference from Average. mm.	Most in a day. Amount. mm.	Date.	WEATHER. Number of days. Precip'n. 0·2 mm. or more.	1 mm. or more.	Snow.	Snow lying.	Hail.	Thunderstorm.	Fog (Morn'g Obs.)	Ground Frost.	Gale	BRIGHT SUNSHINE. Hours per day. Daily Mean.	Difference from Average.	Per Cent.
6b. ISLE OF MAN.		G.M.T.	ft.	°F.	°F.	°F.	°F.	°F.		°F.		°F.	°F.	in.	mm.	mm.	mm.											hr.	hr.	%
Isle of Man.	Douglas	9 9 9	284	46·5	38·7	42·6	*+1·9*	54	15	25	26	–	–	4·30	109	+28	28	24	22	19	2	0	1	0	1	7	7	2·19	*–0·33*	23
2. ENGLAND, N.E.																														
Northum-	Berwick-on-T. ..	9 9 9	76	45·9	36·5	41·2	–	54	1	24	24,26	–	–	1·12	28	– 8	8	16	13	9	3	0	3	0	0	7	–	1·03	–	21
berland.	Bellingham ..	9 9 9	849	42·4	32·1	37·3	*+1·2*	50	16	16	24,26	–	–	3·45	88	+23	13	16	21	17	6	5	0	0	0	–	–	–	–	–
	Cockle Park ¶§	2121 9	325	45·0	34·3	39·7	+2·0	53	16	23	24,26	38·4	41·0	1·58	40	– 3	11	24	18	11	4	2	4	0	0	12	0	1·83	–0·58	19
	Tynemouth ..	18–7 7	108	46·3	39·0	42·7	+2·6	55	15,16	27	24,26	–	–	2·15	55	+20	13	24	16	11	4	1	1	0	0	8	0	–	–	–
Durham.	Chopwellwood ..	9 9 9	446	46·1	35·6	40·9	*+3·8*	57	1	20	24	–	–	2·88	73	+26	22	24	17	9	6	3	1	0	0	10	–	1·91	*–0·39*	20
	Durham .. ¶§	2121 9	336	46·3	35·5	40·9	+3·0	55	15	22	24	–	–	3·20	81	+47	19	24	15	13	3	3	2	0	3	10	2	1·58	–0·65	16
	Houghall.. ..	9 9 9	160	47·0	35·2	41·1	–	56	15	20	24	–	–	3·32	84	–	20	24	16	13	4	1	4	0	1	13	0	1·65	–	17
	Ushaw College ..	9 9 9	594	44·8	35·4	40·1	+2·7	53	15	21	24	–	–	3·19	81	+41	18	24	16	13	7	4	2	0	2	–	–	–	–	–
Yorks.,	Ampleforth ..	9 9 9	313	45·3	36·1	40·7	+2·7	54	15	26	24	–	–	3·40	86	–	27	24	17	12	7	2	1	1	4	12	–	1·37	–	14
N. Riding.	Castleton ..	9 9 9	450	45·3	34·8	40·1	–	55	16	20	24	39·4	–	4·06	103	–	30	24	18	14	6	4	4	0	0	9	–	–	–	–
	Catterick.. ..	18–7 7	175	45·7	37·9	41·8	–	54	15	25	24	–	–	2·28	58	–	14	24	17	11	5	0	1	0	1	9	0	1·83	–	19
	Scarborough ††§§	9 9 9	118	47·8	37·9	42·9	*+2·5*	55	15,16	30	24	–	42·5	3·26	83	+40	22	24	19	13	3	0	2	0	6	8	3	1·69	–0·55	18
	York .. §§	2121 9	57	47·4	37·8	42·6	+3·1	56	15	28	26	41·1	43·4	2·65	67	+29	19	24	16	14	4	2	1	0	–	–	0	1·36	–0·41	14S
Yorks.,	Hull	2121 9	8	48·2	39·2	43·7	+4·2	58	16	29	24	41·3	43·9	2·97	75	+33	17	21	17	11	6	0	0	0	1	9	–	1·56	–	16
E. Riding.	Spurn Head ..	18–7 7	29	46·6	39·4	43·0	*+3·3*	55	16	33	23,24,26	–	–	3·15	80	+45	13	21	17	14	1	0	1	0	1	–	3	1·91	*–0·47*	20
Lincoln.	Cranwell .. ¶§	18–7 7	240	47·3	38·0	42·7	*+4·0*	57	16	28	7,8	40·2	42·5	1·89	48	+10	8	24	16	10	5	2	1	0	2	8	1	2·03	*–0·33*	21
	Cleethorpes ..	9 9 9	23	48·0	37·7	42·9	–	58	16	29	24	–	–	2·57	65	–	19	21	17	11	2	1	1	0	2	7	–	1·94	–	20
	Skegness ..	9 9 9	15	47·9	37·7	42·8	*+3·7*	58	16	31	10	–	–	2·33	59	+20	12	24	18	12	3	0	2	0	0	5	–	1·83	*–0·75*	19
3. ENGLAND, E.																														
Norfolk.	Cromer	9 9 9	178	47·6	37·5	42·5	*+2·6*	58	16	31	23,24	–	–	1·89	48	+10	9	24	20	10	3	0	2	0	0	4	0	2·08	–0·59	21
	Hunstanton ..	9 9 9	105	46·6	37·6	42·1	–	55	16	31	9	–	–	1·72	44	–	11	5	17	10	1	0	0	0	0	–	–	1·34	–	19
	Norwich	9 9 9	110	47·4	36·9	42·1	*+2·4*	56	16	28	7,24	39·6	–	2·25	57	–	13	5	20	11	3	1	1	0	–	8	–	1·91	*–0·53*	20
	Sprowston ..	9 9 9	93	47·6	36·8	42·2	–	56	16	26	9	–	–	1·85	47	–	13	5	19	11	1	0	0	0	1	12	–	2·12	–	22S
	Terrington ..	9 9 9	13	48·5	37·2	42·9	–	58	16	30	9	–	–	1·37	35	–	8	5	13	9	2	1	1	0	2	10	–	1·92	–	20
	Thetford ..	9 9 9	99	47·9	35·3	41·6	–	56	16	19	9	40·4	42·6	1·94	49	–	17	5	18	13	6	1	0	0	0	10	–	1·90	–	19
	(Lynford Nursery)																													
	Yarmouth ¶§	18–7 7	5	47·1	39·5	43·3	*+3·2*	57	16	32	23	42·3	42·5	1·52	39	+ 1	8	27	17	13	3	0	3	0	0	1	1	1·95	*–0·72*	20
Suffolk.	Bungay (Flix'n)..	9 9 9	79	47·4	36·7	42·1	*+3·0*	56	16	25	9	–	–	2·09	53	–	14	5	11	10	3	0	0	0	0	8	–	–	–	–
	Copdock	9 9 9	164	47·3	36·4	41·9	*+2·8*	56	2	24	9	40·2	43·2	2·85	72	–	20	5	16	12	1	0	1	0	0	8	–	1·97	*–0·45*	20
	Felixstowe ..	18–7 7	15	46·4	38·7	42·5	*+2·9*	56	2,16	29	8	–	–	2·58	65	+33	17	5	19	13	4	1	0	0	0	7	1	2·17	*–0·76*	22
	Hartest	9 9 9	250	47·0	36·2	41·6	–	56	2,16	25	9	–	–	2·43	62	–	16	5	18	13	2	1	0	0	0	15	–	2·09	–	21
	Lowestoft ..	9 9 9	82	47·5	37·4	42·5	*+3·1*	57	16	31	23,24	41·4	–	1·69	43	+ 8	9	27	13	10	5	0	1	0	0	–	2	2·06	*–0·69*	21
Cambridge.	Cambridge ¶§ (Bot. Gdns.)	2121 9	41	48·9	37·1	43·0	+3·4	56	2, 3, 16	24	9	41·6	43·9	1·57	40	+ 8	15	5	13	11	2	0	0	0	0	10	1	2·01	–0·46	20
	(Univ. Farm) ..	9 9 9	81	48·3	37·1	42·7	–	56	16	25	9	–	–	1·64	42	–	16	5	17	11	2	0	0	0	0	8	0	1·99	–	20
Bedford.	Luton	9 9 9	381	47·0	36·7	41·9	*+3·1*	57	2	23	9	41·1	45·0	2·85	72	–	22	5	17	11	4	0	0	0	0	8	–	1·72	*–0·55*	17
	Woburn	9 9 9	291	47·3	36·3	41·8	+3·0	56	2	22	9	41·2	44·8	2·75	70	+32	21	5	17	12	6	2	1	0	0	10	–	1·75	–0·58	18
Hertford.	Rickmansworth	9 9 9	192	48·9	32·3	40·6	–	58	2	18	27	40·3	43·3	3·06	78	–	14	24	21	15	5	2	4	0	3	21	1	1·95	–	20
	Rothamsted ¶§	9 9 9	420	46·1	36·4	41·3	+2·7	55	2	26	9	40·1	–	2·65	67	+20	13	24	15	12	4	0	2	0	0	9	1	1·81	–0·64	18
	St. Albans ..	9 9 9	272	47·9	36·5	42·2	–	56	2	24	9	40·9	–	2·20	56	+12	9	24	16	11	2	0	0	0	0	10	–	–	–	–
Essex.	Clacton-on-S. ¶§	9 9 9	53	46·8	38·0	42·4	*+3·1*	57	2	32	7,8	41·2	43·8	2·72	69	+35	18	5	17	13	3	1	0	0	0	6	–	2·35	*–0·41*	24
	Chelmsford ..	9 9 9	134	48·1	37·4	42·7	*+3·1*	58	2	27	9	–	–	2·13	54	+16	13	5	16	12	2	1	0	0	–	–	–	–	–	–
	Chelmsford (Agr. St.)	9 9 9	193	47·9	35·4	41·7	–	57	2	24	9	–	–	1·91	49	–	11	5	13	11	3	0	0	0	–	10	–	1·87	–	19
	Earls Colne ..	9 9 9	168	48·8	37·3	43·1	–	58	2	27	9	–	–	2·05	52	–	19	5	17	11	3	0	0	0	–	–	–	–	–	–
	Halstead ..	9 9 9	140	48·4	37·0	42·7	+3·2	59	2	24	9	–	–	2·54	65	–	20	5	16	13	4	0	0	0	0	–	–	–	–	–
	Shoeburyness ..	18–7 7	11	48·0	39·0	43·5	*+3·4*	57	2	28	8	–	–	2·16	55	+25	13	5	17	12	3	1	1	0	0	8	0	2·28	*–0·36*	23
4. MIDLAND COUNTIES.																														
Yorks.,	Askham Bryan ..	9 9 9																												
W. Riding.	Bingley	9 9 9	610	44·6	35·9	40·3	–	53	15	26	26	–	–	5·36	136	–	38	15	22	18	9	6	1	0	3	7	–	–	–	–
	Bradford ..	9 9 9	439	45·5	36·9	41·2	*+2·7*	54	15	26	26	40·6	43·7	4·40	112	+53	26	15	19	17	–	–	–	–	2	11	–	1·50	*–0·10*	15
	Doncaster ..	9 9 9		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Giggleswick ..	9 9 9	575	44·2	35·7	39·9	*+2·3*	52	15,16	23	26	–	–	5·88	149	–	28	15	22	21	5	1	1	0	1	–	1	0·88	–	9
	Harrogate ¶§	18–7 7	478	45·0	37·7	41·3	*+3·4*	52	15,16,20	26	26	40·9	42·5	3·30	84	+29	19	16	18	13	4	4	0	0	1	9	3	1·66	–0·50	17
	Huddersfield ..	2121 9	325	46·3	37·8	42·1	*+3·2*	53	15,16,20	26	26	40·3	43·0	3·95	100	+41	24	15	21	16	5	3	1	1	1	10	–	1·24	*–0·35*	13
	,, (Oakes)	9 9 9	761	44·8	36·0	40·4	–	52	15	26	26	40·6	42·6	5·79	147	+80	38	15	23	19	7	5	3	1	0	10	7	–	–	–
	Meltham .. **	9 9 9	514	45·1	36·6	40·9	+2·8	53	15	26	26	40·3	41·0	7·66	195	+99	50	15	20	18	7	2	1	1	3	7	–	–	–	–
	Pontefract ..	9 9 9	255	46·3	37·3	41·8	–	54	15,16	28	26	–	–	1·62	41	+ 3	13	24	13	8	–	–	–	–	2	9	–	–	–	–
	Sheffield	9 9 9	428	46·4	37·7	42·1	+2·6	54	16,19	30	9,26	40·6	42·7	4·00	101	+41	19	24	18	14	–	–	–	–	–	8	–	1·54	–0·44	16
	Wakefield ..	9 9 9	124	47·7	37·5	42·6	*+3·5*	56	19,20	27	26	41·1	43·8	2·01	51	+ 8	13	24	17	10	8	1	3	0	1	10	–	1·06	*–0·45*	11S
Derby.	Belper (School) ..	9 9 9	222	46·5	35·5	41·0	*+2·3*	55	16	27	23	–	–	2·24	57	+ 3	15	24	18	12	1	1	0	0	–	–	–	–	–	–
	Belper (Q. Bk.) ..	9 9 9	280	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Buxton	9 9 9	1007	42·8	35·4	39·1	*+2·9*	50	15,16	25	26	38·8	40·8	7·53	191	+96	46	15	22	19	6	4	2	0	5	9	–	0·90	*–0·82*	9
Nottingham.	Attenborough ..	18 7 7	89	48·3	37·8	43·1	–	59	16	28	7,23,27	–	–	2·18	55	–	10	22	15	9	5	0	2	1	1	8	4	–	–	–
	Mansfield ..	9 9 9	357	46·5	36·6	41·5	–	55	16	29	7,9,24	–	–	2·67	68	–	21	21	14	10	3	1	1	0	4	–	–	–	–	–
	Nottingham ¶§	9 9 9	192	47·9	38·1	43·0	+3·9	57	16	31	23,26	40·5	42·3	2·04	52	+13	12	21	16	9	–	–	–	–	5	9	–	1·40	*–0·49*	14
	Sutton Bon'gton	9 9 9	157	48·1	37·3	42·7	–	58	16	27	7	41·4	–	1·93	49	+14	11	21	11	9	4	0	0	0	3	8	–	1·74	–	18
	Worksop ..	9 9 9	56	48·7	37·3	43·0	+3·7	58	16	28	9	40·7	43·1	2·52	64	+25	20	24	17	9	4	1	1	0	–	10	9	1·74	–	18

† At Scarborough the earth thermometer is at a depth of 3 ft. ** At Meltham the earth thermometers are at depths of 1 ft. and 2 ft.

¶§ S *See* Notes on Tables on last page of this issue.

TABLE III (*continued*).—SUMMARY of the RECORDS of TEMPERATURE, RAINFALL and SUNSHINE, and of WEATHER OBSERVATIONS, FEBRUARY, 1935

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.		Difference from Average.	Most in a day. Amount.	Date.	WEATHER. Number of days. Precip'n. 0·2 mm. or more.	1 mm. or more.	Snow.	Snow lying.	Hail.	Thunderstorm.	Fog (Morn'g Obs.)	Ground Frost.	Gale.	BRIGHT SUNSHINE. Hours per day. Daily Mean.	Difference from Average.	Per Cent.
4. MID. COUNTIES—*cont.*		G.M.T.	ft.	°F.	°F.	°F.	°F.	°F.		°F.		°F.	°F.	in.	mm.	mm.	mm.												hr.	hr.	%
Leicester.	Belvoir Castle ..	2121 9	259	47·6	36·9	42·3	+3·6	58	16	28	7	41·3	44·7	2·15	55	+13	13	5	11	9	–	–	–	–	8	–	1·84	*-0·71*	19
North-ampton.	Oundle	9 9 9	147	47·9	36·1	42·0	*+3·2*	57	16	26	9	41·5	44·1	1·47	37	–	11	5	16	9	4	0	1	0	1	13	–	1·82	*-0·32*	19
	Raunds	9 9 9	213	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Roade	9 9 9	394	47·3	35·8	41·5	–	54	16	28	23	40·1	–	2·56	65	–	19	5	10	10	1	0	0	0	0	11	1	–	–	–
Warwick.	Birmingham ¶§	18–7 7	535	46·9	38·1	42·5	*+3·6*	55	16	28	26	42·1	45·7	2·57	65	+22	14	5	15	11	5	0	3	0	1	7	1	1·90	-0·01	19
	,, Sparkhill	713 7	425	48·1	36·9	42·5	*+3·2*	57	16	27	26	–	–	2·48	63	+17	15	5	16	10	5	0	1	0	3	11	–	–	–	–
	Coventry	9 9 9	241	48·6	36·3	42·5	+3·0	56	2,16	27	9,23	42·8	46·8	1·96	50	+ 5	15	5	16	10	2	0	1	0	0	13	–	1·79	*-0·20*	18S
	Rugby	2121 9	390	48·1	35·1	41·6	–	55	2,16	25	9	–	–	2·11	54	–	19	5	17	12	3	0	0	0	–	13	–	–	–	–
	Stratford-on-Avon	9 9 9	210	48·9	36·3	42·6	–	57	16	27	9	–	–	1·92	49	–	15	5	17	11	3	0	4	0	0	–	–	2·10	–	21
Oxford.	Oxford .. ¶§	9 9 9	208	48·8	37·3	43·1	+2·9	57	2	25	9	41·6	44·4	2·05	52	+10	14	5	16	12	4	0	2	0	0	9	3	2·21	-0·22	22
Bucks.	Mursley	9 9 9	490	46·7	35·5	41·1	–	56	2	24	9	40·3	–	2·57	65	+22	20	5	15	11	–	–	–	–	–	–	–	1·72	–	17
Stafford.	Mayfield	9 9 9	374	46·4	36·0	41·2	*+3·3*	55	16	26	9	–	–	3·42	87	+30	21	21	20	12	5	2	1	1	–	8	–	1·35	*-0·57*	14S
Shropshire.	Newport	9 9 9	211	48·1	36·6	42·3	–	58	16	25	9	–	–	2·49	63	+23	14	21	17	10	4	1	2	0	2	9	–	1·96	–	20
	Shrewsbury ..	9 9 9	184	49·0	37·4	43·2	*+3·2*	56	16	25	9	42·4	44·9	2·70	69	–	19	21	16	12	4	1	0	0	1	8	1	1·97	–	20
Worcester.	Malvern	9 9 9	380	47·9	38·9	43·4	*+3·9*	57	16	30	26	41·6	43·6	1·94	49	+ 3	9	24	14	12	4	2	0	0	0	7	–	2·09	*-0·39*	21
	Worcester (Perdiswell)	9 9 9	94	49·5	37·7	43·6	–	58	16	27	9	–	–	1·83	47	–	8	5	14	12	3	0	1	0	–	10	–	2·14	–	22
Hereford.	Bromyard ..	9 9 9	393	48·4	37·1	42·7	*+3·5*	56	16	27	26	41·8	44·2	1·99	51	–	8	24	14	11	4	2	1	0	1	13	–	–	–	–
	Hereford ..	9 9 9	292	48·8	37·5	43·1	+3·6	58	16	28	7,9,26	–	–	2·16	55	+ 3	11	24	15	9	4	1	0	0	0	14	2	–	–	–
	Ross-on-Wye ¶§	18–7 7	223	49·2	39·9	44·5	*+3·9*	55	2,3,13	28	9	42·3	44·8	1·91	49	– 2	11	24	15	9	3	0	1	2	0	11	2	2·02	*-0·28*	20
Gloucester.	Bristol (Horfield)	18–7 7	206	49·0	39·4	44·2	–	58	2	27	9	43·2	45·3	3·43	87	–	13	21	20	17	3	1	3	2	0	8	4	–	–	–
	Cheltenham ..	2121 9	214	48·3	37·3	42·8	*+2·7*	56	2	25	9	42·1	44·3	2·25	57	+ 8	10	21	14	10	3	0	2	0	2	12	0	2·09	*-0·34*	21
	Cirencester ..	9 9 9	443	47·2	36·0	41·6	*+3·1*	55	2	28	9	–	–	2·95	75	–	16	20	17	13	3	0	2	0	0	19	–	2·37	–	24
	Parkend	9 9 9	325	48·3	36·6	42·5	–	57	2	27	9,24	41·9	44·0	3·51	89	–	24	21	19	13	4	1	1	1	1	13	–	2·55	–	26
5. ENGLAND, S.E.																														
London.	City, Bunhill Row..	—	—	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1·35	+0·15	14
	Camden Square ..	9 9 9	110	48·3	38·9	43·6	+3·1	57	2	28	9	41·8	44·9	2·20	56	+14	10	5	15	11	2	1	0	0	–	8	–	–	–	–
	East Ham ..	9 9 9	15	48·7	38·7	43·7	*+3·4*	58	2	28	9	–	–	1·78	45	+ 7	8	24	15	12	–	–	–	–	–	–	–	–	–	–
	Enfield	9 9 9	148	48·5	37·6	43·1	*+3·2*	57	2	27	9	–	44·1	2·45	62	+20	10	5	14	12	2	0	0	0	0	7	–	1·91	–	19
	*g*Greenwich ..	2424 9	149	48·7	38·3	43·5	+3·2	57	2	28	9	42·5	44·8	2·15	55	+15	10	27	16	12	3	0	0	0	1	8	0	1·53	-0·60	15
		21–9 –	—	48·5	39·4	43·9																								
	Hampstead ..	9 9 9	450	48·7	36·0	41·3	*+2·0*	55	2,15	26	9	–	–	2·37	60	–	11	24	14	12	2	1	1	0	–	16	–	1·71	*-0·29*	17
	Kensington ..	18–9 9	80	48·4	40·4	44·4	*+3·1*	57	2	29	9	42·6	45·1	2·00	51	–	8	24	14	12	3	1	1	0	1	9	0	1·43	–	14
	Kingsway ..	—	—	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1·46	–	15
	Regent's Park ..	9 9 9	129	48·7	38·9	43·8	–	57	2	28	9	–	–	2·19	56	–	8	24	17	11	2	0	0	0	0	8	–	1·53	*-0·08*	15
	Kew ¶§	242424	18	48·4	39·2	43·8	+3·1	58	2	30	9	41·7	44·6	2·30	59	+19	12	27	14	13	3	0	0	0	0	8	0	1·88	-0·26	19
	Observatory ..	18–7 –	—	48·1	40·4	44·3	*+3·0*																							
	Stroud Green ..	18 7 7	212	48·0	39·3	43·7	–	57	2	26	9	–	–	2·21	56	–	10	27	15	10	2	0	0	0	0	8	2	–	–	–
	Tottenham ††¶§	2121 9	51	48·8	39·9	44·3	*+3·2*	57	2	31	8,9	–	45·8	1·99	51	+10	9	24	12	9	0	0	0	0	–	3	–	1·65	*-0·07*	17
	Westminster ..	9 9 9	27	49·3	39·3	44·3	*+2·7*	58	2	30	9	–	–	1·92	49	+12	8	27	13	12	2	0	0	0	–	8	–	1·43	-0·17	14
Surrey.	Addington ..	9 9 9	472	46·5	36·9	41·7	+2·6	53	15,16	26	9	–	–	3·11	79	–	16	27	16	12	2	0	0	0	1	–	–	–	–	–
	Croydon Aero. ..	18–7 7	217	47·9	39·6	43·7	*+2·9*	57	2	28	9	–	–	3·19	81	+32	21	27	18	12	3	1	1	0	0	7	0	1·85	*-0·42*	19
	Wisley	9 9 9	150	48·3	37·4	42·9	*+2·7*	57	2	26	9	42·1	44·3	3·12	79	–	15	24	18	10	2	0	0	0	0	12	3	1·74	*-0·65*	18S
Kent.	Biggin Hill ..	18–7 7	567	45·8	38·6	42·2	*+3·0*	55	2	25	9	–	–	4·17	106	+48	18	24	18	13	4	2	1	1	1	8	0	2·00	*-0·45*	20
	Bromley	9 9 9	213	47·9	37·7	42·8	–	56	2	28	9	–	–	2·69	68	+26	11	24	16	13	3	0	1	0	0	10	–	–	–	–
	Canterbury ..	9 9 9	124	47·1	38·2	42·7	*+2·4*	57	2	29	27	42·9	45·0	3·12	79	–	19	24	17	11	–	–	–	–	–	8	–	–	–	–
	Dover	9 9 9	22	47·6	39·5	43·5	*+3·1*	54	2,14	32	9	41·8	44·6	3·09	79	–	13	28	18	13	4	0	1	0	0	0	7	2·23	*-0·73*	22
	Dungeness ..	18–7 7	20	47·1	38·3	42·7	*+1·4*	54	14	29	10	–	–	3·19	81	+40	14	28	19	15	1	0	1	0	0	–	5	–	–	–
	East Malling ..	9 9 9	132	47·8	36·9	42·3	–	57	2	28	24	–	–	3·56	90	–	22	24	20	15	1	0	1	1	0	8	0	1·51	–	15
	Folkestone ..	9 9 9	101	47·1	38·1	42·6	*+2·3*	56	2	31	9,10,11	–	45·7	3·68	93	–	13	24	19	13	3	1	1	0	0	9	–	2·30	*-0·56*	23
	Goudhurst ..	9 9 9	290	47·4	36·7	42·1	–	54	3	27	8	–	–	4·88	124	–	30	24	19	15	3	2	1	1	0	8	–	–	–	–
	Lympne	18–7 7	346	45·7	37·7	41·7	*+2·1*	55	2	27	10	–	43·1	3·05	77	+27	11	20	18	13	5	5	3	0	1	8	0	2·17	*-0·79*	22
	Manston	18–7 7	142	47·1	38·4	42·7	–	57	2	30	9	–	–	2·03	52	–	9	24	16	15	4	0	3	0	0	6	2	2·21	–	22
	Margate .. ¶§	9 9 9	51	47·8	39·8	43·7	*+3·0*	56	2	32	10	42·0	44·2	2·00	51	+16	10	24	17	14	2	0	0	0	1	4	2·17	-0·78	22
	Tunbridge W. ..	9 9 9	351	46·7	36·2	41·5	*+2·4*	55	2	27	9	41·2	43·7	5·48	139	–	34	24	19	12	3	0	2	1	0	13	0	1·96	-0·67	20
	Wye	9 9 9	164	47·0	35·9	41·5	–	57	2	22	9	–	–	3·83	97	–	17	5,24	19	13	2	1	0	0	–	10	0	1·91	–	19
Sussex.	Ardingly ..	9 9 9	437	46·4	36·0	41·2	*+2·5*	55	2	26	9	–	–	4·94	125	–	29	24	20	16	2	0	1	1	–	10	–	–	–	–
	Beachy Head ..	18–7 7	502	46·1	36·9	41·5	–	52	3	27	8,9	–	–	4·43	113	–	25	25	17	15	3	0	1	0	0	–	–	–	–	–
	Brighton ..	9 9 9	32	47·4	38·7	43·1	*+2·2*	55	2	28	9	–	44·5	4·44	113	+62	27	24	18	17	2	0	1	1	1	5	2	2·15	-0·78	22
	Eastbourne ..	2121 9	35	47·4	39·6	43·5	+2·2	53	14	30	7,9,10	43·2	46·0	4·11	105	+49	27	25	18	16	3	1	0	0	0	7	–	2·24	-0·76	23
	St. Leonards ¶§	2121 9	178	46·9	38·5	42·7	*+2·2*	53	2	29	9	41·4	44·5	4·17	106	+55	29	25	20	15	1	1	2	0	0	5	6	2·22	-0·80	22
Berkshire.	Ascot H'therw'd	2121 9	320	48·1	36·4	42·3	–	58	2	26	8,9	–	–	2·71	69	–	17	24	16	11	3	1	0	0	0	14	–	2·56	–	26
	Reading	9 9 9	152	49·8	38·0	43·9	*+4·0*	59	2	28	9	42·4	45·6	2·24	57	–	13	24	16	12	2	0	0	0	–	10	2	–	–	–
	Shinfield	9 9 9	200	49·2	36·7	42·9	*+3·2*	59	2	27	9	–	–	2·54	65	–	13	24	14	13	3	0	0	0	–	–	–	–	–	–
	Warfield	9 9 9	220	48·3	36·5	42·4	–	57	2	26	9	41·5	–	2·39	61	–	12	24	16	13	1	1	1	0	1	10	–	2·26	–	23
Hampshire.	Bournemouth ..	9 9 9	138	48·8	38·9	43·9	*+2·8*	56	2	25	9	42·8	44·2	3·21	81	+20	14	20	18	14	0	0	1	1	1	–	–	2·50	*-0·49*	25
	Calshot	18–7 7	8	48·7	39·6	44·1	*+2·4*	56	2	28	9	–	–	2·89	73	+27	14	26	15	13	3	0	2	2	0	7	5	2·31	*-0·53*	23
	Long Sutton ..	9 9 9	479	47·5	35·5	41·5	–	56	2	24	8,9	41·2	–	3·73	95	–	22	24	18	13	3	0	1	0	0	8	–	2·17	–	22
	Southamp'n ¶§	2121 9	64	49·0	37·6	43·3	+2·0	56	2	26	9	–	–	3·71	94	+36	18	24	17	15	3	0	0	1	1	9	2	2·27	-0·37	23
	S. Farnboro' ..	18–7 7	237	48·7	38·4	43·5	*+3·4*	57	2	23	8	–	–	3·19	81	+33	21	27	15	10	3	0	3	0	0	10	3	2·38	*-0·18*	24

†† Tottenham is used as a "district value" station for England, E., and not for England, S.E.

g Temperature from thermometers on a Glaisher stand. ¶§ See Notes on Tables on last page of this issue.

TABLE III (*continued*).—SUMMARY of the RECORDS of TEMPERATURE, RAINFALL and SUNSHINE, and of WEATHER OBSERVATIONS, FEBRUARY, 1935

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. in	mm.	Difference from Average. mm.	Most in a day. Amount. mm.	Date.	WEATHER. Number of days. Precip'n. 0·2 mm. or more.	1 mm. or more.	Snow.	Snow lying.	Hail.	Thunderstorm.	Fog (Morn'g Obs.)	Ground Frost.	Gale.	BRIGHT SUNSHINE. Hours per day. Daily Mean.	Difference from Average.	Per Cent.
5. ENGLAND, S.E.—*cont.*		G.M.T.	ft.	°F.	°F.	°F.	°F.	°F.		°F.		°F.	°F.																hr.	hr.	%
I. of Wight.	Newport	9 9 9	48	49·0	38·1	43·5	–	55	2	26	8	–	–	4·59	117	–	23	27	17	14	3	0	3	1	0	11	–	–	–	–
	Ryde	9 9 9	13	48·8	39·6	44·2	*+2·3*	55	2	30	9	–	–	3·92	100	–	20	24	18	13	1	0	1	1	0	–	4	2·42	*–0·38*	24
	Sandown ..	9 9 9	13	48·5	39·7	44·1	*+1·8*	56	2	29	9	–	–	3·94	100	–	21	24	19	13	3	0	1	1	0	–	–	2·69	*–0·34*	27
	Totland Bay ..	9 9 9	140	47·8	39·5	43·7	*+2·4*	53	2	28	9	–	–	2·90	74	+23	14	27	17	12	3	0	1	1	0	7	8	2·41	*–0·56*	24
	Ventnor (Hospital)	9 9 9	59	48·4	39·8	44·1	*+1·8*	55	2	29	9	–	–	3·47	88	+35	19	24	18	13	5	0	2	1	–	–	0	2·43	–0·51	24
Wilts.	Amesbury (Boscombe Down)	18–7 7	417	47·8	36·9	42·3	–	55	2	22	9	–	–	2·77	70	–	12	27	17	14	4	2	1	1	1	9	2	2·60	–	26
	Larkhill	9 9 9	440	47·6	36·1	41·9	*+2·4*	56	16	23	9	–	–	2·74	69	+20	14	24	17	12	5	0	1	0	0	10	3	–	–	–
	Marlboro' ¶§	9 9 9	424	47·5	35·5	41·5	*+2·6*	57	2	24	9	41·9	45·0	3·72	95	+33	18	5	17	16	4	0	0	1	0	15	0	2·35	*+0·28*	24
	Porton	9 9 9	363	48·2	35·5	41·9	*+2·7*	55	2	25	9	41·3	–	3·18	81	+31	12	21,24	17	12	4	0	0	0	0	12	8	2·41	–	24
7a. ENGLAND, N.W.																														
Cumberland.	Keswick	9 9 9	254	46·3	37·4	41·9	*+2·2*	55	15	23	26	41·3	43·8	8·92	227	+102	35	15	25	19	8	2	1	1	0	11	0	1·26	*–0·61*	13
	Newton Rigg ¶§	2121 9	560	44·9	35·3	40·1	*+2·6*	53	15	21	26	–	–	4·49	114	+36	24	15	24	20	6	3	3	0	1	12	3	1·54	–0·61	16
Westmorland.	Ambleside ..	9 9 9	145	46·7	36·7	41·7	–	54	16	23	26	–	–	11·67	296	–	94	15	23	22	4	2	1	0	0	–	–	1·07	–	11
	Appleby	9 9 9	440	45·4	34·2	39·8	*+3·0*	54	15	21	26	–	–	4·54	115	+40	24	20	23	18	6	4	0	1	–	–	–	–	–	–
Lancashire.	Bolton	9 9 9	342	45·9	37·5	41·7	*+2·8*	53	15	25	25	41·2	42·9	5·54	141	+64	29	15	20	16	2	1	0	0	–	5	–	0·91	–0·22	9S
	Burnley	9 9 9	458	45·0	37·0	41·0	*+2·6*	52	15,16,19	28	8,26	41·0	43·0	6·48	165	–	34	15	24	20	4	1	1	0	6	7	–	0·77	*–0·72*	8S
	Darwen	2121 9	724	44·4	36·1	40·3	*+2·5*	51	15,16	24	26	40·5	42·2	7·68	195	+102	39	15	24	18	7	3	1	0	6	9	–	0·79	*–0·90*	8S
	Hutton	9 9 9	82	46·9	37·6	42·3	*+2·8*	53	15	24	26	41·4	43·5	4·27	108	–	15	20	22	15	3	0	1	0	0	10	0	1·23	*–0·65*	13
	Lancaster ..	9 9 9	312	45·1	37·4	41·3	*+1·7*	49	15,16,20	25	26	38·9	41·5	5·36	136	+63	23	15	22	19	1	0	0	1	3	7	0	1·30	*–1·00*	13
	Leyland	9 9 9	125	46·8	37·0	41·9	*+2·4*	54	19	20	26	–	–	4·46	113	+52	14	1,5	21	12	1	0	1	0	2	10	–	1·31	*–0·62*	13
	Manchester (Barton) ..	18–7 7	70	47·6	38·4	43·0	–	56	16	24	26	–	–	3·17	80	–	12	3	17	14	2	1	1	1	2	12	4	1·24	–	13
	(Oldham Road)	2121 9	191	47·2	39·7	43·5	+3·0	55	15,16	29	26	41·7	44·3	3·42	87	+31	15	3	19	14	5	–	0	1	–	11	–	0·52	*–0·51*	5S
	(Whitworth Pk.)	2121 9	125	47·5	39·3	43·4	+3·3	56	15	28	26	–	–	3·03	77	+28	12	15	20	14	–	–	–	–	7	–	–	0·94	*–0·36*	10
	Southport (Bedford Rd. Pk.) ¶§	9 9 9	35	47·2	38·6	42·9	+3·0	54	20	26	26	41·7	44·4	3·14	80	+27	13	3,20	18	16	2	0	1	0	0	6	3	1·51	*–0·83*	16
	Stonyhurst ¶§	9 9 9	377	45·1	37·0	41·1	*+2·4*	52	15	25	26	–	–	7·56	192	+107	35	15	22	19	5	2	4	1	0	8	3	1·15	–0·75	12S
Cheshire.	Bidston Obs'y. ..	18–7 7	198	46·4	40·1	43·3	*+3·0*	55	15	31	26	–	–	2·22	56	+13	9	3	17	13	3	0	0	0	0	3	5	1·62	*–0·71*	17
	Hoylake	9 9 9	23	46·5	39·2	42·9	*+2·2*	54	20	27	8	–	–	2·35	60	+17	10	3	18	14	2	0	0	0	–	9	–	1·90	–0·47	20
	Macclesfield ..	9 9 9	500	45·6	36·1	40·9	*+2·8*	53	15,16	25	26	–	–	4·52	115	+60	18	21	20	16	6	4	1	0	2	–	–	–	–	–
	West Kirby ..	9 9 9	25	47·1	39·0	43·1	–	55	15,19	28	8,9	–	–	2·18	55	+13	10	3	19	12	5	0	4	1	0	8	–	1·87	–	19
7b. NORTH WALES.																														
Flint.	Hawarden B'dge	9 9 9	17	49·2	39·5	44·3	*+3·4*	57	3,19,20	27	26	–	–	2·38	60	–	10	24	16	13	2	0	0	0	2	–	–	–	–	–
	Rhyl	9 9 9	31	48·5	39·2	43·9	*+2·7*	57	15	27	26	–	–	2·17	55	+15	11	3	18	13	1	0	1	0	0	6	6	1·93	*–0·75*	20
	Sealand .. ¶§	18–7 7	16	48·9	39·8	44·3	*+3·6*	57	3,20	27	26	42·7	44·7	2·32	59	+19	9	16	16	13	2	0	0	0	1	12	1	1·68	*–0·43*	17
Anglesey.	Holyhead ¶§	18–7 7	26	47·9	42·5	45·2	*+2·7*	53	3,15	33	26	–	–	3·35	85	+23	17	20	21	14	1	0	2	0	0	3	3	1·90	*–0·70*	20
Denbigh.	Colwyn Bay ..	9 9 9	118	48·7	40·2	44·5	*+2·4*	57	15	29	8,26	–	–	3·21	81	+27	16	3	20	16	1	0	1	0	0	–	–	1·71	*–1·00*	18
Carnarvon.	Aber	9 9 9	60	48·2	40·7	44·5	–	55	15	30	26	–	–	5·75	146	–	22	20	23	20	1	0	2	1	–	7	2	1·24	–	13S
	Llandudno ..	9 9 9	13	48·6	40·6	44·6	*+2·7*	57	18,20	29	8	–	–	2·94	75	+25	17	3	19	17	3	0	1	0	0	3	1	1·73	–0·86	18
Montgomery.	Welshpool ..	9 9 9	254	49·0	37·0	43·0	*+3·3*	54	2,13,20	23	9,26	–	–	3·41	87	+33	23	21	16	11	5	0	0	0	1	–	–	–	–	–
8a. SOUTH WALES.																														
Cardigan.	Aberystwyth ..	9 9 9	69	47·4	40·3	43·9	*+2·5*	54	13	29	26	–	–	4·16	106	–	17	21	23	19	0	0	1	0	0	–	–	2·29	*–0·35*	23
	,, P.B.S. †	9 9 9	452	45·9	38·3	42·1	–	51	16,18,20	28	26	–	–	4·46	113	–	18	21	23	19	1	0	0	0	3	8	1	2·25	–	23
Pembroke.	Haverfordwest ..	2121 9	250	47·3	39·5	43·4	+1·9	54	2	29	9	–	–	4·91	125	–	25	21	23	19	0	0	0	0	–	–	–	–	–	–
	St. Ann's Hd. ¶§	18–7 7	142	48·6	41·5	45·1	*+2·2*	56	4	31	9	–	–	3·55	90	+22	18	21	20	17	1	0	6	0	0	–	–	2·73	+0·21	28
Radnor.	Rhayader ¶§	9 9 9	757	45·1	36·0	40·5	*+2·4*	52	15	23	26	–	–	6·08	154	+51	31	15	23	18	8	2	3	0	0	13	0	1·56	*–0·47*	16
Brecknock.	Cantref	9 9 9	1080	43·6	30·9	37·3	–	50	2	22	9,26	–	–	8·56	217	–	33	15	23	21	4	2	0	2	3	–	–	1·86	–	19
Glamorgan.	Cardiff	2121 9	202	48·4	38·5	43·5	*+3·1*	57	12	28	9	42·7	45·2	4·09	104	+29	19	20	22	16	1	0	2	0	3	7	0	2·42	*–0·13*	24
	Swansea	9 9 9	27	48·8	40·2	44·5	*+2·4*	55	2,3	31	9,26	43·6	48·9	4·80	122	–	20	21	23	18	0	0	3	0	1	7	–	2·19	*–0·19*	22
8b. ENGLAND, S.W.																														
Monmouth.	Newport	9 9 9	265	48·1	37·9	43·0	*+2·1*	55	2	28	9	42·5	44·8	4·31	109	–	20	20	21	16	–	–	–	–	4	–	–	2·37	–	24
	Usk	9 9 9	70	49·9	36·3	43·1	–	57	2	26	9	42·8	–	3·50	89	–	18	21	11	11	1	0	1	2	0	10	2	1·73	–	18
Somerset.	Bath .. ¶§	9 9 9	67	49·3	39·1	44·2	*+3·7*	57	2	22	9	43·4	46·0	2·52	64	+ 9	10	26	18	13	4	0	1	1	1	–	0	2·62	*+0·09*	26
	Cannington ..	9 9 9	95	49·7	39·8	44·7	–	56	2,15,20	26	9	–	–	2·88	73	–	17	26	19	14	1	0	0	0	0	7	4	2·43	–	24
	Long Ashton ..	9 9 9	162	48·9	38·5	43·7	*+2·8*	56	2	26	9	–	–	3·24	82	+22	12	20	21	15	3	1	3	1	0	8	4	2·17	*–0·28*	22
Dorset.	Holton Heath ..	9 9 9	64	49·3	37·9	43·6	*+2·0*	57	2	25	9	42·3	44·4	3·61	92	–	19	24	16	11	1	0	2	1	0	14	5	2·07	*–0·67*	21
	Portland Bill ..	18–7 7	32	47·6	42·1	44·9	*+1·6*	52	2	30	9	–	–	2·90	74	+25	17	24	17	11	1	0	1	0	0	–	1	–	–	–
	Shaftesbury ..	9 9 9	722	46·0	35·9	40·9	+2·0	53	16	25	7	–	–	3·18	81	+22	7	23	20	20	3	1	0	0	–	–	–	–	–	–
Devon.	Arlington ..	9 9 9	613	48·1	37·6	42·9	*+2·8*	52	20	24	26	–	–	5·74	146	+47	24	25	22	20	2	2	7	0	–	7	–	–	–	–
	Cullompton ¶§	9 9 9	202	49·5	37·7	43·6	*+2·5*	55	16	25	9	43·6	–	4·70	119	+48	25	25	22	16	1	1	2	0	0	16	–	2·46	–0·19	25
	Ilfracombe ..	9 9 9	25	48·7	42·9	45·8	*+2·6*	54	20	35	26	44·1	48·3	4·35	111	+44	16	25	19	16	0	0	1	0	0	0	–	1·90	*–0·59*	19

† Plant Breeding Station. ¶§ S *See* Notes on Tables on last page of this issue.

TABLE III (*continued*).—SUMMARY of the RECORDS of TEMPERATURE, RAINFALL and SUNSHINE, and of WEATHER OBSERVATIONS, FEBRUARY, 1935

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.		Difference from Average.	Most in a day. Amount.	Date.	WEATHER. Number of days. Precip'n. 0·2 mm. or more.	1 mm. or more.	Snow.	Snow lying.	Hail.	Thunderstorm.	Fog (Morn'g Obs.)	Ground Frost.	Gale.	BRIGHT SUNSHINE. Hours per day. Daily Mean.	Difference from Average.	Per Cent.
		G.M.T.	ft.	°F.	°F.	°F.	°F.	°F.		°F.		°F.	°F.	in.	mm.	mm.	mm.											hr.	hr.	%
8b. ENGLAND, S.W.—*cont.*																														
Devon.—*cont.*	Killerton ..	9 9 9	159	49·6	37·8	43·7	+2·0	56	16	27	9	–	–	4·26	108	–	23	25	21	15	–	–	–	–	0	17	–	–	–	–
	Newton Abbot ..	9 9 9	375	48·6	39·1	43·9	–	55	4,13	27	9	–	–	4·18	106	+29	19	24	20	15	2	1	5	1	0	10	–	2·33	–	–
	Paignton ..	9 9 9	12	49·8	39·6	44·7	+1·4	57	2	29	9	–	–	4·69	119	–	25	24	19	15	2	1	5	1	1	11	–	2·29	–0·34	23
	Plymouth (Hoe)	2121 9	117	49·5	40·6	45·1	+1·9	54	2,3,17	28	9	44·0	46·7	3·75	95	+20	15	21	20	15	0	0	5	1	2	6	6	2·40	–0·39	24
	Plymouth (Mount Batten) ..	18–7 7	82	48·7	41·9	45·3	+1·6	53	2,3,15	30	9	–	–	2·94	75	–	13	24	18	15	0	0	6	1	0	5	5	2·39	–0·46	24
	Princetown ..	9 9 9	1430	44·5	33·8	39·1	+2·2	49	13	23	9	–	–	9·41	239	+47	30	26	25	24	7	3	2	1	10	9	–	–	–	–
	Salcombe ..	9 9 9	39	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Sidmouth ..	9 9 9	25	50·3	39·8	44·9	+2·9	57	15	29	9	–	–	3·49	89	–	17	24	18	14	1	0	0	0	0	9	–	2·60	–	26
	Tavistock ..	9 9 9	457	47·5	37·9	42·7	+1·0	52	3,13	25	26	–	45·5	5·45	139	+36	23	21	23	19	2	1	5	1	0	11	5	–	–	–
	Teignmouth ..	9 9 9	20	50·2	40·7	45·5	+2·3	56	2,4	29	9	–	–	4·04	103	+35	25	26	17	15	2	0	2	1	0	7	–	2·38	–0·39	24
	Torquay	9 9 9	27	50·1	40·1	45·1	+1·8	56	2,13	31	9,26	–	46·0	4·25	108	+38	22	24	19	15	2	1	3	1	0	6	6	2·65	–0·28	27
	Woolacombe ..	9 9 9	60	48·2	42·1	45·1	+2·0	52	19,20	31	9	–	–	2·98	76	+19	12	25	17	15	2	0	2	0	0	3	–	–	–	–
Cornwall.	Falmouth Obs. ¶§	9 9 9	167	49·5	41·0	45·3	+1·6	54	3,13,19	28	9	43·2	47·1	4·41	112	+18	14	21	21	18	0	0	4	0	0	6	–	2·31	–0·49	23
	Fowey	9 9 9	51	49·9	41·0	45·5	+1·4	55	14	29	9	–	–	3·53	90	–	13	21	21	19	0	0	2	2	0	–	–	2·19	–0·47	22
	Gulval	9 9 9	20	50·0	38·4	44·2	–	55	14	26	9	–	–	4·90	125	–	16	21	21	17	0	0	1	0	–	6	–	2·45	–	25
	The Lizard ..	18–7 7	240	48·0	41·7	44·9	–	52	20	30	9	–	–	2·80	71	–	11	21	18	15	0	0	4	0	0	–	10	–	–	–
	Newquay ..	9 9 9	190	48·5	41·6	45·1	+1·9	54	19	28	9	44·6	47·1	3·55	90	+25	15	21	21	14	0	0	4	0	0	–	3	2·14	–0·66	21
	Redruth	9 9 9	397	47·3	39·8	43·5	+0·7	52	20	27	9	–	–	4·09	104	+ 8	17	21,26	20	18	0	0	0	0	0	8	8	–	–	–
9. IRELAND, N.																														
Sligo.	Markree Cas. ¶§	2121 9	122	49·2	36·3	42·7	+2·0	55	15,16	22	9,26	43·6	46·0	3·89	99	+10	14	5	24	23	2	0	3	0	0	–	3	2·58	+0·46	278
Mayo.	Blacksod Pt. ¶	18–7 7	18	48·5	41·0	44·7	–	54	18	32	8,26	–	–	5·00	127	+24	19	27	23	19	0	0	4	1	0	–	5	–	–	–
	Mallaranny §	9 9 9	113	48·9	39·3	44·1	+1·3	54	1,15	30	9,26	–	–	5·81	148	–	14	27	24	21	–	–	–	–	0	–	–	2·39	+0·28	25
Donegal.	Malin Head ¶§	18–7 7	83	46·6	40·0	43·3	+1·4	53	18,19	30	26	–	–	3·17	81	+20	10	18	21	20	1	0	6	0	0	–	1	2·00	–0·30	21
Antrim.	Aldergrove ..	18–7 7	238	46·4	37·7	42·1	–	54	18	23	26	–	–	3·42	87	+26	12	26	23	15	3	0	2	0	0	6	0	2·04	–	21
Down.	Donaghadee ..	18–7 7	40	48·3	37·4	42·9	+0·6	56	15	25	26	–	–	2·93	74	+15	9	5	21	18	2	0	1	0	0	–	0	–	–	–
	Hillsborough ..	9 9 9	388	46·3	36·6	41·5	–	53	15,16,18	25	26	41·9	–	3·26	83	–	16	26	21	18	2	0	0	0	0	8	0	2·31	–	24
Armagh.	Armagh .. ¶§	2121 9	204	47·7	36·5	42·1	+1·6	55	18	25	26	42·2	44·4	3·27	83	+27	12	15	23	19	1	0	2	0	0	8	2	2·74	+0·55	28
Longford.	Newtownforbes ..	2121 9	154	47·9	33·9	40·9	+0·6	55	18	22	8,9	41·6	44·8	3·33	85	+13	9	15	20	20	1	0	1	0	–	–	–	–	–	–
10. IRELAND, S.																														
Dublin.	Balbriggan	9 9 9	203	48·3	37·3	42·8	+1·7	56	20	25	26	42·1	44·6	3·30	84	+36	24	24	24	14	0	0	1	0	0	9	–	–	–	–
	Dublin City .. ¶	2121 9	54	49·0	39·4	44·2	+1·7	57	15,18	27	26	–	–	3·14	80	+32	34	24	17	11	1	0	0	0	1	7	0	–	–	–
	,, Glasnevin ..	2121 9	55	50·5	36·5	43·5	+1·9	57	15,18	21	26	–	–	3·95	100	+52	41	24	19	13	1	0	1	0	0	7	0	–	–	–
	,, Phœnix Pk. §	2121 9	155	49·0	36·7	42·9	+2·0	57	18	22	26	–	–	3·74	95	+50	35	24	19	12	1	0	2	0	0	10	–	2·66	+0·02	27
	,, Trin. Coll. ..	2121 9	13	50·4	40·0	45·2	+2·5	58	15,18	27	26	43·3	45·2	3·37	86	+42	35	24	19	11	1	0	0	0	–	11	1	–	–	–
	Hazelhatch .. .. (Peamount San.)	9 9 9	366	48·0	36·0	42·0	–	59	16	23	26	41·6	44·1	4·08	104	–	38	24	18	14	–	–	–	–	1	–	–	2·51	–	26
	Rathfarnham ..	9 9 9	169	49·4	38·5	43·9	–	57	15,16,18	24	26	43·1	–	3·92	100	–	40	24	18	13	1	0	1	0	0	8	–	2·69	–	28
Wicklow.	Newcastle ..	2121 9	256	50·0	38·4	44·2	+2·3	57	15,18	27	26	–	–	3·12	79	–	33	24	17	13	0	0	0	0	0	–	–	–	–	–
Offaly.	Birr Castle ¶§	18–7 7	173	47·9	37·1	42·5	+0·7	56	18	22	26	43·0	45·3	3·02	77	+19	12	26	19	16	0	0	3	1	0	10	0	2·79	+0·53	29
Leix.	Mountmellick ..	9 9 9	252	45·4	36·6	41·0	+0·2	56	15	24	8	–	–	4·79	122	–	20	26	19	16	–	–	–	–	–	–	–	–	–	–
Waterford.	Seskin, Carrick-on-Suir	2121 9	535	47·3	37·1	42·2	+1·1	55	15	24	26	–	–	3·02	77	–	20	26	19	12	1	0	0	0	0	10	5	2·78	+0·34	28
	Waterford ¶	9 9 9	137	49·2	38·2	43·7	+1·2	57	15	25	26	–	–	3·04	77	– 5	21	26	18	12	0	0	1	0	4	–	3	–	–	–
Limerick.	Foynes	9 9 9	43	49·2	38·3	43·7	+1·1	55	15,18	25	26	–	–	3·96	101	+20	13	19,27	22	15	–	–	–	–	–	–	–	–	–	–
Kerry.	Valentia Obs. ¶§	242424	30	49·3	41·9	45·6	+1·4	54	16	30	8	45·1	47·5	5·04	128	– 4	30	26	24	21	2	0	8	1	0	5	9	2·34	+0·06	248
		18–7 –	—	49·4	42·3	45·9	+0·8																							
Cork.	Ballinacurra §	9 9 9	24	50·2	38·1	44·1	+1·2	56	13,15	24	26	–	–	2·94	75	–20	16	24	19	13	0	0	1	0	–	–	–	2·63	+0·24	27
	Cork	9 9 9	57	50·2	37·2	43·7	–	57	15	24	26	–	–	2·95	75	–20	21	26	20	14	0	0	0	1	2	12	–	2·88	–	29
	Roche's Pt. ¶	18–7 7	22	48·8	42·0	45·4	+0·7	55	13,15	28	26	–	–	2·95	75	–19	16	26	17	16	0	0	2	0	0	–	1	–	–	–
11. CHANNEL ISLES AND SCILLY.																														
Scilly.	St. Mary's ¶§	18–7 7	163	49·0	43·7	46·3	+0·3	53	20	34	9	–	–	2·13	54	–11	9	26	20	12	0	0	6	2	0	–	6	2·79	+0·01	28
Guernsey.	St. Peter Port ¶§	18–7 7	175	48·4	43·1	45·7	+2·4	53	20	35	8,9	44·3	46·9	5·61	143	+80	17	27	21	17	2	0	3	1	0	0	9	2·45	–0·63	25
Jersey.	St. Heliers ¶§	9 9 9	28	48·1	42·0	45·1	+2·0	52	16,17,20	34	8,9	–	–	4·37	111	+49	18	13	19	15	1	1	0	0	0	–	–	2·81	–0·44	28
GIBRALTAR		18–7 7	102	61·4	47·3	54·3	–1·4	67	15,17	33	10	–	–	1·29	33	–74	14	25	8	7	2	0	1	0	0	2	1	–	–	–
MALTA		18–7 7	231	58·1	50·6	54·3	–0·4	64	24,26	43	13	–	–	0·89	23	–28	9	12	9	4	0	0	1	2	0	–	1	6·42	–	59

¶§ S *See* Notes on Tables on last page of this issue.

TABLE III (*a*).—RIVER TEMPERATURE

Place.	River.	Hour.	Highest.	Lowest.	Mean.	Difference from Average.
			°F.	°F.	°F.	°F.
Belper	Derwent	9		–	–	–
Attenborough	Trent	7	50·3	40·0	45·8	–
	,,	18	51·0	40·3	46·2	–

TABLE III (*b*).—SKY OBSERVATIONS, FEBRUARY, 1935

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

NIGHT SKY RECORDER.**	GREENWICH.	PORTON.
Recorder in operation on	26 nights	28 nights
Average exposure (hours)	11·81	11·47
Polaris unobscured (per cent.)	39	44
δ Ursæ Minoris (ditto)	31	33

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

TABLE III (*c*).—SO... RADIATION

DIRECT SOLAR ... KEW OBSE...	
Max. (26th)	
Mean	

TABLE IV.—SUMMARY of the OBSERVATIONS of PRESSURE, TEMPERATURE, HUMIDITY, CLOUD, VISIBILITY and WIND at fixed hours at certain Stations during the month of FEBRUARY, 1935

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.	4 to 7	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										
0. SCOTLAND, N.			G.M.T.	ft.	mb.	mb.	°F.	°F.	mb.	%																									
			1	160	994·5	-	38·3	1·5	6·7	86	7·5	0	2	6	14	6	0	0	0	0	0	1	4	7	16	0	6	17	4	1	2	1	0	1	5	8	5	5
			7	160	993·3	-13·8	38·4	1·4	6·8	87	7·8	0	0	6	15	7	0	0	0	0	0	0	5	11	11	1	4	17	7	0	3	1	0	2	3	8	5	6
Shetlands.	Lerwick		13	160	994·6	-	39·3	1·6	6·9	85	8·2	0	0	5	16	7	0	0	0	0	0	2	2	9	13	2	1	21	6	0	5	0	0	2	4	4	8	5
			18	160	995·1	-	38·2	1·4	6·8	87	7·8	0	1	7	12	8	0	0	0	0	0	1	3	14	9	1	2	21	5	0	2	1	1	2	2	7	6	7
			9	165	995·3	-	39·0	1·2	7·2	89	7·5	0	2	7	17	2	0	0	0	0	0	0	3	6	19	0	-	-	-	-	-	-	-	-	-	-	-	-
Orkneys.	Deerness		21	165	996·6	-	39·4	1·7	6·9	85	6·7	0	5	8	8	7	0	0	0	0	0	0	0	2	26	0	-	-	-	-	-	-	-	-	-	-	-	-
			1	83	996·2	-	41·0	1·6	7·5	86	7·2	1	0	6	8	13	0	0	0	0	0	1	9	9	9	0	4	14	9	1	2	2	0	1	5	7	9	1
			7	83	995·9	-11·9	40·9	1·6	7·5	86	8·4	0	0	5	12	11	0	0	0	0	0	0	3	13	12	0	1	14	12	1	2	1	0	1	3	8	6	6
Hebrides.	Stornoway ..		13	83	996·6	-	42·9	2·1	7·7	83	8·1	0	0	6	14	8	0	0	0	0	0	1	3	9	12	3	2	9	17	0	2	3	0	2	4	8	5	4
			18	83	996·5	-	41·2	1·8	7·3	84	8·8	0	0	3	15	10	0	0	0	0	0	2	6	5	12	3	3	8	14	3	3	1	1	2	4	9	4	1
			1	79	996·9	-	38·3	0·8	7·2	92	8·2	0	2	5	5	16	0	0	0	0	0	0	0	5	23	0	4	14	10	0	2	2	0	1	5	8	6	4
			7	79	995·4	-12·7	38·2	0·8	7·1	92	8·3	0	1	4	11	12	0	0	0	0	0	0	0	4	24	0	3	14	11	0	1	1	0	1	5	9	8	3
Caithness.	Wick		13	79	996·6	-	41·2	1·2	7·8	89	8·4	0	1	1	18	8	0	0	0	0	0	0	0	3	25	0	2	13	13	0	1	2	0	1	2	7	8	7
			18	79	996·7	-	39·4	0·8	7·5	93	8·9	0	1	1	7	19	0	0	0	0	0	0	0	10	18	0	2	11	15	0	1	1	0	1	4	9	6	6
			7	1180	955·8	-	34·0	0·6	6·2	94	9·1	0	1	2	2	23	0	0	0	0	0	0	6	11	11	0	0	11	10	7	1	2	0	0	6	4	4	4
			13	1180	956·0	-	38·1	1·6	6·6	85	7·7	1	1	7	5	14	0	0	0	1	1	0	1	7	18	0	2	9	14	3	4	1	0	2	5	5	7	1
			18	1180	956·1	-	35·1	1·0	6·2	90	8·7	1	2	1	3	21	0	0	0	0	1	1	5	12	9	0	1	8	12	7	4	1	0	1	6	5	3	1
Inverness.	Dalwhinnie † ..		9	250	997·3	-	39·5	1·8	6·8	83	4·8	0	6	17	3	2	1	0	0	0	0	0	2	2	4	19	0	10	13	5	1	0	0	2	10	5	3	2
Inverness.	Inverness		17	250	997·2	-	39·9	1·8	7·1	84	4·7	1	8	12	5	2	0	0	0	0	1	0	1	1	13	12	0	13	13	2	0	1	1	3	14	4	1	2
1. SCOTLAND, E.																																				
			7	85	997·9	-12·6	38·2	2·3	6·2	79	6·6			3	10	7	0	0	0	0	1	0	10	6	11	0	0	8	20	0	1	0	0	2	8	7	5	5
			13	85	998·2	-12·3	42·8	3·4	6·7	71	7·1			2	15	5	0	0	0	0	0	1	11	3	12	1	0	12	16	0	1	2	1	1	3	8	5	7
Aberdeen.	Aberdeen H		18	85	998·7	-11·9	40·7	2·4	6·8	79	6·9			5	11	7	0	0	0	0	2	2	3	11	6	4	0	0	6	16	6	0	0	2	2	3	5	5	5
			21	85	998·8	-11·9	39·7	2·2	6·7	80	6·0			1	12	5	0	0	0	1	0	3	9	7	8	0	0	9	19	0	0	0	1	4	5	6	5	7
			h.*	85	998·4	-12·2	40·2	2·8	6·6	77																												
Aberdeen.	Braemar‡		9	1108	999·1	-	35·0	1·4	5·9	85	7·8	1	4	1	6	16	0	0	0	0	0	3	17	6	2	0	0	5	16	7	3	2	0	1	0	7	6	2
			9	482	999·1	-	38·8	1·9	6·7	83	7·6	0	4	4	8	12	-	-	-	-	-	-	-	-	-	-	0	12	16	0	1	1	5	0	2	1	16	2
Perth.	Crieff		21	482	999·5	-	38·1	1·8	6·4	83	6·3	6	4	2	1	15	-	-	-	-	-	-	-	-	-	-	0	9	19	0	3	2	4	0	2	1	14	2
			1	184	1000·8	-	40·7	1·7	7·4	85	6·6	0	9	2	9	8	0	0	0	0	2	0	2	4	20	0	3	10	15	0	2	1	0	1	3	16	4	1
			7	184	999·6	-	40·6	1·4	7·7	87	8·3	0	0	4	18	6	0	0	0	0	1	1	1	0	7	18	0	2	16	10	0	1	3	1	0	2	18	2	1
Fife.	Inchkeith		13	184	1000·2	-	42·8	1·8	8·0	85	8·0	0	0	0	6	16	6	0	0	0	2	0	0	6	6	13	1	3	13	12	0	0	2	1	1	2	19	2	1
			18	184	999·9	-	41·9	1·7	7·7	85	8·4	0	2	2	14	10	0	0	0	2	0	1	5	9	11	0	2	12	14	0	0	2	3	1	2	18	1	1
			7	36	999·1	-	38·4	1·6	6·7	85	6·8	0	6	2	16	4	0	0	0	0	0	2	6	14	6	0	0	14	11	3	2	2	0	1	0	9	9	2
Fife.	Leuchars H		13	36	999·3	-	44·4	3·4	7·2	72	7·6	0	2	6	13	7	0	0	0	0	1	1	5	6	13	2	0	14	14	0	2	0	3	1	0	8	13	1
			18	36	999·3	-	40·9	2·0	7·2	82	7·9	0	2	6	12	8	0	0	0	0	1	1	9	8	8	1	0	8	18	2	1	1	2	2	0	7	11	2
Mid Lothian.	Edinburgh ... (Blackford Hill)		9	441	1000·2	-	39·9	1·7	7·1	85	7·2	0	4	5	10	9	0	0	0	2	1	5	19	1	0	0	2	17	6	3	2	1	0	2	1	10	8	1
			21	441	1000·1	-	39·6	2·2	6·8	80	6·7	5	4	1	4	14	0	0	0	2	1	4	19	1	1	0	0	10	15	3	2	1	1	2	3	8	8	0
6a. SCOTLAND, W.																																				
			7	40	998·5	-	42·5	1·8	7·9	85	8·4	0	2	2	13	11	0	0	0	0	0	0	6	11	8	3	1	16	10	1	4	1	1	3	3	5	7	3
Argyll.	Tiree		13	40	998·9	-	44·7	2·7	8·0	79	7·2	0	2	9	10	7	0	0	0	0	0	0	7	6	11	4	1	19	8	0	4	1	1	1	6	6	5	4
			18	40	998·5	-	42·8	2·1	7·7	83	7·0	0	5	7	7	9	0	0	0	0	0	1	7	13	4	3	2	15	9	2	3	2	1	4	4	4	5	3
			9	187	1000·3	-	41·1	1·5	7·6	87	7·1	0	3	7	12	6	0	0	2	0	0	8	8	5	5	0	4	12	9	3	2	2	1	2	3	4	6	5
Bute.	Rothesay		21	187	1000·1	-	41·0	1·7	7·4	85	6·7	0	5	6	9	8	0	0	3	1	0	4	5	10	5	0	4	12	9	3	0	2	2	1	2	7	7	4
			7	24	1000·3	-	39·7	1·7	7·1	85	8·5	0	2	1	14	11	0	1	0	1	1	2	13	7	3	0	0	15	11	2	1	2	2	2	1	11	6	1
Renfrew.	Renfrew .. .. (Abbotsinch)		13	24	1000·5	-	43·9	2·8	7·6	77	7·5	0	2	8	9	9	0	0	1	0	2	1	13	0	7	4	1	14	12	1	3	1	1	1	1	8	8	4
			18	24	1000·4	-	41·0	1·8	7·4	84	7·5	0	5	3	10	10	0	0	0	2	0	4	11	1	8	2	0	11	15	2	1	2	2	1	2	7	9	2
			7	778	1001·2	-	36·5	1·2	6·4	87	8·7	1	1	1	10	15	0	0	0	0	0	0	14	6	8	0	1	14	8	5	2	1	0	2	5	8	4	1
			13	778	1000·9	-	40·5	2·1	7·0	82	8·2	0	3	2	11	12	0	0	0	0	0	1	11	5	11	0	0	16	12	0	3	1	0	1	5	9	7	2
Dumfries.	Eskdalemuir‡‡ H		18	778	1001·1	-	38·3	1·6	6·6	84	7·8	0	4	4	7	13	0	0	0	0	0	1	11	7	9	0	1	11	13	3	3	1	0	2	3	8	6	2
			21	778	1001·3	-	36·7	1·2	6·5	88	7·3	2	4	2	9	11	0	0	0	0	0	3	8	9	8	0	1	11	10	6	1	1	1	1	4	7	5	2
			h.*	778	1001·3	-	37·9	1·4	6·6	86																												
6b. ISLE OF MAN.																																				
Isle of Man.	Douglas .. H		9	286	1003·3	-10·0	42·3	1·5	8·1	86	7·9	0	3	2	14	9	0	0	0	1	1	0	5	3	18	0	7	9	12	0	1	5	0	1	1	9	8	3
2. ENGLAND, N.E.																																				
...um- ...	Cockle Park ..		9	331	1001·1	-	39·6	1·6	7·2	86	8·0	1	3	3	4	17	0	0	0	0	1	2	3	4	13	5	0	9	19	0	0	2	0	1	2	1	14	8
			21	331	1000·8	-	39·7	1·9	7·0	83	7·1	2	6	1	5	14	0	0	0	0	1	1	6	7	12	1	0	5	22	1	2	1	1	0	3	1	15	4
			1	122	1002·3	-	41·4	1·8	7·4	84	6·1	2	7	6	5	8	0	0	0	0	1	1	5	16	5	0	0	12	16	0	1	2	1	0	2	5	16	1
			7	122	1001·0	-11·0	41·5	1·9	7·3	83	7·4	0	4	4	15	5	0	0	0	0	0	1	10	13	4	0	0	11	17	0	3	1	0	0	2	5	16	1
	Tynemouth ..		13	122	1001·3	-	44·7	2·9	7·8	77	7·9	0	2	6	13	7	0	0	0	1	0	2	15	8	2	0	0	18	10	0	0	2	0	1	3	5	15	2
			18	122	1001·1	-	43·6	2·3	8·0	81	7·5	0	2	7	14	5	0	0	0	0	3	2	15	6	2	0	0	9	19	0	1	2	1	1	2	7	12	2

...ly readings. † Pressure at Station level. ‡ Mean pressure at Station Level is 958·0 mb.
‡‡ Mean pressures at Station Level are 972·3 mb. at 7 h., 972·2 mb. at 13 h., 972·3 mb. at 18 h., and 972·4 mb. at 21 h.

TABLE IV (*continued*).—SUMMARY of the OBSERVATIONS of PRESSURE, TEMPERATURE, HUMIDITY, CLOUD, VISIBILITY and WIND at fixed hours at certain Stations during the month of FEBRUARY, 1935

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.	4 to 7	1 to 3	Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
2. ENGLAND, N.E.—*cont.*			G.M.T.	ft.	mb.	mb.	°F.	°F.	mb.	%																									
Durham.	Durham ..	..	9	352	(1003·0)	–	40·7	2·3	7·0	79	8·0	1	2	4	8	13	0	1	1	1	2	2	5	10	*6*	*0*	0	10	12	6	1	2	0	0	6	5	7	1
			21	352	(1002·5)	–	39·9	1·7	7·1	85	6·7	6	3	0	6	13	0	1	0	0	2	0	11	13	*1*	*0*	1	5	16	6	0	0	1	0	4	6	9	2
Yorks., N. Riding	Catterick ..	H	7	186	1002·5	–	40·2	1·4	7·7	88	8·5	1	1	3	10	13	0	0	1	0	0	2	*5*	9	*11*	*0*	0	12	12	4	2	1	0	1	5	7	5	3
			13	186	1002·3	–	44·0	2·5	7·9	80	8·5	0	1	3	12	12	0	0	0	0	2	1	*9*	4	*11*	*1*	0	16	9	3	2	1	1	2	4	6	7	2
			18	186	1002·3	–	42·0	1·9	7·8	83	8·0	0	1	5	15	7	0	0	0	1	2	1	*5*	8	*11*	*0*	0	9	14	5	2	0	0	1	3	6	8	3
Yorks., N. Riding	Scarborough ..		9	96	1003·5	–	42·9	2·4	7·5	79	7·1	0	6	1	21	0	0	1	0	5	1	0	12	3	*6*	*0*	1	6	21	0	2	3	0	0	2	5	8	8
	York ..	..	9	53	1003·6	–	41·5	2·0	7·2	83	7·6	3	3	3	2	17	–	–	–	–	–	–	–	–	–	–	0	3	25	0	6	2	0	0	10	3	5	2
			21	53	1002·8	–	42·0	2·0	7·5	83	8·2	5	0	0	1	22	–	–	–	–	–	–	–	–	–	–	0	1	27	0	3	3	0	1	6	7	5	3
Yorks., E. Riding.	Spurn Head ..		1	28	1004·0	–	41·6	1·7	7·7	85	7·0	1	2	8	11	6	*0*	*0*	0	0	0	*2*	*7*	11	8	*0*	1	15	9	3	2	1	2	0	3	7	6	4
			7	28	1003·1	-10·2	41·3	1·7	7·4	85	8·0	0	0	6	14	8	*0*	*0*	1	0	0	*2*	*8*	14	3	*0*	1	15	7	5	2	1	2	0	3	7	6	2
			13	28	1003·0	–	44·5	2·5	8·1	80	8·1	0	0	6	13	9	*0*	*0*	1	0	0	*2*	*13*	7	5	*0*	3	15	5	5	2	1	1	0	3	4	6	6
			18	28	1002·9	–	43·5	2·1	7·7	82	8·2	0	0	4	18	6	*0*	*0*	1	1	0	*2*	*8*	13	3	*0*	1	16	5	6	2	2	0	1	2	5	7	3
Lincoln.	Cranwell ..	H	7	243	1004·9	–	39·6	1·4	7·4	88	7·9	0	3	3	15	7	0	0	0	2	*0*	2	7	11	6	*0*	0	18	10	0	1	2	0	2	4	6	11	2
			13	243	1004·9	–	44·6	2·7	7·9	79	8·7	1	0	1	15	11	0	0	0	0	*1*	2	11	7	7	*0*	0	19	9	0	2	2	0	1	3	9	8	3
			18	243	1004·9	–	42·9	2·1	7·9	83	8·1	0	2	4	14	8	0	0	0	1	*1*	4	11	6	5	*0*	0	14	14	0	3	2	0	2	3	10	7	1
3. ENGLAND, E.																																			
Norfolk.	Cromer ..	H	9	74	1004·6	–	41·9	1·9	7·7	84	7·6	0	3	7	7	11	0	0	0	0	0	0	*4*	*5*	*18*	*1*	0	12	16	0	2	1	2	1	10	4	8	0
Norfolk.	Yarmouth ..		1	26	1006·4	–	42·1	1·2	7·8	89	6·9	3	3	5	8	9	0	0	0	0	*0*	0	*14*	*14*	0	*0*	0	15	13	0	1	2	1	0	7	10	5	2
			7	26	1005·8	-8·6	41·2	1·8	7·4	84	8·2	1	2	2	13	10	0	0	0	0	*0*	0	*15*	*12*	1	*0*	0	18	10	0	1	3	1	1	6	9	6	1
			13	26	1005·5	–	44·9	3·1	7·6	75	8·3	0	0	7	10	11	0	0	0	0	*1*	0	*19*	*8*	0	*0*	1	21	6	0	2	4	0	1	4	11	4	2
			18	26	1005·3	–	43·6	2·3	8·0	81	8·0	0	4	4	5	15	0	0	0	1	*1*	0	*21*	*5*	0	*0*	0	15	13	0	1	2	1	2	5	11	3	3
Suffolk.	Felixstowe Aero.		7	20	1006·8	–	41·1	1·9	7·3	83	7·7	0	3	5	12	8	0	0	0	0	0	0	4	*15*	*9*	*0*	0	18	10	0	2	2	1	0	6	12	4	1
			13	20	1006·6	–	44·4	2·8	7·7	78	8·5	0	1	3	12	12	0	0	0	0	0	2	6	*12*	*8*	*0*	0	25	3	0	1	3	1	1	5	9	6	2
			18	20	1006·9	–	43·1	1·3	7·5	80	7·6	0	4	3	12	9	0	0	0	1	0	2	9	*14*	*2*	*0*	0	13	14	1	2	3	0	0	5	10	5	2
Cambridge.	Cambridge	H	9	43	1006·2	-9·3	42·3	2·2	7·7	82	7·6	2	2	4	3	17	–	–	–	–	–	–	–	–	–	–	0	10	18	0	0	4	0	1	0	12	8	3
			21	43	1006·5	-8·9	42·1	1·7	8·0	85	5·5	10	1	2	4	11	–	–	–	–	–	–	–	–	–	–	0	2	26	0	0	3	3	1	1	11	6	3
Hertford.	Rothamsted ..		9	396	1005·5	–	40·8	1·5	7·5	87	7·3	1	5	0	19	3	0	0	0	*0*	0	*8*	*20*	*0*	*0*	*0*	0	8	17	3	1	3	1	1	1	3	8	7
Essex.	Shoeburyness	H	7	14	1007·2	–	41·0	1·6	7·7	87	7·0	0	7	3	9	9	0	0	0	0	0	1	11	10	6	0	0	13	15	0	1	2	2	0	4	13	4	2
			13	14	1007·0	–	45·5	2·9	8·1	78	8·3	0	3	3	8	14	0	0	0	0	3	0	7	13	5	0	0	15	13	0	1	2	2	0	2	13	5	3
			18	14	1007·0	–	43·1	2·0	8·1	83	7·1	0	6	3	9	10	0	0	0	1	3	3	7	11	3	0	0	15	11	2	1	4	0	0	4	7	9	1
4. MIDLAND COUNTIES.																																			
Yorks., W. Riding	Harrogate ..		7	478	1003·4	–	39·3	1·3	7·2	88	8·3	1	3	1	10	13	0	1	*0*	0	1	1	4	*15*	3	3	2	8	17	1	6	0	0	0	4	12	5	0
			13	478	1003·3	–	43·2	2·5	7·4	79	8·0	0	5	0	11	12	0	0	*0*	1	1	3	3	*11*	4	5	1	10	17	0	3	2	0	0	3	11	9	0
			18	478	1003·2	–	41·6	1·8	7·7	84	8·0	0	4	0	16	8	0	0	*1*	1	0	9	4	*13*	0	0	1	5	18	4	2	1	0	1	1	15	4	0
Nottingham.	Nottingham ..		9	215	1004·4	–	42·1	2·0	7·5	83	7·4	0	4	3	15	6	0	0	1	4	11	2	6	3	*1*	*0*	0	8	20	0	5	1	1	0	2	5	13	1
Warwick.	Birmingham	H	7	542	1005·8	–	40·0	1·4	7·5	88	7·4	1	3	3	14	7	0	0	0	1	2	2	6	6	*11*	*0*	0	10	18	0	3	2	0	0	6	8	7	2
			13	542	1005·8	–	44·7	3·3	7·5	74	8·0	0	2	1	18	7	0	0	0	1	5	4	7	4	*7*	*0*	0	14	14	0	2	4	0	0	3	7	8	4
			18	542	1005·7	–	43·4	2·7	7·5	77	7·6	0	4	2	13	9	0	0	0	1	2	4	6	5	*10*	*0*	0	11	17	0	1	3	1	1	3	8	8	3
Oxford.	Oxford ..	..	9	212	1007·1	-9·1	41·6	2·0	7·5	83	7·0	1	6	3	6	12	0	0	*0*	0	1	1	12	6	8	*0*	0	15	13	0	3	2	0	1	7	9	5	1
Shropshire.	Shrewsbury	H	9	186	1005·6	–	41·8	2·2	7·4	83	7·1	1	3	5	11	8	0	0	1	0	0	0	7	2	18	*0*	1	13	11	3	4	0	0	1	6	7	7	0
Hereford.	Ross-on-Wye	H	7	226	1006·2	–	41·8	2·1	7·6	83	7·1	0	4	5	13	6	*0*	*0*	0	0	1	2	4	8	13	*0*	0	11	17	0	3	1	1	1	4	8	9	1
			13	226	1006·4	–	47·4	4·0	7·9	70	8·3	0	1	5	16	6	*0*	*0*	0	0	0	1	4	8	13	*2*	0	13	15	0	0	3	1	0	1	8	11	4
			18	226	1006·3	–	44·5	3·1	7·7	75	7·5	0	4	6	9	9	*0*	*0*	0	0	1	3	4	8	12	*0*	0	11	17	0	0	4	2	2	1	9	9	1
			21	226	1006·1	–	43·2	2·4	7·8	81	7·3	0	6	4	5	13	*0*	*0*	0	0	3	2	2	10	11	*0*	1	10	17	*0*	2	3	0	0	4	11	8	0
Gloucester.	Cheltenham	H	9	230	1007·0	–	43·1	2·5	7·5	80	7·4	2	2	3	13	8	0	*0*	0	2	1	7	8	9	*1*	0	0	4	23	1	2	4	0	0	2	9	7	3
			21	230	1006·7	–	42·8	2·2	7·7	81	7·4	0	3	3	16	6	0	*0*	0	1	1	3	14	7	*2*	0	0	3	24	1	1	4	0	0	2	9	7	4
5. ENGLAND, S.E.																																			
London.	*g*Greenwich	H	9	152	1007·7	-8·6	42·4	2·2	7·6	81	7·7	1	6	0	4	17	0	0	0	1	5	10	12	0	0	*0*	0	19	9	0	2	4	0	1	3	11	6	1
			15	152	1006·8	-8·7	46·2	3·7	7·8	72	8·1	0	3	4	9	12	0	0	0	2	2	9	15	0	0	*0*	0	20	8	0	1	5	1	0	2	11	5	3
			21	152	1007·2	-9·0	42·8	2·2	7·9	82	7·7	3	2	2	7	14	0	0	0	2	3	9	13	1	0	*0*	0	20	8	0	0	5	1	0	4	11	7	0
			h.*	152	1007·3	-8·7	43·3																												
London.	Kew Observatory	H	7	34	1007·2	-8·7	41·6	2·2	7·3	82	7·6	0	4	6	5	13	0	0	0	0	0	11	4	7	6	*0*	0	12	16	0	1	4	0	0	3	10	10	0
			13	34	1007·3	-8·6	46·5	3·9	7·6	70	8·7	0	1	3	10	14	0	0	0	0	1	1	18	6	2	*0*	0	18	10	0	2	4	0	1	2	10	6	3
			18	34	1007·4	-8·5	44·7	3·1	7·6	75	7·4	2	3	5	6	12	0	0	0	0	1	3	10	9	4	1	*0*	0	11	17	0	0	4	1	2	2	11	7	1
			21	34	1007·3	-8·9	43·5	2·6	7·6	79	7·4	4	1	2	11	10	0	0	0	0	0	1	4	8	13	2	*0*	0	12	16	0	0	5	1	1	3	9	9	0
			h.*	34	1007·4	-8·6	43·8	2·8	7·7	78																										
London.	Kensington	..	9	66	1007·7	–	42·7	2·1	7·7	82	7·7	2	3	2	6	15	0	0	0	1	10	*11*	5	1	*0*	*0*	0	9	19	0	2	4	0	1	0	12	5	4
			15	—	–	–	46·7	3·6	8·0	73	8·1	1	0	4	15	8	–	–	–	–	–	–	–	–	–	–	0	6	22	0	2	3	1	0	2	7	5	8
			18	—	–	–	45·7	3·4	7·8	74	7·5	1	5	1	6	15	–	–	–	–	–	–	–	–	–	–	0	10	18	0	1	3	2	0	1	8	7	6
London.	Stroud Green ..		7	237	1007·3	–	40·9	1·9	7·3	83	7·6	0	6	3	6	13	0	0	0	0	0	4	17	6	*1*	*0*	0	14	14	0	1	4	0	0	2	13	6	2
Surrey.	Croydon Aero.	H	1	225	1008·5	–	42·1	2·2	7·5	81	7·4	0	4	4	12	8	0	0	0	0	0	2	9	14	*3*	*0*	0	16	11	1	2	3	0	1	4	7	9	1
			7	225	1007·6	–	41·1	1·9	7·5	83	7·0	0	7	3	8	10	0	0	0	0	0	2	8	11	5	*0*	0	14	14	0	2	3	0	1	3	11	7	1
			13	225	1007·8	–	45·7	3·4	7·8	74	8·6	0	3	0	15	10	0	0	0	0	0	1	6	16	3	*2*	*0*	0	20	8	0	0	2	3	0	4	8	8	3
			18	225	1007·8	–	44·1	2·8	7·7	77	6·5	0	8	6	4	10	0	0	0	0	0	6	5	16	1	*0*	*0*	0	13	15	0	0	5	1	1	2	11	7	1
Surrey.	Wisley ..	..	9	85	1007·5	–	42·7	2·2	7·6	81	8·1	1	2	3	7	15	0	0	0	0	2	1	15	10	*0*	*0*	0	12	16	0	2	3	0	1	4	12	3	1

* Mean of hourly readings. *g* Temperature from thermometers on a Glaisher stand.

TABLE IV (*continued*).—SUMMARY of the OBSERVATIONS of PRESSURE, TEMPERATURE, HUMIDITY, CLOUD, VISIBILITY and WIND at fixed hours at certain Stations during the month of FEBRUARY, 1935

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.				MIST.	POOR VIS.	MOD. VIS.	GOOD VISIBILITY.			8 or more.	4 to 7	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										
5. ENGLAND, S.E.—*cont.*		G.M.T	ft.	mb.	mb.	°F.	°F.	mb.	%																										
Kent.	Biggin Hill H	7	572	1007·6	–	40·0	1·9	7·1	83	7·5	1	5	3	6	13	0	1	0	0	0	1	3	*19*	4	*0*	0	17	10	1	3	2	0	0	5	9	7	1
		13	572	1007·5	–	43·8	3·0	7·5	76	8·5	0	3	1	10	14	0	0	0	0	0	1	9	*9*	9	*0*	0	19	9	0	1	4	0	0	4	13	8	1
		18	572	1007·6	–	42·2	2·4	7·4	79	7·0	0	7	4	3	14	0	0	0	0	1	2	9	*14*	2	*0*	0	15	12	1	0	6	0	0	4	10	66	1
Kent.	Dungeness ..	7	—	–	–	41·9	1·3	8·1	89	7·5	0	2	6	18	2	*0*	0	0	0	*1*	1	12	*14*	*0*	0	**1**	**17**	**9**	**1**	1	2	1	1	2	15	2	3
		13	—	–	–	45·0	2·1	8·4	83	8·0	1	0	6	13	8	*0*	0	0	0	0	6	13	*9*	*0*	0	2	18	8	0	1	3	1	0	2	16	1	4
		18	—	–	–	43·3	1·6	8·1	87	7·7	0	2	4	15	7	*0*	0	0	0	2	7	13	*6*	*0*	0	3	13	12	0	3	3	1	0	2	14	3	2
Kent.	Lympne .. H	1	345	1008·9	–	40·3	1·7	7·3	83	7·7	2	4	1	4	17	0	0	0	*1*	1	3	*5*	10	7	1	0	16	12	0	1	4	2	0	1	9	9	2
		7	345	1008·2	–	39·6	1·6	7·2	85	8·0	0	4	2	11	11	0	0	0	*1*	0	0	*6*	8	11	2	0	16	12	0	1	3	1	1	2	10	7	3
		13	345	1008·1	–	43·7	2·5	7·8	80	8·1	0	3	2	11	12	0	0	1	*1*	2	0	*6*	5	13	0	0	22	6	0	1	3	1	0	1	12	5	5
		18	345	1008·2	–	41·7	2·1	7·5	82	7·4	0	7	0	8	13	0	0	0	*0*	1	3	*10*	5	9	0	0	15	13	0	1	4	0	0	1	11	8	3
Kent.	Manston	7	141	1007·3	–	40·8	1·6	7·6	86	7·6	0	3	3	14	8	0	0	0	0	0	0	6	*11*	*11*	*0*	0	21	7	0	2	2	0	0	5	10	8	1
		13	141	1007·3	–	44·5	2·3	8·3	81	8·0	0	3	2	13	10	0	0	0	0	1	0	6	*14*	*6*	*1*	0	25	3	0	1	4	0	0	4	13	5	1
		18	141	1007·4	–	42·7	1·9	8·0	83	6·9	1	3	7	8	9	0	0	0	0	0	2	8	*13*	*5*	*0*	0	18	10	0	1	4	0	0	4	9	7	3
Kent.	Tunbridge Wells ..	9	407	1008·1	–	41·4	0·7	8·2	93	7·6	2	4	2	3	17	0	0	*0*	0	2	4	10	7	5	*0*	0	7	21	0	2	3	1	1	0	10	5	6
Sussex.	Brighton .. H	9	48	1008·6	–	42·9	1·4	8·4	88	7·7	2	3	2	6	15	0	0	0	1	5	8	10	3	1	*0*	0	3	25	0	3	2	1	0	2	11	3	6
Sussex.	St. Leonards H	9	174	1008·9	–	42·1	1·9	7·7	83	7·4	1	5	2	5	15	0	0	0	0	0	7	19	*2*	*0*	*0*	4	5	19	0	1	4	0	1	1	15	4	2
		21	174	1008·1	–	42·2	1·6	7·9	85	6·6	4	3	5	6	10	0	0	0	0	5	5	16	*0*	*2*	*0*	2	9	16	1	1	3	1	0	1	10	4	7
Hampshire.	Calshot	7	15	1008·1	–	41·7	1·6	7·7	86	7·5	1	4	2	12	9	0	0	0	0	1	0	8	8	11	*0*	1	14	12	1	3	1	0	1	5	11	5	1
		13	15	1008·3	–	46·6	3·2	8·1	75	8·0	0	4	1	14	9	0	0	0	0	1	2	6	5	14	*0*	1	22	5	0	1	3	0	0	3	11	7	3
		18	15	1008·1	–	44·7	2·3	8·2	81	7·3	0	4	6	10	8	0	0	0	0	0	3	8	6	11	*0*	1	15	12	0	2	2	0	0	5	13	6	0
Hampshire.	Southampton ..	9	84	1008·6	-7·9	43·0	1·6	8·1	87	7·4	1	3	6	3	15	0	0	0	1	4	*17*	6	0	0	*0*	0	6	22	0	1	3	0	1	1	10	6	6
		21	84	1008·5	-7·9	43·9	1·5	8·6	87	8·7	2	1	0	5	20	0	0	4	0	2	*8*	14	0	0	*0*	0	7	21	0	0	4	0	1	0	11	11	1
Hampshire.	S. Farnborough H	7	256	1007·3	–	40·7	1·7	7·5	85	7·6	0	6	1	11	10	0	0	0	0	0	2	13	8	*5*	*0*	0	14	13	1	2	3	0	0	3	8	11	0
		13	256	1007·4	–	46·7	3·6	8·0	72	8·4	0	2	2	16	8	0	0	0	0	0	1	9	13	*5*	*0*	0	16	12	0	1	4	0	0	1	10	9	3
		18	256	1007·4	–	43·5	2·4	7·9	80	7·6	1	2	5	9	11	0	0	0	0	0	6	11	8	*3*	*0*	1	13	13	1	0	5	1	0	3	5	11	2
I. of Wight.	Ventnor (Hosp.) ..	9	80	1008·6	–	43·6	1·9	8·3	85	7·3	1	6	1	7	13	–	–	–	–	–	–	–	–	–	–	0	8	20	0	3	2	1	0	0	5	13	4
		15	80	1008·2	–	46·2	2·7	8·3	79	7·4	0	4	4	10	10	–	–	–	–	–	–	–	–	–	–	0	13	15	0	3	2	2	0	0	4	14	3
Wilts.	Amesbury H (Boscombe Down)	7	418	1007·5	–	39·2	0·5	8·0	96	7·4	0	7	1	7	13	0	0	1	0	0	2	11	9	*5*	*0*	0	11	16	1	4	1	0	1	6	6	8	1
		13	418	1007·7	–	45·4	1·8	9·0	85	8·2	0	2	2	18	6	0	0	0	0	0	2	1	12	*13*	*0*	0	19	8	1	1	3	0	0	3	8	9	3
		18	418	1007·4	–	43·1	0·9	8·9	91	8·0	0	4	3	9	12	0	0	0	0	0	3	6	14	*5*	*0*	0	13	14	1	2	3	0	0	4	5	12	1
Wilts.	Larkhill .. H	9	444	1007·9	–	41·1	1·3	7·9	88	7·5	1	3	4	9	11	0	0	0	0	0	1	5	12	10	*0*	0	13	14	1	1	4	0	0	2	8	10	2
		13	444	1007·7	–	45·6	3·0	8·2	76	7·7	0	4	2	14	8	0	0	0	0	0	3	5	20	*0*	*0*	1	20	6	1	0	3	1	0	0	7	11	5
		15	444	1007·4	–	45·8	3·2	8·1	75	7·8	0	2	5	13	8	0	0	0	0	0	0	1	6	21	*0*	0	19	7	2	0	3	1	0	1	6	12	3
7a. ENGLAND, N.W.																																			
Lancashire.	Hutton	9	86	–	–	41·3	1·5	7·6	87	7·4	1	0	10	8	9	–	–	–	–	–	–	–	–	–	–	0	6	21	1	2	2	0	3	5	8	5	2
Lancashire.	Manchester H (Barton)	7	83	1004·4	–	40·6	1·5	7·6	87	7·9	1	2	4	10	11	0	1	1	0	0	*2*	11	11	2	0	0	14	13	1	1	5	1	1	2	7	7	3
		13	83	1004·4	–	45·6	2·9	8·1	77	8·3	0	3	2	12	11	0	0	0	1	1	*1*	10	13	2	0	0	18	10	0	1	3	1	0	4	4	10	5
		18	83	1004·1	–	43·9	2·4	8·1	81	8·5	0	2	3	12	11	0	0	0	0	3	*9*	9	6	1	0	1	16	11	0	0	4	1	3	1	6	10	3
Lancashire.	Manchester (Whitworth Pk.)	9	127	1004·6	–	43·1	2·1	7·7	82	8·1	2	0	4	8	14	–	–	–	–	–	–	–	–	–	–	0	8	20	0	0	2	2	0	8	4	6	6
		21	127	1004·2	–	43·6	2·3	8·0	81	7·3	2	4	1	13	8	–	–	–	–	–	–	–	–	–	–	0	7	21	0	3	2	1	2	5	4	8	3
Lancashire.	Southport* H (Bedford Rd. Park)	9	42	1004·3	-10·0	42·4	1·9	7·9	84	7·3	0	4	5	9	10	0	0	0	0	4	8	3	3	10	*0*	0	20	8	0	2	3	1	3	3	7	9	0
		13	42	1004·1	-10·0	45·5	2·7	8·3	78	8·6	0	1	3	10	14	0	0	0	0	1	3	4	6	14	*0*	0	21	6	1	0	4	0	1	2	9	10	1
		18	42	1003·7	-10·4	43·9	2·4	7·9	80	8·4	0	2	3	11	12	0	0	0	0	3	3	4	15	3	*0*	1	16	11	0	2	2	1	3	0	10	8	2
		21	42	1003·9	-10·4	42·6	2·0	7·9	83	7·3	0	5	5	6	12	0	0	0	0	4	7	3	14	0	*0*	1	16	11	0	2	1	3	2	3	5	10	2
Lancashire.	Stonyhurst ..	9	381	1004·3	–	40·9	1·8	7·4	84	8·3	1	1	1	12	13	0	0	0	0	0	2	16	*7*	*3*	*0*	0	15	11	2	4	0	0	1	3	8	7	3
		21	381	1003·8	–	41·0	1·8	7·4	84	7·9	0	4	3	7	14	0	0	0	0	0	1	7	*17*	*3*	*0*	0	13	14	1	2	1	0	1	2	8	9	4
Cheshire.	Bidston Obs'y. ..	7	202	1004·2	-9·5	41·7	1·8	7·7	84	7·3	2	1	7	13	5	*0*	0	0	0	1	2	2	*5*	17	1	1	16	10	1	3	3	0	2	2	8	4	5
		13	202	1004·4	–	45·0	2·7	7·9	78	8·0	0	2	4	16	6	*0*	0	0	0	1	0	2	*9*	14	2	2	16	10	0	1	3	0	1	3	5	11	4
		18	202	1004·0	–	44·1	2·6	7·7	79	7·9	0	2	5	15	6	*0*	0	0	0	1	0	0	*10*	17	0	1	19	6	2	2	2	1	2	0	6	9	4
		21	202	1004·1	–	42·9	2·3	7·6	80	7·2	2	2	5	13	6	*0*	0	0	0	1	1	0	*8*	16	2	1	17	9	1	3	2	1	3	1	6	6	5
7b. NORTH WALES.																																			
Flint.	Sealand .. H	7	19	1004·7	–	42·0	2·3	7·5	81	7·9	0	4	1	11	12	0	0	0	1	0	1	12	*14*	*0*	*0*	0	12	15	1	2	1	0	4	4	7	7	2
		13	19	1005·1	–	47·2	4·1	7·9	70	8·7	0	0	2	20	6	0	0	0	0	2	1	11	*12*	*2*	*0*	0	19	8	1	2	2	0	3	4	9	6	1
		18	19	1004·6	–	45·0	3·4	7·6	73	7·6	0	2	7	11	8	0	0	0	1	0	3	13	*11*	*0*	*0*	0	11	16	1	2	1	2	2	3	12	3	2
Anglesey.	Holyhead .. H	1	29	1004·4	–	44·7	2·0	8·6	84	7·3	1	5	3	6	13	0	0	0	0	0	2	7	13	6	0	0	22	6	0	1	2	2	2	4	8	7	2
		7	29	1003·9	-9·3	44·3	1·8	8·6	85	7·8	0	3	4	11	10	0	0	0	0	0	0	6	14	8	0	1	18	7	2	2	3	0	0	3	10	7	1
		13	29	1004·3	–	46·5	2·3	8·9	81	8·6	0	0	4	13	11	0	0	0	0	0	1	7	8	11	1	0	21	6	1	1	3	1	0	3	12	6	1
		18	29	1003·7	–	45·7	2·5	8·5	80	8·1	0	4	2	13	9	0	0	0	0	0	1	3	15	7	2	0	21	7	0	1	4	2	0	3	9	8	1
Carnarvon.	Llandudno ..	9	33	1004·5	–	44·1	2·7	7·6	78	7·4	1	2	6	14	5	0	0	0	0	0	1	2	4	*21*	*0*	0	13	15	0	2	2	2	0	3	14	4	1
8a. SOUTH WALES.																																			
Pembroke.	St. Ann's Head ..	1	152	1006·1	–	45·1	2·2	8·3	83	7·3	0	6	5	7	10	0	0	0	0	0	0	*0*	6	21	1	*0*	–	–	–	–	–	–	–	–	–	–	–
		7	152	1005·3	-9·3	44·8	2·0	8·5	84	8·0	0	4	3	9	12	0	0	0	0	0	0	*0*	8	20	0	*0*	–	–	–	–	–	–	–	–	–	–	–
		13	152	1005·8	–	47·0	2·5	8·9	81	8·3	0	0	6	12	10	0	0	*0*	0	1	*2*	5	17	3	*0*	–	–	–	–	–	–	–	–	–	–	–
		18	152	1005·0	–	45·7	1·9	9·0	85	8·4	0	0	5	12	11	0	0	0	0	0	*3*	6	18	1	*0*	–	–	–	–	–	–	–	–	–	–	–

* Pressure and visibility at Hesketh Park; wind at Marshside; other readings at Bedford Road Park.

TABLE IV (*continued*).—SUMMARY of the OBSERVATIONS of PRESSURE, TEMPERATURE, HUMIDITY, CLOUD, VISIBILITY and WIND at fixed hours at certain Stations during the month of FEBRUARY, 1935

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.	4 to 7	1 to 3	Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
8a. SOUTH WALES—*cont.*	G.M.T.	ft.	mb.	mb.	°F.	°F.	mb.	%																										
Radnor. Rhayader	9	—	–	–	41·0	1·7	7·4	85	7·1	0	1	13	8	6	0	0	0	0	0	1	5	14	*8*	*0*	0	8	20	0	3	0	2	0	9	4	8	2
Glamorgan. Cardiff	9	216	1007·7	–	42·7	1·6	8·1	87	7·3	2	5	2	6	13	0	0	0	3	1	9	12	*3*	*0*	*0*	0	16	12	0	0	2	6	0	3	11	5	1
	21	216	1006·7	–	42·9	1·6	8·1	87	7·7	4	0	4	5	15	0	0	0	0	0	0	20	*8*	*0*	*0*	0	3	25	0	0	2	3	0	1	6	15	1
8b. ENGLAND, S.W.																																		
Somerset. Bath	9	113	1007·4	–	44·5	2·4	7·9	80	7·1	3	3	4	3	15	0	0	0	1	1	10	*12*	*4*	*0*	*0*	0	6	21	1	1	3	2	0	1	9	10	1
Dorset. Holton Heath H	9	58	1008·6	–	43·8	1·8	8·4	85	8·1	2	1	3	5	17	0	0	0	0	1	3	5	18	*1*	*0*	1	19	8	0	3	3	0	0	1	7	13	1
	15	58	1008·5	–	47·7	3·3	8·6	75	7·6	2	2	6	4	14	0	0	0	0	0	3	7	17	*1*	*0*	1	20	7	0	1	2	1	0	2	8	8	6
Dorset. Portland Bill ..	1	37	1008·5	–	44·2	1·3	8·8	89	8·1	0	4	1	10	13	0	0	0	*0*	0	0	*2*	*17*	*9*	*0*	0	22	6	0	2	4	1	0	1	6	10	4
	7	37	1007·6	–	44·2	1·2	8·8	90	8·1	1	1	3	11	12	0	0	0	*0*	0	0	*3*	*20*	*5*	*0*	1	23	4	0	1	4	1	0	1	6	12	3
	13	37	1008·3	–	46·3	1·8	9·1	86	8·1	1	1	3	9	14	0	0	0	*0*	0	0	2	21	5	*0*	0	25	3	0	1	3	1	0	1	7	12	3
	18	37	1007·7	–	45·5	1·6	8·8	87	7·5	0	4	4	9	11	0	0	0	*0*	0	0	2	*20*	*6*	*0*	0	21	7	0	0	3	1	0	3	6	10	5
Devon. Plymouth H	7	27	1008·7	–	44·2	1·7	8·7	85	7·9	0	3	3	13	9	0	0	0	0	0	1	2	11	14	*0*	0	21	6	1	4	1	0	0	2	9	8	3
(Mount Batten) ..	13	27	1009·2	–	47·0	2·8	8·7	77	8·0	0	2	3	14	9	0	0	0	0	0	3	6	10	9	*0*	1	22	5	0	1	3	0	0	2	9	9	4
	18	27	1008·4	–	46·6	2·6	8·8	79	8·2	0	2	4	12	10	0	0	0	0	0	4	12	10	2	*0*	0	22	6	0	2	3	0	1	4	6	9	3
Cornwall. The Lizard ..	1	240	1010·1	–	44·4	1·1	8·9	91	6·9	0	5	6	7	10	0	0	0	0	0	2	3	*4*	*19*	*0*	1	24	3	0	3	3	0	0	2	7	10	3
	7	240	1009·3	–	43·8	0·9	9·1	93	8·4	0	2	3	9	14	0	0	0	0	0	0	1	*13*	*14*	*0*	3	23	2	0	4	1	0	0	2	7	11	3
	13	240	1009·8	–	46·7	1·5	9·7	89	7·9	0	0	8	10	10	0	0	0	1	0	1	2	*9*	*15*	*0*	2	23	3	0	1	2	1	0	3	6	12	3
	18	240	1008·9	–	45·3	1·3	9·1	89	8·6	0	2	3	11	12	0	0	0	1	1	0	2	*10*	*14*	*0*	3	20	5	0	3	3	0	0	3	8	10	1
Cornwall. Newquay ..	9	161	1009·3	–	44·5	1·2	9·2	91	8·0	0	3	4	8	13	0	0	0	0	0	2	8	*6*	11	*1*	1	18	9	0	4	2	1	1	4	7	8	1
9. IRELAND, N.																																		
Sligo. Markree Castle ..	9	127	1003·7	–	41·4	1·5	7·7	87	6·1	3	1	14	4	6	0	*0*	0	0	0	*0*	*2*	2	24	*0*	0	6	13	9	3	1	0	0	3	4	5	3
	21	127	1002·4	–	42·3	1·6	7·9	86	6·4	3	5	5	3	12	0	*0*	0	0	0	*0*	*6*	5	17	*0*	1	5	14	8	0	1	0	0	9	3	4	3
Mayo. Blacksod Point ..	1	28	1003·3	–	45·2	1·3	9·2	90	8·7	4	1	7	2	14	0	0	0	0	0	0	0	18	10	*0*	2	17	3	6	2	1	0	2	3	7	5	2
	7	28	1002·6	–	45·3	1·3	8·8	82	7·4	0	3	6	9	10	0	0	0	0	0	0	0	12	16	*0*	1	17	9	1	3	1	2	2	4	5	9	1
	13	28	1002·7	–	46·9	1·7	9·5	87	7·3	0	2	12	4	10	0	0	0	0	0	0	0	11	14	*3*	3	18	7	0	1	1	3	1	7	4	9	2
	18	28	1001·9	–	46·2	1·6	9·3	87	7·6	1	3	3	8	13	0	0	0	0	0	0	0	14	12	*2*	3	17	8	0	3	1	1	2	6	7	5	3
Donegal. Malin Head ..	1	83	999·9	–	43·2	0·8	8·9	93	7·5	0	4	2	14	8	0	0	0	0	0	0	3	20	5	*0*	1	17	10	0	3	1	0	1	10	4	9	0
	7	83	999·7	-10·0	42·6	0·8	8·7	93	7·7	0	4	2	13	9	0	0	0	0	0	0	4	18	6	*0*	1	17	10	0	4	1	0	2	9	3	8	1
	13	83	999·9	–	45·5	1·4	9·3	89	8·4	0	2	2	18	6	0	0	0	0	1	0	2	17	8	*0*	0	20	8	0	2	1	1	0	9	6	8	1
	18	83	999·4	–	43·9	1·0	9·0	92	8·0	0	3	1	18	6	0	0	0	0	0	0	1	20	6	*1*	0	19	9	0	4	0	3	0	10	2	7	2
Antrim. Aldergrove H	7	245	1002·3	–	39·9	1·1	7·6	90	8·3	0	3	2	11	12	0	0	0	0	2	2	7	6	11	*0*	0	17	11	0	1	1	1	2	11	7	4	1
	13	245	1002·7	–	44·8	2·7	8·0	78	8·0	0	4	2	12	10	0	0	0	0	0	1	8	1	12	6	0	17	9	2	2	2	0	0	6	10	6	0
	18	245	1002·0	–	42·0	1·8	7·8	84	7·9	0	4	2	13	9	0	0	0	0	0	0	7	3	15	3	0	15	11	2	1	1	2	2	8	7	3	2
Down. Donaghadee ..	7	26	1001·8	–	41·8	2·0	7·4	83	7·1	1	4	2	18	3	0	0	0	0	0	0	0	*15*	*13*	*0*	0	10	18	0	2	1	0	0	1	8	13	3
	13	26	1002·2	–	46·4	3·2	8·1	75	7·7	0	1	8	18	1	0	0	0	0	0	0	0	*8*	*20*	*0*	0	8	20	0	0	2	2	0	2	8	10	4
	18	26	1001·5	–	44·0	2·6	7·7	79	7·6	0	0	5	22	1	0	0	0	0	0	0	0	*10*	*18*	*0*	0	9	19	0	0	3	0	2	4	8	10	3
	21	26	1001·6	–	42·7	2·2	7·5	81	6·0	1	6	6	13	2	0	0	0	0	0	0	0	*13*	*15*	*0*	0	7	21	0	0	1	1	1	1	8	12	4
Armagh. Armagh .. H	9	209	1003·0	-8·5	41·4	1·5	8·0	87	7·1	0	7	2	8	11	*0*	*0*	0	0	0	2	*2*	*6*	18	*0*	0	11	16	1	3	1	0	0	6	11	4	2
	21	209	1002·1	-9·3	40·8	1·5	7·7	87	5·4	8	3	2	7	8	*0*	*0*	0	0	0	4	*17*	*4*	3	*0*	0	12	15	1	1	2	2	0	7	8	5	2
10. IRELAND, S.																																		
Dublin. Glasnevin	9	56	1003·4	–	41·8	1·3	8·1	89	6·6	0	3	13	4	8	0	0	*0*	*0*	*7*	*6*	*4*	*0*	*11*	*0*	0	5	22	1	0	2	0	0	0	8	14	3
	21	56	1002·8	–	43·1	2·1	7·7	82	4·6	0	13	3	3	9	0	0	*1*	*6*	*9*	*4*	*3*	*2*	*3*	*0*	0	9	19	0	0	2	0	3	0	9	9	5
Offaly. Birr Castle ..	7	193	1004·5	-8·6	39·5	0·6	7·6	94	6·0	3	7	3	6	9	0	*0*	0	0	0	*0*	*0*	*12*	*16*	*0*	0	1	26	1	1	1	0	1	8	10	3	3
	13	193	1005·1	–	46·1	2·6	8·4	80	8·2	0	1	3	15	9	0	*0*	0	0	0	*0*	*0*	*7*	*21*	*0*	0	1	27	0	1	1	0	1	5	12	6	2
	18	193	1003·9	–	43·9	1·9	8·3	85	7·4	1	3	2	14	8	0	*0*	0	0	0	*0*	*0*	*9*	*19*	*0*	0	2	26	0	0	1	0	2	5	11	3	6
Waterford. Seskin, Carrick-on-Suir	9	521	1006·3	–	41·8	1·4	8·0	88	6·1	1	5	9	4	9	0	0	0	*0*	0	0	3	*5*	11	9	1	12	14	1	2	0	0	1	4	3	10	7
	21	521	1006·4	–	41·5	1·6	7·5	86	5·3	4	8	4	5	7	0	0	0	*0*	0	0	1	*3*	11	13	1	13	10	4	3	0	0	1	3	8	3	6
Kerry. Valentia H Observatory	7	45	1006·6	-6·3	45·3	2·3	8·4	81	7·8	3	2	0	11	12	0	0	0	0	0	0	*7*	6	*15*	*0*	1	18	9	0	1	3	2	2	5	5	7	3
	13	45	1006·7	-6·9	48·0	3·2	8·6	76	7·6	0	5	4	6	13	0	0	0	0	0	0	*2*	5	*19*	*2*	0	21	7	0	2	2	2	1	4	10	5	2
	18	45	1005·7	-7·7	46·6	2·5	8·7	80	8·1	0	3	2	12	11	0	0	0	0	0	0	*4*	4	*16*	*4*	1	17	10	0	2	2	4	1	6	6	5	2
	21	45	1006·0	-7·7	45·7	2·4	8·4	81	7·8	1	5	0	5	17	0	0	0	0	0	0	*5*	9	*12*	*2*	0	18	10	0	1	3	3	1	5	7	5	3
	h.*	45	1006·5	-6·9	46·0	2·5	8·5	80																											
Cork. Roche's Point ..	7	24	1007·1	-6·6	43·9	1·3	8·8	89	6·3	0	7	5	10	6	0	0	0	0	0	0	5	*7*	*16*	*0*	0	7	21	0	3	5	0	0	0	7	10	3
	13	24	1007·5	–	47·7	2·5	9·3	81	7·2	0	2	8	15	3	0	0	0	0	0	0	4	*4*	*16*	*4*	0	11	17	0	4	4	0	1	0	7	8	4
	18	24	1006·5	–	46·5	2·2	9·1	83	6·7	0	5	8	11	4	0	0	0	0	0	0	4	*5*	*18*	*1*	1	8	19	0	3	1	2	0	2	5	12	3
11. CHANNEL I. & SCILLY.																																		
Scilly. St. Mary's.. ..	1	199	1009·8	–	45·7	1·4	9·3	89	7·3	1	4	3	10	10	0	1	0	0	2	0	5	*9*	*11*	0	1	23	4	0	2	3	2	0	1	6	10	4
	7	199	1009·3	-4·9	45·3	1·6	8·9	87	7·3	1	5	3	10	9	0	0	0	0	0	2	7	*10*	*9*	0	1	25	2	0	4	2	1	0	0	8	9	4
	13	199	1009·7	–	48·3	2·3	9·6	83	7·6	0	3	4	14	7	0	0	0	0	2	2	5	*11*	*8*	0	2	24	2	0	1	3	1	0	1	7	12	3
	18	199	1008·8	–	46·3	1·6	9·3	87	8·1	0	2	4	11	11	0	0	0	1	2	1	8	*10*	*6*	0	3	23	2	0	1	4	0	0	1	8	11	3
Guernsey. St. Peter Port H	1	186	1010·7	–	45·1	2·0	8·6	83	8·3	1	0	5	5	17	0	0	0	0	0	1	6	*12*	*8*	1	0	23	4	1	0	5	1	0	2	5	7	7
	7	186	1010·3	–	44·8	2·1	8·5	82	8·8	1	0	3	6	18	0	0	0	0	0	0	3	*17*	*8*	0	0	22	6	0	1	4	1	0	2	8	7	5
	13	186	1010·8	–	47·0	2·5	9·0	80	8·3	0	4	2	6	16	0	0	0	0	0	5	8	*9*	*6*	0	1	24	2	1	1	2	2	0	1	7	8	6
	18	186	1010·0	–	45·9	2·1	8·9	83	7·7	1	1	7	7	12	0	0	0	0	0	3	8	*12*	*5*	0	2	18	7	1	0	1	3	0	3	5	12	3
GIBRALTAR .. .. H	7	90	1021·7	+1·7	48·6	2·9	9·4	78	3·5	7	10	4	3	4	0	0	0	0	0	1	*4*	*13*	10	0	0	7	19	2	1	0	5	0	0	1	10	9
	13	90	1021·9	–	58·9	8·9	10·2	59	4·0	2	11	7	5	3	0	0	0	0	0	1	*1*	*6*	20	0	0	15	13	0	0	0	3	2	1	3	15	4
	18	90	1021·4	–	56·1	5·8	10·0	64	3·5	5	11	5	6	1	0	0	0	0	0	0	*3*	*9*	16	0	0	10	18	0	1	0	4	0	2	1	12	8
	21	90	1021·9	–	52·7	4·1	9·7	72	2·2	9	12	5	0	2	0	0	0	0	0	0	*2*	*14*	12	0	0	10	16	2	0	0	4	0	1	1	14	6
MALTA .. .. H	7	234	1014·8	-1·9	53·1	3·2	10·9	79	5·8	1	9	4	13	1	0	0	0	0	0	0	2	5	*21*	*0*	0	16	12	0	1	1	1	1	2	6	9	7
	13	234	1014·5	–	57·0	5·6	10·5	66	5·5	0	10	4	12	2	0	0	0	0	0	0	1	4	*21*	*2*	1	21	6	0	0	2	1	0	1	5	9	10
	18	234	1014·9	–	53·8	3·8	10·6	75	4·5	1	14	2	9	2	0	0	0	0	0	0	0	4	24	0	0	21	7	0	1	1	1	0	3	6	8	8

* Mean of hourly readings.

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 temperature 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:—*Royal Observatory, Greenwich.*—A Glaisher stand is used. *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.

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 Gale 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 arrangement 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.

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—Rhayader (9), Tavistock (17), Plymouth (15), Balbriggan (25), Newcastle, Co. Wicklow (30).

"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*), *Pressure* (*Table IV*).—The averages refer to the period 1881–1915 and are "weighted" if the record is not complete for that period.

Temperature and Sunshine (*Table III*).—The averages refer to periods of from 10 to 30 years ending 1930, the actual period for each station being stated in the Introduction. Differences from 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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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: Adastral House, Kingsway, London, W.C.2; 120 George Street, Edinburgh 2; York Street, Manchester 1; 1 St. Andrew's Crescent, Cardiff; 80 Chichester Street, Belfast; or through any Bookseller.

METEOROLOGICAL OFFICE LIBRARY 1935

Vol. 52. No. 3. Issued by the Authority of the Meteorological Committee

Price 1s. 0d. net, Post-free 1s. 1d.
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MARCH, 1935.—Dry; mild, apart from a cold spell from the 8th—11th.

The most interesting features of the month were the deficiency of rainfall, the abnormally warm spell from the 18th to 28th and the cold period from the 8th to 11th.

The opening days were unsettled. Heavy rain in the south-west on the 1st was associated with a trough of low pressure which moved east across the country. During the next few days the centre of the main disturbance off south Iceland moved north and became less deep, while a secondary trough moved slowly eastward, causing the unsettled weather to continue. On the 5th, however, pressure rose slowly over the British Isles and subsequently the anticyclone off our south-west coasts moved north-east and coalesced with another over the Baltic and the resulting system dominated conditions over the British Isles from the 7th to 14th. From the 8th to 11th, the easterly wind current was very cold. Although the weather was mainly fair in most districts during the anticyclonic period, a break occurred in southern districts on the 10th and 11th, with the northward and then westward movement of a depression over the Bay of Biscay. Sleet or snow fell locally, mainly in the south and south-west, and the fall was considerable at some places in the Isle of Wight and south-west England (snow 4½ to 6½ in. at Newton Abbot and 4 in. at Shaftesbury).

Between the 15th and 17th a shallow depression passed slowly across the country from the Atlantic, and some precipitation fell in many districts. From the 22nd to 26th, high pressure prevailed southward of the British Isles, while depressions moved north-east or east along our north-western or northern seaboards, maintaining unsettled weather in northern districts. Small secondaries moving east caused general rain in the south also, on the 23rd. On the 27th, pressure rose in northern districts and fair weather prevailed temporarily except in the extreme north-west and north. A shallow trough caused further rain, chiefly in northern districts, on the 29th and 30th, and a new depression near the Faroes gave local gales in north Scotland on the 31st and some rain in Scotland and Ireland.

Pressure and Wind.—Mean pressure for the month greatly exceeded the average throughout the country, the excess at 7h. varying from 7.4 mb. at Valentia to 10.9 mb. at Lerwick. As might be expected from the largely anticyclonic nature of the month, gales were not, on the whole, very frequent. They occurred most often in the extreme north of Scotland: for instance, at Lerwick Observatory, an hourly wind of more than 38 m.p.h. was recorded on the 3rd, 4th, 5th, 20th, 25th, 26th and 31st. North-westerly gales occurred locally in the south-west between the 1st and 2nd. Squally easterly winds prevailed over England on the 9th and 10th, and reached gale force locally on the 9th, while strong westerly winds occurred in England on the 23rd, reaching a gale locally in western districts and at Kingstown. A widespread south-westerly gale was experienced in Scotland and locally in north Ireland on the 25th and a west-north-westerly gale was recorded in northern Scotland on the 31st. Among the highest speeds recorded in gusts were 75 m.p.h. at the Lizard and 73 m.p.h. at Scilly on the 1st and 73 m.p.h. at Butt of Lewis and 70 m.p.h. at Kirkwall on the 31st.

Temperature.—Mean temperature exceeded the average for the month in all districts except the Channel Islands. The excess in the remaining districts ranged from 0.9°F. in England, S.W. to 3.1°F. in Scotland, E. (See Table I).

The only really cold spell occurred, particularly in southern districts, from about the 8th to 11th. It was accompanied by easterly winds of continental origin and, on the 9th, at a number of stations in the south, day temperature only reached or slightly exceeded the freezing point (e.g. maximum temperature 32°F. at Addington, Biggin Hill and Tunbridge Wells and 33°F. at numerous other stations). Severe frost occurred locally during the anticyclonic period from the 7th to 14th, and at some places on the 15th and 16th.

An exceedingly mild spell occurred from the 18th to 28th: temperature rose to 60°F. or above at some station or other on most of these days and 65°F. was exceeded at a number of places in south-east and east England on the 21st.

The extremes for the month were:—(England and Wales) 68°F. at Cromer on the 21st, 18°F. at Usk on the 8th; (Scotland) 62°F. at Aberdeen, Craibstone, Montrose and Balmakewan on the 25th and at Arbroath on the 31st, 16°F. at Braemar on the 12th; (Ireland) 62°F. at Seskin, Carrick-on-Suir, on the 25th and 26th, and 25°F. at Phoenix Park, Dublin, on the 14th.

Precipitation.—The general precipitation of the British Isles expressed as a percentage of the normal for the period 1881–1915 was 49, the values for the constituent countries being England and Wales 38, Scotland 71 and Ireland 53. The deficiency was general except in the extreme north of Scotland where some places received an excess.

In parts of north-west Scotland, the first 18 days were unusually dry; for instance, Kinlochquoich in Inverness-shire had only one day with rain from the 1st to the 18th. In east and south-east England the period, 5th to 22nd, was unusually dry, an absolute drought being recorded at numerous stations between these days (e.g. no measurable rain occurred at Shoeburyness or Margate from the 5th to 22nd inclusive and none at Surbiton, Domel Elham, Folkestone or Ascot from the 6th to 21st).

Among the heavier falls in 24 hours may be mentioned:—

23rd. 28 mm. at Oldham and Buxton, 29 mm. at Lake Vyrnwy (Montgomery) and 34 mm. at Snowdon.

24th. 28 mm. at Fort William and 60 mm. at Kinlochquoich.

The 5th and the 15th were the only occasions when appreciable snow fell in Scotland. The snow did not lie except on high ground on the 5th. During the cold period, 8th to 11th, some snow fell in England, the falls being the heaviest in the south and south-west, where it lay to a depth of a few inches in some instances (4½ to 6½ in. at Newtown Abbot and 4 in. at Shaftesbury on the morning of the 11th).

Sunshine.—Sunshine aggregates were variable. The percentage of the average for the districts varied from 131 in Scotland, N. to 89 in Scotland, W. The Midland Counties (with 112 per cent.) and England, N.E. (with 110 per cent.) also received an appreciable excess. At individual stations, Stornoway and Nairn enjoyed an excess of 45 hours and 37 hours respectively, while deficiencies of 28 hours, 27 hours and 25 hours were experienced at Falmouth, Malin Head and Stirling respectively.

Fog.—Fog occurred fairly frequently (notably in England) particularly from the 1st to 3rd, 7th to 8th, 15th to 21st and, mainly in the south, on the 24th and from the 26th to 29th. It was thick at times in places. In Scotland, during the quiet conditions round the 8th and from the 15th to 18th, fog occurred rather frequently, especially over inland districts and was thick locally at times.

Miscellaneous Phenomena.—The aurora was observed locally in Scotland on the nights of the 3rd, 7th and 14th, and at Armagh on the 31st. Solar halos were of frequent occurrence and in some cases the mock suns were visible. At Oxford, solar halos were noted on 14 days. The zodiacal light was observed at Ross-on-Wye on the 3rd and a sun pillar was reported at Totland Bay on the 9th and at Newquay and Ross-on-Wye on the 30th.

Meteorological Office, Air Ministry: G. C. Simpson, C.B., D.Sc., F.R.S., Director. South Kensington, S.W.7., 24th April,, 1935.
40/9999.

TABLE I.—DISTRICT VALUES.— MARCH, 1935 [1908, revised 1928.]

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.	59	20	+2·1	-	-	85	-4	131	37
Eastern.									
1. SCOTLAND, E.	62	16	+3·1	-	-	68	-4	105	31
2. ENGLAND, N.E.	65	21	+2·5	+2·1	+1·4	38	-6	95	28
3. ENGLAND, E.	68	19	+1·5	+1·0	+1·0	32	-8	110	35
4. MIDLAND COUNTIES ..	65	24	+1·9	+1·8	+1·6	32	-5	112	31
5. ENGLAND, S.E.	67	24	+1·1	+0·7	+0·9	27	-8	107	34
Western.									
6. SCOTLAND, W. (*and I. of Man*)	58	23	+2·7	+2·1	+1·5	52	-4	89	25
7. ENGLAND, N.W. (*and N. Wales*)	61	24	+2·1	+2·3	+1·5	40	-7	99	30
8. ENGLAND, S.W. (*and S. Wales*)	66	18	+0·9	+0·6	+1·1	39	-7	95	31
9. IRELAND, N. ..	58	26	+1·9	+1·5	+1·1	56	-6	91	27
10. IRELAND, S. ..	62	25	+1·7	+1·5	+0·8	49	-6	97	31
11. CHANNEL I. (*and Scilly*)	63	26	-0·1	0·0	+0·4	51	-8	106	41
Mean : DISTRICTS 1—10	68	16	+1·9	+1·5	+1·2	43	-6	100	30

TABLE II.—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND.— MARCH, 1935 [1914.]

DISTRICT AND STATION.	Height.			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.	
					hr.		hr.	hr.	hr.	hr.	hr.	°	mi/hr.	m/s.	day. hr.	mi/hr.	m/s.	d. h.	m.
0. SCOTLAND, N.	ft.	ft.	ft.																
Shetland. ‡Lerwick	310	53	39	3-5, 20, 25, 26, 31	34	19	157	310	220	23	0	290	45	20	31 18	69	31	26 01	05
Orkney. Kirkwall	170	40	35	-	0	11	108	409	200	27	0	160	35	16	3 13	70	31	31 22	35
Hebrides. Stornoway .* ..	—	—	—	4,25,26,31	26	18	173	369	118	14	44	300	48	21	31 24	73	33	31 19	35
1. SCOTLAND, E.																			
Aberdeen. Aberdeen	70	42	32	-	0	4	8	217	448	71	0	280	29	13	31 12	51	23	5 14	45
Kincardine. Balmakewan ..	140	25	20	-	0	1	4	59	(441)	(240)	0	170	27	12	26 13	46	21	26 09	40
Angus. Bell Rock Lighthouse	130	—	126	24,25	6	16	149	343	204	42	0	280	41	18	26 17	55	25	26 14	50
Edinburgh. Edinburgh	485	39	23	-	0	5	8	204	347	185	0	190	27	12	20 03	45	20	26 16	30
6a. SCOTLAND, W.																			
Argyll. Tiree	75	50	42	-	0	9	46	401	208	39	50	190	32	14	4 18	47	21	26 11	30
Renfrew. Paisley	188	81	31	-	0	1	1	103	463	177	0	250	27	12	25 06	59	26	25 05	10
Renfrew. Abbotsinch ..	65	46	33	25	1	5	16	235	335	157	0	250	39	17	25 05	64	29	25 04	50
Dumfries. Eskdalemuir ..	825	50	35	-	0	8	48	240	302	154	0	240	35	16	25 16	64	29	26 00	10
2. ENGLAND, N.E.																			
Durham. South Shields ..	62	46	33	-	0	5	41	195	387	121	0	270	29	13	31 15	49	22	5 13	55
Yorks., N.R. Catterick	220	45	33	-	0	3	9	89	393	253	0	270	35	16	25 10	60	27	25 09	25
Yorks., E.R. Spurn Head † ..	64	42	34	-	0	7	69	142	193	172	168	-	-	-	- -	-	-	- -	-
Lincoln. Cranwell	284	43	33	-	0	2	3	208	389	144	0	230	26	12	23 15	47	21	23 14	25
3. ENGLAND, E.																			
Norfolk. Gorleston	52	42	34	-	0	4	70	191	415	68	0	50	36	16	9 10	53	24	9 15	50
Suffolk. Felixstowe Aero. ..	65	50	40	-	0	5	67	162	402	113	0	60	36	16	9 10	58	25	9 09	10
Bedford. Cardington ..	285	150	135	-	0	5	46	293	344	61	0	230	35	16	23 16	55	25	23 15	15
Essex. Shoeburyness ..	115	104	89	9	8	6	71	254	351	60	0	60	47	21	9 12	63	28	9 10	45
4. MIDLAND COUNTIES.																			
Warwick. Birmingham ..	643	118	73	-	0	2	10	228	426	80	0	80	29	13	9 15	52	23	9 14	35
5. ENGLAND, S.E.																			
London. South Kensington..	137	110	30	-	0	1	3	125	552	64	0	120	27	12	9 12	53	24	9 11	15
Surrey. Kew Observatory ..	92	75	50	-	0	2	8	140	427	169	0	60	30	14	9 12	58	26	9 10	55
Surrey. Croydon	313	105	70	-	0	4	25	224	415	80	0	60	33	15	9 13	55	25	9 12	10
Kent. Dover	66	66	60	9	2	6	81	172	363	126	0	-	40	18	9 08	55	25	9 08	30
Kent. Lympne	418	76	48	-	0	6	38	205	446	55	0	70	33	15	9 10	52	23	23 15	25
Hampshire. Calshot	58	50	42	-	0	5	29	243	351	121	0	60	33	15	9 14	54	24	8 23	40
Wiltshire. Boscombe Down ..	462	45	33	-	0	0	0	151	427	166	0	50	24	11	9 14	47	21	10 15	20
Wiltshire. Larkhill	491	51	36	-	0	4	29	171	383	161	0	70	31	14	9 14	50	22	9 13	00
7a. ENGLAND, N.W.																			
Lancashire. Fleetwood	112	50	31	-	0	9	38	305	334	67	0	100	30	13	11 11	47	21	11 10	25
Lancashire. Manchester (Barton)	153	83	80	23	1	8	68	250	333	92	0	280	39	17	23 18	59	26	23 19	00
Lancashire. Southport	60	42	33	-	0	8	40	256	374	74	0	250	34	15	23 17	50	22	23 16	45
Cheshire. Bidston Obs'y. ..	262	64	39	23	4	6	52	330	299	59	0	270	41	18	23 18	63	28	23 17	40
7b. NORTH WALES.																			
Anglesey. Holyhead	68	43	38	-	0	5	54	320	273	97	0	80	38	17	10 05	53	24	10 04	10
Flint. Sealand	81	65	42	-	0	1	3	168	394	179	0	280	26	12	23 18	52	23	23 17	05
8a. SOUTH WALES.																			
Pembroke. St. Ann's Head ..	—	—	—	-	-	-	-	-	-	-	-	-	-	-	- -	-	-	- -	-
8b. ENGLAND, S.W.																			
Devon. Plymouth	185	88	65	-	0	6	28	204	317	137	58	-	31	14	1 14	46	21	10 19	40
Cornwall. The Lizard	315	75	60	1,2	10	12	110	332	205	87	0	280	47	21	1 17	75	33	1 22	35
Cornwall. Pendennis Castle ..	256	65	42	1,9	4	12	119	227	307	87	0	50	40	18	9 07	63	28	1 16	45
9. IRELAND, N.																			
Donegal. Dunfanaghy Road	180	47	30	25,31	3	7	52	183	359	147	0	-	44	20	31 05	69	31	25 09	25
Antrim. Aldergrove	282	40	20	-	0	0	0	209	459	76	0	230	24	11	25 13	50	22	22 13	05
10. IRELAND, S.																			
Dublin. Kingstown (Cup Anr.)	49	27	27	23	4	13	108	235	307	90	0	250	44	20	23 15) 16) 17)	-	-	- -	-
Clare. Quilty	100	40	32	-	0	7	27	374	300	43	0	-	32	14	1 20	46	21	1 19	45
Kerry. Valentia Observatory	98	41	33	-	0	7	51	373	273	47	0	300	33	15	1 17	67	30	1 17	40
Cork. Cork	132	71	40	-	0	0	0	44	402	298	0	-	24	11	1 20	40	18	1 19	15
11. SCILLY ISLES.																			
St. Mary's	230	65	57	1,2,17	14	12	125	296	276	33	0	310	50	22	1 21	73	33	1 20	45

‡‡ Brackets ( ) indicate that the distribution as between winds above and below 4 m.p.h. is doubtful, but the total number of hours with winds below 12 m.p.h. is reliable.

‡ Data inaccurate prior to October, 1929 (*see* 1933 Annual Summary, Wind Section).

* Figures are for Butt of Lewis.

† Instrument defective after 24th.

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

The dotted lines indicate the normal distribution of pressure in March, based on 15 years' observations, 1881–1915.

1007 1008 1009 1010 1011 1012 1013

1017 1018 1019 1020 1021 1022

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.

A B C D E F G H J K L M N O P R S T

SCALE 1:25,000,000.

Positions of centres are shown thus:– O at 1 hr; ● 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.

45° 44° 43° 47° 49°

Sea temperatures are shewn in large figures, thus: 45°

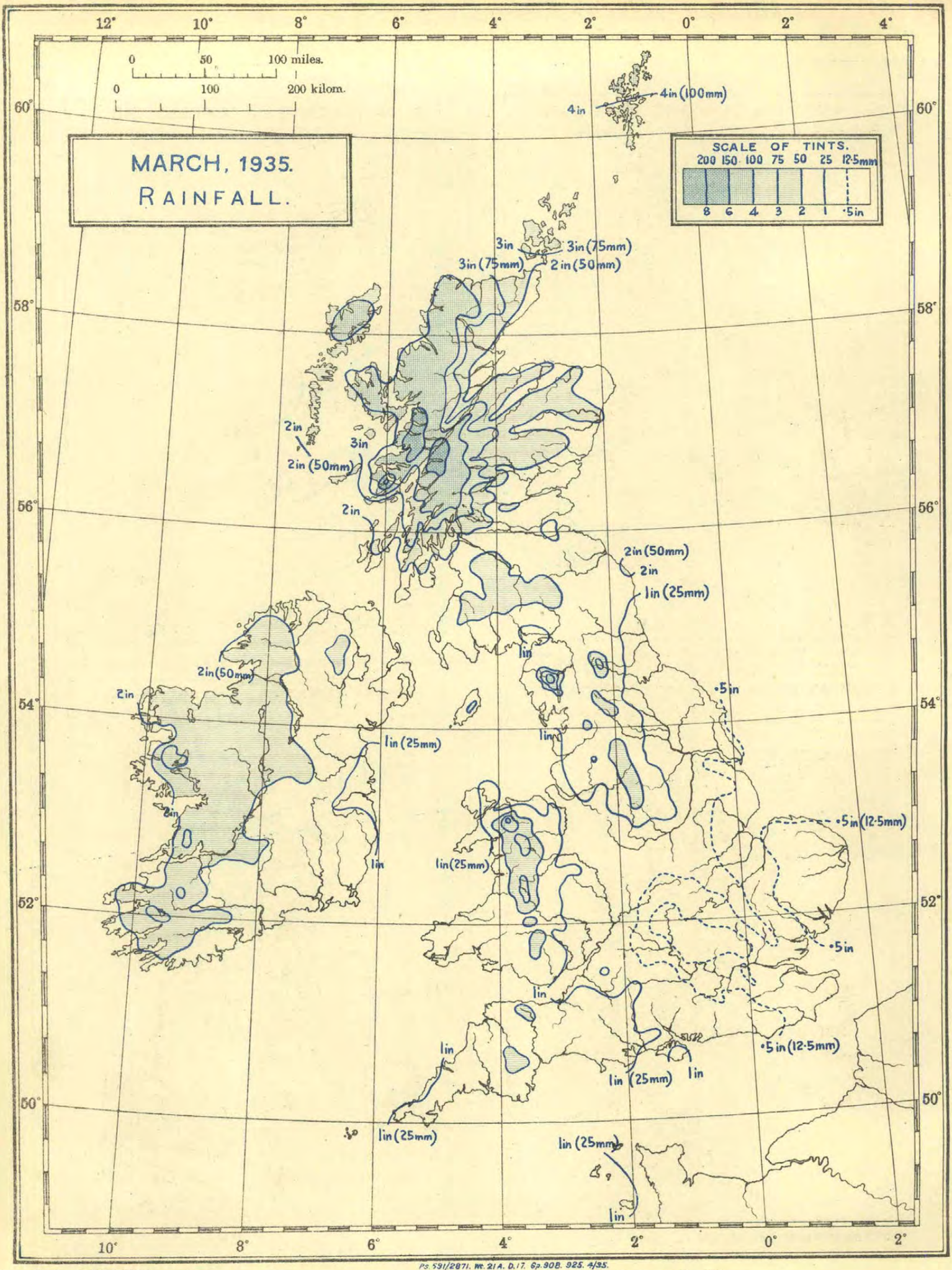
4. BRIGHT SUNSHINE, HOURS PER DAY.

SCALE OF TINTS. Hrs. 4·5 3·5 2·5

4·5 4·0 3·5 3·0 5·0

*The pressure is expressed in millibars.

H.M.Stationery Office Press Kingsway W.C.2.



Ps. 591/2871. m. 21 A. D.17. 6p. 908. 925. 4/35.

Scale 1 : 5,000,000.

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

TABLE III.—SUMMARY of the RECORDS of TEMPERATURE, RAINFALL and SUNSHINE, and of WEATHER OBSERVATIONS, MARCH, 1935

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.		Difference from Average.	Most in a day. Amount.	Date.	WEATHER. Number of days. Precip'n. 0·2 mm. or more.	1 mm. or more.	Snow.	Snow lying.	Hail.	Thunderstorm.	Fog (Morn'g Obs.)	Ground Frost.	Gale.	BRIGHT SUNSHINE. Hours per day. Daily Mean.	Difference from Average.	Per Cent.
		G.M.T.	ft.	°F.	°F.	°F.	°F.	°F.		°F.		°F.	°F.	in.	mm.	mm.	mm.											hr.	hr.	%
0. SCOTLAND, N.																														
Shetland.	Baltasound ..	9 9 9	31	46·6	37·0	41·8	+2·1	53	19	29	12	41·0	–	4·48	113	+25	25	30	24	17	1	1	2	0	0	–	2	3·42	+0·82	29
	Lerwick .. ¶§	18–7 7	156	44·6	39·1	41·9	+1·2	50	19,25	33	29	–	–	3·65	93	–	14	30,31	17	15	1	0	3	1	0	–	8	3·74	+0·85	32
Orkney.	Deerness	2121 9	160	46·1	39·0	42·5	+2·6	52	19,25	33	5	–	–	2·77	70	– 1	19	30	18	16	1	0	0	0	0	–	–	4·04	+1·11	34
	Kirkwall .. ¶§	9 9 9	113	46·6	38·8	42·7	+2·6	55	19	33	5,6	41·6	–	3·20	81	+ 7	21	30	19	17	5	0	2	0	0	4	4	4·30	+1·08	37
Hebrides.	Skallary	101010	30	49·2	43·2	46·2	–	54	20,25	39	5,15	–	–	2·36	60	–	11	24	20	16	0	0	0	0	0	–	–	–	–	–
	Stornoway(C.G.) ¶§	18–7 7	80	48·2	39·9	44·1	+2·6	53	6,19,20	33	13,15,16	–	–	3·77	96	–	13	29	20	15	1	0	2	0	0	–	4	4·83	+1·44	41
	Stornoway ..	– – 9	30	–	–	–	–	–	–	–	–	–	–	4·09	104	0	13	4	19	18	–	–	–	–	–	–	–	–	–	–
Skye.	Duntulm ..	9 9 9	294	48·9	39·7	44·3	–	54	8,9,19	33	16	–	–	3·34	85	–	21	29	19	12	1	0	2	0	1	–	2	4·35	–	37
Caithness.	Wick	18–7 7	81	47·1	38·5	42·8	+2·3	54	20	29	17	–	–	1·93	49	– 9	13	30	16	11	1	0	0	0	1	–	3	–	–	–
Ross & Cromarty.	Achnashellach ..	9 9 9	225	50·0	34·3	42·1	–	58	20	26	15	–	–	5·59	142	–40	19	29	19	19	0	0	0	0	0	19	–	–	–	–	–
	Fortrose	9 9 9	69	49·6	36·5	43·1	+2·3	59	25	28	13,14	–	–	1·41	36	–	6	4	13	13	0	0	0	0	0	–	0	4·77	+1·09	41
Inverness.	Dalwhinnie ..	18–7 7	1176	45·4	33·2	39·3	–	53	19,25	20	16	–	–	3·26	83	–	16	29	18	14	4	2	0	0	0	16	2	3·71	–	32S
	Ft. Augustus ¶	9 9 9	68	49·7	35·2	42·5	+2·5	56	19	23	12,14	–	–	2·33	59	–34	12	23	15	11	0	0	0	0	1	–	–	3·70	–	32S
	Ft. William ..	9 9 9	34	50·3	38·0	44·1	+3·6	56	19	28	12,14	41·3	43·3	5·30	135	–32	28	24	19	15	0	0	1	1	0	12	0	3·34	–	29S
	Inverness ¶§	9 9 9	242	49·1	36·2	42·7	+1·8	57	19,21	26	15	–	–	1·35	34	–20	7	4	14	12	2	0	1	0	2	12	0	4·44	+0·77	38
1. SCOTLAND, E.																														
Nairn.	Nairn .. ¶§	9 9 9	20	50·7	35·4	43·1	+2·7	60	25	24	14	–	–	1·37	35	–13	7	30	14	9	1	0	0	0	0	–	0	4·85	+1·20	41
Moray.	Forres	9 9 9	155	51·1	35·0	43·1	–	60	25	25	12	–	–	1·39	35	–	7	30	14	9	0	0	0	0	0	–	0	4·70	–	40
	Gordon Castle ..	2121 9	104	50·2	36·4	43·3	+2·8	58	7,19,25	27	11	–	–	2·00	51	– 8	11	30	12	9	0	0	0	0	–	–	–	4·31	+0·94	37S
Banff.	Banff	9 9 9	130	48·7	37·6	43·1	+2·4	57	22,25	31	10,12	–	–	1·86	47	– 4	12	30	12	7	1	0	0	0	0	8	1	4·05	+0·55	35S
Aberdeen.	Aberdeen ¶§	242424	79	48·6	39·1	43·9	+3·6	62	25	28	12	41·3	41·2	2·06	52	– 9	13	3	14	8	1	0	0	0	0	5	0	3·25	–0·22	28
		18–7 –	—	49·2	38·5	43·9	+3·4																							
	Balmoral.. ..	9 9 9	927	44·8	31·8	38·3	+1·7	53	24,25	17	12	–	–	1·65	42	–30	12	2	15	11	2	1	0	0	–	18	0	–	–	–
	Braemar	2121 9	1111	45·9	32·3	39·1	+2·7	57	19,25	16	12			1·54	39	–37	5	3,29	14	13	2	3	0	0	0	17	0	3·56	–	30S
	Craibstone ..	9 9 9	300	48·3	36·9	42·6	–	62	25	27	12	40·6	40·6	2·65	67	+ 1	18	1	12	8	1	0	3	0	–	4	–	3·63	–	31
	Logie Coldstone..	9 9 9	608	49·1	34·6	41·9	+3·7	60	25	19	14	–	–	1·29	33	–33	6	1	16	7	1	0	0	0	0	13	–	–	–	–
Kincardine.	Balmakewan ..	9 9 9	80	47·8	36·1	41·9	–	62	25	28	12	–	–	1·92	49	–16	15	1	10	9	2	0	0	0	0	–	0	–	–	–
	Stonehaven ..	9 9 9	125	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Angus.	Arbroath.. ..	2121 9	93	49·9	37·8	43·9	+3·2	62	31	30	28	–	–	1·48	38	–11	16	1	11	8	0	0	0	0	2	15	0	3·59	–	31
	Carnoustie ..	9 9 9	39	49·5	38·8	44·1	+3·5	60	31	33	12,15,16	–	–	1·37	35	–17	14	1	13	10	1	0	0	1	–	–	0	3·31	–0·35	28
	Dundee ¶§	9 9 9	147	49·1	38·1	43·6	+3·3	59	25,31	31	4	45·0	–	1·44	37	–10	12	1	14	9	0	0	0	0	–	11	0	3·31	+0·11	28
	Kettins	9 9 9	218	49·1	36·1	42·6	+2·9	61	25	27	12	41·1	–	1·37	35	–26	8	29	12	9	2	0	1	0	1	15	1	–	–	–
	Montrose.. ..	9 9 9	16	49·2	38·3	43·7	+3·4	62	25	29	12,16	–	–	1·53	39	–	10	1	9	8	1	0	1	1	0	–	0	3·01	–0·52	26
Perth.	Crieff	2121 9	478	48·1	36·4	42·3	+2·5	59	25,31	30	4	–	–	1·62	41	–40	10	29	13	10	2	0	0	0	–	–	0	–	–	–
	Perth	9 9 9	76	49·6	36·7	43·1	+2·5	61	31	28	4	–	–	1·16	29	–34	11	29	15	8	0	0	0	0	–	–	–	3·22	–0·17	28S
Fife.	Cupar	9 9 9	210	49·0	47·1	43·1	+2·4	58	25,31	28	12	–	–	1·30	33	–	10	29	13	7	0	0	1	0	–	–	–	–	–	–
	Dunfermline ..	9 9 9	237	48·8	37·7	43·3	–	57	7,31	30	4	42·0	42·4	1·38	35	–	8	29	13	8	2	0	1	0	2	13	0	3·28	–	28
	Inchkeith ..	18–7 7	190	47·7	40·0	43·9	+2·0	54	19	35	14	–	–	0·93	23	–19	9	29	9	7	1	0	0	0	1	3	0	3·63	–	31
	Kirkcaldy ..	9 9 9	63	50·2	38·7	44·5	+3·0	59	27,31	33	4,8,10,16	–	–	1·05	27	–	8	29	12	7	0	0	0	0	–	–	–	–	–	–
	Leuchars ..	18–7 7	35	49·8	38·2	44·0	+2·7	59	25,31	29	8	–	–	1·12	29	–21	8	29	11	8	0	0	1	0	1	11	0	3·98	+0·22	34
	St. Andrews ..	9 9 9	13	49·4	38·7	44·1	+3·5	59	25	30	8	42·5	43·3	1·28	33	–20	9	1	13	9	0	0	1	0	0	2	–	3·65	+0·04	31
Mid Lothian.	Edinburgh—																													
	Blackford H. ¶§	2121 9	441	47·9	38·3	43·1	+2·8	55	19,25,31	32	12,14	–	–	0·91	23	–27	7	29	11	7	1	0	0	0	3	7	0	3·82	+0·32	33
	Boghall	9 9 9	639	47·3	36·7	42·0	–	54	19,25,31	30	12	40·2	41·2	1·07	27	–	7	29	13	7	2	0	1	0	3	11	–	3·55	–	30
	Liberton ..	9 9 9	190	49·5	37·7	43·6	–	57	31	28	12	–	–	0·85	22	–	8	29	9	7	0	0	0	0	–	–	–	–	–	–
	Univ. King's B.	9 9 9	225	49·2	38·4	43·8	–	57	25	31	12,14	42·0	43·0	0·87	22	–	7	29	11	7	–	–	–	–	–	–	–	–	–	–	–
E. Lothian.	Dunbar	9 9 9	75	49·2	39·3	44·3	–	57	22,31	31	12	–	–	1·33	34	–	8	29	14	8	1	0	0	0	0	4	0	3·48	–	30
	N. Berwick ..	9 9 9	118	49·1	39·1	44·1	–	58	19	31	12	–	–	1·22	31	–14	9	29	15	8	0	0	0	0	0	12	0	3·48	–	30
Berwick.	Marchmont ¶§	9 9 9	498	47·8	37·1	42·5	+3·1	55	20,24,27	30	16	–	–	1·51	38	–29	9	1	17	9	0	0	0	0	–	–	0	2·92	–0·45	24S
Peebles.	Peebles	9 9 9	629	48·2	35·6	41·9	–	55	19	29	4,12	–	–	1·24	31	–	7	29	15	9	2	1	0	0	0	13	0	2·65	–	23
	West Linton ..	9 9 9	820	47·2	34·6	40·9	+3·5	52	19,27,31	24	14	40·3	41·2	1·58	40	–	10	21	12	9	2	0	1	0	6	16	–	–	–	–
Roxburgh.	Kelso (Br'ml'ds)	9 9 9	193	50·2	37·1	43·7	+3·2	57	7,27,31	28	14	–	–	1·24	31	–19	6	1	15	12	0	0	0	0	2	–	0	–	–	–
	Wolfelee	9 9 9	537	48·6	36·1	42·3	+3·4	56	7,20	22	12	–	–	1·18	29	–56	5	29	14	12	1	0	1	0	1	–	0	–	–	–
6a. SCOTLAND, W.																														
Argyll.	Ardtornish ..	2121 9	48	49·6	35·4	42·5	+1·3	53	8, 13, 25, 31	24	11	–	–	4·25	108	–	13	22	16	15	0	0	1	1	–	14	–	–	–	–	–
	Colonsay.. ..	9 9 9	100	49·7	40·1	44·9	–	53	7,20,25	32	2,13	–	–	2·02	51	–	12	24	18	13	0	0	2	0	–	–	–	–	–	–	–
	Dunoon	9 9 9	46	49·2	38·0	43·6	–	55	25	28	8	41·8	41·5	3·87	98	–	19	24	17	16	0	0	1	0	0	8	–	2·35	–	20S
	Glenbranter ..	9 9 9	188	49·4	36·9	43·1	–	55	7,20	27	7	–	–	4·92	125	–	19	24	14	14	0	0	0	0	0	11	0	–	–	–
	Oban	9 9 9	229	49·4	37·9	43·7	+2·4	54	7	30	1	–	–	3·19	81	–	12	22	18	13	0	0	3	1	0	2	0	3·48	–0·24	30
	Tiree	18–7 7	22	48·9	40·6	44·7	–	53	25	34	11	–	–	2·22	56	–29	9	24	19	14	0	0	3	1	0	1	0	3·98	–	34
Bute.	Rothesay ¶§	2121 9	200	48·0	39·4	43·7	+2·4	54	20	35	4,6	41·8	43·4	2·29	58	–33	12	24	17	13	0	0	0	0	6	3	3	3·09	–0·28	26
Dumbarton.	Cardross	9 9 9	130	49·4	38·3	43·9	+3·4	55	20	30	14	–	–	1·78	45	–	8	29	15	12	0	0	0	0	10	–	0	2·60	–0·53	22S
	Helensburgh ..	9 9 9	21	47·7	38·2	42·9	+2·8	55	25	30	7	–	–	2·28	58	–46	10	24	17	14	0	0	0	0	4	–	0	2·84	–0·19	24
Stirling.	Stirling	9 9 9	151	49·4	39·0	44·2	+2·5	57	25,31	31	4	41·4	44·2	1·21	31	– 6	3	14	8	0	0	1	1	3	9	–	2·56	–0·81	22
Renfrew.	Greenock	9 9 9	199	48·7	39·6	44·1	+3·4	53	7,19,25	34	12	–	–	2·12	54	–71	9	24	16	12	0	0	0	0	6	7	–	–	–	–
	Paisley	2121 9	106	49·7	39·0	44·3	+2·5	58	31	32	7,8,12	42·5	44·3	1·83	46	–35	9	22	14	10	1	0	2	0	0	11	–	2·43	–0·73	21
	Renfrew ¶§ (Abbotsinch)	18–7 7	19	49·5	37·8	43·7	+2·4	56	20	27	7,13	–	–	1·56	40	–31	9	29	12	9	1	0	3	0	5	11	1	2·59	–0·43	22
Lanark.	Dungavel ..	9 9 9	798	46·5	34·9	40·7	+2·8	52	13	26	12	–	–	2·47	63	–	14	21	15	10	0	0	0	0	0	16	–	–	–	–	–
	Glasgow	9 9 9	85	49·2	39·6	44·4	+3·5	57	25	33	7	–	42·5	1·85	47	–21	10	29	14	11	1	0	0	0	8	–	–	–	–	–	–
	Thorntonhall ..	9 9 9	440	48·4	35·9	42·1	+3·0	55	7	26	12,13	–	–	1·76	45	–	9	22	15	10	3	0	2	0	–	11	0	3·35	+0·35	28S
Ayr.	Auchincruive ..	9 9 9	89	50·7	37·7	44·2	–	56	7,25	24	14	42·8	43·7	1·90	48	–	10	21	16	10	0	0	0	0	0	16	–	3·53	–	30
	Colmonell ..	9 9 9	170	49·7	38·4	44·1	+2·6	55	20	23	14	–	–	1·66	42	–44	11	21	13	10	0	0	1	0	0	8	–	–	–	–	–
	Troon	9 9 9	15	48·3	39·5	43·9	–	53	13	30	12,13	–	–	1·49	38	–	8	21	15	18	0	0	0	0	2	9	0	3·50	–	30
	Turnberry ..	9 9 9	30	49·7	40·0	44·9	+3·0	55	7	31	12,14	–	–	1·56	40	–	9	21	13	7	0	0	0	0	0	7	0	3·64	–0·13	31
Dumfries.	Dumfries.. ¶§	2121 9	140	49·5	38·2	43·9	+2·9	56	20,31	30	13	42·5	43·2	1·04	26	–46	8	29	10	8	0	0	0	0	0	10	0	2·95	–0·45	25
	Eskdalemuir ¶§	242424	794	47·1	35·1	41·1	+3·6	55	20	26	28	41·2	42·6	2·58	65	–80	11	23	18	12	2	0	4	0	2	9	2	2·80	–0·39	24
		18–7 –	—	46·8	35·8	41·3	+2·7																							
	Ruthwell.. ..	2121 9	67	50·2	36·4	43·3	+2·4	58	27	27	12	–	–	0·92	23	–	5	29	12	8	0	0	0	0	–	–	0	3·08	–0·45	26S
	Thornhill ..	9 9 9	670	47·8	37·1	42·5	–	54	20,25	25	14	–	–	1·86	47	–	10	21	11	8	0	0	0	0	1	–	1	–	–	–

¶§ *See* Notes on Tables on last page of this issue.

TABLE III (*continued*).—SUMMARY of the RECORDS of TEMPERATURE, RAINFALL and SUNSHINE, and of WEATHER OBSERVATIONS, MARCH, 1935 5.

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.		Difference from Average.	Most in a day. Amount.	Date.	WEATHER. Number of days. Precip'n. 0·2 mm. or more.	1 mm. or more.	Snow.	Snow lying.	Hail.	Thunderstorm.	Fog (Morn'g Obs.	Ground Frost.	Gale.	BRIGHT SUNSHINE. Hours per day. Daily Mean.	Difference from Average.	Per Cent.
		G.M.T.	ft.	°F.	°F.	°F.	°F.	°F.		°F.		°F.	°F.	in.	mm.	mm.	mm.											hr.	hr.	%
6b. ISLE OF MAN.																														
Isle of Man.	Douglas	9 9 9	284	48·7	40·3	44·5	+2·6	55	20	35	1,9	-	-	1·56	40	-35	10	23	12	8	1	0	1	0	0	3	0	3·88	-0·30	33
2. ENGLAND, N.E.																														
Northum-berland.	Berwick-on-T. ..	9 9 9	76	48·5	39·4	43·9	-	57	31	34	7,12,16	-	-	1·91	48	+ 1	25	1	12	6	0	0	0	0	1	2	-	3·52	-	30
	Bellingham ..	9 9 9	849	47·1	34·7	40·9	+2·7	56	19	29	4,12,16	-	-	1·11	28	-47	5	3	13	11	2	0	0	0	1	-	-	-	-	-
	Cockle Park ¶§	2121 9	325	48·3	38·8	42·5	+2·8	58	19	30	12	40·3	41·5	1·09	28	-31	7	1	14	8	0	0	1	0	1	9	0	3·05	-0·69	26
	Tynemouth ..	18-7 7	108	48·4	40·5	44·5	+2·0	57	18,19	35	4,16	-	-	0·74	19	-27	4	29	13	6	1	0	0	0	2	1	0	-	-	-
Durham.	Chopwellwood ..	9 9 9	446	49·2	38·9	43·1	+3·4	59	21	27	12	-	-	0·60	15	-45	4	1	11	7	0	0	0	0	0	11	-	3·04	-0·33	26
	Durham .. ¶§	2121 9	336	49·1	37·2	43·1	+3·0	58	21	28	12	-	-	0·60	15	-32	3	16	11	7	1	0	0	0	3	7	0	3·23	-0·18	27
	Houghall	9 9 9	160	50·8	36·8	43·7	-	60	20,21	23	12	-	-	0·58	15	-	3	3	9	6	2	0	1	0	5	12	0	3·29	-	28
	Ushaw College ..	9 9 9	594	48·5	37·2	42·9	+3·0	50	21	29	16	-	-	0·79	20	-36	5	3	15	6	2	0	1	0	3	-	-	-	-	-
Yorks., N. Riding.	Ampleforth ..	9 9 9	313	48·8	37·4	43·1	+2·4	58	19	31	4	-	-	0·72	18	-	7	3	7	6	0	0	0	0	7	13	-	3·11	-	26
	Castleton ..	9 9 9	450	48·9	35·4	42·1	-	59	19,21	21	12	40·9	-	0·76	19	-	6	23	8	6	1	0	0	0	1	10	-	-	-	-
	Catterick	18-7 7	175	49·5	37·8	43·7	-	57	18	27	12	-	-	0·60	15	-	3	22	10	6	2	0	0	1	3	13	0	3·43	-	29
	Scarborough †¶§	9 9 9	118	50·5	39·5	45·0	+2·3	61	21	33	4	-	43·3	0·62	16	-30	5	23	12	6	0	0	0	0	9	7	0	3·42	-0·15	29
	York .. ¶§	2121 9	57	50·3	39·0	44·7	+2·6	60	19	32	12,16	42·2	43·5	0·77	20	-23	7	3	7	7	2	0	0	0	-	-	0	2·85	-0·12	24
Yorks., E. Riding.	Hull	2121 9	8	50·5	40·0	45·3	+3·4	64	21	32	3,4,12	42·8	43·7	0·86	17	-20	5	23	10	6	3	0	1	1	4	12	-	3·02	-	26
	Spurn Head ..	18-7 7	29	47·9	39·2	43·5	+1·4	62	21	34	9,10,15	-	-	0·59	15	-26	9	3	9	3	1	0	0	1	4	-	1	3·75	+0·03	32
Lincoln.	Cranwell .. ¶§	18-7 7	240	50·8	36·7	43·7	+1·7	65	21	27	12	42·0	43·0	0·45	11	-25	5	3	8	4	3	0	3	1	3	15	0	3·82	+0·13	32
	Cleethorpes ..	9 9 9	23	49·8	38·1	43·9	-	65	21	30	15	-	-	0·59	15	-	9	3	6	4	3	0	0	1	1	9	-	3·77	-	32
	Skegness ..	9 9 9	15	49·1	38·5	43·8	+2·5	64	21	33	4,5	-	-	0·37	9	-33	4	23	9	4	0	0	3	0	4	5	-	3·59	-0·36	30
3. ENGLAND, E.																														
Norfolk.	Cromer	9 9 9	178	49·2	37·7	43·5	+1·2	68	21	29	15	-	-	0·52	13	-30	5	23	17	4	2	0	0	0	1	3	0	4·38	+0·26	37
	Hunstanton ..	9 9 9	105	50·3	38·5	44·4	-	66	21	32	9,10	-	-	0·44	11	-	3	3	10	4	1	0	0	0	1	-	-	4·03	-	34
	Norwich	9 9 9	110	50·7	36·2	43·5	+1·0	67	21	27	15	40·8	-	0·51	13	-	5	23	8	3	1	0	0	0	-	12	-	4·13	+0·31	35
	Sprowston ..	9 9 9	93	50·5	35·8	43·1	-	66	21	26	15	-	-	0·59	15	-	5	23	12	5	0	0	0	0	4	22	-	4·48	-	38
	Terrington ..	9 9 9	13	51·2	36·4	43·8	-	63	20	30	10	-	-	0·36	9	-	4	3	8	3	1	0	0	0	11	12	-	4·14	-	35
	Thetford .. (Lynford Nursery)	9 9 9	99	51·4	33·7	42·5	-	67	21	23	7	41·6	42·3	0·55	14	-	4	21	10	4	1	0	0	1	1	20	-	4·11	-	35
	Yarmouth ¶§	18-7 7	5	48·2	38·4	43·3	+0·8	64	20	30	7	43·6	-	0·73	19	-25	4	17	9	6	1	0	0	0	1	2	0	4·48	+0·51	38
Suffolk.	Bungay (Flix'n) ..	9 9 9	79	50·9	35·3	43·1	+0·6	67	21	25	15	-	-	1·00	25	-	8	17	9	7	1	0	0	1	0	15	-	-	-	-
	Copdock	9 9 9	164	50·6	36·1	43·3	+1·2	65	21	29	9,10,15	41·8	43·6	0·82	21	-	7	3	9	4	1	1	0	1	3	12	-	3·79	-0·06	32
	Felixstowe ..	18-7 7	15	48·6	37·7	43·1	+0·4	58	20,25,26	30	7,9	-	-	0·61	15	-23	4	17	8	4	1	0	0	0	5	10	0	4·23	-0·12	36
	Hartest	9 9 9	250	50·8	35·6	43·2	-	65	20,21	28	5,9,15	-	-	0·72	18		7	3	10	5	1	0	1	0	2	23	-	4·37	-	37
	Lowestoft ..	9 9 9	82	49·6	37·1	43·3	+1·2	64	20,26	29	15	43·2	-	0·69	17	-24	5	17	8	6	1	0	0	0	0	-	0	4·73	+0·43	40
Cambridge.	Cambridge ¶§ (Bot. Gdns.)	2121 9	41	51·6	36·2	43·9	+1·5	67	21	28	5,9	43·5	44·6	0·30	8	-29	3	3	5	4	1	0	0	0	0	15	0	3·98	+0·29	34
	(Univ. Farm) ..	9 9 9	78	51·3	36·5	43·9	-	66	21	26	16	-	-	0·35	9	-	3	3	7	4	0	0	0	0	1	12	0	4·12	-	35
Bedford.	Luton	9 9 9	381	50·4	36·2	43·3	+1·4	66	21	27	9,12	42·9	45·0	0·37	11	-	5	22	7	5	0	0	0	1	0	12	-	3·88	-0·07	33
	Woburn	9 9 9	291	50·5	35·9	43·2	+1·7	64	21	25	9	43·1	45·1	0·41	11	-33	3	23	8	5	2	0	0	0	1	14	-	4·21	+0·73	36
Hertford.	Rickmansworth	9 9 9	192	52·7	30·5	41·6	-	67	21	19	5	41·2	43·2	0·62	16	-	7	23	11	4	3	0	0	0	7	28	0	4·08	-	35
	Rothamsted ¶§	9 9 9	420	49·4	36·1	42·7	+1·3	63	20,21	27	9	41·3	-	0·53	13	-38	6	23	7	4	2	0	0	1	0	17	1	4·33	+0·66	37
	St. Albans ..	9 9 9	272	51·1	35·6	43·3	-	65	21	27	5,9	42·4	-	0·52	13	-35	7	23	9	4	1	0	0	1	0	15	-	-	-	-
Essex.	Clacton-on-S. ¶§	9 9 9	53	48·1	38·1	43·1	+1·6	58	24,25,28	31	9	43·1	44·5	0·71	18	-21	5	17	10	4	1	0	0	0	1	8	-	4·23	+0·03	36
	Chelmsford ..	9 9 9	134	51·4	36·0	43·7	+1·3	66	21	29	5,9	-	-	0·76	19	-25	8	17	8	4	3	0	0	0	-	-	-	-	-	-
	Chelmsford (Agr. St.)	9 9 9	193	50·7	35·4	43·1	-	65	21	28	9,15	-	-	0·80	20	-	7	3	8	5	1	0	0	0	-	20	-	3·73	-	32
	Earls Colne ..	9 9 9	168	51·7	36·3	44·0	-	67	21	28	15	-	-	0·32	8	-	5	23	5	3	2	0	0	0	-	-	-	-	-	-
	Halstead ..	9 9 9	140	52·3	35·6	43·9	+1·4	66	21	27	7	-	-	0·38	10	-	5	23	5	4	1	0	0	0	1	-	-	-	-	-
	Shoeburyness ..	18-7 7	11	50·3	35·7	43·0	+0·1	63	20,21	27	15	-	-	0·27	7	-23	5	3	3	2	1	0	1	0	2	19	1	4·15	-0·13	35
4. MIDLAND COUNTIES.																														
Yorks., W. Riding.	Askham Bryan ..	9 9 9		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Bingley	9 9 9	610	47·7	37·2	42·5	-	57	22	30	8,16	-	-	1·59	40	-	10	1	13	9	3	0	0	0	7	9	-	-	-	-
	Bradford ..	9 9 9	439	48·0	38·0	43·0	+2·7	57	19	30	16	41·5	43·2	1·17	30	-32	6	1	13	11	-	-	-	-	6	11	-	2·82	0·00	24
	Doncaster ..	9 9 9		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Giggleswick ..	9 9 9	575	47·2	36·8	42·0	+2·3	54	18,19,20	29	14,28	-	-	1·19	30	-	10	23	10	9	0	0	0	0	0	-	0	3·04	-	26
	Harrogate ¶§	18-7 7	478	48·7	38·0	43·3	+2·2	57	18,27,28	29	12	41·6	42·4	0·85	21	-38	4	3	10	7	0	0	3	0	5	13	0	3·01	-0·43	25
	Huddersfield ..	2121 9	325	48·8	37·8	43·3	+2·5	61	18	29	12,16	41·2	42·8	1·27	32	-30	11	23	11	9	2	0	0	1	9	14	-	2·66	-0·06	23
	,, (Oakes)	9 9 9	761	48·1	37·0	42·5	-	57	18,19	28	9	41·2	42·2	1·98	50	-21	15	23	15	10	2	1	0	0	3	11	0	-	-	-
	Meltham .. **	9 9 9	514	48·4	37·0	42·7	+2·2	58	19	27	16	41·2	41·4	2·32	59	-37	25	23	12	9	2	0	1	0	7	10	-	-	-	-
	Pontefract ..	9 9 9	255	48·7	37·3	43·0	-	58	18	28	1	-	-	0·51	13	-28	4	23	6	5	-	-	-	-	9	9	-	-	-	-
	Sheffield	9 9 9	428	49·3	38·5	43·9	+2·1	61	21	29	16	41·1	42·2	1·54	39	-22	13	23	11	6	-	-	-	-	-	9	-	3·13	+0·14	27
	Wakefield ..	9 9 9	124	50·7	37·5	44·1	+2·2	61	18,19,28	28	1,2	41·8	43·5	0·85	22	-24	4	23	13	8	2	0	5	0	5	11	-	2·68	+0·14	238
Derby.	Belper (School) ..	9 9 9	222	51·3	36·3	43·8	+2·4	60	20	28	1	-	-	0·89	23	-36	9	23	11	7	0	0	0	0	-	-	-	-	-	-
	Belper (Q. Bk.) ..	9 9 9	280	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Buxton	9 9 9	1007	45·9	36·0	40·9	+2·2	55	18	27	9	39·4	40·4	2·02	51	+54	29	23	11	9	3	1	0	0	1	12	-	3·07	+0·28	26
Nottingham.	Attenborough ..	18 7 7	89	51·5	36·2	43·9	-	64	21	29	5,9,16	-	-	0·59	15	-	5	23	9	5	3	0	1	0	5	11	0	-	-	-
	Mansfield ..	9 9 9	357	50·2	37·0	43·6	-	60	20,21	29	9,12,16	-	-	1·54	39	-	13	2	12	8	1	1	1	0	6	-	-	-	-	-
	Nottingham ¶§	9 9 9	192	50·5	37·5	44·0	+2·2	63	21	30	1	41·4	42·2	0·68	17	-26	4	23	13	7	-	-	-	-	7	13	-	3·52	+0·35	30
	Sutton Bon'gton	9 9 9	157	50·7	36·4	43·5	-	62	21	27	8,16	42·4	-	0·56	14	-23	5	23	10	6	3	0	0	0	4	12	-	3·58	-	30
	Worksop ..	9 9 9	56	51·8	36·5	44·1	+1·8	63	21	25	16	42·5	43·5	0·66	17	-26	4	3	12	6	3	0	0	1	-	14	0	3·51	-	30

† At Scarborough the earth thermometer is at a depth of 3 ft. ** At Meltham the earth thermometers are at depths of 1 ft. and 2 ft.

¶§ $ *See* Notes on Tables on last page of this issue.

TABLE III (*continued*).—SUMMARY of the RECORDS of TEMPERATURE, RAINFALL and SUNSHINE, and of WEATHER OBSERVATIONS, MARCH, 1935

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.		Difference from Average.	Most in a day. Amount.	Date.	WEATHER. Number of days. Precip'n. 0·2 mm. or more.	1 mm. or more.	Snow.	Snow lying.	Hail.	Thunderstorm.	Fog (Morn'g Obs.)	Ground Frost.	Gale.	BRIGHT SUNSHINE. Hours per day. Daily Mean.	Difference from Average.	Per Cent.
4. MID. COUNTIES—*cont.*		G.M.T.	ft.	°F.	°F.	°F.	°F.	°F.		°F.		°F.	°F.	in.	mm.	mm.	mm.											hr.	hr.	%
Leicester.	Belvoir Castle ..	2121 9	259	50·1	37·3	43·9	+2·6	63	21	28	12	42·5	44·3	0·78	20	-26	6	1	9	7	-	-	-	-	-	12	-	3·49	*-0·08*	30
North-ampton.	Oundle	9 9 9	147	50·9	35·9	43·4	*+2·1*	64	19,21	27	9	43·0	44·1	0·46	12	-	3	23	10	4	1	0	0	0	3	15	-	4·13	*+0·71*	35
	Raunds	9 9 9	213																											
	Roade	9 9 9	394	50·8	35·0	42·9	-	63	20,21	25	9	41·5		0·14	3	-	3	23	1	1	0	0	0	0	0	13	0	-	-	-
Warwick.	Birmingham ¶§	18-7 7	535	49·7	37·9	43·8	*+1·9*	60	20	27	9	42·5	45·0	0·64	16	-33	4	23	8	5	3	0	0	0	3	11	0	3·64	+0·76	31
	.. Sparkhill	713 7	425	51·0	36·4	43·7	*+2·2*	63	20	25	9	-	-	0·69	17	-34	4	16	7	6	1	0	0	0	8	17	-	-	-	-
	Coventry	9 9 9	241	51·1	35·0	43·1	+0·7	62	20,21	26	1,9	45·8	49·3	0·46	12	-35	3	16	9	5	1	0	0	0	2	13	-	3·83	*+0·56*	318
	Rugby	2121 9	390	51·4	34·4	42·9	-	62	20,21	25	8,9	-	-	0·38	10	-	2	23	10	4	1	0	0	0	-	15	-	-	-	-
	Stratford-on-Avon	9 9 9	210	51·1	36·2	43·7	-	62	21	27	9	-	-	0·42	11	-	3	5	8	3	1	0	0	1	2	-	-	3·86	-	33
Oxford.	Oxford .. ¶§	9 9 9	208	51·9	37·1	44·5	+1·6	65	20,21	26	9	43·4	44·8	0·44	11	-31	4	16	9	4	2	0	2	0	4	13	0	3·92	+0·41	33
Bucks.	Mursley	9 9 9	490	49·8	35·8	42·8	-	63	21	25	9	41·3	-	0·45	11	-35	4	24	7	5	-	-	-	-	-	-	-	4·02	-	34
Stafford.	Mayfield	9 9 9	374	49·5	35·7	42·6	*+2·3*	59	20	27	8,9	-	-	1·05	27	-38	10	23	11	6	4	0	1	0	-	11	-	3·44	*+0·27*	298
Shropshire.	Newport	9 9 9	211	50·1	35·8	42·9	-	59	20	24	12	-	-	0·63	16	-30	5	5	7	7	0	0	0	0	3	16	-	3·27	-	28
	Shrewsbury ..	9 9 9	184	51·6	36·3	44·2	*+2·3*	60	24	26	9,12	43·4	44·3	0·86	22	-	6	5	11	7	1	0	1	0	3	11	0	3·26	-	28
Worcester.	Malvern	9 9 9	380	50·3	38·6	44·7	*+2·0*	62	20	27	9	42·5	43·5	0·79	20	-29	9	5	9	4	0	0	0	0	3	9	-	4·39	*+0·79*	37
	Worcester (Perdiswell)	9 9 9	94	52·0	36·1	44·1	-	62	20	28	8,9	-	-	0·49	12	-	6	5	8	4	0	0	0	0	-	14	-	4·00	-	34
Hereford.	Bromyard ..	9 9 9	393	50·9	36·0	43·5	*+1·9*	62	20	25	8	43·1	44·1	0·72	18	-	7	5	6	5	0	0	0	0	7	16	-	-	-	-
	Hereford ..	9 9 9	292	51·5	36·3	43·9	+1·8	63	20	26	9	-	-	0·62	16	-34	4	16	12	7	0	0	0	0	3	19	0	-	-	-
	Ross-on-Wye ¶§	18-7 7	223	51·5	38·0	44·7	*+1·4*	64	20	27	9	43·4	44·8	0·45	11	-41	4	5	9	3	0	0	0	0	4	18	0	4·28	*+0·79*	36
Gloucester.	Bristol (Horfield)	18-7 7	206	52·3	38·0	45·1	-	64	20	26	9	44·1	45·1	0·79	20	-	5	1	9	8	2	1	0	0	2	11	1	-	-	-
	Cheltenham ..	2121 9	214	51·3	36·9	44·1	*+1·2*	63	20	26	9	43·8	44·5	0·48	12	-37	7	5	9	2	0	0	1	0	4	15	0	3·92	*+0·27*	33
	Cirencester ..	9 9 9	443	50·5	34·9	42·7	*+1·4*	63	20	25	9	-	-	0·49	12	-	6	5	10	4	2	0	0	0	3	21	-	4·32	-	37
	Parkend	9 9 9	325	51·2	34·9	43·1	-	61	20	26	8,9	42·6	43·8	0·59	15	-	4	5	7	5	1	0	0	0	2	24	-	4·04	-	34
5. ENGLAND, S.E.																														
London.	City, Bunhill Row..	—	—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2·95	+0·50	25
	Camden Square ..	9 9 9	110	52·2	38·7	45·5	+1·3	67	21	29	9,10	42·7	44·6	0·37	9	-38	5	23	7	3	2	0	0	0	-	14	-	-	-	-
	East Ham ..	9 9 9	15	51·7	38·4	45·1	*+2·2*	66	21	30	9	-	-	0·36	9	-33	3	3	4	4	-	-	-	-	-	-	-	-	-	-
	Enfield	9 9 9	148	51·7	37·1	44·4	*+1·3*	67	21	28	9	-	44·0	0·58	15	-32	6	23	7	5	0	0	0	0	0	7	-	3·44	-	29
	*g*Greenwich ..	2424 9	149	52·2	36·8	44·5	+1·2	67	21	29	9	43·1	44·6	0·61	15	-29	6	17	7	4	2	0	0	0	5	17	0	3·10	-0·18	28
		21-9 -	—	52·2	37·5	44·9																								
	Hampstead ..	9 9 9	450	50·1	36·6	43·3	*+1·3*	65	21	26	9	-	-	0·37	9	-	5	23	7	2	2	0	0	0	-	17	-	3·27	*-0·09*	28
	Kensington ..	18-9 9	80	51·8	39·2	45·5	*+0·3*	67	21	30	9	43·6	45·0	0·35	9	-	4	23	8	2	2	0	0	0	4	15	0	2·98	-	25
	Kingsway ..	—	—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3·22	-	27
	Regent's Park ..	9 9 9	129	51·8	38·7	45·3	-	66	21	29	9	-	-	0·39	10	-	4	23	6	3	2	0	0	0	5	12	-	3·10	*+0·46*	26
	Kew ¶§	242424	18	51·1	38·5	44·8	+1·6	63	20	30	9	43·0	45·0	0·37	9	-34	4	23	6	2	4	0	0	0	5	16	0	3·53	+0·22	30
	Observatory ..	18-7 -	—	51·0	39·0	45·0	*+0·9*																							
	Stroud Green ..	18 7 7	212	51·7	38·4	45·1	-	66	21	28	9	-	-	0·44	11	-	5	23	7	3	2	0	0	0	4	15	0	-	-	-
	Tottenham ††¶§	2121 9	51	52·5	39·6	46·1	*+2·5*	66	21	30	9	-	45·6	0·46	12	-32	5	23	5	4	0	0	0	0	-	3	-	3·47	*+0·37*	29
	Westminster ..	9 9 9	27	52·2	39·2	45·7	*+1·7*	66	21	31	9	-	-	0·30	8	-33	3	23	6	3	2	0	0	0	-	8	-	3·04	+0·27	26
Surrey.	Addington ..	9 9 9	472	50·0	37·5	43·7	+2·0	64	21	28	9	-	-	0·30	8	-	2	23	8	4	1	0	0	0	0	-	-	-	-	-
	Croydon Aero. ..	18-7 7	217	51·0	38·0	44·5	*+0·9*	65	21	29	9,10	-	-	0·21	5	-47	2	23	4	3	3	0	0	0	3	8	0	3·62	*-0·09*	31
	Wisley	9 9 9	150	51·8	36·4	44·0	*+1·3*	66	20,21	29	8,10,12	43·5	44·5	0·34	9	-	3	23	7	4	1	0	0	0	3	22	0	3·49	*-0·07*	308
Kent.	Biggin Hill ..	18-7 7	567	48·9	37·5	43·2	*+1·1*	62	21	27	9	-	-	0·30	7	-58	2	23	6	4	3	1	0	0	6	13	0	3·36	*-0·28*	33
	Bromley	9 9 9	213	51·3	37·4	44·3	-	66	21	29	9	-	-	0·50	13	-34	5	3	7	4	2	0	0	0	1	14	-	-	-	-
	Canterbury ..	9 9 9	124	49·8	35·6	42·7	*-0·7*	64	21	26	15	44·2	44·9	0·24	6	-	4	3	4	1	-	-	-	-	-	17	-	-	-	-
	Dover	9 9 9	22	48·5	38·9	43·7	*+1·0*	59	24	30	9	43·5	44·8	0·21	5	-	1	3	8	2	2	0	0	0	1	(5)	0	4·13	*+0·03*	35
	Dungeness ..	18-7 7	20	49·1	36·1	42·6	*-0·7*	61	24	28	7,10,15	-	-	0·30	8	-37	2	3	8	3	3	0	0	0	2	-	0	-	-	-
	East Malling ..	9 9 9	132	50·3	34·8	42·5	-	65	21	26	15	-	-	0·15	4	-	1	3	4	1	2	0	0	0	0	15	0	3·59	-	30
	Folkestone ..	9 9 9	101	48·5	37·7	43·1	*0·0*	59	24	29	9,10	-	45·9	0·28	7	-	3	2	7	3	1	0	0	0	3	13	-	3·87	*-0·34*	33
	Goudhurst ..	9 9 9	290	50·1	34·9	42·5	-	64	21	26	8,10	-	-	0·37	9	-	4	3	9	3	2	1	0	0	2	14	-	-	-	-
	Lympne	18-7 7	346	48·1	36·9	42·5	*+0·2*	59	21,24	27	9	-	43·6	0·15	4	-50	1	3	7	1	3	0	2	0	4	13	0	4·39	*-0·19*	37
	Manston	18-7 7	142	49·6	37·3	43·5	-	65	21	28	9	-	-	0·08	2	-	0·5	4,7	5	0	1	0	0	0	2	9	0	4·49	-	38
	Margate .. ¶§	9 9 9	51	49·5	40·0	44·7	*+1·3*	66	21	30	9,10	43·9	44·7	0·04	1	-39	0·5	3	3	0	1	0	0	0	0	3	0	4·31	+0·04	37
	Tunbridge W. ..	9 9 9	351	49·7	34·4	42·1	*-0·2*	65	21	26	9	42·5	43·9	0·37	9	-	4	3	7	4	3	0	0	0	0	20	0	4·10	+0·25	35
	Wye	9 9 9	164	49·8	35·1	42·5	-	63	21	26	15	-	-	0·17	4	-	1	2	6	2	1	0	0	0	-	12	0	4·20	-	36
Sussex.	Ardingly ..	9 9 9	437	50·6	35·9	43·3	*+1·4*	63	21	25	9,10	-	-	0·54	14	-	3	10	10	6	2	1	0	0	-	13	-	-	-	-
	Beachy Head ..	18-7 7	502	47·8	36·4	42·0	-	61	21	26	9	-	-	0·53	13	-	3	3	9	6	4	2	1	0	5	-	-	-	-	-
	Brighton	9 9 9	32	48·7	37·9	43·3	*-0·2*	60	24	26	10	-	44·8	0·59	15	-36	7	10	7	3	4	0	0	0	1	6	0	3·97	-0·29	34
	Eastbourne ..	2121 9	35	48·8	37·8	43·2	-0·3	59	21,24	29	8	44·0	45·9	0·67	17	-40	6	10	9	4	3	0	0	0	0	10	-	3·89	-0·45	33
	St. Leonards ¶§	2121 9	178	48·4	38·5	43·5	*+0·4*	60	24	29	9,10	43·0	44·7	0·62	16	-38	6	10	10	3	2	1	0	0	1	7	0	4·09	-0·19	35
Berkshire.	Ascot H'therw'd	2121 9	320	51·4	36·2	43·8	-	67	21	27	9	-	-	0·26	7	-	3	23	5	3	4	0	1	0	1	23	-	4·07	-	34
	Reading	9 9 9	152	53·0	37·2	45·1	*+2·6*	66	20,21	28	9	43·5	45·5	0·52	13	-	4	22	9	4	2	0	0	0	-	17	0	-	-	-
	Shinfield	9 9 9	200	52·1	36·0	44·1	*+1·4*	66	20	27	9	-	-	0·52	13	-	4	22	8	5	1	0	1	0	-	-	-	-	-	-
	Warfield	9 9 9	220	51·6	35·7	43·7	-	65	21	26	9	43·0	-	0·40	10	-	4	23	6	3	1	1	0	0	13	20	-	3·78	-	32
Hampshire.	Bournemouth ..	9 9 9	138	51·6	37·7	44·7	*+1·2*	62	20,27	26	9	43·9	44·3	0·93	24	-35	8	10	9	6	2	0	0	0	5	-	-	4·32	*-0·03*	37
	Calshot	18-7 7	8	49·9	38·0	43·9	*0·0*	59	21,24,27	28	9	-	-	0·80	20	-23	5	1	9	7	3	1	0	0	6	10	1	4·27	*-0·38*	36
	Long Sutton ..	9 9 9	479	50·7	35·6	43·1	-	65	20	26	9,10	42·6	-	0·59	15	-	5	1	7	6	3	1	0	0	6	11	-	3·70	-	31
	Southamp'n ¶§	2121 9	64	51·2	37·0	44·1	+0·2	62	20,21	26	9	-	-	1·01	26	-32	5	1	9	8	3	0	0	0	8	13	0	3·86	-0·07	33
	S. Farnboro' ..	18-7 7	237	52·1	35·8	43·9	*+0·8*	67	20	27	5,8	-	-	0·41	10	-41	3	1	9	5	4	0	1	0	8	20	0	3·73	*-0·02*	32

†† Tottenham is used as a "district value" station for England, E., and not for England, S.E.

g Temperature from thermometers on a Glaisher stand. ¶§ See Notes on Tables on last page of this issue.

TABLE III (*continued*).—SUMMARY of the RECORDS of TEMPERATURE, RAINFALL and SUNSHINE, and of WEATHER OBSERVATIONS, MARCH, 1935

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. in.	mm.	Difference from Average. mm.	Most in a day. Amount. mm.	Date.	WEATHER. Number of days. Precip'n. 0·2 mm. or more.	1 mm. or more.	Snow.	Snow lying.	Hail.	Thunderstorm.	Fog (Mors'g Obs.)	Ground Frost.	Gale.	BRIGHT SUNSHINE. Hours per day. Daily Mean.	Difference from Average.	Per Cent.
5. ENGLAND, S.E.—*cont.*		G.M.T.	ft.	°F.	°F.	°F.	°F.	°F.		°F.		°F.	°F.	in.	mm.	mm.	mm.											hr.	hr.	%
I. of Wight.	Newport	9 9 9	48	52·3	35·9	44·1	–	66	21	27	5,14	–	–	1·04	26	–	9	10	8	6	3	0	0	0	6	18	–	–	–	–
	Ryde	9 9 9	13	50·4	38·4	44·4	*+0·7*	63	21	29	9,10	–	–	0·79	20	–	7	1	9	5	2	0	0	0	2	–	1	3·74	*–0·29*	32
	Sandown ..	9 9 9	13	49·4	38·7	44·1	*+0·1*	57	24	29	9,10	–	–	1·01	26	–	10	10	11	5	3	1	0	0	0	–	–	4·49	*–0·04*	38
	Totland Bay ..	9 9 9	140	49·5	38·7	44·1	+0·8	59	20	28	9,10	–	–	0·95	24	–29	9	10	11	6	3	2	0	0	5	9	0	4·44	*+0·09*	38
	Ventnor (Hospital)	9 9 9	59	49·7	39·1	44·4	0·0	58	20,21	29	9	–	–	1·48	38	–14	18	10	10	7	4	1	0	0	–	–	0	4·26	–0·22	36
Wilts.	Amesbury (Boscombe Down)	18–7 7	417	51·0	35·9	43·5	–	65	20	24	9	–	–	0·73	19	–	4	1	11	7	4	0	0	0	6	12	0	4·28	–	36
	Larkhill	9 9 9	440	50·7	35·5	43·1	*+0·8*	64	20	24	9	–	–	0·77	20	–29	5	5	10	6	4	0	1	0	4	18	0	–	–	–
	Marlboro' ¶§	9 9 9	424	51·1	35·2	43·1	+1·8	64	20,21	25	9	43·2	45·2	0·95	24	–40	8	22	10	7	2	0	0	0	1	20	0	4·17	+1·00	35
	Porton	9 9 9	363	51·1	34·7	42·9	*+0·8*	64	20	26	9,10	42·2	–	0·81	21	–29	5	5	10	5	4	2	0	0	0	7	0	4·39	–	37
7a. ENGLAND, N.W.																													
Cumberland.	Keswick	9 9 9	254	49·1	38·5	43·8	*+2·5*	55	19,20	31	14	42·1	43·5	1·15	29	–85	9	22	12	9	0	0	0	0	0	8	0	3·35	*+0·08*	28
	Newton Rigg ¶§	2121 9	560	48·1	36·8	42·5	+2·8	55	20	28	12	–	–	1·03	26	–45	5	22	14	10	1	0	1	0	0	12	0	3·54	+0·14	30
Westmorland.	Ambleside ..	9 9 9	145	49·6	38·0	43·8	–	55	20,27	25	13,14	–	–	1·82	46	–	11	25	12	10	0	0	0	0	0	–	–	2·51	–	21
	Appleby	9 9 9	440	49·3	37·0	43·1	*+3·0*	58	20	28	12	–	–	1·32	33	–35	11	22	12	9	0	0	0	0	–	–	–	–	–	–
Lancashire.	Bolton	9 9 9	342	48·7	38·7	43·7	+2·4	56	18	30	9	42·1	42·7	1·91	49	–31	22	23	13	10	0	0	0	0	–	4	–	2·45	+0·30	21S
	Burnley	9 9 9	458	47·8	38·4	43·1	*+3·0*	55	18,19,22	31	8,9	41·9	43·0	1·50	38	–	17	23	13	8	1	0	0	0	1	7	–	2·37	*–0·24*	20
	Darwen	2121 9	724	48·1	37·6	42·9	*+3·2*	58	24	29	9	42·0	42·0	1·74	44	–55	20	23	15	10	3	0	1	0	4	10	–	2·30	*–0·45*	19S
	Hutton	9 9 9	82	49·6	39·0	44·3	*+3·0*	56	19,22	32	9	42·8	43·8	1·01	26	–	14	23	9	6	0	0	0	0	1	12	0	2·93	*–0·35*	25
	Lancaster	9 9 9	312	49·5	39·8	44·7	*+3·0*	56	19	33	9,14	39·8	42·0	1·46	37	–44	14	23	10	9	0	0	1	0	10	4	0	3·14	*–0·43*	27
	Leyland	9 9 9	125	50·1	38·2	44·1	*+2·5*	58	22	31	9,12,28	–	–	1·05	27	–39	13	23	10	7	0	0	0	0	2	11	–	3·09	*–0·16*	26
	Manchester (Barton) ..	18–7 7	70	50·5	37·9	44·2	–	58	18,20,22	30	9,28	–	–	1·12	29	–	13	23	11	7	1	0	0	0	7	15	0	2·68	–	23
	(Oldham Road)	2121 9	191	50·0	41·0	45·5	+2·8	57	18,20	32	9	42·5	44·2	1·64	42	–23	17	23	11	6	0	–	1	0	–	10	–	2·20	*–0·18*	19S
	(Whitworth Pk.)	2121 9	125	50·2	40·1	45·1	+2·6	58	18,22	32	9	–	–	1·22	31	–26	14	23	10	8	–	–	–	–	7	9	–	2·63	*+0·35*	22
	Southport * ..																												
	(Bedford Rd.Pk) ¶§	9 9 9	35	50·2	38·5	44·3	+2·3	57	19,22	27	14	43·1	44·6	0·97	25	–32	10	23	9	8	1	0	2	0	3	8	0	3·56	–0·26	30
	Stonyhurst ¶§	9 9 9	377	47·7	38·5	43·1	+2·2	55	19,22	32	9	–	–	1·50	38	–56	19	23	13	10	2	0	0	0	2	8	0	2·85	–0·40	24
Cheshire.	Bidston Obs'y. ..	18–7 7	198	48·7	39·8	44·3	*+1·7*	57	25	30	14	–	–	0·76	19	–29	6	23	10	6	1	0	2	0	3	4	1	3·28	*–0·09*	28
	Hoylake	9 9 9	23	(50·6)	38·5	(44·5)	(+1·6)	58	25	14	14	–	–	0·76	19	–28	5	23	8	7	0	0	1	0	–	9	–	3·55	–0·09	30
	Macclesfield ..	9 9 9	500	48·8	37·9	43·3	+2·6	58	18	30	9	–	–	1·46	37	–30	16	23	12	8	0	·0	1	0	3	–	–	–	–	–
	West Kirby ..	9 9 9	25	50·4	38·6	44·5	–	57	25	27	14	–	–	0·75	19	–28	6	23	7	6	3	0	0	0	0	14	–	3·80	–	32
7b. NORTH WALES.																													
Flint.	Hawarden B'dge	9 9 9	17	51·1	37·6	44·3	+1·2	60	22	25	14	–	–	0·86	22	–	9	23	9	5	0	0	0	0	2	–	–	–	–	–
	Rhyl	9 9 9	31	50·4	39·3	44·9	*+2·1*	57	19,25	29	14	–	–	0·50	13	–31	4	5	9	3	0	0	0	0	0	8	0	3·66	*–0·33*	31
	Sealand .. ¶§	18–7 7	16	51·0	37·6	44·3	*+1·4*	59	20,22	24	14	43·6	44·9	0·80	20	–25	5	5	7	4	0	0	1	0	6	14	0	3·62	*–0·03*	31
Anglesey.	Holyhead ¶§	18–7 7	26	49·8	42·1	45·9	*+1·8*	55	24	34	9	–	–	0·91	23	–43	5	23	9	7	1	0	0	0	0	3	1	4·37	*+0·39*	37
Denbigh.	Colwyn Bay ..	9 9 9	118	51·4	40·3	45·9	*+2·5*	60	25	26	14	–	–	0·57	14	–43	6	5	9	4	0	0	0	0	1	–	–	3·91	*+0·07*	33
Carnarvon.	Aber	9 9 9	60	50·9	40·9	45·9	–	58	18,19	30	14	–	–	0·90	23	–	9	23	12	6	0	0	0	0	–	12	0	4·15	–	35S
	Llandudno ..	9 9 9	13	49·9	40·4	45·1	*+1·7*	57	19	31	14	–	–	0·89	17	–35	6	5	10	3	0	0	0	0	0	5	0	3·73	–0·14	32
Montgomery.	Welshpool ..	9 9 9	254	51·9	36·3	44·1	*+2·2*	61	28	26	8	–	–	0·91	23	–34	8	23	9	7	0	0	0	0	2	–	–	–	–	–
8a. SOUTH WALES.																													
Cardigan.	Aberystwyth ..	9 9 9	69	49·3	40·4	44·9	*+2·0*	57	19	30	9	–	–	1·13	29	–	8	23	11	6	0	0	0	0	1	–	–	4·12	*+0·22*	35
	,, P.B.S. †	9 9 9	452	47·9	38·6	43·3	–	56	19	27	9	–	–	1·59	40	–	8	24	13	9	0	0	0	0	0	10	0	3·89	–	33
Pembroke.	Haverfordwest ..	2121 9	250	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	St. Ann's Hd. ¶§	18–7 7	142	48·6	40·8	44·7	*+0·4*	55	29	30	9,10	–	–	1·11	28	–37	12	1	11	6	0	0	0	0	0	–	–	3·75	–0·28	32
Radnor.	Rhayader ¶§	9 9 9	757	48·7	35·2	41·9	*+1·4*	61	28	25	9	–	–	1·40	35	–77	21	23	10	7	0	0	0	0	2	20	0	3·19	*–0·11*	27
Brecknock.	Cantref	9 9 9	1080	47·0	31·2	39·1	–	57	20,28	20	9,10	–	–	2·22	56	–	25	23	11	9	1	0	0	1	3	–	–	4·42	–	37
Glamorgan.	Cardiff	2121 9	202	50·0	38·2	44·1	*+1·6*	61	20	27	9	43·3	44·2	1·00	25	–55	10	1	10	6	2	0	0	0	1	10	0	3·82	*+0·15*	32
	Swansea	9 9 9	27	51·4	40·1	45·7	*+2·0*	59	24	29	9	44·7	48·6	1·18	29	–	8	1	10	8	0	0	0	0	1	13	–	4·18	*+0·47*	35
8b. ENGLAND, S.W.																													
Monmouth.	Newport	9 9 9	265	50·5	37·6	44·1	*+0·1*	62	20	27	9	43·3	44·4	0·99	25	–	9	1	9	8	–	–	–	–	8	–	–	3·33	–	33
	Usk	9 9 9	70	51·1	35·0	43·1	–	61	20,24	18	8	44·1	–	0·74	19	–	7	2	9	6	0	0	0	0	4	19	0	3·27	–	28
Somerset.	Bath .. ¶§	9 9 9	67	51·7	38·1	44·9	*+1·7*	64	20	27	9	44·5	45·9	0·92	23	–35	7	1	9	8	2	0	0	0	2	–	0	4·22	*+0·55*	36
	Cannington ..	9 9 9	95	51·4	37·7	44·5	–	60	20,27	27	9	–	–	1·00	25	–	9	1	11	7	2	1	0	0	1	18	0	3·93	–	33
	Long Ashton ..	9 9 9	162	51·1	37·8	44·5	*+0·8*	61	20	28	9	–	–	0·68	17	–47	5	1	11	7	2	0	0	0	2	15	0	3·51	*–0·49*	30
Dorset.	Holton Heath ..	9 9 9	64	51·7	36·3	44·0	*+0·3*	63	20	27	9	43·8	45·0	0·98	25	–	9	1	8	5	3	1	0	0	2	15	0	4·14	*–0·27*	35
	Portland Bill ..	18–7 7	32	48·0	39·9	43·9	*–0·6*	54	20,21,29	28	9	–	–	1·16	29	–19	14	1	6	6	3	0	0	0	1	–	0	–	–	–
	Shaftesbury ..	9 9 9	722	48·8	36·0	42·4	+0·9	63	20	25	9,10	–	–	1·33	34	–26	17	10	6	6	2	3	0	0	–	–	–	–	–	–
Devon.	Arlington ..	9 9 9	613	51·9	36·6	44·3	+2·4	60	20	26	9	–	–	1·43	36	–66	11	1	10	8	3	2	0	0	–	12	–	–	–	–
	Cullompton ¶§	9 9 9	202	52·5	36·7	44·6	+1·2	66	20	27	9,12	44·7	–	1·30	33	–37	11	1	10	7	2	3	0	0	1	20	–	3·51	–0·44	30
	Ilfracombe ..	9 9 9	25	49·9	41·5	45·7	*+0·9*	57	18	30	9	45·0	48·0	1·19	30	–40	16	1	9	8	4	0	1	0	0	·2	–	3·09	*–0·76*	28

† Plant Breeding Station. ¶§ S *See* Notes on Tables on last page of this issue. ***Pressure and visibility at Hesketh Park; wind at Marshside; other readings at Bedford Road Park.**

TABLE III (*continued*).—SUMMARY of the RECORDS of TEMPERATURE, RAINFALL and SUNSHINE, and of WEATHER OBSERVATIONS, MARCH, 1935

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.		Difference from Average.	Most in a day. Amount.	Date.	WEATHER. Number of days. Precip'n. 0·2 mm. or more.	1 mm. or more.	Snow.	Snow lying.	Hail.	Thunderstorm.	Fog (Morn'g Obs.)	Ground Frost.	Gale.	BRIGHT SUNSHINE. Hours per day. Daily Mean.	Difference from Average.	Per Cent.
8b. ENGLAND, S.W.—*cont.*		G.M.T.	ft.	°F.	°F.	°F.	°F.	°F.		°F.		°F.	°F.	in.	mm.	mm.	mm.											hr.	hr.	%
Devon.—*cont.*	Killerton ..	9 9 9	159	52·3	36·8	44·7	*+1·2*	65	20	27	9	–	–	1·55	39	–	17	1	10	7	–	–	1	19	–	–	–	–	–
	Newton Abbot ..	9 9 9	375	51·3	37·6	44·5	–	63	20,21	27	9	–	–	1·53	39	–36	15	1	9	7	5	2	0	1	3	16	–	4·04	–	34
	Paignton ..	9 9 9	12	51·1	37·3	44·2	*–0·2*	63	21	30	14	–	–	1·45	37	–	14	1	9	6	2	1	0	1	1	16	–	3·55	*–0·65*	30
	Plymouth (Hoe)	2121 9	117	50·7	38·5	44·6	*0·0*	62	20	29	9	44·3	46·4	1·11	28	–46	19	1	10	5	3	0	0	0	7	8	2	4·01	*–0·23*	34
	Plymouth (Mount Batten) ..	18–7 7	82	49·4	39·1	44·3	*–0·6*	57	20	30	9,10	–	–	1·08	27	–	20	1	10	3	3	0	0	0	3	8	0	4·01	*–0·44*	34
	Princetown ..	9 9 9	1430	–	–	–	–	–	–	–	–	–	–	1·95	49	–124	23	15	–	–	–	–	–	–	–	–	–	–	–	–
	Salcombe ..	9 9 9	39	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Sidmouth ..	9 9 9	25	51·6	38·5	45·1	+1·6	62	24	30	9,10	–	–	1·27	32	–	14	1	8	4	3	1	0	0	1	9	–	4·01	–	34
	Tavistock ..	9 9 9	457	50·9	36·6	43·7	*+0·4*	63	20,27	26	9	–	45·3	1·28	33	–65	15	1	11	8	4	1	1	0	1	17	0	–	–	–
	Teignmouth ..	9 9 9	20	51·0	39·0	45·0	*+0·5*	61	24,25	30	9	–	–	1·37	35	–31	15	1	9	6	2	0	0	0	2	8	–	3·90	*–0·42*	33
	Torquay	9 9 9	27	51·1	38·2	44·7	*–0·4*	63	21	30	9	–	45·9	1·26	32	–38	13	1	9	6	2	0	0	1	2	8	0	4·13	–0·27	35
	Woolacombe ..	9 9 9	60	49·1	40·8	44·9	+0·2	56	18	31	12	–	–	0·98	25	–32	12	1	10	6	4	0	0	0	1	9	–	–	–	–
Cornwall.	Falmouth Obs. ¶§	9 9 9	167	50·0	39·5	44·7	*0·0*	57	20,30	31	9,10	44·5	47·3	1·09	28	–60	15	1	10	4	1	0	1	0	4	8	–	3·46	–0·91	29
	Fowey	9 9 9	51	51·4	38·5	44·9	*–0·5*	59	20,29	29	9	–	–	1·14	29	–	17	1	11	6	1	0	0	0	3	–	–	3·90	*–0·36*	33
	Gulval	9 9 9	20	51·0	36·3	43·7	–	57	29	26	10	–	–	1·10	28	–	17	1	9	5	1	0	0	0	–	9	–	4·39	–	37
	The Lizard ..	18–7 7	240	48·9	40·9	44·9	–	59	20	30	9,10	–	–	1·48	38	–	14	1	10	8	3	2	1	0	3	–	2	–	–	–
	Newquay ..	9 9 9	190	49·2	38·5	43·9	*–0·4*	57	20	28	14	44·7	46·8	0·87	22	–40	11	1	10	5	1	0	0	0	3	–	0	3·96	–0·33	34
	Redruth	9 9 9	397	49·2	38·1	43·7	*+0·2*	58	20	28	9,10,14	–	–	0·96	24	–67	14	1	12	3	1	0	1	0	2	17	2	–	–	–
9. IRELAND, N.																														
Sligo.	Markree Cas. ¶§	2121 9	122	50·9	37·5	44·2	+2·0	58	20	26	14	44·3	45·3	2·16	55	–33	15	1	17	14	0	0	1	0	3	–	0	3·08	–0·30	26
Mayo.	Blacksod Pt. ¶	18–7 7	18	49·7	41·5	45·6	–	56	18	34	10,14,15	–	–	2·13	54	–50	9	22	15	11	0	0	3	0	0	–	0	–	–	–
	Mallaranny §	9 9 9	113	50·7	40·8	45·7	*+1·6*	58	7	32	12,14,15	–	–	2·99	76	–	22	22	14	14	–	–	–	–	0	–	–	3·27	*–0·31*	28
Donegal.	Malin Head ¶§	18–7 7	83	49·2	40·7	44·9	*+1·8*	55	18	36	1,2,9,14	–	–	1·34	34	–25	6	24	16	8	0	0	2	1	0	–	0	2·94	*–0·38*	25
Antrim.	Aldergrove ..	18–7 7	238	50·0	39·1	44·5	–	57	20	32	1,4,14	–	–	1·47	37	–27	7	5	12	9	1	0	3	0	4	5	0	3·11	–	26
Down.	Donaghadee ..	18–7 7	40	50·4	39·1	44·7	*+1·2*	57	20,31	31	1	–	–	1·29	33	–23	13	22	15	7	0	0	2	0	3	–	0	–	–	–
	Hillsborough ..	9 9 9	388	48·6	38·1	43·3	–	55	20	30	12	42·7	–	1·22	31		7	23	9	7	0	0	1	0	1	9	0	2·93	–	25
Armagh.	Armagh .. ¶§	2121 9	204	50·4	38·4	44·4	+2·3	57	20,26	26	14	43·4	44·3	1·25	32	–28	7	23	12	10	1	0	1	0	0	9	0	2·99	–0·46	25
Longford.	Newtownforbes ..	2121 9	154	50·7	36·7	43·7	*+1·9*	58	31	26	14	42·9	44·6	2·06	52	–23	23	1	10	9	0	0	2	0	–	–	–	–	–	–
10. IRELAND, S.																														
Dublin.	Balbriggan	9 9 9	203	51·3	39·3	45·3	+2·8	61	20	32	1,4,14	44·4	45·0	0·77	20	–29	4	23	12	7	0	0	2	0	0	10	–	–	–	–
	Dublin City .. ¶	2121 9	54	51·5	41·3	46·4	+2·5	59	20,26	34	14,15	–	–	0·51	13	–36	4	1	8	4	0	0	0	0	1	5	0	–	–	–
	,, Glasnevin ..	2121 9	55	52·1	(38·2)	(45·1)	(+2·2)	61	20	26	14,15	–	–	0·68	17	–33	4	22	8	6	0	0	1	0	6	10	0	–	–	–
	,, Phœnix Pk. §	2121 9	155	52·0	38·0	45·0	+2·9	61	26	25	14	–	–	0·72	18	–31	4	22	10	6	0	0	2	0	9	15	–	3·67	–0·09	31
	,, Trin. Coll. ..	2121 9	13	52·8	41·2	47·0	*+3·2*	61	20,26	31	14	44·9	45·5	0·52	13	–34	4	1	7	4	1	0	1	0	–	14	0	–	–	–
	Hazelhatch .. .. (Peamount San.)	9 9 9	366	51·3	37·9	44·6	–	60	26	27	14	43·1	43·9	0·91	23	–	4	22	9	8	–	–	–	–	2	–	–	3·84	–	33
	Rathfarnham ..	9 9 9	169	(51·6)	39·6	(45·6)	–	60	26	29	14,15	43·9	–	0·57	14	–	4	1,22	10	5	0	0	0	0	1	10	–	4·05	–	34
Wicklow.	Newcastle ..	2121 9	256	52·1	38·8	45·5	*+2·6*	62	20	28	12	–	–	1·06	27	–	11	1	8	5	0	0	0	0	0	–	–	–	–	–
Offaly.	Birr Castle ¶§	18–7 7	173	51·5	38·5	45·0	*+1·5*	59	20	26	14	44·3	44·9	1·36	35	–26	10	1	10	8	0	0	1	0	2	14	0	3·89	+0·34	33
Leix.	Mountmellick ..	9 9 9	245	49·8	37·3	43·5	*+1·3*	58	20	25	12,14	–	–	2·02	51	–	20	1	11	9	–	–	–	–	–	–	–	–	–	–
Waterford.	Seskin, Carrick-on-Suir	2121 9	535	50·5	38·1	44·3	*+2·2*	62	25,26	31	10,13,14	–	–	1·68	43	–	16	1	15	7	1	0	0	0	2	14	0	4·25	*+0·49*	36
	Waterford ¶	9 9 9	137	51·3	39·4	45·3	*+1·5*	59	24	31	14	–	–	1·55	39	–30	17	1	13	9	1	0	1	0	7	–	0	–	–	–
Limerick.	Foynes	9 9 9	43	51·3	39·5	45·4	+1·7	58	20	27	14	–	–	2·50	64	–11	13	16	14	10	–	–	–	–	–	–	–	–	–	–
Kerry.	Valentia Obs. ¶§	242424	30	50·9	43·7	47·3	+2·4	54	23	35	10	46·2	47·1	2·19	56	–59	10	16	15	12	0	0	2	0	0	1	1	3·22	–0·49	27S
		18–7 –	—	51·1	43·3	47·2	*+1·1*																							
Cork.	Ballinacurra §	9 9 9	24	51·3	39·2	45·3	*+1·4*	58	28	29	4	–	–	1·65	42	–30	15	1	14	7	2	0	0	0	–	–	–	3·64	*–0·21*	31
	Cork	9 9 9	57	52·1	39·1	45·6	–	59	28	27	13	–	–	1·54	39	–37	12	1	11	7	0	0	0	0	4	13	–	3·29	–	28
	Roche's Pt. ¶	18–7 7	22	49·1	42·5	45·8	*+0·4*	54	31	34	1,11	–	–	1·73	44	–32	14	1	14	9	2	0	1	0	1	–	1	–	–	–
11. CHANNEL ISLES AND SCILLY.																														
Scilly.	St. Mary's ¶§	18–7 7	163	50·0	42·3	46·1	*–0·7*	55	30	32	10	–	–	1·04	27	–35	12	1	10	5	0	0	1	0	3	–	2	4·34	–0·06	37
Guernsey.	St. Peter Port ¶§	18–7 7	175	49·3	41·6	45·5	*+0·1*	63	21	27	9	45·5	46·9	1·54	39	–24	17	1	10	9	4	3	1	0	1	4	0	4·66	*+0·04*	39
Jersey.	St. Heliers ¶§	9 9 9	28	50·2	40·9	45·5	*+0·2*	60	20	26	9	–	–	1·19	30	–34	12	1	10	8	2	2	0	0	0	–	–	5·39	+0·79	46
GIBRALTAR		18–7 7	102	63·4	53·2	58·3	*+0·4*	71	30	43	13	–	–	1·66	42	–80	24	20	8	6	0	0	0	0	0	0	0	–	–	–
MALTA		18–7 7	231	58·1	50·6	54·3	*–2·4*	63	2	43	13	–	–	4·38	111	+77	47	12	11	8	0	0	1	2	0	–	4	6·29	–	53

¶§ *See* Notes on Tables on last page of this issue.

TABLE III (*a*).—RIVER TEMPERATURE

Place.	River.	Hour.	Highest.	Lowest.	Mean.	Difference from Average.
			°F.	°F.	°F.	°F.
Belper	Derwent	9	–	–	–	–
Attenborough	Trent	7	48·8	40·3	44·8	–
	,,	18	49·8	41·2	45·5	–

TABLE III (*b*).—SKY OBSERVATIONS, MARCH, 1935

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

NIGHT SKY RECORDER.**	GREENWICH.	PORTON.
Recorder in operation on	31 nights	31 nights
Average exposure (hours)	9·95	9·65
Polaris unobscured (per cent.)	56	48
δ Ursæ Minoris (ditto)	47	39

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

TABLE III (*c*).—SOLAR RADIATION.

DIRECT SOLAR RADIATION KEW OBSERVATORY.	Cal./cm.²/diem.
Max. (21st).. ..	580
Mean	134

TABLE IV.—SUMMARY of the OBSERVATIONS of PRESSURE, TEMPERATURE, HUMIDITY, CLOUD, VISIBILITY and WIND at fixed hours at certain Stations during the month of MARCH, 1935

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.	4 to 7	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	160	1017·4	-	41·1	1·1	7·9	90	7·7	1	3	4	10	13	0	0	0	0	1	0	7	10	13	0	5	9	17	0	1	3	2	3	11	5	3	3
			7	160	1017·3	+10·9	41·2	1·3	7·7	89	8·2	0	1	7	13	10	0	0	0	0	0	1	8	10	11	1	3	15	13	0	3	1	2	2	9	8	3	3
Shetlands.	Lerwick ..	..	13	160	1017·8	-	43·3	1·8	7·9	85	7·5	0	1	9	15	6	0	0	0	0	1	4	12	13	1	2	17	12	0	0	1	3	4	10	5	5	3
			18	160	1017·8	-	42·0	1·6	7·8	86	7·8	0	1	8	14	8	0	1	0	0	0	0	2	10	18	0	2	16	13	0	1	2	2	2	12	5	4	3
			9	165	1017·6	-	43·1	1·9	7·9	84	6·4	0	5	11	14	1	0	0	0	0	0	0	2	6	22	1	-	-	-	-	-	-	-	-	-	-	-	-
Orkneys.	Deerness ..	..	21	165	1017·7	-	42·2	1·5	7·9	87	6·5	1	7	6	11	6	0	0	0	0	0	0	1	1	29	0	-	-	-	-	-	-	-	-	-	-	-
			1	83	1015·9	-	42·7	1·1	8·5	91	5·3	5	7	6	6	7	0	0	0	0	1	2	12	14	2	0	0	12	16	3	1	1	0	5	6	8	6	1
			7	83	1016·3	+8·8	42·1	1·2	8·2	90	6·6	0	5	10	10	6	0	0	0	0	0	1	7	12	11	0	0	8	18	5	0	1	1	3	7	7	6	1
Hebrides.	Stornoway ..	..	13	83	1017·0	-	46·9	2·7	8·8	79	6·4	3	4	5	12	7	0	0	0	0	0	1	7	12	9	2	0	15	16	0	0	0	1	6	10	5	7	2
			18	83	1016·6	-	45·2	2·2	8·4	83	7·1	1	5	5	11	9	0	0	0	0	0	0	10	10	11	0	2	14	12	3	0	2	2	2	9	4	5	4
			1	79	1017·3	-	41·2	0·8	8·1	93	7·8	0	2	7	10	12	0	0	0	0	0	0	3	8	20	0	1	14	16	0	1	1	0	5	8	8	6	2
			7	79	1017·4	+10·0	40·7	1·0	8·0	91	8·3	0	0	4	15	12	0	1	0	0	0	0	1	6	23	0	1	15	15	0	0	1	1	5	6	10	5	3
Caithness.	Wick ..	..	13	79	1018·1	-	45·7	2·0	8·9	84	7·6	0	1	7	14	9	0	0	0	0	1	0	1	6	23	0	2	20	9	0	1	0	1	7	9	2	7	4
			18	79	1017·9	-	44·0	1·8	8·3	85	7·7	0	3	5	13	10	0	0	0	0	0	0	2	8	21	0	2	20	9	0	2	0	1	8	9	3	5	3
			7	1180	975·3	-	36·1	1·1	6·3	89	7·7	0	6	0	9	16	0	0	0	0	0	2	5	10	14	0	0	3	17	11	1	0	1	0	6	5	7	0
			13	1180	975·8	-	43·2	3·2	7·0	73	7·4	3	4	2	9	13	0	0	0	0	0	0	4	12	15	0	0	7	23	1	0	1	1	1	13	7	7	0
Inverness.	Dalwhinnie †	..	18	1180	975·6	-	39·8	2·4	6·6	78	7·4	1	5	4	2	19	0	0	0	0	0	0	3	12	16	0	1	9	17	4	1	0	0	2	14	4	5	1
			9	250	1018·2	-	41·7	2·1	7·4	82	4·3	4	9	11	3	4	0	0	0	2	0	1	1	3	14	10	0	11	12	8	2	1	1	0	10	6	3	0
Inverness.	Inverness ..	..	17	250	1017·7	-	45·3	3·1	7·6	75	5·0	6	3	7	12	3	0	0	0	0	1	2	3	2	15	8	0	9	19	3	0	1	2	4	9	8	3	1
1. SCOTLAND, E.			7	85	1018·8	+9·8	41·4	2·1	7·3	82	7·1	0	9	1	10	11	0	0	0	0	3	3	6	6	13	0	0	5	26	0	1	0	2	6	6	5	7	4
			13	85	1019·2	+10·0	47·6	4·3	7·7	69	7·9	0	2	5	14	10	0	0	0	1	0	2	6	3	19	0	0	13	18	0	0	0	3	9	4	4	5	6
Aberdeen.	Aberdeen	H	18	85	1019·3	+10·1	44·7	3·1	7·7	76	7·4	0	5	5	9	12	0	0	0	0	0	4	12	6	9	0	0	10	21	0	0	1	4	6	10	1	6	3
			21	85	1019·6	+10·3	43·2	2·7	7·4	78	7·1	3	6	0	5	17	0	0	0	0	0	4	13	8	6	0	0	8	23	0	1	0	4	7	6	5	6	2
			h.*	85	1019·1	+9·8	43·8	2·8	7·5	77																												
Aberdeen.	Braemar‡ ..	..	9	1108	1019·1	-	38·4	2·1	6·2	80	7·2	3	2	6	7	13	0	0	0	0	0	3	12	13	3	0	0	2	23	6	0	2	3	1	4	13	2	0
Perth.	Crieff ..	..	9	482	1019·1	-	42·3	2·5	7·1	79	8·0	0	4	4	8	15	-	-	-	-	-	-	-	-	-	-	0	13	18	0	1	0	13	0	1	0	16	0
			21	482	1019·4	-	41·6	2·6	7·0	78	6·9	6	4	0	1	20	-	-	-	-	-	-	-	-	-	-	0	9	22	0	1	0	12	1	0	1	15	1
			1	184	1019·1	-	42·2	1·3	8·0	89	7·2	1	7	2	12	9	0	0	0	0	0	1	8	4	18	0	0	8	23	0	0	2	7	4	4	12	2	0
			7	184	1019·5	-	41·2	1·1	7·9	90	8·0	0	2	2	19	8	0	0	0	1	1	2	6	9	12	0	0	11	19	1	0	3	8	2	2	12	3	0
Fife.	Inchkeith ..	..	13	184	1019·9	-	45·8	2·4	8·6	81	7·6	0	2	2	24	3	0	0	0	0	1	2	4	11	13	0	0	9	22	0	0	7	4	1	2	12	4	1
			18	184	1019·6	-	44·3	1·6	8·5	87	8·3	0	1	4	17	9	0	0	0	0	0	1	6	10	14	0	0	12	19	0	0	2	7	4	3	10	5	0
			7	36	1019·4	-	39·9	1·2	7·6	90	7·3	1	4	5	9	12	0	0	1	0	3	2	6	10	8	1	0	4	23	4	1	2	4	1	3	7	8	1
Fife.	Leuchars	H	13	36	1019·8	-	48·4	4·0	8·3	71	7·6	0	3	5	16	7	0	0	0	0	0	1	6	7	16	1	0	11	19	1	0	2	6	5	1	6	7	3
			18	36	1019·6	-	45·3	2·8	8·2	79	8·4	0	3	0	17	11	0	0	0	0	0	1	9	8	12	1	0	6	24	1	1	1	7	5	3	5	6	2
Mid Lothian.	Edinburgh .. (Blackford Hill)		9	441	1020·1	-	42·2	2·2	7·4	81	7·1	0	6	6	7	12	0	1	0	2	3	4	20	1	0	0	0	9	16	6	0	2	4	4	1	6	7	1
			21	441	1020·0	-	41·4	2·1	7·1	81	7·8	2	3	4	3	19	0	0	1	0	1	8	15	4	2	0	0	9	16	6	0	1	4	2	3	5	8	2
6a. SCOTLAND, W.			7	40	1017·7	-	43·1	1·5	8·2	87	6·8	1	4	4	16	6	0	0	0	0	0	1	5	19	4	2	0	19	12	0	0	0	3	8	7	5	7	1
			13	40	1018·3	-	47·9	3·3	8·5	75	6·6	2	5	4	13	7	0	0	0	0	0	2	10	12	4	3	0	23	7	1	0	0	3	7	7	5	5	3
Argyll.	Tiree ..	..	18	40	1017·9	-	45·2	2·0	8·5	84	6·6	1	8	1	12	9	0	0	0	0	0	1	10	14	5	1	0	22	9	0	0	2	1	8	5	8	5	2
			9	187	1019·5	-	43·2	2·0	7·8	83	6·6	0	4	11	13	3	0	0	3	3	0	0	15	5	5	0	0	15	15	1	0	0	11	4	2	3	6	4
Bute.	Rothesay ..	..	21	187	1019·6	-	42·5	1·6	8·1	87	6·3	0	7	4	16	4	0	0	5	1	1	4	7	13	0	0	1	13	14	3	0	0	10	2	4	3	5	4
			7	24	1019·5	-	39·9	1·3	7·4	88	8·2	0	1	6	11	13	0	0	1	4	4	0	5	6	11	0	0	6	17	8	0	0	7	2	1	8	5	0
Renfrew.	Renfrew .. (Abbotsinch)	..	13	24	1019·6	-	47·7	3·9	8·1	71	7·4	1	4	5	12	9	0	0	0	2	1	3	7	6	10	2	0	15	14	2	0	0	6	4	2	3	7	6	1
			18	24	1019·5	-	45·3	3·2	7·5	75	7·8	3	1	2	16	9	0	0	0	0	4	3	10	4	9	1	0	11	19	1	0	1	10	2	2	8	5	2
			7	778	1020·2	-	37·9	1·1	7·0	90	8·3	0	3	2	11	15	0	1	1	0	1	1	12	2	12	1	0	11	16	4	5	4	2	0	4	7	3	2
			13	778	1020·0	-	45·1	3·7	7·4	72	7·9	1	3	3	12	12	0	0	0	0	0	0	8	10	12	1	1	13	16	1	0	5	3	3	6	4	7	2
Dumfries.	Eskdalemuir‡‡	H	18	778	1020·1	-	41·7	2·3	7·2	80	7·9	3	0	4	13	11	0	0	0	1	0	0	12	7	9	2	0	14	16	1	1	4	4	2	3	6	6	4
			21	778	1020·8	-	39·4	1·5	7·1	86	7·4	1	5	3	11	11	0	0	1	0	0	1	15	3	10	1	0	7	19	5	2	5	1	1	4	7	4	2
			h.*	778	1020·1	-	40·6	1·9	7·1	83																												
6b. ISLE OF MAN.																																					
Isle of Man.	Douglas ..	H	9	286	1020·9	+9·4	43·8	2·2	7·9	81	7·0	0	6	2	18	5	0	0	0	0	1	0	4	7	19	0	0	8	23	0	1	1	9	1	5	5	6	3
2. ENGLAND, N.E.			9	331	1020·2	-	42·1	1·5	7·9	87	7·7	1	4	3	6	17	0	1	0	0	3	1	6	5	12	3	0	4	25	2	3	2	4	1	3	5	6	5
Northumberland.	Cockle Park ..		21	331	1020·9	-	40·8	1·9	7·3	83	7·3	0	4	7	7	13	0	0	0	2	1	1	7	7	12	1	0	5	23	3	1	1	4	2	2	6	10	2
			1	122	1019·8	-	42·8	1·8	8·0	85	7·4	3	1	6	7	14	0	0	0	0	1	1	8	18	3	0	0	4	27	0	2	0	5	3	4	6	11	0
			7	122	1019·9	+9·6	42·0	1·7	7·7	85	7·5	0	2	9	10	10	0	0	0	2	6	1	8	11	3	0	0	4	26	1	2	0	5	2	4	8	8	1
Northumberland.	Tynemouth ..		13	122	1020·4	-	47·2	3·0	8·5	77	6·8	0	4	13	5	9	0	0	0	0	0	1	10	12	8	0	0	12	19	0	0	2	7	6	3	2	9	2
			18	122	1020·0	-	45·6	2·5	8·5	81	7·9	0	2	5	17	7	0	0	0	0	0	2	13	12	4	0	0	5	26	0	1	1	7	6	4	1	10	1

* Mean of hourly readings. † Pressure at Station level. ‡ Mean pressure at Station Level is 977·5 mb.
‡‡ Mean pressures at Station Level are 990·8 mb. at 7 h., 991·1 mb. at 13 h., 991·0 mb. at 18 h., and 991·5 mb. at 21 h.

TABLE IV (*continued*).—SUMMARY of the OBSERVATIONS of PRESSURE, TEMPERATURE, HUMIDITY, CLOUD, VISIBILITY and WIND at fixed hours at certain Stations during the month of MARCH, 1935

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.	4 to 7	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.—*cont.*																																			
Durham.	Durham	9	352	(1020·5)	–	42·7	2·3	7·6	80	7·1	4	3	1	9	14	0	0	1	2	6	2	8	8	*4*	*0*	0	6	21	4	1	1	5	2	4	6	5	3
		21	352	1021·0	–	41·5	1·9	7·8	83	7·8	5	0	3	2	21	0	0	0	0	3	3	11	14	*0*	*0*	0	4	24	3	0	2	7	2	5	4	7	1
Yorks., N. Riding	Catterick .. H	7	186	1020·8	–	39·7	1·3	7·4	89	7·7	2	2	4	12	11	0	0	1	2	1	5	*6*	2	*12*	*2*	0	3	22	6	2	1	3	3	3	2	6	5
		13	186	1020·2	–	47·8	3·8	8·2	73	7·8	0	4	2	16	9	0	0	0	0	0	3	*7*	5	*15*	*1*	0	10	21	0	2	3	5	5	2	3	6	5
		18	186	1020·5	–	44·6	2·6	8·1	80	7·9	0	4	3	12	12	0	0	0	0	1	3	*6*	5	*16*	*0*	0	3	24	4	0	5	3	3	2	2	8	4
Yorks., N. Riding.	Scarborough ..	9	96	1020·7	–	45·2	2·7	7·9	78	6·2	0	10	4	15	2	0	3	0	6	0	1	9	9	*3*	*0*	0	5	26	0	1	3	1	11	1	2	5	7
	York	9	53	1021·6	–	43·3	2·5	7·4	79	7·5	5	1	2	5	18	–	–	–	–	–	–	–	–	–	–	0	0	31	0	2	5	4	1	5	5	6	3
		21	53	1021·5	–	43·3	2·5	7·4	79	6·8	9	0	2	1	19	–	–	–	–	–	–	–	–	–	–	0	0	31	0	0	4	4	3	5	4	8	3
Yorks., E. Riding	Spurn Head ..	1	28	1020·3	–	41·5	1·5	7·6	87	6·5	1	8	5	9	8	*0*	*1*	0	0	1	*2*	*7*	18	2	*0*	0	10	15	6	0	0	7	4	4	2	5	3
		7	28	1020·4	+9·6	41·1	1·2	7·8	89	7·5	1	0	9	14	7	*0*	*0*	2	2	3	*3*	*11*	9	1	*0*	0	14	11	6	0	0	6	3	3	4	5	4
		13	28	1021·3	–	46·0	2·8	8·3	78	7·1	0	4	7	15	5	*1*	*1*	0	0	0	*3*	*11*	15	0	*0*	0	12	15	4	1	1	7	5	3	3	4
		18	28	1020·6	–	43·6	2·0	8·2	84	7·8	0	1	5	18	7	*0*	*0*	1	0	1	*2*	*13*	12	2	*0*	0	12	11	8	0	1	8	3	2	1	5	3
Lincoln.	Cranwell .. H	7	243	1021·5	–	38·8	1·1	7·3	90	8·4	2	1	0	17	11	0	2	0	1	*4*	6	14	3	1	*0*	0	7	21	3	3	5	2	1	3	3	10	1
		13	243	1021·5	–	48·8	4·6	8·0	68	7·9	1	2	1	19	8	0	0	0	0	*0*	3	19	6	3	*0*	0	12	19	0	1	6	4	3	1	5	7	4
		18	243	1021·1	–	45·8	3·3	7·9	75	7·5	2	4	2	10	13	0	0	0	0	*1*	2	20	5	3	*0*	0	10	18	3	0	7	5	2	1	2	8	3
3. ENGLAND, E.																																			
Norfolk.	Cromer .. H	9	74	1020·8	–	43·5	1·9	8·2	84	6·9	2	1	10	10	8	0	0	0	1	0	0	*17*	*3*	*10*	*0*	0	9	21	1	2	1	8	2	6	4	4	3
		1	26	1020·8	–	42·0	1·6	7·8	86	4·0	13	4	3	8	3	0	0	0	0	*0*	4	*17*	*9*	1	*0*	0	8	21	2	0	5	5	3	3	5	6	2
Norfolk.	Yarmouth.. ..	7	26	1021·2	+9·5	40·0	1·3	7·4	88	7·3	2	2	5	14	8	0	0	1	0	*3*	2	*21*	*4*	0	*0*	0	11	20	0	0	6	3	4	5	6	5	2
		13	26	1021·6	–	46·2	3·3	7·9	75	7·3	0	2	9	14	6	0	0	0	1	*0*	2	*18*	*10*	0	*0*	0	17	14	0	3	6	4	5	2	6	2	3
		18	26	1021·2	–	45·0	2·6	8·0	79	7·0	2	3	8	10	8	0	1	0	1	*0*	1	*22*	*6*	0	*0*	0	12	18	1	2	6	2	7	4	4	2	3
Suffolk.	Felixstowe Aero.	7	20	1021·4	–	40·1	1·4	7·4	88	6·9	3	4	1	17	6	0	0	1	4	0	6	7	*9*	*4*	*0*	0	10	17	4	3	3	5	3	1	2	6	4
		13	20	1021·6	–	46·6	3·9	7·7	71	6·4	2	6	3	13	7	0	0	0	0	0	6	8	*12*	*5*	*0*	0	13	18	0	1	7	2	5	6	4	2	4
		18	20	1021·2	–	44·1	2·4	7·9	81	6·0	5	5	4	10	7	0	0	0	0	4	5	15	*7*	*0*	*0*	0	9	19	3	1	8	3	5	3	5	2	1
Cambridge.	Cambridge H	9	43	1021·8	+8·9	43·3	2·3	7·9	82	6·6	5	1	6	9	10	–	–	–	–	–	–	–	–	–	–	0	1	30	0	0	6	3	3	3	6	3	7
		21	43	1021·6	+8·6	41·7	1·5	8·0	88	4·9	15	0	0	3	13	–	–	–	–	–	–	–	–	–	–	0	0	25	6	0	3	6	1	3	6	5	1
Hertford.	Rothamsted ..	9	396	1021·3	–	42·0	2·0	7·5	83	6·1	4	6	4	7	10	0	0	0	*0*	0	*15*	*16*	*0*	*0*	*0*	0	6	13	12	1	5	1	0	3	2	5	2
Essex.	Shoeburyness H	7	14	1021·4	–	39·3	1·0	7·5	91	7·0	2	6	0	14	9	0	0	1	1	4	5	11	7	2	0	0	6	25	0	1	4	4	2	3	4	7	6
		13	14	1021·7	–	48·2	3·5	8·7	75	7·3	3	1	5	14	8	0	0	0	0	3	3	14	10	1	0	0	8	22	1	1	5	5	5	2	3	4	5
		18	14	1021·2	–	45·0	2·2	8·5	83	6·0	3	8	3	10	7	0	0	0	0	2	8	7	11	3	0	0	6	24	1	1	7	4	1	4	7	4	2
4. MIDLAND COUNTIES.																																			
Yorks., W. Riding.	Harrogate ..	7	478	1021·3	–	39·0	1·2	7·2	89	7·3	1	7	0	15	8	0	2	*1*	2	2	5	4	*6*	4	5	0	0	25	6	1	2	4	1	2	11	4	0
		13	478	1021·1	–	46·6	4·0	7·7	69	7·3	0	6	2	17	6	0	0	*2*	0	1	6	2	*8*	4	8	0	4	27	0	2	2	5	3	5	6	8	0
		18	478	1020·9	–	43·8	2·6	7·7	79	7·4	0	8	0	10	13	0	0	*1*	1	3	7	3	*9*	6	1	0	1	28	2	1	0	6	4	3	10	5	0
Nottingham.	Nottingham ..	9	215	1021·2	–	43·0	2·3	7·6	80	7·2	1	6	2	10	12	0	1	1	5	14	1	7	2	*0*	*0*	0	1	30	0	2	4	4	2	1	3	15	0
Warwick.	Birmingham H	7	542	1021·7	–	39·3	1·0	7·5	90	7·1	2	3	6	12	8	0	0	1	2	6	10	5	2	*5*	*0*	0	2	29	0	1	6	3	1	4	7	4	5
		13	542	1021·2	–	47·4	4·3	7·8	69	6·4	2	4	6	16	3	0	0	0	1	4	10	9	1	*6*	*0*	0	5	26	0	2	5	3	3	2	5	7	4
		18	542	1021·0	–	46·6	4·1	7·3	70	6·2	2	6	7	10	6	0	0	0	1	2	8	12	2	*6*	*0*	0	9	22	0	3	2	6	3	2	3	7	5
Oxford.	Oxford	9	212	1022·1	+8·6	42·4	2·3	7·3	80	7·3	2	5	2	9	13	0	2	*1*	1	3	2	15	3	4	*0*	0	6	22	3	2	8	1	0	4	5	6	2
Shropshire.	Shrewsbury H	9	186	1021·5	–	43·1	2·3	7·7	82	7·4	2	2	5	10	12	0	1	1	1	2	4	4	0	18	*0*	0	7	14	10	0	1	5	0	4	1	8	2
Hereford.	Ross-on-Wye H	7	226	1021·4	–	39·6	1·5	7·3	86	7·5	0	4	5	12	10	*0*	*3*	1	0	5	3	4	9	6	*0*	0	2	25	4	1	6	4	1	2	9	3	1
		13	226	1020·8	–	49·3	5·0	7·9	65	6·8	2	5	3	12	9	*0*	*0*	0	0	1	3	10	10	6	*1*	0	4	27	0	5	4	6	1	2	6	4	3
		18	226	1020·7	–	47·2	4·0	8·0	70	6·0	2	8	4	10	7	*0*	*0*	0	0	1	3	8	7	11	*1*	0	5	26	0	0	3	9	2	1	6	8	2
		21	226	1021·4	–	43·1	2·5	7·7	79	5·0	6	10	0	6	9	*0*	*0*	0	1	4	3	12	4	7	*0*	0	2	27	2	0	7	5	3	1	9	4	0
Gloucester.	Cheltenham H	9	230	1022·3	–	43·9	2·7	7·6	78	6·9	4	2	4	15	6	0	*0*	0	4	3	10	3	10	*1*	0	0	0	27	4	1	4	3	2	1	8	6	2
		21	230	1021·8	–	42·6	1·8	8·0	85	5·5	5	4	9	7	6	0	*0*	0	1	0	8	5	13	*4*	0	0	1	30	0	1	5	2	2	1	8	8	4
5. ENGLAND, S.E.																																			
London.	*g*Greenwich H	9	152	1022·0	+8·2	43·7	2·4	7·9	81	7·4	5	0	4	10	12	0	0	1	4	9	5	12	0	0	*0*	0	7	24	0	2	4	5	1	4	8	4	3
		15	152	1020·9	+8·0	50·5	5·7	7·9	63	6·9	5	3	1	10	12	0	0	0	1	3	3	23	1	0	*0*	0	15	15	1	3	4	4	2	4	6	5	2
		21	152	1021·7	+8·0	43·7	2·4	7·8	81	6·5	6	4	1	7	13	0	0	0	0	6	9	16	0	0	*0*	0	6	25	0	0	6	5	3	4	5	6	2
		h.*	152	1021·4	+8·0	44·1																													
London.	Kew Observatory H	7	34	1021·7	+8·3	40·2	1·7	7·2	85	8·3	3	0	2	12	14	0	3	1	1	2	16	2	4	2	*0*	0	4	23	4	1	6	4	0	1	5	9	1
		13	34	1021·6	+8·3	49·1	5·3	7·4	62	7·2	3	3	4	10	11	0	0	1	0	3	2	15	8	2	*0*	0	8	23	0	5	5	3	0	3	8	5	2
		18	34	1021·2	+8·0	47·9	4·5	7·7	67	6·8	3	4	5	6	13	0	0	0	2	5	13	11	0	0	*0*	0	7	23	1	1	6	3	3	2	5	9	1
		21	34	1021·8	+8·1	44·5	2·8	7·7	77	5·8	9	3	0	10	9	0	0	0	0	3	16	6	3	3	*0*	0	4	27	0	2	4	5	2	4	6	7	1
		h.*	34	1021·4	+8·0	44·5	3·2	7·7	76																										
London.	Kensington ..	9	66	1021·9	–	43·1	2·2	7·6	81	7·2	4	1	3	14	9	0	0	0	4	13	*10*	4	0	*0*	*0*	0	2	29	0	0	8	2	2	0	5	7	7
		15	—	–	–	50·3	5·4	7·9	65	6·5	5	3	5	8	10	–	–	–	–	–	–	–	–	–	–	0	2	29	0	0	2	9	0	0	1	11	2
		18	—	–	–	49·0	4·9	7·7	65	6·6	4	3	7	4	13	–	–	–	–	–	–	–	–	–	–	0	3	28	0	2	7	1	3	2	6	6	5
London.	Stroud Green ..	7	237	1021·8	–	40·4	1·3	7·4	88	8·2	3	0	2	14	12	0	1	1	2	5	8	10	3	*1*	*0*	0	4	25	2	1	6	3	2	0	8	6	3
Surrey.	Croydon Aero. H	1	225	1021·1	–	40·3	1·4	7·6	87	5·7	8	3	3	11	6	0	0	0	1	1	10	11	6	*2*	*0*	0	5	24	2	0	4	5	3	3	6	8	0
		7	225	1021·7	–	39·3	1·1	7·5	90	8·0	2	3	1	12	13	0	0	0	0	2	1	12	5	*1*	*0*	0	6	24	1	1	5	3	2	4	5	9	1
		13	225	1021·7	–	48·9	5·1	7·7	64	7·0	2	6	2	10	11	0	0	0	0	2	2	1	8	6	*2*	0	0	24	1	1	6	2	2	4	6	8	2
		18	225	1021·2	–	47·0	3·8	8·0	71	6·6	2	7	3	13	6	0	0	0	2	4	6	17	2	*0*	*0*	0	13	18	0	1	6	2	2	4	6	8	2
Surrey.	Wisley	9	85	1021·6	–	43·4	2·4	7·5	79	7·8	2	2	4	10	13	0	0	1	2	2	5	16	5	*0*	*0*	0	10	20	1	0	5	7	1	4	5	7	1
																										0	3	28	0	3	2	3	2	2	6	7	6

* Mean of hourly readings. *g* Temperature from thermometers on a Glaisher stand.

TABLE IV (*continued*).—SUMMARY of the OBSERVATIONS of PRESSURE, TEMPERATURE, HUMIDITY, CLOUD, VISIBILITY and WIND at fixed hours at certain Stations during the month of MARCH, 1935

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.	4 to 7	1 to 3	Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
5. ENGLAND, S.E.—*cont.*	G.M.T.	ft.	mb.	mb.	°F.	°F.	mb.	%																										
	7	572	1022·0	-	39·2	1·4	7·2	87	7·8	3	2	1	12	13	0	4	1	1	0	3	6	*14*	2	*0*	0	6	23	2	1	5	3	2	6	4	6	2
Kent. Biggin Hill H	13	572	1021·8	-	47·3	4·5	7·6	68	6·8	2	5	5	10	9	0	0	0	2	0	1	10	*15*	3	*0*	0	8	23	0	3	7	2	2	4	5	6	2
	18	572	1021·6	-	44·4	3·2	7·6	75	6·5	3	5	4	12	7	0	0	1	0	1	3	5	*19*	2	*0*	0	9	22	0	2	7	3	3	4	7	4	1
	7	—	-	-	40·0	0·7	7·8	93	7·0	1	5	5	16	4	*0*	0	0	2	2	10	10	*7*	*0*	0	0	5	26	0	1	5	4	3	2	5	4	7
Kent. Dungeness ..	13	—	-	-	46·2	2·6	8·4	80	7·0	3	2	5	20	1	*0*	0	1	1	2	2	20	*5*	*0*	0	0	9	22	0	1	5	5	3	1	12	2	2
	18	—	-	-	44·3	1·6	8·5	87	7·1	2	2	7	15	5	*0*	0	1	1	2	3	14	*10*	*0*	0	0	13	18	0	1	7	4	2	2	13	2	0
	1	345	1021·1	-	39·4	1·5	7·2	86	5·2	10	4	1	7	9	0	0	2	*1*	1	9	*7*	7	3	1	0	5	25	1	2	6	6	2	1	3	5	5
Kent. Lympne .. H	7	345	1021·6	-	38·9	1·4	7·1	87	6·4	3	7	3	8	10	0	0	0	*4*	*0*	2	11	*9*	4	1	0	9	21	1	4	5	3	5	0	3	4	6
	13	345	1021·9	-	46·0	3·6	7·8	73	6·9	5	1	5	11	9	0	0	0	*1*	1	5	*14*	9	1	0	0	11	20	0	5	5	3	1	5	9	2	1
	18	345	1021·6	-	43·6	2·7	7·6	77	5·9	4	6	3	11	7	0	0	0	*1*	3	6	*10*	9	2	0	0	9	21	1	2	8	2	3	3	10	2	0
	7	141	1021·1	-	40·0	1·1	7·7	90	6·6	3	4	6	9	9	0	0	0	*2*	0	1	13	*10*	*5*	*0*	0	9	22	0	4	6	1	4	2	6	4	4
Kent. Manston	13	141	1021·4	-	47·5	3·8	8·3	73	6·6	4	3	3	16	5	0	0	0	0	0	3	9	*14*	*5*	*0*	0	18	13	0	1	4	3	5	4	5	5	4
	18	141	1021·1	-	44·2	2·3	8·2	80	5·4	5	6	6	7	7	0	0	0	0	0	4	12	*11*	*4*	*0*	0	12	16	3	3	6	3	2	5	7	2	0
Kent. Tunbridge Wells ..	9	407	1022·1	-	42·7	1·7	8·0	85	6·3	4	5	4	5	13	0	0	*0*	0	3	10	11	7	0	*0*	0	4	27	0	1	8	1	3	0	3	3	12
Sussex. Brighton .. H	9	48	1021·9	-	43·1	1·7	8·2	85	6·0	8	1	7	2	13	0	0	1	0	8	6	10	4	2	*0*	0	2	27	2	2	4	5	5	3	7	3	0
	9	174	1021·3	-	42·5	1·7	8·1	86	6·8	5	3	2	10	11	0	0	1	0	3	6	20	*1*	*0*	*0*	0	7	24	0	3	5	2	6	1	5	6	3
Sussex. St. Leonards H	21	174	1021·5	-	42·4	1·7	7·9	85	5·1	12	2	2	3	12	0	0	0	0	2	5	24	*0*	*0*	*0*	0	5	25	1	0	6	3	4	1	10	5	1
	7	15	1021·6	-	39·5	0·9	7·5	92	7·8	2	1	4	13	11	0	2	2	2	3	4	9	7	2	*0*	0	6	20	5	5	4	4	0	1	2	8	2
Hampshire. Calshot	13	15	1021·7	-	47·3	3·1	8·5	76	6·2	2	8	2	11	8	0	0	0	0	2	5	9	7	8	*0*	0	13	17	1	2	4	5	4	5	4	3	3
	18	15	1021·2	-	45·3	2·3	8·4	81	5·6	1	10	6	4	10	0	0	0	2	2	3	7	13	4	*0*	0	12	18	1	1	7	2	3	2	11	3	1
	9	84	1022·1	+7·9	42·6	1·6	8·1	87	7·6	2	2	5	8	14	0	2	1	5	3	*18*	2	0	0	*0*	0	0	31	0	1	6	1	6	0	3	7	7
Hampshire. Southampton ..	21	84	1022·4	+8·5	43·3	1·7	8·0	85	6·7	8	2	1	0	20	0	4	2	4	2	*12*	7	0	0	*0*	0	0	31	0	0	6	2	4	0	9	6	4
	7	256	1021·7	-	38·4	1·0	7·3	91	8·3	3	1	0	15	12	0	1	2	5	4	5	7	7	*0*	*0*	0	4	23	4	2	4	2	4	2	1	9	3
Hampshire. S. Farnborough H	13	256	1021·5	-	49·8	5·4	7·8	64	7·0	1	4	7	14	5	0	0	0	0	1	4	10	11	*5*	*0*	0	9	22	0	2	6	2	2	2	6	7	4
	18	256	1021·1	-	46·9	3·9	7·9	71	6·6	3	5	3	10	10	0	0	0	1	1	10	9	8	*2*	*0*	0	4	26	1	0	7	3	4	1	5	7	3
	9	80	1021·9	-	44·2	2·0	8·2	84	7·0	1	5	3	11	11	-	-	-	-	-	-	-	-	-	-	0	5	26	0	3	4	6	3	0	0	11	4
I. of Wight. Ventnor (Hosp.) ..	15	80	1020·8	-	47·4	3·3	8·3	75	6·2	2	9	3	6	11	-	-	-	-	-	-	-	-	-	-	0	6	25	0	1	2	7	2	2	0	14	3
	7	418	1021·7	-	38·3	0·5	7·6	94	8·3	2	2	0	12	15	0	4	1	1	4	7	8	4	*2*	*0*	0	4	24	3	2	5	3	3	3	2	5	5
Wilts. Amesbury H (Boscombe Down)	13	418	1021·4	-	48·8	4·0	8·5	72	7·4	2	3	4	14	8	0	0	0	0	0	2	14	9	*6*	*0*	0	10	20	1	3	6	2	3	1	8	4	3
	18	418	1021·0	-	45·6	2·4	8·6	82	5·5	2	10	4	10	5	0	0	0	0	0	4	16	9	*2*	*0*	0	7	23	1	2	6	3	4	2	2	9	2
	9	444	1021·9	-	41·6	1·6	7·8	85	7·4	3	2	4	10	12	0	1	2	1	4	0	11	4	8	*0*	0	10	17	4	2	4	5	2	2	3	6	3
Wilts. Larkhill .. H	13	444	1021·4	-	48·7	4·8	7·8	66	6·6	2	5	4	13	7	0	0	0	0	0	2	8	6	15	*0*	0	12	18	1	2	5	3	2	2	6	6	4
	15	444	1020·8	-	49·0	5·0	7·8	65	5·6	2	8	6	9	6	0	0	0	0	0	1	7	7	16	*0*	0	9	20	2	2	4	4	2	2	3	8	4
7a. ENGLAND, N.W.																																		
Lancashire. Hutton	9	86	-	-	43·8	1·9	8·3	85	7·2	1	2	7	11	10	-	-	-	-	-	-	-	-	-	-	0	1	29	1	0	3	6	4	4	5	4	4
	7	83	1021·3	-	40·3	1·2	7·7	89	7·9	0	2	5	13	11	0	3	1	3	4	*8*	7	5	0	0	0	7	20	4	1	2	6	4	5	2	4	3
Lancashire. Manchester H (Barton)	13	83	1021·2	-	48·2	4·4	7·9	69	7·5	2	3	4	11	11	0	0	0	1	1	*5*	10	9	5	0	0	21	10	0	0	0	7	2	3	5	8	6
	18	83	1020·8	-	46·2	3·2	8·1	75	7·4	2	4	1	15	9	0	0	0	1	5	*2*	15	8	0	0	0	12	19	0	1	0	7	5	3	1	5	9
	9	127	1021·4	-	44·8	2·7	7·9	78	7·7	1	3	4	12	11	-	-	-	-	-	-	-	-	-	-	0	5	26	0	1	0	7	4	7	5	5	2
Lancashire. Manchester (Whitworth Pk.)	21	127	1021·3	-	44·2	2·4	7·9	80	5·6	4	9	1	9	8	-	-	-	-	-	-	-	-	-	-	0	3	28	0	1	1	7	5	4	3	6	4
	9	35	1021·4	+9·0	43·9	2·0	8·3	83	7·2	0	4	8	7	12	0	1	1	1	2	9	4	6	7	*0*	0	12	18	1	0	0	9	1	4	4	8	4
Lancashire. Southport * H	13	35	1020·8	+8·4	48·0	4·0	8·1	71	7·5	1	4	3	11	12	0	0	0	0	2	5	7	6	11	*0*	0	16	15	0	0	0	7	3	3	5	12	1
(Bedford Rd. Park)	18	35	1020·5	+8·5	45·4	2·5	8·4	80	8·0	0	4	4	7	16	0	0	0	0	6	9	5	8	3	*0*	0	13	17	1	0	1	8	4	1	5	9	2
	21	35	1021·0	+8·7	43·1	1·8	8·1	84	6·6	4	7	0	8	12	0	0	0	0	4	15	6	6	0	*0*	0	12	19	0	0	0	8	6	4	1	9	3
	9	381	1021·9	-	42·6	2·0	7·8	83	8·5	1	0	2	13	15	0	0	0	2	0	2	22	*4*	*1*	*0*	0	13	17	1	4	5	6	1	2	7	4	1
Lancashire. Stonyhurst ..	21	381	1021·6	-	42·0	1·9	7·6	83	7·9	3	1	4	5	18	0	0	0	0	0	3	12	*15*	*1*	*0*	0	8	23	0	4	9	3	1	0	4	9	1
	7	202	1021·1	+9·4	41·4	1·5	7·6	87	7·5	2	2	4	13	10	*0*	0	2	1	5	3	4	*5*	11	0	0	11	18	2	0	1	4	5	3	4	10	2
Cheshire. Bidston Obs'y. ..	13	202	1021·1	-	46·7	3·5	8·1	73	6·7	2	5	5	13	6	*0*	0	0	0	0	4	6	*6*	13	2	0	19	11	1	0	1	5	5	2	2	10	5
	18	202	1020·8	-	46·0	2·9	8·2	77	7·3	2	5	2	13	9	*0*	0	0	0	4	5	4	*5*	12	1	1	15	12	3	0	2	6	5	0	2	7	6
	21	202	1021·4	-	43·9	2·4	7·9	80	6·0	5	6	4	5	11	*0*	0	0	0	1	5	8	*5*	12	0	0	15	15	1	0	2	7	5	2	4	8	2
7b. NORTH WALES.																																		
	7	19	1021·5	-	39·7	1·4	7·4	88	7·9	1	1	5	15	9	0	4	0	2	8	2	11	*4*	*0*	*0*	0	4	25	2	1	1	2	8	7	3	4	3
Flint. Sealand .. H	13	19	1021·5	-	49·3	4·8	8·0	65	7·3	1	2	6	17	5	0	0	0	0	3	5	8	*14*	*1*	*0*	0	13	18	0	2	0	3	5	5	2	3	11
	18	19	1021·1	-	47·0	3·5	8·2	74	7·7	2	2	3	12	12	0	0	0	0	3	5	13	*10*	*0*	*0*	0	8	22	1	4	0	5	6	2	1	7	5
	1	29	1020·0	-	44·4	1·7	8·6	85	6·1	3	7	5	6	10	0	0	0	0	0	3	8	17	3	0	0	15	13	3	0	0	6	3	5	7	4	3
Anglesey. Holyhead .. H	7	29	1020·4	+8·7	43·2	1·5	8·5	88	6·6	3	6	3	8	11	0	0	0	0	0	4	7	6	13	1	0	17	12	2	1	0	7	2	6	4	5	4
	13	29	1020·6	-	48·0	3·2	8·7	76	6·6	3	3	8	8	9	0	0	0	1	0	2	8	5	15	0	0	15	15	1	1	0	6	1	6	6	5	5
	18	29	1020·3	-	46·4	2·6	8·6	79	7·3	2	3	5	12	9	0	0	0	0	1	1	7	6	15	1	0	14	16	1	1	1	7	0	5	10	4	2
Carnarvon. Llandudno ..	9	33	1021·8	-	44·6	2·5	8·1	80	6·3	4	3	5	15	4	0	0	0	0	0	1	4	4	*21*	*1*	0	5	26	0	0	1	10	3	5	4	8	0
8a. SOUTH WALES.																																		
	1	152	1019·9	-	43·4	1·5	8·2	87	6·7	1	9	5	1	15	0	3	0	0	1	*0*	11	16	0	*0*	-	-	-	-	-	-	-	-	-	-	-	-
Pembroke. St. Ann's Head ..	7	152	1020·1	+7·9	42·7	1·2	8·4	90	9·2	0	0	2	9	20	0	0	0	0	1	*1*	13	15	1	*0*	-	-	-	-	-	-	-	-	-	-	-	-
	13	152	1020·5	-	47·0	2·6	8·8	80	7·5	0	3	9	8	11	0	0	1	0	1	*4*	9	14	2	*0*	-	-	-	-	-	-	-	-	-	-	-	-
	18	152	1020·0	-	45·6	2·1	8·8	83	8·0	0	2	8	12	11	0	2	0	0	0	*1*	15	9	4	*0*	-	-	-	-	-	-	-	-	-	-	-	-

* Pressure and visibility at Hesketh Park; wind at Marshside; other readings at Bedford Road Park.

TABLE IV (*continued*).—SUMMARY of the OBSERVATIONS of PRESSURE, TEMPERATURE, HUMIDITY, CLOUD, VISIBILITY and WIND at fixed hours at certain Stations during the month of MARCH, 1935

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.	4 to 7	1 to 3	Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
8a. SOUTH WALES—*cont.*	G.M.T.	ft.	mb.	mb.	°F.	°F.	mb.	%																										
Radnor. Rhayader	9	—	–	–	41·1	11·9	7·3	83	7·3	0	3	9	12	7	1	0	0	1	2	1	6	13	*7*	*0*	0	1	30	0	0	5	7	2	4	2	11	0
Glamorgan. Cardiff	9	216	1021·8	–	42·8	1·6	8·1	87	6·8	6	1	5	6	13	0	0	0	1	8	7	10	*5*	*0*	*0*	0	11	20	0	1	8	3	2	1	8	8	0
	21	216	1021·8	-	42·8	1·6	8·1	87	4·8	15	0	2	1	13	0	0	1	1	0	0	23	*6*	*0*	*0*	0	1	30	0	0	2	10	1	1	1	14	2
8b. ENGLAND, S.W.																																		
Somerset. Bath	9	113	1021·8	–	44·1	2·1	8·1	83	6·9	4	5	1	5	16	0	0	0	2	3	10	*13*	*3*	*0*	*0*	0	5	23	3	1	6	4	2	0	1	11	3
Dorset. Holton Heath H	9	58	1022·1	–	43·7	1·7	8·5	87	7·6	3	1	6	6	15	0	0	0	2	3	6	9	11	*0*	*0*	0	7	23	1	4	5	3	3	2	3	6	4
	15	58	1021·2	–	50·3	4·0	9·1	74	6·3	4	6	5	6	10	0	0	0	0	0	3	11	13	*4*	*0*	0	14	17	0	3	4	2	3	3	7	5	4
Dorset. Portland Bill ..	1	37	1020·4	–	42·8	1·1	8·5	91	6·0	9	2	2	5	13	0	1	1	*0*	0	1	*2*	*21*	*5*	*0*	0	12	19	0	2	5	6	3	1	2	7	5
	7	37	1021·4	+9·1	42·5	1·0	8·6	91	7·1	2	3	6	7	13	0	0	1	*0*	0	0	*5*	*22*	*3*	*0*	0	13	18	0	2	5	7	2	2	0	7	6
	13	37	1021·6	–	46·1	1·6	9·2	87	6·6	3	4	6	7	11	0	0	0	*0*	0	0	*4*	*23*	*4*	*0*	0	15	16	0	0	5	7	2	2	3	6	6
	18	37	1021·0	–	45·1	1·4	9·0	89	6·6	4	4	3	10	10	0	0	2	*0*	0	0	*6*	*19*	*4*	*0*	0	15	16	0	1	5	6	4	1	2	9	3
Devon. Plymouth (Mount Batten) H	7	27	1021·5	–	40·4	1·1	7·9	90	6·6	3	6	2	15	5	0	1	1	1	1	4	10	5	8	*0*	0	9	18	4	3	8	4	2	0	0	5	5
	13	27	1021·6	–	47·8	3·1	8·8	77	6·8	4	3	2	17	5	0	0	0	1	0	3	10	5	12	*0*	0	16	15	0	1	2	6	3	6	7	1	5
	18	27	1021·2	–	46·3	2·4	8·8	81	7·3	2	3	3	16	7	0	0	2	0	0	3	17	6	3	*0*	0	15	16	0	0	5	3	2	6	5	4	6
Cornwall. The Lizard ..	1	240	1021·0	–	43·3	1·0	8·6	91	6·2	5	7	2	3	14	0	1	2	0	1	1	1	*8*	*17*	0	1	14	14	2	1	4	6	2	2	2	7	5
	7	240	1021·3	–	42·9	1·0	8·6	91	8·2	0	3	3	13	12	0	3	0	0	0	3	1	*9*	*15*	*0*	0	16	13	2	1	4	5	6	1	1	8	3
	13	240	1021·6	–	47·5	1·8	9·5	86	7·6	0	3	7	9	12	0	3	0	0	1	2	0	*10*	*15*	*0*	0	19	12	0	1	3	8	3	3	5	5	3
	18	240	1021·3	–	45·4	1·7	8·7	87	7·8	0	5	2	14	10	0	1	3	0	0	0	1	*8*	*18*	0	1	16	9	5	1	4	7	0	1	2	9	2
Cornwall. Newquay ..	9	161	1021·8	–	42·6	0·9	7·7	92	6·4	4	6	3	5	13	0	0	3	0	0	1	15	*5*	7	*0*	0	18	12	1	1	3	1	8	7	2	5	3
9. IRELAND, N.																																		
Sligo. Markree Castle ..	9	127	1019·4	–	43·0	1·8	8·0	83	6·8	4	1	11	1	14	0	*0*	3	0	0	*0*	*7*	7	14	*0*	0	1	20	10	1	2	1	6	3	6	1	1
	21	127	1019·2	–	44·7	2·0	8·5	84	6·1	5	4	5	6	11	0	*0*	0	0	0	*0*	*4*	7	20	*0*	0	2	23	6	0	1	1	6	4	5	4	4
Mayo. Blacksod Point ..	1	28	1018·1		45·4	2·1	8·4	83	5·5	5	7	7	1	11	0	0	0	0	0	0	0	16	15	*0*	0	14	14	3	0	0	8	1	5	7	6	1
	7	28	1018·0	–	44·6	1·8	8·7	85	7·0	3	3	8	3	14	0	0	0	0	0	0	0	19	11	*1*	0	13	17	1	1	0	9	1	6	4	8	1
	13	28	1018·3	–	48·1	2·6	9·2	80	7·2	2	5	3	6	15	0	0	0	0	0	0	0	16	14	*1*	0	18	12	1	0	0	10	2	5	6	6	1
	18	28	1018·1	–	47·5	2·4	9·0	82	7·1	1	7	3	6	14	0	0	0	0	0	0	0	15	15	*1*	0	13	18	0	1	1	9	1	6	7	4	2
Donegal. Malin Head ..	1	83	1017·7	–	43·3	0·9	8·7	93	6·7	0	10	1	12	8	0	0	0	0	0	2	3	26	0	*0*	0	5	25	1	0	0	3	2	14	2	8	1
	7	83	1017·7	+8·6	43·3	0·9	8·7	94	7·3	0	8	0	18	5	0	0	0	0	1	1	3	22	4	*0*	0	16	15	0	0	0	7	1	12	5	6	0
	13	83	1018·2	–	47·6	1·7	9·9	87	7·5	0	7	0	20	4	0	0	0	0	1	0	5	19	6	*0*	0	20	11	0	0	0	7	1	11	4	8	0
	18	83	1018·0	–	46·7	1·3	9·9	90	7·3	0	8	1	12	10	0	0	0	0	1	1	3	23	3	*0*	0	13	18	0	1	1	5	4	3	6	10	1
Antrim. Aldergrove H	7	245	1020·1	–	40·5	1·3	7·7	89	8·1	0	4	2	11	14	0	0	2	2	0	1	8	8	9	1	0	9	21	1	0	2	6	3	10	6	3	0
	13	245	1020·0	–	48·2	3·5	8·6	74	8·4	0	3	1	16	11	0	0	0	0	0	3	5	2	19	2	0	19	12	0	0	0	6	5	5	10	4	1
	18	245	1019·7	–	45·8	2·7	8·4	79	7·4	1	5	2	14	9	0	0	0	0	0	2	8	4	15	2	0	10	19	2	0	3	5	3	8	6	3	1
Down. Donaghadee ..	7	26	1019·7	+8·3	42·5	1·4	8·3	88	7·6	0	4	7	16	4	0	0	0	3	0	0	1	*12*	*15*	*0*	0	4	25	2	0	0	0	8	2	6	10	3
	13	26	1020·1	–	48·2	3·1	8·7	77	7·4	0	2	8	19	2	0	0	0	0	0	0	3	*5*	*23*	*0*	0	3	28	0	1	0	2	7	4	7	4	6
	18	26	1019·6	–	46·6	2·4	9·0	81	7·0	1	3	6	19	2	0	0	0	1	0	0	1	*9*	*20*	*0*	0	5	25	1	1	2	1	7	5	5	4	5
	21	26	1020·0	–	44·7	1·8	8·7	85	6·7	3	1	10	13	4	0	0	0	2	0	0	1	*7*	*21*	*0*	0	3	24	4	1	2	0	9	1	8	3	3
Armagh. Armagh .. H	9	209	1019·9	+8·7	43·4	1·8	8·3	85	6·6	2	8	2	7	12	*0*	*0*	0	0	0	1	*4*	*5*	21	*0*	0	8	23	0	0	1	5	4	6	13	2	0
	21	209	1019·9	+8·6	43·6	2·0	8·2	84	6·0	8	1	4	6	12	*0*	*0*	0	0	0	4	*16*	*8*	3	*0*	0	6	25	0	0	1	7	4	4	10	5	0
10. IRELAND, S.																																		
Dublin. Glasnevin ..	9	56	(1020·8)	–	45·1	2·1	8·4	83	6·3	4	0	11	10	6	0	1	*1*	*4*	*8*	*10*	*3*	*0*	*4*	*0*	0	3	28	0	0	5	2	3	0	5	11	5
	21	56	(1020·7)	–	45·6	2·5	8·5	81	5·6	9	1	6	4	11	0	0	6	*2*	*10*	*6*	*2*	*0*	*5*	*0*	0	4	27	0	0	7	0	3	0	4	12	5
Offaly. Birr Castle ..	7	193	1019·8	+7·9	40·6	0·9	8·1	92	6·8	4	3	4	10	10	0	*0*	0	0	2	0	*0*	*15*	*14*	*0*	0	0	30	1	0	2	1	6	7	8	5	1
	13	193	1020·0	–	49·3	3·5	8·8	74	8·1	0	2	6	15	8	0	*0*	0	0	0	*0*	*0*	*12*	*19*	*0*	0	0	31	0	0	2	1	5	9	10	3	1
Waterford. Seskin, Carrick-on-Suir	18	193	1019·4	–	48·5	3·1	9·1	77	7·5	2	3	2	14	10	0	*0*	0	0	0	*0*	*0*	*14*	*17*	*0*	0	0	31	0	0	2	1	5	8	9	5	1
	9	521	1020·7	–	43·7	1·5	8·6	87	6·5	3	5	6	7	10	0	2	0	*0*	2	1	4	*4*	14	4	0	4	22	5	3	1	3	3	5	2	4	5
	21	521	1021·1	–	42·8	1·4	8·3	88	6·4	4	4	6	5	12	0	1	0	*1*	1	1	5	*4*	7	11	0	8	16	7	0	1	2	6	5	6	2	2
Kerry. Cahirciveen H (Valentia Obs.)	7	45	1019·7	+7·4	45·6	2·6	8·2	80	7·5	0	3	9	7	12	0	0	0	0	0	1	*3*	7	*19*	*1*	0	17	12	2	0	2	6	4	9	5	1	2
	13	45	1020·1	+7·2	50·0	3·6	9·1	75	7·2	0	5	7	9	10	0	0	0	0	0	0	*3*	5	*19*	*4*	0	16	15	0	1	2	2	7	8	7	3	1
	18	45	1020·1	+7·5	48·6	3·3	8·8	76	7·4	1	4	3	15	8	0	0	0	0	1	0	*1*	8	*19*	*2*	0	14	17	0	0	2	1	6	8	7	5	2
	21	45	1020·9	+7·9	47·5	2·8	8·8	79	7·5	0	6	3	11	11	0	0	0	0	0	0	*3*	11	*16*	*1*	0	17	13	1	0	1	2	7	8	7	3	2
	h.*	45	1020·1	+7·4	47·5	2·9	8·7	78																											
Cork. Roche's Point ..	7	24	1020·7	+8·0	44·4	1·5	8·6	87	7·0	0	5	8	12	6	0	0	1	0	0	2	3	*4*	*21*	*0*	0	8	23	0	1	2	2	7	3	5	6	5
	13	24	1021·1	–	48·3	2·2	9·5	83	7·0	0	2	10	16	3	0	0	0	1	0	0	2	*5*	*21*	*2*	0	7	24	0	0	0	4	7	4	7	6	3
	18	24	1020·7	–	47·3	1·9	9·4	85	7·1	0	4	6	17	4	0	0	0	0	0	3	3	*5*	*20*	*0*	0	5	26	0	0	0	3	7	3	8	7	3
11. CHANNEL I. & SCILLY.																																		
Scilly. St. Mary's.. ..	1	199	1021·2	–	44·2	1·4	8·7	88	6·5	4	5	3	6	13	0	3	0	0	0	1	11	*7*	*9*	0	0	13	17	1	2	4	5	4	3	3	5	4
	7	199	1021·4	+8·6	43·9	1·2	8·9	91	7·5	0	5	5	11	10	0	1	1	1	1	1	6	*16*	*4*	0	0	18	11	2	1	2	4	7	2	3	5	5
	13	199	1021·9	–	48·7	2·6	9·6	81	7·5	0	4	5	16	6	0	1	1	1	1	0	6	*16*	*5*	0	0	19	12	0	1	3	6	7	2	1	7	4
	18	199	1021·5	–	46·2	2·0	8·9	84	7·4	1	3	3	18	6	0	1	1	1	1	1	9	*12*	*5*	0	1	15	15	0	2	5	4	4	2	3	8	3
Guernsey. St. Peter Port H	1	186	1020·8	–	43·9	1·2	8·9	90	6·3	6	0	9	3	13	0	1	0	2	0	3	2	*14*	*9*	0	0	11	12	8	2	1	4	4	2	0	5	5
	7	186	1021·8	–	42·9	1·2	8·5	89	8·1	1	4	3	6	17	1	0	0	0	1	3	10	*9*	*7*	0	0	11	13	7	2	0	4	4	3	1	4	6
	13	186	1022·0	–	48·1	3·0	9·1	79	7·1	0	8	3	11	9	0	0	0	0	0	5	10	*14*	*2*	0	0	16	10	5	1	4	4	2	4	2	5	4
	18	186	1021·4	–	46·3	2·2	9·0	83	6·1	3	3	11	7	7	1	0	0	0	0	3	7	*18*	*2*	0	0	14	10	7	2	3	5	1	3	0	6	4
GIBRALTAR .. .. H	7	90	1018·8	+1·7	54·3	3·1	11·6	80	6·3	4	3	5	11	8	0	0	0	0	*0*	0	*10*	*12*	9	0	0	17	14	0	0	0	18	3	1	2	1	6
	13	90	1019·1	–	60·3	5·7	12·1	69	5·7	3	8	3	9	8	0	0	0	0	*0*	0	*8*	*9*	14	0	0	20	11	0	0	0	19	3	1	2	3	3
	18	90	1018·1	–	60·0	5·4	12·5	69	4·9	4	7	6	11	3	0	0	0	0	*0*	0	*7*	*13*	11	0	0	14	17	0	0	0	15	4	4	1	4	3
	21	90	1018·8	–	56·9	3·9	11·9	76	4·1	6	10	6	5	4	0	0	0	0	*0*	0	*9*	*15*	7	0	0	12	18	1	0	0	16	2	2	3	3	4
MALTA .. .. H	7	234	1016·1	+0·6	53·8	3·3	11·1	79	5·8	0	10	5	9	7	0	0	0	0	0	0	3	6	*19*	*3*	0	14	16	1	2	3	6	5	1	2	5	6
	13	234	1015·5	–	57·0	5·1	11·0	69	6·3	0	9	8	6	8	0	0	0	0	0	2	1	5	*20*	*3*	2	12	17	0	3	6	6	3	2	1	4	6
	18	234	1015·7	–	54·1	3·5	11·3	78	5·1	1	13	4	7	6	0	0	0	0	0	1	2	2	*26*	*0*	0	15	15	1	1	4	5	3	2	1	5	9

* Mean of hourly readings.

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 temperature 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:—*Royal Observatory, Greenwich.*—A Glaisher stand is used. *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.

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 Gale 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 arrangement 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.

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—Rhayader (9), Tavistock (17), Plymouth (15), Balbriggan (25), Newcastle, Co. Wicklow (30).

"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*), *Pressure* (*Table IV*).—The averages refer to the period 1881–1915 and are "weighted" if the record is not complete for that period.

Temperature and Sunshine (*Table III*).—The averages refer to periods of from 10 to 30 years ending 1930, the actual period for each station being stated in the Introduction. Differences from 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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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: Adastral House, Kingsway, London W.C.2; 120 George Street, Edinburgh 2; York Street, Manchester 1; 1 St. Andrew's Crescent, Cardiff; 80 Chichester Street, Belfast; or through any Bookseller.

Vol. 52. No. 4. Issued by the Authority of the Meteorological Committee

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METEOROLOGICAL OFFICE LIBRARY 3 JUN. 1935

APRIL, 1935.—Wet; dull on the whole.

The most notable feature of the weather of the month was the excessive rainfall, the excess amounting to more than 100 per cent. of the average at many places in England and Wales and east and south-east Scotland: in north-west Scotland and at a few rather isolated places in Ireland, however, there was a deficiency. On the whole, sunshine was deficient and mean temperature somewhat exceeded the average.

During the first five days pressure was high to westward and north-westward of the British Isles and low to eastward. Cold, squally, northerly winds prevailed with showers of snow, sleet, hail and rain.

A depression approached Ireland from westward on the 6th, and from the 7th until the 23rd the weather was controlled by complex Atlantic depressions, the centres of which sometimes passed directly over the British Isles. Rain fell frequently throughout this period and was heavy at times, while local thunderstorms were of frequent occurrence, notably on the 14th and from the 20th to 22nd. Widespread gales on the 10th and 11th were associated with a deep depression which moved north-east across the north of Scotland. A wedge of high pressure caused a temporary break in the unsettled weather on the 12th.

On the 24th, an anticyclone off our western seaboard moved north-east and thereafter anticyclonic conditions prevailed, for the most part, until the end of the month. A depression over Germany, however, caused general rain in south-eastern districts on the 25th.

Pressure and Wind.—Mean pressure for the month was everywhere below the average, the deficiency at 7 h. varying from 2·7 mb. at the Scilly Isles and 2·9 mb. at Stornoway to 6·0 mb. at Tynemouth and Spurn Head.

The most widespread gales occurred around the 10th and 11th. During the first five days the northerly wind reached gale force at times locally, mainly in the north of Scotland, and a gale was registered at a few exposed places around the 16th and 17th. Among the highest speeds attained in gusts were 77 m.p.h. at Bidston Observatory, 76 m.p.h. at Abbotsinch (Renfrew) and at Bell Rock Lighthouse, and 73 m.p.h. at Dunfanaghy Road on the 10th, and 74 m.p.h. at Eskdalemuir on the 11th.

Temperature.—Mean temperature usually somewhat exceeded the average for the month, the only districts giving a negative deviation being Scotland, N. and Scotland, E. (See Table I). Northerly winds of polar origin were responsible for the cold spell from the 2nd to the 5th or 6th. Maxima below 40°F. were registered at numerous stations on the 4th or 5th: on the 4th the maximum temperature was only 35°F. at Dalwhinnie, Braemar and Craibstone, and 34°F. at Balmoral. Minimum temperatures of 25°F. or below were recorded locally on one or other of the days 5th to 7th, and low readings were also recorded on the mornings of the 12th and 13th. The remainder of the month was generally mild: maxima of 60°F. or above occurred locally almost daily from the 20th to 30th. Unusually high minimum temperatures were registered on the night of the 9th to 10th, many stations in the southern half of England recording a minimum of 50°F. or above: at Ipswich, the value 52°F. is the highest recorded in April during the last 35 years.

The extremes for the month were:—(England and Wales) 68°F. at Newport, Isle of Wight, on the 30th, 20°F. at Rickmansworth on the 13th; (Scotland) 66°F. at Ardtornish on the 26th and at Dunoon on the 22nd, 16°F. at Balmoral on the 7th; (Ireland) 67°F. at Cork on the 28th and 26°F. at Phœnix Park, Dublin, on the 12th.

Precipitation.—The general precipitation of the British Isles expressed as a percentage of the normal for the period 1881-1915 was 162, the values for the constituent countries being England and Wales 186, Scotland 144 and Ireland 116.

In the north-west of Scotland and at some rather scattered places in Ireland, less than the average rainfall was registered but in England and Wales and most of the east and south of Scotland a very considerable excess occurred, which amounted to more than 100 per cent. in many places. (Ilfracombe 191 per cent. excess and Marlborough 179 per cent.).

In some parts, thunderstorms were unusually frequent; for example, they were reported on 6 occasions at Attenborough and on 5 occasions at Cranwell, Bingley, Huddersfield (Oakes), Wakefield and Mayfield. Local thunderstorms occurred from the 7th to 10th, on the 14th, 17th and from the 20th to 24th. They were widespread on the 14th and from the 20th to 22nd. At Durham, hailstones about the size of marbles fell during a storm on the 21st and on the same day a thunderstorm persisted for about 5 hours at Glencoe.

Snow or sleet fell at times over a wide area during the first five days, particularly on the 4th and 5th. In Scotland, most of the country was covered in snow on the 4th and 5th, and on the 6th the snow was 7½ inches deep at Balmoral.

Among the heaviest falls of rain in 24 hours may be mentioned:—

8th 52 mm. at Trecastle (Brecon).
9th 50 mm. at Treherbert (Glamorgan), 48 mm. Llyn Fawr Reservoir (Glamorgan) and 42 mm. at Glenbranter.
11th 52 mm. at Lochgoilhead (Argyll).
23rd 49 mm. at Denshaw (Yorkshire) and 41 mm. at Huddersfield.

Sunshine.—Sunshine was deficient on the whole. In Scotland, the deficiency was general: in England and Ireland, totals were more variable, but the only district for which the mean exceeded the average was England, N.W. with 107 per cent. of the average (see Table I). Among sunny days may be mentioned the 6th, 11th, 12th, 23rd and 26th.

Fog.—Little fog occurred during the first part of the month. It was reported locally on the 14th, 15th, 20th to 23rd and during the anticyclonic régime from the 25th–30th. On the 26th and 27th, fog was chiefly confined to the north and north-west but later it developed further south, with the southward movement of the anticyclone.

Miscellaneous Phenomena.—The aurora was seen in some northern districts of Scotland on the 9th and 12th. Solar halos were noted at Oxford on 17 days, chiefly between the 4th and 21st. The zodiacal light was observed at Stonyhurst on the 4th and a sun pillar at Oxford on the 2nd.

Meteorological Office, Air Ministry: G. C. Simpson, C.B., D.Sc., F.R.S., Director. South Kensington, S.W.7., 24*th May*, 1935.

40/9999.

TABLE I.—DISTRICT VALUES.— APRIL, 1935 [1908, revised 1928.]

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.	65	20	-0·6	-	-	105	-1	78	26
Eastern.									
1. SCOTLAND, E.	65	16	-0·3	-	-	188	+4	79	26
2. ENGLAND, N.E.	65	23	+0·6	+1·4	+1·6	184	+4	90	31
3. ENGLAND, E.	65	20	+0·7	+0·6	+1·4	200	+7	82	32
4. MIDLAND COUNTIES ..	66	25	+1·0	+1·5	+2·1	187	+4	98	33
5. ENGLAND, S.E.	68	28	+0·6	+1·4	+1·5	206	+7	86	34
Western.									
6. SCOTLAND, W. (*and I. of Man*)	66	25	+0·7	+1·5	+1·5	145	+1	87	30
7. ENGLAND, N.W. (*and N. Wales*)	67	26	+1·0	+1·9	+2·2	129	+3	107	40
8. ENGLAND, S.W. (*and S. Wales*)	65	27	+1·2	+1·6	+1·7	199	+5	84	34
9. IRELAND, N. ..	66	28	+0·9	+1·6	+1·5	128	+1	98	37
10. IRELAND, S. ..	67	26	+1·0	+1·7	+1·7	108	+2	98	38
11. CHANNEL I. (*and Scilly*)	61	40	+1·0	+1·5	+1·5	177	+3	81	38
Mean : DISTRICTS 1—10	68	16	+0·7	+1·5	+1·7	166	+3	92	34

TABLE II.—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND.— APRIL, 1935 [1914.]

DISTRICT AND STATION.	Height.			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.
					hr.		hr.	hr.	hr.	hr.	hr.	°	mi/hr.	m/s.	day. hr.	mi/hr.	m/s.	d. h. m.
0. SCOTLAND, N.	ft.	ft.	ft.															
Shetland. ‡Lerwick	310	53	39	1,16,17	8	18	128	302	238	44	0	70	45	20	17 01	67	30	17 00 10
Orkney. Kirkwall	170	40	35	1,16,17	7	10	77	337	262	37	0	60	45	20	16 24	71	32	16 23 45
Hebrides. Stornoway ‡. ..	—	—	—	1,4,17	20	15	119	329	205	47	0	290	48	21	1 02	72	32	1 01 25
1. SCOTLAND, E.																		
Aberdeen. Aberdeen	70	42	32	1	1	7	34	260	384	41	0	290	39	17	1 06	61	27	1 06 10
Kincardine. Balmakewan ..	140	25	20	-	0	1	2	135	(354)	(200)	29	130	26	12	10 13	47	21	10 12 20
Angus. Bell Rock Lighthouse	130	—	126	4,10,11	12	15	163	259	201	85	0	240	54	24	10 15	76	34	10 14 15
Edinburgh. Edinburgh	485	39	23	-	0	4	17	151	272	280	0	190	36	16	10 11	60	27	10 12 02
6a. SCOTLAND, W.																		
Argyll. Tiree	75	50	42	11	1	10	117	269	272	61	0	270	39	17	11 09	52	23	11 07 40
Renfrew. Paisley	188	81	31	-	0	1	5	96	422	197	0	180	35	16	10 10	68	30	10 09 25
Renfrew. Abbotsinch ..	65	46	33	10,11	2	4	24	131	417	146	0	200	40	18	10 10	76	34	10 10 05
Dumfries. Eskdalemuir ..	825	50	35	10	8	6	41	214	287	170	0	200	42	19	10 06	74	33	11 12 20
2. ENGLAND, N.E.																		
Durham. South Shields ..	73	57	44	-	0	8	72	247	254	147	0	250	37	17	11 17	62	28	11 12 50
Yorks., N.R. Catterick	220	45	33	-	0	5	35	188	306	191	0	270	33	15	11 17	65	29	10 23 30
Yorks., E.R. Spurn Head* ..	64	42	34	-	-	-	-	-	-	-	-	-	-	-	- -	-	-	- - -
Lincoln. Cranwell	284	43	33	-	0	8	59	290	274	97	0	220	37	17	10 14	61	27	10 13 15
3. ENGLAND, E.																		
Norfolk. Gorleston	52	42	34	-	0	8	48	382	264	26	0	140	34	15	16 07	62	28	10 13 15
Suffolk. Felixstowe Aero. ..	65	50	40	-	0	7	37	414	238	31	0	210	32	14	10 10	64	29	2 13 00
Bedford. Cardington ..	285	150	135	10,11	10	10	71	375	219	45	0	210	45	20	10 14	71	32	10 14 40
Essex. Shoeburyness ..	115	104	89	10	2	12	69	424	201	24	0	210	42	19	10 07	59	26	10 05 50
4. MIDLAND COUNTIES.																		
Warwick. Birmingham ..	643	118	73	-	0	3	19	276	362	63	0	300	36	16	1 11	60	27	1 11 15
5. ENGLAND, S.E.																		
London. South Kensington..	137	110	30	-	0	0	0	180	510	30	0	230	23	10	10 16	57	25	2 15 10
Surrey. Kew Observatory ..	92	75	50	-	0	2	16	256	376	72	0	230	30	13	10 15	61	27	3 13 25
Surrey. Croydon	313	105	70	-	0	5	56	325	300	39	0	220	34	15	10 18	55	25	10 05 20
Kent. Dover	66	66	60	-	0	9	44	364	227	61	24	-	32	14	16 08	54	24	2 11 55
Kent. Lympne	418	76	48	-	0	10	73	364	257	26	0	240	35	16	10 16	58	26	10 16 40
Hampshire. Calshot	58	50	42	10	2	13	66	427	197	28	0	200	41	18	10 07	57	25	10 06 40
Wiltshire. Boscombe Down ..	462	45	33	-	0	5	21	274	361	64	0	200	31	14	10 02	57	25	10 14 50
Wiltshire. Larkhill	491	51	36	-	0	5	32	292	311	85	0	240	35	16	10 15	59	26	10 13 20
7a. ENGLAND, N.W.																		
Lancashire. Fleetwood	112	50	31	5	2	11	136	260	276	46	0	310	39	17	5 22	55	25	10 16 05
Lancashire. Manchester (Barton)	153	83	80	10,11	6	10	70	303	271	70	0	240	41	18	10 13	65	29	10 14 00
Lancashire. Southport	60	42	33	-	0	9	121	210	355	34	0	250	35	16	11 12	60	27	10 11 50
Cheshire. Bidston Obs'y. ..	262	64	39	10	9	11	135	212	307	57	0	240	45	20	10 15	77	34	10 13 00
7b. NORTH WALES.																		
Anglesey. Holyhead	68	43	38	-	0	9	127	235	327	31	0	210	36	16	10 10	61	27	10 07 10
Flint. Sealand	81	65	42	-	0	8	56	206	306	152	0	300	36	16	1 14	63	28	10 12 15
8a. SOUTH WALES.																		
Pembroke. St. Ann's Head ..	—	—	—	-	-	-	-	-	-	-	-	-	-	-	- -	-	-	- - -
8b. ENGLAND, S.W.																		
Devon. Plymouth	185	88	65	10	3	12	71	266	288	75	17	-	40	18	10 02	51	23	10 13 20
Cornwall. The Lizard	315	75	60	9-11,17	25	17	164	272	180	79	0	200	48	21	10 01	67	30	17 01 35
Cornwall. Pendennis Castle ..	256	65	42	8-11	40	17	160	262	204	54	0	220	53	24	10 01	70	31	10 01 10
9. IRELAND, N.																		
Donegal. Dunfanaghy Road	180	47	30	10,11	4	4	24	131	308	253	0	-	46	21	10 09	73	33	10 07 55
Antrim. Aldergrove	282	40	20	-	0	2	15	198	415	92	0	200	35	16	10 08	60	27	10 06 40
10. IRELAND, S.																		
Dublin. Kingstown (Cup Anr.)	49	27	27	-	0	11	89	268	290	73	0	210	38	17	10 8)	-	-	- - -
Clare. Quilty	100	40	32	-	0	9	55	266	323	76	0	-	36	16	10 10)	61	27	10 13 35
Kerry. Valentia Observatory	98	41	33	-	0	9	60	287	289	84	0	220	37	16	10 14	62	28	9 23 26
Cork. Cork	132	71	40	-	0	1	5	70	339	306	0	-	26	12	10 15	53	24	10 12 05
11. SCILLY ISLES.																		
St. Mary's	230	65	57	10,16,17	7	18	194	302	147	70	0	290	41	18	16 23	62	28	17 02 20

‡‡ Brackets ( ) indicate that the distribution as between winds above and below 4 m.p.h. is doubtful, but the total number of hours with winds below 12 m.p.h. is reliable.

‡ Data inaccurate prior to October, 1929 (*see* 1933 Annual Summary, Wind Section).

†Figures are for Butt of Lewis.

*Instrument defective.

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

The dotted lines indicate the normal distribution of pressure in April based on 35 years' observations, 1881–1915.

1011 1012 1007 1008 1013 1008 1009 1010 1014 1015 1011

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 I J K L M N

SCALE 1: 25,000,000.

Positions of centres are shown thus:– O at 1 hr; ● 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. 49° 47° 45° 43°

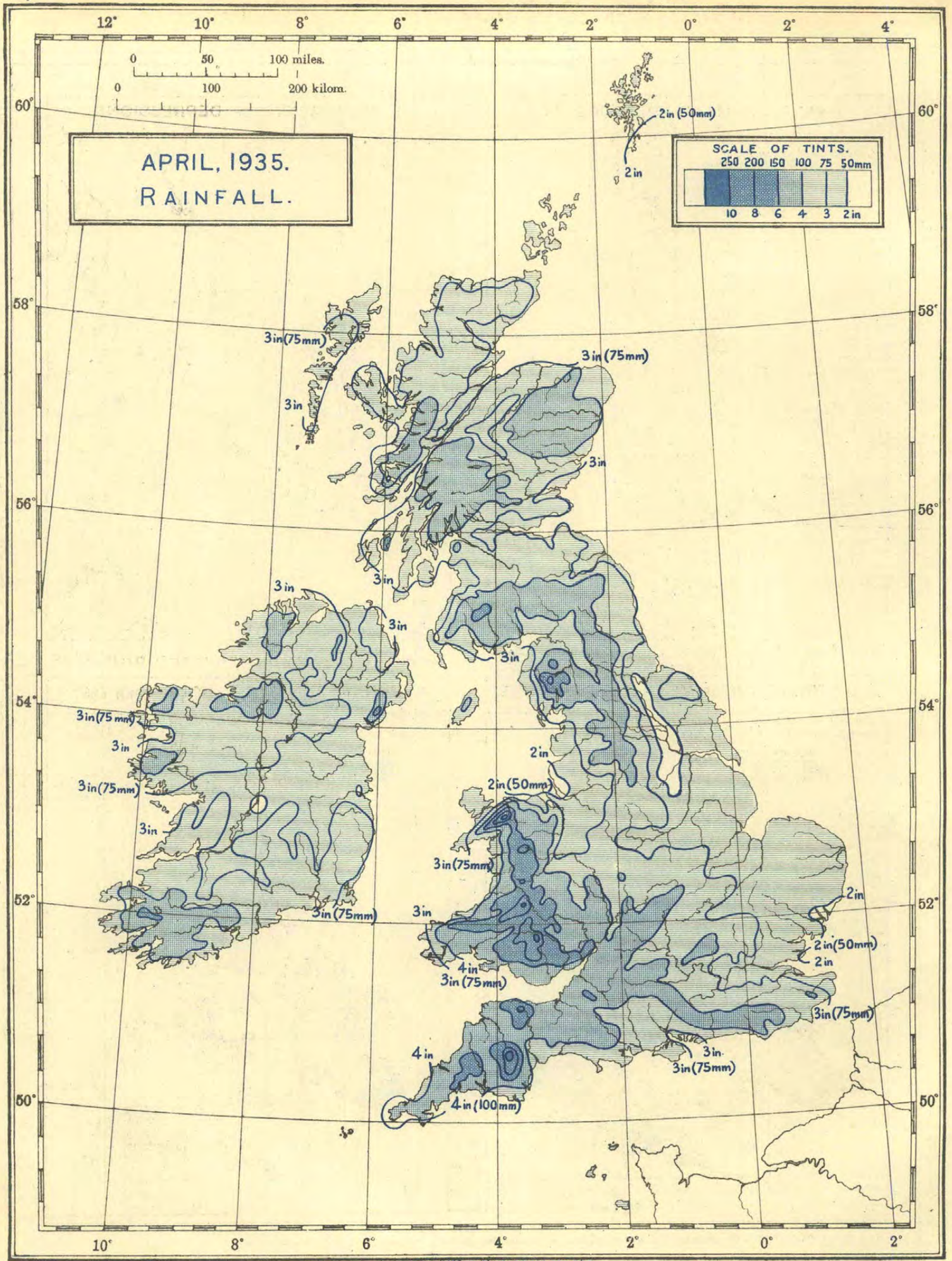
Sea temperatures are shewn in large figures, thus: 45°

4. BRIGHT SUNSHINE, HOURS PER DAY.

SCALE OF TINTS. Hrs. 5·5 5·0 4·5 4·0 3·5

*The pressure is expressed in millibars.

H.M.Stationery Office Press Kingsway W.C.2.



Ps.592/2892. Wt. 21A. D.17. Gp.908. 925. 5/35.

Scale 1 : 5,000,000.

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

TABLE III.—SUMMARY of the RECORDS of TEMPERATURE, RAINFALL and SUNSHINE, and of WEATHER OBSERVATIONS, APRIL, 1935

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. in.	mm.	Difference from Average. mm.	Most in a day. Amount. mm.	Date.	WEATHER. Number of days. Precip'n. 0·2 mm. or more.	1 mm. or more.	Snow.	Snow lying.	Hail.	Thunderstorm.	Fog (Morn'g Obs.)	Ground Frost.	Gale.	BRIGHT SUNSHINE. Hours per day. Daily Mean.	Difference from Average.	Per Cent.
		G.M.T.	ft.	°F.	°F.	°F.	°F.	°F.		°F.		°F.	°F.	in.	mm.	mm.	mm.											hr.	hr.	%
0. SCOTLAND, N.																														
Shetland.	Baltasound ..	9 9 9	31	47·1	37·3	42·2	+0·3	53	22	27	4	42·9	-	2·72	69	+ 5	10	10	27	15	7	1	8	0	0	-	1	3·87	-0·54	27
	Lerwick .. ¶§	18–7 7	156	45·2	38·0	41·6	-0·9	51	27,28	26	4	-	-	2·00	51	-	6	15	21	14	6	2	6	0	0	-	6	3·76	-0·65	26
Orkney.	Deerness	2121 9	160	46·5	38·1	42·3	+0·2	52	11,28	28	4	-	-	2·99	76	+23	12	4	23	13	5	1	2	0	1	-	-	3·51	-1·18	24
	Kirkwall .. ¶§	9 9 9	113	47·1	38·5	42·8	0·0	53	10	29	4	43·7	-	2·76	70	+15	11	4	17	11	5	2	3	0	0	6	5	3·45	-1·48	24
Hebrides.	Skallary	101010	30	50·5	41·6	46·1	-	55	29,30	33	5	-	-	3·33	85	-	14	10	19	17	3	0	3	0	-	-	-	-	-	-
	Stornoway(C.G.)¶§	18–7 7	80	48·0	38·7	43·3	-0·1	54	29,30	30	4	-	-	2·31	59	-	12	9	15	13	2	2	7	1	1	-	2	4·58	-0·65	32
	Stornoway ..	- - 9	30	-	-	-	-	-		-		-	-	2·53	64	-13	18	9	18	13	-	-	-	-	-	-	-	-	-	-
Skye.	Duntulm ..	9 9 9	294	47·9	39·0	43·5	-	56	30	30	4	-	-	2·71	69	-	33	9	14	12	3	0	4	1	1	-	1	4·88	-	34
Caithness.	Wick	18–7 7	81	46·7	38·5	42·6	+0·5	55	10	27	7	-	-	2·86	73	+22	16	4	23	16	5	0	2	0	0	-	5	-	-	-
Ross & Cromarty.	Achnashellach ‖..	9 9 9	225	53·0	34·3	43·7	-	65	30	28	23	-	-	3·83	97	-47	12	11	20	20	2	1	0	2	0	18	-	-	-	-
	Fortrose	9 9 9	69	49·7	39·6	44·7	+0·2	59	27	31	4,7	-	-	2·39	61	-	22	16	14	10	3	1	0	1	0	-	0	4·03	-0·94	28
Inverness.	Dalwhinnie †..	18–7 7	1176	47·3	32·9	40·1	-	61	27	20	13	-	-	3·17	81	-	14	9	19	13	8	6	0	0	0	17	0	3·74	-	26
	Ft. Augustus ¶	9 9 9	68	49·8	37·2	43·5	-0·1	61	21	28	7,13	-	-	1·67	42	-23	14	17	13	10	3	0	0	0	-	-	4·07	-	29S
	Ft. William ..	9 9 9	34	52·4	38·0	45·2	+1·1	63	26	31	13	45·0	45·2	3·16	80	-32	20	10	15	13	2	1	0	3	0	10	0	3·99	-	28S
	Inverness ¶§	9 9 9	242	48·8	36·7	42·7	-1·8	59	27	28	20	-	-	2·29	58	+18	27	16	16	12	4	0	2	0	1	10	0	3·14	-1·51	22
1. SCOTLAND, E.																														
Nairn.	Nairn .. ¶§	9 9 9	20	49·2	37·3	43·3	-0·4	59	21	26	13	-	-	2·33	59	+21	18	16	19	12	4	0	3	1	0	-	0	3·65	-1·05	26
Moray.	Forres	9 9 9	155	49·7	35·4	42·5	-	61	21	27	7	-	-	3·32	84	-	31	22	18	10	3	2	5	1	0	-	0	3·66	-	26
	Gordon Castle ..	2121 9	104	50·2	36·7	43·5	-0·3	63	22	26	6	-	-	3·03	77	+32	15	4	19	13	4	0	1	0	-	-	-	3·84	-0·88	27S
Banff.	Banff	9 9 9	130	48·0	39·2	43·6	+0·1	60	22	31	4	-	-	2·83	72	+30	14	16	19	12	5	0	3	1	0	5	0	3·80	-0·85	27S
Aberdeen.	Aberdeen ¶§	242424	79	47·2	38·2	42·7	-0·4	55	29	29	4,7	44·0	43·4	4·14	105	+57	26	16	21	15	5	3	4	0	2	8	1	3·55	-1·48	25
		18–7 -	—	47·7	37·8	42·7	-1·3																							
	Balmoral.. ..	9 9 9	927	46·2	33·0	39·6	-0·9	58	27	16	7	-	-	5·14	131	+76	21	16	25	18	7	9	0	0	-	14	0	-	-	-
	Braemar	2121 9	1111	47·1	33·0	40·1	-0·2	61	27	17	7	-	-	4·44	113	+53	19	17	21	17	9	9	0	1	0	12	0	3·92	-	28S
	Craibstone ..	9 9 9	300	47·1	36·9	42·0	-	56	22	28	4,7	42·5	42·5	4·24	108	+57	24	16	18	15	7	1	3	0	-	6	-	3·69	-	26
	Logie Coldstone..	9 9 9	608	48·9	35·1	42·0	+0·1	65	26	24	13	-	-	4·15	105	+54	26	16	19	16	8	7	0	0	0	10	-	-	-	-
Kincardine.	Balmakewan ..	9 9 9	80	47·9	36·8	42·3	-	58	29	23	7	-	-	4·45	113	+61	28	17	17	14	7	0	0	0	0	18	0	-	-	-
	Stonehaven ..	9 9 9	12	50·1	37·6	43·9	-	59	29	29	4,7	-	-	4·66	118	-	17	16	19	15	4	1	1	0	0	-	-	3·91	-	28
Angus.	Arbroath.. ..	2121 9	93	50·0	37·3	43·7	0·0	59	29	27	7,13	-	-	3·24	82	+41	16	16	17	11	1	0	0	0	0	16	1	4·71	-	33
	Carnoustie ..	9 9 9	39	49·5	38·1	43·8	-0·3	59	29	29	6	-	-	2·86	73	+30	13	17	17	12	2	1	2	0	-	-	1	4·58	-0·56	32
	Dundee ¶§	9 9 9	147	49·7	38·3	44·0	+0·3	58	29	28	6	45·1	-	3·25	83	+43	15	17	19	12	5	0	4	0	-	9	1	4·12	-0·07	29
	Kettins	9 9 9	218	50·7	37·2	43·9	+0·4	59	26,28,29	25	7	45·5	-	3·16	80	+34	17	17	16	12	4	0	0	1	0	12	2	-	-	-
	Montrose.. ‖ ..	9 9 9	16	49·0	37·7	43·3	0·0	58	29	29	7,9	-	-	2·72	69	-	16	17	18	11	2	0	1	0	0	-	0	4·59	-0·24	32
Perth.	Crieff	2121 9	478	50·4	37·3	43·9	+0·4	61	26	28	7	-	-	3·38	86	+30	22	9	16	11	3	1	1	1	-	-	1	-	-	-
	Perth	9 9 9	76	52·3	37·7	45·0	+0·5	62	26,29	26	7	-	-	3·40	86	+41	13	16	18	12	3	0	1	1	-	-	-	4·36	-0·69	31
Fife.	Cupar	9 9 9	210	50·1	37·1	43·6	-0·3	60	29	27	7	-	-	2·79	71	-	14	16	15	10	0	0	2	0	-	-	-	-	-	-
	Dunfermline ..	9 9 9	237	50·0	37·9	43·9	-	60	29	30	5,6	45·0	44·6	2·98	76	-	17	16	17	13	1	0	4	2	0	11	1	3·84	-	27
	Inchkeith ..	18–7 7	190	49·2	39·7	44·5	+0·4	58	29	32	4	-	-	2·29	58	+27	17	16	14	12	0	0	2	2	2	8	2	4·12	-	29
	Kirkcaldy ..	9 9 9	63	51·3	38·9	45·1	+0·2	63	29	28	7	-	-	3·09	78	-	20	16	15	13	1	0	1	2	-	-	-	-	-	-
	Leuchars ..	18–7 7	35	50·2	37·0	43·6	+0·1	59	29	23	7	-	-	2·57	65	+25	17	16	14	9	0	0	3	0	0	16	0	4·58	-0·54	32
	St. Andrews ..	9 9 9	13	49·8	38·2	44·0	-0·3	59	29	28	13	45·5	45·4	2·69	68	+25	19	16	16	10	2	0	3	0	0	5	-	4·33	-0·65	31
Mid Lothian.	Edinburgh—																													
	Blackford H. ¶§	2121 9	441	48·8	37·5	43·1	-0·6	59	29	29	7	-	-	2·97	75	+38	25	16	17	13	2	0	1	2	1	10	0	3·81	-0·88	27S
	Boghall	9 9 9	639	48·5	36·5	42·5	-	59	29	29	4,6,7	42·7	43·0	3·72	95	-	32	16	17	13	3	0	1	2	1	11	-	3·47	-	25
	Liberton	9 9 9	190	50·4	37·4	43·9	-	60	29	27	7	-	-	3·09	78	-	28	16	15	13	1	0	0	-	-	-	-	-	-	-
	Univ. King's B.	9 9 9	225	50·4	37·8	44·1	-	62	29,30	30	6,7	44·4	44·9	3·00	76	-	28	16	13	13	-	-	-	-	-	-	-	-	-	-
E. Lothian.	Dunbar	9 9 9	75	49·0	39·0	44·0	-	57	29	31	7	-	-	2·64	67	-	24	16	19	9	2	0	1	0	0	5	0	4·25	-	30
	N. Berwick ..	9 9 9	118	50·1	38·1	44·1	-	62	29	28	7	-	-	3·05	77	+43	28	16	15	11	1	0	0	0	0	4	0	4·41	-	31
Berwick.	Marchmont ‖ ¶§	9 9 9	498	48·5	36·5	42·5	-0·4	57	29	27	7	-	-	3·22	82	+31	15	16	20	14	1	1	1	0	-	-	1	3·23	-1·52	23S
Peebles.	Peebles	9 9 9	629	49·7	34·9	42·3	-	59	29	25	6	-	-	3·13	79	-	22	16	17	15	1	0	0	1	1	15	1	3·45	-	24
	West Linton ..	9 9 9	820	48·6	34·9	41·7	+0·6	58	28	25	6	43·4	43·0	3·44	87	-	17	16	15	14	2	0	1	1	2	14	-	-	-	-
Roxburgh.	Kelso (Br'ml'ds)	9 9 9	193	50·4	37·5	43·9	-0·3	60	21	25	7	-	-	3·19	81	+41	14	16	20	11	2	0	0	0	1	-	0	-	-	-
	Wolfelee	9 9 9	537	49·3	35·5	42·4	-0·2	58	21	25	13	-	-	3·02	77	+20	13	10,16	16	11	2	1	1	2	0	-	1	-	-	-
6a. SCOTLAND, W.																														
Argyll.	Ardtornish ..	2121 9	48	52·7	35·2	43·9	-1·1	66	26	29	7	-	-	4·79	122	-	28	9	14	13	2	1	1	1	-	18	-	-	-	-
	Colonsay.. ..	9 9 9	100	(51·2)	(38·4)	(44·8)	-	59	28	32	5,7,8	-	-	3·30	84	-	17	9	20	14	2	0	0	0	-	-	-	-	-	-
	Dunoon	9 9 9	46	53·5	37·5	45·5	-	66	22	28	3	46·4	44·8	6·70	170	-	35	9	18	16	1	0	1	2	0	6	-	4·42	-	31S
	Glenbranter ..	9 9 9	188	53·7	36·5	45·1	-	65	26	28	7,8	-	-	5·66	144	-	42	9	11	11	0	0	0	1	0	14	0	-	-	-
	Oban	9 9 9	229	50·8	39·2	45·0	-0·1	59	26,27	30	5	-	-	2·59	66	-	18	9	14	12	2	0	0	1	0	3	0	4·84	-0·30	34
	Tiree	18–7 7	22	49·9	41·0	45·5	-	58	21	34	5	-	-	3·14	80	+18	25	9	14	11	0	0	0	1	0	0	4	6·35	-	45
Bute.	Rothesay ¶§	2121 9	200	51·5	40·0	45·7	+1·2	60	26,27	32	5	45·9	45·6	3·43	87	+11	19	9	16	14	2	0	2	2	0	4	3	5·00	-0·07	35
Dumbarton.	Cardross	9 9 9	130	52·2	38·4	45·3	+0·8	65	27	32	3	-	-	3·50	89	-	19	9	16	14	0	0	0	0	4	-	1	4·43	-0·20	31S
	Helensburgh ..	9 9 9	21	52·3	37·6	44·9	+1·1	63	27	33	3,5,9	-	-	4·10	104	+31	15	10	16	15	2	0	0	1	0	-	0	4·45	-0·12	32
Stirling.	Stirling	9 9 9	151	52·2	39·3	45·7	+0·9	64	29	32	7,10	45·6	45·4	3·48	89	-	23	9	17	12	2	0	0	2	1	7	-	3·94	-0·59	28
Renfrew.	Greenock	9 9 9	199	51·8	39·8	45·8	+1·3	63	27	34	9	-	-	3·84	97	+ 5	24	9	15	12	1	0	1	1	1	1	-	-	-	-
	Paisley	2121 9	106	53·3	39·7	46·5	+0·8	64	29	33	3	46·6	46·1	3·37	86	+27	17	9	15	14	1	0	0	1	0	8	-	3·76	-0·96	27
	Renfrew ¶§ (Abbotsinch)	18–7 7	19	52·7	38·5	45·6	+1·3	63	29	32	3,13	-	-	2·99	76	+19	13	9	14	13	1	0	3	1	0	8	2	3·97	-0·57	28
Lanark.	Dungavel	9 9 9	798	48·5	35·7	42·1	+0·5	57	27,30	28	5	-	-	3·87	98	-	20	10	14	13	0	0	0	1	1	10	-	-	-	-
	Glasgow	9 9 9	85	51·6	40·3	45·9	+0·8	60	22	35	4,5,7	-	44·9	2·77	70	+17	14	9	14	12	0	0	0	1	3	-	-	-	-	-
	Thorntonhall ..	9 9 9	440	50·9	36·8	43·9	+1·0	61	29	30	3,5,13	-	-	3·43	87	-	19	16	14	10	1	0	2	1	-	8	1	3·98	-0·43	28S
Ayr.	Auchincruive ..	9 9 9	89	52·5	38·0	45·3	-	61	28	25	3	46·4	46·0	2·34	59	-	14	16	14	10	0	0	2	2	0	16	-	4·54	-	32
	Colmonell ..	9 9 9	170	52·4	39·0	45·7	+0·7	60	26	34	3,19,30	-	-	2·33	59	- 5	11	15	14	12	2	0	2	2	0	8	-	-	-	-
	Troon	9 9 9	15	51·3	39·3	45·3	-	61	26	33	6	-	-	2·59	66	-	12	10	15	12	0	0	1	1	0	(3)	1	4·63	-	33
	Turnberry ..	9 9 9	30	51·6	40·5	46·1	+0·6	63	26	34	5	-	-	2·00	51	-	13	10	11	10	1	0	0	0	0	0	0	4·73	-0·68	34
Dumfries.	Dumfries.. ¶§	2121 9	140	52·3	38·5	45·4	+0·6	60	22	32	4,13	45·9	45·3	3·62	92	+36	14	16	15	12	0	0	1	2	1	11	0	3·98	-0·89	28
	Eskdalemuir ¶§	242424	794	49·0	34·5	41·7	+0·6	58	21	27	13	43·5	43·7	5·79	147	+61	38	10	18	11	9	1	7	2	2	11	2	3·25	-1·15	23
		18–7 -	—	48·8	35·4	42·1	+1·0																							
	Ruthwell.. ‖ ..	2121 9	67	53·1	36·5	44·8	+0·1	61	22	28	3,5,6	-	-	3·53	90	-	15	16	15	14	2	0	0	2	-	-	0	3·75	-1·11	27S
	Thornhill ..	9 9 9	670	50·7	33·9	42·3	-	59	27,29	30	3	-	-	3·55	90	-	14	9	14	13	1	1	1	2	0	-	3	-	-	-

¶§ *See* Notes on Tables on last page of this issue. ‖ On and after April 14th observations were taken one hour earlier than the times shown.
†Observations taken at 17h. instead of 18h. G.M.T., on Sundays during Summer Time.

TABLE III (*continued*).—SUMMARY of the RECORDS of TEMPERATURE, RAINFALL and SUNSHINE, and of WEATHER OBSERVATIONS, APRIL, 1935

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. in.	mm.	Difference from Average. mm.	Most in a day. Amount. mm.	Date.	WEATHER. Number of days. Precip'n. 0·2 mm. or more.	1 mm. or more.	Snow.	Snow lying.	Hail.	Thunderstorm.	Fog (Morn'g Obs.)	Ground Frost.	Gale.	BRIGHT SUNSHINE. Hours per day. Daily Mean. hr.	Difference from Average. hr.	Per Cent.
6b. ISLE OF MAN.		G.M.T.	ft.	°F.	°F.	°F.	°F.	°F.		°F.		°F.	°F.																
Isle of Man.	Douglas	9 9 9	284	50·8	40·3	45·8	+0·7	57	26,29	33	3,5	–	–	3·75	95	+33	15	9	17	15	1	0	2	1	1	3	2	6·73	+0·72	48
2. ENGLAND, N.E.																													
Northum-berland.	Berwick-on-T. ..	9 9 9	76	47·7	39·1	43·4	–	55	29	28	7	–	–	3·53	90	+53	16	16	20	13	3	0	2	0	1	6	–	4·11	–	29
	Bellingham ..	9 9 9	849	48·6	35·1	41·9	-0·3	57	21,29	25	5	–	–	3·26	83	+28	14	16	20	14	5	0	4	2	0	–	–	–	–	–
	Cockle Park ¶§	2121 9	325	48·9	36·9	42·9	0·0	56	22,29,30	28	7	42·7	43·8	4·16	106	+64	27	21	21	17	5	0	4	2	0	5	1	3·94	-0·96	28
	Tynemouth ..	18–7 7	108	47·8	40·7	44·3	+0·1	56	9,10,29	32	6	–	–	2·77	70	+34	10	16	22	14	3	0	5	2	1	3	0	–	–	–
Durham.	Chopwellwood ..	9 9 9	446	50·1	37·4	43·7	+0·3	59	29	29	13	–	–	2·07	53	+ 8	7	21	21	13	2	0	3	2	0	11	–	3·45	-1·14	25
	Durham .. ¶§	2121 9	336	50·4	37·7	44·1	+0·5	59	21,29	27	7,13	–	–	3·20	81	+41	32	21	19	10	1	0	3	1	0	9	2	3·53	-1·16	25
	Houghall.. ..	9 9 9	160	51·8	38·0	44·9	–	61	29	23	13	–	–	3·14	80	–	37	21	13	9	5	0	1	1	0	16	0	3·58	–	26
	Ushaw College ..	9 9 9	594	49·4	37·9	43·7	+0·1	59	29	30	4,6,7	–	–	3·20	81	+33	19	21	21	12	4	1	2	2	2	–	–	–	–	–
Yorks., N. Riding.	Ampleforth ..	9 9 9	313	51·3	39·0	45·1	+0·7	60	29	31	4,5	–	–	2·88	73	–	12	2	18	13	5	0	2	2	6	14	–	4·72	–	34
	Castleton ..	9 9 9	450	50·0	36·1	43·1	–	59	22,29	24	7	43·7	–	3·59	91	–	12	2	20	14	2	1	3	3	1	9	–	–	–	–
	Catterick.. ..	18–7 7	175	51·0	38·2	44·6	–	61	22	26	13	–	–	1·79	45	–	8	22	16	13	4	1	2	3	2	14	0	4·12	–	29
	Scarborough †¶§	9 9 9	118	51·2	40·5	45·9	+0·2	60	10	32	5	–	46·5	2·29	58	+18	6	3,15	17	15	2	0	2	0	0	4	1	4·37	-0·75	31
	York .. ¶§	2121 9	57	54·0	39·8	46·9	+1·0	63	29	32	4,5,13	46·0	45·7	1·93	49	+ 8	9	15	15	12	3	0	0	2	–	–	0	4·42	-0·06	32
Yorks., E. Riding.	Hull	2121 9	8	52·8	41·4	47·1	+1·6	62	29	33	5,13	46·6	45·6	2·06	52	+12	9	7	15	12	4	0	2	0	0	3	–	4·60	–	33
	Spurn Head ..	18–7 7	29	50·2	41·6	45·9	+0·9	58	9,10	34	5,6	–	–	2·93	75	+42	14	15	16	12	2	0	2	0	0	–	0	5·03	-0·07	36
Lincoln.	Cranwell .. ¶§	18–7 7	240	54·1	39·0	46·5	+1·3	65	23	31	5,6,13	46·2	45·9	2·67	68	+34	16	14	19	14	4	0	3	5	1	6	0	5·47	+0·61	39
	Cleethorpes ..	9 9 9	23	51·9	40·3	46·1	–	61	9	32	6	–	–	2·52	64	–	11	7	16	12	2	0	2	1	0	4	–	5·03	–	36
	Skegness ..	9 9 9	15	51·5	41·3	46·4	+1·6	60	9,10	32	5,13	–	–	2·28	58	+24	13	7	17	13	2	0	2	0	0	5	–	4·96	-0·54	36
3. ENGLAND, E.																													
Norfolk.	Cromer	9 9 9	178	52·0	40·5	46·3	+0·5	60	10,21,23	31	5	–	–	2·65	67	+35	12	7	20	15	3	0	3	0	0	2	0	4·20	-1·27	30
	Hunstanton ..	9 9 9	105	51·6	40·9	46·3	–	61	20	32	5	–	–	2·67	68	–	13	7	23	17	4	0	2	1	0	–	–	4·88	–	35
	Norwich	9 9 9	110	53·0	40·0	46·5	+0·2	64	23	31	5,13	45·8	–	2·49	63	–	10	15	22	17	5	0	3	3	–	8	–	4·15	-1·08	30
	Sprowston ..	9 9 9	93	52·9	38·1	45·5	–	60	21,22,23	27	23	–	–	2·34	59	–	9	15	23	17	3	0	0	2	1	12	–	4·46	–	32
	Terrington ..	9 9 9	13	53·9	39·9	46·9	–	62	29	30	5	–	–	2·32	59	–	11	15	19	17	3	0	2	1	2	8	–	4·72	–	34
	Thetford ..	9 9 9	99	53·8	38·0	45·9	–	64	23	25	13	45·8	45·8	2·29	58	–	9	7,18	22	15	3	0	3	1	0	10	–	4·31	–	31
	(Lynford Nursery)																												
	Yarmouth ¶§	18–7 7	5	50·9	41·7	46·3	+0·8	60	9,10,19	31	5	47·1	–	2·24	57	+19	8	15	19	15	3	0	3	0	0	2	1	4·55	-1·13	33
Suffolk.	Bungay (Flix'n)..	9 9 9	79	53·7	39·9	46·8	+0·7	63	23	30	5	–	–	2·08	53	–	9	15	16	14	4	0	2	1	0	7	–	–	–	–
	Copdock	9 9 9	164	53·7	40·0	46·9	+1·1	62	23	30	5	46·5	46·4	2·04	52	–	11	7	16	11	4	0	2	3	0	3	–	4·49	-0·51	33
	Felixstowe ..	18–7 7	15	51·9	41·6	46·7	+0·7	58	10,11	31	5	–	–	1·81	46	+16	10	7	16	11	4	0	2	3	0	4	0	5·46	-0·50	40
	Hartest	9 9 9	250	54·1	39·0	46·5	–	63	23	29	6	–	–	2·55	65	–	11	7	20	15	3	0	1	0	1	8	–	4·66	–	34
	Lowestoft ..	9 9 9	82	52·1	40·7	46·4	+1·0	61	19	31	5,13	47·3	–	2·10	53	+16	9	7	23	14	4	0	4	0	0	–	1	4·62	-1·46	33
Cambridge.	Cambridge ¶§ (Bot. Gdns.)	2121 9	41	53·8	39·2	46·5	+0·2	63	23	29	5,13	47·2	47·2	2·85	73	+39	9	18	19	15	5	0	5	3	0	9	0	3·84	-1·36	28
	(Univ. Farm) ..	9 9 9	78	53·8	39·9	46·9	–	62	23	30	5,13	–	–	2·73	69	–	10	18	22	16	1	0	2	1	0	7	0	4·31	–	31
Bedford.	Luton	9 9 9	381	52·5	38·8	45·7	+0·6	62	23	28	15	46·9	46·9	3·18	81	–	10	15	20	16	2	0	1	1	1	9	–	4·01	-0·60	29
	Woburn	9 9 9	291	53·0	38·7	45·9	+0·5	64	23	28	13	46·6	47·3	2·98	76	+38	11	7	20	15	4	1	4	3	0	11	–	4·20	-0·62	30
Hertford.	Rickmansworth	9 9 9	192	55·5	34·4	44·9	–	64	23,30	20	13	46·8	46·2	4·03	102	–	15	7	23	16	4	0	6	1	1	20	0	4·16	–	30
	Rothamsted ¶§	9 9 9	420	51·9	38·9	45·4	+0·1	61	23	30	13	45·5	–	3·60	91	+50	12	7	21	14	4	0	1	1	0	9	0	4·22	-0·94	31
	St. Albans ..	9 9 9	272	53·7	38·8	46·3	–	62	23	29	13	46·9	–	3·86	98	+59	14	7	19	17	4	0	4	0	0	9	–	–	–	–
Essex.	Clacton-on-S. ¶§	9 9 9	53	52·4	42·0	47·2	+1·3	59	11	31	5	47·7	47·6	2·44	62	+27	9	15	20	15	4	0	2	1	0	4	–	5·32	-0·45	39
	Chelmsford ..	9 9 9	134	54·3	40·3	47·3	+1·2	63	23	31	5	–	–	2·66	68	+36	11	15	19	16	2	0	4	0	–	–	–	–	–	–
	Chelmsford (Agr. St.)	9 9 9	193	53·9	40·1	47·0	–	65	23	30	5	–	–	2·62	67	–	11	15	20	16	3	0	2	1	–	(7)	–	4·74	–	34
	Earls Colne ..	9 9 9	168	55·5	39·8	47·7	–	63	22	31	5	–	–	2·32	59	–	11	6	16	12	3	0	1	0	–	–	–	–	–	–
	Halstead ..	9 9 9	140	55·6	39·7	47·7	+1·0	63	23	30	5,13	–	–	2·68	68	–	11	7	19	13	4	0	4	0	1	–	–	–	–	–
	Shoeburyness ..	18–7 7	11	54·1	41·6	47·9	+1·8	59	11,19,26	30	5	–	–	2·03	52	+23	8	6	17	12	3	0	2	1	1	5	0	5·37	+0·22	39
4. MIDLAND COUNTIES.																													
Yorks., W. Riding.	Askham Bryan ..	9 9 9		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Bingley	9 9 9	610	50·7	38·0	44·3	–	59	29,30	30	13	–	–	3·65	93	–	21	20	19	14	3	0	2	5	2	6	–	–	–	–
	Bradford ..	9 9 9	439	51·2	38·9	45·1	+0·8	61	30	25	5	44·7	45·1	4·15	105	+54	25	20	18	15	–	–	–	–	2	10	–	4·51	+0·16	32
	Doncaster ..	9 9 9		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Giggleswick ..	9 9 9	575	50·7	37·7	44·2	+0·6	57	20,22,28	28	5	–	–	3·73	95	–	21	20	16	14	2	0	0	3	0	–	1	4·46	–	32
	Harrogate ¶§	18–7 7	478	51·0	38·6	44·8	+0·9	62	29	30	4,13	44·6	45·1	2·12	54	+ 3	9	21	12	11	1	1	5	1	4	9	0	4·61	-0·38	33
	Huddersfield ..	2121 9	325	52·1	38·6	45·3	+0·6	63	30	29	13	44·8	44·7	3·51	89	+40	22	23	19	15	3	0	3	4	1	10	–	3·82	-0·18	27
	„ (Oakes)	9 9 9	761	52·0	37·7	44·9	–	60	22,28,30	30	5	43·9	43·8	5·11	130	+74	41	23	21	17	5	0	3	5	3	11	0	–	–	–
	Meltham .. **	9 9 9	514	51·5	38·0	44·7	+0·5	62	30	28	13	44·3	44·3	4·05	103	+32	20	10	20	17	2	0	5	4	1	5	–	–	–	–
	Pontefract ..	9 9 9	255	51·9	39·3	45·6	–	59	20,22,29	32	4,5,7	–	–	2·14	54	+15	15	23	17	13	–	–	–	–	2	5	–	–	–	–
	Sheffield	9 9 9	428	52·7	39·6	46·1	+0·6	66	30	32	4,5	44·7	44·5	2·49	63	+14	11	20	18	14	–	–	–	–	–	5	–	4·29	-0·16	31
	Wakefield ..	9 9 9	124	54·4	39·5	46·9	+1·4	64	30	29	13	45·7	45·4	2·46	63	+20	12	28	19	13	2	0	5	5	0	8	–	4·41	+0·41	32
Derby.	Belper (School) ..	9 9 9	222	54·4	38·7	46·5	+0·9	62	29,30	32	7	–	–	3·09	79	+31	13	15	19	15	2	0	0	2	–	–	–	–	–	–
	Belper (Q. Bk.) ..	9 9 9	280	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Buxton	9 9 9	1007	49·2	36·8	43·0	+0·3	57	28,30	28	13	42·6	42·6	4·16	106	+31	19	17	18	17	4	1	4	2	0	7	–	4·25	-0·06	31
Nottingham.	Attenborough ..	18 7 7	89	55·6	38·2	46·9	–	66	23,30	27	13	–	–	2·81	71	–	14	15	21	16	5	0	3	6	3	9	1	–	–	–
	Mansfield ..	9 9 9	357	53·3	39·5	46·4	–	61	20,22,29	31	13	–	–	2·87	73	–	16	15	20	15	3	0	1	3	1	–	–	–	–	–
	Nottingham ¶§	9 9 9	192	53·9	40·5	47·2	+1·5	63	23	32	5,6,13	45·9	45·5	2·68	68	+32	13	15	20	17	–	–	–	–	1	7	–	4·91	+0·44	35
	Sutton Bon'gton	9 9 9	157	53·9	38·9	46·4	–	63	23	28	13	46·3	–	2·94	75	+40	16	15	20	19	2	0	1	3	1	7	–	4·64	–	33
	Worksop ..	9 9 9	56	55·4	39·1	47·3	+1·2	63	20	28	13	47·1	46·5	1·61	41	+ 4	9	15	20	13	5	1	2	4	–	6	2	4·81	–	35

† At Scarborough the earth thermometer is at a depth of 3 ft. ** At Meltham the earth thermometers are at depths of 1 ft. and 2 ft.

¶§ $ *See* Notes on Tables on last page of this issue.

TABLE III (*continued*).—SUMMARY of the RECORDS of TEMPERATURE, RAINFALL and SUNSHINE, and of WEATHER OBSERVATIONS, APRIL, 1935

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.	A and B. Mean of	Difference from Average.	Absolute Maximum and Minimum. Maximum.	Date.	Minimum.	Date.	Earth Temperature. 1 ft.	4 ft.	RAINFALL. Total Fall.		Difference from Average.	Most in a day. Amount.	Date.	WEATHER. Number of days. Precip'n. 0·2 mm. or more.	1 mm. or more.	Snow.	Snow lying.	Hail.	Thunderstorm.	Fog (Morn'g Obs.)	Ground Frost.	Gale.	BRIGHT SUNSHINE. Hours per day. Daily Mean	Difference from Average.	Per Cent.
4. MID. COUNTIES—*cont.*		G.M.T.	ft.	°F.	°F.	°F.	°F.	°F.		°F.		°F.	°F.	in.	mm.	mm.	mm.												hr.	hr.	%
Leicester.	Belvoir Castle ..	2121 9	259	53·0	38·6	45·8	+0·8	60	29,30	28	13	47·4	46·2	2·38	61	+22	16	15	21	15	-	-	-	-	-	7	-	5·37	*+0·25*	39
North-ampton.	Oundle	9 9 9	147	54·0	39·0	46·5	*+1·2*	63	23	27	13	47·3	46·5	2·66	67	-	8	7,15	22	18	3	0	3	0	0	9	-	4·85	*+0·59*	35
	Raunds	9 9 9	213	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Roade	9 9 9	394	55·5	38·4	46·9	-	62	23,24,29	30	3,6,12,15	44·7	-	3·89	99	-	15	9	18	17	2	0	0	3	0	8	0	-	-	-
Warwick.	Birmingham ¶§	18–7 7	535	53·3	39·8	46·5	*+1·0*	60	29	32	3,5	44·5	46·1	3·50	89	+45	17	15	21	17	3	1	5	2	1	7	0	4·70	+0·33	34
	.. Sparkhill	713 7	425	54·7	38·7	46·7	*+0·9*	61	29	31	15	-	-	3·15	80	+33	18	15	19	17	3	1	5	3	4	13	-	-	-	-
	Coventry	9 9 9	241	54·5	38·3	46·4	-0·1	64	30	26	13	49·3	51·2	3·62	92	+49	22	15	20	18	3	0	0	1	1	9	-	4·27	*-0·40*	31
	Rugby	2121 9	390	55·3	36·8	46·1	-	61	30	28	5,13	-	-	3·34	85	-	13	15	21	18	3	0	0	2	-	10	-	-	-	-
	Stratford-on-Avon	9 9 9	210	55·0	38·6	46·8	-	63	24	29	5	-	-	3·07	78	-	19	16	18	14	1	0	3	2	0	-	-	4·35	-	31
Oxford.	Oxford .. ¶§	9 9 9	208	54·7	39·9	47·3	+0·5	63	23,29	30	5	48·4	47·8	3·61	92	+51	12	7	18	16	2	0	5	1	0	10	1	4·24	-0·87	31
Bucks.	Mursley	9 9 9	490	52·4	38·7	45·5	-	61	23	29	5,6	45·2	-	3·76	95	+54	15	7	20	19	-	-	-	-	-	-	-	3·79	-	27
Stafford.	Mayfield	9 9 9	374	52·8	38·2	45·5	*+1·2*	60	29,30	27	13	-	-	3·24	82	+31	13	15	17	16	3	0	2	5	-	7	-	4·62	*-0·03*	33
Shropshire.	Newport	9 9 9	211	53·9	37·7	45·8	-	63	28	28	12,13	-	-	3·08	78	+39	10	15,16	18	17	2	1	0	2	0	12	-	4·51	-	32
	Shrewsbury ..	9 9 9	184	55·5	38·8	47·1	*+1·0*	65	28	29	12	47·9	47·7	2·86	73	-	11	15	20	18	1	0	3	3	0	9	0	5·28	-	38
Worcester.	Malvern	9 9 9	380	54·5	41·0	47·7	*+0·8*	63	23	33	5	48·1	47·0	4·44	113	+67	18	13	18	16	0	0	0	0	0	5	-	5·32	*+0·05*	39
	Worcester (Perdiswell)	9 9 9	94	55·5	39·4	47·5	-	63	23,29	29	12	-	-	4·16	106	-	16	15	17	16	0	0	4	1	-	8	-	5·22	-	38
Hereford.	Bromyard ..	9 9 9	393	54·7	38·7	46·7	*+1·0*	62	23,29,30	27	3	48·2	47·0	3·99	101	-	16	15	18	16	2	0	2	0	1	11	-	-	-	-
	Hereford ..	9 9 9	292	55·3	39·7	47·5	+1·3	64	29,30	31	15	-	-	4·64	118	+72	21	15	20	17	0	0	0	3	0	9	1	-	-	-
	Ross-on-Wye ¶§	18–7 7	223	54·5	40·7	47·6	*+1·1*	63	23,29	32	3	47·9	47·5	4·03	102	+54	19	9	19	17	0	0	2	2	3	10	1	47·4	*-0·15*	34
Gloucester.	Bristol (Horfield)	18–7 7	206	55·0	41·4	48·2	-	64	23	33	3,4,5	49·2	48·1	4·91	125	-	22	9	20	18	1	0	2	2	1	3	0	-	-	-
	Cheltenham ..	2121 9	214	54·8	39·3	47·1	*+0·2*	63	23,29,30	29	3	48·7	48·2	4·52	115	+72	20	15	20	18	0	0	1	2	0	9	0	4·92	*-0·27*	36
	Cirencester ..	9 9 9	443	53·4	38·3	45·9	*+0·4*	61	23,29	27	6	-	-	4·44	113	-	18	15	18	15	2	0	4	3	0	13	-	5·03	-	36
	Parkend	9 9 9	325	53·3	39·1	46·2	-	61	23,24	30	3,13,14	46·9	46·1	6·41	163	-	30	9	18	14	0	0	0	0	1	14	-	5·08	-	37
5. ENGLAND, S.E.																														
London.	City, Bunhill Row..	—	—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3·69	-0·45	27
	Camden Square ..	9 9 9	110	54·9	42·0	48·5	+0·2	65	23	32	5	47·1	46·5	3·09	79	+40	12	7	22	16	2	0	3	1	-	5	-	-	-	-
	East Ham ..	9 9 9	15	54·8	42·0	48·4	*+1·5*	64	23	33	5	-	-	2·66	68	+33	9	7	21	17	-	-	-	-	-	-	-	-	-	-
	Enfield	9 9 9	148	55·5	40·8	48·1	*+0·8*	66	23	32	5,6,13	-	46·9	2·98	76	+39	12	7	19	15	3	0	3	1	0	3	-	3·97	-	29
	*g*Greenwich ..	2424 9	149	55·9	40·1	48·0	+0·7	64	23	31	5	46·9	47·0	2·96	75	+38	12	7	21	17	2	0	4	1	2	8	0	3·45	-1·30	25
		21–9 –	—	55·9	41·1	48·5																								
	Hampstead ..	9 9 9	450	52·9	38·9	45·9	*0·0*	61	23	29	5	-	-	3·22	82	-	15	7	20	14	4	0	1	1	-	8	-	3·89	*-1·16*	28
	Kensington ..	18–9 9	80	54·4	42·4	48·4	*+0·3*	64	23	32	5	48·1	47·5	2·76	70	-	11	7	21	17	1	0	1	1	0	6	0	3·48	-	25
	Kingsway ..	—	—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3·75	-	27
	Regent's Park ..	9 9 9	129	54·5	41·7	48·1	-	63	23	32	5	-	-	2·93	74	-	11	7	20	16	2	0	1	0	1	2	-	3·56	*-0·58*	26
	Kew ¶§	242424	18	54·0	41·2	47·6	+0·5	61	23,29	33	5	47·7	47·7	2·69	68	+31	14	7	21	16	4	0	1	0	4	8	0	3·76	-1·22	27
	Observatory ..	18–7 –	—	53·9	42·1	48·0	*+0·4*																							
	Stroud Green ..	18 7 7	212	54·9	41·1	48·0	-	65	23	32	5,6	-	-	3·18	81	-	14	7	21	19	2	0	3	1	1	9	0	-	-	-
	Tottenham ††¶§	2121 9	51	54·9	42·7	48·8	*+1·1*	64	30	33	5	-	47·8	3·44	87	+50	13	7,11	20	17	2	0	1	1	-	1	-	4·04	*-0·80*	29
	Westminster ..	9 9 9	27	55·1	42·7	48·9	*+0·6*	63	23	31	5	-	-	2·70	69	+34	9	7	20	16	1	0	0	0	-	5	-	3·51	-1·04	25
Surrey.	Addington ..	9 9 9	472	52·7	40·7	46·7	+1·0	61	23	30	5	-	-	2·85	72	-	10	15	19	14	1	0	0	0	1	-	-	-	-	-
	Croydon Aero. ..	18–7 7	217	54·0	41·6	47·8	*+1·1*	63	23	32	5,13	-	-	2·93	74	+32	11	15	20	17	3	0	2	0	2	3	0	3·51	*-1·06*	25
	Wisley	9 9 9	150	54·4	40·4	47·4	*+0·6*	62	23	30	5,13	48·2	47·4	2·86	73	-	9	15	20	16	0	0	2	1	0	14	1	3·55	*-1·48*	26
Kent.	Biggin Hill ..	18–7 7	567	51·4	40·6	46·0	*+0·9*	60	23	31	5	-	-	3·23	82	+33	10	15	22	19	3	0	5	1	2	8	0	3·84	*-1·07*	28
	Bromley	9 9 9	213	54·2	41·1	47·7	-	63	23	30	5	-	-	2·45	62	+25	8	8	19	15	3	0	2	1	0	5	-	-	-	-
	Canterbury ..	9 9 9	124	53·5	41·4	47·5	*+0·6*	63	23	31	5	48·4	47·3	2·26	57	-	9	15	22	16	-	-	-	-	-	5	-	-	-	-
	Dover	9 9 9	22	53·1	43·3	48·2	*+1·9*	62	23	33	5	48·2	47·4	3·79	96	-	21	8	21	15	2	0	1	0	0	0	1	5·11	*-0·70*	37
	Dungeness ..	18–7 7	20	53·2	40·8	47·0	*+0·1*	60	26	28	5	-	-	2·93	74	+39	11	15	18	15	2	0	2	0	0	-	1	-	-	-
	East Malling ..	9 9 9	132	53·8	40·3	47·1	-	61	20,23	30	5	-	-	3·31	84	-	10	8	19	17	4	0	3	2	0	4	0	4·06	-	29
	Folkestone ..	9 9 9	101	52·9	42·3	47·6	*+0·8*	61	23	31	5	-	48·1	3·32	84	-	15	8	19	16	3	0	2	2	1	2	-	5·41	*-0·74*	39
	Goudhurst ..	9 9 9	290	53·8	39·9	46·9	-	62	23	30	5,13	-	-	4·04	103	-	17	15	21	17	4	0	2	3	0	5	-	-	-	-
	Lympne	18–7 7	346	52·0	40·8	46·4	*+1·1*	59	23	29	5	-	46·5	3·57	91	+49	14	8	21	17	5	0	6	2	0	7	0	4·88	*-0·63*	35
	Manston	18–7 7	142	52·5	41·9	47·2	-	59	21,23	31	5	-	-	2·52	64	-	11	8	20	16	2	0	5	0	1	2	0	5·36	-	39
	Margate .. ¶§	9 9 9	51	52·5	43·4	47·9	*+0·8*	60	21	33	5	48·5	48·0	2·35	60	+26	12	8	19	15	4	0	3	0	0	0	0	5·35	-0·71	39
	Tunbridge W. ..	9 9 9	351	53·8	40·3	47·1	*+0·8*	62	23	29	5,13	47·5	46·9	3·02	77	-	14	15	21	15	2	0	1	1	0	4	0	4·37	-0·98	32
	Wye	9 9 9	164	53·6	40·7	47·1	-	61	20,23	29	5	-	-	3·53	90	-	14	15	21	18	3	0	1	1	-	4	0	4·39	-	32
Sussex.	Ardingly ..	9 9 9	437	53·4	39·8	46·6	*+1·3*	63	23	29	5	-	-	4·05	103	-	15	15	23	17	3	0	0	0	-	5	-	-	-	-
	Beachy Head ..	18–7 7	502	51·4	39·3	45·3	-	60	24,26	29	5	-	-	3·46	88	-	13	15	17	16	3	0	0	1	1	-	-	-	-	-
	Brighton ..	9 9 9	32	53·0	43·1	48·1	*+0·7*	61	24,26	32	5	-	47·9	3·45	88	+47	15	15	18	16	2	0	0	0	0	2	0	5·38	-0·45	39
	Eastbourne ..	2121 9	35	53·4	42·5	47·9	+1·0	63	26	33	4,5	48·9	48·3	3·80	96	+50	14	15	19	17	1	0	0	0	0	0	-	5·30	-0·74	39
	St. Leonards ¶§	2121 9	178	53·4	42·0	47·7	*+1·0*	61	26	30	5	48·9	47·1	3·42	87	+45	13	15	19	18	3	0	0	1	0	3	0	5·43	-0·47	40
Berkshire.	Ascot H'therw'd	2121 9	320	54·1	38·8	46·5	-	61	23	29	5	-	-	3·26	83	-	16	7	19	14	3	0	2	1	0	13	-	4·35	-	32
	Reading	9 9 9	152	55·4	40·1	47·7	*+1·0*	64	23	31	5,13	47·5	47·8	3·06	78	-	12	8	21	15	0	0	2	1	-	8	1	-	-	-
	Shinfield	9 9 9	200	53·9	39·1	46·5	*+0·4*	61	29	29	5	-	-	2·98	76	-	10	7	20	16	1	0	1	2	-	-	-	-	-	-
	Warfield	9 9 9	220	53·5	38·4	45·9	-	61	29	29	5,13	47·0	-	3·00	76	-	12	7	21	15	2	0	0	1	5	11	-	3·73	-	27
Hampshire.	Bournemouth ..	9 9 9	138	55·3	41·4	48·3	*+1·0*	63	23,30	32	3,5	48·5	47·8	3·47	88	+43	14	15	17	16	0	0	0	0	0	-	-	5·51	*-0·46*	40
	Calshot	18–7 7	8	53·7	42·2	47·9	*+0·8*	61	26	30	5	-	-	2·74	70	+33	11	15	20	16	0	0	2	0	1	7	1	5·33	*-0·17*	39
	Long Sutton ..	9 9 9	479	53·7	38·0	45·9	-	63	30	29	3,5	47·2	-	3·76	95	-	15	10	20	18	2	0	2	1	0	11	-	3·81	-	28
	Southamp'n ¶§	2121 9	64	54·5	40·6	47·5	-0·3	63	23,30	30	5	-	-	3·38	86	+39	16	15	20	17	1	0	1	0	0	6	0	4·39	-1·26	32
	S. Farnboro' ..	18–7 7	237	54·9	39·3	47·1	*+0·6*	62	23	28	13	-	-	3·31	84	+46	11	15	19	17	3	0	4	1	3	14	0	4·31	*-0·73*	31

†† Tottenham is used as a "district value" station for England, E., and not for England, S.E.

g Temperature from thermometers on a Glaisher stand. ¶§ See Notes on Tables on last page of this issue.

TABLE III (*continued*).—SUMMARY of the RECORDS of TEMPERATURE, RAINFALL and SUNSHINE, and of WEATHER OBSERVATIONS, APRIL, 1935

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.		Difference from Average.	Most in a day. Amount.	Date.	WEATHER. Number of days. Precip'n. 0·2 mm. or more.	1 mm. or more.	Snow.	Snow lying.	Hail.	Thunderstorm.	Fog (Morn'g Obs.)	Ground Frost.	Gale.	BRIGHT SUNSHINE. Hours per day. Daily Mean.	Difference from Average.	Per Cent.
5. ENGLAND, S.E.—*cont.*		G.M.T.	ft.	°F.	°F.	°F.	°F.	°F.		°F.		°F.	°F.	in.	mm.	mm.	mm.												hr.	hr.	%
I. of Wight.	Newport	9 9 9	48	56·3	40·9	48·6	–	68	30	31	13	–	–	3·96	101	–	17	15	16	15	1	0	1	0	0	6	–	–	–	–
	Ryde	9 9 9	13	54·2	43·0	48·6	*+1·1*	63	30	35	4,5	–	–	3·29	84	–	16	15	17	15	0	0	0	0	0	–	2	5·74	*+0·17*	42
	Sandown ..	9 9 9	13	54·1	42·9	48·5	*+0·8*	62	24	33	5	–	–	3·43	87	–	13	15	18	15	0	0	0	0	0	–	–	6·09	*+0·10*	44
	Totland Bay ..	9 9 9	140	52·6	42·2	47·5	+0·6	60	23,24	34	3,4,13	–	–	3·17	81	+39	14	15	17	15	0	0	1	0	0	3	1	5·55	*-0·31*	41
	Ventnor (Hospital)	9 9 9	59	53·8	43·0	48·4	+0·6	62	23,24	33	5	–	–	3·59	91	+48	14	7	17	14	0	0	0	0	–	–	0	5·78	-0·26	42
Wilts.	Amesbury (Boscombe Down)	18–7 7	417	53·2	38·7	45·9	–	61	23,30	28	5,14	–	–	3·89	99	–	15	7	20	17	1	.0	2	0	0	7	0	4·59	–	33
	Larkhill	9 9 9	440	52·9	38·7	45·8	*+0·5*	61	30	28	14	–	–	3·67	93	+51	10	15	18	18	1	0	2	0	1	13	0	–	–	–
	Marlboro' ‖ ¶§	9 9 9	424	53·7	37·9	45·8	+0·9	64	30	27	5	47·3	47·3	5·50	140	+90	21	7	20	17	0	0	1	0	0	11	1	4·70	-0·13	34
	Porton	9 9 9	363	54·0	38·2	46·1	*+1·0*	62	23,30	27	14	46·3	–	3·81	97	+54	14	15	19	16	1	0	3	0	0	10	4	4·87	–	35
7a. ENGLAND, N.W.																														
Cumberland.	Keswick	9 9 9	254	52·1	38·8	45·5	*+0·6*	60	20	31	3	45·2	45·1	4·10	104	+26	30	9	17	15	1	0	1	1	0	5	0	4·20	*-0·10*	30
	Newton Rigg ¶§	2121 9	560	51·4	36·2	43·8	+0·2	59	21, 22, 29	30	3,4	–	–	3·17	81	+28	16	16	15	12	2	0	3	3	0	15	2	4·46	-0·49	32
Westmorland.	Ambleside ..	9 9 9	145	51·8	39·1	45·5	–	62	26, 27	30	13	–	–	5·42	138	–	27	9	19	19	2	0	3	4	0	–	–	3·81	–	27
	Appleby	9 9 9	440	52·4	36·2	44·3	*+0·8*	59	8, 20, 30	26	5	–	–	3·09	79	+29	20	9	16	11	1	0	1	3	–	–	–	–	–	–
Lancashire.	Bolton	9 9 9	342	53·6	40·2	46·9	+1·8	61	22, 28, 29	30	9	46·1	45·2	3·45	88	+23	13	20	17	16	2	0	3	4	–	0	–	4·65	+1·04	338
	Burnley	9 9 9	458	52·0	38·9	45·5	*+1·8*	59	28, 30	31	5, 13	45·5	45·0	2·93	75	–	13	20	19	14	2	0	2	3	0	6	–	4·60	*+0·44*	33
	Darwen	2121 9	724	52·8	38·2	45·5	*+2·0*	63	28, 30	31	3	46·2	44·6	4·44	113	+38	13	16	20	19	4	0	5	4	0	8	–	4·68	*+0·45*	34
	Hutton	9 9 9	82	53·4	39·2	46·3	*+1·2*	60	26	32	3	46·9	46·2	2·65	67	–	12	22	19	13	1	0	3	4	0	11	0	5·34	*+0·56*	38
	Lancaster ..	9 9 9	312	53·4	39·7	46·5	*+1·0*	62	26	32	3	44·3	44·9	2·81	71	+14	13	16	16	13	1	0	1	4	0	2	0	4·97	*-0·11*	35
	Leyland	9 9 9	125	54·1	39·0	46·5	*+1·3*	61	26	30	3	–	–	3·03	77	+26	11	19	17	14	0	0	1	4	0	9	–	5·50	*+0·63*	39
	Manchester (Barton) ..	18–7 7	70	54·5	39·1	46·8	–	62	20	30	15	–	–	2·68	68	–	11	20	18	15	3	0	1	3	3	11	1	5·13	–	37
	(Oldham Road)	2121 9	191	54·2	41·8	48·0	+1·3	63	28	34	3	45·8	46·4	2·52	64	+14	8	19,20	15	13	6	–	0	0	–	9	–	3·98	*+0·15*	298
	(Whitworth Pk.)	2121 9	125	53·8	41·4	47·6	+1·3	61	20, 28	32	2	–	–	2·74	70	+21	10	20	16	15	–	–	–	–	2	2	–	4·57	*+0·93*	33
	Southport .. (Bedford Rd. Pk.) ¶§	9 9 9	35	53·9	40·4	47·1	+1·4	62	26	31	15	48·1	47·9	2·23	57	+10	17	20	16	13	2	0	4	2	0	4	2	6·11	+0·46	44
	Stonyhurst ¶§	9 9 9	377	51·8	39·6	45·7	+1·2	59	30	33	3,6	–	–	3·49	89	+20	13	3	19	16	2	0	3	4	0	6	1	5·14	+0·28	37
Cheshire.	Bidston Obs'y. ..	18–7 7	198	51·5	41·6	46·5	*+0·8*	59	21, 26	34	5	–	–	1·76	45	+ 4	10	15	16	11	1	0	3	2	1	0	1	5·75	*+0·45*	41
	Hoylake	9 9 9	23	53·4	40·6	47·0	+0·6	61	21, 22	33	15	–	–	1·80	46	+ 5	12	15	16	13	1	0	1	2	–	4	–	5·92	+0·43	43
	Macclesfield ..	9 9 9	500	52·8	38·9	45·9	+1·4	63	20	29	3	–	–	4·16	106	+53	22	20	19	17	2	0	2	2	0	–	–	–	–	–
	West Kirby ..	9 9 9	25	53·6	40·6	47·1	–	62	22	33	5, 6, 15	–	–	1·82	46	+ 5	10	15	17	14	3	0	9	2	0	5	–	5·74	–	41
7b. NORTH WALES.																														
Flint.	Hawarden B'dge	9 9 9	17	54·2	40·1	47·1	+0·4	61	21, 28, 30	33	17	–	–	2·26	57	–	9	15	17	15	1	0	4	3	0	–	–	–	–	–
	Rhyl	9 9 9	31	52·8	40·8	46·8	*+0·7*	58	10, 20, 28	34	5	–	–	2·00	51	+12	10	17	19	15	1	0	3	2	0	2	1	5·69	*+0·02*	41
	Sealand .. ¶§	18–7 7	16	54·5	39·8	47·1	*+1·2*	62	28	31	17	47·5	47·1	2·08	53	+15	9	15	18	15	2	0	3	2	0	6	2	5·49	*+0·95*	39
Anglesey.	Holyhead ¶§	18–7 7	26	50·8	43·6	47·2	*+1·2*	56	22	37	15	–	–	2·26	57	+ 4	11	15	17	12	1	0	3	1	1	0	0	6·35	*+0·46*	46
Denbigh.	Colwyn Bay ..	9 9 9	118	53·7	(42·5)	(48·1)	(*+0·8*)	61	22	36	15	–	–	2·12	54	+ 7	12	15	19	11	0	0	3	1	0	–	–	5·23	*-0·29*	38
Carnarvon.	Aber	9 9 9	60	52·2	42·2	47·2	–	58	19,20	36	5	–	–	2·72	69	–	16	15	18	15	3	0	2	1	–	9	0	4·94	–	35
	Llandudno ..	9 9 9	13	52·2	42·2	47·3	*+0·6*	58	9	36	5	–	–	1·88	48	+ 5	12	15	20	13	2	0	3	1	0	0	1	5·83	+0·11	42
Montgomery.	Welshpool ..	9 9 9	254	55·8	38·6	47·2	*+1·4*	67	28	28	3,12	–	–	2·87	73	+27	10	15	21	15	1	0	0	2	0	–	–	–	–	–
8a. SOUTH WALES.																														
Cardigan.	Aberystwyth ..	9 9 9	12	51·3	41·5	46·4	*+0·1*	60	26	35	3	–	–	3·37	86	–	12	15	21	19	0	0	4	0	0	–	–	4·95	*-0·45*	36
	,, P.B.S. †	9 9 9	452	50·7	40·5	45·6	–	63	26	33	3	–	–	3·71	94	–	17	21	19	18	0	0	1	0	0	3	1	4·63	–	33
Pembroke.	Haverfordwest ..	2121 9	250	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	St. Ann's Hd. ¶§	18–7 7	142	51·9	42·6	47·3	*+1·0*	63	26	37	3	–	–	3·12	79	+30	12	15	18	14	0	0	3	1	1	–	2	5·38	-0·45	39
Radnor.	Rhayader ¶§	9 9 9	757	51·5	37·5	44·5	*+1·0*	65	28	29	12	–	–	5·73	145	+70	18	15	23	21	3	1	5	2	0	13	0	4·15	*-0·38*	30
Brecknock.	Cantref	9 9 9	1080	50·0	34·0	42·0	–	61	28	27	3,6	–	–	8·85	225	–	33	9	21	20	6	0	0	3	1	–	–	5·06	–	37
Glamorgan.	Cardiff	2121 9	202	53·5	41·7	47·6	*+1·1*	61	26	33	5	48·3	47·7	5·58	142	+79	33	15	19	16	0	0	0	0	0	5	0	5·36	*-0·32*	39
	Swansea	9 9 9	27	53·4	42·8	48·1	*+0·3*	58	25, 26, 29	35	3,5	50·1	51·0	5·98	152	–	19	15	19	18	0	0	1	1	1	3	–	5·05	*-0·31*	37
8b. ENGLAND, S.W.																														
Monmouth.	Newport	9 9 9	265	54·1	40·6	47·3	*-0·2*	62	26	33	3,5	48·6	47·0	6·71	170	–	29	15	19	16	–	–	–	–	0	–	–	5·23	–	38
	Usk	9 9 9	70	54·6	40·5	47·5	–	62	23,26	29	3,4	49·5	–	4·91	125	–	35	10	17	14	1	0	0	0	0	4	1	4·51	–	33
Somerset.	Bath .. ¶§	9 9 9	67	54·9	41·9	48·4	*+1·3*	63	23	30	5	49·7	48·8	5·05	128	+76	18	15	18	17	1	0	3	3	0	–	0	4·57	*-0·70*	33
	Cannington ..	9 9 9	95	54·7	42·4	48·5	–	61	23,26	34	4,14	–	–	4·37	111	–	20	15	22	17	0	0	4	1	0	5	0	4·85	–	35
	Long Ashton ..	9 9 9	162	54·1	41·5	47·8	*+1·0*	61	23,26	31	4	–	–	4·85	123	+68	23	9	19	17	1	0	4	1	1	8	0	4·23	*-1·28*	31
Dorset.	Holton Heath ..	9 9 9	64	54·9	40·7	47·8	*+1·0*	62	30	30	3,5	49·7	49·2	3·88	99	–	15	15	19	18	1	0	3	0	0	6	0	4·67	*-0·75*	34
	Portland Bill ..	18–7 7	32	51·3	44·5	47·9	*+1·0*	61	24	38	3	–	–	3·09	79	+41	12	15	19	16	0	0	0	0	0	–	0	–	–	–
	Shaftesbury ..	9 9 9	722	51·2	39·2	45·2	-0·1	59	30	30	5	–	–	3·09	78	+24	10	14	18	17	1	0	3	0	–	–	–	–	–	–
Devon.	Arlington ..	9 9 9	613	53·1	40·0	46·5	+1·2	61	26	34	4,5,12	–	–	6·92	176	+98	22	18	19	19	0	0	4	1	–	4	–	–	–	–
	Cullompton ¶§	9 9 9	202	56·0	41·2	48·6	+1·3	64	29	31	14	50·0	–	4·73	120	+62	17	18	21	18	0	0	2	1	0	11	–	4·22	-1·63	31
	Ilfracombe ..	9 9 9	25	52·9	44·6	48·7	*+1·0*	59	26	40	5	50·3	50·4	5·85	149	+98	26	9	21	17	0	0	1	0	0	0	–	4·99	*-0·54*	36

† Plant Breeding Station. ¶§ *See* Notes on Tables on last page of this issue. ‖ On and after April 14th. observations were taken one hour earlier than the times shown.

TABLE III (*continued*).—SUMMARY of the RECORDS of TEMPERATURE, RAINFALL and SUNSHINE, and of WEATHER OBSERVATIONS, APRIL, 1935

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	B	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.		Difference from Average.	Most in a day. Amount.	Date.	WEATHER. Number of days. Precip'n. 0·2 mm. or more.	1 mm. or more.	Snow.	Snow lying.	Hail.	Thunderstorm.	Fog (Morn'g Obs.)	Ground Frost.	Gale.	BRIGHT SUNSHINE. Hours per day. Daily Mean.	Difference from Average.	Per Cent.
8b. ENGLAND, S.W.—*cont.*	G.M.T.	ft.	°F.	°F.	°F.	°F.	°F.		°F.		°F.	°F.	in.	mm.	mm.	mm.												hr.	hr.	%
Devon.—*cont.* Killerton ..	9 9 9	159	55·8	41·0	48·4	+1·3	64	29	31	3	-	-	3·44	87	-	16	15	20	17	-	-	-	-	0	12	-	-	-	-
Newton Abbot ..	9 9 9	375	54·5	42·3	48·4	-	63	26	34	3	-	-	4·31	109	+55	22	15	19	16	1	0	2	0	0	7	-	4·93	-	36
Paignton ..	9 9 9	12	55·0	43·2	49·1	+1·1	62	30	35	4,6	-	-	4·07	103	-	19	15	19	14	0	0	1	2	0	6	-	5·23	-0·79	38
Plymouth (Hoe)	2121 9	117	54·5	44·2	49·3	+1·4	62	24, 26	36	3,4	50·7	49·7	4·34	125	+67	21	15	22	18	0	0	2	2	0	0	3	4·92	-1·00	36
Plymouth (Mount Batten) ..	18–7 7	82	52·9	45·0	48·9	+1·4	62	24	37	4	-	-	4·53	115	-	20	15	19	19	0	0	4	2	0	1	1	4·83	-1·05	35
Princetown ..	9 9 9	1430	50·6	37·4	44·0	+1·3	58	27, 29, 30	30	5,6	-	-	9·43	239	+111	29	7	21	20	2	0	3	1	8	-	-	-	-	-
Salcombe ..	9 9 9	39	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sidmouth ..	9 9 9	25	54·7	42·7	48·7	+1·8	62	26	33	3,5	-	-	3·87	98	-	19	15	19	15	0	0	2	0	0	(4)	-	5·29	-	39
Tavistock ..	9 9 9	457	53·0	41·4	47·2	+0·5	62	24, 26	30	4	-	48·8	5·72	145	+71	19	15	22	18	0	0	3	3	0	7	1	-	-	-
Teignmouth ..	9 9 9	20	54·6	44·8	49·7	+1·4	60	24, 26	36	4,5	-	-	3·66	93	+42	20	15	17	16	0	0	2	0	0	0	-	5·27	-0·78	38
Torquay ..	9 9 9	27	54·9	43·5	49·2	+0·7	61	24, 26, 30	33	5	-	49·3	3·68	93	+42	17	15	19	17	0	0	1	1	0	3	1	5·66	-0·47	41
Woolacombe ..	9 9 9	60	53·2	44·2	48·7	+1·1	61	26	40	3,5,7	-	-	4·60	117	+73	18	9	20	17	0	0	1	1	0	0	-	-	-	-
Cornwall. Falmouth Obs. ¶§	9 9 9	167	54·3	44·3	49·3	+1·5	62	24	37	3	50·1	50·9	4·92	125	+58	22	15	21	15	0	0	5	1	0	0	-	4·95	-1·32	36
Fowey	9 9 9	51	54·8	43·6	49·2	+0·7	65	24	36	4	-	-	4·56	116	-	19	15	23	20	0	0	1	2	0	-	-	4·54	-1·56	33
Gulval	9 9 9	20	55·0	41·5	48·3	-	61	26, 27	35	13	-	-	4·37	111	-	26	15	18	16	0	0	3	0	-	0	-	5·22	-	38
The Lizard ..	18–7 7	240	53·2	43·9	48·5	-	63	24	35	3	-	-	3·78	96	-	17	15	17	16	0	0	3	0	0	-	2	-	-	-
Newquay ..	9 9 9	190	52·4	43·8	48·1	+1·0	58	26	38	18	49·4	48·9	3·57	91	+40	16	7	19	16	0	0	1	0	0	-	0	4·77	-1·23	35
Redruth	9 9 9	397	52·3	42·6	47·5	+1·0	59	27	35	3	-	-	5·21	132	+59	25	15	22	19	0	0	5	1	1	2	2	-	-	-
9. IRELAND, N.																													
Sligo. Markree Cas. ¶§	2121 9	122	54·2	38·8	46·5	+1·2	65	26	28	12	48·0	47·0	4·21	107	+39	16	22	19	18	1	0	8	2	0	-	1	4·63	-0·42	33
Mayo. Blacksod Pt. ¶	18–7 7	18	51·8	41·8	46·8	-	61	26	38	6,16	-	-	3·89	99	+25	21	9	21	18	0	0	2	1	0	-	0	-	-	-
Mallaranny §	9 9 9	113	54·5	40·8	47·7	+1·4	66	26	33	12	-	-	4·20	107	-	16	9	18	18	-	-	-	-	0	-	-	5·43	+0·39	39
Donegal. Malin Head ¶§	18–7 7	83	48·5	41·3	44·9	+0·1	54	9	33	5	-	-	3·03	77	+27	15	7	20	16	2	0	3	0	1	-	0	4·82	-0·99	34
Antrim. Aldergrove ..	18–7 7	238	52·7	39·1	45·9	-	62	27	31	12	-	-	2·40	61	+ 7	8	8	17	16	2	0	3	0	1	5	2	5·02	-	36
Down. Donaghadee ..	18–7 7	40	50·5	39·5	45·0	-0·3	58	10	32	5,9	-	-	1·70	43	- 8	8	19	19	13	2	0	1	0	0	-	0	-	-	-
Hillsborough ..	9 9 9	388	50·9	38·1	44·5	-	58	27, 29	32	5,12	46·2	-	2·16	55	-	10	19	17	14	2	0	1	0	0	9	0	5·01	-	36
Armagh. Armagh .. ¶§	2121 9	204	53·8	38·7	46·3	+1·0	62	29	33	5,12	48·0	46·8	2·11	54	+ 1	12	21	20	16	2	0	5	0	0	7	1	5·40	+0·26	39
Longford. Newtownforbes ..	2121 9	154	53·7	38·2	45·9	+1·0	64	29	32	3,16	46·5	46·5	2·96	75	+14	10	19	18	18	0	0	2	0	-	-	-	-	-	-
10. IRELAND, S.																													
Dublin. Balbriggan	9 9 9	203	52·2	39·9	46·1	+0·6	60	9	31	3	47·5	47·7	2·82	72	+24	13	6	19	15	0	0	2	0	1	7	-	-	-	-
Dublin City .. ¶	2121 9	54	52·8	42·0	47·4	+0·3	60	9	34	6	-	-	1·52	39	- 9	7	20	20	13	1	0	2	0	1	3	0	-	-	-
,, Glasnevin ..	2121 9	55	53·1	38·0	45·5	0·0	60	9	29	12	-	-	1·95	50	+ 2	8	20	18	14	0	0	4	0	1	7	0	-	-	-
,, Phœnix Pk. §	2121 9	155	53·1	37·3	45·2	+0·5	60	9, 29	26	12	-	-	2·08	52	+ 6	6	19	20	16	2	0	1	0	2	16	-	4·82	-0·58	35
,, Trin. Coll. ..	2121 9	13	53·5	41·1	47·3	+0·6	62	9	34	3,5,6	48·4	48·0	1·57	40	- 7	7	20	19	13	2	0	3	0	-	7	0	-	-	-
Hazelhatch .. .. (Peamount San.)	9 9 9	366	51·3	37·7	44·5	-	62	29	29	3	46·6	46·6	2·14	54	-	17	3	17	14	-	-	-	-	1	-	-	4·85	-	35
Rathfarnham ..	9 9 9	169	51·9	39·5	45·7	-	59	9	31	3,12	46·8	-	1·90	48	-	10	20	21	13	1	0	3	2	1	6	-	4·67	-	34
Wicklow. Newcastle ..	2121 9	256	53·0	39·0	46·0	+0·1	58	7,10	33	5,6	-	-	3·31	84	-	17	6	18	14	0	0	0	0	1	-	-	-	-	-
Offaly. Birr Castle ¶§	18–7 7	173	54·6	39·1	46·9	+1·4	66	29	29	12	48·1	47·5	1·77	45	- 9	8	6	18	14	0	0	2	0	2	12	0	5·24	+0·11	38
Leix. Mountmellick ..	9 9 9	245	53·2	39·3	46·3	+0·8	64	28	30	12	-	-	3·05	77	-	13	6	20	14	-	-	-	-	-	-	-	-	-	-
Waterford. Seskin, Carrick-on-Suir	2121 9	535	53·5	38·9	46·2	+0·5	64	28	32	3,6	-	-	4·56	116	-	21	19	19	16	3	0	2	0	1	8	2	5·51	+0·07	40
Waterford ¶	9 9 9	137	54·3	40·6	47·7	+0·9	66	27	32	6	-	-	3·51	89	+25	17	19	18	15	0	0	0	0	4	-	2	-	-	-
Limerick. Foynes	9 9 9	43	55·4	40·8	48·1	+1·2	65	29	34	12	-	-	3·75	95	+33	34	13	21	14	-	-	-	-	-	-	-	-	-	-
Kerry. Valentia Obs. ¶§	242424	30	53·8	43·9	48·9	+1·7	62	27	39	25	50·2	49·6	3·73	95	+ 2	13	6	21	18	1	0	3	0	0	1	2	5·48	+0·18	40
	18–7 –	—	54·0	42·8	48·4	+1·2																							
Cork. Ballinacurra §	9 9 9	24	54·2	40·4	47·3	+0·7	62	28	34	3	-	-	3·49	89	+23	14	13	19	13	0	0	1	1	-	-	-	5·35	-0·12	39
Cork	9 9 9	57	55·8	40·2	48·0	-	67	28	34	3	-	-	3·31	84	+18	18	9	17	13	0	0	0	0	1	3	-	4·98	-	36
Roche's Pt. ¶	18–7 7	22	52·2	43·4	47·8	+0·7	58	26	38	3	-	-	3·58	91	+23	15	18	18	17	0	0	5	1	1	-	1	-	-	-
11. CHANNEL ISLES AND SCILLY.																													
Scilly. St. Mary's ¶§	18–7 7	163	53·1	45·1	49·1	+0·9	60	27, 28	40	5	-	-	3·75	95	+46	18	15	17	11	0	0	3	0	1	-	2	5·35	-0·95	39
Guernsey. St. Peter Port ¶§	18–7 7	175	53·4	45·2	49·3	+1·2	58	19, 21, 24	40	2,3,4	50·9	50·0	3·49	89	+38	11	8	19	17	0	0	0	0	0	2	2	5·48	-1·14	40
Jersey. St. Heliers ¶§	9 9 9	28	53·4	45·9	49·7	+0·8	61	24	40	4	-	-	3·15	80	+31	20	11	18	15	0	0	1	0	0	-	-	4·83	-1·55	36
GIBRALTAR	18–7 7	102	71·1	53·8	62·5	+1·8	82	14	47	7	-	-	1·74	44	-24	16	28	4	4	0	0	0	0	0	0	0	-	-	-
MALTA	18–7 7	231	64·3	54·8	59·5	-0·8	76	12	46	1	-	-	0·22	6	-14	3	28	3	2	0	0	0	1	0	-	0	9·84	-	75

¶§ § *See* Notes on Tables on last page of this issue.

TABLE III (*a*).—RIVER TEMPERATURE

Place.	River.	Hour.	Highest.	Lowest.	Mean.	Difference from Average.
			°F.	°F.	°F.	°F.
Belper	Derwent	9	-	-	-	-
Attenborough	Trent	7	53·6	44·6	49·6	-
	,,	18	54·8	45·0	50·5	-

TABLE III (*b*).—SKY OBSERVATIONS, APRIL, 1935

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

NIGHT SKY RECORDER.**	GREENWICH.	PORTON.
Recorder in operation on	29 nights	30 nights
Average exposure (hours)	7·69	7·68
Polaris unobscured (per cent.)	48	56
δ Ursæ Minoris (ditto)	43	49

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

TABLE III (*c*).—SOLAR RADIATION.

DIRECT SOLAR RADIATION KEW OBSERVATORY.	Cal./cm.²/diem.
Max. (6th)	389
Mean	121

TABLE IV.—SUMMARY of the OBSERVATIONS of PRESSURE, TEMPERATURE, HUMIDITY, CLOUD, VISIBILITY and WIND at fixed hours at certain Stations during the month of APRIL, 1935

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.							
															Fog.				Mist.	Poor Vis.	Mod. Vis.	Good Visibility.												
										0	1 to 3	4 to 6	7 to 9	10	0	1	2	3	4	5	6	7	8	9	8 or more.	4 to 7	1 to 3	Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
0. SCOTLAND, N.	G.M.T.	ft.	mb.	mb.	°F.	°F.	mb.	%																										
	1	160	1007·5	-	40·0	1·0	7·6	91	7·6	0	2	7	12	9	0	0	*0*	0	0	0	5	*6*	17	*2*	2	16	9	3	6	5	2	4	1	2	2	5
Shetlands. Lerwick	7	160	1007·3	-3·8	40·5	1·4	7·7	87	8·3	0	0	4	20	6	0	0	*0*	0	0	0	2	*7*	21	*0*	1	12	16	1	9	3	4	2	3	2	2	4
	13	160	1007·8	-	43·7	2·2	8·1	82	8·4	0	0	4	21	5	0	1	*0*	0	0	1	3	*3*	19	*3*	2	14	14	0	10	4	4	2	4	1	1	4
	18	160	1008·3	-	42·2	1·8	7·6	84	8·0	0	0	8	15	7	0	0	*0*	0	1	0	3	*5*	19	*2*	0	14	15	1	7	4	3	3	3	2	1	6
	9	165	1007·6	-	43·2	2·0	7·8	83	7·6	0	1	8	15	6	0	0	0	1	*0*	0	*3*	5	19	2	-	-	-	-	-	-	-	-	-	-	-	-
Orkneys. Deerness	21	165	1009·0	-	41·5	1·7	7·5	85	6·6	0	9	4	9	8	0	0	0	0	*1*	0	*0*	3	26	0	-	-	-	-	-	-	-	-	-	-	-	-
	1	83	1008·9	-	41·3	1·4	7·7	87	6·6	1	3	8	13	5	*0*	0	0	0	0	1	6	13	10	0	0	8	17	5	10	4	2	2	2	1	2	2
Hebrides. Stornoway ..	7	83	1008·4	-2·9	42·0	1·6	7·8	86	8·3	0	0	6	17	7	*0*	0	1	0	0	0	8	7	12	2	0	9	18	3	9	4	2	4	1	1	0	6
	13	83	1008·6	-	46·4	3·3	7·8	75	8·0	0	1	7	14	8	*0*	0	0	0	0	0	5	4	15	6	2	9	19	0	6	5	5	6	2	0	1	5
	18	83	1009·1	-	45·2	2·7	7·9	79	7·7	0	2	6	14	8	*0*	0	0	0	0	0	1	14	13	2	0	10	20	0	9	7	5	2	1	1	0	5
	1	79	1007·9	-	40·8	0·6	8·2	95	8·2	0	0	5	15	10	0	0	0	*0*	0	*1*	*3*	*3*	*23*	*0*	2	13	15	0	4	0	3	3	4	0	4	12
Caithness. Wick	7	79	1007·2	-4·3	41·3	0·6	8·6	95	9·0	0	0	0	15	15	0	0	0	*0*	0	*0*	*5*	*4*	*21*	*0*	3	10	17	0	4	3	3	2	4	0	3	11
	13	79	1007·8	-	45·5	1·7	8·8	86	8·6	0	0	2	16	12	0	0	0	*0*	0	0	*2*	*4*	*24*	*0*	3	12	15	0	4	3	3	4	1	0	9	
	18	79	1008·3	-	44·0	1·5	8·6	87	8·2	0	0	4	14	12	0	0	0	*0*	0	*1*	*2*	*4*	*23*	*0*	3	12	15	0	4	3	3	4	4	1	1	10
	7	1180	964·3	-	36·6	1·1	6·8	89	8·7	1	1	2	7	19	0	0	0	0	1	1	6	8	14	*0*	0	5	18	7	12	4	0	2	1	1	1	2
Inverness. Dalwhinnie † ‖ ..	13	1180	964·3	-	45·0	4·2	6·8	67	8·0	0	4	4	7	15	0	0	0	0	0	4	7	19	*0*	0	7	22	1	6	8	0	2	5	3	4	1	
	18	1180	965·4	-	43·2	3·7	6·5	69	7·4	0	5	4	7	14	0	0	0	0	0	0	1	14	15	*0*	0	6	24	0	5	10	1	3	4	1	4	2
	9	250	1007·9	-	42·9	2·4	7·5	79	6·6	0	5	8	11	6	*0*	*0*	*0*	*1*	*0*	*1*	10	*1*	10	7	0	6	22	2	0	10	0	0	3	2	0	13
Inverness. Inverness	17	250	1007·6	-	47·1	3·6	8·0	73	6·1	0	5	10	13	2	*0*	*0*	*0*	*0*	*0*	*0*	8	*1*	18	3	0	6	22	2	2	13	1	1	4	0	1	6
1. SCOTLAND, E.																																		
	7	85	1007·0	-5·6	41·3	1·6	7·6	86	8·1	0	3	2	14	11	0	0	1	1	0	4	7	*3*	14	*0*	0	10	19	1	3	2	1	4	2	2	5	10
	13	85	1007·6	-5·1	45·5	3·0	8·0	77	8·4	0	1	5	14	10	0	0	0	0	0	2	7	*2*	19	*0*	0	17	13	0	3	5	3	5	2	2	2	8
Aberdeen. Aberdeen H	18	85	1008·2	-4·5	44·7	3·0	7·7	77	6·8	0	8	2	12	8	0	0	1	0	0	2	7	*3*	17	*0*	0	14	16	0	6	4	2	6	3	1	1	7
	21	85	1008·7	-4·4	41·7	1·7	7·7	86	6·3	5	5	2	7	11	0	0	1	0	1	2	5	*9*	12	*0*	0	9	21	0	3	1	3	4	3	1	7	8
	h.*	85	1007·6	-5·1	42·8	2·1	7·8	83																										
Aberdeen. Braemar‡	9	1108	1007·5	-	39·3	2·4	6·3	77	8·2	0	2	4	10	14	*0*	*0*	*0*	*0*	*1*	*2*	*9*	*18*	*0*	*0*	0	2	25	3	9	6	2	2	2	2	0	4
	9	482	1007·1	-	43·7	3·1	7·3	75	8·2	0	3	4	7	16	-	-	-	-	-	-	-	-	-	-	0	13	17	0	6	4	10	0	2	0	3	5
Perth. Crieff	21	482	1008·2	-	42·7	2·2	7·7	81	7·9	3	2	3	3	19	-	-	-	-	-	-	-	-	-	-	0	8	22	0	5	3	11	1	2	0	7	1
	1	184	1008·2	-	41·9	1·0	8·3	91	6·1	2	7	6	8	7	0	0	0	0	*0*	0	1	7	*20*	*2*	0	6	24	0	4	5	7	4	1	5	1	3
	7	184	1007·6	-	41·2	1·2	7·9	89	7·7	0	1	5	18	6	0	0	0	2	*0*	1	2	9	*16*	*0*	0	4	26	0	5	2	8	2	2	3	3	5
Fife. Inchkeith	13	184	1008·1	-	46·1	1·8	9·0	86	8·8	0	0	0	24	6	0	0	0	0	*1*	0	0	11	*18*	*0*	2	6	22	0	2	6	10	1	3	3	2	3
	18	184	1008·3	-	45·8	1·7	9·2	87	7·9	0	1	5	20	4	0	0	0	0	*0*	1	0	8	*21*	*0*	0	9	21	0	1	8	11	2	0	4	2	2
	7	36	1007·3	-	40·7	1·5	7·6	86	7·5	0	4	4	13	9	0	0	0	0	0	2	9	8	*9*	*2*	0	4	22	4	2	1	5	1	2	3	7	5
Fife. Leuchars H	13	36	1007·8	-	48·1	4·0	8·1	71	8·3	0	0	2	23	5	0	0	0	0	0	1	4	9	*12*	*4*	0	5	25	0	3	0	12	4	2	2	1	6
	18	36	1008·2	-	46·1	3·1	8·1	76	8·1	0	2	4	14	10	0	0	0	1	0	0	1	11	*13*	*4*	0	6	24	0	3	3	9	7	1	2	2	3
	9	441	1007·7	-	43·0	2·7	7·3	77	7·9	0	4	4	5	17	0	0	0	1	3	9	16	*1*	*0*	0	0	5	19	6	2	6	0	5	1	1	3	6
Mid Lothian. Edinburgh .. (Blackford Hill)	21	441	1008·6	-	41·9	2·0	7·5	83	6·6	2	7	3	5	13	0	0	0	0	1	4	23	*2*	*0*	0	0	6	22	2	1	2	10	7	1	0	3	4
6a. SCOTLAND, W.																																		
	7	40	1007·6	-	44·0	2·1	8·1	83	6·7	0	7	2	14	7	0	0	0	0	0	0	8	6	*14*	2	0	17	10	3	10	3	6	3	2	0	1	2
Argyll. Tiree	13	40	1008·5	-	48·0	3·4	8·5	74	6·1	0	10	4	8	8	0	0	0	1	0	0	4	5	*6*	14	0	19	11	0	14	2	1	4	2	1	2	4
	18	40	1008·6	-	46·5	2·4	9·0	81	5·9	0	9	6	10	5	0	0	0	0	1	0	2	11	*9*	7	0	15	15	0	12	2	1	2	4	1	1	7
	9	187	1007·4	-	45·1	2·5	8·1	80	6·1	0	6	8	12	4	0	0	0	*0*	*0*	*4*	14	*3*	*8*	*1*	3	13	13	1	4	0	13	0	3	0	1	8
Bute. Rothesay	21	187	1007·9	-	45·0	2·4	8·2	81	5·6	0	6	14	7	3	0	0	0	*0*	*0*	*0*	*9*	8	*11*	*2*	*0*	0	8	18	4	5	2	5	3	1	2	1	7
	7	24	1007·7	-	41·5	1·5	7·6	87	7·7	1	2	5	13	9	0	0	0	0	8	3	6	2	*5*	*6*	0	5	23	2	3	4	9	1	0	7	3	1
Renfrew. Renfrew .. .. (Abbotsinch)	13	24	1007·6	-	50·3	4·3	8·2	66	8·4	0	1	5	14	10	0	0	0	0	0	3	8	5	*4*	*10*	1	9	19	1	2	4	5	3	0	4	4	7
	18	24	1007·8	-	48·7	3·8	8·6	73	6·8	1	5	5	10	9	0	0	0	0	0	3	6	6	*9*	*6*	0	7	22	1	4	6	6	1	2	4	2	4
	7	778	1007·8	-	39·0	1·4	7·0	87	8·1	0	5	0	9	16	0	0	1	1	0	0	*12*	*4*	*9*	*3*	0	8	18	4	10	5	1	1	1	3	2	3
	13	778	1007·6	-	46·0	4·1	7·3	69	8·5	0	1	2	20	7	0	0	0	0	0	0	*7*	*11*	*11*	*1*	1	15	14	0	4	5	4	4	3	4	2	4
Dumfries. Eskdalemuir‡‡ H	18	778	1007·9	-	44·2	3·3	7·3	74	7·7	0	6	2	9	13	0	0	0	0	0	1	*7*	*7*	*14*	*1*	0	11	17	2	4	8	5	3	1	2	3	2
	21	778	1008·7	-	40·3	1·7	7·3	86	6·7	1	7	3	10	9	0	0	0	0	0	1	*9*	*5*	*14*	*1*	1	11	13	5	7	5	3	2	1	2	3	2
	h.*	778	1007·9	-	41·5	2·3	7·1	80																										
6b. ISLE OF MAN.																																		
Isle of Man. Douglas .. H	9	286	1008·3	-5·5	45·5	2·4	8·2	82	6·9	0	8	0	13	9	0	0	0	*1*	0	0	*6*	*10*	*13*	*0*	1	13	16	0	4	2	5	4	2	4	4	5
2. ENGLAND, N.E.																																		
	9	331	1007·4	-	43·8	2·0	8·2	84	7·5	0	4	9	2	15	0	0	0	0	1	*1*	6	*5*	12	*5*	0	5	23	2	5	2	1	6	1	4	4	5
Northumberland. Cockle Park ..	21	331	1008·5	-	40·9	1·2	7·3	89	7·9	1	3	5	1	20	0	0	0	0	1	*3*	3	*8*	14	*1*	0	5	21	4	7	2	0	3	3	1	7	3
	1	122	1007·7	-	42·9	1·1	8·5	91	7·3	3	2	6	5	14	0	0	0	0	1	1	6	*15*	7	*0*	0	7	21	2	8	1	0	5	4	3	3	4
Northumberland. Tynemouth ..	7	122	1007·3	-6·0	42·3	1·2	8·1	90	7·3	0	3	8	12	7	0	0	0	1	3	1	8	*10*	7	*0*	0	8	22	0	8	2	0	3	6	3	5	3
	13	122	1007·8	-	46·6	2·4	9·0	81	7·1	0	2	12	11	5	0	0	0	0	0	0	7	*13*	10	*0*	1	8	21	0	9	3	1	7	0	1	6	3
	18	122	1008·0	-	45·4	2·1	8·4	83	7·4	0	3	9	12	6	0	0	0	0	0	0	8	*14*	8	*0*	0	8	22	0	10	2	1	7	2	0	4	4

* Mean of hourly readings. † Pressure at Station level. ‡ Mean pressure at Station Level is 966·4 mb.

‡‡ Mean pressures at Station Level are 978·8 mb. at 7 h., 979·1 mb. at 13 h., 979·3 mb. at 18 h., and 979·9 mb. at 21 h.

‖ Observations taken at 17 h., instead of 18 h., G.M.T. on Sundays during Summer Time.

TABLE IV (*continued*).—SUMMARY of the OBSERVATIONS of PRESSURE, TEMPERATURE, HUMIDITY, CLOUD, VISIBILITY and WIND at fixed hours at certain Stations during the month of APRIL, 1935

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 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.	4 to 7	1 to 3	Calm.	Direction. N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
2. ENGLAND, N.E.—*cont.*		G.M.T.	ft.	mb.	mb.	°F.	°F.	mb.	%																											
Durham.	Durham	9	352	1007·8	–	44·3	2·7	7·9	78	7·0	2	6	2	5	15	0	0	0	0	3	5	8	9	*5*	*0*	0	8	20	2	8	3	1	1	5	2	6	2
		21	352	1008·9	–	41·9	1·5	7·9	87	7·2	6	3	0	1	20	0	0	0	0	1	4	14	9	*2*	*0*	1	4	21	4	6	4	4	1	5	1	3	2
Yorks., N. Riding	Catterick .. H	7	186	1008·1	–	41·5	1·3	7·9	88	7·9	1	3	2	12	12	0	1	0	1	0	3	*8*	7	*10*	*0*	0	9	14	7	8	1	0	3	1	3	2	5
		13	186	1008·1	–	49·1	4·4	8·2	69	8·7	0	0	2	21	7	0	0	0	0	0	0	*9*	7	*14*	*0*	0	15	13	2	5	6	2	3	3	1	5	3
		18	186	1008·4	–	46·3	3·0	8·3	77	7·9	0	2	5	14	9	0	0	0	0	0	4	*5*	9	*12*	*0*	0	8	21	1	2	9	4	3	2	2	4	3
Yorks., N. Riding.	Scarborough ..	9	96	1007·4	–	47·2	3·3	8·3	75	5·4	0	13	5	11	1	0	0	0	1	2	0	16	9	*2*	*0*	0	5	25	0	3	1	0	7	1	3	2	13
	York	9	53	1008·2	–	46·2	3·4	7·8	74	6·7	4	2	8	2	14	–	–	–	–	–	–	–	–	–	–	0	1	28	1	12	0	2	3	3	2	4	3
		21	53	1009·2	–	45·0	2·9	7·8	77	6·4	8	1	3	2	16	–	–	–	–	–	–	–	–	–	–	0	0	29	1	10	2	1	7	3	4	2	0
Yorks., E. Riding.	Spurn Head ..	1	28	1008·0	–	43·6	1·0	9·0	92	6·6	1	9	4	7	9	*0*	*0*	0	0	0	*0*	*5*	17	8	*0*	0	10	8	12	2	4	0	0	3	2	4	3
		7	28	1007·4	–6·0	43·9	1·2	8·8	90	7·7	0	2	5	17	6	*0*	*0*	0	0	2	*0*	*5*	17	6	*0*	0	10	6	14	5	3	0	2	1	1	2	2
		13	28	1008·3	–	48·7	3·2	9·0	77	7·2	0	0	10	19	1	*0*	*0*	0	0	0	*1*	*4*	19	6	*0*	0	11	11	8	7	2	0	3	1	1	4	4
		18	28	1008·5	–	46·3	2·5	8·5	81	7·2	0	1	8	19	2	*0*	*1*	0	0	0	*0*	*6*	15	8	*0*	0	11	10	9	7	2	0	4	1	2	3	2
Lincoln.	Cranwell .. H	7	243	1008·7	–	42·0	1·2	8·3	90	7·4	2	4	2	11	11	0	1	0	0	*0*	4	15	5	5	*0*	0	11	19	0	6	0	2	3	3	4	6	6
		13	243	1009·2	–	51·0	5·2	8·4	66	8·1	0	0	5	21	4	0	0	0	0	*0*	0	7	16	7	*0*	0	21	8	1	6	2	2	5	2	4	4	4
		18	243	1009·5	–	48·1	3·8	8·3	72	7·7	0	3	4	17	6	0	0	0	0	*1*	0	10	9	10	*0*	0	12	16	2	6	2	3	4	3	3	4	2	4
3. ENGLAND, E.																																					
Norfolk.	Cromer .. H	9	74	1008·0	–	46·9	2·4	9·0	82	7·4	0	1	11	8	10	0	0	0	0	0	0	*3*	*8*	*19*	*0*	0	12	18	0	11	0	0	4	7	2	4	2
		1	26	1009·0	–	44·3	1·6	8·5	87	5·9	6	7	1	5	11	0	0	0	0	*0*	0	*13*	*17*	*0*	*0*	0	13	17	0	5	0	0	4	9	4	4	4
Norfolk.	Yarmouth	7	26	1008·0	–5·7	43·7	1·7	8·4	86	7·9	0	1	6	14	9	0	0	0	1	*0*	1	*22*	*6*	0	*0*	1	19	9	1	6	0	0	6	3	5	5	4
		13	26	1008·9	–	48·7	3·7	8·4	73	7·9	0	0	10	14	6	0	0	0	0	*0*	0	*21*	*9*	0	*0*	0	24	6	0	7	2	2	5	1	5	4	4
		18	26	1009·4	–	47·9	3·5	9·3	81	6·7	1	2	9	16	2	0	0	0	0	*0*	0	*18*	*12*	0	*0*	0	18	12	0	4	2	1	6	3	7	1	6
Suffolk.	Felixstowe Aero.	7	20	1008·8	–	44·8	1·8	8·6	85	7·1	1	5	5	10	9	0	0	0	0	0	1	10	*15*	*4*	*0*	0	18	10	2	6	0	0	3	4	6	5	4
		13	20	1009·7	–	49·8	4·2	8·5	70	7·5	0	3	5	15	7	0	0	0	0	0	0	4	*15*	*11*	*0*	0	22	8	0	5	2	2	5	2	6	4	4
		18	20	1010·0	–	47·6	3·3	8·5	76	6·2	0	6	9	12	3	0	0	0	0	0	0	4	*17*	*9*	*0*	0	15	15	0	6	2	2	5	5	5	1	4
Cambridge.	Cambridge H	9	43	1009·2	–5·2	47·9	3·1	8·9	78	7·5	1	4	4	6	15	–	–	–	–	–	–	–	–	–	–	0	5	22	3	3	4	1	0	1	6	8	4
		21	43	1010·3	–3·9	44·6	1·8	9·0	88	5·1	12	2	1	3	12	–	–	–	–	–	–	–	–	–	–	0	1	24	5	2	4	0	2	9	2	5	1
Hertford.	Rothamsted ..	9	396	1008·6	–	46·2	2·6	8·4	80	6·8	0	7	6	10	7	0	0	0	0	0	*3*	*27*	*0*	*0*	*0*	0	9	15	6	5	0	1	2	3	2	8	3
Essex.	Shoeburyness H	7	14	1009·3	–	45·3	1·8	8·9	86	6·6	2	7	1	14	6	0	1	0	0	1	1	5	14	8	0	0	13	16	1	7	0	0	2	4	7	5	4
		13	14	1010·2	–	50·9	3·8	9·4	73	8·1	0	2	2	22	4	0	0	0	0	0	0	5	12	13	0	0	12	18	0	4	2	2	3	2	6	6	5
		18	14	1010·4	–	48·6	2·9	9·3	80	7·4	0	2	7	15	6	0	0	0	0	0	0	3	12	13	2	0	5	25	0	4	2	2	1	6	8	2	5
4. MIDLAND COUNTIES.																																					
Yorks., W. Riding.	Harrogate ..	7	478	1008·4	–	41·4	1·6	7·5	86	6·5	1	10	1	7	11	0	1	*0*	3	1	7	0	*8*	6	4	0	3	25	2	7	1	1	1	4	7	4	3
		13	478	1008·4	–	49·2	5·0	7·6	64	7·3	0	5	5	14	6	0	0	*0*	0	0	2	4	*14*	2	8	0	6	24	0	7	2	2	6	1	5	6	1
		18	478	1008·9	–	46·5	3·8	7·9	71	6·9	0	7	1	14	8	0	0	*0*	0	0	6	2	*13*	4	5	0	3	26	1	5	1	3	4	2	6	6	2
Nottingham.	Nottingham ..	9	215	1008·4	–	46·9	3·5	8·1	73	7·0	0	1	13	9	7	0	0	0	1	4	3	13	6	*3*	*0*	0	2	28	0	7	1	0	4	4	3	10	1
Warwick.	Birmingham H	7	542	1009·4	–	42·1	1·5	8·0	87	7·0	2	5	2	13	8	0	0	0	1	4	6	10	1	*8*	*0*	0	11	18	1	5	4	0	2	2	6	7	3
		13	542	1009·4	–	49·9	5·4	7·6	63	6·8	1	2	5	19	3	0	0	0	1	4	0	10	1	*14*	*0*	0	11	18	1	3	4	0	2	2	6	6	6
		18	542	1009·4	–	48·9	4·6	8·2	69	6·5	1	6	4	14	5	0	0	0	0	0	4	13	2	*11*	*0*	0	8	21	1	4	3	1	3	6	6	2	4
Oxford.	Oxford	9	212	1010·1	–4·8	47·0	3·3	8·3	75	7·3	0	5	5	10	10	0	0	*0*	0	2	1	5	9	13	*0*	0	15	15	0	4	4	0	3	1	7	8	3
Shropshire.	Shrewsbury H	9	186	1009·2	–	46·9	3·4	8·1	74	6·9	0	1	14	9	6	0	0	0	0	1	0	6	1	22	*0*	0	14	11	5	5	0	0	4	3	2	10	1
Hereford.	Ross-on-Wye H	7	226	1009·6	–	43·3	2·2	7·9	82	6·8	1	4	7	11	7	*0*	*3*	0	0	1	0	8	4	14	*0*	0	5	24	1	4	4	3	1	2	6	7	2
		13	226	1009·7	–	52·1	6·1	8·0	60	6·8	1	2	12	9	6	*0*	*0*	0	0	2	0	6	3	17	*2*	0	11	19	0	3	5	2	1	3	5	9	2
		18	226	1009·4	–	49·5	4·2	8·6	71	7·0	1	6	3	11	9	*0*	*0*	0	0	1	3	3	7	15	*1*	0	5	25	0	4	1	3	1	3	11	4	3
		21	226	1009·8	–	45·7	2·3	8·7	82	5·4	2	12	2	5	9	*0*	*0*	0	0	2	3	5	8	12	*0*	0	2	27	1	3	1	4	3	5	8	3	2
Gloucester.	Cheltenham H	9	230	1010·5	–	47·9	3·9	8·0	71	7·0	1	2	6	16	5	0	*0*	0	0	1	6	8	11	*4*	0	0	2	28	0	3	3	0	1	2	5	8	8
		21	230	1010·5	–	45·6	2·3	8·6	82	6·5	3	3	8	6	10	0	*0*	0	0	0	2	16	10	*2*	0	0	2	27	1	3	2	1	0	1	8	7	7
5. ENGLAND, S.E.																																					
London.	*g*Greenwich H	9	152	1010·0	–4·7	48·4	3·5	8·7	74	8·4	0	3	1	13	13	0	0	0	2	3	2	23	0	0	*0*	0	17	13	0	8	1	1	1	4	7	8	0
		15	152	1009·9	–3·9	52·3	5·1	8·9	67	8·2	0	2	3	18	7	0	0	0	0	1	3	23	2	1	*0*	0	21	9	0	6	2	1	2	5	8	3	3
		21	152	1010·9	–3·8	45·4	2·5	8·5	81	6·5	5	6	0	4	15	0	0	0	0	0	4	22	3	1	*0*	0	13	17	0	4	3	1	1	7	9	3	2
		h.*	152	1010·0	–4·4	47·0																															
London.	Kew Observatory H	7	34	1009·8	–4·9	44·7	2·3	8·2	81	7·5	2	2	4	11	11	0	1	0	3	0	6	8	9	3	*0*	0	9	17	4	2	5	1	0	3	7	6	2
		13	34	1010·4	–3·9	51·5	5·3	8·3	64	8·9	0	0	4	14	12	0	0	0	0	1	0	13	7	9	*0*	0	14	16	0	5	4	0	0	4	7	6	4
		18	34	1010·3	–3·6	50·2	4·7	8·4	68	7·6	0	5	3	13	9	0	0	0	0	0	7	14	2	7	*0*	0	12	18	0	6	2	2	1	4	8	5	2
		21	34	1010·8	–3·9	46·5	2·9	8·4	78	6·2	8	0	4	7	11	0	0	0	0	0	3	10	10	7	*0*	0	5	25	0	2	3	2	2	8	8	2	3
		h.*	34	1010·1	–4·3	47·4	3·4	8·5	75																												
London.	Kensington ..	9	66	1009·8	–	47·9	3·5	8·4	73	7·9	0	1	7	12	10	0	0	0	0	2	*7*	17	4	*0*	*0*	0	5	25	0	2	5	0	2	1	8	7	5
		15	—	–	–	52·3	5·7	8·1	61	7·5	0	2	6	16	6	–	–	–	–	–	–	–	–	–	–	0	5	25	0	2	6	0	1	4	9	3	5
		18	—	–	–	51·1	4·8	8·5	67	7·6	0	2	8	8	12	–	–	–	–	–	–	–	–	–	–	0	5	25	0	4	3	0	2	1	11	2	7
London.	Stroud Green ..	7	237	1009·7	–	44·6	2·1	8·4	83	7·7	2	1	5	14	8	0	1	0	0	2	2	12	12	*1*	*0*	0	11	18	1	5	4	0	1	2	11	4	2
Surrey.	Croydon Aero. H	1	225	1010·4	–	43·3	1·3	8·6	89	5·5	7	6	1	7	9	0	0	0	0	1	0	9	16	*4*	*0*	0	8	18	4	4	0	0	3	8	4	5	2
		7	225	1010·1	–	44·0	1·8	8·5	85	8·1	0	4	1	15	10	0	0	0	2	1	3	9	11	*4*	*0*	0	13	16	1	5	1	0	2	4	8	6	3
		13	225	1010·7	–	51·2	4·8	8·7	67	8·7	0	0	2	22	6	0	0	0	0	0	4	10	6	*10*	*0*	0	18	12	0	6	1	1	3	3	8	5	3
		18	225	1010·7	–	49·4	3·9	8·8	73	7·8	0	4	3	18	5	0	0	0	0	2	4	13	9	*2*	*0*	0	12	18	0	5	3	0	1	8	7	3	3
Surrey.	Wisley	9	85	1009·8	–	48·3	3·3	8·6	75	8·3	0	1	4	14	11	0	0	0	0	0	0	11	19	*0*	*0*	0	11	19	0	6	3	0	0	1	8	10	2

* Mean of hourly readings. *g* Temperature from thermometers on a Glaisher stand.

TABLE IV (*continued*).—SUMMARY of the OBSERVATIONS of PRESSURE, TEMPERATURE, HUMIDITY, CLOUD, VISIBILITY and WIND at fixed hours at certain Stations during the month of APRIL, 1935

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								
																FOG.				MIST.	POOR VIS.	MOD. VIS.	GOOD VISIBILITY.													
											0	1 to 3	4 to 6	7 to 9	10	0	1	2	3	4	5	6	7	8	9	8 or more.	4 to 7	1 to 3	Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
5. ENGLAND, S.E.—*cont.*		G.M.T.	ft.	mb.	mb.	°F.	°F.	mb.	%																										
Kent.	Biggin Hill H	7	572	1010·1	-	43·0	1·8	8·1	85	7·7	1	4	4	6	15	0	2	0	0	0	3	7	*16*	2	*0*	0	12	14	4	5	2	0	2	3	8	3	3
		13	572	1010·7	-	49·0	4·3	8·2	70	8·7	0	0	2	20	8	0	0	0	0	0	0	4	*17*	9	*0*	0	13	17	0	5	2	1	2	3	8	7	2
		18	572	1010·7	-	47·1	3·4	8·3	75	7·8	0	3	4	14	9	0	0	0	0	1	1	7	*17*	4	*0*	0	10	20	0	5	3	0	2	5	10	2	3
Kent.	Dungeness ..	7	—	-	-	45·2	1·3	9·1	89	7·5	1	4	2	22	1	*0*	0	0	0	0	4	13	*13*	*0*	0	1	12	17	0	5	4	1	2	1	9	6	2
		13	—	-	-	51·1	2·9	10·2	80	7·5	0	2	7	19	2	*0*	0	0	0	0	2	13	*15*	*0*	0	0	19	11	0	3	5	1	1	4	13	2	1
		18	—	-	-	48·3	1·8	9·9	86	7·8	0	2	5	19	4	*0*	0	0	0	0	3	9	*18*	*0*	0	0	12	18	0	2	5	1	2	1	14	1	4
Kent.	Lympne .. H	1	345	1010·4	-	43·0	1·2	8·6	90	6·4	4	5	4	5	12	0	0	0	*3*	0	3	*12*	9	3	0	0	17	13	0	7	1	1	2	4	9	1	5
		7	345	1010·0	-	43·6	1·7	8·5	86	7·2	1	6	1	14	8	0	0	0	*0*	1	2	*14*	7	6	0	0	19	10	1	8	1	1	1	0	7	6	5
		13	345	1010·7	-	49·5	3·8	8·8	73	8·1	0	2	3	16	9	0	0	0	*0*	1	1	*9*	11	8	0	0	23	7	0	7	2	0	3	2	11	3	2
		18	345	1010·9	-	47·1	2·8	8·7	79	7·6	0	4	3	17	6	0	0	0	*2*	2	1	*5*	13	7	0	0	19	11	0	6	2	2	1	2	11	2	4
Kent.	Manston	7	141	1009·2	-	44·9	1·7	8·9	86	7·1	1	4	4	14	7	0	0	0	1	1	0	1	*17*	*10*	*0*	0	20	10	0	6	0	1	2	4	7	6	4
		13	141	1010·1	-	49·9	3·8	9·0	73	7·5	0	2	7	13	8	0	0	0	0	0	0	3	*16*	*11*	*0*	0	23	6	1	6	3	1	3	3	5	6	2
		18	141	1010·3	-	47·6	2·7	9·0	79	7·2	0	2	8	14	6	0	0	0	0	0	0	3	*17*	*10*	*0*	0	19	11	0	7	1	1	3	4	8	3	3
Kent.	Tunbridge Wells ..	9	407	1010·2	-	47·5	2·3	9·1	82	7·5	0	2	8	10	10	0	0	*0*	0	0	4	7	8	11	*0*	0	10	20	0	4	4	0	0	1	8	6	7
Sussex.	Brighton .. H	9	48	1009·7	-	48·4	3·1	9·1	78	6·1	2	7	8	4	9	0	0	0	0	1	2	13	2	12	*0*	0	4	26	0	6	1	1	0	1	9	9	3
Sussex.	St. Leonards H	9	174	1010·1	-	47·8	3·1	8·8	77	6·6	2	2	11	7	8	0	0	0	0	0	3	20	*7*	*0*	*0*	0	15	15	0	1	6	2	2	2	10	2	5
		21	174	1010·9	-	45·7	1·8	9·1	86	6·4	8	1	2	7	12	0	0	0	0	0	5	24	*0*	*1*	*0*	0	11	18	1	2	8	1	6	0	9	1	2
Hampshire.	Calshot	7	15	1010·4	-	44·5	1·6	8·8	87	6·9	1	4	5	9	11	0	0	1	0	0	0	9	11	9	*0*	1	17	11	1	5	2	2	0	2	8	6	4
		13	15	1010·9	-	51·8	4·0	9·5	73	7·0	0	2	10	14	4	0	0	0	0	0	2	5	9	13	*1*	0	24	6	0	6	1	1	3	2	11	4	2
		18	15	1010·7	-	49·7	3·0	9·5	79	7·0	1	4	6	10	9	0	0	0	0	0	4	6	8	12	*0*	0	21	9	0	8	0	1	1	5	11	1	3
Hampshire.	Southampton ..	9	84	1010·3	-4·6	47·2	2·8	8·7	79	7·2	1	2	8	9	10	0	0	0	0	1	*22*	7	0	0	*0*	0	5	25	0	5	4	1	2	1	5	8	4
		21	84	1011·0	-3·7	47·8	1·7	9·9	87	8·3	2	1	3	6	18	0	0	2	1	1	*13*	13	0	0	*0*	0	4	26	0	8	1	1	1	4	9	3	3
Hampshire.	S. Farnborough H	7	256	1009·9	-	43·2	1·8	8·2	85	7·8	0	4	2	16	8	0	1	0	2	1	2	12	8	*4*	*0*	0	9	19	2	3	3	2	1	4	5	8	2
		13	256	1010·4	-	51·8	5·3	8·5	65	8·6	0	0	3	20	7	0	0	0	0	0	2	7	12	*9*	*0*	0	18	12	0	5	3	1	1	4	5	8	3
		18	256	1010·3	-	49·5	4·0	8·6	71	7·6	0	3	6	12	9	0	0	0	0	1	1	8	16	*4*	*0*	0	7	23	0	3	5	0	2	5	8	4	3
I. of Wight.	Ventnor (Hosp.) ..	9	80	1010·8	-	48·8	3·1	9·1	77	6·7	0	7	7	6	10	-	-	-	-	-	-	-	-	-	-	0	16	14	0	6	2	0	2	1	1	14	4
		15	80	1010·7	-	51·8	3·7	9·9	75	6·5	0	6	9	8	7	-	-	-	-	-	-	-	-	-	-	0	8	22	0	7	2	0	1	3	2	13	2
Wilts.	Amesbury H (Boscombe Down)	7	418	1009·9	-	42·3	1·2	8·4	90	7·1	1	4	6	11	8	0	0	0	0	2	2	10	9	*7*	*0*	0	13	17	0	5	4	2	2	1	6	7	3
		13	418	1010·3	-	50·8	4·2	9·0	70	8·5	0	0	3	21	6	0	0	0	0	0	1	6	12	*11*	*0*	0	18	12	0	5	3	1	3	3	5	6	4
		18	418	1010·1	-	48·8	3·1	9·2	78	7·7	0	3	5	9	13	0	0	0	0	0	1	10	7	*12*	*0*	0	12	17	1	5	3	0	1	7	7	2	4
Wilts.	Larkhill .. H	9	444	1010·5	-	46·5	2·8	8·6	79	7·9	0	2	6	14	8	0	0	0	1	0	0	0	8	21	*0*	0	21	9	0	3	6	1	1	3	3	9	4
		13	444	1010·4	-	50·4	4·4	8·7	69	8·2	0	0	5	18	7	0	0	0	0	0	0	1	6	23	*0*	0	18	12	0	5	5	1	1	3	6	8	1
		15	444	1010·2	-	50·7	4·5	8·8	69	7·5	0	2	8	11	9	0	0	0	0	0	0	3	10	17	*0*	0	16	13	1	3	5	1	1	3	6	8	2
7a. ENGLAND, N.W.																																			
Lancashire.	Hutton	9	86	-	-	46·3	2·9	8·2	77	6·0	2	5	9	8	6	-	-	-	-	-	-	-	-	-	-	0	3	26	1	4	2	3	6	2	2	6	4
Lancashire.	Manchester H (Barton)	7	83	1008·6	-	42·8	1·7	8·1	86	6·2	3	4	7	10	6	0	1	0	2	2	*5*	10	7	3	0	0	12	15	3	2	2	3	5	3	2	3	7
		13	83	1008·8	-	51·5	5·6	8·1	63	7·3	1	2	8	16	3	0	0	0	0	0	*2*	8	10	10	0	0	19	11	0	3	4	2	1	5	3	6	6
		18	83	1008·7	-	49·5	4·6	8·3	68	6·5	1	6	6	11	6	0	0	0	0	1	*3*	8	13	5	0	0	15	14	1	1	3	5	3	2	4	4	7
Lancashire.	Manchester (Whitworth Pk.)	9	127	1009·0	-	46·0	3·0	8·1	77	7·3	0	1	7	18	4	-	-	-	-	-	-	-	-	-	-	0	7	23	0	4	2	5	3	5	2	3	6
		21	127	1009·7	-	46·8	2·6	8·8	80	7·2	0	3	4	18	5	-	-	-	-	-	-	-	-	-	-	0	3	27	0	1	4	7	6	4	3	2	3
Lancashire.	Southport * H (Bedford Rd. Park)	9	42	1008·8	-5·5	47·4	3·6	8·3	73	6·2	2	6	8	3	11	0	0	0	0	0	11	1	5	10	*3*	0	18	11	1	6	1	4	3	3	2	7	3
		13	42	1008·9	-5·2	51·2	5·3	8·3	64	7·2	0	5	5	15	5	0	0	0	0	0	1	5	6	15	*3*	0	18	12	0	3	2	0	2	2	4	8	9
		18	42	1008·7	-4·9	49·3	4·1	8·6	71	7·4	0	6	1	10	13	0	0	0	0	0	6	4	10	10	*0*	0	16	13	1	1	2	2	4	0	4	6	10
		21	42	1009·2	-5·0	45·7	2·5	8·5	80	6·0	2	9	4	7	8	0	0	0	0	0	12	3	13	2	*0*	0	8	22	0	2	3	6	6	2	3	4	4
Lancashire.	Stonyhurst ..	9	381	1008·9	-	45·4	3·2	7·5	75	7·5	2	0	6	12	10	0	0	0	0	0	0	14	*7*	*9*	*0*	0	11	18	1	1	4	6	3	3	5	4	3
		21	381	1009·4	-	43·7	2·4	7·9	80	6·0	3	10	0	6	11	0	0	0	0	0	1	11	*14*	*4*	*0*	0	5	23	1	1	5	5	2	5	6	2	3
Cheshire.	Bidston Obs'y. ..	7	202	1008·6	-5·2	43·7	1·9	8·3	85	6·6	0	6	8	10	6	*0*	0	0	1	0	1	8	*6*	13	1	0	16	13	1	3	2	4	6	0	3	9	2
		13	202	1009·0	-	49·4	4·5	8·0	68	5·9	2	5	10	10	3	*0*	0	0	0	0	0	3	*10*	15	2	1	17	12	0	7	0	1	3	0	2	11	6
		18	202	1008·8	-	48·9	4·1	7·9	69	6·1	0	6	9	14	1	*0*	0	0	0	0	1	2	*6*	20	1	1	11	15	3	4	1	3	2	1	3	6	7
		21	202	1009·2	-	45·9	2·6	8·4	80	6·0	4	3	7	9	7	*0*	0	0	0	0	0	4	*9*	15	2	0	12	16	2	2	0	7	5	1	3	3	7
7b. NORTH WALES.																																			
Flint.	Sealand .. H	7	19	1009·1	-	43·4	1·8	8·2	85	6·5	0	3	13	9	5	0	0	0	0	2	6	10	*11*	*1*	*0*	0	9	20	1	2	1	2	5	6	2	4	7
		13	19	1009·3	-	51·9	5·6	8·4	63	6·5	2	2	10	13	3	0	0	0	0	0	3	7	*14*	*6*	*0*	0	17	12	1	4	0	3	0	4	3	5	10
		18	19	1009·2	-	49·6	4·1	8·7	71	6·7	0	4	8	14	4	0	0	0	0	0	1	13	*7*	*9*	*0*	0	12	18	0	2	0	1	1	4	5	5	12
Anglesey.	Holyhead .. H	1	29	1008·0	-	45·6	1·7	9·0	86	5·3	6	6	4	7	7	0	0	0	0	0	0	10	10	10	0	0	12	18	0	3	3	3	4	4	3	3	7
		7	29	1008·3	-5·3	45·6	1·9	9·0	86	7·2	0	6	4	11	9	0	1	0	0	0	0	8	4	16	1	0	16	14	0	3	4	3	2	5	3	5	5
		13	29	1009·0	-	49·6	3·3	9·3	77	6·4	1	6	6	13	4	0	0	0	0	0	0	5	4	19	2	0	17	13	0	8	2	1	1	4	7	4	3
		18	29	1008·7	-	47·7	2·6	9·2	81	7·1	0	3	8	12	7	0	0	0	0	0	1	3	4	17	5	0	14	16	0	9	1	0	4	6	4	2	4
Carnarvon.	Llandudno ..	9	33	1009·2	-	47·9	3·4	8·5	74	6·8	3	1	8	15	3	0	0	0	0	0	0	4	4	*20*	*2*	0	9	21	0	4	2	2	1	3	7	9	2
8a. SOUTH WALES.																																			
Pembroke.	St. Ann's Head ..	1	152	1008·2	-	45·5	1·7	8·7	87	6·9	0	8	3	9	10	0	0	1	0	1	*0*	5	22	1	*0*	1	11	16	2	7	4	1	1	2	4	5	4
		7	152	1008·7	-5·0	45·7	1·8	9·1	86	8·0	0	2	5	15	8	0	1	0	0	1	*1*	7	19	1	*0*	0	10	19	1	4	5	1	1	2	5	7	4
		13	152	1009·0	-	49·9	3·1	9·5	78	7·9	0	1	6	18	5	0	0	0	0	1	*3*	5	17	4	*0*	0	12	17	1	3	3	1	1	5	8	5	3
		18	152	1008·6	-	47·9	2·3	9·5	83	7·3	0	4	8	8	10	0	0	0	0	1	*3*	6	18	4	*0*	0	13	16	1	6	4	0	2	3	6	4	4

*Pressure and visibility at Hesketh Park; wind at Marshside; other readings at Bedford Road Park.

TABLE IV (*continued*).—SUMMARY of the OBSERVATIONS of PRESSURE, TEMPERATURE, HUMIDITY, CLOUD, VISIBILITY and WIND at fixed hours at certain Stations during the month of APRIL, 1935

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.	4 to 7	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.	%																										
8a. SOUTH WALES—*cont.*																																		
Radnor. Rhayader	9	—	-	-	45·3	2·6	8·0	79	6·8	0	4	6	15	5	0	0	0	0	0	0	5	9	*16*	*0*	0	6	24	0	2	2	3	1	2	4	10	6
Glamorgan. Cardiff	9	216	1010·1	-	47·6	3·3	8·6	75	7·1	1	3	6	12	8	0	0	0	0	2	5	5	*6*	*12*	*0*	0	20	10	0	2	7	1	0	2	4	13	1
	21	216	1010·4	-	46·0	2·0	8·9	84	5·0	11	2	4	3	10	0	0	1	2	0	6	14	*4*	*3*	*0*	0	2	28	0	1	0	5	2	2	5	10	5
8b. ENGLAND, S.W.																																		
Somerset. Bath	9	113	1010·2	-	49·0	3·7	8·6	73	7·9	0	4	4	9	13	0	0	0	0	1	1	*12*	*9*	*7*	*0*	0	6	24	0	2	3	4	2	2	3	9	5
Dorset. Holton Heath H	9	58	1010·8	-	49·4	3·6	9·0	74	8·3	0	2	3	11	14	0	0	0	0	0	1	10	14	*5*	*0*	0	23	7	0	5	3	1	2	1	7	7	4
	15	58	1010·7	-	52·4	4·3	9·5	70	7·0	0	3	10	9	8	0	0	0	0	0	0	6	20	*4*	*0*	0	22	8	0	6	3	0	1	2	9	5	4
Dorset. Portland Bill ..	1	37	1009·2	-	46·9	1·4	9·8	89	5·5	2	9	7	6	6	0	0	0	*1*	0	0	*2*	*18*	*9*	*0*	0	20	10	0	2	6	1	2	2	5	6	6
	7	37	1010·0	-3·6	46·5	1·5	9·7	89	6·2	2	3	8	11	6	0	0	0	*0*	0	0	*1*	*16*	*13*	*0*	0	25	5	0	3	5	1	3	0	5	8	5
	13	37	1010·8	-	50·1	2·3	10·3	83	6·6	0	6	6	11	7	0	0	0	*0*	0	0	*4*	*20*	*6*	*0*	0	21	9	0	2	5	2	1	1	9	7	3
	18	37	1010·2	-	49·2	1·8	10·3	87	6·6	2	1	12	6	9	0	0	0	*0*	0	0	3	*19*	*8*	*0*	0	18	12	0	2	3	2	1	3	10	6	3
Devon. Plymouth (Mount Batten) H	7	27	1010·6	-	46·7	1·6	9·4	86	7·7	0	3	3	19	5	0	0	0	0	1	1	7	10	11	*0*	0	13	16	1	3	3	2	2	1	7	7	4
	13	27	1011·1	-	51·2	3·3	9·9	77	7·6	0	2	5	18	5	0	0	0	0	1	1	2	12	14	*0*	1	19	10	0	2	0	2	1	4	13	3	5
	18	27	1010·4	-	49·8	2·7	9·8	81	7·3	1	4	3	15	7	0	0	0	0	0	1	5	15	9	*0*	0	18	11	1	4	1	0	1	6	10	3	4
Cornwall. The Lizard ..	1	240	1010·6	-	46·0	0·9	9·8	93	6·1	4	7	1	10	8	0	0	0	0	0	0	3	*6*	*21*	*0*	1	17	10	2	3	3	1	1	1	5	6	8
	7	240	1011·1	-	47·1	1·6	9·6	87	8·3	0	1	5	12	12	0	0	0	0	1	2	4	*4*	*19*	*0*	0	18	11	1	3	3	1	0	2	8	6	6
	13	240	1011·6	-	51·8	2·5	10·9	83	6·7	0	6	7	12	5	0	0	0	1	0	1	2	*5*	*21*	*0*	0	18	12	0	3	1	3	2	3	9	6	3
	18	240	1010·5	-	49·3	1·9	10·2	86	6·6	2	6	4	8	10	0	0	0	0	1	3	2	*9*	*15*	*0*	0	18	7	5	3	0	0	4	3	5	6	4
Cornwall. Newquay ..	9	161	1010·9	-	48·4	2·3	9·5	83	7·0	2	4	5	11	8	0	0	0	0	0	3	7	*7*	13	*0*	0	18	11	1	6	3	0	2	3	8	4	3
9. IRELAND, N.																																		
Sligo. Markree Castle ..	9	127	1009·1	-	46·3	2·2	8·7	83	6·6	5	3	5	5	12	0	*0*	0	0	0	*0*	*4*	7	19	*0*	0	1	22	7	8	1	0	2	4	0	2	6
	21	127	1008·7	-	45·9	2·3	8·7	82	6·4	1	6	8	5	10	0	*0*	0	0	0	*0*	*1*	8	21	*0*	0	3	16	11	10	1	0	1	4	0	1	2
Mayo. Blacksod Point ..	1	28	1009·4	-	46·0	2·0	8·9	84	6·2	2	8	5	4	11	0	0	0	0	0	0	0	11	19	*0*	0	12	14	4	13	0	3	1	3	1	3	2
	7	28	1009·1	-	45·6	1·9	9·0	85	7·0	2	5	4	8	11	0	0	0	0	0	0	0	13	15	*2*	0	14	11	5	8	2	3	1	3	1	4	3
	13	28	1009·7	-	50·3	3·6	9·1	74	6·6	0	6	8	8	8	0	0	0	0	0	0	0	6	21	*3*	0	17	13	0	11	0	4	1	6	1	5	2
	18	28	1009·4	-	49·0	3·0	9·2	78	6·7	0	6	8	6	10	0	0	0	0	0	0	0	7	20	*3*	0	18	12	0	13	2	3	1	5	0	4	2
Donegal. Malin Head ..	1	83	1007·7	-	44·3	1·0	9·0	92	6·4	1	8	3	13	5	0	0	0	0	1	0	3	21	5	*0*	0	13	15	2	9	0	6	0	6	0	3	4
	7	83	1007·2	-4·6	44·9	1·1	9·3	91	7·6	1	5	0	17	7	0	0	1	0	0	0	3	21	5	*0*	0	12	18	0	13	1	9	1	1	2	2	1
	13	83	1007·9	-	47·4	1·7	9·5	87	7·6	0	5	1	19	5	0	0	0	0	0	0	3	19	8	*0*	0	14	16	0	10	3	8	0	2	0	4	3
	18	83	1008·3	-	46·5	1·2	10·0	91	7·8	0	5	0	21	4	0	0	0	0	0	0	2	19	9	*0*	0	11	19	0	12	2	11	0	1	2	2	0
Antrim. Aldergrove H	7	245	1008·6	-	41·9	1·2	8·2	90	7·8	0	3	4	15	8	0	0	0	1	0	0	5	8	15	1	1	4	23	2	4	2	6	2	1	5	4	4
	13	245	1008·9	-	50·0	4·6	8·4	68	7·7	0	3	3	22	2	0	0	0	0	0	0	3	6	11	10	0	15	15	0	6	4	3	2	2	4	3	6
	18	245	1008·8	-	48·5	4·0	8·4	72	7·9	0	2	3	21	4	0	0	0	0	0	0	3	8	16	3	0	13	17	0	5	2	5	3	4	1	2	8
Down. Donaghadee ..	7	26	1010·0	-3·5	43·7	1·9	8·4	85	7·0	0	3	6	20	1	0	0	0	0	0	0	1	7	*22*	*0*	0	4	25	1	3	3	0	5	6	1	5	6
	13	26	1010·7	-	48·1	3·3	8·6	75	7·1	0	3	8	17	2	0	0	0	1	0	0	0	*8*	*21*	*0*	0	6	24	0	8	7	0	4	2	4	2	3
	18	26	1010·1	-	47·3	3·0	8·5	77	6·9	0	2	14	13	1	0	0	0	0	0	0	1	*6*	*23*	*0*	0	5	25	0	8	7	0	4	4	2	3	2
	21	26	1010·5	-	44·7	1·8	8·7	85	6·6	0	7	4	17	2	0	0	0	1	0	0	1	*5*	*23*	*0*	0	2	27	1	8	3	0	5	4	3	2	4
Armagh. Armagh .. H	9	209	1008·5	-4·5	46·5	2·5	8·7	80	6·9	1	3	7	9	10	*0*	*0*	0	0	0	0	*6*	*4*	20	*0*	0	5	24	1	5	5	3	2	2	6	3	3
	21	209	1008·7	-4·3	43·7	1·8	8·3	85	5·9	5	5	3	7	10	*0*	*0*	0	0	0	0	*10*	*8*	12	*0*	0	3	27	0	5	4	3	6	3	3	3	3
10. IRELAND, S.																																		
Dublin. Glasnevin	9	56	(1009·3)	-	47·5	2·9	8·6	78	6·4	3	0	14	2	11	0	0	*1*	*0*	*6*	*6*	*7*	*2*	*8*	*0*	0	3	26	1	0	7	1	2	0	6	6	7
	21	56	(1009·3)	-	44·7	2·0	8·5	84	5·0	11	0	7	1	11	0	0	*8*	*5*	*3*	*0*	*8*	*6*	*0*	*0*	0	2	24	4	0	5	2	5	0	2	6	6
Offaly. Birr Castle ..	7	193	1009·3	-4·4	41·9	0·9	8·4	92	7·4	1	4	3	15	7	0	*0*	0	2	0	*0*	*0*	*6*	*22*	*0*	0	1	29	0	1	4	1	2	4	7	4	7
	13	193	1009·4	-	52·2	4·9	8·9	67	6·4	0	2	0	20	8	0	*0*	0	0	0	*0*	*0*	*4*	*26*	*0*	0	1	29	0	3	3	0	2	3	9	2	8
	18	193	1008·9	-	51·1	4·5	8·8	69	7·5	2	0	5	15	8	0	0	0	0	0	*9*	*21*	*0*	0	30	0	4	2	0	2	6	4	1	11
Waterford. Seskin, Carrick-on-Suir	9	521	1009·7	-	46·4	2·3	8·5	81	6·3	2	8	1	10	9	0	1	0	*0*	1	0	2	*5*	8	13	1	12	12	5	6	1	0	2	4	2	6	4
	21	521	1009·7	-	43·8	1·6	8·5	87	4·7	3	14	2	1	10	0	2	0	*0*	1	0	2	*2*	5	18	1	9	12	8	1	0	1	2	8	0	3	7
Kerry. Valentia Observatory H	7	45	1010·2	-3·4	46·4	2·2	8·9	83	6·6	2	5	4	16	3	0	0	0	0	0	0	*0*	4	*22*	*4*	0	13	12	5	3	3	3	0	3	7	2	4
	13	45	1010·5	-3·5	52·3	4·3	9·5	71	7·4	0	3	7	12	8	0	0	0	0	0	0	*2*	3	*19*	*6*	0	15	15	0	2	3	1	1	5	6	6	6
	18	45	1009·7	-4·0	50·9	3·8	9·4	73	6·9	0	7	2	16	5	0	0	0	0	0	0	*3*	4	*13*	*10*	0	18	12	0	5	1	2	3	5	5	4	5
	21	45	1010·3	-3·9	48·4	2·7	9·3	79	6·3	0	8	6	9	7	0	0	0	0	0	0	*2*	5	*21*	*2*	0	14	12	4	5	1	3	1	6	1	5	4
	h.*	45	1010·3	-3·5	48·9	3·1	9·1	77																										
Cork. Roche's Point ..	7	24	1010·5	-3·5	45·0	1·5	8·9	87	6·2	3	4	8	11	4	0	0	1	0	0	1	1	*6*	*21*	*0*	0	2	28	0	8	2	1	1	1	5	7	5
	13	24	1010·6	-	51·4	3·4	9·7	77	7·1	0	2	7	19	2	0	0	0	0	0	0	1	*6*	*20*	*3*	0	5	25	0	4	1	2	5	3	6	4	5
	18	24	1009·8	-	50·3	2·7	9·9	81	7·0	0	3	7	13	7	0	0	0	0	0	1	3	*5*	*16*	*5*	0	8	22	0	6	1	2	6	3	5	4	3
11. CHANNEL I. & SCILLY.																																		
Scilly. St. Mary's.. ..	1	199	1010·8	-	47·0	1·4	9·8	89	5·7	4	5	7	6	8	0	1	0	0	0	0	9	*9*	*11*	0	0	19	9	2	7	2	1	0	1	4	8	5
	7	199	1011·0	-2·7	47·0	1·4	9·8	89	7·7	0	3	3	15	9	0	1	0	0	0	2	8	*8*	*11*	0	0	21	9	0	4	5	1	0	1	6	10	3
	13	199	1011·6	-	52·2	2·7	10·7	81	7·7	0	5	3	13	9	0	0	0	0	1	1	8	*10*	*10*	0	0	21	9	0	6	2	1	1	2	5	10	3
	18	199	1010·3	-	49·4	1·9	10·2	86	6·9	3	4	1	13	9	0	0	0	0	1	4	9	*8*	*8*	0	0	19	11	0	8	2	0	2	2	7	5	4
Guernsey. St. Peter Port H	1	186	1011·8	-	47·6	1·9	9·8	85	4·6	12	0	7	4	7	0	0	0	0	0	4	3	*17*	*6*	0	2	14	11	3	3	3	0	2	2	5	5	7
	7	186	1011·8	-	47·4	2·2	9·1	83	7·8	0	1	11	6	12	0	0	0	0	0	1	5	*19*	*4*	1	0	19	10	1	1	6	2	1	1	6	9	3
	13	186	1012·3	-	51·1	3·6	9·5	75	7·5	2	1	7	10	10	0	0	0	0	0	0	7	*17*	*6*	0	0	24	5	1	3	4	3	1	2	6	6	4
	18	186	1012·0	-	49·8	2·8	9·8	80	6·7	2	4	7	8	9	0	0	0	0	0	1	8	*11*	*10*	0	0	15	14	1	0	6	1	1	2	9	4	6
GIBRALTAR .. .. H	7	90	1017·8	+1·1	55·1	3·4	11·6	78	3·8	7	8	7	6	2	0	0	0	0	*0*	0	*4*	*6*	20	0	0	3	23	4	1	0	8	0	6	3	5	3
	13	90	1017·9	-	67·7	9·6	12·4	54	3·1	7	11	8	4	0	0	0	0	0	*0*	0	*1*	*4*	25	0	0	8	22	0	0	0	5	3	9	3	7	3
	18	90	1016·8	-	67·1	9·4	12·2	55	2·5	7	13	7	3	0	0	0	0	0	*0*	0	*2*	*6*	22	0	0	4	24	2	0	0	7	1	6	7	5	2
	21	90	1017·5	-	61·2	6·0	12·5	67	2·1	11	11	5	2	1	0	0	0	0	*0*	0	*4*	*7*	19	0	0	1	26	3	0	0	7	1	7	3	7	2
MALTA .. .. H	7	234	1015·1	+1·2	58·5	4·1	12·7	75	4·6	2	14	1	12	1	0	0	0	0	0	0	3	6	*19*	2	0	17	13	0	2	5	4	2	2	2	3	10
	13	234	1015·2	-	63·5	7·4	12·1	61	4·1	2	12	8	7	1	0	0	0	0	0	0	2	3	*23*	*2*	0	18	12	0	4	3	6	2	2	2	4	7
	18	234	1014·8	-	59·3	4·8	12·4	72	4·5	1	14	4	11	0	0	0	0	0	0	0	2	4	*23*	*1*	0	15	15	0	1	4	4	2	3	1	10	5

* Mean of hourly readings.

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 temperature 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:—*Royal Observatory, Greenwich.*—A Glaisher stand is used. *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.

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 Gale 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 arrangement 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.

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—Rhayader (9), Tavistock (17), Plymouth (15), Balbriggan (25), Newcastle, Co. Wicklow (30).

"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*), *Pressure* (*Table IV*).—The averages refer to the period 1881–1915 and are "weighted" if the record is not complete for that period.

Temperature and Sunshine (*Table III*).—The averages refer to periods of from 10 to 30 years ending 1930, the actual period for each station being stated in the Introduction. Differences from 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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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: ADASTRAL HOUSE, KINGSWAY, LONDON, W.C.2; 120 GEORGE STREET, EDINBURGH 2; YORK STREET, MANCHESTER 1; 1 ST. ANDREW'S CRESCENT, CARDIFF; 80 CHICHESTER STREET, BELFAST; or through any Bookseller.

VOL. 52. NO. 5. ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE

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MAY, 1935.—Dry; sunny, except in southern England; exceptionally cold from the 12th to 19th.

The weather of the month was remarkable for the exceptionally cold, wintry spell from the 12th to 19th, the phenomenal duration of bright sunshine in western Scotland and in north-west England and the deficiency of rainfall, except in some parts of the southern half of England.

On the 1st an anticyclone lay over the North Sea and southern Scandinavia and a depression was situated on the Atlantic. Subsequently, the anticyclone moved south-east while the Atlantic depression spread east or south-east causing some rain, mainly in the west and south-west. Pressure became very uniform over the British Isles on the 5th and, on the 6th, an anticyclone covered most of the country, giving a warm, sunny day. The anticyclone increased in intensity and became centred over Scotland and ultimately moved north-westward to the neighbourhood of Iceland. There was little or no rainfall from the 5th to 11th and sunshine records were very good, particularly in the north and west.

By the 12th, with pressure low over N. Russia and Germany and high over Iceland, the British Isles lay in the track of a broad belt of polar air; temperature fell rapidly and a spell of exceptionally cold weather ensued until the 19th. Secondary depressions moving south in the northerly current caused widespread hail, sleet and snow between the 13th and 18th. The very cold air was eventually cut off by a depression moving south-south-eastward from Iceland to the Bay of Biscay.

Anticyclonic conditions were re-established in Scotland on the 21st and persisted in northern districts until the end of the month. Depressions to the south and south-east of the British Isles, however, caused the north-easterly winds to be fresh or strong at times in England. Local rain occurred occasionally in south and south-east England after the 22nd, with thunderstorms in places from the 27th to 30th. Thunderstorms were also reported in parts of Ireland on the 29th and 30th.

Pressure and Wind.—Pressure everywhere exceeded the average, the excess being greatest in the north and least in the south. The deviation at 7 h. varied from +9·6 mb. at Lerwick to +2·8 mb. at Portland Bill.

Winds from between north and east were unusually persistent. Northerly gales occurred over a wide area at exposed places on one or other of the days between the 14th and 17th, the most notable being that at the Scilly Isles on the 17th. The anemogram shows a mean hourly speed of more than 38 m.p.h. for ten consecutive hours, with a mean speed of 64 m.p.h. for the hour ended at 20 h. and a highest gust of 90 m.p.h. Strong north-easterly winds occurred at times locally in England between the 22nd and 25th and high speeds were reached in gusts: for example, 53 m.p.h. at Dover on the 22nd and 54 m.p.h. at Lympne and 53 m.p.h. at Felixstowe on the 23rd.

Temperature.—Mean temperature fell below the average for the month in all districts except Ireland and Scotland, W., the deviation varying from −2·7°F. in England, S.E. to +0·5°F. in Ireland, N. (see Table I).

It was a month of marked temperature contrasts. The first eleven days were generally rather warm, though easterly winds caused cooler conditions in southern and eastern England from the 7th to 9th. On the 6th, maxima of 75°F. or above were registered at numerous stations in England and 79°F. was touched in parts of London. Mild weather was again experienced during the latter part of the month, except on the east coasts of Britain.

The wintry spell from the 12th to 19th was very exceptional and much damage was done to trees, fruit and early vegetables by the widespread severe frost and snow. (See *Meteorological Magazine*, Vol. 70, pp. 105-109). Screen minima of 25°F. or below were recorded at numerous stations, while 21°F. was registered at Dalwhinnie on the 13th, 21°F. at Eskdalemuir and 22°F. at Wolfelee on the 15th and 17°F. at Rickmansworth, 20°F. at Cantref, 21°F. at Dalwhinnie and 22°F. at Usk on the 17th. Temperature on the grass fell to 10°F. at Rickmansworth and 13°F. at S. Farnborough on the 17th. Day temperatures were also unusually low: for example, the maximum 41°F. at Giggleswick on the 17th is the lowest ever recorded there in May.

The extremes for the month were:—(England and Wales) 79°F. at Camden Square and Stroud Green on the 6th, 17°F. at Rickmansworth on the 17th; (Scotland) 72°F. at Ruthwell on the 11th, at Ardtornish on the 7th, 11th and 31st, at Colmonell on the 28th and at Achnashellach on the 30th, 21°F. at Dalwhinnie on the 13th and 17th and at Eskdalemuir on the 15th; (Ireland) 73°F. at Mallarany and Foynes on the 28th, 28°F. at Newtownforbes and Birr Castle on the 15th and at Hazelhatch on the 18th.

Precipitation.—The general precipitation of the British Isles expressed as a percentage of the average for the period 1881–1915 was 55, the values for the constituent countries being, England and Wales 60, Scotland 48 and Ireland 46. It was only at some stations in the southern half of England that an excess was recorded. In some localities the month was notably dry: less than 20 per cent. was recorded locally in Lincolnshire, the West Riding of Yorkshire, Cumberland and central and west Scotland. At Nottingham, it was the driest May since readings were first taken in 1867, while in parts of Perthshire (with the exception of 1876) and in parts of Inverness-shire (with the exception of 1928) there is no drier May on record. The air was exceptionally dry in some places: the mean relative humidity at Southport at 9 h. (62 per cent.) is the lowest for any month since records began in 1871.

The snowfall from the 13th–17th was exceptional for May. In Scotland it was general and particularly heavy in north-east districts: by the 17th most of the country was covered and at Wolfelee it lay to a depth of six inches. The storm of the 16th and 17th was widespread in England and Ireland and unusually heavy. On the 17th, a depth of 6 inches was reported at Giggleswick, 5 inches at Harrogate and 4½ inches at Cockle Park. In western districts snow is very rare in May: for instance, at Lancaster and Southport the snow around the 17th was the first snow in May since 1891 and the sleet at Newquay was the first on record in May. Several stations in north-west England recorded two or three inches of snow on the 17th and at Tiverton, S. Devon, 4½ inches were registered.

Local thunder occurred in England from the 18th–20th and 27th–30th, in parts of Ireland on the 29th and 30th and it was reported from Braemar on the 5th and Gordon Castle on the 13th.

Sunshine.—The district values exceeded the average in all districts except England, S.E. and S.W., and the Channel Islands. The most striking feature of the distribution was the remarkable excess enjoyed in west Scotland, north-west England and north Ireland. Turnberry recorded 307 hours and Tiree 305 hours. The total at Eskdalemuir, 268 hours, is the largest recorded in any month since records began in 1909 and that at Stonyhurst, 281 hours, exceeds the previous record in any month in observations from 1881. In strong contrast is the total at Guernsey, 167 hours (70 per cent. of the average).

Fog.—Local fog occurred at times mainly between the 2nd and 7th and 27th and 30th. Thick fog was reported in extreme north-east Scotland on the 10th and 24th.

Miscellaneous Phenomena.—Unusual halo phenomena were observed at Ambleside and Keswick on the 8th and at Sealand on the 3rd and 4th. A short sun pillar was noted at Oxford and a moon pillar at Bognor Regis on the 15th. The green flash was seen at Crinan on the 27th. A waterspout was seen at Teignmouth on the 17th.

METEOROLOGICAL OFFICE, AIR MINISTRY: G. C. SIMPSON, C.B., D.Sc., F.R.S., Director. South Kensington, S.W.7., *24th June*, 1935.
40/9999.

TABLE I.—DISTRICT VALUES.— MAY, 1935

[1908, revised 1928.]

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	21	-0·5	-	-	51	- 8	118	38
Eastern.									
1. SCOTLAND, E.	70	22	-2·4	-	-	55	- 8	122	40
2. ENGLAND, N.E.	75	25	-2·4	-0·2	+1·1	46	- 7	115	41
3. ENGLAND, E.	78	17	-2·5	-1·8	-0·1	74	- 5	101	45
4. MIDLAND COUNTIES ..	76	24	-2·2	-1·1	+1·2	55	- 6	112	41
5. ENGLAND, S.E.	79	25	-2·7	-2·0	-0·1	74	- 2	90	41
Western.									
6. SCOTLAND, W. (*and I. of Man*)	72	21	+0·2	+1·1	+1·2	30	- 9	148	51
7. ENGLAND, N.W. (*and N. Wales*)	75	25	-1·3	-0·1	+1·5	64	- 8	144	54
8. ENGLAND, S.W. (*and S. Wales*)	77	20	-1·0	-0·9	+0·9	73	- 3	98	40
9. IRELAND, N. ..	73	28	+0·5	+1·7	+1·8	49	- 8	142	51
10. IRELAND, S. ..	73	28	0·0	-0·3	+1·1	43	- 6	126	47
11. CHANNEL I. (*and Scilly*)	70	38	-1·0	-2·0	-0·4	89	- 2	81	38
Mean : DISTRICTS 1—10	79	17	-1·4	-0·4	+1·0	56	- 6	120	45

TABLE II.—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND.— MAY, 1935

[1914.]

DISTRICT AND STATION.	Height.			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.		
					hr.		hr.	hr.	hr.	hr.	hr.	°	mi/hr.	m/s.	day. hr.	mi/hr.	m/s.	d.	h.	m.
0. SCOTLAND, N.	ft.	ft.	ft.																	
Shetland. ‡Lerwick	310	53	39	15,17	13	12	90	382	239	20	0	20	48	21	15 13	72	32	15	12	20
Orkney. Kirkwall	170	40	35	15	4	2	23	246	387	84	0	10	45	20	15 14	76	34	15	13	25
Hebrides. Stornoway ..† ..	—	—	—	15,17	9	10	79	284	311	61	0	10	45	20	15 09	66	29	15	10	05
1. SCOTLAND, E.																				
Aberdeen. Aberdeen	70	42	32	-	0	1	2	164	487	91	0	320	26	11	15 18	61	27	15	17	35
Kincardine. Balmakewan ..	140	25	20	-	0	1	2	76	(373)	(293)	0	310	26	12	15 20	45	20	15	20	35
Angus. Bell Rock Lighthouse	130	—	126	15,16	9	13	88	284	262	101	0	10	49	22	15 20	62	28	15	19	25
Edinburgh. Edinburgh	485	39	23	-	0	0	0	58	389	297	0	20	22	10	15 24	41	18	15	16	35
6a. SCOTLAND, W.																				
Argyll. Tiree	75	50	42	15	8	7	36	191	331	178	0	360	41	18	15 15	56	25	15	16	45
Renfrew. Paisley	188	81	31	-	0	0	0	65	527	152	0	350	24	11	15 19	44	20	15	17	45
Renfrew. Abbotsinch ..	65	46	33	-	0	0	0	141	444	159	0	280	23	10	13 19	42	19	15	18	10
Dumfries. Eskdalemuir ..	825	50	35	-	0	3	9	295	323	117	0	290	32	14	13 17	56	25	15	22	25
2. ENGLAND, N.E.																				
Durham. South Shields ..	73	57	44	14,15,16	9	6	43	246	339	107	0	340	48	21	16 01	68	30	15	23	50
Yorks., N.R. Catterick	220	45	33	-	0	1	2	107	498	137	0	20	26	12	14 14	57	25	14	11	20
Yorks., E.R. Spurn Head ..	64	42	34	16	5	10	98	444	182	15	0	360	45	20	16 05	66	29	16	04	55
Lincoln. Cranwell	284	43	33	-	0	2	10	287	372	75	0	30	27	12	23 14	48	21	14	09	35
3. ENGLAND, E.																				
Norfolk. Gorleston	52	42	34	14	3	7	65	401	228	47	0	360	43	19	14 20	62	28	14	18	55
Suffolk. Felixstowe Aero. ..	65	50	40	-	0	9	54	370	284	36	0	20	34	15	23 15	53	24	23	15	30
Bedford. Cardington ..	285	150	135	-	0	6	49	342	286	43	24	20	31	14	24 14	54	24	14	11	25
Essex. Shoeburyness ..	115	104	89	15	1	12	100	380	236	27	0	30	40	18	15 02	57	25	15	01	45
4. MIDLAND COUNTIES.																				
Warwick. Birmingham ..	643	118	73	-	0	0	0	311	397	36	0	50	24	11	24 14	43	19	24	13	15
5. ENGLAND, S.E.																				
London. South Kensington..	137	110	30	-	0	0	0	235	485	24	0	10	24	11	24 11	48	21	24	11	40
Surrey. Kew Observatory ..	92	75	50	-	0	2	9	300	322	113	0	50	26	12	23 15	49	22	24	12	30
Surrey. Croydon	313	105	70	-	0	1	1	296	364	83	0	50	25	11	23 13	51	23	15	10	40
Kent. Dover	66	66	60	-	0	14	126	392	176	50	0	-	35	16	22 16	53	24	22	15	40
Kent. Lympne	418	76	48	-	0	11	91	389	231	33	0	20	34	15	23 15	54	24	23	12	20
Hampshire. Calshot	58	50	42	-	0	6	22	322	331	69	0	340	34	15	15 04	49	22	15	03	40
Wiltshire. Boscombe Down ..	462	45	33	-	0	0	0	212	414	118	0	170	23	10	17 13	46	21	14	13	15
Wiltshire. Larkhill	491	51	36	-	0	5	30	306	302	106	0	60	30	13	25 07	46	21	14	13	05
7a. ENGLAND, N.W.																				
Lancashire. Fleetwood	112	50	31	-	0	6	36	298	351	59	0	30	38	17	14 16	50	22	14	00	35
Lancashire. Manchester (Barton)	153	83	80	-	0	5	20	394	297	33	0	40	32	14	14 16	57	25	14	15	30
Lancashire. Southport	60	42	33	-	0	4	13	274	431	26	0	250	32	14	17 05	46	21	17	04	30
Cheshire. Bidston Obs'y. ..	262	64	39	-	0	1	3	354	359	28	0	20	26	12	14 18	47	21	14	18	00
7b. NORTH WALES.																				
Anglesey. Holyhead	68	43	38	15	2	14	66	310	275	91	0	10	41	18	15 22	56	25	15	21	25
Flint. Sealand	81	65	42	-	0	0	0	130	444	170	0	40	23	10	14 16	44	20	14	13	35
8a. SOUTH WALES.																				
Pembroke. St. Ann's Head ..	—	—	—	-	-	-	-	-	-	-	-	-	-	-	- -	-	-	-	-	-
8b. ENGLAND, S.W.																				
Devon. Plymouth	185	88	65	-	0	4	7	286	332	119	0	-	35	16	17 13	47	21	10	15	00
Cornwall. The Lizard	315	75	60	17	2	11	59	374	208	101	0	310	40	18	17 16	66	29	17	18	00
Cornwall. Pendennis Castle ..	256	65	42	-	0	11	70	317	265	92	0	20	35	16	17 21	55	25	17	20	10
9. IRELAND, N.																				
Donegal. Dunfanaghy Road	180	47	30	-	0	0	0	71	333	340	0	-	21	9	16 24	46	21	15	15	35
Antrim. Aldergrove	282	40	20	-	0	1	3	91	513	137	0	340	26	12	15 17	51	23	15	16	55
10. IRELAND, S.																				
Dublin. Kingstown (Cup Anr.)	49	27	27	17	1	7	54	236	347	106	0	10	40	18	17 11	-	-	-	-	-
Clare. Quilty	100	40	32	-	0	3	23	221	370	130	0	-	31	14	17 19	44	20	17	18	45
Kerry. Valentia Observatory	98	41	33	-	0	2	19	233	304	186	0	10	32	14	15 21	51	23	17	10	45
Cork. Cork	132	71	40	-	0	0	0	53	368	323	0	-	22	10	17 15	35	16	15	16	25
11. SCILLY ISLES.																				
St. Mary's	230	65	57	17	10	8	60	365	282	27	0	340	64	29	17 20	90	40	17	19	05

‡‡ Brackets ( ) indicate that the distribution as between winds above and below 4 m.p.h. is doubtful, but the total number of hours with winds below 12 m.p.h. is reliable.

‡ Data inaccurate prior to October, 1929 (*see* 1933 Annual Summary, Wind Section).

† Figures are for Butt of Lewis.

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

The dotted lines indicate the normal distribution of pressure in May, based on 35 years' observations, 1881–1915.

1014 1023 1022 1015 1021 1020 1019 1016 1018 1017

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

2. MOVEMENTS OF DEPRESSIONS.

SCALE 1:25,000,000.

Positions of centres are shown 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. 54° 52° 50° 48° 46°

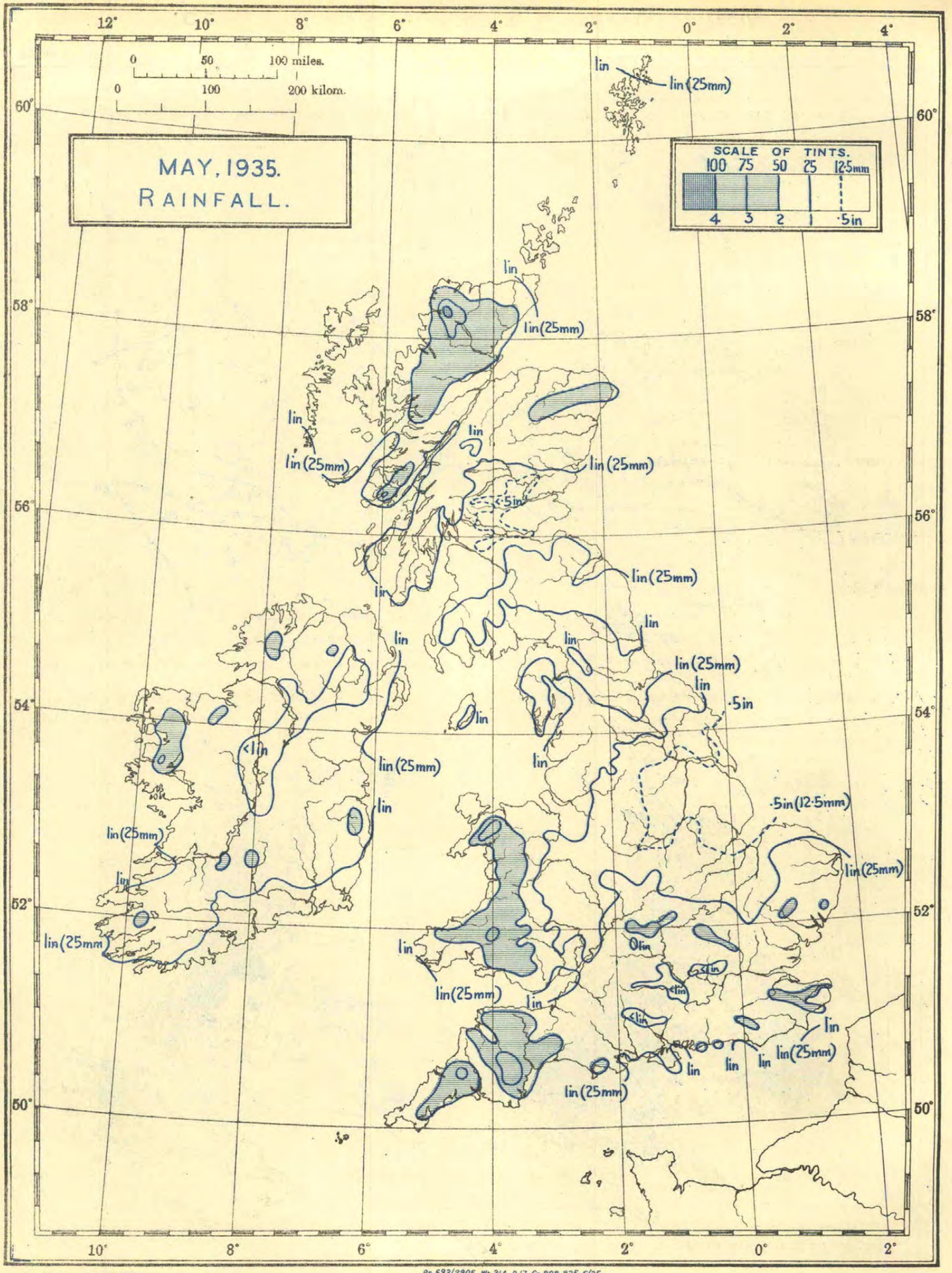
Sea temperatures are shewn in large figures, thus: 45°

4. BRIGHT SUNSHINE, HOURS PER DAY.

SCALE OF TINTS. Hrs. 9·0 8·0 7·0 6·0 5·0

H.M.Stationery Office Press Kingsway W.C.2.

*The pressure is expressed in millibars.



Ps.593/2905. Wt 21A. D.17. Gp.908. 525. 6/35.

Scale 1 : 5,000,000.

The equivalent values in mm. are given in round numbers. The exact relation is ·10in = 2·54 mm.

TABLE III.—SUMMARY of the RECORDS of TEMPERATURE, RAINFALL and SUNSHINE, and of WEATHER OBSERVATIONS, MAY, 1935

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.		Difference from Average.	Most in a day. Amount.	Date.	WEATHER. Number of days. Precip'n. 0·2 mm. or more.	1 mm. or more.	Snow.	Snow lying.	Hail.	Thunderstorm.	Fog (Morn'g Obs.)	Ground Frost.	Gale.	BRIGHT SUNSHINE. Hours per day. Daily Mean.	Difference from Average.	Per Cent.
		G.M.T.	ft.	°F.	°F.	°F.	°F.	°F.		°F.		°F.	°F.	in.	mm.	mm.	mm.											hr.	hr.	%
0. SCOTLAND, N.																														
Shetland.	Baltasound ..	9 9 9	31	50·3	40·9	45·6	-0·4	56	4	28	16	47·4	-	1·34	34	-24	9	15	14	7	5	0	4	0	1	-	1	4·60	-0·98	26
	Lerwick .. ¶§	18-7 7	156	48·6	41·2	44·9	-0·8	57	24	28	16	-	-	0·94	24	-	9	15	7	5	4	0	5	0	2	-	2	5·02	-0·19	29
Orkney.	Deerness	2121 9	160	50·5	41·3	45·9	-0·4	57	9	30	16	-	-	0·53	13	-38	4	13	8	5	4	1	3	0	1	-	-	5·42	+0·10	32
	Kirkwall .. ¶§	9 9 9	113	52·8	42·1	47·5	+0·4	61	4	30	16	48·9	-	0·71	18	-35	5	16	9	6	3	1	4	0	0	5	2	5·41	-0·02	32
Hebrides.	Skallary	101010	30	57·1	44·7	50·9	-	64	9	33	17	-	-	1·00	25	-	6	14	9	7	0	0	0	0	-	-	-	-	-	-
	Stornoway(C.G.) ¶§	18-7 7	80	53·4	42·8	48·1	+1·0	65	28	31	17	-	-	1·66	42	-	10	13	9	7	2	1	3	0	0	-	1	8·85	+3·00	53
	Stornoway ..	- - 9	30	-	-	-	-	-	-	-	-	-	-	2·07	53	-12	14	18	10	7	-	-	-	-	-	-	-	-	-	-
Skye.	Duntulm ..	9 9 9	294	55·3	42·6	48·9	-	65	29,30	32	17	-	-	1·42	36	-	9	14	9	7	2	1	0	0	0	-	2	8·75	-	53
Caithness.	Wick	18-7 7	81	49·7	40·8	45·3	-0·6	57	4,5,6	30	17	-	-	0·56	14	-39	5	13	6	5	3	0	2	0	1	-	2	-	-	-
Ross & Cromarty.	Achnashellach ..	9 9 9	225	62·1	39·3	50·7	-	72	30	28	15,16,17	-	-	2·23	57	-57	29	15	6	6	2	2	0	0	0	11	-	-	-	-
	Fortrose	9 9 9	69	53·5	41·0	47·3	-2·0	61	4	31	17	-	-	1·00	25	-	12	13	8	6	3	0	0	0	-	0	0	6·35	+0·80	38
Inverness.	Dalwhinnie ..	18-7 7	1176	56·8	32·2	44·5	-	69	9	21	13,17	-	-	0·71	18	-	10	13	7	6	6	1	3	0	2	22	0	7·41	-	45
	Ft. Augustus ¶	9 9 9	68	56·2	40·9	48·5	-0·2	70	28	30	17,18	-	-	0·64	16	-45	7	14	8	6	2	0	0	0	0	-	-	6·48	-	39S
	Ft. William ..	9 9 9	34	61·6	(40·9)	(51·3)	(+0·9)	71	9,29,31	30	17	52·0	49·2	0·93	24	-73	9	13	10	7	0	0	0	0	0	5	0	7·85	-	48S
	Inverness ¶§	9 9 9	242	53·7	39·7	46·7	-2·8	63	3,8	30	14	-	-	1·14	29	-17	14	13	8	5	3	0	1	0	0	4	0	6·36	+1·27	39
1. SCOTLAND, E.																														
Nairn.	Nairn .. ¶§	9 9 9	20	52·9	38·9	45·9	-3·2	60	3	31	31	-	-	1·51	38	- 8	19	13	9	8	1	0	2	0	0	-	0	6·25	+0·90	38
Moray.	Forres	9 9 9	155	55·5	38·1	46·8	-	65	4	32	16,17	-	-	1·76	45	)-	17	13	8	6	4	2	2	0	0	-	0	6·78	-	41
	Gordon Castle ..	2121 9	104	55·7	39·5	47·6	-1·7	69	4,28	31	16,17	-	-	1·51	38	-16	17	13	6	6	3	0	2	1	-	-	-	6·21	+0·66	38S
Banff.	Banff	9 9 9	130	53·1	41·3	47·2	-1·7	67	4	33	17	-	-	1·64	42	- 6	11	17	6	6	2	0	2	0	0	0	0	5·91	+0·31	36
Aberdeen.	Aberdeen ¶§	242424	79	50·7	40·5	45·6	-2·4	62	3	30	17	49·3	47·0	1·60	41	-18	11	13	8	5	5	3	4	0	2	4	0	5·55	-0·05	34
		18-7 -	—	51·5	39·5	45·5	-2·8																							
	Balmoral	9 9 9	927	55·2	33·2	44·2	-2·3	67	5	24	15	-	-	1·41	36	-23	12	13	9	6	4	3	0	0	-	18	0	-	-	-
	Braemar	2121 9	1111	56·2	34·0	45·1	-1·1	68	5	26	15	-	-	1·22	31	-29	11	13	7	6	3	4	0	1	0	18	0	7·32	-	45S
	Craibstone ..	9 9 9	300	51·9	38·4	45·1	-	62	3,4	29	17	47·8	45·8	1·94	49	-15	19	17	8	5	4	2	3	0	-	7	-	6·34	-	39
	Logie Coldstone ..	9 9 9	608	56·3	35·0	45·7	-1·9	66	8,28	24	17	-	-	1·91	49	-14	15	13	7	6	5	2	0	0	0	9	-	-	-	-
Kincardine.	Balmakewan ..	9 9 9	80	55·4	37·2	46·3	-	61	3,11,27	27	17	-	-	1·36	35	-20	10	13	6	5	4	0	0	0	0	23	0	-	-	-
	Stonehaven ..	9 9 9	12	52·4	39·3	45·9	-	60	11	29	17	-	-	2·13	54	-	24	17	5	5	3	0	0	0	1	-	-	6·17	-	38
Angus.	Arbroath	2121 9	93	53·9	39·0	46·5	-2·0	62	3	28	17	-	-	0·86	22	-29	8	13	5	5	2	0	0	0	1	13	0	7·79	-	48
	Carnoustie ..	9 9 9	39	52·7	39·7	46·2	-2·1	58	3	29	17	-	-	0·82	21	-33	8	13	6	5	3	0	1	0	-	-	0	7·12	+1·37	44
	Dundee ¶§	9 9 9	147	53·8	39·7	46·7	-2·4	63	3	30	17	50·5	-	0·75	19	-32	9	13	8	5	3	0	1	0	-	7	0	7·53	+2·23	46
	Kettins	9 9 9	218	57·6	37·3	47·5	-1·6	66	4,5,8	25	17	53·2	-	0·57	14	-54	5	13	8	5	3	0	1	0	0	14	0	-	-	-
	Montrose	9 9 9	16	51·2	38·9	45·1	-2·4	56	7	30	17	-	-	1·16	29	-	10	13	5	4	2	0	1	0	0	-	1	6·80	+1·40	42
Perth.	Crieff	2121 9	478	57·5	38·7	48·1	-1·0	68	5	26	17	-	-	0·26	7	-56	2	13	8	3	3	0	0	0	-	-	0	-	-	-
	Perth	9 9 9	76	59·1	38·9	49·0	-1·2	69	4,5	26	17	-	-	0·44	11	-45	5	13	6	4	2	0	0	0	-	-	-	7·65	+2·16	47
Fife.	Cupar	9 9 9	210	54·6	39·4	47·0	-2·1	66	4	26	17	-	-	0·66	17	-	8	13	6	5	0	0	1	0	-	-	-	-	-	-
	Dunfermline ..	9 9 9	237	55·2	40·3	47·7	-	68	4	30	17	52·2	49·2	0·75	19	-	6	13	5	4	3	0	0	0	1	7	0	7·83	-	48
	Inchkeith	18-7 7	190	53·5	42·3	47·9	-0·8	66	4	32	17	-	-	0·47	12	-31	5	13	5	4	2	0	0	0	1	7	0	7·16	-	44
	Kirkcaldy ..	9 9 9	63	54·7	42·0	48·3	-1·7	61	5	31	17	-	-	0·70	18	-	7	13	6	4	1	0	0	0	-	-	-	-	-	-
	Leuchars	18-7 7	35	53·8	38·9	46·3	-2·0	64	4	28	17	-	-	0·83	21	-29	12	13	5	4	2	0	0	0	1	12	0	7·25	+1·53	45
	St. Andrews ..	9 9 9	13	52·6	40·4	46·5	-2·2	63	4	28	17	52·0	49·3	0·84	21	-32	12	13	6	5	2	0	1	0	1	5	-	7·08	+1·63	43
Mid Lothian.	Edinburgh—																													
	Blackford H. ¶§	2121 9	441	53·1	40·7	46·9	-1·8	67	4	31	15,17	-	-	0·93	24	-28	9	13	5	5	2	0	0	0	0	6	0	6·98	+1·69	43S
	Boghall	9 9 9	639	54·3	38·8	46·5	-	67	4	28	15	50·6	47·5	0·98	25	-	9	13	6	5	3	0	1	0	1	7	-	7·05	-	43
	Liberton ..	9 9 9	190	55·0	39·8	47·4	-	68	4	29	15	-	-	1·02	26	-	9	13	5	5	(2)	0	0	0	-	-	-	-	-	-
	Univ. King's B.	9 9 9	225	54·2	40·4	47·3	-	67	4	29	15	51·6	49·1	0·99	25	-	9	13	5	5	-	-	-	-	-	-	-	-	-	-
E. Lothian.	Dunbar	9 9 9	75	51·0	41·3	46·1	-	63	4	30	15	-	-	0·67	17	-	8	13	6	3	2	1	1	0	1	1	0	5·91	-	36
	N. Berwick ..	9 9 9	118	53·7	40·9	47·3	-	66	4	30	15	-	-	0·93	24	-24	8	13	6	5	1	0	1	0	1	2	0	6·60	-	41
Berwick.	Marchmont ‖¶§	9 9 9	498	54·0	38·8	46·4	-2·0	68	5	30	15,17	-	-	1·03	26	-37	10	15	5	4	2	1	1	0	-	-	0	6·59	+1·11	41S
Peebles.	Peebles	9 9 9	629	56·8	35·9	46·3	-	67	5	23	16,17	-	-	1·27	32	-	12	16	4	4	1	1	0	0	0	14	0	7·65	-	48
	West Linton ..	9 9 9	820	55·7	37·0	46·3	-0·8	68	5	24	15	52·1	47·4	0·99	25	-	12	16	4	4	3	1	0	0	4	9	-	-	-	-
Roxburgh.	Kelso (Br'ml'ds)	9 9 9	193	55·5	39·5	47·5	-2·5	70	5	27	15	-	-	0·92	23	-26	9	15	7	4	1	1	0	0	0	-	0	-	-	-
	Wolfelee	9 9 9	537	56·9	38·8	46·9	-2·0	70	5	22	15	-	-	1·06	27	-33	15	16	4	3	2	1	0	0	2	-	0	-	-	-
6a. SCOTLAND, W.																														
Argyll.	Ardtornish ..	2121 9	48	63·5	39·0	51·3	+0·8	72	7,11,31	30	14,17	-	-	1·30	33	-	7	16	6	6	2	1	1	0	-	7	-	-	-	-
	Colonsay	9 9 9	100	58·2	42·3	50·3	-	69	28	31	17	-	-	1·36	35	-	11	18	9	7	2	1	1	0	-	-	-	-	-	-
	Dunoon	9 9 9	46	60·8	39·3	50·1	-	70	5	28	18	53·5	49·5	1·38	35	-	10	16	10	7	0	0	0	0	0	7	-	6·97	-	43S
	Glenbranter ..	9 9 9	188	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Oban	9 9 9	229	59·8	45·0	52·4	+1·8	71	29	37	18	-	-	0·46	12	-	4	14	8	4	0	0	0	0	0	0	0	8·50	+2·65	52
	Tiree	18-7 7	22	55·7	44·3	50·0	-	66	28	33	17	-	-	0·98	25	-38	10	18	8	6	0	0	1	0	0	0	0	9·82	-	60
Bute.	Rothesay ¶§	2121 9	200	58·5	42·9	50·7	+0·7	68	11	32	17	53·1	49·8	1·11	28	-49	9	16	8	7	2	1	0	0	0	5	1	8·56	+2·96	53
Dumbarton.	Cardross	9 9 9	130	60·5	39·0	49·7	-0·3	69	4,5,8	28	17	-	-	0·57	14	-	7	16	7	4	1	0	1	0	5	-	0	7·57	+2·46	47S
	Helensburgh ..	9 9 9	21	59·6	39·8	49·7	+0·2	70	11	30	13,14,17	-	-	0·70	18	-59	6	16	7	6	2	0	0	0	0	-	0	7·57	+2·24	47
Stirling.	Stirling	9 9 9	151	58·6	41·5	50·1	-0·4	71	5	30	17	52·1	48·5	0·19	5	-	2	18	5	3	(1)	0	0	0	0	(6)	-	5·73	+0·84	35S
Renfrew.	Greenock	9 9 9	199	59·3	42·8	51·1	+1·0	69	8	33	18	-	-	0·57	14	-74	8	16	6	4	0	0	0	0	1	1	-	-	-	-
	Paisley	2121 9	106	60·3	42·5	51·4	0·0	71	4,5,6	31	17	52·3	49·2	0·60	15	-48	9	16	5	3	2	0	0	0	0	6	-	6·49	+1·32	40
	Renfrew ¶§ (Abbotsinch)	18-7 7	19	59·9	40·1	50·0	+0·7	71	4,5,8	27	15,18	-	-	0·50	13	-47	8	16	4	3	1	1	0	0	1	10	0	6·68	+1·41	41
Lanark.	Dungavel ..	9 9 9	798	57·0	37·2	47·1	-0·4	68	28	26	17	-	-	0·74	19	-	8	16	6	3	3	0	0	0	0	10	-	-	-	-
	Glasgow	9 9 9	85	58·4	43·0	50·7	+0·1	70	5	32	17	-	48·6	0·48	12	-54	7	16	4	3	2	0	1	0	1	-	-	-	-	-
	Thorntonhall ..	9 9 9	440	57·9	38·1	48·0	-0·8	70	5	25	17	-	-	0·67	17	-	11	16	4	3	1	1	2	0	-	9	0	7·15	+2·10	44S
Ayr.	Auchincruive ..	9 9 9	89	60·5	38·1	49·3	-	71	28,29	24	18	52·8	49·8	0·65	17	-	6	16	6	5	2	0	1	1	0	18	-	9·06	-	56
	Colmonell ..	9 9 9	170	60·6	39·2	49·9	-1·0	72	28	29	15	-	-	0·65	17	-48	7	18	5	4	0	0	1	0	0	8	-	-	-	-
	Troon	9 9 9	15	60·1	42·3	51·2	-	71	28	29	17	-	-	0·51	13	-	4	15	5	5	1	0	0	0	0	4	0	8·44	-	52S
	Turnberry ..	9 9 9	30	59·2	41·2	50·2	-0·7	68	4	32	17	-	-	1·49	38	-	8	16	5	5	0	0	1	0	0	0	0	9·89	+3·64	61
Dumfries.	Dumfries .. ¶§	2121 9	140	59·4	39·9	49·7	-1·1	70	6	28	15	51·8	49·2	0·74	19	-47	8	16	5	5	1	1	0	0	0	9	0	8·60	+2·82	54
	Eskdalemuir ¶§	242424	794	56·5	36·0	46·3	-1·0	68	5	21	15	49·5	46·2	1·16	29	-55	11	15	7	5	5	1	1	0	0	10	0	8·64	+3·47	54
		18-7 -	—	57·3	37·0	47·1	+0·4																							
	Ruthwell	2121 9	67	63·1	38·2	50·7	-0·2	72	11	25	15	-	-	0·53	13	-	7	16	4	3	1	1	0	0	-	-	0	7·41	+1·74	46S
	Thornhill ..	9 9 9	670	58·9	38·0	48·5	-	69	5,6	29	15	-	-	0·70	18	-	9	15	5	5	1	1	0	0	0	-	1	-	-	-

¶§ S *See* Notes on Tables on last page of this issue. ‖ On and after April 14th, observations were taken one hour earlier than the time shown.

TABLE III (*continued*).—SUMMARY of the RECORDS of TEMPERATURE, RAINFALL and SUNSHINE, and of WEATHER OBSERVATIONS, MAY, 1935

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.		Difference from Average.	Most in a day. Amount.	Date.	WEATHER. Number of days. Precip'n. 0·2 mm. or more.	1 mm. or more.	Snow.	Snow lying.	Hail.	Thunderstorm.	Fog (Morn'g Obs.)	Ground Frost.	Gale.	BRIGHT SUNSHINE. Hours per day. Daily Mean	Difference from Average.	Per Cent.
6b. ISLE OF MAN.		G.M.T.	ft.	°F.	°F.	°F.	°F.	°F.		°F.		°F.	°F.	in.	mm.	mm.	mm.												hr.	hr.	%
Isle of Man.	Douglas	9 9 9	284	57·3	44·1	50·7	*+0·3*	67	6	33	15	–	–	1·06	27	–37	8	15	8	5	0	0	1	0	0	1	0	9·45	+2·76	59
	Point of Ayre ..	18–7 7	30	56·5	46·6	51·5	–	64	5	40	17,18,22	–	–	0·49	13	–	4	18	5	5	0	0	0	0	0	–	0	9·64	–	61
2. ENGLAND, N.E.																														
Northum-berland.	Berwick-on-T. ..	9 9 9	76	49·6	40·9	45·3	–	60	3	30	15	–	–	0·76	19	–27	8	13	6	4	1	0	2	0	1	2	–	5·75	–	35
	Bellingham ..	9 9 9	849	56·6	36·0	46·3	*–2·1*	70	5	25	15	–	–	0·94	24	–37	14	16	4	3	4	1	3	0	0	–	–	–	–	–
	Cockle Park ¶§	2121 9	325	53·5	38·3	45·9	*–2·4*	64	3	30	17	48·2	47·6	1·17	30	–26	14	16	6	4	3	1	2	0	0	3	0	5·85	+0·23	36
	Tynemouth ..	18–7 7	108	48·8	42·6	45·7	*–3·4*	56	2	33	17	–	–	1·15	29	–22	11	16	7	5	2	0	4	0	3	0	0	–	–	–
Durham.	Chopwellwood ..	9 9 9	446	54·7	38·9	46·8	*–2·5*	71	5	29	15,19	–	–	1·13	29	–25	12	16	5	3	2	2	1	0	0	7	–	6·17	*+0·76*	39
	Durham .. ¶§	2121 9	336	54·6	39·4	47·0	*–2·3*	69	5	28	19,22	–	–	0·80	20	–29	7	13	5	4	3	1	1	0	0	5	0	5·51	+0·23	34
	Houghall.. ..	9 9 9	160	55·4	39·0	47·2	–	72	5	26	19	–	–	0·76	19	–	7	13	6	4	4	1	1	0	0	10	0	5·36	–	33
	Ushaw College ..	9 9 9	594	53·6	39·3	46·7	*–2·8*	71	5	31	15,19	–	–	0·96	25	–30	9	13	6	5	4	1	2	0	1	–	–	–	–	–
Yorks., N. Riding.	Ampleforth ..	9 9 9	313	55·3	39·9	47·7	*–3·0*	70	6	30	19	–	–	1·40	36	–	11	16	7	6	3	1	1	1	0	15	–	8·33	–	52
	Castleton ..	9 9 9	450	52·5	37·0	44·7	–	68	3,5	27	20	47·9	–	1·91	49	–	17	13	10	6	3	1	2	0	0	9	–	–	–	–
	Catterick.. ..	18–7 7	175	54·5	39·8	47·1	–	71	5	29	19	–	–	0·67	17	–	5	16	6	5	3	1	1	3	1	8	0	6·16	–	39
	Scarborough ††¶§	9 9 9	118	53·2	42·4	47·8	*–2·8*	63	3	33	17	–	50·1	1·10	28	–20	10	16	7	6	1	1	2	0	0	1	1	5·41	–0·46	34
	York .. ¶§	2121 9	57	58·3	41·3	49·8	*–2·6*	74	6	33	17,19	51·6	49·6	1·07	27	–24	8	17	7	6	3	0	1	0	–	–	0	8·20	+3·15	52
Yorks., E. Riding.	Hull	2121 9	8	55·3	42·6	48·9	*–2·7*	68	6	34	19	52·1	48·7	0·49	12	–37	4	13	5	4	2	0	3	1	0	5	–	6·98	–	44
	Spurn Head ..	18–7 7	29	52·8	43·7	48·3	*–2·2*	61	6	36	17	–	–	0·47	12	–34	6	13	4	3	1	0	2	0	0	–	1	7·28	*+1·15*	46
Lincoln.	Cranwell .. ¶§	18–7 7	240	59·4	39·5	49·5	*–1·8*	75	6	29	18	52·5	50·4	0·41	10	–36	5	13	7	4	2	0	1	1	0	6	0	7·39	*+0·75*	47
	Cleethorpes ..	9 9 9	23	53·0	42·8	47·9	–	62	2,10	31	17	–	–	0·33	9	–	5	13	4	3	0	0	2	0	0	4	–	6·91	–	44
	Skegness ..	9 9 9	15	52·6	43·6	48·1	*–2·8*	60	2	30	17	–	–	0·30	7	–36	4	13	4	2	0	0	3	0	0	2	–	7·36	*+0·61*	47
3. ENGLAND, E.																														
Norfolk.	Cromer	9 9 9	178	54·3	42·9	48·6	*–3·3*	63	3	31	17	–	–	0·78	20	–22	9	14	5	4	0	0	1	0	0	3	0	7·36	*+0·71*	47
	Hunstanton ..	9 9 9	105	54·4	43·4	48·9	–	67	3	34	18	–	–	0·51	13	–	6	14	6	2	1	0	0	0	0	–	–	7·38	–	47
	Norwich	9 9 9	110	57·9	41·8	49·9	*–3·9*	73	6	29	18	51·4	–	1·37	35	–	19	14	8	5	2	0	3	0	–	7	–	8·57	*+1·45*	55
	Sprowston ..	9 9 9	93	57·1	40·9	49·0	–	71	5	27	2,18	–	–	1·43	36	–	17	14	9	6	2	0	2	0	0	13	–	8·80	–	56
	Terrington ..	9 9 9	13	56·8	42·3	49·5	–	69	4,6	30	2,17,18	–	–	0·81	21	–	6	14	7	5	2	0	2	1	0	7	–	7·54	–	48
	Thetford (Lynford Nursery) ..	9 9 9	99	60·1	39·3	49·7	–	75	6	23	2,18	53·2	50·7	0·82	21	–	8	14	8	4	2	0	2	1	0	8	–	8·31	–	53
	Yarmouth ¶§	18–7 7	5	53·2	44·9	49·1	*–2·4*	63	6	31	17	53·2	–	1·25	32	–12	13	14	8	5	1	0	4	1	0	1	1	8·53	*+1·15*	54
Suffolk.	Bungay (Flix'n)..	9 9 9	79	59·5	41·3	50·4	*–2·5*	75	6	28	2	–	–	0·69	17	–	6	19	5	5	2	0	0	1	0	6	–	–	–	–
	Copdock	9 9 9	164	59·1	41·5	50·3	*–2·7*	74	6	28	17	52·7	50·6	1·85	47	–	11	14	6	6	0	0	2	2	0	4	–	7·72	*+0·57*	49
	Felixstowe ..	18–7 7	15	56·6	43·6	50·1	*–2·3*	71	6	34	17	–	–	1·76	45	+11	18	20	7	6	0	0	2	3	0	2	0	7·91	*+0·16*	51
	Hartest	9 9 9	250	59·5	40·8	50·1	–	75	6	28	17	–	–	2·25	57	–	16	14	8	7	0	0	3	2	0	8	–	8·53	–	55
	Lowestoft ..	9 9 9	82	55·2	43·5	49·3	*–1·2*	66	5	29	17	54·5	–	1·32	34	– 7	17	14	8	5	0	0	1	1	0	–	0	8·57	*+1·45*	55
Cambridge.	Cambridge ¶§ (Bot. Gdns.)	2121 9	41	59·5	42·0	50·7	*–2·7*	75	6	28	17	52·7	50·8	0·73	19	–26	6	19	6	5	1	0	1	0	0	5	0	6·71	+0·14	43
	(Univ. Farm) ..	9 9 9	78	59·7	41·5	50·6	–	73	6	28	18	–	–	0·72	18	–	7	19	8	4	1	0	1	0	0	2	0	7·20	–	48
Bedford.	Luton	9 9 9	381	57·8	40·9	49·3	*–2·4*	73	6	28	17	52·5	49·7	2·19	56	–	14	30	8	8	1	0	0	2	0	6	–	6·05	*–0·48*	39
	Woburn	9 9 9	291	59·1	40·5	49·8	*–2·5*	75	6	27	18	53·7	50·3	2·37	60	+11	15	19	9	7	2	0	1	2	0	7	–	6·07	–0·01	39
Hertford.	Rickmansworth	9 9 9	192	61·4	37·2	49·3	–	78	6	17	17	52·6	49·9	1·17	30	–	8	20	12	8	2	0	2	3	0	15	0	6·30	–	41
	Rothamsted ¶§	9 9 9	420	57·7	41·2	49·5	*–3·0*	72	6	27	17	50·3	–	1·75	45	– 4	10	30	9	8	2	0	1	2	0	6	0	6·25	*–0·27*	40
	St. Albans ..	9 9 9	272	59·0	41·1	50·1	–	74	6	27	17	51·7	–	1·80	46	+ 1	13	30	8	7	1	0	1	2	0	5	–	–	–	–
Essex.	Clacton-on-S. ¶§	9 9 9	53	58·8	44·8	50·8	*–1·8*	70	6	31	17	52·6	51·8	1·38	35	– 1	15	20	8	5	0	0	4	2	0	1	–	7·40	*–0·07*	47
	Chelmsford ..	9 9 9	134	60·9	41·8	51·3	*–2·2*	76	6	27	17	–	–	1·18	30	– 7	15	20	7	5	0	0	2	1	–	–	–	–	–	–
	Chelmsford (Agr. St.)	9 9 9	193	61·1	40·5	50·8	–	75	6	28	17	–	–	0·90	23	–	10	20	8	6	0	0	0	1	–	–	–	6·82	–	44
	Earls Colne ..	9 9 9	168	60·8	41·8	51·3	–	76	6	30	2,17	–	–	1·38	35	–	9	19	6	5	1	0	0	1	–	–	–	–	–	–
	Halstead ..	9 9 9	140	60·6	41·8	51·2	*–2·7*	76	6	27	17	–	–	1·31	33	–	10	19	5	5	1	0	1	1	0	–	–	–	–	–
	Shoeburyness ..	18–7 7	11	57·5	43·5	50·5	*–2·2*	72	6	30	17	–	–	1·06	27	– 8	9	24	11	7	1	0	4	1	0	2	0	7·15	*–0·42*	46
4. MIDLAND COUNTIES.																														
Yorks., W. Riding.	Askham Bryan ..	9 9 9		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Bingley	9 9 9	610	55·5	39·1	47·3	–	70	6	30	17	–	–	0·81	21	–	6	16	6	5	3	1	1	0	1	5	–	–	–	–
	Bradford ..	9 9 9	439	56·3	40·5	48·4	*–2·5*	71	6	32	17,18	50·5	48·4	0·96	22	–31	11	17	5	5	–	–	–	–	2	7	–	7·68	*+2·43*	48
	Doncaster ..	9 9 9		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Giggleswick ..	9 9 9	575	56·7	38·6	47·7	*–2·4*	70	6	28	13	–	–	1·12	29	–	19	16	5	4	2	1	0	0	1	–	5	8·46	–	53
	Harrogate ¶§	18–7 7	478	55·5	40·2	47·9	*–1·8*	69	5,6	32	19,22	49·3	49·0	1·16	29	–26	17	17	6	5	3	1	3	1	1	6	0	7·33	+1·83	46
	Huddersfield ..	2121 9	325	58·0	40·0	49·0	*–2·5*	72	6	29	22	51·3	48·4	0·63	16	–36	8	17	6	4	3	1	1	0	0	7	–	6·40	*+1·47*	40
	,, (Oakes)	9 9 9	761	58·9	39·3	49·1	–	75	6	31	17,18,22	49·8	47·0	0·76	19	–40	10	17	6	6	3	1	1	0	0	5	0	–	–	–
	Meltham .. **	9 9 9	514	58·8	39·7	49·3	–1·2	73	6	28	22	50·2	49·8	0·69	17	–54	5	13	6	5	2	0	5	4	0	6	–	–	–	–
	Pontefract ..	9 9 9	255	56·7	40·5	48·6	–	72	6	32	17	–	–	0·56	14	–35	3	14,18	8	5	–	–	–	–	0	4	–	–	–	–
	Sheffield	9 9 9	428	57·2	41·5	49·3	*–2·8*	71	6	34	17	49·0	47·6	0·38	10	–48	4	13	5	4	–	–	–	–	–	2	–	5·97	+0·74	38
	Wakefield ..	9 9 9	124	60·0	40·8	50·4	*–1·7*	75	6	32	18,19,22	51·6	48·9	0·61	15	–35	4	14	7	5	4	0	3	1	0	7	–	7·32	*+2·46*	46
Derby.	Belper (School) ..	9 9 9	222	60·6	41·0	50·8	*–1·8*	74	6	31	19,22	–	–	0·35	9	–45	3	14	6	5	1	0	0	0	–	–	–	–	–	–
	Belper (Q. Bk.) ..	9 9 9	280	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Buxton	9 9 9	1007	55·0	38·4	46·7	*–2·4*	67	5	29	18	48·6	46·7	0·67	17	–62	6	13	8	7	4	0	1	1	0	6	–	7·08	*+1·52*	45
Nottingham.	Attenborough ..	18 7 7	89	59·9	40·6	50·3	–	76	6	27	17	–	–	0·30	8	–	2	13	6	4	3	0	2	0	1	6	0	–	–	–
	Mansfield ..	9 9 9	357	58·7	40·2	49·5	–	73	6	31	17	–	–	0·28	7	–	3	13	4	3	2	0	1	0	0	–	–	–	–	–
	Nottingham ¶§	9 9 9	192	57·9	42·6	50·3	–2·1	73	6	31	17	50·3	49·5	0·38	10	–37	3	13	6	6	–	–	–	–	0	3	–	6·79	*+1·34*	43
	Sutton Bon'gton	9 9 9	157	58·7	40·3	49·5	–	72	6	30	17	51·5	–	0·54	14	–31	5	28	6	5	1	0	0	0	0	6	–	6·60	–	42
	Worksop ..	9 9 9	56	60·2	40·2	50·2	–2·3	75	6	31	18	52·5	50·4	0·42	11	–40	4	13	6	5	2	0	2	0	–	6	0	7·69	–	49

† At Scarborough the earth thermometer is at a depth of 3 ft. ** At Meltham the earth thermometers are at depths of 1 ft. and 2 ft.

¶§ S *See* Notes on Tables on last page of this issue.

TABLE III (*continued*).—SUMMARY of the RECORDS of TEMPERATURE, RAINFALL and SUNSHINE, and of WEATHER OBSERVATIONS, MAY, 1935

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. in.	mm.	Difference from Average. mm.	Most in a day. Amount. mm.	Date.	WEATHER. Number of days. Precip'n. 0·2 mm. or more.	1 mm. or more.	Snow.	Snow lying.	Hail.	Thunderstorm.	Fog (Morn'g Obs.)	Ground Frost.	Gale.	BRIGHT SUNSHINE. Hours per day. Daily Mean.	Difference from Average.	Per Cent.
4. MID. COUNTIES—*cont.*		G.M.T.	ft.	°F.	°F.	°F.	°F.	°F.		°F.		°F.	°F.	in.	mm.	mm.	mm.											hr.	hr.	%
Leicester.	Belvoir Castle ..	2121 9	259	57·2	40·2	48·7	-3·0	73	6	30	18	52·7	49·2	0·59	15	-39	4	14	6	5	-	-	-	-	-	6	-	7·28	*+0·93*	46
North-ampton.	Oundle	9 9 9	147	58·1	40·7	49·4	*-2·9*	73	6	27	17	53·1	49·9	0·67	17	-	6	14	5	4	1	0	1	1	0	5	-	6·89	*+0·76*	44
	Raunds	9 9 9	213	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Roade ‖	9 9 9	394	59·4	40·2	49·8	-	73	6	26	17	50·5	-	1·75	44	-	21	27	6	6	1	0	1	1	0	2	0	-	-	-
Warwick.	Birmingham ¶§	18–7 7	535	57·8	41·1	49·5	*-1·8*	72	6	30	17	47·3	47·7	1·77	45	- 9	20	19	8	5	1	0	1	0	1	5	0	5·90	+0·24	38
	,, Sparkhill	713 7	425	59·4	40·0	49·7	*-3·4*	75	6	28	17	-	-	1·78	45	-13	20	28	9	6	2	0	3	0	1	7	-	-	-	-
	Coventry.. ..	9 9 9	241	58·7	40·7	49·7	*-3·7*	73	6	27	17	52·6	52·7	1·39	35	-16	11	19	9	8	2	0	0	0	0	5	-	5·79	*+0·10*	37
	Rugby	2121 9	390	61·9	39·5	50·7	-	74	6	28	17	-	-	0·87	22	-	9	19	8	5	1	0	0	0	-	7	-	-	-	-
	Stratford-on-Avon	9 9 9	210	59·7	40·8	50·3	-	73	7	28	17	-	-	1·79	45	-	12	30	9	7	1	0	0	1	0	-	-	6·09	-	39
Oxford.	Oxford .. ¶§	9 9 9	208	59·2	41·8	50·5	-3·2	74	6	29	18	53·0	51·2	1·41	36	-12	9	28	10	9	2	0	3	3	0	7	0	6·08	+0·02	39
Bucks.	Mursley	9 9 9	490	57·6	40·2	48·9	-	71	6	27	17	50·3	-	1·84	47	- 5	15	19	11	8	-	-	-	-	-	-	-	6·04	-	39
Stafford.	Mayfield	9 9 9	374	58·0	39·0	48·5	*-2·3*	72	6	28	17	-	-	0·61	16	-41	4	18	6	6	2	0	0	1	-	5	-	7·44	*+1·66*	47
Shropshire.	Newport	9 9 9	211	58·7	37·7	48·2	-	71	6	28	17,22	-	-	0·93	24	-23	10	19	8	6	1	0	0	0	0	11	-	7·35	-	47
	Shrewsbury ..	9 9 9	184	59·9	39·6	49·7	*-2·6*	72	6	30	13,17,22	52·5	51·3	0·84	21	- 7	19	10	5	2	0	1	0	0	10	0	6·99	-	45
Worcester.	Malvern	9 9 9	380	58·6	42·2	50·4	*-3·0*	73	6	34	17,18	52·6	50·6	0·67	17	-38	3	20	11	7	1	0	0	0	0	1	-	6·77	*+0·21*	43
	Worcester (Perdiswell)	9 9 9	94	60·5	40·8	50·7	-	71	5	25	17	-	-	0·82	21	-	6	19	10	7	1	0	0	0	-	7	-	6·68	-	43
Hereford.	Bromyard ..	9 9 9	393	58·8	40·2	49·5	*-3·0*	73	6	25	17	52·5	50·1	0·90	23	-	9	19	10	7	1	0	1	0	3	7	-	-	-	-
	Hereford ..	9 9 9	292	59·4	41·0	50·2	*-2·4*	73	6	28	17	-	-	0·49	12	-43	4	19	8	5	0	0	0	0	0	6	1	-	-	-
	Ross-on-Wye ¶§	18–7 7	223	59·3	41·8	50·5	*-2·2*	73	6	29	17	52·7	50·9	0·90	23	-31	7	20	9	7	1	0	0	1	1	8	0	6·22	*+0·01*	40
Gloucester.	Bristol (Horfield)	18–7 7	206	60·8	42·3	51·5	-	75	6	30	17	54·1	51·7	1·40	36	-	10	20	12	9	2	0	0	2	1	3	0	-	-	-
	Cheltenham ..	2121 9	214	61·0	41·4	51·2	*-2·7*	73	6	28	17	54·5	52·7	1·12	28	-19	7	19	12	9	1	0	1	0	0	6	0	6·17	*-0·12*	40
	Cirencester ..	9 9 9	443	8·4	40·5	49·5	*-2·0*	72	6	25	19	-	-	1·69	43	-	13	30	11	9	1	0	0	1	0	6	-	6·07	-	39
	Parkend	9 9 9	325	58·9	40·4	49·7	-	72	6	24	17	50·7	49·0	0·95	24	-	7	20	10	5	3	0	0	1	0	8	-	6·40	-	41
5. ENGLAND, S.E.																														
London.	City, Bunhill Row..	—	—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5·85	-0·07	37
	Camden Square ..	9 9 9	110	62·3	44·3	53·3	-3·0	79	6	33	17	52·6	49·6	1·07	27	-18	7	20	9	7	1	0	1	0	-	3	-	-	-	-
	East Ham ..	9 9 9	15	61·2	43·9	52·5	*-2·1*	76	6	33	17	-	-	1·50	38	- 2	10	20	10	8	-	-	-	-	-	-	-	-	-	-
	Enfield	9 9 9	148	61·5	43·2	52·3	*-2·6*	78	6	29	17	-	50·3	1·31	33	-12	11	30	9	6	0	0	1	1	0	3	-	5·66	-	37
	*g*Greenwich ..	2424 9	149	61·2	42·5	51·9	-2·8	76	6	28	17	51·2	49·9	1·51	38	- 6	13	24	10	7	1	0	1	0	0	6	0	5·56	-0·94	36
		21–9 –	—	61·2	43·1	52·1																								
	Hampstead ..	9 9 9	450	58·6	41·3	49·9	*-3·8*	73	6	29	17	-	-	1·17	30	-	6	14	12	7	2	0	1	0	-	5	-	6·53	*-0·26*	42
	Kensington ..	18–9 9	80	60·8	44·4	52·6	*-2·5*	77	6	31	17	52·9	50·5	1·29	33	-	10	20	9	8	0	0	1	0	0	4	0	5·91	-	38
	Kingsway ..	—	—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6·15	-	39
	Regent's Park ..	9 9 9	129	61·2	43·9	52·5	-	77	6	32	17	-	-	1·17	30	-	8	20	9	6	0	0	1	0	0	2	-	6·21	*+0·01*	40
	Kew ¶§	242424	18	59·5	44·1	51·8	-2·7	74	6	30	17	52·3	50·5	1·39	35	- 9	15	20	10	7	1	0	2	0	0	6	0	6·13	-0·41	40
	Observatory ..	18–7 –	—	59·6	44·5	52·1	*-2·5*																							
	Stroud Green ..	18 7 7	212	61·4	43·2	52·3	-	79	6	32	17	-	-	1·17	30	-	7	30	11	7	0	0	1	0	0	4	0	-	-	-
	Tottenham ††¶§	2121 9	51	61·5	44·6	53·1	*-2·4*	77	6	34	17	-	51·4	1·12	28	-14	6	30	8	7	1	0	1	0	-	2	-	6·17	*-0·58*	40
	Westminster ..	9 9 9	27	61·4	45·2	53·3	*-2·6*	77	6	31	17	-	-	1·22	31	-10	8	20	10	6	0	0	0	0	-	2	-	5·87	-0·38	38
Surrey.	Addington ..	9 9 9	472	58·2	42·0	50·1	-2·8	74	6	31	7	-	-	1·54	39	-	14	24	10	8	1	0	0	0	0	-	-	-	-	-
	Croydon Aero. ..	18–7 7	217	59·6	43·6	51·6	*-2·0*	75	6	28	17	-	-	1·44	37	-10	7	24	11	8	0	0	0	0	0	4	0	5·13	*-1·49*	33
	Wisley	9 9 9	150	60·5	42·0	51·3	*-3·0*	76	6	27	17	52·5	50·6	1·29	33	-	9	19	9	7	1	0	0	2	0	9	1	5·37	*-1·33*	35
Kent.	Biggin Hill ..	18–7 7	567	56·9	42·3	49·6	*-2·1*	72	6	30	17	-	-	1·49	38	-12	9	24	12	7	4	0	1	0	1	6	0	5·86	*-1·12*	38
	Bromley	9 9 9	213	59·9	43·0	51·5	-	75	6	28	17	-	-	1·37	35	- 7	15	24	9	7	1	0	1	0	0	1	-	-	-	-
	Canterbury ..	9 9 9	124	57·5	42·7	50·1	*-4·6*	70	5	28	17	52·9	50·0	2·12	54	-	12	26	12	6	-	-	-	-	-	6	-	-	-	-
	Dover	9 9 9	22	57·3	45·4	51·3	*-2·1*	71	5,6	32	17	53·4	51·7	2·30	59	-	13	14	12	10	2	0	1	2	0	1	0	6·70	*-1·00*	43
	Dungeness ..	18–7 7	20	57·4	43·2	50·3	*-2·0*	72	6	26	17	-	-	1·02	26	- 7	8	14	10	7	0	0	1	1	0	-	0	-	-	-
	East Malling ..	9 9 9	132	58·6	41·7	50·1	-	72	5,6	25	17	-	-	1·82	46	-	19	24	10	8	0	0	1	0	0	6	0	5·70	-	37
	Folkestone ..	9 9 9	101	57·0	44·6	50·8	*-1·9*	72	6	33	17	-	51·6	1·80	46	-	10	14	13	8	1	0	1	2	0	2	-	7·17	*-0·39*	46
	Goudhurst ..	9 9 9	290	58·2	41·5	49·9	-	72	5,6	25	17	-	-	1·79	45	-	21	19	12	6	0	0	0	1	0	7	-	-	-	-
	Lympne	18–7 7	346	55·4	43·0	49·2	*-2·3*	69	5,6	29	17	-	50·4	1·60	41	+ 1	8	28	11	7	1	0	3	1	0	5	0	6·75	*-0·84*	44
	Manston	18–7 7	142	53·9	43·7	48·8	-	65	5,6	31	17	-	-	2·12	54	-	17	27	8	8	0	0	0	2	0	4	0	7·38	-	48
	Margate .. ¶§	9 9 9	51	53·1	45·5	49·3	*-4·2*	60	5	34	17	53·0	51·7	1·20	31	- 9	10	19	9	6	0	0	1	2	0	0	0	7·25	-0·46	47
	Tunbridge W. ..	9 9 9	351	59·2	42·0	50·6	*-2·7*	74	6	25	17	53·3	51·3	1·66	42	-	17	19	13	6	1	0	0	0	0	5	0	5·91	-1·18	38
	Wye	9 9 9	164	57·9	42·7	50·3	-	72	5,6	26	17	-	-	2·25	57	-	15	19	11	9	1	0	1	0	-	2	0	6·31	-	41
Sussex.	Ardingly ..	9 9 9	437	59·6	42·2	50·9	*-3·0*	76	6	27	17	-	-	2·01	51	-	22	19	12	6	1	0	0	1	-	3	-	-	-	-
	Beachy Head ..	18–7 7	502	56·9	42·5	49·7	-	72	6	33	15	-	-	1·05	27	-	8	24	8	7	0	0	1	0	0	-	-	-	-	-
	Brighton ..	9 9 9	32	60·4	45·3	52·9	*-1·2*	77	6	31	17	-	52·0	0·87	22	-19	8	19	6	4	0	0	0	1	0	2	0	6·18	-1·27	40
	Eastbourne ..	2121 9	35	58·4	45·2	51·8	-1·4	73	6	32	17	53·7	52·3	1·24	31	-11	11	19	10	6	0	0	1	0	0	2	-	6·38	-1·47	41
	St. Leonards ¶§	2121 9	178	58·5	44·5	51·5	*-1·9*	73	6	33	17	53·9	50·8	1·47	37	- 3	10	19	10	7	0	0	0	0	0	1	3	6·66	-1·05	43
Berkshire.	Ascot H'therw'd	2121 9	320	60·1	41·6	50·9	-	75	6	29	17	-	-	1·35	34	-	9	28	10	7	2	0	1	1	0	9	-	6·31	-	41
	Reading	9 9 9	152	61·7	42·8	52·3	*-1·8*	77	6	28	17	52·7	51·1	1·45	37	-	22	20	11	7	2	0	2	2	-	5	0	-	-	-
	Shinfield	9 9 9	200	61·4	41·4	51·4	*-1·7*	78	6	27	17	-	-	1·07	27	-	16	20	8	4	1	0	1	1	-	-	-	-	-	-
	Warfield	9 9 9	220	59·5	40·5	50·0	-	75	6	25	17	52·6	-	1·76	45	-	23	20	8	6	1	0	1	1	4	7	-	5·98	-	39
Hampshire.	Bournemouth ..	9 9 9	138	61·4	43·5	52·5	*-1·3*	77	6	35	18,19	52·6	51·9	1·07	27	-18	8	15	10	7	0	0	0	0	1	-	-	6·09	*-1·22*	40
	Calshot	18–7 7	8	60·2	45·0	52·6	*-0·9*	76	6	35	14,17	-	-	1·23	31	-14	8	28	13	9	0	0	0	1	0	3	0	6·10	*-1·22*	40
	Long Sutton ..	9 9 9	479	59·7	40·7	50·2	-	76	6	27	18	53·6	-	1·02	26	-	13	19	6	4	2	0	0	0	0	6	-	5·94	-	38
	Southamp'n ¶§	2121 9	64	61·0	43·8	52·4	*-2·5*	76	6	34	14,17,19	-	-	1·47	37	-14	12	30	12	8	1	0	0	1	0	4	0	5·95	-1·10	38
	S. Farnboro' ..	18–7 7	237	60·8	41·7	51·3	*-2·1*	77	6	26	17	-	-	1·28	32	-12	12	19	10	7	0	0	2	0	0	8	0	6·01	*-0·96*	39

†† Tottenham is used as a "district value" station for England, E., and not for England, S.E.

g Temperature from thermometers on a Glaisher stand.

¶§ See Notes on Tables on last page of this issue.

‖ On and after April 14th observations were taken one hour earlier than the times shown.

TABLE III (*continued*).—SUMMARY of the RECORDS of TEMPERATURE, RAINFALL and SUNSHINE, and of WEATHER OBSERVATIONS, MAY, 1935

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. in.	mm.	Difference from Average. mm.	Most in a day. Amount. mm.	Date.	WEATHER. Number of days. Precip'n. 0·2 mm. or more.	1 mm. or more.	Snow.	Snow lying.	Hail.	Thunderstorm.	Fog (Morn'g Obs.)	Ground Frost.	Gale.	BRIGHT SUNSHINE. Hours per day. Daily Mean.	Difference from Average.	Per Cent.
5. ENGLAND, S.E.—*cont.*		G.M.T.	ft.	°F.	°F.	°F.	°F.	°F.		°F.		°F.	°F.	in.	mm.	mm.	mm.											hr.	hr.	%
I. of Wight.	Newport	9 9 9	48	62·8	43·4	53·1	–	78	6	31	14	–	–	1·22	31	–	8	19	10	7	1	0	2	1	0	3	–	–	–	–
	Ryde	9 9 9	13	59·1	45·9	52·5	*-2·6*	71	6	37	17	–	–	0·93	24	–	7	19	12	8	1	0	1	0	0	–	0	6·25	*-1·15*	41
	Sandown ..	9 9 9	13	60·4	45·5	52·9	*-1·4*	76	6	36	14	–	–	1·10	28	–	7	19	13	7	0	0	0	0	0	–	–	6·50	*-1·05*	42
	Totland Bay ..	9 9 9	140	60·3	44·3	52·3	-0·9	76	6	34	19	–	–	0·95	24	-20	8	28	9	3	0	0	0	0	1	3	0	6·21	*-1·08*	40
	Ventnor (Hospital)	9 9 9	59	60·5	45·6	53·1	-0·9	76	6	36	15	–	–	1·40	36	- 7	14	19	11	6	1	0	3	1	–	–	0	6·47	-0·84	42
Wilts.	Amesbury (Boscombe Down)	18–7 7	417	59·1	40·7	49·9	–	72	6	29	17	–	–	0·86	22	–	9	19	10	5	1	0	1	1	1	6	0	5·98	–	39
	Larkhill	9 9 9	440	59·2	40·5	49·9	*-2·0*	72	6	28	17	–	–	1·16	29	-13	12	19	10	8	1	0	1	1	0	8	0	–	–	–
	Marlboro' ‖ ¶§	9 9 9	424	59·9	39·7	49·8	-2·0	75	6	25	17	51·9	49·6	0·93	24	-27	8	19	10	5	0	0	1	0	0	8	0	5·54	-0·39	36
	Porton	9 9 9	363	59·5	40·6	50·1	*-1·5*	73	6	28	17	51·4	–	0·84	21	-23	8	19	10	7	0	0	0	1	0	6	0	6·32	–	41
7a. ENGLAND, N.W.																														
Cumberland.	Keswick	9 9 9	254	59·4	40·5	49·9	*-1·4*	72	6	28	15	51·9	48·6	0·35	22	-59	10	13	4	3	3	0	0	0	0	8	0	9·51	*+3·92*	59
	Newton Rigg ¶§	2121 9	560	58·9	36·7	47·8	-2·3	71	5,6	25	15	–	–	0·38	22	-36	8	6	4	3	1	1	1	0	0	21	0	9·41	+3·49	59
Westmorland.	Ambleside ..	9 9 9	145	60·9	40·6	50·7	–	72	5	29	17	–	–	0·46	12	–	6	15	4	2	1	0	3	0	0	–	–	9·61	–	60
	Appleby	9 9 9	440	58·7	37·8	48·3	*-1·2*	71	5,6	28	15	–	–	0·77	20	-36	9	13	4	3	2	1	0	0	–	–	–	–	–	–
Lancashire.	Bolton	9 9 9	342	59·5	41·4	50·5	-1·2	71	6	33	17,18	51·4	49·0	1·39	35	-33	15	17	7	6	1	1	0	0	–	1	–	7·54	+2·83	48S
	Burnley	9 9 9	458	57·5	39·6	48·5	*-2·0*	71	5,6	27	13	51·3	48·9	1·30	33	–	15	16	6	6	2	0	0	0	1	7	–	7·98	*+2·77*	50
	Darwen	2121 9	724	58·8	39·3	49·1	*-1·5*	75	6	31	13,19	51·7	48·1	1·72	44	-37	13	16	9	6	4	2	0	1	1	7	–	8·10	*+2·82*	51
	Hutton	9 9 9	82	59·2	40·6	49·9	*-1·4*	70	27	29	13	51·5	49·4	1·67	42	–	19	16	7	5	1	2	0	0	0	10	0	8·22	*+2·34*	52
	Lancaster ..	9 9 9	312	61·9	39·6	50·7	*-1·4*	71	30	32	13,15	50·5	49·5	1·50	38	-25	20	16	6	5	1	0	0	0	0	2	0	9·19	*+3·24*	58
	Leyland	9 9 9	125	59·3	40·0	49·7	*-1·6*	69	27,29	27	13	–	–	1·51	38	-18	13	16	7	6	1	1	0	0	1	12	–	8·48	*+2·62*	54
	Manchester (Barton) ..	18–7 7	70	59·7	40·1	49·9	–	72	5	27	13	–	–	1·00	25	–	10	17	6	5	2	0	3	0	1	8	0	7·97	–	50
	(Oldham Road)	2121 9	191	61·5	43·9	52·7	-0·8	74	5	35	17	51·8	50·2	0·83	21	-40	7	17	8	6	3	–	1	0	–	0	–	6·87	*+2·36*	43S
	(Whitworth Pk.)	2121 9	125	59·5	42·5	51·0	-1·9	72	5	32	13	–	–	0·84	21	-33	7	17	7	5	–	–	–	–	0	1	–	7·32	*+2·59*	46
	Southport * .. (Bedford Rd. Pk.) ¶§	9 9 9	35	59·9	40·8	50·3	-1·3	70	4	33	13,18,22	53·0	51·4	1·46	37	-16	10	16	7	6	3	0	1	0	0	6	0	8·38	+1·79	53
	Stonyhurst ¶§	9 9 9	377	57·7	41·0	49·3	-1·8	69	5	32	17,18	–	–	1·16	29	-43	17	16	5	5	2	1	1	0	0	6	0	9·05	+3·34	57
Cheshire.	Bidston Obs'y. ..	18–7 7	198	57·2	43·1	50·1	*-1·4*	68	29	32	17	–	–	1·70	43	- 5	18	17	8	5	3	1	1	1	0	0	0	7·78	*+1·35*	49
	Hoylake	9 9 9	23	59·3	40·5	49·9	-2·6	71	29	31	13	–	–	1·76	45	- 3	10	17	7	7	2	0	1	1	–	8	–	7·86	+1·52	50
	Macclesfield ..	9 9 9	500	58·0	40·6	49·3	-1·9	72	5	30	17	–	–	0·79	20	-40	6	18	8	8	2	0	1	0	0	–	–	–	–	–
	West Kirby ..	9 9 9	25	59·3	40·8	50·1	–	70	29	31	18	–	–	1·63	41	- 7	13	17	8	7	3	1	2	1	0	3	–	8·12	–	51
7b. NORTH WALES.																														
Flint.	Hawarden B'dge	9 9 9	17	59·3	40·9	50·1	-2·8	69	4,29	31	13	–	–	1·52	39	–	11	19	8	6	0	0	0	1	0	–	–	–	–	–
	Rhyl	9 9 9	31	58·4	43·3	50·9	*-1·3*	70	29,30	33	13	–	–	1·63	41	- 4	14	19	8	7	1	0	0	0	0	5	0	7·97	*+1·35*	50
	Sealand .. ¶§	18–7 7	16	59·9	40·5	50·2	*-1·3*	71	29	31	13,22	52·1	50·1	1·80	46	- 1	17	18	9	6	1	0	0	1	0	8	0	7·94	*+2·71*	50
Anglesey.	Holyhead ¶§	18–7 7	26	54·8	46·2	50·5	*0·0*	63	3,4	38	17	–	–	1·42	36	-14	15	19	7	5	0	0	2	0	0	0	2	8·14	*+1·50*	52
Denbigh.	Colwyn Bay ..	9 9 9	118	57·9	46·4	52·1	*-0·8*	67	2,4	39	18	–	–	1·53	39	-11	11	19	8	7	0	0	0	0	0	–	–	7·74	*+1·08*	49
Carnarvon.	Aber	9 9 9	60	57·5	45·0	51·3	–	69	30	35	17	–	–	1·80	46	–	13	16	9	8	1	0	1	0	–	6	0	7·44	–	47
	Llandudno ..	9 9 9	13	57·0	45·0	51·0	*-1·3*	68	4	36	13	–	–	1·24	32	-13	14	19	8	7	2	0	1	0	0	0	0	7·89	+1·20	50
Montgomery.	Welshpool ..	9 9 9	254	61·3	40·0	50·7	*-1·6*	75	6	28	17	–	–	0·62	16	-40	4	17	11	6	0	0	0	0	0	–	–	–	–	–
8a. SOUTH WALES.																														
Cardigan.	Aberystwyth ..	9 9 9	12	59·0	44·4	51·7	*-0·6*	68	25,26	33	17	–	–	1·72	44	–	10	17	12	9	1	1	0	0	1	–	–	7·23	*+1·17*	46
	,, P.B.S. †	9 9 9	452	58·5	43·0	50·7	–	70	30	31	17	–	–	2·32	59	–	17	17	11	9	1	2	1	0	0	4	0	7·09	–	45
Pembroke.	Haverfordwest ..	2121 9	250	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	St. Ann's Hd. ¶§	18–7 7	142	57·9	45·5	51·7	*+0·8*	67	6	32	17	–	–	0·99	25	-24	13	17	8	4	1	0	1	0	0	–	1	7·38	+0·80	47
Radnor.	Rhayader ¶§	9 9 9	757	57·8	39·0	48·4	*-1·5*	71	6	30	10,13	–	–	1·71	43	-31	14	17	9	8	3	1	1	0	0	13	0	6·40	*+0·68*	41
Brecknock.	Cantref	9 9 9	1080	56·9	37·1	47·0	–	69	6	20	17	–	–	2·16	55	–	27	19	10	8	1	0	0	0	0	–	–	6·96	–	45
Glamorgan.	Cardiff	2121 9	202	58·9	43·3	51·1	*-1·9*	75	6	31	17	52·7	50·8	0·78	20	-42	5	18	11	5	0	0	0	0	1	6	0	6·47	*-0·19*	42
	Swansea	9 9 9	27	60·5	46·0	53·3	*-1·4*	74	6	34	18	55·3	54·0	2·15	55	–	31	17	10	5	1	0	0	0	0	4	–	7·19	*+0·97*	46
8b. ENGLAND, S.W.																														
Monmouth.	Newport	9 9 9	265	60·6	42·4	51·5	*-2·2*	74	6	30	17	53·2	50·4	0·88	22	–	7	31	9	6	–	–	–	–	0	–	–	6·32	–	41
	Usk	9 9 9	70	60·5	41·7	51·1	–	74	6	22	17	54·6	–	0·98	25	–	6	20	7	7	1	0	2	0	0	4	0	5·81	–	37
Somerset.	Bath .. ¶§	9 9 9	67	60·7	43·1	51·9	*-2·0*	74	6	30	17	55·2	52·6	1·74	44	- 6	14	20	13	10	0	0	1	1	0	–	0	5·73	*-0·58*	37
	Cannington ..	9 9 9	95	59·8	43·3	51·5	–	70	6	31	17	–	–	1·51	38	–	12	17	12	8	2	0	0	0	0	7	0	5·36	–	35
	Long Ashton ..	9 9 9	162	60·4	42·5	51·5	*-1·4*	74	6	28	17	–	–	1·11	28	-26	9	20	9	8	0	0	2	0	0	5	0	5·46	*-1·06*	35
Dorset.	Holton Heath ..	9 9 9	64	60·7	43·0	51·9	*-0·8*	75	6	30	14,19	54·2	53·2	0·98	25	–	8	15	13	6	0	0	0	0	0	3	0	5·04	*-2·04*	33
	Portland Bill ..	18–7 7	32	56·6	46·3	51·5	*-0·4*	76	6	36	17	–	–	1·72	44	+ 8	17	17	11	10	0	0	0	0	1	–	0	–	–	–
	Shaftesbury ..	9 9 9	722	58·5	40·4	49·5	-2·6	72	6	31	13,16,22	–	–	1·31	33	-21	14	19	10	8	0	0	0	0	–	–	–	–	–	–
Devon.	Arlington ..	9 9 9	613	60·3	42·5	51·4	-0·3	71	6	29	17	–	–	2·39	61	-12	16	19	12	8	1	1	2	2	–	4	–	–	–	–
	Cullompton ¶§	9 9 9	202	61·8	43·3	52·5	-1·4	77	6	31	14,17	55·4	–	2·06	52	- 3	23	17	13	9	1	0	0	0	0	7	–	5·56	-1·13	36
	Ilfracombe ..	9 9 9	25	58·0	46·6	52·3	*-1·0*	66	2	35	18	54·3	53·4	1·83	47	- 3	18	17	9	6	1	0	0	0	0	0	–	6·55	*0·00*	42

† Plant Breeding Station. ¶§ See Notes on Tables on last page of this issue. ‖ on and after April 14th. observations were taken one hour earlier than the time shown.
* Sunshine at Hesketh Park.

TABLE III (*continued*).—SUMMARY of the RECORDS of TEMPERATURE, RAINFALL and SUNSHINE, and of WEATHER OBSERVATIONS, MAY, 1935

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.		Difference from Average.	Most in a day. Amount.	Date.	WEATHER. Number of days. Precip'n. 0·2 mm. or more.	1 mm. or more.	Snow.	Snow lying.	Hail.	Thunderstorm.	Fog (Morn'g Obs.).	Ground Frost.	Gale.	BRIGHT SUNSHINE. Hours per day. Daily Mean.	Difference from Average.	Per Cent.
	G.M.T.	ft.	°F.	°F.	°F.	°F.	°F.		°F.		°F.	°F.	in.	mm.	mm.	mm.											hr.	hr.	%
8b. ENGLAND, S.W.—*cont.*																													
Devon.—*cont.* Killerton ..	9 9 9	159	61·3	43·0	52·1	*-1·4*	75	6	30	17	-	-	2·05	52	-	24	17	11	8	-	-	-	-	0	13	-	-	-	-
Newton Abbot ..	9 9 9	375	59·2	43·7	51·5	-	75	6	31	17	-	-	2·80	71	+22	23	17	14	7	1	0	0	0	1	1	-	4·87	-	32
Paignton ..	9 9 9	12	58·7	45·6	52·1	*-1·9*	72	6	33	17,18	-	-	2·65	67	-	28	17	10	6	1	0	1	0	0	2	-	5·14	*-1·65*	33
Plymouth (Hoe)	2121 9	117	59·9	46·1	53·0	-0·6	75	6	33	17	55·3	53·0	1·45	37	-16	12	17	9	8	1	0	0	0	0	1	0	5·98	-0·82	39
Plymouth (Mount Batten) ..	18–7 7	82	58·4	46·2	52·3	*-0·4*	73	6	33	17	-	-	1·49	38	-	14	17	10	9	1	0	2	0	0	2	0	5·98	*-0·53*	39
Princetown ..	9 9 9	1430	55·8	(40·4)	(48·1)	(*-1·2*)	68	6	-	-	-	-	3·18	81	-28	27	19	10	10	1	2	1	0	4	-	-	-	-	-
Salcombe ..	9 9 9	39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sidmouth ..	9 9 9	25	59·8	45·4	52·6	-0·2	74	6	32	17	-	-	1·82	46	-	25	17	9	7	0	0	0	0	0	-	-	5·99	-	39
Tavistock ..	9 9 9	457	59·1	43·5	51·3	*-1·6*	73	6	31	17	-	52·8	1·91	49	-18	17	17	9	7	1	0	1	0	0	7	0	-	-	-
Teignmouth ..	9 9 9	20	58·3	46·3	52·3	*-1·8*	75	6	35	17,18	-	-	2·92	74	+27	25	17	12	9	2	0	0	0	0	(0)	-	5·45	*-1·25*	35
Torquay	9 9 9	27	58·7	45·9	52·3	*-1·8*	74	6	32	17	-	52·9	2·67	68	+20	24	17	11	7	1	0	0	0	0	1	0	5·63	-1·56	37
Woolacombe ..	9 9 9	60	58·9	46·2	52·5	-0·9	67	28	34	18	-	-	2·52	64	+23	24	20	12	7	1	0	2	0	0	3	-	-	-	-
Cornwall. Falmouth Obs. ¶§	9 9 9	167	58·4	45·9	52·1	*-0·9*	71	6	35	18	54·5	54·6	1·55	39	-17	11	17	10	8	1	0	1	0	0	1	-	6·25	-0·69	41
Fowey	9 9 9	51	59·4	45·5	52·5	*-1·4*	75	6	35	17,18	-	-	1·96	50	-	13	17	10	8	1	0	0	0	0	-	-	5·91	*-0·50*	38
Gulval	9 9 9	20	59·5	42·7	51·1	-	69	6	34	14,18	-	-	1·58	40	-	15	17	9	8	1	0	1	0	-	1	-	5·96	-	39
The Lizard ..	18–7 7	240	56·5	45·7	51·1	-	72	6	36	15,17	-	-	1·45	37	-	11	17	9	8	1	0	1	0	1	-	1	-	-	-
Newquay ..	9 9 9	190	57·3	45·2	51·3	*-1·0*	64	10	34	14,18	53·6	51·8	1·79	45	+ 3	11	20	10	8	1	0	1	0	1	-	0	6·53	-0·30	42
Redruth	9 9 9	397	57·6	44·1	50·9	*-1·6*	66	27,28	32	18	-	-	2·17	55	- 4	13	17	11	8	1	0	1	0	1	6	1	-	-	-
9. IRELAND, N.																													
Sligo. Markree Cas. ¶§	2121 9	122	62·3	41·5	51·9	+1·2	72	11	30	15	54·5	50·5	1·70	43	-28	21	18	10	8	1	0	1	2	0	-	0	8·54	+3·02	54
Mayo. Blacksod Pt. ¶	18–7 7	18	57·8	47·3	52·5	-	66	8,29	38	17	-	-	1·18	29	-43	6	18	11	9	0	0	1	1	0	-	0	-	-	-
Mallaranny §	9 9 9	113	62·5	46·2	54·3	*+3·0*	73	28	35	18	-	-	1·94	49	-	12	18	10	9	-	-	-	-	0	-	0	7·72	*+2·12*	49
Donegal. Malin Head ¶§	18–7 7	83	53·8	44·5	49·1	*+0·4*	62	29	62	17	-	-	1·22	31	-19	9	18	7	4	1	0	1	0	0	-	0	8·70	*+2·39*	54
Antrim. Aldergrove ..	18–7 7	238	59·4	41·6	50·5	-	68	6,7,11	30	15	-	-	0·98	24	-34	9	16	7	4	1	1	3	0	0	8	0	8·31	-	52
Down. Donaghadee ..	18–7 7	40	55·8	43·5	49·7	*0·0*	63	5	34	17	-	-	0·67	17	-41	8	18	6	5	0	0	0	0	0	-	0	-	-	-
Hillsborough ..	9 9 9	388	57·3	40·4	48·9	-	67	5	32	17,18	51·5	-	1·33	34	-	17	19	8	4	1	0	1	0	0	12	0	8·07	-	50
Armagh. Armagh .. ¶§	2121 9	204	60·4	41·6	51·0	0·0	70	6	31	18	54·3	51·3	0·34	21	-40	7	16	6	4	1	1	1	1	0	7	0	8·12	+2·63	51
Longford. Newtownforbes ..	2121 9	154	61·3	40·8	51·1	*+0·4*	70	7,11	28	15	53·1	50·6	0·83	21	-45	9	16	5	5	0	0	0	0	-	-	-	-	-	-
10. IRELAND, S.																													
Dublin. Balbriggan	9 9 9	203	55·9	44·3	50·1	-0·4	67	6	33	18	52·9	51·5	1·45	37	-17	22	19	6	6	1	0	1	0	0	3	-	-	-	-
Dublin City .. ¶	2121 9	54	57·5	46·7	52·1	-0·8	67	7	34	17	-	-	1·39	35	-17	10	19	8	7	1	0	1	1	0	1	0	-	-	-
,, Glasnevin ..	2121 9	55	57·6	42·4	50·0	-1·1	70	6	32	15,17	-	-	1·76	45	- 8	16	19	8	7	1	0	0	0	1	4	0	-	-	-
,, Phœnix Pk. §	2121 9	155	57·4	41·4	49·4	-0·8	71	6	30	15	-	-	1·98	50	- 3	18	19	8	7	1	1	2	0	1	10	-	7·25	+1·22	46
,, Trin. Coll. ..	2121 9	13	57·7	44·5	51·1	*-1·2*	68	6,7	34	17	54·1	51·5	1·41	36	-13	9	19	8	7	1	0	1	1	-	3	0	-	-	-
Hazelhatch	9 9 9	366	57·8	41·0	49·4	-	70	6	28	18	54·6	51·4	1·84	47	-	23	19	7	7	-	-	-	-	8	-	-	7·12	-	45
(Peamount San.) Rathfarnham ..	9 9 9	169	56·2	42·7	49·5	-	69	6	32	17,18	50·9	-	1·59	40	-	15	19	8	7	2	0	1	6	0	4	-	6·95	-	44
Wicklow. Newcastle ..	2121 9	256	56·5	43·0	49·7	*-1·2*	65	6	32	17	-	-	1·01	26	-	10	19	8	7	1	0	0	0	1	-	-	-	-	-
Offaly. Birr Castle ¶§	18–7 7	173	61·2	41·2	51·2	*+0·3*	70	28	28	15	52·7	50·9	1·04	27	-29	13	19	10	5	0	0	1	1	1	17	0	7·28	+1·66	46
Leix. Mountmellick ‖ ..	9 9 9	245	59·6	41·5	50·5	*-1·4*	71	6	31	15	-	-	1·38	35	-	9	20	10	8	-	-	-	-	-	-	-	-	-	-
Waterford. Seskin, Carrick-on-Suir	2121 9	535	59·5	42·3	50·9	*-0·5*	70	6	33	18	-	-	0·93	24	-	10	20	11	7	1	0	0	0	0	5	0	7·18	*+1·16*	46
Waterford ¶	9 9 9	137	60·5	44·3	52·4	*-0·1*	69	6,7,8	34	15	-	-	0·70	18	-40	7	19	10	6	0	0	0	0	7	-	1	-	-	-
Limerick. Foynes	9 9 9	43	62·0	44·3	53·1	+0·6	73	28	35	18	-	-	1·12	29	-30	10	30	10	7	-	-	-	-	-	-	-	-	-	-
Kerry. Valentia Obs. ¶§	242424	30	59·2	46·0	52·6	+0·3	68	8	36	15	55·0	52·9	1·35	34	-47	12	2	9	6	0	0	1	0	1	0	0	8·25	+2·14	53
	18–7 –	—	59·7	45·3	52·5	*+0·9*																							
Cork. Ballinacurra §	9 9 9	24	60·1	43·4	51·7	*-0·2*	69	6,25	32	15	-	-	0·52	13	-47	4	2	8	5	1	0	0	0	-	-	-	7·05	*+1·16*	45
Cork	9 9 9	57	61·7	43·6	52·7	-	70	6,28	30	15	-	-	0·71	18	-39	7	2	8	6	0	0	0	0	0	2	-	7·07	-	45
Roche's Pt. ¶	18–7 7	22	57·5	46·4	51·9	*+0·2*	66	25	38	17	-	-	0·65	16	-46	5	2	10	6	0	0	1	0	1	-	0	-	-	-
11. CHANNEL ISLES AND SCILLY.																													
Scilly. St. Mary's ¶§	18–7 7	163	55·8	47·1	51·5	*-0·8*	61	27,30,31	38	18	-	-	0·90	23	-19	11	17	11	5	1	0	1	0	1	-	1	6·55	-0·29	43
Guernsey. St. Peter Port ¶§	18–7 7	175	56·0	47·2	51·6	*-0·8*	66	6	38	14,17	54·6	52·6	1·81	46	+ 3	17	17	11	9	0	0	1	1	0	0	0	5·40	*-2·28*	35
Jersey. St. Heliers ¶§	9 9 9	28	59·1	48·3	53·7	*-1·3*	70	6	38	18	-	-	1·91	48	+ 2	19	17	10	9	0	0	0	0	0	-	-	5·63	-1·70	37
GIBRALTAR	18–7 7	102	70·4	56·4	63·4	*-2·0*	79	2	51	22,23	-	-	4·70	119	+75	36	22	11	9	0	0	1	1	0	0	0	-	-	-
MALTA	18–7 7	231	69·1	59·9	64·5	*-0·2*	83	29	56	2,3,19	-	-	0·00	0	-10	-	-	0	0	0	0	0	0	0	0	-	8·64	-	62

¶§ *See* Notes on Tables on last page of this issue. * Rainfall doubtful, (gauge leaking). ‖ On and after April 14th. observations were taken one hour earlier than the time shown.

TABLE III (*a*).—RIVER TEMPERATURE

Place.	River.	Hour.	Highest.	Lowest.	Mean.	Difference from Average.
			°F.	°F.	°F.	°F.
Belper	Derwent	9	-	-	-	-
Attenborough	Trent	7	58·4	50·7	54·7	-
	,,	18	59·5	52·0	55·6	-

TABLE III (*b*).—SKY OBSERVATIONS, MAY, 1935

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)	5·60	5·60
Polaris unobscured (per cent.)	53	68
δ Ursæ Minoris (ditto)	41	58

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

TABLE III (*c*).—SOLAR RADIATION.

DIRECT SOLAR RADIATION, KEW OBSERVATORY.	Cal./cm.²/diem.
Max.	740
Mean	231

TABLE IV.—SUMMARY of the OBSERVATIONS of PRESSURE, TEMPERATURE, HUMIDITY, CLOUD, VISIBILITY and WIND at fixed hours at certain Stations during the month of MAY, 1935

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.	4 to 7	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										
		G.M.T.	ft.	mb.	mb.	°F.	°F.	mb.	%																								
0. SCOTLAND, N.																																	
Shetlands.	Lerwick	1	160	1023·7	–	43·2	1·8	7·9	85	7·5	1	2	6	16	6	0	1	*0*	0	1	0	3	*6*	20	*0*	0	14	14	3	7	5	2	0	4	2	3	5
		7	160	1023·3	+9·6	44·4	2·1	8·1	83	7·7	1	1	6	16	7	0	1	*1*	0	0	1	1	*4*	23	*0*	0	12	19	0	9	5	2	1	3	3	4	4
		13	160	1023·4	–	46·7	3·2	8·4	75	7·6	0	2	6	18	5	0	0	*0*	0	0	1	3	*3*	24	*0*	2	14	15	0	7	9	1	1	4	2	4	3
		18	160	1023·5	–	45·8	2·8	8·3	78	7·8	0	2	7	17	5	0	0	*0*	0	0	1	4	*4*	21	*1*	1	13	17	0	7	7	3	1	3	2	3	5
Orkneys.	Deerness	9	165	1023·7	–	47·2	2·7	8·7	79	6·7	0	3	12	11	5	0	0	0	1	*0*	0	*5*	1	18	6	–	–	–	–	–	–	–	–	–	–	–	–
		21	165	1024·0	–	44·2	1·8	8·3	85	6·8	0	6	5	14	6	0	0	0	1	*0*	0	*1*	4	25	0	–	–	–	–	–	–	–	–	–	–	–	–
Hebrides.	Stornoway	1	83	1023·7	–	44·7	1·6	8·8	87	5·2	6	5	7	3	10	*0*	0	1	0	0	4	5	9	10	2	0	7	21	3	4	9	5	2	2	1	1	4
		7	83	1023·4	+9·5	47·7	2·4	9·4	82	6·2	2	6	5	6	12	*0*	0	0	0	0	0	5	6	13	7	0	6	20	5	2	6	2	7	3	1	1	4
		13	83	1023·6	–	51·7	4·3	9·3	71	5·4	3	9	5	4	10	*0*	0	0	0	0	0	4	8	9	10	1	10	19	1	3	13	5	1	5	1	0	2
		18	83	1023·4	–	50·2	3·8	8·9	73	5·2	7	3	5	10	6	*0*	0	0	0	0	0	4	5	12	10	0	14	16	1	2	19	2	0	6	1	0	0
Caithness.	Wick	1	79	1024·0	–	43·3	1·2	8·5	90	8·5	0	1	2	16	12	0	1	0	*0*	0	*0*	*2*	*6*	*22*	*0*	0	9	22	0	2	3	3	4	2	2	5	10
		7	79	1023·5	+9·4	44·9	1·4	9·0	89	8·4	0	1	4	17	9	0	1	0	*0*	0	*0*	*3*	*8*	*19*	*0*	0	8	23	0	4	5	1	4	3	2	5	7
		13	79	1023·6	–	47·8	2·2	9·5	83	7·9	0	0	9	12	10	0	0	0	*0*	0	*2*	*2*	*8*	*19*	*0*	2	7	22	0	5	9	4	8	3	0	0	2
		18	79	1023·6	–	47·4	2·4	9·0	81	7·7	0	3	4	18	6	0	0	0	*0*	0	*0*	*3*	*4*	*24*	*0*	2	7	22	0	6	9	3	6	3	1	0	3
Inverness.	Dalwhinnie † ..	7	1180	980·3	–	42·4	2·6	7·0	78	6·3	3	6	5	5	12	0	0	1	1	0	2	1	12	14	*0*	0	2	25	4	4	10	0	1	7	2	1	2
		13	1180	979·3	–	54·8	8·1	7·3	49	6·0	1	9	5	6	10	0	0	0	0	0	0	1	5	25	*0*	0	2	29	0	3	13	1	2	6	1	4	1
		18	1180	979·1	–	52·5	6·9	7·6	55	6·2	1	8	6	4	12	0	0	0	1	0	0	1	6	23	*0*	0	4	27	0	4	10	0	5	5	2	1	4
Inverness.	Inverness	9	250	1023·5	–	47·3	3·4	8·2	74	6·5	0	7	7	7	10	*0*	*0*	*0*	*0*	*1*	*0*	8	*5*	11	6	0	2	23	6	6	13	0	0	0	1	2	3
		17	250	1023·4	–	50·6	4·4	8·9	69	5·6	5	4	8	10	4	*0*	*0*	*0*	*0*	*1*	*0*	8	*4*	8	10	0	7	24	0	8	14	2	0	1	2	0	4
1. SCOTLAND, E.																																	
Aberdeen.	Aberdeen H	7	85	1023·2	+8·3	45·0	2·5	8·2	81	8·0	0	3	3	14	11	0	0	1	1	1	0	8	*7*	13	*0*	0	4	26	1	8	3	0	2	4	1	2	10
		13	85	1023·3	+8·3	49·0	3·8	8·7	74	6·2	0	11	2	13	5	0	0	0	0	1	1	6	*3*	20	*0*	0	11	19	1	4	10	8	2	4	1	0	1
		18	85	1023·1	+8·3	47·3	2·8	8·8	79	5·6	0	12	5	6	8	0	0	0	1	0	1	8	*5*	16	*0*	0	5	26	0	2	13	8	0	5	0	0	3
		21	85	1023·6	+8·3	45·0	2·4	8·3	81	7·2	0	3	9	13	6	0	0	2	1	0	0	7	*7*	14	*0*	0	4	27	0	8	4	2	5	4	0	1	7
		h.*	85	1023·4	+8·4	45·8	2·7	8·5	80																								
Aberdeen.	Braemar‡	9	1108	1023·1	–	46·9	4·6	7·2	65	5·5	8	2	7	6	8	*0*	*0*	*0*	*0*	*0*	*0*	*9*	*15*	*7*	*0*	0	0	24	7	5	10	2	2	3	1	1	0
Perth.	Crieff	9	482	1023·1	–	48·4	4·0	8·0	70	6·1	2	8	5	7	9	–	–	–	–	–	–	–	–	–	–	0	16	15	0	9	5	11	2	2	0	1	1
		21	482	1022·8	–	45·2	2·7	7·9	79	9·0	0	2	0	10	19	–	–	–	–	–	–	–	–	–	–	0	4	27	0	9	8	8	1	2	1	1	1
Fife.	Inchkeith	1	184	1023·5	–	44·4	1·8	8·3	85	7·4	0	6	4	9	12	0	0	0	0	*1*	0	3	3	*24*	*0*	0	6	25	0	3	12	8	3	0	1	2	2
		7	184	1023·9	–	44·5	1·9	8·6	85	8·0	0	3	2	16	10	0	1	0	0	*0*	1	3	8	*18*	*0*	0	6	25	0	3	15	7	1	0	2	1	2
		13	184	1023·3	–	50·9	4·1	9·1	71	7·2	0	3	8	14	6	0	0	0	0	*0*	0	3	9	*19*	*0*	0	8	23	0	1	15	8	2	0	4	0	1
		18	184	1022·5	–	49·7	2·9	9·7	79	6·9	0	6	6	14	5	0	0	0	0	*1*	1	1	5	*23*	*0*	0	8	23	0	1	14	11	2	0	1	0	2
Fife.	Leuchars H	7	36	1023·8	–	44·4	2·2	8·2	81	7·1	1	5	5	11	9	0	0	1	0	0	3	1	11	*12*	*3*	0	2	26	3	4	9	6	1	0	2	3	3
		13	36	1023·4	–	52·0	5·0	8·8	67	6·7	0	7	4	14	6	0	0	0	0	0	0	6	6	*15*	*4*	0	2	29	0	2	4	17	4	0	1	2	1
		18	36	1022·6	–	49·4	3·8	8·9	73	5·8	0	10	5	13	3	0	0	0	0	0	0	4	6	*20*	*1*	0	3	28	0	1	6	18	3	1	0	0	2
Mid Lothian.	Edinburgh .. (Blackford Hill)	9	441	1023·7	–	46·6	3·5	8·1	73	7·3	1	3	5	10	12	0	0	0	0	2	6	18	*5*	*0*	0	0	4	26	1	3	17	2	3	2	1	0	2
		21	441	1023·2	–	45·1	2·5	8·1	80	7·4	2	5	3	4	17	0	0	0	0	5	7	12	*7*	*0*	0	0	4	20	7	2	8	10	1	2	0	0	1
6a. SCOTLAND, W.																																	
Argyll.	Tiree	7	40	1022·6	–	49·6	3·0	9·6	79	4·9	1	11	6	10	3	0	0	0	0	0	0	2	12	*17*	0	0	10	20	1	9	3	2	8	4	3	0	1
		13	40	1022·7	–	54·5	5·0	10·1	69	4·4	1	14	5	9	2	0	0	0	0	0	0	3	4	*19*	5	0	10	21	0	12	1	0	5	3	4	1	5
		18	40	1022·3	–	52·2	3·6	10·0	75	4·4	4	13	4	7	3	0	0	0	0	0	0	5	7	*15*	4	0	9	22	0	15	1	1	3	1	1	2	7
Bute.	Rothesay	9	187	1022·8	–	49·7	3·8	8·9	73	5·1	0	12	5	11	3	0	0	0	*0*	*0*	*2*	20	*2*	*7*	*0*	0	14	17	0	3	8	14	3	1	0	1	1
		21	187	1021·8	–	50·6	4·1	9·1	71	4·7	0	12	10	8	1	0	0	0	*1*	*0*	*4*	14	*9*	*3*	*0*	0	11	20	0	2	4	15	5	0	0	0	5
Renfrew.	Renfrew .. .. (Abbotsinch)	7	24	1023·3	–	45·5	2·5	8·1	80	7·6	1	4	3	11	12	0	0	0	1	1	5	12	3	*4*	*5*	0	1	26	4	4	8	11	2	0	0	0	2
		13	24	1022·2	–	56·6	7·2	9·0	57	5·6	2	10	3	8	8	0	0	0	0	1	0	9	10	*6*	*5*	0	13	15	3	2	13	5	2	1	1	2	2
		18	24	1021·5	–	55·6	6·7	9·0	59	5·1	6	5	5	10	5	0	0	0	0	0	1	7	10	*9*	*4*	0	14	14	3	2	10	9	0	1	0	6	0
Dumfries.	Eskdalemuir‡‡ H	7	778	1023·1	–	43·2	2·8	7·3	77	7·0	0	7	3	12	9	0	0	0	0	1	0	*6*	*6*	*12*	*6*	0	11	15	5	8	14	1	1	2	0	0	0
		13	778	1021·7	–	54·5	7·5	7·8	54	5·1	0	11	7	12	1	0	0	0	0	0	0	*3*	*5*	*20*	*3*	0	16	15	0	3	14	5	3	2	3	0	1
		18	778	1021·4	–	51·6	5·7	8·2	63	4·6	3	12	4	10	2	0	0	0	0	0	0	*4*	*4*	*14*	9	0	19	12	0	2	16	6	1	1	2	0	3
		21	778	1022·8	–	42·8	2·5	7·5	80	6·2	0	10	3	13	5	0	0	0	0	0	0	*6*	*4*	*16*	*5*	*0*	7	22	2	11	11	1	0	0	1	1	4
		h.*	778	1022·4	–	46·2	3·9	7·5	72																								
6b. ISLE OF MAN.																																	
Isle of Man.	Douglas .. H	9	286	1022·2	+6·7	49·6	4·1	8·7	71	5·7	0	9	4	15	3	0	0	0	*0*	0	0	*6*	*6*	*19*	*0*	0	11	20	0	2	8	9	9	0	1	0	2
	Point of Ayre	7	31	1022·0	–	47·4	3·1	8·4	76	5·8	0	10	7	10	4	0	0	0	0	0	0	1	*13*	*17*	0	0	17	14	0	1	6	14	4	3	1	1	1
		13	31	1021·9	–	53·5	5·0	9·2	67	4·9	4	9	7	7	4	0	0	0	0	0	0	2	*8*	*21*	0	0	14	17	0	2	9	10	3	4	0	3	0
		18	31	1020·8	–	53·6	4·7	9·9	69	4·9	2	10	8	8	3	0	0	0	0	0	0	1	*7*	*23*	0	0	14	17	0	4	6	9	4	1	0	0	7
2. ENGLAND, N.E.																																	
Northumberland.	Cockle Park ..	9	331	1023·3	–	47·3	3·1	8·4	76	7·3	0	3	9	8	11	0	0	0	0	0	*0*	9	*6*	13	*3*	0	0	31	0	6	15	2	5	2	0	0	1
		21	331	1023·2	–	42·4	1·5	7·9	87	6·7	2	7	5	1	16	0	0	0	2	0	*0*	2	*11*	13	*3*	0	0	24	7	7	9	0	2	2	0	2	2
Northumberland.	Tynemouth ..	1	122	1022·4	–	45·0	1·7	8·7	87	7·9	0	5	4	5	17	0	0	2	0	0	1	5	*16*	7	*0*	0	6	24	1	11	7	1	1	3	1	3	3
		7	122	1022·6	+7·5	44·4	1·9	8·3	85	8·0	0	0	9	11	11	0	0	2	1	0	0	8	*10*	10	*0*	0	5	26	0	14	8	2	0	2	1	2	2
		13	122	1022·6	–	47·7	2·9	8·9	78	7·1	0	2	13	12	4	0	0	0	0	1	0	3	*11*	16	*0*	0	7	24	0	11	11	2	4	1	0	1	1
		18	122	1022·1	–	47·2	2·3	9·1	82	6·9	0	5	12	6	8	0	0	1	0	0	0	5	*13*	12	*0*	0	6	25	0	13	9	2	3	2	0	1	1

* Mean of hourly readings. † Pressure at Station level. ‡ Mean pressure at Station Level is 981·7 mb.
‡‡ Mean pressures at Station Level are 993·9 mb. at 7 h., 993·2 mb. at 13 h., 992·8 mb. at 18 h., and 993·6 mb. at 21 h.

TABLE IV (*continued*).—SUMMARY of the OBSERVATIONS of PRESSURE, TEMPERATURE, HUMIDITY, CLOUD, VISIBILITY and WIND at fixed hours at certain Stations during the month of MAY, 1935

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.	4 to 7	1 to 3	Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
2. ENGLAND, N.E.—*cont.*			G.M.T.	ft.	mb.	mb.	°F.	°F.	mb.	%																									
Durham.	Durham ..	..	9	352	1022·6	–	47·9	3·7	8·2	73	7·7	0	4	5	4	18	0	0	0	0	3	6	8	12	*2*	*0*	0	0	28	3	8	15	0	0	3	1	0	1
			21	352	1022·4	–	44·3	2·0	8·2	84	6·8	6	1	4	4	16	0	0	0	0	2	6	13	10	*0*	*0*	0	1	23	7	10	9	2	0	2	0	1	0
Yorks., N. Riding	Catterick ..	H	7	186	1022·6	–	44·2	2·3	8·1	82	8·4	0	2	1	16	12	0	0	0	1	2	1	*7*	12	*8*	*0*	0	8	21	2	15	9	0	1	3	0	0	1
			13	186	1022·0	–	52·3	5·8	8·5	63	7·2	0	3	7	14	7	0	0	0	0	0	1	*6*	12	*12*	*0*	0	7	24	0	4	18	2	4	1	1	1	0
			18	186	1021·3	–	50·1	4·3	8·2	67	7·1	2	3	5	14	7	0	0	0	0	0	1	*6*	13	*11*	*0*	0	5	26	0	1	18	3	4	3	0	2	0
Yorks., N. Riding	Scarborough ..		9	96	1021·8	–	48·7	4·0	8·4	71	5·5	0	14	1	16	0	0	0	0	0	2	1	5	8	*15*	*0*	0	3	28	0	5	1	0	2	2	0	0	21
			9	53	1022·3	–	49·5	4·7	7·8	66	6·1	4	4	10	1	12	–	–	–	–	–	–	–	–	–	–	0	0	31	0	20	4	0	1	3	0	0	3
			21	53	1021·9	–	47·4	3·6	8·0	73	4·7	12	5	1	0	13	–	–	–	–	–	–	–	–	–	–	0	0	31	0	12	11	1	3	2	0	1	1
Yorks., E. Riding	Spurn Head ..		1	28	1020·8	–	45·4	1·4	9·0	89	6·6	1	6	4	14	6	*0*	*0*	0	0	0	*0*	*0*	17	14	*0*	0	22	9	0	4	15	3	2	1	1	2	3
			7	28	1021·0	+5·9	46·4	1·9	9·0	85	7·1	0	4	7	17	3	*0*	*0*	0	0	0	*1*	*5*	14	11	*0*	1	22	8	0	4	17	3	2	2	0	2	1
			13	28	1021·3	–	51·1	3·7	9·4	74	6·8	0	4	9	16	2	*0*	*0*	0	0	0	*0*	*1*	19	11	*0*	0	25	6	0	4	16	5	4	1	0	1	0
			18	28	1020·6	–	48·5	2·6	9·6	81	6·9	0	2	12	12	5	*0*	*0*	0	0	0	*0*	*3*	14	14	*0*	0	24	7	0	4	17	3	5	2	0	0	0
Lincoln.	Cranwell ..	H	7	243	1021·2	–	45·1	2·3	8·4	82	7·5	2	3	2	16	8	0	0	0	0	*0*	1	16	12	2	*0*	0	12	19	0	11	12	0	3	0	1	1	3
			13	243	1020·9	–	56·5	7·5	8·7	56	6·8	0	6	5	18	2	0	0	0	0	*0*	0	8	11	12	*0*	0	16	15	0	7	16	2	2	2	1	0	1
			18	243	1020·4	–	53·3	6·1	8·5	61	6·2	2	5	8	13	3	0	0	0	0	*0*	0	3	13	15	*0*	0	13	18	0	3	17	3	5	1	1	1	0
3. ENGLAND, E.																																					
Norfolk.	Cromer ..	H	9	74	1019·4	–	50·4	4·0	9·0	72	5·9	1	4	15	7	4	0	0	0	0	0	0	*0*	*4*	*27*	*0*	0	11	20	0	13	8	4	1	3	1	0	1
			1	26	1019·4	–	46·3	1·9	9·4	85	5·5	7	6	2	7	9	0	0	0	0	*0*	0	*7*	*24*	0	*0*	0	18	13	0	15	5	2	1	1	2	3	2
Norfolk.	Yarmouth..	..	7	26	1019·2	+4·0	48·5	2·8	9·4	79	6·6	1	4	9	12	5	0	0	0	0	*1*	1	*19*	*10*	0	*0*	0	20	11	0	15	7	2	1	1	1	1	3
			13	26	1019·5	–	51·9	4·4	9·3	70	6·1	2	6	8	12	3	0	0	0	0	*0*	0	*15*	*16*	0	*0*	0	24	7	0	19	6	1	4	0	1	0	0
			18	26	1019·2	–	50·6	3·8	9·4	73	6·4	2	2	9	13	5	0	0	0	0	*0*	0	*18*	*13*	0	*0*	0	21	9	1	17	4	1	2	2	1	0	3
Suffolk.	Felixstowe Aero.		7	20	1019·0	–	48·8	3·1	9·1	77	6·2	4	4	5	13	5	0	0	0	0	0	1	12	*15*	*3*	*0*	0	17	13	1	14	8	3	0	1	2	1	1
			13	20	1019·2	–	54·4	6·4	8·7	60	5·7	0	9	10	8	4	0	0	0	0	0	0	5	*12*	*14*	*0*	0	22	8	1	6	16	2	2	1	1	0	2
			18	20	1018·7	–	51·3	4·9	8·8	67	4·9	1	12	8	5	5	0	0	0	0	0	0	5	*14*	*10*	*2*	0	21	9	1	11	10	3	3	1	0	0	2
Cambridge.	Cambridge	H	9	43	1019·9	+4·1	53·5	4·9	9·7	69	6·2	2	8	3	7	11	–	–	–	–	–	–	–	–	–	–	0	13	18	0	3	19	2	3	2	0	1	1
			21	43	1019·7	+3·9	48·2	3·0	9·1	79	5·3	6	6	2	5	12	–	–	–	–	–	–	–	–	–	–	0	5	25	1	4	19	1	3	0	2	0	1
Hertford.	Rothamsted ..		9	396	1019·0	–	50·3	4·2	8·6	70	6·8	1	7	3	11	9	0	0	0	*0*	0	*1*	*30*	*0*	*0*	*0*	0	8	22	1	17	5	2	1	2	0	0	3
Essex.	Shoeburyness	H	7	14	1018·8	–	48·9	2·7	9·5	80	6·8	2	6	3	10	10	0	0	0	0	0	1	5	17	8	0	0	9	22	0	15	6	2	1	1	2	2	2
			13	14	1019·0	–	55·0	5·2	10·0	67	6·7	0	6	5	16	4	0	0	0	0	0	0	1	15	14	1	0	14	17	0	5	15	5	2	1	2	0	1
			18	14	1018·6	–	52·2	4·4	9·5	71	5·5	1	11	3	12	4	0	0	0	0	0	0	2	10	18	1	0	14	16	1	5	15	3	2	1	2	0	2
4. MIDLAND COUNTIES.																																					
Yorks., W. Riding	Harrogate ..		7	478	1022·3	–	44·4	2·5	7·8	79	6·3	0	8	2	15	6	0	0	*0*	1	2	5	3	*16*	3	1	0	2	26	3	8	11	0	1	2	3	1	2
			13	478	1021·6	–	53·0	5·9	8·4	61	5·2	0	12	4	12	3	0	0	*0*	1	0	0	4	*12*	8	6	0	1	30	0	8	7	5	2	3	2	2	2
			18	478	1021·5	–	50·2	4·5	8·4	69	4·6	3	12	4	10	2	0	0	*0*	0	0	1	7	*11*	9	3	0	1	30	0	10	8	4	3	3	1	2	0
Nottingham.	Nottingham ..		9	215	1020·4	–	49·9	4·5	8·4	69	6·8	2	4	4	14	7	0	0	0	0	5	2	21	1	*2*	*0*	0	2	29	0	6	18	3	1	1	2	0	0
Warwick.	Birmingham	H	7	542	1020·9	–	44·6	2·8	7·9	78	7·0	4	0	7	11	9	0	0	0	1	2	13	11	2	*2*	*0*	0	9	22	0	6	15	3	2	1	2	0	2
			13	542	1020·0	–	54·2	7·0	8·0	57	6·3	3	5	5	12	6	0	0	0	0	1	4	21	3	*2*	*0*	0	13	18	0	3	12	7	4	2	1	0	2
			18	542	1019·4	–	54·5	7·1	8·2	57	5·4	3	6	9	9	4	0	0	0	0	2	2	16	7	*4*	*0*	0	11	19	1	3	13	5	1	2	1	3	2
Oxford.	Oxford ..	..	9	212	1020·0	+3·7	50·6	4·6	8·7	69	6·5	2	4	8	8	9	0	0	*0*	0	0	0	14	7	10	*0*	0	14	17	0	6	17	2	3	2	1	0	0
Shropshire.	Shrewsbury	H	9	186	1020·8	–	50·0	4·3	8·5	70	6·6	2	2	12	5	10	0	0	0	0	0	1	7	1	22	*0*	0	7	23	1	8	10	7	3	1	0	1	0
Hereford.	Ross-on-Wye	H	7	226	1020·0	–	45·9	2·5	8·3	79	7·6	1	4	3	12	11	*0*	*1*	0	0	2	2	15	10	1	*0*	0	3	27	1	3	16	5	0	1	2	2	1
			13	226	1019·0	–	56·2	6·7	9·3	60	6·9	1	5	4	14	7	*0*	*0*	0	0	0	1	9	13	8	*0*	0	12	19	0	5	10	11	3	1	0	1	0
			18	226	1018·5	–	55·9	6·7	9·2	60	5·7	2	7	8	10	4	*0**	*0*	0	0	0	1	4	14	12	*0*	0	8	23	0	4	8	12	1	0	2	1	3
			21	226	1019·6	–	49·7	3·7	9·1	73	4·8	2	14	2	7	6	*0*	*0*	0	0	1	3	8	14	5	*0*	0	3	26	2	3	12	7	2	0	2	3	0
Gloucester.	Cheltenham	H	9	230	1020·3	–	51·4	4·7	8·7	68	7·0	2	2	8	12	7	0	*0*	0	0	0	10	5	11	*5*	0	0	1	30	0	4	10	2	3	3	2	4	3
			21	230	1019·6	–	50·2	3·6	9·3	74	5·7	2	7	9	6	7	0	*0*	0	0	2	1	8	8	*12*	0	0	2	28	1	4	10	2	2	1	3	3	5
5. ENGLAND, S.E.																																					
London.	*g*Greenwich	H	9	152	1019·3	+3·2	52·3	4·8	9·2	68	7·0	2	5	3	11	10	0	0	0	0	1	3	19	6	2	*0*	0	15	16	0	6	17	2	1	2	2	1	0
			15	152	1018·3	+2·9	58·3	8·2	9·0	54	7·4	1	4	2	18	6	0	0	0	0	1	2	7	15	6	*0*	0	17	14	0	6	10	8	1	3	1	1	1
			21	152	1019·2	+3·0	49·0	3·6	8·9	74	6·3	3	8	0	11	9	0	0	0	0	0	2	17	11	1	*0*	0	15	16	0	7	11	7	3	1	2	0	0
			h.*	152	1018·9	+3·0	51·0																															
London.	Kew Observatory	H	7	34	1019·3	+3·1	47·9	3·2	8·7	77	6·7	1	7	5	7	11	0	0	0	0	1	11	10	8	1	*0*	0	11	18	2	6	15	4	0	0	3	1	0
			13	34	1018·8	+3·1	57·7	8·1	8·7	53	7·5	2	2	3	19	5	0	0	0	0	0	2	9	18	4	*0*	0	16	15	0	6	15	4	1	3	2	0	0
			18	34	1018·4	+3·1	56·4	7·6	8·6	55	6·9	3	3	5	13	7	0	0	0	0	1	2	14	10	4	*0*	0	15	15	1	8	11	5	2	2	2	0	0
			21	34	1019·3	+3·1	50·4	4·4	8·7	70	5·1	6	7	4	11	3	0	0	0	1	0	4	11	14	1	*0*	0	11	14	6	4	11	5	1	1	2	0	1
			h.*	34	1019·0	+3·1	51·6	5·2	8·6	67																												
London.	Kensington	..	9	66	1019·2	–	52·2	5·0	8·8	66	6·5	4	2	7	12	6	0	0	0	0	1	*9*	14	6	*1*	*0*	0	4	27	0	3	18	1	3	0	4	0	2
			15	—	–	–	58·8	8·2	9·0	53	5·9	2	4	11	8	6	–	–	–	–	–	–	–	–	–	–	0	4	27	0	2	17	3	3	1	3	1	1
			18	—	–	–	57·2	7·2	9·0	57	6·4	4	2	7	11	7	–	–	–	–	–	–	–	–	–	–	0	11	20	0	5	14	4	4	1	3	0	0
London.	Stroud Green ..		7	237	1019·4	–	48·0	2·8	9·0	79	6·7	2	8	1	9	11	0	0	0	0	1	3	14	13	*0*	*0*	0	8	23	0	7	16	2	2	0	3	0	1
Surrey.	Croydon Aero.	H	1	225	1019·2	–	45·3	2·0	8·3	84	7·1	3	2	3	15	8	0	1	0	0	0	1	13	11	*5*	*0*	0	6	21	4	3	14	2	3	1	3	1	0
			7	225	1019·1	–	47·0	2·5	9·0	81	7·5	0	6	3	12	10	0	0	0	0	1	7	17	4	*2*	*0*	0	8	23	0	10	12	1	1	4	2	0	1
			13	225	1018·6	–	57·0	7·1	9·5	59	7·4	0	3	5	19	4	0	0	0	0	0	3	11	10	*7*	*0*	0	14	16	1	6	10	8	1	5	0	0	0
			18	225	1018·2	–	55·4	6·5	9·1	60	6·7	0	7	3	18	3	0	0	0	0	1	2	14	3	*11*	*0*	0	10	20	1	3	13	9	2	1	2	0	0
Surrey.	Wisley ..	..	9	85	1018·7	–	52·6	5·1	9·1	66	7·3	1	3	7	10	10	0	0	0	0	0	2	17	12	*0*	*0*	0	4	27	0	10	12	3	3	1	1	0	1

* Mean of hourly readings. *g* Temperature from thermometers on a Glaisher stand.

TABLE IV (*continued*).—SUMMARY of the OBSERVATIONS of PRESSURE, TEMPERATURE, HUMIDITY, CLOUD, VISIBILITY and WIND at fixed hours at certain Stations during the month of MAY, 1935

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.	4 to 7	1 to 3	Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
5. ENGLAND, S.E.—*cont.*		G.M.T.	ft.	mb.	mb.	°F.	°F.	mb.	%																											
Kent.	Biggin Hill H	7	572	1019·3	-	45·9	2·5	8·6	80	7·6	0	6	3	8	14	0	0	1	0	3	1	9	*14*	3	*0*	0	9	21	1	12	10	1	2	2	2	1	0
		13	572	1018·9	-	55·0	6·5	9·0	60	7·5	0	2	6	18	5	0	0	0	0	0	1	3	*10*	17	*0*	0	18	12	1	7	16	1	2	3	1	0	0
		18	572	1018·7	-	52·5	5·8	8·6	62	6·3	1	6	6	13	5	0	0	0	0	1	3	*13*	14	*0*	0	15	14	2	7	15	3	1	2	1	0	0
Kent.	Dungeness ..	7	—	-	-	48·9	2·2	9·2	83	6·6	0	7	6	17	1	*0*	0	0	0	0	2	13	*16*	*0*	0	0	16	15	0	7	15	2	2	1	2	0	2
		13	—	-	-	54·3	3·8	10·7	75	6·7	1	5	6	19	0	*0*	0	0	0	0	2	14	*15*	*0*	0	0	18	13	0	2	20	5	0	1	3	0	0
		18	—	-	-	52·4	3·0	10·5	79	6·4	0	7	7	17	0	*0*	0	0	0	0	0	12	*19*	*0*	0	0	15	16	0	1	23	2	1	0	4	0	0
Kent.	Lympne .. H	1	345	1018·5	-	45·5	2·4	8·6	81	5·0	7	6	4	7	7	0	0	0	*0*	0	1	*10*	11	9	0	0	16	15	0	12	8	5	0	0	2	1	3
		7	345	1018·4	-	47·2	2·8	8·8	79	6·4	2	7	3	13	6	0	0	0	*0*	0	5	*14*	10	2	0	0	21	8	2	13	9	1	2	1	1	0	2
		13	345	1018·3	-	53·8	5·5	9·3	65	6·3	0	9	4	12	6	0	0	0	*0*	0	0	*9*	10	10	2	0	23	8	0	11	12	3	1	2	2	0	0
		18	345	1018·1	-	51·0	4·7	8·8	68	6·1	0	9	3	17	2	0	0	0	*0*	0	0	*8*	12	11	0	0	19	12	0	12	12	2	1	1	3	0	0
Kent.	Manston	7	141	1018·3	-	47·8	2·2	9·5	83	6·5	2	8	1	13	7	0	0	0	0	0	4	8	*13*	*6*	*0*	0	17	12	2	10	9	2	*1*	2	0	2	3
		13	141	1018·6	-	52·1	4·2	9·7	73	6·5	0	5	6	16	4	0	0	0	0	0	0	8	*17*	*6*	*0*	0	22	9	0	11	12	3	1	2	1	0	1
		18	141	1018·1	-	50·2	3·7	9·3	74	5·4	1	9	7	10	4	0	0	0	0	0	0	7	*17*	*7*	*0*	0	20	11	0	11	11	2	3	1	2	0	1
Kent.	Tunbridge Wells ..	9	407	1018·9	-	51·1	4·1	9·1	71	6·7	1	7	3	8	12	0	0	*0*	0	0	4	7	10	10	*0*	0	13	18	0	8	16	1	2	1	3	0	0
Sussex.	Brighton .. H	9	48	1018·6	-	52·8	5·0	9·3	68	6·4	5	5	1	8	12	0	0	0	0	0	4	14	*5*	8	*0*	0	4	26	1	7	13	1	4	0	3	1	1
Sussex.	St. Leonards H	9	174	1018·0	-	52·2	4·6	9·4	69	6·4	4	4	7	9	7	0	0	0	0	1	2	19	*7*	*2*	*0*	2	12	15	2	1	20	1	3	0	2	0	2
		21	174	1017·8	-	49·1	3·4	9·1	75	4·4	11	4	2	10	4	0	0	0	0	1	2	27	*1*	*0*	*0*	2	12	14	3	1	18	0	5	0	3	0	1
Hampshire.	Calshot	7	15	1018·5	-	48·6	2·5	9·2	81	6·7	1	5	5	10	10	0	0	0	0	1	2	9	11	8	*0*	0	15	16	0	13	6	4	0	2	2	0	4
		13	15	1018·3	-	57·3	6·2	10·0	63	7·3	1	2	7	15	6	0	0	0	0	1	0	8	16	6	*0*	0	18	11	2	11	8	6	0	2	1	0	1
		18	15	1017·7	-	56·1	5·8	9·8	64	6·5	1	4	8	14	4	0	0	0	0	0	0	4	16	11	*0*	0	13	18	0	10	6	6	4	1	3	0	1
Hampshire.	Southampton ..	9	84	1018·5	+2·3	50·9	3·3	9·8	77	5·9	5	4	6	8	8	0	0	0	0	1	*23*	7	0	0	*0*	0	0	30	1	4	14	4	5	0	1	1	1
		21	84	1018·8	+2·6	53·2	3·5	10·5	76	3·9	10	6	7	2	6	0	0	0	0	*9*	22	0	0	*0*	0	1	28	2	2	15	3	4	2	2	0	1
Hampshire.	S. Farnborough H	7	256	1019·1	-	47·0	2·6	8·9	80	7·3	0	4	7	9	11	0	0	0	0	0	2	20	5	*4*	*0*	0	6	23	2	7	15	2	2	1	1	0	1
		13	256	1018·4	-	58·0	7·7	9·3	57	7·8	1	3	1	19	7	0	0	0	0	1	1	13	12	*4*	*0*	0	11	19	1	7	13	3	3	2	1	1	0
		18	256	1018·0	-	56·3	7·1	9·0	58	6·7	0	6	5	19	1	0	0	0	0	0	2	6	22	*1*	*0*	0	11	19	1	6	12	5	4	2	0	1	0
I. of Wight.	Ventnor (Hosp.) ..	9	80	1018·0	-	52·8	4·2	9·9	72	7·5	1	3	7	7	13	-	-	-	-	-	-	-	-	-	-	0	9	22	0	4	5	14	2	1	0	4	1
		15	80	1017·4	-	57·7	6·0	10·6	64	5·5	2	9	6	11	3	-	-	-	-	-	-	-	-	-	-	0	9	22	0	3	2	15	2	2	1	5	1
Wilts.	Amesbury H (Boscombe Down)	7	418	1018·9	-	45·8	1·8	9·0	86	7·0	4	2	3	13	9	0	1	0	0	0	2	14	14	*0*	*0*	0	9	21	1	9	12	4	1	3	0	0	1
		13	418	1018·4	-	56·1	6·0	9·9	64	7·7	0	3	4	16	8	0	0	0	0	0	1	8	15	*7*	*0*	0	16	15	0	8	13	3	3	3	1	0	0
		18	418	1017·8	-	55·4	5·5	10·2	67	6·8	1	5	6	15	4	0	0	0	0	0	1	8	13	*9*	*0*	0	9	22	0	7	13	3	3	2	1	1	1
Wilts.	Larkhill .. H	9	444	1019·0	-	50·5	3·6	9·4	75	7·0	0	7	4	9	11	0	0	0	0	0	0	3	10	18	*0*	0	15	16	0	1	18	5	3	1	3	0	0
		13	444	1018·5	-	56·2	5·9	10·0	64	7·2	0	4	6	13	8	0	0	0	0	0	0	1	7	23	*0*	0	16	14	1	2	15	6	3	2	1	1	0
		15	444	1018·1	-	56·9	6·2	10·1	63	7·0	0	4	8	15	4	0	0	0	0	0	1	0	7	23	*0*	0	13	16	2	4	11	6	3	2	2	1	0
7a. ENGLAND, N.W.																																					
Lancashire.	Hutton	9	86	-	-	51·0	5·1	8·2	65	4·5	2	11	11	3	4	-	-	-	-	-	-	-	-	-	-	0	1	30	0	3	13	7	3	2	0	1	2
Lancashire.	Manchester (Barton) H	7	83	1021·5	-	46·2	3·6	7·7	72	5·4	4	8	3	10	6	0	0	1	0	2	*4*	13	9	2	0	0	11	19	1	2	9	11	4	3	1	0	0
		13	83	1020·8	-	57·2	8·7	8·0	51	5·1	3	9	7	6	6	0	0	0	0	1	*1*	12	13	4	0	0	18	13	0	2	5	12	3	2	3	1	3
		18	83	1020·1	-	56·0	7·7	8·3	54	4·0	3	13	9	4	2	0	0	0	0	0	*0*	12	14	5	0	0	19	12	0	1	7	12	3	2	1	1	4
Lancashire.	Manchester (Whitworth Pk.)	9	127	1021·4	-	48·3	4·4	7·7	68	6·0	0	4	10	17	0	-	-	-	-	-	-	-	-	-	-	0	4	26	1	1	8	12	3	3	1	0	2
		21	127	1020·7	-	51·3	5·0	8·3	65	5·7	0	4	17	8	2	-	-	-	-	-	-	-	-	-	-	0	1	30	0	0	7	13	2	4	0	2	3
Lancashire.	Southport * H (Bedford Rd. Park)	9	34	1021·6	+5·6	52·1	6·0	8·2	62	6·2	3	7	4	7	10	0	0	0	0	0	14	4	6	4	*3*	0	13	17	1	3	7	13	3	2	0	1	1
		13	34	1021·0	+5·2	56·5	7·6	8·6	56	6·0	1	7	6	9	8	0	0	0	0	0	8	5	8	7	*3*	0	16	15	0	1	6	10	4	1	0	3	6
		18	34	1020·3	+4·9	55·7	6·6	9·1	60	5·5	0	11	7	5	8	0	0	0	0	0	9	3	12	7	*0*	0	17	14	0	1	8	11	3	2	1	3	2
		21	34	1021·1	+5·1	48·9	3·6	8·9	75	5·2	1	13	4	4	9	0	0	0	0	0	14	11	5	1	*0*	0	8	22	1	1	6	14	3	0	1	4	1
Lancashire.	Stonyhurst ..	9	381	1022·1	-	50·4	5·4	7·6	63	5·4	4	4	10	8	5	0	0	0	0	0	1	17	*8*	*5*	*0*	0	7	24	0	6	15	6	1	1	1	1	0
		21	381	1022·0	-	46·9	3·4	8·2	74	4·4	3	14	4	3	7	0	0	0	0	0	0	8	*11*	*12*	*0*	0	2	28	1	9	12	4	0	2	1	2	0
Cheshire.	Bidston Obs'y. ..	7	202	1021·6	+6·1	48·3	3·4	7·8	74	5·4	3	7	9	8	4	*0*	0	0	0	0	3	15	*8*	2	3	0	10	21	0	5	11	7	4	1	1	1	1
		13	202	1020·7	-	54·9	7·4	8·0	54	5·5	3	6	8	10	4	*0*	0	0	1	0	1	11	*10*	4	4	0	16	15	0	2	10	6	4	1	0	2	6
		18	202	1020·1	-	54·7	6·6	8·6	59	5·0	4	6	12	5	4	*0*	0	0	0	0	1	13	*11*	6	0	0	17	12	2	2	10	5	3	2	1	4	2
		21	202	1020·9	-	50·5	4·9	8·4	66	4·6	4	11	6	5	5	*0*	0	0	0	2	3	11	*11*	4	0	0	19	12	0	0	14	8	4	1	0	3	1
7b. NORTH WALES.																																					
Flint.	Sealand .. H	7	19	1021·7	-	46·1	2·7	8·4	79	6·0	3	5	9	8	6	0	0	0	0	4	6	19	*2*	*0*	*0*	0	3	28	2	6	7	5	8	2	1	0	0
		13	19	1020·9	-	56·6	7·0	9·2	59	5·3	3	8	9	6	5	0	0	0	1	0	5	19	*3*	*3*	*0*	0	9	20	2	3	8	7	7	0	0	0	4
		18	19	1020·1	-	55·6	6·2	9·5	63	4·5	5	9	10	2	5	0	0	0	0	1	3	21	*4*	*2*	*0*	0	10	20	1	1	7	7	5	1	0	1	8
Anglesey.	Holyhead .. H	1	29	1020·5	-	48·9	2·7	9·5	80	4·5	9	6	4	7	5	0	0	0	0	0	0	17	8	6	0	0	16	15	0	2	5	12	3	4	1	2	2
		7	29	1020·5	+5·1	48·7	2·6	9·5	80	6·6	3	5	3	15	5	0	0	0	0	0	0	8	12	9	2	0	18	8	5	4	5	12	1	1	1	2	0
		13	29	1020·5	-	53·2	4·5	9·3	70	5·5	2	10	4	11	4	0	0	0	0	0	0	10	12	8	1	0	19	12	0	6	11	4	0	3	1	2	4
		18	29	1019·8	-	52·5	3·8	10·1	75	4·7	5	11	3	9	3	0	0	0	0	0	0	4	15	9	3	0	13	17	1	8	9	2	1	2	3	0	5
Carnarvon.	Llandudno ..	9	33	1021·2	-	50·9	4·3	9·0	70	5·8	4	4	7	15	1	0	0	0	0	0	0	8	5	*18*	*0*	0	4	27	0	6	4	14	1	1	2	3	0
8a. SOUTH WALES.																																					
Pembroke.	St. Ann's Head ..	1	152	1018·8	-	48·8	3·2	9·4	79	5·1	1	14	5	6	5	0	0	0	1	0	*0*	7	19	4	*0*	0	9	21	1	2	7	12	1	2	1	4	1
		7	152	1018·7	+3·4	49·1	3·1	9·1	77	7·0	0	6	6	14	5	0	0	0	0	0	*0*	12	17	2	*0*	0	10	19	2	2	8	11	4	2	0	2	0
		13	152	1018·5	-	54·2	5·0	9·6	68	7·2	0	4	9	13	5	0	0	0	0	0	*0*	10	16	5	*0*	0	10	17	4	4	6	4	4	1	2	2
		18	152	1017·8	-	53·7	4·8	9·8	69	7·2	0	4	8	12	7	0	0	0	0	0	*0*	13	15	3	*0*	0	10	17	4	4	8	3	3	2	2	3	2

*Visibility at Hesketh Park; 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 month of MAY, 1935

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.	4 to 7	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											
8a. SOUTH WALES—*cont.*	G.M.T.	ft.	mb.	mb.	°F.	°F.	mb.	%																										
Radnor. Rhayader	9	—	–	–	49·9	4·0	8·8	72	5·8	2	6	9	9	5	0	0	0	0	1	0	6	12	*12*	*0*	0	0	31	0	9	9	6	4	0	0	1	2
Glamorgan. Cardiff	9	216	1019·5	–	50·4	4·0	8·8	72	6·3	4	7	2	7	11	0	0	1	0	0	11	7	*5*	*7*	*0*	0	23	8	0	6	15	4	2	2	1	0	1
	21	216	1018·8	–	50·6	3·8	9·4	73	4·5	5	10	5	7	4	0	0	0	0	0	1	26	*4*	*0*	*0*	0	0	31	0	0	11	9	5	0	1	1	4
8b. ENGLAND, S.W.																																		
Somerset. Bath	9	113	1019·0	–	52·1	4·5	9·2	69	6·9	1	6	6	4	14	0	0	0	0	1	3	*11*	*9*	*7*	*0*	0	8	21	2	1	11	12	2	1	2	0	0
Dorset. Holton Heath H	9	58	1018·7	–	52·4	4·6	9·2	69	7·6	2	3	3	9	14	0	0	0	0	0	1	10	17	*3*	*0*	0	20	11	0	5	13	5	3	2	2	0	1
	15	58	1017·9	–	58·5	7·9	9·3	56	6·9	0	4	11	8	8	0	0	0	0	0	1	7	18	*5*	*0*	0	21	10	0	5	11	7	4	1	1	1	1
Dorset. Portland Bill ..	1	37	1018·1	–	48·5	2·1	10·0	84	6·3	4	5	6	3	13	0	0	0	*1*	0	0	*3*	*22*	*5*	*0*	0	21	10	0	2	14	6	2	0	1	1	5
	7	37	1018·1	+2·8	49·3	2·2	9·9	83	8·0	1	4	3	7	16	0	0	0	*1*	0	0	*3*	*22*	*5*	*0*	0	20	11	0	5	15	5	2	0	1	2	1
	13	37	1018·0	–	54·8	3·0	11·9	81	8·3	0	2	3	13	13	0	0	0	*1*	0	0	*4*	*22*	*4*	*0*	0	17	13	1	3	8	11	2	1	1	2	2
	18	37	1017·5	–	52·9	2·3	11·1	84	7·5	1	2	5	15	8	0	0	0	*0*	0	0	4	*22*	*5*	*0*	0	14	17	0	5	6	10	1	3	1	2	3
Devon. Plymouth H	7	27	1018·1	–	49·0	2·6	9·8	81	7·0	1	5	4	15	6	0	0	0	0	0	2	8	9	12	*0*	0	8	18	5	5	7	6	2	0	1	1	4
(Mount Batten)	13	27	1017·9	–	55·0	4·9	10·3	69	7·4	0	6	0	22	3	0	0	0	0	0	0	3	11	16	*1*	0	15	16	0	3	5	10	0	8	4	0	1
	18	27	1017·2	–	54·9	5·0	10·3	70	6·9	0	4	10	14	3	0	0	0	0	0	1	6	5	19	*0*	0	15	13	3	3	6	5	1	4	4	2	3
Cornwall. The Lizard ..	1	240	1018·1	–	48·7	1·7	10·3	87	4·7	6	9	7	3	6	0	0	0	1	1	0	0	*7*	*22*	*0*	0	17	12	2	5	11	6	1	0	2	3	1
	7	240	1018·0	–	48·9	1·8	10·3	87	7·4	0	4	6	14	7	0	0	0	1	1	0	2	*4*	*23*	*0*	0	18	13	0	5	7	9	2	1	1	3	3
	13	240	1017·9	–	54·4	3·8	10·7	75	6·8	1	5	6	10	9	0	0	0	0	1	0	3	*6*	*21*	*0*	0	21	9	1	6	5	8	3	3	2	2	1
	18	240	1017·3	–	52·9	3·4	10·6	77	6·5	1	8	4	10	8	0	0	1	0	0	1	0	*7*	*22*	*0*	0	14	16	1	4	6	7	2	2	0	5	4
Cornwall. Newquay ..	9	161	1018·3	–	52·5	3·2	10·7	79	5·6	2	10	5	7	7	0	0	0	1	0	2	4	*14*	10	*0*	0	14	15	2	6	9	2	4	1	4	2	1
9. IRELAND, N.																																		
Sligo. Markree Castle ..	9	127	1022·2	–	51·8	3·4	10·2	77	4·7	10	3	6	5	7	0	*0*	0	0	0	*0*	*3*	9	19	*0*	0	1	19	11	4	2	8	3	3	0	0	0
	21	127	1021·6	–	52·6	3·7	10·3	75	5·0	8	6	4	5	8	0	*0*	0	0	0	*0*	*4*	2	25	*0*	0	2	17	12	6	2	4	3	1	1	0	2
Mayo. Blacksod Point ..	1	28	1021·5	–	50·5	2·3	10·7	83	4·8	11	2	5	4	9	0	0	0	0	0	0	0	24	7	*0*	0	6	17	8	13	1	3	1	2	0	3	0
	7	28	1021·3	–	51·3	2·7	10·3	81	5·2	9	4	3	7	8	0	0	0	0	0	0	0	15	16	*0*	0	7	19	5	7	5	7	1	3	0	3	0
	13	28	1021·5	–	56·6	4·5	11·5	72	5·5	2	11	3	11	4	0	0	0	0	0	0	1	12	18	*0*	0	15	15	1	14	5	2	1	2	0	5	1
	18	28	1021·0	–	55·4	3·9	11·1	75	5·1	6	6	8	4	7	0	0	0	0	0	0	1	14	15	*1*	0	18	12	1	14	4	3	1	1	0	5	2
Donegal. Malin Head ..	1	83	1022·0	–	48·3	1·8	9·9	86	5·6	1	13	0	10	7	0	0	0	0	0	0	2	20	8	*1*	0	9	20	2	7	5	7	3	4	2	1	0
	7	83	1021·9	+8·0	49·0	1·7	10·3	87	6·0	1	9	3	13	5	0	0	0	0	0	0	1	23	5	*2*	0	9	21	1	4	5	12	2	2	1	4	0
	13	83	1022·3	–	51·9	2·2	11·2	85	6·1	0	9	3	16	3	0	0	0	0	0	0	5	17	8	*1*	0	12	19	0	8	8	10	3	1	0	1	0
	18	83	1021·6	–	51·6	2·0	11·4	86	5·6	0	14	1	11	5	0	0	0	0	0	0	4	18	8	*1*	0	12	19	0	8	5	11	3	1	0	2	1
Antrim. Aldergrove H	7	245	1022·3	–	47·1	2·6	9·0	80	6·7	0	8	4	15	4	0	0	0	0	0	0	5	14	9	3	0	2	28	1	6	11	6	2	2	1	0	2
	13	245	1021·9	–	56·5	6·3	9·7	61	6·4	0	8	4	16	3	0	0	0	0	0	0	5	9	11	6	0	8	22	1	4	7	9	3	1	0	2	4
	18	245	1021·2	–	56·6	6·9	9·3	59	5·5	1	11	3	14	2	0	0	0	0	0	0	1	12	14	4	0	7	24	0	5	7	10	3	1	1	1	3
Down. Donaghadee ..	7	26	1022·2	+6·9	48·0	3·3	8·6	75	5·6	0	8	13	10	0	0	0	0	0	0	0	0	*6*	*25*	*0*	0	5	23	3	3	6	4	10	2	2	1	0
	13	26	1022·2	–	52·5	4·5	9·2	70	5·4	1	5	17	8	0	0	0	0	0	0	0	0	*5*	*26*	*0*	0	4	27	0	3	10	3	9	5	1	0	0
	18	26	1021·2	–	53·1	4·6	9·5	69	5·3	2	5	15	8	1	0	0	0	0	0	0	1	*5*	*25*	*0*	0	2	26	3	7	9	3	6	3	0	0	0
	21	26	1021·5	–	50·3	3·1	9·5	78	5·2	2	6	15	8	0	0	0	0	0	0	0	0	*9*	*22*	*0*	0	2	20	9	4	7	2	3	2	1	0	3
Armagh. Armagh .. H	9	209	1021·7	+6·9	52·5	4·8	9·2	67	5·2	6	5	7	8	5	*0*	*0*	0	0	0	0	0	4	*6*	21	*0*	0	0	30	1	5	11	6	3	1	3	1	0
	21	209	1021·3	+6·4	49·5	3·5	9·2	75	4·4	11	7	0	3	10	*0*	*0*	0	0	0	0	0	5	*10*	16	*0*	0	0	30	1	4	11	8	4	0	2	0	1
10. IRELAND, S.																																		
Dublin. Glasnevin	9	56	(1021·6)	–	51·7	3·8	9·8	75	6·3	3	0	16	5	7	0	0	*0*	*1*	*6*	*9*	*9*	*0*	*6*	*0*	0	6	25	0	0	12	6	5	1	0	4	3
	21	56	(1021·2)	–	49·9	2·9	9·7	79	4·7	8	0	15	3	5	0	0	*2*	*1*	*10*	*7*	*9*	*1*	*1*	*0*	0	0	31	0	0	7	8	4	1	2	4	5
Offaly. Birr Castle ..	7	193	1021·0	+5·7	45·8	1·0	9·7	92	7·0	4	4	1	14	8	0	*0*	0	1	0	*0*	*0*	*8*	*22*	*0*	0	0	31	0	1	12	3	4	3	4	2	2
	13	193*	1020·5	–	58·9	6·7	10·4	61	7·0	2	3	5	14	7	0	*0*	0	0	0	*0*	*0*	*5*	*25*	*0*	0	1	30	0	1	9	4	5	4	3	1	4
	18	193	1019·9	–	58·4	6·6	10·0	61	7·1	3	3	3	16	6	0	*0*	0	0	0	*0*	*0*	*3*	*28*	*0*	0	1	30	0	1	9	3	4	4	2	3	5
Waterford. Seskin, Carrick-on-Suir	9	521	1020·5	–	52·1	4·0	9·6	73	5·7	1	12	3	7	8	0	0	0	*0*	2	0	9	*7*	9	4	0	6	20	5	5	5	3	4	2	0	2	5
	21	521	1021·0	–	48·3	3·1	8·7	77	4·4	4	13	2	7	5	0	0	0	*0*	1	0	5	*7*	9	8	0	6	14	11	6	3	1	2	3	0	1	4
Kerry. Valentia H Observatory	7	45	1020·5	+5·4	50·4	2·7	10·1	81	5·0	5	11	0	10	5	0	0	0	1	0	1	*1*	*7*	*17*	*4*	0	7	15	9	2	9	3	3	3	0	1	1
	13	45	1020·4	+4·9	57·6	6·0	10·4	65	5·9	1	9	4	12	5	0	0	0	0	0	0	*1*	*5*	*20*	*5*	0	22	9	0	4	9	2	4	2	0	7	3
	18	45	1020·1	+4·8	56·1	5·0	10·5	69	5·9	1	9	4	12	5	0	0	0	0	0	0	*1*	*6*	*20*	*4*	0	13	18	0	4	5	2	1	4	2	8	5
	21	45	1020·8	+5·0	52·3	3·4	10·3	76	5·5	0	13	3	8	7	0	0	0	0	0	0	*1*	9	*16*	*5*	0	9	15	7	5	4	3	3	4	1	1	3
	h.*	45	1020·5	+5·2	53·1	4·0	10·1	74																											
Cork. Roche's Point ..	7	24	1020·2	+4·7	49·2	2·1	10·0	84	5·3	4	9	4	9	5	0	1	0	0	0	4	2	*6*	*17*	*1*	0	1	30	0	11	8	5	2	1	2	1	1
	13	24	1020·2	–	55·9	4·1	11·3	75	6·0	2	5	10	12	2	0	0	0	0	0	2	2	*2*	*20*	*5*	0	3	28	0	3	3	10	6	4	3	1	1
	18	24	1019·6	–	55·4	3·6	11·3	77	5·5	2	7	7	12	3	0	0	0	0	0	2	5	*2*	*18*	*4*	0	6	25	0	3	2	9	6	3	6	0	2
11. CHANNEL I. & SCILLY.																																		
Scilly. St. Mary's..	1	199	1018·7	–	49·0	1·8	10·3	87	5·3	7	5	5	7	7	0	1	0	0	0	1	8	*10*	*11*	*0*	0	15	16	0	3	11	5	2	2	3	1	4
	7	199	1018·3	+3·1	49·6	2·0	10·5	86	7·1	0	6	4	16	5	1	0	0	0	0	1	6	*13*	*10*	*0*	0	16	14	1	4	7	8	1	3	1	4	2
	13	199	1018·5	–	54·4	3·8	10·7	75	6·4	1	8	3	12	7	0	0	0	0	0	1	6	*14*	*10*	*0*	0	21	10	0	3	10	8	2	3	2	1	2
	18	199	1018·0	–	52·1	2·8	10·7	81	6·3	3	7	2	12	7	0	0	0	0	0	2	7	*13*	*9*	*0*	1	15	15	0	4	11	5	0	3	2	3	3
Guernsey. St. Peter Port H	1	186	1017·4	–	49·4	1·8	10·3	87	6·7	7	1	4	4	15	0	0	0	0	0	1	1	6	*15*	*7*	1	0	11	11	9	2	8	6	1	1	1	2	1
	7	186	1017·4	–	49·9	2·2	10·3	84	8·1	2	1	4	7	17	0	0	0	0	0	0	5	12	*8*	*6*	0	0	18	8	5	1	11	6	2	1	1	2	2
	13	186	1017·5	–	53·8	3·6	10·9	76	7·0	0	6	8	5	12	0	0	0	1	0	2	1	10	*11*	*4*	2	0	21	5	5	2	11	5	2	3	2	0	1
	18	186	1016·9	–	53·5	4·0	10·1	73	6·2	3	4	10	8	6	0	0	1	0	2	1	5	*10*	*10*	2	0	11	17	3	1	12	7	2	1	0	2	3
GIBRALTAR .. .. H	7	90	1014·2	-2·1	57·9	2·7	13·6	83	5·2	2	8	6	11	4	0	0	0	0	0	0	*9*	*13*	8	1	0	3	26	2	0	0	5	0	1	7	12	4
	13	90	1014·4	–	66·8	7·7	14·2	64	5·7	1	8	11	6	5	0	0	0	0	0	0	*5*	*12*	13	1	0	13	18	0	0	0	4	1	2	12	11	1
	18	90	1013·7	–	66·7	7·4	14·0	64	4·7	2	11	8	8	2	0	0	0	0	0	0	*5*	*14*	11	1	0	7	24	0	0	0	4	1	2	5	16	3
	21	90	1014·6	–	60·9	4·2	13·8	75	3·3	8	11	5	6	1	0	0	0	0	0	0	*5*	*14*	11	1	0	3	27	1	0	0	4	1	3	5	14	3
MALTA .. .. H	7	234	1013·8	-1·4	63·8	4·8	14·9	74	5·5	4	5	8	13	1	0	0	0	0	0	0	6	8	*16*	*1*	0	19	12	0	3	5	8	5	3	0	1	6
	13	234	1013·8	–	67·3	7·6	14·2	62	4·4	6	9	5	9	2	0	0	0	0	0	0	4	8	*19*	*0*	0	20	11	0	2	4	9	6	0	3	4	3
	18	234	1013·7	–	63·6	4·7	15·0	75	4·2	4	13	4	9	1	0	0	0	0	0	0	3	9	*17*	*2*	0	15	16	0	2	2	8	8	1	0	3	7

* Mean of hourly readings.

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 temperature 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:—*Royal Observatory, Greenwich.*—A Glaisher stand is used. *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.

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 Gale 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 arrangement 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.

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—Rhayader (9), Tavistock (17), Plymouth (15), Balbriggan (25), Newcastle, Co. Wicklow (30).

"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*), *Pressure* (*Table IV*).—The averages refer to the period 1881–1915 and are "weighted" if the record is not complete for that period.

Temperature and Sunshine (*Table III*).—The averages refer to periods of from 10 to 30 years ending 1930, the actual period for each station being stated in the Introduction. Differences from 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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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: Adastral House, Kingsway, London, W.C.2; 120 George Street, Edinburgh 2; York Street, Manchester 1; 1 St. Andrew's Crescent, Cardiff; 80 Chichester Street, Belfast; or through any Bookseller.

Vol. 52. No. 6. Issued by the Authority of the Meteorological Committee

Price 1s. 0d. net, Post-free 1s. 1d.
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JUNE, 1935.—A wet month with frequent thunderstorms; two very warm sunny spells after the 21st.

The dry weather that had prevailed during most of May was breaking up on the first day of the new month, with the advance of a large depression from the Atlantic, and for three weeks cyclonic conditions prevailed. For the first nine days the British Isles lay within a complex system of depressions that extended roughly from the Azores to Russia. Then for a week the centre of lowest pressure was often over or near to the British Isles; on the 7th pressure was below 986 millibars within the two centres of a low pressure system that moved north-eastwards across Northern Ireland and Scotland. There was a decided improvement on the 21st. On that day the clouds that had enveloped most of the country during a day or two of rather sultry and damp weather with southerly winds, began to break up, and temperature exceeded 70 deg. widely over England, and rose to about 70 deg. locally in Scotland and Ireland. In the more abundant sunshine of the following day it reached or exceeded 85 deg. locally both in the south and north of England, but it was cool and wet in the west of Ireland. It was generally fine again on the 23rd until the evening, when thunderstorms broke out in Southern Scotland and Wales near the margin of an area of very high temperature that extended across England up to Southern Scotland. Temperature continued to reach very high values over England on the 24th and 25th, but the hot spell was broken by a widespread outbreak of severe thunderstorms over the southern and central parts of England on the afternoon of the 25th. Over England the fine weather returned next day and temperature gradually rose, to reach high levels once more during the last two days after an anticyclone had developed over Northern France and moved north-eastwards to the North Sea.

Pressure and Wind.—Pressure was generally below the normal, the deficit being over 8 mb. over most of Ireland. The highest pressures were generally reached on the 28th or 29th, when 1,030 mb. was exceeded in some parts of England. The wind was most frequently from South or South-west, and was generally strongest over England on the 7th, when it reached 73 mi./hr. in a gust at Pendennis, 65 mi./hr. at Scilly, and 62 mi./hr. at Cranwell. At Pendennis the highest mean speed for an hour was 51 mi./hr., a very exceptional figure for June. In Scotland the highest hourly wind was 39 mi./hr. at Bell Rock on the 21st and in Ireland 33 mi./hr. at Dunfanaghy Road on the 7th.

Temperature.—Mean temperature was generally rather above the average, by three or four degrees at a few English stations, but was near to the average in the more southerly counties of Ireland. The warmth of the last ten days was in contrast to the coolness of the first twenty. Temperature reached its highest point at many places in the North on the 22nd, when it touched 84° at Dunbar and Kelso in Scotland and 88° in Manchester (Oldham Road). It also attained 88° at Brighton and in London (Camden Square) on the 24th, and again at Huddersfield on the 29th. For Ireland the 25th was more commonly the warmest day, with maxima between 75° and 77° at a number of places in the South. The lowest readings were generally obtained on the mornings of the 1st or 9th, when temperature fell to 32° or even lower at a number of places in Scotland and the eastern half of England. There were some notably warm nights, that of the 23rd to 24th being the warmest for this month for at least 65 years at Kew, where temperature did not fall below 66°, and at Totland Bay the following night with a minimum of 63° was the warmest for June for at least 50 years.

The extremes for the month were: (England and Wales) 88° at Manchester on the 22nd, at Brighton and London (Camden Square) on the 24th, and at Huddersfield on the 29th, 28° at Rickmansworth on the 9th; (Scotland) 84° at Dunbar and Kelso on the 22nd, 29° at Wolfelee on the 1st; (Ireland) 77° at Waterford on the 25th, 35° at Dublin on the 9th.

Precipitation.—The general precipitation of the British Isles expressed as a percentage of the normal for the period 1881–1915 was 158, the values for the constituent countries being: England and Wales 149, Scotland 146, Ireland 196.

In a few parts of Scotland and the north-east of England, rainfall was below the average, but generally it was much in excess, being in many instances between two and three times the average. At Valentia the total was 207 mm. which is the highest for June there since records began in 1866. The number of days with rain was notably large, numbering 24 at many places in Scotland and Ireland. During the unsettled weather of the first three weeks there were many thunderstorms in the North, and during the month thunder was reported from some part of Scotland on seventeen days. Thunderstorms were responsible for most of the very large falls of rain on individual days. In Scotland a fall of 108 mm. at Aberfeldy (Perthshire) on the morning of the 24th nearly all came between 2 a.m. and 6 a.m., and at Glasgow (Springburn Park) on the same morning 78 mm. fell between midnight and 9 a.m. Severe storms in North Wales at about the same time yielded large measurements, e.g. 79 mm. at Bangor on the 23rd. Another at Castle Cary (Somerset) on June 16th was notable for the heavy hail that accompanied it, and for the reported occurrence of funnel shaped clouds of tornado type in the vicinity. The most violent of all, and those associated with the worst flooding, developed on the 25th. Between Bath and Devizes, part of the main London road was destroyed by the flood, which at Beanacre, 1 mile N.W. of Melksham, carried a large elm trunk along the Bath road. At the Manor House, Swainswick, 153 mm. were reported to have fallen between 13h. and 16h. G.M.T. Unusually violent storms occurred also on that day around Northampton and Market Harborough (Leicestershire) and in Surrey (83 mm. at Ewell, and 53 mm. in 40 minutes at Sutton). A heavy storm with flooding was also reported from Cashel, Co. Tipperary.

Sunshine.—There was more than the average amount of sunshine over an area that included most of the central and eastern parts of England, this excess being due mainly to the prolonged sunny spells after the 20th, but elsewhere there was a general deficiency. Among the largest amounts recorded on individual days were 15·6 hours at Valentia on the 23rd and at Torquay on the 28th, and 15·5 hours at Nottingham and Norwich on the 24th.

Fog.—There was a good deal of fog on the east coast of Scotland from the 23rd to the 26th and it extended inland at times. Fog was prevalent on the south-west coasts of England on the 2nd, from the 17th to the 21st, and from the 23rd to the 27th. The fog off our south-west coasts caused delay to shipping on the 20th and 21st. At Scilly it was present every day from the 17th to the 26th, with the exception of the 24th. At both Scilly and St. Annes Head the fog was thick at 1 h. G.M.T. on four occasions.

Miscellaneous Phenomena.—A solar halo was observed at Oxford on 13 days and a sun pillar on the evening of the 29th.

Meteorological Office, Air Ministry: G. C. Simpson, K.C.B., D.Sc., F.R.S., Director. South Kensington, S.W.7., 24*th July*, 1935.
40/9999.

TABLE I.—DISTRICT VALUES.— JUNE, 1935 [1908, revised 1928.]

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	32	+0·6	-	-	126	+3	85	26
Eastern.									
1. SCOTLAND, E.	84	29	+1·0	-	-	181	+6	75	26
2. ENGLAND, N.E.	84	30	+2·6	+0·8	-0·2	117	+7	95	34
3. ENGLAND, E.	86	28	+2·2	+0·2	-1·3	132	+5	104	43
4. MIDLAND COUNTIES ..	88	32	+2·7	-0·1	-0·1	143	+6	96	37
5. ENGLAND, S.E.	88	35	+1·7	+0·2	-0·9	162	+6	100	43
Western.									
6. SCOTLAND, W. (*and I. of Man*)	83	30	+1·5	-0·3	-1·1	167	+8	76	28
7. ENGLAND, N.W. (*and N. Wales*)	88	35	+2·3	+0·2	+0·1	143	+8	85	34
8. ENGLAND, S.W. (*and S. Wales*)	85	36	+1·2	-0·5	-0·2	177	+8	85	37
9. IRELAND, N...	75	36	+1·2	+0·4	+0·7	176	+6	93	30
10. IRELAND, S. ..	77	35	+0·4	+0·1	-0·4	191	+9	89	31
11. CHANNEL I. (*and Scilly*)	86	46	+1·0	-0·2	-1·2	161	+7	87	42
Mean : DISTRICTS 1—10	88	28	+1·7	+0·1	-0·4	159	+7	90	34

TABLE II.—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND.— JUNE, 1935 [1914.]

DISTRICT AND STATION.	Height.			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.	
					hr.		hr.	hr.	hr.	hr.	hr.	°	mi/hr.	m/s.	day. hr.	mi/hr.	m/s.	d. h.	m.
0. SCOTLAND, N.	ft.	ft.	ft.																
Shetland. ‡Lerwick	310	53	39	-	0	10	42	323	328	27	0	100	32	14	11 08	51	23	22 23	10
Orkney. Kirkwall	170	40	35	-	0	7	24	335	321	40	0	130	30	13	20 09	48	21	27 19	30
Hebrides. Stornoway†	—	—	—	-	0	12	97	391	196	36	0	70	37	17	2 17	51	23	29 15	05
1. SCOTLAND, E.																			
Aberdeen. Aberdeen	70	42	32	-	0	1	4	162	476	78	0	40	27	12	5 14	39	17	11 14	55
Kincardine. Balmakewan ..	140	25	20	-	0	0	0	6	(442)	(272)	0	170	15	7	21 13	32	14	21 12	50
Angus. Bell Rock Lighthouse	130	—	126	21	1	15	78	356	210	75	0	210	39	17	21 12	55	25	7 14	40
Edinburgh. Edinburgh	485	39	23	-	0	3	7	110	323	280	0	190	28	13	21 09	44	20	7 01	25
6a. SCOTLAND, W.																			
Argyll. Tiree	75	50	42	-	0	2	3	344	325	48	0	170	26	12	9 13	40	18	12 02	00
Renfrew. Paisley	188	81	31	-	0	0	0	81	553	86	0	150	21	9	11 13	42	19	11 12	30
Renfrew. Abbotsinch ..	65	46	33	-	0	0	0	148	448	124	0	200	22	10	8 04	46	21	11 13	45
Dumfries. Eskdalemuir ..	825	50	35	-	0	7	37	238	305	140	0	220	33	15	8 05	56	25	7 13	15
2. ENGLAND, N.E.																			
Durham. South Shields ..	73	57	44	-	0	1	4	160	352	204	0	250	27	12	8 13	47	21	8 12	30
Yorks., N.R. Catterick	220	45	33	-	0	1	8	61	372	279	0	250	30	13	8 11	57	25	8 10	50
Yorks., E.R. Spurn Head ..	64	42	34	-	0	6	30	319	349	22	0	230	36	16	7 17	59	26	8 12	30
Lincoln. Cranwell	284	43	33	-	0	3	18	155	448	99	0	200	34	15	7 14	62	28	7 16	10
3. ENGLAND, E.																			
Norfolk. Gorleston	52	42	34	-	0	6	23	202	416	79	0	200	34	15	7 16	56	25	7 16	10
Suffolk. Felixstowe Aero. ..	65	50	40	-	0	4	39	254	395	32	0	210	34	15	7 16	54	24	7 17	40
Bedford. Cardington ..	285	150	135	7	4	5	62	273	346	35	0	190	41	18	7 13	61	27	7 15	10
Essex. Shoeburyness ..	115	104	89	-	0	8	62	408	236	14	0	220	37	17	7 16	58	26	7 15	55
4. MIDLAND COUNTIES.																			
Warwick. Birmingham ..	643	118	73	-	0	1	3	175	495	47	0	200	26	12	7 14	54	24	7 12	45
5. ENGLAND, S.E.																			
London. South Kensington..	137	110	30	-	0	0	0	158	531	31	0	240	23	10	7 18	57	25	7 16	30
Surrey. Kew Observatory ..	92	75	50	-	0	2	8	194	454	64	0	220	29	13	7 17	58	26	7 16	40
Surrey. Croydon	313	105	70	-	0	3	20	290	352	58	0	200	36	16	7 14	56	25	7 13	30
Kent. Dover	66	66	60	-	0	5	15	315	341	49	0	-	29	13	7 24	46	21	7 23	35
Kent. Lympne	418	76	48	-	0	6	19	249	413	39	0	230	30	13	7 14	53	24	7 13	10
Hampshire. Calshot	58	50	42	-	0	7	60	361	251	48	0	190	38	17	7 15	56	25	6 23	10
Wiltshire. Boscombe Down ..	462	45	33	-	0	3	6	212	437	65	0	210	27	12	7 17	54	24	7 16	10
Wiltshire. Larkhill	491	51	36	-	0	2	17	178	408	117	0	220	35	16	7 13	56	25	7 13	15
7a. ENGLAND, N.W.																			
Lancashire. Fleetwood	112	50	31	-	0	2	14	311	349	46	0	250	28	13	8 12	42	19	8 10	50
Lancashire. Manchester (Barton)	153	83	80	-	0	5	19	261	359	81	0	220	36	16	7 15	57	25	7 14	45
Lancashire. Southport	60	42	33	-	0	2	21	189	438	72	0	250	32	14	8 11	48	21	7 12	20
Cheshire. Bidston Obs'y. ..	262	64	39	-	0	2	13	237	398	72	0	280	30	13	8 12	57	25	7 16	25
7b. NORTH WALES.																			
Anglesey. Holyhead	68	43	38	-	0	2	5	312	344	59	0	210	27	12	7 16	47	21	11 07	40
Flint. Sealand	81	65	42	-	0	0	0	97	495	128	0	230	24	11	7 18	51	23	7 11	15
8a. SOUTH WALES.																			
Pembroke. St. Ann's Head ..	—	—	—	-	-	-	-	-	-	-	-	-	-	-	- -	-	-	- -	-
8b. ENGLAND, S.W.																			
Devon. Plymouth	185	88	65	-	0	7	66	301	271	82	0	-	37	17	7 12	51	23	7 02	50
Cornwall. The Lizard	315	75	60	7	1	9	77	456	149	37	0	210	40	18	7 10	59	26	7 09	50
Cornwall. Pendennis Castle ..	256	65	42	6,7,11	14	14	138	358	165	45	0	230	51	23	7 12	73	33	7 11	30
9. IRELAND, N.																			
Donegal. Dunfanaghy Road	180	47	30	-	0	3	10	107	384	219	0	-	33	15	7 22	50	22	11 19	45
Antrim. Aldergrove	282	40	20	-	0	2	7	154	507	52	0	230	28	13	11 17	51	23	8 01	05
10. IRELAND, S.																			
Dublin. Kingstown (Cup Anr.)	49	27	27	-	0	4	16	340	334	30	0	250	30	13	8 08	-	-	- -	-
Clare. Quilty	100	40	32	-	0	4	13	322	341	44	0	-	27	12	11 10	38	17	11 09	45
Kerry. Valentia Observatory	98	41	33	-	0	7	24	410	237	49	0	190	28	13	9 13	50	22	9 13	05
Cork. Cork	132	71	40	-	0	0	0	61	493	166	0	-	16	7	2 14	33	15	7 12	15
11. SCILLY ISLES. St. Mary's	230	65	57	7	1	4	46	471	191	11	0	220	39	17	7 09	65	29	7 07	50

‡‡ Brackets ( ) indicate that the distribution as between winds above and below 4 m.p.h. is doubtful, but the total number of hours with winds below 12 m.p.h. is reliable.

‡ Data inaccurate prior to October, 1929 (*see* 1933 Annual Summary, Wind Section).

† Figures are for Butt of Lewis.

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

The dotted lines indicate the normal distribution of pressure in June, based on 35 years' observations, 1881–1915.

1015 1011 1012 1013 1016 1014 1017 1007 1008 1009 1010

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 H J

SCALE 1: 25,000,000

Positions of centres are shown thus:– O at 1hr; ● 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°

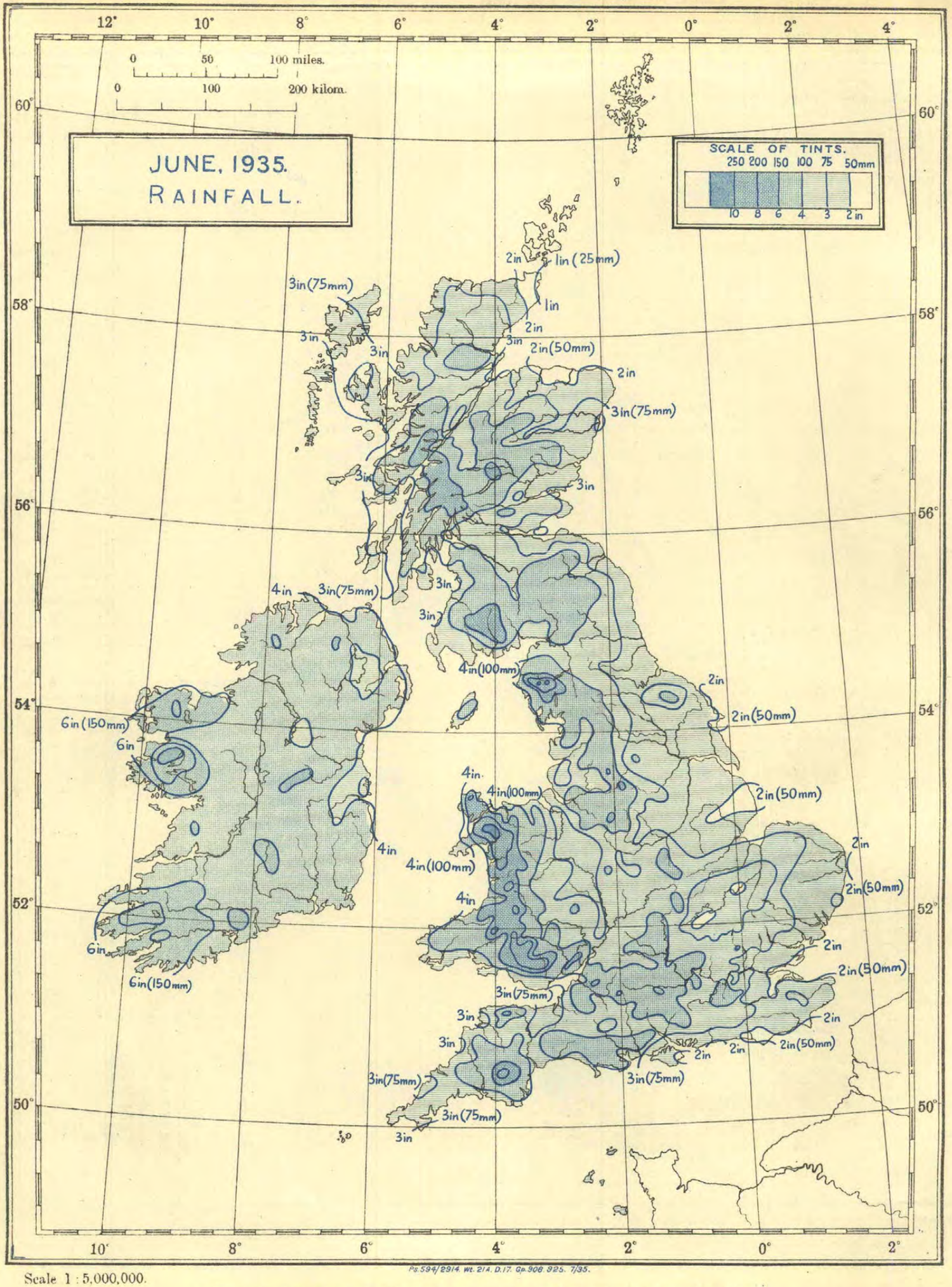
Sea temperatures are shewn in large figures, thus: 50°

4. BRIGHT SUNSHINE, HOURS PER DAY.

SCALE OF TINTS. Hrs. 8·0 7·0 6·0 5·0 4·0

H.M. Stationery Office Press, Kingsway W.C. 2.

*The pressure is expressed in millibars.



Scale 1 : 5,000,000.

Ps.594/2914. Wt. 214. D.17. Gp.908. 925. 7/35.

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

TABLE III.—SUMMARY of the RECORDS of TEMPERATURE, RAINFALL and SUNSHINE, and of WEATHER OBSERVATIONS, JUNE, 1935

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. in.	mm.	Difference from Average. mm.	Most in a day. Amount. mm.	Date.	WEATHER. Number of days. Precip'n. 0·2 mm. or more.	1 mm. or more.	Snow.	Snow lying.	Hail.	Thunderstorm.	Fog (Morn'g Obs.	Ground Frost.	Gale.	BRIGHT SUNSHINE. Hours per day. Daily Mean.	Difference from Average.	Per Cent.
		G.M.T.	ft.	°F.	°F.	°F.	°F.	°F.		°F.		°F.	°F.																hr.	hr.	%
0. SCOTLAND, N.																														
Shetland.	Baltasound ..	9 9 9	31	54·7	44·7	49·7	*0·0*	64	27	33	4	51·0	-	2·42	61	+11	10	20	25	12	0	0	0	2	6	-	0	3·63	*-1·33*	19
	Lerwick .. ¶§	18-7 7	156	52·4	46·0	49·2	*-0·3*	59	30	40	2,4	-	-	1·78	45	-	15	15	18	9	0	0	0	0	2	-	0	3·73	*-1·72*	20
Orkney.	Deerness	2121 9	160	55·4	45·9	50·7	+0·5	65	21,22	40	3,19	-	-	1·53	39	- 8	16	23	19	8	0	0	0	1	4	-	-	4·38	-0·78	24
	Kirkwall .. ¶§	9 9 9	113	56·7	46·6	51·7	*+0·6*	68	27,29	38	4	52·6	-	1·39	35	-14	11	23	14	8	0	0	0	1	2	2	1	4·22	-0·94	23
Hebrides.	Skallary	101010	30	58·7	50·0	54·3	-	68	25	43	9	-	-	2·78	71	-	14	6	20	15	0	0	0	0	-	-	-	-	-	-
	Stornoway(C.G.) ¶§	18-7 7	80	57·4	48·4	52·9	*+1·6*	72	26	43	18,23	-	-	2·66	67	-	16	26	20	15	0	0	0	2	1	-	0	5·82	-0·23	32
	Stornoway ..	- - 9	30	-	-	-	-	-	-	-	-	-	-	2·79	71	+12	16	26	20	16	-	-	-	-	-	-	-	-	-	-
Skye.	Duntulm	9 9 9	294	59·1	49·1	54·1	-	70	26	43	4	-	-	4·07	103	-	18	22	21	18	0	0	0	1	0	-	1	5·78	-	32
Caithness.	Wick	18-7 7	81	55·1	46·7	50·9	*+1·2*	70	21	32	·9	-	-	0·92	23	-23	4	15	17	8	0	0	0	1	3	-	0	-	-	-
Ross & Cromarty.	Achnashellach ..	9 9 9	225	61·7	46·3	54·0	-	69	29	39	3	-	-	2·72	69	-36	9	7	18	14	0	0	0	0	0	-	-	-	-	-
	Fortrose	9 9 9	69	60·0	48·1	54·1	*+0·4*	74	29	34	4	-	-	3·09	79	-	24	23	19	16	0	0	0	0	0	-	0	4·87	*-1·26*	27
Inverness.	Dalwhinnie ..	18-7 7	1176	59·3	45·7	52·5	-	75	25	34	16	-	-	4·00	102	-	25	23	20	17	0	0	1	0	0	1	0	4·28	-	24
	Ft. Augustus ¶	9 9 9	68	60·7	48·3	54·5	+1·0	76	22	37	1	-	-	2·72	69	+17	32	24	20	14	0	0	0	0	0	-	-	4·23	-	24S
	Ft. William ..	9 9 9	34	62·3	49·1	55·7	*+0·7*	75	28	40	2	56·8	52·7	6·18	157	+69	20	23	23	19	0	0	1	0	0	0	0	4·84	-	27S
	Inverness ¶§	9 9 9	242	60·3	48·0	54·1	*+0·1*	75	22,29	36	1,2	-	-	3·37	86	+38	27	23	20	14	0	0	0	1	0	1	0	4·95	*-0·65*	28
1. SCOTLAND, E.																														
Nairn.	Nairn .. ¶§	9 9 9	20	61·4	48·1	54·7	*+1·2*	79	29	34	2	-	-	2·78	71	+28	26	23	20	14	0	0	0	2	0	-	0	5·04	*-0·59*	28
Moray.	Forres	9 9 9	155	62·7	47·3	55·0	-	79	22	35	2	-	-	2·39	61	-	16	23	19	16	0	0	0	0	1	-	0	5·44	-	31
	Gordon Castle ..	2121 9	104	62·6	48·2	55·4	+1·5	79	22,26,29	33	2	-	-	1·54	39	-13	9	3	17	11	0	0	0	1	-	-	-	4·70	*-1·08*	28S
Banff.	Banff	9 9 9	130	60·3	48·1	54·2	*+1·7*	80	22	39	2	-	-	1·82	46	+ 1	9	5	15	11	0	0	0	3	0	0	0	4·87	*-1·18*	27
Aberdeen.	Aberdeen ¶§	242424	79	58·3	48·6	53·5	+0·6	71	21	41	9	54·3	50·6	4·23	107	+64	51	5	17	13	0	0	0	2	1	0	0	4·53	-1·50	26
		18-7 -	—	58·1	48·0	53·1	*-0·5*																							
	Balmoral	9 9 9	927	59·7	44·7	52·7	*+0·5*	73	22,25	34	16	-	-	3·01	76	+33	13	16	22	15	0	0	0	4	-	1	0	-	-	-
	Braemar	2121 9	1111	60·1	44·7	52·4	+1·0	73	25,26	34	16	-	-	2·91	74	+24	14	7	24	18	0	0	0	4	0	2	0	3·71	-	21S
	Craibstone ..	9 9 9	300	58·7	48·7	52·7	-	72	22	38	9	53·4	49·5	3·90	99	+53	34	5	18	14	0	0	0	1	3	-	0	-	4·97	-	28
	Logie Coldstone ..	9 9 9	608	62·4	45·3	53·9	+1·0	75	22	34	9	-	-	3·05	77	+27	18	4	21	13	0	0	0	5	0	0	-	-	-	-
Kincardine.	Balmakewan ..	9 9 9	80	63·4	47·8	55·6	-	75	24	33	16	-	-	3·01	76	+32	19	4	17	16	0	0	0	1	0	1	0	-	-	-
	Stonehaven ..	9 9 9	12	59·8	46·9	53·3	-	73	24	37	9	-	-	3·74	95	-	30	5	20	14	0	0	0	2	3	-	-	4·93	-	28
Angus.	Arbroath	2121 9	93	60·2	47·1	53·7	+0·4	72	22	35	9	-	-	3·69	94	+52	33	4	20	13	0	0	0	4	1	1	0	5·50	-	31
	Carnoustie ..	9 9 9	39	60·1	48·5	54·3	*+1·0*	72	22,23	39	9	-	-	3·38	86	+40	24	4	17	13	0	0	0	3	-	-	0	4·92	*-1·79*	28
	Dundee ¶§	9 9 9	147	61·8	48·6	55·1	*+0·9*	78	29	40	2,4	56·0	-	3·61	92	+49	24	4	18	14	0	0	0	4	-	0	0	4·19	*-2·27*	24
	Kettins	9 9 9	218	61·8	48·3	55·1	*+1·0*	75	29	36	9	57·8	-	3·43	87	+34	23	7	19	14	0	0	1	8	0	1	1	-	-	-
	Montrose ..	9 9 9	16	58·6	47·9	53·3	*+0·8*	72	28	37	16	-	-	3·67	93	-	24	4	18	15	0	0	0	2	0	-	0	5·37	*-1·30*	31
Perth.	Crieff	2121 9	478	60·0	47·6	53·8	-0·7	73	29	36	9	-	-	6·85	174	+107	60	23	19	17	0	0	1	5	-	-	0	-	-	-
	Perth	9 9 9	76	63·2	49·5	56·3	*+0·8*	78	22	39	2	-	-	2·71	69	+19	14	7	21	14	0	0	0	3	-	-	-	4·27	*-2·55*	24
Fife.	Cupar	9 9 9	210	61·7	48·5	55·1	*+0·7*	78	22	37	9	-	-	3·33	85	-	15	10	18	15	0	0	1	2	-	-	-	-	-	-
	Dunfermline ..	9 9 9	237	61·5	47·5	54·5	-	79	22	37	9	56·8	52·8	2·38	61	-	9	10	18	13	0	0	1	4	1	0	0	4·28	-	25
	Inchkeith ..	18-7 7	190	59·9	50·1	55·0	*+1·4*	76	22	43	9	-	-	1·94	49	+ 9	8	10	21	13	0	0	0	2	3	0	0	4·65	-	27
	Kirkcaldy ..	9 9 9	63	62·3	50·1	56·2	*+0·9*	78	29,30	38	9	-	-	2·87	73	-	15	16	19	14	0	0	0	1	-	-	-	-	-	-
	Leuchars ..	18-7 7	35	60·8	48·4	54·6	*+1·1*	76	22	37	9	-	-	3·35	85	+43	21	4	18	15	0	0	0	4	2	1	0	4·57	*-2·38*	26
	St. Andrews ..	9 9 9	13	61·0	48·9	54·9	*+1·0*	76	22	39	19	58·1	52·1	3·27	83	+38	15	4	20	14	0	0	0	4	1	0	-	4·94	*-1·71*	28
Mid Lothian.	Edinburgh—																													
	Blackford H. ¶§	2121 9	441	60·8	48·9	54·9	+1·1	80	22	37	2	-	-	2·15	55	+ 4	7	16	21	11	0	0	0	1	3	0	0	4·63	-1·63	27S
	Boghall	9 9 9	639	60·3	47·4	53·9	-	78	22	34	2	54·0	50·8	2·39	61	-	9	3	20	13	0	0	2	3	4	1	-	4·52	-	26
	Liberton ..	9 9 9	190	63·3	48·2	55·7	-	81	22	34	2	-	-	2·15	55	-	8	16	20	13	0	0	0	1	-	-	-	-	-	-
	Univ. King's B.	9 9 9	225	63·2	48·8	56·0	-	81	22	36	2	56·5	52·0	2·12	54	-	8	16	19	11	-	-	-	-	-	-	-	-	-	-
E. Lothian.	Dunbar	9 9 9	75	61·6	48·0	53·8	-	84	22	39	19	-	-	2·50	63	-	9	15	19	15	0	0	0	3	5	0	0	5·17	-	30
	N. Berwick ..	9 9 9	118	62·0	48·4	55·2	-	81	22	36	19	-	-	2·32	59	+19	11	10	20	14	0	0	0	2	4	0	0	5·22	-	30
Berwick.	Marchmont ¶§	9 9 9	498	62·0	47·8	54·9	+1·4	83	22	35	2	-	-	4·11	104	+45	16	16	23	17	0	0	0	0	-	-	0	4·70	-1·74	27S
Peebles.	Peebles	9 9 9	629	62·6	47·0	54·8	-	79	22	31	1	-	-	2·70	69	-	11	3	18	15	0	0	0	2	1	3	0	4·77	-	28
	West Linton ..	9 9 9	820	61·8	48·6	54·2	*+2·4*	79	22	32	9	57·0	51·2	3·12	79	-	21	16	20	14	0	0	0	1	0	4	-	-	-	-
Roxburgh.	Kelso (Br'ml'ds)	9 9 9	193	63·8	48·5	56·1	+1·3	84	22	31	2	-	-	3·67	93	+39	15	3	23	18	0	0	0	5	0	-	0	-	-	-
	Wolfelee	9 9 9	537	63·1	48·7	54·9	+1·2	82	22,23	29	1	-	-	4·01	102	+42	22	7	22	19	0	0	2	10	3	-	0	-	-	-
6a. SCOTLAND, W.																														
Argyll.	Ardtornish ..	2121 9	48	64·2	45·8	55·0	*+0·6*	79	25	37	9	-	-	4·58	116	-	13	21	18	18	0	0	0	0	-	0	-	-	-	-
	Colonsay ..	9 9 9	100																											
	Dunoon	9 9 9	46	62·0	48·6	55·3	-	73	25	34	9	57·1	52·9	6·83	173	-	28	10	23	20	0	0	1	0	0	1	-	3·78	-	22S
	Glenbranter ..	9 9 9	188	62·6	47·4	55·0	-	75	25	33	9	-	-	5·40	137	-	25	11	19	18	0	0	0	0	0	3	0	-	-	-
	Oban	9 9 9	229	63·0	49·5	56·3	*+2·4*	81	25	41	8,9	-	-	3·32	84	-	15	7	21	19	0	0	1	1	0	0	0	5·87	*-0·20*	34
	Tiree	18-7 7	22	59·0	49·2	54·1	-	66	26	44	9	-	-	2·12	54	-11	7	19	18	15	0	0	0	0	0	0	0	7·60	-	43
Bute.	Rothesay ¶§	2121 9	200	60·4	49·3	54·9	+0·4	70	23	41	2	56·9	52·3	3·96	101	-23	17	23	21	15	0	0	0	1	1	0	0	4·80	*-1·33*	28
Dumbarton.	Cardross	9 9 9	130	62·2	48·7	55·5	*+1·0*	73	22	39	1,2	-	-	3·23	82	-	13	10	20	17	0	0	0	0	8	-	0	4·05	*-2·81*	23S
	Helensburgh ..	9 9 9	21	61·6	48·5	55·1	+0·6	72	22	36	9	-	-	3·61	92	+16	15	10	20	16	0	0	0	2	1	-	0	4·47	*-2·56*	26
Stirling.	Stirling	9 9 9	151	62·9	50·1	56·5	*+0·9*	77	29	39	9	56·7	51·0	3·88	99	-	25	23	18	14	0	0	0	3	0	0	-	3·74	*-2·46*	21S
Renfrew.	Greenock	9 9 9	199	61·9	50·0	55·9	+1·0	74	22	41	1,2,9	-	-	3·42	87	+ 3	14	10	20	19	0	0	0	0	0	0	0	-	-	-
	Paisley	2121 9	106	62·7	50·3	56·5	0·0	74	22	41	1,9	57·0	51·9	4·47	113	+50	35	23	20	15	0	0	2	5	0	0	-	4·48	*-2·56*	26
	Renfrew (Abbotsinch) ¶§	18-7 7	19	62·5	49·1	55·8	*+2·2*	74	22	36	9,19	-	-	4·06	103	+47	32	23	22	16	0	0	1	4	0	1	0	4·24	*-1·87*	24
Lanark.	Dungavel	9 9 9	798	60·0	46·7	53·3	*+1·8*	74	22	35	2	-	-	4·81	122	-	35	23	20	16	0	0	0	4	0	0	-	-	-	-
	Glasgow	9 9 9	85	61·9	50·9	56·4	*+1·1*	74	22,29	41	9	-	52·3	4·91	125	+61	54	23	22	16	0	0	0	1	3	1	-	-	-	-
	Thorntonhall ..	9 9 9	440	62·3	47·7	55·0	*+1·7*	76	22	35	1	-	-	4·89	124	-	58	23	23	14	0	0	2	6	-	1	0	4·71	*-0·99*	27S
Ayr.	Auchincruive ..	9 9 9	89	63·4	48·5	55·9	-	76	26	37	9	57·6	53·5	3·26	83	-	19	23	20	14	0	0	2	4	0	1	-	5·07	-	29
	Colmonell	9 9 9	170	62·0	49·5	55·7	*+1·0*	75	25	36	9	-	-	2·80	71	+ 7	14	4	18	17	0	0	1	4	0	0	-	-	-	-
	Troon	9 9 9	15	61·2	50·7	55·9	-	79	25	40	2	-	-	3·65	93	-	21	5	19	17	0	0	1	5	0	0	0	4·94	-	29S
	Turnberry	9 9 9	30	62·6	50·2	56·4	*+1·7*	74	22	41	9	-	-	2·49	63	-	16	4	18	13	0	0	0	2	0	0	0	5·71	*-0·87*	33
Dumfries.	Dumfries .. ¶§	2121 9	140	62·9	49·8	56·3	+0·7	80	24	35	9	56·9	51·8	4·45	113	+72	14	16	23	15	0	0	0	2	0	1	0	4·90	*-1·75*	29
	Eskdalemuir ¶§	242424	794	61·2	46·0	53·6	*+2·0*	80	23	30	9	54·0	48·7	5·29	134	+54	15	11	22	21	0	0	2	7	0	2	1	3·94	*-3·01*	23
		18-7 -	—	61·2	46·5	53·9	*+2·2*																							
	Ruthwell	2121 9	67	64·3	49·3	56·8	*+1·5*	83	24	35	9	-	-	3·78	96	-	13	26	18	16	0	0	0	5	-	-	0	3·87	-2·49	23S
	Thornhill ..	9 9 9	670	61·6	47·9	54·7	-	78	24	36	1,2	-	-	5·31	135	-	18	5	23	19	0	0	0	4	1	-	0	-	-	-

¶§ S *See* Notes on Tables on last page of this issue.

On and after April 14th, observations were taken one hour earlier than the time shown.
†Observations taken at 17h. instead of 18h. G.M.T., on Sundays during Summer Time

TABLE III (*continued*).—SUMMARY of the RECORDS of TEMPERATURE, RAINFALL and SUNSHINE, and of WEATHER OBSERVATIONS, JUNE, 1935.

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.		Difference from Average.	Most in a day. Amount.	Date.	WEATHER. Number of days. Precip'n. 0·2 mm. or more.	1 mm. or more.	Snow.	Snow lying.	Hail.	Thunderstorm.	Fog (Morn'g Obs.)	Ground Frost.	Gale.	BRIGHT SUNSHINE. Hours per day. Daily Mean	Difference from Average.	Per Cent.
		G.M.T.	ft.	°F.	°F.	°F.	°F.	°F.		°F.		°F.	°F.	in.	mm.	mm.	mm.											hr.	hr.	%
6b. ISLE OF MAN.																														
Isle of Man.	Douglas	9 9 9	284	60·2	50·7	55·5	*+1·0*	79	25	41	9	-	-	3·96	101	+40	20	19	22	18	0	0	1	3	3	0	1	5·93	-1·32	35
	Point of Ayre	18-7 7		63·5	50·5	57·0	-	75	22	37	9	-	-	3·02	77	-	11	8	22	15	0	0	0	2	0	-	0	6·41	-	37
2. ENGLAND, N.E.																														
Northum-berland.	Berwick-on-T. ..	9 9 9	76	60·2	48·7	54·5	-	78	22	38	19	-	-	2·39	61	+17	11	6	17	13	0	0	1	4	3	0	-	4·81	-	28
	Bellingham ..	9 9 9	849	62·6	46·5	54·5	*+1·4*	81	22	34	2,19	-	-	4·01	102	+44	29	5	25	18	0	0	2	3	0	-	-	-	-	-
	Cockle Park ¶§	2121 9	325	62·7	47·3	55·0	+1·7	78	29	36	1	55·1	51·5	2·39	61	+ 5	10	18	24	17	0	0	0	2	1	0	0	4·80	-1·35	28
	Tynemouth ..	18-7 7	108	60·7	51·0	55·9	*+1·7*	74	21	44	1	-	-	2·46	63	+13	10	3	20	15	0	0	0	2	3	0	0	-	-	-
Durham.	Chopwellwood ..	9 9 9	446	64·4	48·3	56·3	*+2·5*	83	23	36	1	-	-	3·17	81	+27	16	4	23	18	0	0	0	6	0	1	-	5·16	*-1·07*	30
	Durham .. ¶§	2121 9	336	64·8	48·3	56·5	+2·2	81	23	34	1	-	-	2·80	71	+23	19	4	22	14	0	0	1	5	2	4	0	4·98	-0·95	29
	Houghall ..	9 9 9	160	67·5	48·2	57·9	-	84	23	30	1	-	-	2·62	67	-	19	4	19	15	0	0	0	5	1	4	0	5·53	-	32
	Ushaw College ..	9 9 9	594	63·9	49·1	56·5	+2·2	81	23	35	1	-	-	3·00	76	+21	15	4	23	19	0	0	0	5	5	-	-	-	-	-
Yorks., N. Riding.	Ampleforth ..	9 9 9	313	65·7	50·4	58·1	+2·8	80	22	36	1	-	-	2·79	71	-	12	12	19	14	0	0	0	7	4	2	-	5·97	-	35
	Castleton ..	9 9 9	450	66·2	47·1	56·7	-	83	22	33	1,2	55·7	-	2·64	67	-	17	7	20	17	0	0	0	4	0	2	-	-	-	-
	Catterick	18-7 7	175	65·2	48·5	56·9	-	82	22	32	1	-	-	2·26	57	-	13	4	19	15	0	0	1	4	1	3	0	5·71	-	34
	Scarborough †¶§	9 9 9	118	65·4	51·1	58·3	*+2·6*	78	21	43	1,2	-	54·6	2·04	52	+ 5	9	4	15	13	0	0	0	1	3	0	0	6·84	+0·58	39
	York .. ¶§	2121 9	57	68·5	51·4	59·9	+2·8	83	22,23,24	38	1	57·6	53·0	2·38	61	+ 8	10	7	17	14	0	0	0	4	-	-	0	5·47	-0·40	32
Yorks., E. Riding.	Hull	2121 9	8	68·5	53·1	60·8	+4·5	81	21,29	43	2	59·5	52·3	2·14	54	+ 2	14	4	17	12	0	0	0	6	1	0	-	6·61	-	39
	Spurn Head ..	18-7 7	29	65·2	52·1	58·7	*+3·2*	76	21,26	43	1	-	-	2·42	61	+16	16	4	15	13	0	0	0	4	2	-	2	7·67	*+1·48*	45
Lincoln.	Cranwell .. ¶§	18-7 7	240	69·9	49·9	59·9	*+3·6*	84	23,24	34	1	59·9	55·0	1·76	45	+ 2	6	16	16	12	0	0	1	4	2	1	0	7·38	*+0·64*	44
	Cleethorpes ..	9 9 9	23	66·6	51·6	59·1	-	79	21	42	1,9	-	-	2·52	64	-	20	4	15	11	0	0	0	3	0	0	-	7·63	-	45
	Skegness ..	9 9 9	15	65·4	52·4	58·9	*+3·0*	76	21	41	9	-	-	1·87	47	+ 1	11	16	17	13	0	0	1	3	0	0	-	7·59	*+0·74*	45
3. ENGLAND, E.																														
Norfolk.	Cromer	9 9 9	178	67·8	51·9	59·9	*+3·4*	79	29	44	2	-	-	2·45	62	+19	9	9	17	15	0	0	0	5	0	0	0	7·36	*+0·90*	44
	Hunstanton ..	9 9 9	105	67·5	52·2	59·9	-	81	23	41	1	-	-	2·55	65	-	11	2	17	14	0	0	1	4	0	-	-	7·96	-	48
	Norwich	9 9 9	110	69·0	51·2	60·1	*+2·3*	80	23,24	34	1	59·8	-	2·66	68	-	12	5,9	18	14	0	0	0	6	-	1	-	7·52	*+0·68*	45
	Sprowston ..	9 9 9	93	68·8	51·0	59·9	-	79	24	34	1	-	-	2·98	76	-	11	5	17	15	0	0	0	1	0	3	-	7·73	-	46
	Terrington ..	9 9 9	13	69·3	51·1	60·2	-	82	25	35	1	-	-	3·10	79	-	12	5	18	15	0	0	1	3	0	1	-	7·52	-	45
	Thetford ..	9 9 9	99	69·7	49·5	59·6	-	85	25	30	1	60·3	55·9	3·15	80	-	16	5	18	15	0	0	0	3	0	1	-	7·71	-	46
	(Lynford Nursery)																													
	Yarmouth ¶§	18-7 7	5	64·3	53·1	58·7	*+2·?*	75	28	39	1	60·1	-	2·56	65	+20	13	18	15	13	0	0	0	5	0	0	1	7·82	*+0·88*	47
Suffolk.	Bungay (Flix'n) ..	9 9 9	79	68·8	51·0	59·9	*+2·4*	86	25	38	1	-	-	2·14	54	-	13	18	18	14	0	0	0	5	0	0	-	-	-	-
	Copdock	9 9 9	164	68·4	51·4	59·9	*+2·6*	84	25	40	1,9	60·8	55·3	2·81	71	-	13	9	20	17	0	0	1	5	0	0	-	7·08	*+0·08*	43
	Felixstowe ..	18-7 7	15	65·4	54·0	59·7	*+1·7*	76	24,28	43	1	-	-	2·56	65	+22	17	15	19	18	0	0	0	6	0	0	0	7·66	*+0·17*	46
	Hartest	9 9 9	250	69·0	50·3	59·7	-	84	25	39	9	-	-	3·34	85	-	19	5	19	17	0	0	0	3	0	0	-	7·13	-	43
	Lowestoft ..	9 9 9	82	65·8	52·2	59·0	*+3·1*	77	28	38	1	60·9	-	2·01	51	+ 5	11	9	16	12	0	0	0	2	0	1	0	7·69	*+0·72*	46
Cambridge.	Cambridge ¶§ (Bot. Gdns.)	2121 9	41	69·2	51·7	60·5	+2·8	86	25	39	9	59·9	55·1	2·10	53	- 1	10	9	14	12	0	0	0	3	0	0	0	7·32	*+0·54*	44
	(Univ. Farm) ..	9 9 9	78	69·3	50·9	60·1	-	85	24,25	40	1	-	-	2·11	54	-	12	16	18	12	0	0	0	3	0	0	0	7·32	-	44
Bedford.	Luton	9 9 9	381	66·8	51·4	59·1	*+2·9*	82	24	43	9	60·8	53·3	2·52	64	-	13	9	17	12	0	0	0	3	0	0	-	6·80	*-0·13*	41
	Woburn	9 9 9	291	67·3	50·8	59·1	+2·6	83	22,24	42	9	60·7	53·6	1·95	50	0	9	9	20	13	0	0	0	3	0	0	-	6·67	+0·36	40
Hertford.	Rickmansworth	9 9 9	192	70·3	46·8	58·5	-	86	22,24	28	9	59·5	54·3	4·00	102	-	18	6	19	16	0	0	4	7	1	2	0	6·58	-	40
	Rothamsted ¶§	9 9 9	420	66·1	51·0	58·5	+1·9	81	24,25	41	9	58·1	-	2·83	72	+16	13	6	18	14	0	0	1	3	0	0	0	6·50	-0·35	39
	St. Albans ..	9 9 9	272	67·5	51·1	59·3	-	83	24,25	39	9	59·5	-	3·48	88	+36	15	9	18	13	0	0	0	4	0	0	-	-	-	-
Essex.	Clacton-on-S. ¶§	9 9 9	53	65·0	54·0	59·5	*+2·1*	78	24	45	9	60·0	55·8	2·26	57	+14	13	9	19	15	0	0	1	4	0	0	-	7·50	*+0·22*	45
	Chelmsford ..	9 9 9	134	68·9	53·7	61·3	*+3·8*	84	24	45	9	-	-	3·49	89	+41	22	25	19	16	0	0	0	5	-	-	-	-	-	-
	Chelmsford (Agr. St.)	9 9 9	193	68·8	50·4	59·6	-	83	24	40	9	-	-	3·30	84	-	19	25	19	14	0	0	0	4	-	-	-	7·19	-	44
	Earls Colne ..	9 9 9	168	68·6	51·9	60·3	-	83	24,25 28	40	1,9	-	-	3·15	80	-	14	5	17	16	0	0	1	4	-	-	-	-	-	-
	Halstead ..	9 9 9	140	69·1	51·6	60·3	+2·4	84	24,25	38	1	-	-	3·53	90	-	20	5	19	15	0	0	0	5	0	-	-	-	-	-
	Shoeburyness ..	18-7 7	11	67·8	53·5	60·7	*+3·1*	79	24	44	9	-	-	1·74	44	+ 3	11	5	18	12	0	0	0	2	0	0	1	7·92	*+0·53*	48
4. MIDLAND COUNTIES.																														
Yorks., W. Riding.	Askham Bryan ..	9 9 9		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Bingley	9 9 9	610	64·6	48·8	56·7	-	83	22	38	1	-	-	3·04	77	-	11	19	18	15	0	0	0	4	3	0	-	-	-	-
	Bradford ..	9 9 9	439	65·6	50·6	58·1	*+2·9*	83	22	39	1	56·7	51·9	3·11	79	+19	11	12	20	16	-	-	-	-	3	0	-	5·71	*-0·45*	34
	Doncaster ..	9 9 9		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Giggleswick ..	9 9 9	575	63·0	49·3	56·1	*+1·6*	82	22	39	1,9	-	-	3·63	92	-	15	7	21	17	0	0	1	1	0	-	1	4·84	-	28
	Harrogate ¶§	18-7 7	478	65·2	50·1	57·7	*+3·2*	82	22	36	1	55·5	52·9	3·04	77	+15	15	12	19	16	0	0	2	4	5	1	0	5·32	-1·05	31
	Huddersfield ..	2121 9	325	68·0	50·3	59·1	*+3·1*	88	29	35	1	58·0	52·7	2·14	54	- 2	12	17	19	14	0	0	0	4	0	0	-	5·83	*+0·12*	35
	,, (Oakes)	9 9 9	761	65·8	49·6	57·7	-	84	22	37	1	55·7	50·8	3·27	83	+18	12	17	21	17	0	0	2	7	4	0	1	-	-	-
	Meltham .. **	9 9 9	514	66·4	50·1	58·3	+3·1	84	22	34	1	56·7	55·3	3·70	94	+20	11	17	23	20	0	0	1	6	3	0	-	-	-	-
	Pontefract ..	9 9 9	255	66·3	50·4	58·3	-	83	22,23	39	1	-	-	2·57	65	+14	12	17	20	14	-	-	-	-	-	1	0	-	-	-
	Sheffield	9 9 9	428	67·5	51·5	59·5	+3·0	83	22,29	38	1	55·9	51·5	3·04	77	+19	13	7	20	16	-	-	-	-	-	0	-	6·33	+0·26	38
	Wakefield ..	9 9 9	124	68·8	50·6	59·7	*+3·0*	84	22	35	1	57·3	52·3	2·09	53	- 1	13	17	21	16	0	0	0	7	0	1	-	5·93	*+0·06*	35
Derby.	Belper (School) ..	9 9 9	222	69·1	49·7	59·4	*+2·5*	85	21	36	9	-	-	2·94	75	+16	9	16	16	14	0	0	0	4	-	-	-	-	-	-
	Belper (Q. Bk.) ..	9 9 9	280	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Buxton	9 9 9	1007	63·4	48·7	56·1	*+2·6*	81	22	34	1	55·2	51·3	5·17	131	+49	16	6	20	19	0	0	0	6	2	0	-	5·63	*-0·34*	33
Nottingham.	Attenborough ..	18 7 7	89	70·3	49·7	60·0	-	86	22,23	37	1,9	-	-	3·76	95	-	19	25	19	12	0	0	2	5	0	1	1	-	-	-
	Mansfield ..	9 9 9	357	68·1	50·5	59·3	-	85	22	36	1	-	-	2·61	66	-	9	16	17	16	0	0	1	6	1	-	-	-	-	-
	Nottingham ¶§	9 9 9	192	68·5	52·0	60·3	+3·6	83	22,24	42	1,9	58·1	53·9	2·75	70	+21	10	16	15	15	-	-	-	-	1	0	-	6·35	*+0·33*	38
	Sutton Bon'gton	9 9 9	157	68·7	50·1	59·4	-	83	22,24	35	1	58·9	-	2·99	76	+31	33	25	16	11	0	0	0	3	0	0	-	6·56	-	39
	Worksop ..	9 9 9	56	69·1	50·1	59·6	+2·4	84	22,23,24	32	1	59·3	54·6	3·42	87	+37	28	5	17	14	0	0	2	7	-	1	1	6·19	-	37

† At Scarborough the earth thermometer is at a depth of 3 ft. ** At Meltham the earth thermometers are at depths of 1 ft. and 2 ft.

¶§ § *See* Notes on Tables on last page of this issue.

TABLE III (*continued*).—SUMMARY of the RECORDS of TEMPERATURE, RAINFALL and SUNSHINE, and of WEATHER OBSERVATIONS, JUNE, 1935

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.		Difference from Average.	Most in a day. Amount.	Date.	WEATHER. Number of days. Precip'n. 0·2 mm. or more.	1 mm. or more.	Snow.	Snow lying.	Hail.	Thunderstorm.	Fog (Morn'g Obs.)	Ground Frost.	Gale.	BRIGHT SUNSHINE. Hours per day. Daily Mean.	Difference from Average.	Per Cent.
4. MID. COUNTIES—*cont.*		G.M.T.	ft.	°F.	°F.	°F.	°F.	°F.		°F.		°F.	°F.	in.	mm.	mm.	mm.												hr.	hr.	%
Leicester.	Belvoir Castle ..	2121 9	259	68·8	50·8	59·8	+3·5	83	22	37	1	60·0	52·5	2·57	65	+17	15	16	16	11	-	-	-	-	-	1	-	7·89	*+1·44*	47
North-ampton.	Oundle	9 9 9	147	68·5	50·3	59·4	+2·7	82	22	39	1,9	60·1	53·7	3·20	81	-	24	25	19	16	0	0	1	3	0	1	-	6·84	*+0·59*	41
	Raunds	9 9 9	213	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Roade	9 9 9	394	67·5	49·7	58·6	-	83	22	37	9	57·5	-	4·17	106	-	39	25	18	18	0	0	1	3	0	0	0	-	-	-
Warwick.	Birmingham ¶§	18–7 7	535	66·9	51·5	59·2	+2·6	84	22	43	9	53·5	50·2	2·35	60	+ 1	11	25	18	14	0	0	1	4	0	0	0	6·39	+0·45	38
	,, Sparkhill	713 7	425	68·8	50·5	59·7	+2·4	85	22, 23	42	3	-	-	3·18	81	+18	17	25	17	16	0	0	0	5	1	0	-	-	-	-
	Coventry.. ..	9 9 9	241	68·3	50·7	59·5	+1·6	84	22	39	9	59·8	56·4	3·49	89	+35	31	25	19	15	0	0	1	4	0	0	-	6·26	*+0·05*	37
	Rugby	2121 9	390	68·4	49·0	58·7	-	85	22, 24	39	9	-	-	3·32	84	-	26	25	20	18	0	0	1	2	-	0	-	-	-	-
	Stratford-on-Avon	9 9 9	210	68·1	51·5	59·8	-	83	22, 24	42	9	-	-	3·76	95	-	42	25	18	14	0	0	3	7	0	-	-	6·67	-	40
Oxford.	Oxford .. ¶§	9 9 9	208	68·0	52·2	60·1	+2·2	85	22	44	9	60·7	55·4	4·51	115	+58	29	25	21	16	0	0	3	3	0	0	0	6·54	-0·10	40
Bucks.	Mursley	9 9 9	490	66·7	50·3	58·5	-	82	22, 24, 25	40	9	58·0	-	2·11	54	+ 4	11	9	19	14	-	-	-	-	-	-	-	6·51	-	39
Stafford.	Mayfield	9 9 9	374	67·3	48·5	57·9	+2·8	83	22	35	1	-	-	4·21	107	+47	15	19	18	15	0	0	1	7	-	0	-	6·06	*-0·18*	36
Shropshire.	Newport	9 9 9	211	67·2	48·6	57·9	-	84	22	37	3	-	-	2·63	67	+14	12	25	20	14	0	0	0	3	0	1	-	-	-	-
	Shrewsbury ..	9 9 9	184	68·2	51·1	59·7	+2·8	86	22, 23	41	3, 9	58·6	54·8	1·88	48	-	10	19	18	12	0	0	1	3	0	0	1	5·13	-	31
Worcester.	Malvern	9 9 9	380	67·8	53·0	60·4	+2·7	86	23	45	9	60·0	54·8	3·74	95	+36	27	25	19	14	0	0	1	3	0	0	-	6·50	*-0·43*	39
	Worcester (Perdiswell)	9 9 9	94	68·8	51·0	59·9	-	86	22, 24	38	3	-	-	2·58	65	-	17	25	17	11	0	0	1	2	-	0	-	6·26	-	38
Hereford.	Bromyard ..	9 9 9	393	66·8	50·5	58·7	+2·0	83	22, 23	36	3	59·2	53·3	3·35	85	-	25	25	21	16	0	0	0	2	1	0	-	-	-	-
	Hereford ..	9 9 9	292	66·9	51·2	59·1	+2·2	84	22, 23, 24	41	9	-	-	3·72	95	+41	22	6	21	15	0	0	0	3	0	0	1	-	-	-
	Ross-on-Wye ¶§	18–7 7	223	67·0	52·2	59·6	+1·9	84	23	41	9	59·3	54·8	3·17	81	+26	21	25	19	14	0	0	0	4	0	1	0	6·02	*-0·99*	36
Gloucester.	Bristol (Horfield)	18–7 7	206	67·3	53·0	60·1	-	85	23, 24	42	9	60·2	55·7	3·42	87	-	12	25	21	16	0	0	0	3	0	0	0	-	-	-
	Cheltenham ..	2121 9	214	68·2	52·3	60·3	+2·1	85	24	42	9	61·5	57·5	3·05	77	+20	12	6	18	16	0	0	1	4	0	0	0	6·79	*+0·16*	41
	Cirencester ..	9 9 9	443	66·3	50·3	58·3	+1·9	84	22	37	9	-	-	3·92	100	-	16	6	20	18	0	0	0	5	1	0	-	6·63	-	40
	Parkend	9 9 9	325	66·5	51·6	59·1	-	83	23, 24	43	9, 16	56·9	52·5	5·00	127	-	25	6	19	15	0	0	0	2	0	1	-	5·63	-	34
5. ENGLAND, S.E.																														
London.	City, Bunhill Row..	—	—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6·60	+0·39	40
	Camden Square ..	9 9 9	110	70·7	54·4	62·5	+1·8	88	24	43	9	59·3	53·3	2·81	71	+20	18	9	19	16	0	0	0	4	-	0	-	-	-	-
	East Ham ..	9 9 9	15	69·5	53·9	61·7	+2·7	84	24, 25	44	9	-	-	2·71	69	+20	18	9	19	15	-	-	-	-	-	-	-	-	-	-
	Enfield	9 9 9	148	69·8	53·4	61·6	+2·5	86	24	41	9	-	54·5	3·46	88	+34	16	9	18	16	0	0	1	5	1	0	-	6·31	-	38
	ℊGreenwich ..	2424 9	149	71·6	52·3	61·9	+2·7	84	24	40	9	58·2	54·3	2·80	71	+20	18	9	19	15	0	0	0	6	0	1	0	6·82	+0·09	41
		21–9 –	—	71·6	52·7	62·1																								
	Hampstead ..	9 9 9	450	67·3	51·4	59·3	+1·6	83	24	43	9	-	-	3·30	84	-	15	9	20	15	0	0	0	5	-	0	-	6·71	*-0·35*	41S
	Kensington ..	18–9 9	80	69·7	54·4	62·1	+2·4	86	24	42	9	60·7	54·9	3·43	87	+36	19	9	19	17	0	0	0	4	0	0	0	6·50	-	39
	Kingsway ..	—	—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6·75	-	41
	Regent's Park ..	9 9 9	129	69·4	54·1	61·7	-	86	24, 25	43	9	-	-	3·01	77	-	18	9	18	16	0	0	0	4	2	0	-	6·71	*+0·25*	41
	Kew ¶§	242424	18	69·6	54·1	61·9	+2·9	84	24	42	9	60·1	54·7	3·87	86	+31	20	25	18	15	0	0	4	6	0	0	0	6·88	+0·23	42
	Observatory ..	18–7 –	—	69·4	54·5	61·9	+2·6																							
	Stroud Green ..	18 7 7	212	69·0	53·5	61·3	-	85	24, 25	42	9	-	-	3·19	81	-	17	9	21	16	0	0	0	4	1	0	0	-	-	-
	Tottenham ††¶§	2121 9	51	70·0	54·8	62·4	+2·0	86	24	44	9	-	55·2	3·16	80	+29	19	9	20	16	0	0	0	5	-	0	-	6·89	*+0·05*	42
	Westminster ..	9 9 9	27	69·0	55·2	62·1	+2·3	85	24	43	9	-	-	3·50	89	+41	18	9	19	16	0	0	0	4	-	0	-	6·76	+0·30	41
Surrey.	Addington ..	9 9 9	472	65·8	2·4	59·1	+2·0	83	22	44	9	-	-	2·73	69	-	14	6	19	14	0	0	0	2	0	-	-	-	-	-
	Croydon Aero. ..	18–7 7	217	68·5	53·5	61·0	+2·9	84	22	42	9	-	-	2·66	68	+14	14	9	20	15	0	0	1	3	0	0	0	7·32	*+0·34*	44
	Wisley	9 9 9	150	68·6	52·4	60·5	+2·2	84	24	39	9	60·8	55·4	3·51	89	-	15	25	18	17	0	0	1	3	0	0	1	6·57	*-0·31*	40
Kent.	Biggin Hill ..	18–7 7	567	65·3	52·3	58·8	+2·5	80	22, 24, 25	42	9	-	-	3·26	83	+24	21	9	20	17	0	0	0	3	1	1	0	7·79	*+0·60*	47
	Bromley	9 9 9	213	69·0	52·9	60·9	-	84	24	41	9	-	-	3·33	85	+35	17	9	19	16	0	0	1	5	0	0	-	-	-	-
	Canterbury ..	9 9 9	124	68·4	52·3	60·3	+1·8	84	25	40	9	59·7	54·7	2·20	56	-	23	9	20	13	-	-	-	-	-	0	-	-	-	-
	Dover	9 9 9	22	64·9	54·4	59·7	+2·6	81	24	46	9	61·5	56·5	2·46	63	-	14	9	18	13	0	0	0	2	0	0	0	8·31	*+0·93*	51
	Dungeness ..	18–7 7	20	63·8	51·8	57·8	+0·9	73	24	41	9	-	-	1·48	37	- 3	7	17	16	11	0	0	0	3	0	-	0	-	-	-
	East Malling ..	9 9 9	132	68·4	51·6	60·0	-	83	25	38	9	-	-	1·83	41	-	6	5,6	19	14	0	0	0	2	0	0	0	7·46	-	45
	Folkestone ..	9 9 9	101	64·8	53·4	59·1	+1·8	81	24	45	1	-	55·2	2·39	61	-	15	9	16	12	0	0	0	3	0	0	-	8·20	*+0·72*	50
	Goudhurst ..	9 9 9	290	67·0	51·0	59·0	-	82	24	38	9	-	-	2·43	62	-	12	6	19	16	0	0	0	3	0	0	-	-	-	-
	Lympne	18–7 7	346	65·5	51·9	58·7	+3·0	83	24	41	15	-	55·7	3·02	77	+28	33	9	17	13	0	0	0	2	2	0	0	7·70	*+0·36*	47
	Manston	18–7 7	142	66·5	52·4	59·5	-	81	25	42	9	-	-	2·45	62	-	22	9	17	12	0	0	0	3	0	0	0	8·01	-	49
	Margate .. ¶§	9 9 9	51	66·1	54·2	60·1	+1·8	75	26, 28	47	9	61·0	56·4	2·11	54	+ 9	20	9	16	10	0	0	0	2	0	0	0	7·89	+0·42	48
	Tunbridge W. ..	9 9 9	351	68·9	52·7	60·8	+3·5	86	25	39	9	61·8	56·4	2·25	57	-	15	6	18	13	0	0	1	2	0	0	0	7·43	+0·43	45
	Wye	9 9 9	164	67·7	51·5	59·6	-	85	25	36	9	-	-	3·12	79	-	31	9	18	17	0	0	0	2	-	0	0	6·72	-	41
Sussex.	Ardingly ..	9 9 9	437	67·2	52·3	59·7	+2·5	85	25	41	9	-	-	3·50	89	-	23	6	18	16	0	0	0	3	-	0	-	-	-	-
	Beachy Head ..	18–7 7	502	62·0	49·1	55·5	-	76	24	40	9	-	-	2·26	57	-	11	17	15	12	0	0	0	1	4	-	-	-	-	-
	Brighton ..	9 9 9	32	64·9	55·1	60·0	+1·9	88	24	45	9	-	56·5	2·09	53	+ 7	8	17	14	10	0	0	0	1	0	0	0	6·67	-0·77	41
	Eastbourne ..	2121 9	35	63·5	54·2	58·9	+1·5	77	24	46	9	60·7	56·8	1·88	48	+ 1	10	17	16	12	0	0	0	2	0	0	-	7·54	-0·28	46
	St. Leonards ¶§	2121 9	178	64·7	53·6	59·1	+1·6	83	24	46	9	62·6	55·3	2·35	60	+14	17	9	18	14	0	0	0	2	0	0	0	7·52	-0·03	46
Berkshire.	Ascot H'therw'd	2121 9	320	68·1	51·0	59·5	-	85	22, 24	39	9	-	-	4·70	119	-	50	25	20	14	0	0	0	4	0	1	-	7·06	-	43
	Reading	9 9 9	152	69·3	52·5	60·9	+2·6	86	22	40	9	60·0	55·4	4·32	110	-	32	25	20	16	0	0	0	5	-	0	0	-	-	-
	Shinfield	9 9 9	200	69·0	51·3	60·1	+2·5	85	22	38	9	-	-	4·52	115	-	33	25	18	14	0	0	1	3	-	-	-	-	-	-
	Warfield	9 9 9	220	68·6	50·5	59·5	-	84	22	40	9	60·7	-	4·05	103	-	28	25	20	16	0	0	1	3	2	0	-	6·59	-	40
Hampshire.	Bournemouth ..	9 9 9	138	65·8	52·8	59·3	+1·6	85	24	42	9	59·4	56·5	3·69	94	+43	26	6	19	13	0	0	0	2	0	-	-	7·05	*-0·54*	43
	Calshot	18–7 7	8	64·0	53·9	58·9	+0·2	79	24	43	9	-	-	2·53	64	+22	14	6	16	12	0	0	0	3	0	0	0	6·89	*-1·07*	42
	Long Sutton ..	9 9 9	479	67·1	50·7	58·9	-	83	22, 24, 25	41	9	60·8	-	2·99	76	-	25	6	20	10	0	0	0	2	0	0	-	5·94	-	36
	Southamp'n ¶§	2121 9	64	66·1	52·1	59·1	0·0	84	24	44	16	-	-	4·18	106	+55	31	6	18	16	0	0	1	2	0	0	0	6·65	-0·65	41
	S. Farnboro' ..	18–7 7	237	69·0	51·7	60·3	+2·4	85	22, 24, 25	39	9	-	-	3·00	76	+26	16	6	19	12	0	0	0	4	0	1	0	6·81	*-0·52*	42

†† Tottenham is used as a "district value" station for England, E., and not for England, S.E.

ℊ Temperature from thermometers on a Glaisher stand. ¶§ See Notes on Tables on last page of this issue.

TABLE III (*continued*).—SUMMARY of the RECORDS of TEMPERATURE, RAINFALL and SUNSHINE, and of WEATHER OBSERVATIONS, JUNE, 1935

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. in.	mm.	Difference from Average. mm.	Most in a day. Amount. mm.	Date.	WEATHER. Number of days. Precip'n. 0·2 mm. or more.	1 mm. or more.	Snow.	Snow lying.	Hail.	Thunderstorm.	Fog (Morn'g Obs.)	Ground Frost.	Gale.	BRIGHT SUNSHINE. Hours per day. Daily Mean. hr.	Difference from Average. hr.	Per Cent.
5. ENGLAND, S.E.—*cont.*		G.M.T.	ft.	°F.	°F.	°F.	°F.	°F.		°F.		°F.	°F.	in.	mm.	mm.	mm.											hr.	hr.	%
I. of Wight.	Newport	9 9 9	48	67·1	52·5	59·8		84	24	39	9	-	-	2·75	70	-	22	9	18	13	0	0	0	2	0	0	-	-	-	-
	Ryde	9 9 9	13	65·0	53·8	59·4	*+0·7*	81	24	45	9	-	-	2·17	55	-	15	6	16	9	0	0	0	1	0	-	0	7·84	*+0·02*	48
	Sandown ..	9 9 9	13	63·4	54·3	58·9	*+0·2*	79	24	44	9	-	-	1·89	48	-	10	6	16	13	0	0	0	1	0	-	-	8·11	*+0·07*	50
	Totland Bay ..	9 9 9	140	63·8	53·2	58·5	+1·2	82	24	43	9	-	-	2·87	73	+26	24	9	20	9	0	0	0	3	0	0	0	7·53	*-0·14*	46
	Ventnor (Hospital)	9 9 9	59	63·9	54·5	59·2	+1·1	80	24	49	1,9	-	-	2·34	59	+12	13	9	18	14	0	0	0	2	-	-	1	6·78	-0·84	42
Wilts.	Amesbury (Boscombe Down)	18–7 7	417	65·7	51·3	58·5	-	83	24	41	9	-	-	3·63	92	-	24	6	18	14	0	0	0	3	1	0	0	6·56	-	40
	Larkhill	9 9 9	440	65·5	51·0	58·3	*+1·7*	83	24	37	9	-	-	3·17	81	+32	25	6	18	15	0	0	0	2	0	1	1	-	-	-
	Marlboro' ‖ ¶§	9 9 9	424	66·2	50·0	58·1	+2·1	83	22,23,24	35	9	58·0	53·2	4·79	122	+61	20	6	20	20	0	0	0	2	1	0	0	5·97	-0·09	36
	Porton	9 9 9	363	66·5	50·4	58·5	*+2·0*	82	24	36	9	58·1	-	4·12	105	+56	25	6	18	18	0	0	0	5	0	1	0	7·00	-	43
7a. ENGLAND, N.W.																														
Cumberland.	Keswick	9 9 9	254	64·5	51·7	58·1	*+2·4*	82	24	37	9	57·3	52·0	4·54	115	+41	17	8	23	21	0	0	0	4	0	1	0	5·11	*-1·09*	30
	Newton Rigg ¶§	2121 9	560	63·8	48·2	56·0	+1·8	82	23	35	9	-	-	3·28	83	+27	8	6,25	23	19	0	0	1	7	0	2	0	4·68	-2·06	27
Westmorland.	Ambleside ..	9 9 9	145	65·3	46·8	56·1	-	85	23,25	38	4	-	-	5·44	138	-	20	11	25	23	0	0	0	3	0	-	-	3·84	-	22
	Appleby	9 9 9	440	64·7	47·9	56·3	*+2·0*	83	22,23	35	9	-	-	3·22	82	+24	11	7	24	19	0	0	0	4	-	-	-	-	-	-
Lancashire.	Bolton	9 9 9	342	65·7	51·2	58·5	+2·6	84	22,23	40	3,9,10	56·5	52·5	4·70	119	+44	16	25	24	17	0	0	0	6	-	0	-	4·81	-0·56	28 S
	Burnley	9 9 9	458	65·4	50·4	57·9	*+3·2*	84	22	39	9	56·8	52·5	4·24	108	-	14	7	21	18	0	0	1	4	0	(0)	-	5·17	*-0·48*	31
	Darwen	2121 9	724	66·3	49·9	58·1	*+3·3*	85	23	39	1	57·5	51·5	3·79	96	+ 9	13	4	23	17	0	0	2	6	1	0	-	5·99	*+0·38*	35
	Hutton	9 9 9	82	66·9	50·7	58·8	*+3·1*	85	22,23	40	9	57·2	52·5	3·33	85	-	12	14	20	16	0	0	1	6	0	0	0	5·79	*-0·77*	34
	Lancaster ..	9 9 9	312	67·0	49·7	58·3	*+2·0*	86	24	43	1	57·0	53·1	4·13	105	+40	15	30	21	19	0	0	1	6	0	0	0	5·66	*-0·72*	33
	Leyland	9 9 9	125	66·8	49·8	58·3	*+2·6*	84	22,23	39	1	-	-	2·41	61	- 2	10	30	19	15	0	0	0	5	0	0	-	5·84	*-0·68*	35
	Manchester (Barton) ..	18–7 7	70	67·5	50·5	59·0	-	85	22,23	38	3,9	-	-	3·79	96	-	17	12	22	19	0	0	4	8	1	3	0	5·74	-	34
	(Oldham Road)	2121 9	191	68·8	54·2	61·5	+2·9	88	22	45	1,5	58·9	54·7	3·36	85	+17	11	7	21	18	0	-	1	3	-	0	-	4·87	*-0·32*	29S
	(Whitworth Pk.)	2121 9	125	67·9	52·6	60·3	+3·0	86	23	41	9	-	-	3·21	81	+14	9	12	21	19	-	-	-	-	0	0	-	5·16	*-0·09*	31
	Southport .. (Bedford Rd. Pk.) ¶§	9 9 9	35	67·0	51·2	59·1	+3·0	85	22	39	1	60·0	55·3	3·55	90	+35	22	30	20	16	0	0	0	7	0	0	0	6·29	-0·88	37
	Stonyhurst ¶§	9 9 9	377	65·0	51·0	58·0	+2·5	83	22,23	40	1	-	-	3·73	95	+17	9	3	23	18	0	0	0	7	0	0	1	5·86	-0·20	35
Cheshire.	Bidston Obs'y. ..	18–7 7	198	65·3	52·1	58·7	*+2·5*	84	22	44	1	-	-	3·41	87	+31	20	30	19	16	0	0	1	6	0	0	0	5·93	*-0·86*	35
	Hoylake	9 9 9	23	67·0	50·9	58·9	+1·8	84	22	42	3	-	-	3·58	91	+38	21	30	20	15	0	0	0	5	-	0	-	6·50	-0·40	39
	Macclesfield ..	9 9 9	500	67·2	51·4	59·3	+3·6	85	22	41	1	-	-	4·54	115	+45	24	16	20	19	0	0	0	3	0	-	-	-	-	-
	West Kirby ..	9 9 9	25	66·6	51·8	59·2	-	84	22,25	43	1	-	-	3·37	86	+30	16	30	20	15	1	0	2	8	0	0	-	6·56	-	39
7b. NORTH WALES.																														
Flint.	Hawarden B'dge	9 9 9	17	67·4	51·5	59·5	+2·2	83	22,23	40	3	-	-	2·74	69	-	10	2	21	13	0	0	2	4	0	-	-	-	-	-
	Rhyl	9 9 9	31	65·5	51·3	58·4	*+1·9*	85	22	43	9	-	-	3·34	85	+35	25	30	18	14	0	0	1	3	0	0	0	6·00	*-1·11*	36
	Sealand .. ¶§	18–7 7	16	67·4	50·6	59·0	*+2·9*	86	23	39	3,9	58·6	53·9	2·76	70	+16	11	3	20	16	0	0	1	4	0	0	0	5·88	*-0·59*	35
Anglesey.	Holyhead ¶§	18–7 7	26	59·9	52·1	56·0	*+1·3*	73	29	47	9	-	-	3·30	84	+29	15	19	20	16	0	0	0	3	0	0	0	5·93	*-1·40*	35
Denbigh.	Colwyn Bay ..	9 9 9	118	64·7	52·8	58·7	*+1·9*	84	22	44	9	-	-	3·65	93	+39	20	30	22	17	0	0	0	2	0	-	-	6·08	*-0·85*	26
Carnarvon.	Aber	9 9 9	60	64·7	52·5	58·6	-	82	22	45	9	-	-	3·58	91	-	12	17	23	17	0	0	0	2	-	0	0	6·16	-	37
	Llandudno ..	9 9 9	13	64·1	53·3	58·7	*+2·1*	84	22	45	9	-	-	2·57	65	+17	11	17,30	19	15	0	0	0	3	1	0	0	5·99	-1·08	36
Montgomery.	Welshpool ..	9 9 9	254	67·3	50·0	58·7	*+2·4*	85	23,24	36	3	-	-	2·99	76	+20	15	19	16	13	0	0	0	4	0	-	-	-	-	-
8a. SOUTH WALES.																														
Cardigan.	Aberystwyth ..	9 9 9	12	62·8	52·6	57·7	*+1·3*	82	25	47	3,9,15	-	-	5·09	129	-	36	25	22	16	0	0	0	3	1	-	-	5·44	*-0·98*	33
	„ P.B.S. †	9 9 9	452	62·7	51·2	56·9	-	81	22	44	9	-	-	7·37	187	-	70	25	24	15	0	0	0	2	2	0	0	5·43	-	33
Pembroke.	Haverfordwest ..	2121 9	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	St. Ann's Hd. ¶§	18–7 7	142	59·5	52·0	55·7	*+0·2*	74	25	47	1	-	-	3·57	91	+41	19	19	22	16	0	0	1	2	5	-	0	5·38	-1·30	36
Radnor.	Rhayader ¶§	9 9 9	757	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Brecknock.	Cantref	9 9 9	1080	61·7	44·6	53·1	-	79	23,24,25	36	3	-	-	7·90	201	-	29	6	24	20	0	0	0	2	0	-	-	4·36	-	26
Glamorgan.	Cardiff	2121 9	202	65·6	53·3	59·5	*+2·2*	83	23	44	9	60·0	54·6	4·98	127	+63	27	25	19	13	0	0	0	2	0	0	0	6·10	*-1·42*	37
	Swansea	9 9 9	27	64·8	54·2	59·5	*+1·0*	84	24	49	3,9	61·9	57·1	4·53	115	-	24	19	21	17	0	0	1	2	0	0	-	5·20	*-1·78*	32
8b. ENGLAND, S.W.																														
Monmouth.	Newport	9 9 9	265	66·1	52·4	59·3	*+0·5*	83	23,24	45	9	59·4	54·0	5·04	128	-	26	6	21	17	-	-	-	-	1	-	-	6·01	-	36
	Usk	9 9 9	70	67·8	51·1	59·5	-	84	23	38	9	61·5	-	4·61	117	-	25	7	21	15	0	0	0	5	0	0	0	5·68	-	34
Somerset.	Bath .. ¶§	9 9 9	67	67·6	53·4	60·5	*+2·6*	85	23	40	9	61·9	57·0	4·73	120	+62	49	25	21	17	0	0	0	2	0	-	0	6·67	*+0·01*	40
	Cannington ..	9 9 9	95	67·6	52·0	59·8	-	83	23,24	40	9	-	-	2·43	62	-	9	6	20	15	0	0	1	4	0	0	0	6·94	-	42
	Long Ashton ..	9 9 9	162	66·9	52·3	59·6	*+1·8*	85	23,24	41	3,9	-	-	4·20	107	+43	33	25	21	16	0	0	1	2	0	0	0	6·30	*-1·13*	38
Dorset.	Holton Heath ..	9 9 9	64	64·7	52·1	58·4	*+1·1*	82	24	37	9	62·1	58·1	4·13	105	-	39	6	18	12	0	0	0	2	0	0	0	6·44	*-1·45*	40
	Portland Bill ..	18–7 7	32	58·6	53·7	56·1	*-0·7*	70	23	48	9	-	-	3·37	86	+47	27	6	20	13	0	0	0	2	2	-	0	-	-	-
	Shaftesbury ..	9 9 9	722	64·6	51·8	58·2	+2·0	82	24	45	3,9,16	-	-	2·54	64	+ 5	16	6	19	15	0	0	0	2	-	-	-	-	-	-
Devon.	Arlington ..	9 9 9	613	65·2	50·5	57·9	+2·3	81	24	42	9	-	-	5·02	128	+44	28	14	22	15	0	0	0	3	-	0	-	-	-	-
	Cullompton ¶§	9 9 9	202	67·7	51·3	59·5	+1·4	83	24	37	9	60·2	-	3·66	93	+39	13	6	21	17	0	0	1	3	0	0	-	5·71	-1·52	35
	Ilfracombe ..	9 9 9	25	64·4	54·4	59·4	*+2·1*	81	22	49	9	61·1	56·6	3·11	79	+26	28	14	15	13	0	0	0	1	0	0	-	6·87	*-0·49*	42

† Plant Breeding Station. ¶§ S *See* Notes on Tables on last page of this issue. ‖ On and after April 14th. observations were taken one hour earlier than the time shown.

TABLE III (*continued*).—SUMMARY of the RECORDS of TEMPERATURE, RAINFALL and SUNSHINE, and of WEATHER OBSERVATIONS, JUNE, 1935

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.		Difference from Average.	Most in a day. Amount.	Date.	WEATHER. Number of days. Precip'n. 0·2 mm. or more.	1 mm. or more.	Snow.	Snow lying.	Hail.	Thunderstorm.	Fog (Morn'g Obs.)	Ground Frost.	Gale.	BRIGHT SUNSHINE. Hours per day. Daily Mean.	Difference from Average.	Per Cent.
		G.M.T.	ft.	°F.	°F.	°F.	°F.	°F.		°F.		°F.	°F.	in.	mm.	mm.	mm.											hr.	hr.	%
8b. ENGLAND, S.W.—*cont.*																														
Devon.—*cont.*	Killerton ..	9 9 9	159	68·6	50·4	58·5	*+0·8*	83	24	38	9	–	–	3·00	76	–	14	6	22	16	–	–	–	–	0	5	–	–	–	–
	Newton Abbot ..	9 9 9	375	64·0	51·3	57·7	–	81	24	42	9	–	–	4·46	113	+63	29	6	22	20	0	0	0	2	0	0	–	5·74	–	35
	Paignton ..	9 9 9	12	64·2	52·8	58·5	*+0·7*	78	24	43	9	–	–	5·19	132	–	33	6	21	18	0	0	0	4	0	0	–	6·22	*-1·58*	38
	Plymouth (Hoe)	2121 9	117	63·6	53·4	58·5	*+0·8*	82	24	44	9	60·2	56·0	4·10	104	+49	23	6	22	17	0	0	0	0	3	0	3	6·34	-0·96	39
	Plymouth (Mount Batten) ..	18–7 7	82	62·3	53·5	57·9	*+0·3*	81	24	43	9	–	–	3·53	90	–	20	6	19	15	0	0	0	1	3	0	2	6·19	*-1·51*	38
	Princetown ..	9 9 9	1430	60·7	47·6	54·1	*+1·0*	77	23	44	3,5,10	–	–	9·18	233	+131	60	6	22	20	0	0	0	1	7	0	–	–	–	–
	Salcombe ..	9 9 9	39	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Sidmouth ..	9 9 9	25	63·5	52·7	58·1	+1·2	81	24	41	9	–	–	3·60	91	–	21	6	18	14	0	0	0	4	0	0	–	6·20	–	38
	Tavistock ..	9 9 9	457	63·6	50·6	57·1	*+0·6*	80	22,24	39	9	–	55·8	5·54	141	+76	39	5	23	17	0	0	0	1	1	0	1	–	–	–
	Teignmouth ..	9 9 9	20	63·7	53·2	58·5	*+0·4*	76	24,30	43	9	–	–	3·95	100	+51	25	6	19	16	0	0	0	5	0	(0)	–	6·25	*-1·27*	38
	Torquay	9 9 9	27	63·7	53·2	58·5	*+0·5*	79	24	44	9	–	56·4	4·36	111	+63	29	6	20	16	0	0	0	4	0	0	0	6·57	-1·15	40
	Woolacombe ..	9 9 9	60	63·5	53·6	58·5	+1·2	80	22,24,25	47	9	–	–	2·59	66	+21	26	14	14	13	0	0	0	2	0	0	–	–	–	–
Cornwall.	Falmouth Obs. ¶§	9 9 9	167	62·2	52·6	57·4	*+0·5*	79	24	47	9	59·0	57·7	3·41	87	+28	24	6	18	12	0	0	0	0	4	0	–	5·97	-1·44	37
	Fowey	9 9 9	51	62·7	52·6	57·7	*-0·2*	81	24	44	9	–	–	2·57	65	–	13	17	18	14	0	0	0	0	3	–	–	5·61	*-1·91*	34
	Gulval	9 9 9	20	62·3	49·7	56·0	–	77	24	45	1	–	–	3·17	81	–	13	14	19	16	0	0	0	–	0	–	–	5·45	–	34
	The Lizard ..	18–7 7	240	60·2	52·2	56·2	–	75	24	48	9	–	–	2·49	63	–	12	17	19	15	0	0	0	0	5	–	1	–	–	–
	Newquay ..	9 9 9	190	62·3	52·1	57·2	*+1·3*	76	22	44	1	58·4	54·7	2·28	58	+ 7	11	14	16	12	0	0	0	1	0	–	0	5·68	-1·56	35
	Redruth	9 9 9	397	62·4	51·1	56·7	*+0·6*	74	24	45	9	–	–	3·33	85	+22	16	6	17	16	0	0	0	0	0	0	1	–	–	–
9. IRELAND, N.																														
Sligo.	Markree Cas. ¶§	2121 9	122	63·1	48·1	55·6	+0·9	73	25	37	9	58·2	53·6	4·89	124	+47	13	19	23	23	0	0	0	3	0	–	0	5·45	+0·08	32
Mayo.	Blacksod Pt. ¶	18–7 7	18	59·1	50·6	54·9	–	64	1	45	8	–	–	5·64	143	+72	25	10	23	23	0	0	0	2	0	–	0	–	–	–
	Mallaranny §	9 9 9	113	60·8	50·4	55·6	*+0·3*	67	1	46	8	–	–	6·99	177	–	23	26	23	22	–	–	–	–	0	–	–	5·13	*-0·28*	30
Donegal.	Malin Head ¶§	18–7 7	83	58·9	49·4	54·1	*+1·4*	66	22,26	41	6	–	–	3·19	81	+27	13	7	19	17	0	0	0	1	0	–	0	4·99	*-0·82*	29
Antrim.	Aldergrove ..	18–7 7	238	62·2	49·7	55·9	–	74	25	40	9	–	–	3·75	95	+34	10	13	23	18	0	0	3	6	0	1	0	4·94	–	29
Down.	Donaghadee ..	18–7 7	40	60·7	46·1	53·4	*-0·7*	70	20	36	9	–	–	3·50	89	+30	11	6,8	23	15	0	0	0	3	1	–	0	–	–	–
	Hillsborough ..	9 9 9	388	61·2	49·0	55·1	–	72	25	42	9	55·6	–	3·75	95	–	18	25	22	21	0	0	0	6	0	0	0	5·00	–	29
Armagh.	Armagh .. ¶§	2121 9	204	63·7	49·5	56·6	+1·3	75	25	42	9	58·1	54·3	4·09	104	+40	24	25	24	19	0	0	1	4	0	0	0	5·04	-0·58	30
Longford.	Newtownforbes ..	2121 9	154	63·6	48·5	56·1	*+1·3*	75	25	40	9	57·2	54·0	4·39	111	+45	17	19	23	21	0	0	1	1	–	–	–	–	–	–
10. IRELAND, S.																														
Dublin.	Balbriggan	9 9 9	203	62·0	49·9	55·9	+1·0	72	20	42	9	57·6	54·8	3·58	91	+38	9	19	21	18	0	0	3	4	0	0	–	–	–	–
	Dublin City .. ¶	2121 9	54	64·7	53·1	58·9	+1·6	75	22	45	9	–	–	2·27	58	+ 8	15	17	21	16	0	0	0	3	0	0	0	–	–	–
	„ Glasnevin ..	2121 9	55	65·3	50·2	57·7	+1·9	76	22	35	9	–	–	2·89	73	+22	17	17	23	17	0	0	2	2	1	0	0	–	–	–
	„ Phœnix Pk. §	2121 9	155	64·9	49·1	57·0	+2·3	76	29	36	9	–	–	2·91	74	+24	17	17	21	17	0	0	2	2	0	2	–	5·74	-0·45	34
	„ Trin. Coll. ..	2121 9	13	65·5	52·4	58·9	*+2·2*	76	22	42	9	59·0	54·9	2·48	63	+16	17	17	20	15	0	0	2	2	–	0	0	–	–	–
	Hazelhatch .. .. (Peamount San.)	9 9 9	366	64·1	48·6	56·3	–	75	29	40	9	58·9	55·3	3·25	83	–	15	17	18	18	–	–	–	–	0	–	–	6·59	–	39
	Rathfarnham ..	9 9 9	169	64·3	51·4	57·9	–	75	22,29,30	42	9	56·7	–	2·68	68	–	19	17	19	16	0	0	2	2	0	0	–	5·70	–	34
Wicklow.	Newcastle ..	2121 9	256	63·5	49·7	56·6	*+1·2*	72	20,25	42	13	–	–	4·02	102	–	17	10	24	20	0	0	0	0	0	–	–	–	–	–
Offaly.	Birr Castle ¶§	18–7 7	173	64·5	49·3	56·9	*+1·2*	75	25,26	40	9	57·8	53·5	4·78	121	+62	16	19	24	20	0	0	1	1	0	0	0	4·92	-0·45	29
Leix.	Mountmellick ‖	9 9 9	245	63·5	49·4	56·5	*+0·4*	73	25,29	42	13,15	–	–	5·68	144	–	33	24	25	17	–	–	–	–	–	–	–	–	–	–
Waterford.	Seskin, Carrick-on-Suir	2121 9	535	63·3	48·6	55·9	*0·0*	76	25	43	1,9,16	–	–	5·32	135	–	13	21	26	22	0	0	2	6	1	0	0	5·25	*-1·38*	32
	Waterford ¶	9 9 9	137	63·3	50·5	56·9	*-0·2*	77	25	42	15	–	–	4·81	122	+55	15	24	22	18	0	0	0	2	8	–	0	–	–	–
Limerick.	Foynes	9 9 9	43	64·5	49·7	57·1	+0·6	74	29	42	1	–	–	4·51	115	+49	13	19	24	17	–	–	–	–	–	–	–	–	–	–
Kerry.	Valentia Obs. ¶§	242424	30	60·6	52·0	56·3	+0·1	66	25	47	14	58·6	55·8	8·16	207	+126	38	26	24	19	0	0	0	0	1	0	0	5·54	-0·33	33
		18–7 –	—	60·3	51·6	55·9	*-0·3*																							
Cork.	Ballinacurra §	9 9 9	24	62·7	49·7	56·2	*+0·1*	75	25	40	15	–	–	5·34	136	+70	15	21	27	21	0	0	1	3	–	–	–	4·95	*-1·42*	30
	Cork	9 9 9	57	64·0	53·3	58·7	–	75	25	48	8,9,12	–	–	5·31	135	+71	23	13	23	19	0	0	0	3	0	0	–	5·10	–	31
	Roche's Pt. ¶	18–7 7	22	59·9	51·8	55·9	*-0·5*	69	25	45	15	–	–	5·20	132	+64	20	19	26	20	0	0	1	3	2	–	0	–	–	–
11. CHANNEL ISLES AND SCILLY.																														
Scilly.	St. Mary's ¶§	18–7 7	163	60·9	52·1	56·5	*-0·2*	68	25,28	49	3,5,9	–	–	2·11	53	+10	11	17	23	15	0	0	0	1	6	–	0	6·22	-1·06	38
Guernsey.	St. Peter Port ¶§	18–7 7	175	63·2	53·6	58·4	*+1·4*	77	23	46	1,9	61·8	56·8	3·64	92	+45	21	6	18	14	0	0	0	3	2	0	0	7·28	*-0·94*	45
Jersey.	St. Heliers ¶§	9 9 9	28	66·2	54·7	60·5	*+1·8*	86	22	47	1	–	–	3·43	87	+33	23	30	16	13	0	0	0	1	1	–	–	6·71	-1·10	42
GIBRALTAR		18–7 7	102	78·9	62·4	70·7	*+0·6*	92	22	58	1,2,16	–	–	0·17	4	- 8	2	26	3	3	0	0	0	1	0	0	0	–	–	–
MALTA		18–7 7	231	80·9	68·1	74·5	*+1·8*	91	6	60	3	–	–	0·00	0·1	-1·9	0·1	23	0	0	0	0	0	0	0	0	0	12·36	–	85

¶§ ‖ *See* Notes on Tables on last page of this issue. ‖ On and after April 14th, observations were taken one hour earlier than the time shown.

TABLE III (*a*).—RIVER TEMPERATURE

Place.	River.	Hour.	Highest.	Lowest.	Mean.	Difference from Average.
			°F.	°F.	°F.	°F.
Belper	Derwent	9	–	–	–	
Attenborough	Trent	7	71·6	59·0	63·5	–
	„	18	72·7	59·0	64·2	–

TABLE III (*b*).—SKY OBSERVATIONS, JUNE, 1935

WEATHER DIARY ROYAL OBSERVATORY, GREENWICH	Number	NIGHT SKY RECORDER.**	GREENWICH.	PORTON.
Persistently overcast days	1	Recorder in operation on	29 nights	30 nights
„ cloudless „	0	Average exposure (hours)	4·50	4·18
„ foggy „	0	Polaris unobscured (per cent.)	59	52
		δ Ursæ Minoris (ditto)	54	45

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

TABLE III (*c*).—SOLAR RADIATION.

DIRECT SOLAR RADIATION KEW OBSERVATORY.	Cal./cm.²/diem.
Max.	881
Mean	266

TABLE IV.—SUMMARY of the OBSERVATIONS of PRESSURE, TEMPERATURE, HUMIDITY, CLOUD, VISIBILITY and WIND at fixed hours at certain Stations during the month of JUNE, 1935.

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.	4 to 7	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	160	1010·6	–	47·5	1·1	10·0	91	6·4	4	2	7	13	4	0	4	*0*	0	0	1	5	*7*	12	*1*	0	12	18	0	2	8	3	2	6	1	5	3
			7	160	1009·9	–4·6	48·9	1·6	10·4	88	7·8	2	0	5	14	9	0	2	*0*	0	1	2	5	*8*	12	*0*	0	16	14	0	3	8	5	1	6	3	2	2
Shetlands.	Lerwick		13	160	1010·3	–	50·5	2·1	10·8	85	7·4	2	1	6	12	9	0	1	*1*	0	2	0	7	*8*	9	*2*	0	15	14	1	3	5	4	4	8	1	2	2
			18	160	1010·2	–	50·1	2·2	10·3	84	6·8	3	2	6	13	6	0	2	*0*	1	0	0	8	*5*	11	*3*	0	13	17	0	2	5	3	4	8	2	3	3
			9	165	1009·6	–	51·3	2·2	10·8	85	7·6	0	4	5	13	8	0	1	1	2	*1*	0	*5*	2	13	5	–	–	–	–	–	–	–	–	–	–	–	–
Orkneys.	Deerness		21	165	1010·3	–	49·5	1·6	10·4	88	6·8	1	2	9	13	5	0	1	2	0	*1*	0	*5*	4	14	3	–	–	–	–	–	–	–	–	–	–	–	–
			1	83	1008·0	–	50·2	1·7	10·8	87	7·2	2	1	6	15	6	*0*	0	0	0	0	0	7	5	15	3	0	10	20	0	2	5	6	4	8	3	1	1
			7	83	1007·9	–6·6	51·1	1·9	11·0	87	8·2	0	2	3	13	12	*0*	0	1	0	1	0	3	4	14	7	0	8	21	1	2	6	4	6	8	1	1	1
Hebrides.	Stornoway ..		13	83	1008·1	–	55·6	4·1	11·3	75	7·6	1	2	2	17	8	*0*	0	0	0	0	0	2	4	16	8	0	16	14	0	1	5	5	7	6	5	1	0
			18	83	1008·1	–	54·2	3·5	11·0	77	7·7	1	1	4	15	9	*0*	0	0	0	0	3	2	4	15	6	0	16	13	1	2	7	7	1	5	4	1	2
			1	79	1009·4	–	48·6	1·1	10·9	92	9·1	0	0	0	19	11	0	1	0	*0*	1	*0*	*2*	*6*	*20*	*0*	0	7	23	0	2	2	3	7	7	3	2	4
Caithness.	Wick		7	79	1008·9	–6·1	50·3	1·3	11·1	91	8·9	0	0	3	10	17	0	3	0	*0*	1	*0*	*1*	*5*	*20*	*0*	0	6	24	0	2	4	4	6	7	2	3	2
			13	79	1009·3	–	52·9	1·9	12·0	87	8·8	0	0	3	14	13	0	3	0	*0*	0	*0*	*1*	*5*	*21*	*0*	0	7	23	0	2	3	6	8	6	1	1	3
			18	79	1009·2	–	52·4	2·3	11·1	84	8·5	0	1	4	14	11	0	3	0	*0*	0	*0*	*0*	*6*	*21*	*0*	0	7	23	0	3	2	7	6	5	3	1	3
			7	1180	996·4	–	49·7	2·4	10·2	83	9·0	0	1	4	2	23	0	0	0	0	0	3	4	21	2	*0*	0	3	26	1	0	5	1	2	11	6	3	1
Inverness.	Dalwhinnie † ‖ ..		13	1180	966·4	–	56·6	5·3	10·7	68	8·7	0	1	3	9	17	0	0	0	0	0	0	0	19	11	*0*	0	6	24	0	1	3	2	2	10	8	3	1
			18	1180	966·7	–	54·4	4·1	10·4	73	8·1	0	3	4	7	16	0	0	0	0	0	2	11	17	*0*	0	4	26	0	0	5	1	3	10	7	3	1
			9	250	1008·4	–	53·7	2·8	11·6	81	6·9	0	3	9	9	9	*0*	*0*	*0*	*0*	*0*	*1*	4	*6*	15	4	0	6	18	6	6	6	0	0	7	3	1	1
Inverness.	Inverness		17	250	1008·0	–	56·7	4·8	11·2	71	6·3	0	7	8	6	9	*0*	*0*	*0*	*0*	*2*	*1*	2	6	11	8	0	11	14	5	4	5	0	1	8	6	0	1
1. SCOTLAND, E.																																				
			7	85	1009·7	–5·9	52·8	2·3	11·5	85	8·2	0	3	3	10	14	0	0	1	0	1	3	8	*5*	11	*1*	0	3	25	2	1	2	4	4	10	2	1	4
			13	85	1009·9	–5·8	55·6	3·4	11·9	79	7·1	0	4	8	11	7	0	0	0	0	0	3	7	*7*	13	*0*	0	11	19	0	1	3	8	8	7	2	0	1
Aberdeen.	Aberdeen H		18	85	1009·8	–5·7	54·3	2·9	11·8	82	7·5	0	2	8	10	10	0	0	0	1	2	2	7	*10*	8	*0*	0	8	22	0	0	4	7	8	8	1	1	1
			21	85	1010·2	–5·8	52·5	2·1	11·6	86	7·8	0	4	4	11	11	0	0	0	1	1	3	7	*9*	9	*0*	0	2	27	1	1	3	5	6	9	3	0	2
			h.*	85	1009·8	–5·9	53·1	2·5	11·7	84																											
Aberdeen.	Braemar‡		9	1108	1008·5	–	52·7	2·9	11·0	80	8·7	0	2	3	4	21	*0*	*0*	*0*	*0*	*3*	*5*	*15*	*6*	*1*	*0*	0	0	30	0	1	11	3	1	3	8	3	0
			9	482	1009·0	–	54·2	2·8	11·6	81	8·9	0	0	3	11	16	–	–	–	–	–	–	–	–	–	–	0	10	20	0	0	0	9	3	8	3	7	0
Perth.	Crieff		21	482	1008·8	–	52·8	2·2	11·7	85	8·8	0	1	2	11	16	–	–	–	–	–	–	–	–	–	–	0	6	24	0	1	0	8	2	4	7	6	2
			1	184	1009·7	–	52·2	1·9	11·5	87	8·2	0	2	3	14	11	0	0	1	0	*0*	0	4	5	*20*	*0*	0	2	28	0	0	2	9	1	6	9	3	0
			7	184	1009·7	–	52·1	1·6	11·7	89	8·5	0	1	3	14	12	0	1	1	1	*0*	0	3	5	*18*	*1*	0	3	27	0	1	3	10	2	2	8	2	2
Fife.	Inchkeith		13	184	1009·7	–	56·4	3·8	11·6	76	8·5	0	2	0	18	10	0	0	1	2	*0*	1	1	5	*20*	*0*	0	7	23	0	0	6	9	1	4	7	3	0
			18	184	1009·5	–	56·4	3·6	11·8	77	7·7	1	1	6	12	10	0	1	0	2	*0*	0	5	2	*20*	*0*	0	6	24	0	1	3	7	2	5	10	2	0
			7	36	1009·5	–	52·8	1·9	12·0	87	7·9	0	5	1	13	11	0	0	1	1	0	2	3	9	*13*	*1*	0	3	24	3	0	3	8	3	3	7	2	1
Fife.	Leuchars H		13	36	1009·7	–	58·1	4·3	12·5	75	8·3	0	2	1	17	10	0	0	0	1	0	0	5	9	*14*	*1*	0	10	20	0	0	3	11	3	6	5	1	1
			18	36	1009·4	–	57·1	4·1	12·1	76	7·4	1	4	4	10	11	0	0	0	1	0	1	5	5	*13*	*5*	0	11	19	0	1	4	9	3	5	3	5	0
			9	441	1009·4	–	54·1	2·9	11·5	81	8·2	0	2	4	11	13	0	3	0	0	2	2	15	*7*	*1*	0	0	4	26	0	1	7	4	4	6	5	3	0
Mid Lothian.	Edinburgh .. (Blackford Hill)		21	441	1010·1	–	53·3	2·7	11·2	82	7·4	2	3	4	10	11	0	5	2	1	1	2	9	*4*	*6*	0	0	6	21	3	1	5	4	2	5	6	3	1
6a. SCOTLAND, W.																																				
			7	40	1007·1	–	53·2	2·1	11·8	86	7·4	1	1	6	16	6	0	0	0	0	0	0	3	13	*13*	1	0	18	12	0	4	2	2	11	5	4	1	1
Argyll.	Tiree		13	40	1007·8	–	57·0	4·0	11·9	75	6·3	0	9	3	15	3	0	0	0	0	0	0	4	8	*13*	5	0	21	9	0	5	1	2	10	5	4	1	2
			18	40	1007·7	–	55·1	2·8	12·1	81	7·2	0	5	3	15	7	0	0	0	0	0	0	6	8	*5*	11	0	13	17	0	6	0	4	5	8	4	0	3
			9	187	1008·4	–	55·2	2·6	12·3	83	7·2	0	2	11	14	3	0	0	0	*1*	*0*	*4*	14	*5*	*6*	*0*	0	19	11	0	0	3	7	3	10	2	1	4
Bute.	Rothesay		21	187	1008·7	–	53·7	2·1	12·2	86	7·1	0	1	9	14	6	0	0	0	*0*	*0*	*3*	13	*6*	*8*	*0*	0	11	19	0	1	3	6	4	6	6	1	3
			7	24	1008·9	–	53·2	1·9	12·0	87	9·0	0	0	4	10	16	0	0	0	0	2	7	12	2	*7*	*0*	0	4	22	4	2	6	7	2	4	3	2	0
Renfrew.	Renfrew .. .. (Abbotsinch)		13	24	1008·3	–	59·9	5·0	12·5	71	8·3	0	1	6	12	11	0	0	0	1	0	2	9	6	*6*	*6*	0	13	17	0	0	8	3	4	4	7	3	1
			18	24	1008·5	–	58·5	4·4	12·6	73	8·2	0	1	5	15	9	0	0	0	0	0	1	11	2	*11*	*5*	0	12	17	1	1	2	7	2	7	7	2	1
			7	778	1009·6	–	52·0	1·8	11·6	87	9·0	0	1	1	11	17	0	0	0	0	1	0	*14*	*10*	*5*	*0*	0	8	21	1	1	8	0	3	10	6	1	0
			13	778	1009·1	–	58·1	4·6	12·1	73	8·5	0	1	2	17	10	0	0	0	2	1	0	*8*	*6*	*13*	*0*	0	18	12	0	1	4	4	1	9	9	2	0
Dumfries.	Eskdalemuir‡‡ H		18	778	1009·1	–	56·8	3·5	12·5	79	7·4	0	5	4	13	8	0	1	0	0	0	1	*6*	*4*	*15*	*3*	0	19	11	0	1	7	2	3	7	8	2	0
			21	778	1010·1	–	52·0	1·6	11·7	89	8·1	0	5	1	10	14	0	1	0	0	1	4	9	*3*	*11*	*1*	0	6	22	2	6	2	0	1	8	9	1	1
			h.*	778	1009·5	–	53·4	2·5	11·7	84																											
6b. ISLE OF MAN.																																				
Isle of Man.	Douglas .. H		9	286	1010·0	–6·3	54·9	2·2	12·8	86	7·8	2	1	3	13	11	0	0	3	*0*	3	0	*3*	*9*	*12*	*0*	1	9	20	0	1	3	5	5	4	9	2	1
			7	31	1009·1	–	55·1	2·3	12·6	85	7·8	1	1	6	9	13	0	0	0	0	0	0	6	*8*	*16*	0	0	14	15	1	1	0	2	7	6	4	7	2
	Point of Ayre		13	31	1009·4	–	59·5	3·8	13·2	77	7·0	0	2	10	12	6	0	0	0	0	0	0	3	5	*22*	0	0	13	17	0	0	1	2	5	8	3	8	3
			18	31	1009·2	–	59·8	4·4	13·1	74	6·4	0	2	14	11	3	0	0	0	0	1	0	1	3	*25*	0	0	13	17	0	0	1	2	3	8	7	5	4
2. ENGLAND, N.E.																																				
			9	331	1009·8	–	56·7	2·8	13·1	83	7·6	0	1	7	11	11	0	0	1	0	1	*2*	9	*5*	11	*1*	0	3	26	1	0	0	4	7	5	7	4	2
Northumberland.	Cockle Park ..		21	331	1010·0	–	51·9	1·6	11·7	89	7·2	0	4	5	13	8	0	1	1	2	4	*1*	8	*3*	10	*0*	0	0	25	5	1	0	0	10	3	5	5	1
			1	122	1010·6	–	53·0	1·6	12·2	89	6·8	0	6	8	5	11	0	1	2	0	0	1	8	*17*	1	*0*	0	1	28	1	2	0	3	2	7	8	7	0
Northumberland.	Tynemouth ..		7	122	1010·2	–5·6	53·4	1·8	12·1	87	7·4	0	3	9	8	10	0	1	1	1	3	0	17	*4*	3	*0*	0	0	30	0	4	0	3	2	7	6	6	2
			13	122	1010·3	–	56·5	2·7	13·2	83	7·4	0	0	11	13	6	0	0	1	0	0	1	14	*11*	3	*0*	0	2	28	0	3	1	5	10	4	2	5	0
			18	122	1010·0	–	57·3	3·1	12·8	81	7·0	0	2	12	8	8	0	0	1	1	0	0	9	*16*	3	*0*	0	3	27	0	2	0	7	5	3	5	7	1

* Mean of hourly readings. † Pressure at Station level. ‡ Mean pressure at Station Level is 968·4 mb.

‡‡ Mean pressures at Station Level are 981·3 mb. at 7 h., 981·2 mb. at 13 h., 981·2 mb. at 18 h., and 981·8 mb. at 21 h.

‖ Observations taken at 17h. instead of 18h. G.M.T. on Sundays during Summer Time.

TABLE IV (*continued*).—SUMMARY of the OBSERVATIONS of PRESSURE, TEMPERATURE, HUMIDITY, CLOUD, VISIBILITY and WIND at fixed hours at certain Stations during the month of JUNE, 1935

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.	4 to 7	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.—*cont.*			9	352	1010·8	-	58·3	3·5	12·9	79	7·4	2	1	6	11	10	0	0	1	1	2	4	9	7	*6*	*0*	0	2	23	5	1	0	2	2	13	4	3	0
Durham.	Durham ..	..	21	352	1011·2	-	54·7	2·0	12·8	87	6·9	4	4	2	7	13	0	1	2	0	4	6	6	10	*1*	*0*	0	2	19	9	2	2	0	1	7	5	4	0
			7	186	1010·7	-	54·3	1·6	13·1	90	8·4	0	1	3	13	13	0	0	0	1	2	2	*12*	4	*9*	*0*	0	2	23	5	1	3	0	2	11	5	2	1
Yorks., N. Riding	Catterick ..	H	13	186	1010·2	-	52·4	5·2	14·2	72	7·7	0	3	5	14	8	0	0	0	0	0	0	*13*	10	*6*	*1*	0	8	19	3	0	2	2	3	6	7	6	1
			18	186	1010·0	-	60·7	4·4	14·0	76	7·2	2	2	7	12	7	0	0	0	0	1	2	*9*	4	*11*	*3*	0	7	22	1	1	7	0	1	8	3	9	0
Yorks., N. Riding.	Scarborough ..		9	96	1011·6	-	58·9	4·4	12·6	73	5·1	0	14	6	8	2	0	3	0	0	0	4	6	7	*10*	*0*	0	2	28	0	1	1	0	7	7	3	4	7
	York ..	..	9	53	1011·5	-	59·6	4·5	13·0	73	7·1	4	0	8	5	13	-	-	-	-	-	-	-	-	-	-	0	0	30	0	2	1	3	2	16	3	3	0
			21	53	1011·5	-	59·1	3·7	13·3	78	5·9	3	7	4	7	9	-	-	-	-	-	-	-	-	-	-	0	0	28	2	1	2	4	3	10	2	6	0
			1	28	1011·7	-	54·3	1·4	12·9	91	6·6	1	8	4	8	9	*0*	*0*	0	0	0	*0*	*2*	24	4	*0*	0	12	18	0	1	2	1	4	7	9	5	1
Yorks., E. Riding.	Spurn Head ..		7	28	1011·9	-4·0	55·8	2·1	13·3	87	7·1	1	2	8	11	8	*1*	*0*	1	0	0	*1*	*8*	16	3	*0*	0	13	17	0	2	2	1	5	7	6	6	1
			13	28	1011·6	-	62·2	5·0	13·6	72	6·7	0	2	13	10	5	*0*	*0*	0	0	0	*1*	*8*	17	4	*0*	2	19	9	0	0	1	2	10	4	8	3	2
			18	28	1011·0	-	59·6	3·6	13·9	79	6·4	2	4	9	9	6	*0*	*0*	0	1	0	*1*	*8*	16	4	*0*	1	21	8	0	0	3	1	10	3	7	4	2
			7	243	1012·3	-	55·6	2·1	13·2	87	7·2	0	5	5	12	8	0	1	1	0	*0*	2	15	8	3	*0*	0	7	22	1	2	0	3	5	8	5	6	0
Lincoln.	Cranwell ..	H	13	243	1011·8	-	57·1	8·2	13·7	60	6·9	1	3	6	16	4	0	0	0	0	*0*	1	5	15	9	*0*	0	11	19	0	0	0	2	8	8	9	3	0
			18	243	1011·5	-	64·1	6·8	13·4	65	7·2	2	3	3	18	4	0	0	0	1	*0*	0	4	11	13	*1*	0	12	18	0	2	1	3	5	9	7	2	1
3. ENGLAND, E.																																					
Norfolk.	Cromer ..	H	9	74	1012·5	-	60·9	4·0	14·2	78	6·1	3	2	9	10	6	0	0	0	0	0	0	*3*	*4*	*23*	*0*	0	3	27	0	1	0	2	6	15	2	3	1
			1	26	1013·6	-	55·8	2·1	13·3	87	5·1	5	4	11	4	6	0	0	0	0	*0*	1	*12*	*16*	1	*0*	0	6	23	1	0	2	1	5	9	9	2	1
Norfolk.	Yarmouth..	..	7	26	1013·7	-2·3	57·0	2·3	13·6	85	6·6	2	6	4	9	9	0	0	0	0	*0*	2	*19*	*9*	0	*0*	0	10	20	0	0	2	1	6	8	8	3	2
			13	26	1013·7	-	61·8	5·1	13·5	71	6·6	1	4	7	16	2	0	0	0	0	*0*	0	*21*	*9*	0	*0*	1	13	15	1	1	1	3	8	7	8	1	0
			18	26	1013·1	-	61·7	4·8	13·8	73	6·5	2	3	8	12	5	0	0	0	0	*0*	1	*21*	*8*	0	*0*	0	12	15	3	1	2	3	6	9	5	1	0
			7	20	1013·7	-	57·8	2·6	13·7	84	6·6	3	5	3	9	10	0	0	0	0	0	6	10	*11*	*3*	*0*	0	12	17	1	1	4	4	1	7	9	**3**	0
Suffolk.	Felixstowe Aero.		13	20	1013·7	-.	63·1	5·4	13·9	71	5·6	1	7	9	10	3	0	0	0	0	0	2	6	*7*	*15*	*0*	0	17	13	0	0	4	1	6	12	4	3	0
			18	20	1013·1	-	61·8	4·9	13·9	73	5·8	2	9	2	13	4	0	0	0	0	0	2	5	*10*	*11*	*2*	0	15	14	1	0	5	2	5	8	7	2	0
			9	43	1013·0	-3·5	62·6	4·1	15·2	78	6·6	4	3	6	6	11	-	-	-	-	-	-	-	-	-	-	0	11	18	1	0	2	2	5	7	9	4	0
Cambridge.	Cambridge	H	21	43	1012·9	-3·6	58·8	2·4	14·9	86	5·0	10	4	2	2	12	-	-	-	-	-	-	-	-	-	-	0	3	25	2	2	3	2	2	8	10	0	1
Hertford.	Rothamsted ..		9	396	1012·6	-	59·6	3·8	13·7	78	6·0	3	5	6	10	6	0	0	0	*1*	0	*5*	*24*	*0*	*0*	*0*	0	3	21	6	1	0	3	4	11	4	0	1
			7	12	1013·7	-	58·6	2·3	14·6	86	6·9	5	2	3	7	13	0	0	0	0	1	2	6	13	8	0	0	5	24	1	0	3	4	2	6	12	2	0
Essex.	Shoeburyness	H	13	12	1013·6	-	65·5	5·3	15·7	73	6·7	4	2	6	10	8	0	0	0	0	0	0	8	12	10	0	0	9	21	0	0	3	4	2	8	12	1	0
			18	12	1013·3	-	62·4	4·1	15·0	77	6·2	3	5	4	13	5	0	0	0	0	0	1	2	10	16	1	0	10	20	0	0	4	3	1	8	14	0	0
4. MIDLAND COUNTIES.																																					
			7	478	1011·3	-	54·5	1·9	12·9	87	7·3	1	5	3	11	10	0	0	*2*	3	0	12	7	*4*	1	1	0	2	28	0	1	1	1	4	11	11	1	0
Yorks., W. Riding.	Harrogate ..		13	478	1010·6	-	62·3	5·6	13·0	69	7·2	0	3	7	15	5	0	0	*0*	0	0	5	10	*10*	2	3	0	3	27	0	0	2	3	4	4	15	2	0
			18	478	1010·5	-	61·0	4·5	13·6	74	7·2	1	5	3	14	7	0	0	*0*	0	1	4	6	*9*	4	6	0	3	26	1	0	2	4	2	8	11	2	0
Nottingham.	Nottingham ..		9	215	1011·1	-	60·8	4·0	14·1	77	6·6	2	3	9	10	6	0	0	0	1	2	0	9	10	*8*	*0*	0	2	28	0	1	1	4	2	11	5	6	0
			7	542	1011·9	-	55·1	2·4	12·8	85	7·2	0	5	4	11	10	0	0	0	0	3	3	6	5	*13*	*0*	0	5	24	1	0	2	3	3	10	9	2	0
Warwick.	Birmingham	H	13	542	1011·4	-	63·1	6·6	13·0	65	7·5	0	1	7	18	4	0	0	0	0	1	0	6	1	*22*	*0*	0	8	22	0	1	0	2	4	13	7	3	0
			18	542	1011·0	-	63·1	6·5	13·0	66	6·9	0	4	7	13	6	0	0	0	0	0	2	3	0	*25*	*0*	0	6	23	1	1	0	2	3	10	8	3	2
Oxford.	Oxford ..	..	9	212	1012·8	-4·2	61·0	4·5	13·6	73	7·0	3	2	7	8	10	0	0	*0*	0	1	0	8	4	17	*0*	0	10	20	0	0	2	2	5	10	9	2	0
Shropshire.	Shrewsbury	H	9	186	1010·7	-	59·8	4·2	13·3	78	7·0	1	1	12	8	8	0	0	0	0	1	0	7	0	22	*0*	0	14	14	2	1	1	3	2	12	6	3	0
			7	226	1011·4	-	56·6	2·4	13·4	85	6·8	0	7	5	10	8	*0*	*0*	0	0	1	3	5	14	7	*0*	0	4	25	1	1	1	3	1	9	10	3	1
Hereford.	Ross-on-Wye	H	13	226	1011·2	-	63·9	6·2	13·9	68	7·3	0	3	7	16	4	*0*	*0*	0	0	0	0	3	9	18	*0*	0	10	20	0	0	1	4	2	8	10	5	0
			18	226	1011·0	-	62·5	5·6	13·7	71	7·2	0	4	6	16	4	*0*	*0*	0	0	0	0	3	5	22	*0*	0	8	21	1	1	0	2	3	6	10	6	1
			21	226	1011·7	-	57·9	3·0	13·7	82	6·4	0	10	3	11	6	*0*	*0*	0	0	0	2	4	11	13	*0*	0	4	26	0	0	1	4	3	7	11	4	0
			9	230	1012·2	-	61·7	4·8	13·8	73	6·8	2	2	8	11	7	0	*0*	0	0	2	3	6	9	*10*	0	0	3	27	0	0	0	0	0	7	12	**10**	1
Gloucester.	Cheltenham	H	21	230	1012·5	-	59·0	3·2	13·9	81	6·9	0	6	5	12	7	0	*0*	0	0	2	1	8	6	*13*	0	0	1	29	0	0	0	0	0	5	18	7	0
5. ENGLAND, S.E.																																					
			9	152	1013·6	-3·3	62·6	4·6	14·7	75	7·1	4	2	2	11	11	0	0	0	0	1	2	12	14	1	*0*	0	9	21	0	1	1	2	5	5	14	2	0
London.	*g*Greenwich	H	15	152	1013·0	-3·2	67·5	7·6	14·5	64	6·8	2	5	2	14	7	0	0	0	0	0	0	3	16	11	*0*	0	19	11	0	0	0	4	2	7	14	3	0
			21	152	1013·7	-3·1	58·2	3·0	13·8	82	5·2	2	12	4	6	6	0	0	0	0	0	1	14	9	6	*0*	0	5	25	0	0	0	6	1	8	12	3	0
			h.*	152	1013·3	-3·4	60·6																														
			7	34	1013·4	-3·6	58·7	2·9	14·0	83	6·9	6	1	3	9	11	0	0	0	0	0	0	9	4	10	7	*0*	0	3	23	4	0	0	6	0	5	13	2	0
			13	34	1013·3	-3·2	66·6	7·5	14·0	63	7·6	3	0	5	16	6	0	0	0	0	0	0	3	8	19	*0*	0	15	15	0	0	0	4	1	5	17	2	1
London.	Kew Observatory	H	18	34	1012·9	-3·2	65·6	6·9	14·1	65	7·0	2	3	6	12	7	0	0	0	0	0	0	5	5	20	*0*	0	9	21	0	0	0	7	1	4	14	3	1
			21	34	1013·6	-3·2	60·1	3·9	13·8	78	5·5	2	10	5	8	5	0	0	0	0	0	3	6	12	9	*0*	0	6	24	0	0	0	7	0	7	12	4	0
			h.*	34	1013·3	-3·4	61·3	4·6	13·9	76																												
			9	66	1013·9	-	62·1	4·9	13·7	73	6·6	5	3	2	10	10	0	0	0	0	2	*6*	14	4	*4*	*0*	0	2	28	0	0	2	2	4	2	18	4	0
London.	Kensington ..	..	15	—	-	-	66·7	7·8	13·7	61	6·1	4	2	8	12	4	-	-	-	-	-	-	-	-	-	-	0	4	26	0	0	0	2	3	4	18	2	1
			18	—	-	-	65·6	7·3	13·6	63	6·5	4	2	8	5	11	-	-	-	-	-	-	-	-	-	-	0	3	27	0	0	1	3	2	3	17	3	1
London.	Stroud Green ..		7	237	1013·7	-	57·3	2·3	13·6	85	7·0	4	3	2	8	13	0	0	1	0	1	5	10	13	*0*	*0*	0	2	27	1	0	4	5	1	3	15	1	0
			1	225	1013·2	-	55·0	1·2	13·3	92	5·3	5	7	5	4	9	0	0	0	0	0	2	6	10	*12*	*0*	0	6	24	0	1	2	4	2	11	8	2	0
Surrey.	Croydon Aero.	H	7	225	1013·2	-	57·5	2·3	14·8	87	6·7	3	5	3	7	12	0	0	0	0	0	3	7	9	*11*	*0*	0	5	25	0	2	3	2	4	10	8	1	0
			13	225	1013·6	-	65·6	7·0	14·0	66	7·0	0	5	2	20	3	0	0	0	0	0	0	3	4	*21*	*2*	0	15	15	0	0	2	2	2	13	9	1	1
			18	225	1012·7	-	63·5	5·6	14·2	70	6·5	2	4	8	10	6	0	0	0	0	0	0	5	1	*23*	*1*	0	13	17	0	0	1	5	2	10	9	3	0
Surrey.	Wisley ..	..	9	85	1013·0	-	62·7	4·7	14·6	74	6·8	2	5	4	10	9	0	0	0	0	0	0	12	18	*0*	*0*	0	5	25	0	0	0	1	6	5	17	1	0

* Mean of hourly readings. *g* Temperature from thermometers on a Glaisher stand.

TABLE IV (*continued*).—SUMMARY of the OBSERVATIONS of PRESSURE, TEMPERATURE, HUMIDITY, CLOUD, VISIBILITY and WIND at fixed hours at certain Stations during the month of JUNE, 1935

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.	4 to 7	1 to 3	Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
5. ENGLAND, S.E.—*cont.*		G.M.T.	ft.	mb.	mb.	°F.	°F.	mb.	%																										
		7	572	1013·9	-	56·4	2·2	13·6	86	6·9	4	5	1	8	12	0	0	0	1	2	3	6	*12*	6	*0*	0	5	22	3	0	2	2	4	8	11	0	0
Kent.	Biggin Hill H	13	572	1013·7	-	63·3	6·2	13·5	68	7·2	1	4	2	17	6	0	0	0	0	0	1	1	*8*	19	*1*	0	14	16	0	0	2	3	2	10	12	1	0
		18	572	1013·5	-	60·8	4·7	13·8	73	6·4	1	5	6	13	5	0	0	0	1	0	0	3	*4*	20	*2*	0	10	20	0	0	3	2	3	8	12	2	0
		7	—	-	-	56·7	1·4	14·5	91	6·3	2	5	4	13	6	*0*	0	0	0	2	6	13	*9*	*0*	0	0	11	19	0	1	4	2	1	5	15	1	1
Kent.	Dungeness ..	13	—	-	-	61·8	3·5	15·2	81	5·9	3	7	5	10	5	*0*	0	0	2	0	5	10	*13*	*0*	0	0	14	16	0	0	5	2	1	1	21	0	0
		18	—	-	-	59·3	2·5	14·5	85	6·1	2	8	2	14	4	0	0	2	1	0	2	8	*17*	*0*	0	0	12	18	0	0	6	1	1	3	19	0	0
		1	345	1014·5	-	54·5	1·5	13·3	90	5·3	4	7	5	7	7	0	0	2	*1*	0	3	*8*	8	5	3	0	6	24	0	1	1	6	3	4	8	5	2
		7	345	1014·6	-	56·9	2·2	13·9	87	7·0	3	5	1	9	12	0	0	2	*0*	1	3	*7*	13	4	0	0	9	18	3	0	1	4	2	4	13	3	0
Kent.	Lympne .. H	13	345	1014·7	-	63·7	5·3	14·6	72	6·1	2	7	4	12	5	0	0	0	*0*	0	0	*4*	11	15	0	0	15	15	0	0	2	2	4	3	18	1	0
		18	345	1014·3	-	60·6	4·3	13·8	76	6·1	2	8	3	10	7	0	1	0	*0*	1	0	*4*	8	16	0	0	11	19	0	0	5	2	2	3	14	4	0
		7	141	1013·9	-	57·7	2·5	13·9	85	6·3	3	7	1	9	10	0	0	0	0	0	1	5	*21*	*3*	*0*	0	12	17	1	1	0	2	7	5	11	3	0
Kent.	Manston	13	141	1014·0	-	64·1	5·5	14·6	71	6·5	4	3	3	15	5	0	0	0	0	0	0	5	*16*	*9*	*0*	0	20	10	0	0	3	3	4	6	12	1	1
		18	141	1013·5	-	61·6	4·7	13·9	74	5·7	1	8	6	13	2	0	0	0	0	0	0	2	*17*	*11*	*0*	0	21	9	0	0	3	4	3	8	11	1	0
Kent.	Tunbridge Wells ..	9	407	1014·2	-	61·4	3·9	14·2	77	6·5	3	5	2	12	8	0	0	*0*	0	0	1	5	13	11	*0*	0	4	26	0	0	2	1	3	8	12	3	1
Sussex.	Brighton .. H	9	48	1014·7	-	59·6	3·0	14·6	84	6·1	5	5	3	8	9	0	0	0	0	0	2	7	8	13	*0*	0	3	27	0	0	2	1	5	7	11	4	0
		9	174	1014·2	-	60·5	3·7	14·3	80	5·7	7	2	6	10	5	0	0	0	0	3	3	17	*5*	*2*	*0*	0	10	20	0	0	2	1	4	4	19	0	0
Sussex.	St. Leonards H	21	174	1013·9	-	57·3	2·3	13·8	86	6·0	3	5	7	6	9	0	0	0	0	1	4	19	*3*	*2*	*1*	0	9	15	6	0	4	1	3	0	14	1	1
		7	15	1013·5	-	57·6	1·9	14·4	88	6·9	3	3	3	11	10	0	0	0	0	0	2	7	9	12	*0*	0	18	12	0	1	1	4	3	11	10	0	0
Hampshire.	Calshot	13	15	1013·8	-	61·5	3·7	14·9	80	6·7	0	5	8	11	6	0	0	0	0	0	1	4	8	17	*0*	0	22	8	0	0	0	0	4	5	13	7	1	0
		18	15	1013·3	-	60·3	3·2	14·4	81	6·7	1	5	7	9	8	0	0	0	0	1	2	3	6	18	*0*	0	18	11	1	0	0	4	5	10	9	1	0
		9	84	1013·5	-3·6	59·4	3·0	14·0	82	5·8	8	2	5	3	12	0	0	0	0	2	*12*	16	0	0	*0*	0	1	25	4	0	1	1	3	1	17	3	0
Hampshire.	Southampton ..	21	84	1013·6	-3·4	59·4	3·1	13·9	81	7·1	3	2	4	8	13	0	0	0	1	1	*4*	24	0	0	*0*	0	2	22	6	0	1	3	1	0	17	1	1
		7	256	1013·2	-	57·7	2·5	14·0	85	7·1	0	7	3	10	10	0	0	0	0	1	3	12	11	*3*	*0*	0	6	23	1	0	2	2	5	6	12	2	0
Hampshire.	S. Farnborough H	13	256	1013·0	-	65·8	7·3	13·8	64	7·4	0	3	5	18	4	0	0	0	0	0	0	3	21	*6*	*0*	0	14	16	0	0	2	2	4	7	12	3	0
		18	256	1012·7	-	63·4	6·1	13·6	69	6·6	1	5	7	11	6	0	0	0	0	0	2	2	15	*10*	*1*	0	10	19	1	0	0	3	3	10	10	3	0
		9	80	1013·7	-	59·4	2·3	14·7	86	6·2	2	8	5	4	11	-	-	-	-	-	-	-	-	-	-	0	11	19	0	0	0	7	1	1	7	14	0
I. of Wight.	Ventnor (Hosp.) ..	15	80	1013·5	-	61·3	3·3	14·8	81	6·3	1	6	9	5	9	-	-	-	-	-	-	-	-	-	-	0	10	20	0	0	0	7	1	0	11	11	0
		7	418	1012·8	-	56·0	1·7	13·9	89	7·6	1	4	1	12	12	0	0	0	1	0	5	10	11	*3*	*0*	0	9	20	1	0	1	3	3	11	8	3	0
Wilts.	Amesbury H	13	418	1012·5	-	63·5	5·9	14·0	69	8·0	0	2	4	16	8	0	0	0	0	0	0	6	13	*11*	*0*	0	19	10	1	0	0	1	4	12	10	1	1
	(Boscombe Down)	18	418	1012·3	-	61·1	4·4	14·0	77	7·3	0	3	7	10	10	0	0	0	0	0	1	8	8	*13*	*0*	0	12	17	1	0	0	1	6	10	6	5	1
		9	444	1012·9	-	59·7	3·7	14·0	79	7·4	0	3	7	12	8	0	0	0	0	0	0	6	7	17	*0*	0	9	21	0	0	1	3	3	5	12	6	0
Wilts.	Larkhill .. H	13	444	1012·7	-	63·3	6·0	13·8	69	6·9	0	4	8	10	8	0	0	0	0	0	0	3	7	20	*0*	0	15	15	0	0	0	2	4	10	12	1	1
		15	444	1012·5	-	62·3	5·4	13·7	72	7·7	0	3	5	12	10	0	0	0	0	0	0	4	4	22	*0*	0	14	16	0	0	1	3	4	9	8	5	0
7a. ENGLAND, N.W.																																			
Lancashire.	Hutton	9	86	-	-	60·0	3·7	13·8	79	6·3	2	3	11	7	7	-	-	-	-	-	-	-	-	-	-	0	2	28	0	0	4	3	5	9	5	4	0
		7	83	1010·8	-	56·2	2·4	13·3	85	7·1	3	4	3	11	9	0	0	0	1	1	4	13	10	1	0	0	9	20	1	1	0	3	4	10	7	3	1
Lancashire.	Manchester H	13	83	1010·4	-	64·3	6·9	13·5	65	7·7	0	2	7	13	8	0	0	0	0	0	*1*	7	7	15	0	0	15	14	1	1	1	2	2	9	7	5	2
	(Barton)	18	83	1010·2	-	63·2	5·9	13·8	70	6·7	0	6	6	14	4	0	0	0	0	1	*2*	4	8	15	0	0	13	17	0	2	1	2	1	8	9	5	2
Lancashire.	Manchester (Whitworth Pk.)	9	127	1010·8	-	58·3	3·6	12·8	78	6·5	0	6	6	17	1	-	-	-	-	-	-	-	-	-	-	0	3	23	4	0	1	1	7	9	4	3	1
		21	127	1010·7	-	61·4	4·9	13·2	72	6·2	0	5	10	15	0	-	-	-	-	-	-	-	-	-	-	0	1	28	1	1	1	1	9	7	6	4	0
		9	34	1010·4	-6·4	60·2	4·3	13·7	75	7·4	2	3	3	11	11	0	0	0	0	0	10	4	5	11	*0*	0	11	19	0	2	0	3	8	8	3	5	1
Lancashire.	Southport * H	13	34	1010·2	-6·5	63·2	5·9	13·8	69	7·9	0	3	4	15	8	0	0	0	0	0	3	5	8	14	*0*	0	14	16	0	2	1	2	3	10	4	6	2
	(Bedford Rd. Park)	18	34	1010·1	-6·2	61·7	5·0	13·9	73	7·6	0	5	4	11	10	0	0	0	0	0	4	5	8	13	*0*	0	11	16	3	1	0	3	1	5	4	8	5
		21	34	1010·8	-6·0	57·5	3·0	13·4	82	7·6	0	6	0	16	8	0	0	0	0	1	9	4	11	5	*0*	0	8	19	3	1	2	5	2	6	5	4	2
Lancashire.	Stonyhurst ..	9	381	1010·8	-	58·8	4·1	12·9	76	7·4	2	2	5	10	11	0	0	0	0	0	2	19	*4*	*5*	*0*	0	12	18	0	1	5	2	1	9	6	5	1
		21	381	1011·1	-	56·5	2·6	13·3	84	5·8	1	11	2	8	8	0	0	0	0	0	0	13	*13*	*4*	*0*	0	3	22	5	1	5	2	1	4	3	8	1
		7	202	1010·5	-5·8	55·3	2·3	12·6	85	6·9	2	3	7	10	8	*0*	0	0	0	1	3	4	*5*	15	2	0	7	23	0	0	0	5	9	7	2	4	3
Cheshire.	Bidston Obs'y. ..	13	202	1010·2	-	62·0	5·4	13·2	70	6·9	0	5	5	16	4	*0*	0	0	1	0	0	1	*12*	9	7	0	14	15	1	2	1	1	7	5	2	5	6
		18	202	1010·8	-	61·2	5·2	12·9	71	6·9	0	3	8	16	3	*0*	0	0	0	0	1	3	*4*	10	12	0	13	16	1	1	1	2	5	4	3	6	7
		21	202	1010·9	-	57·2	3·2	12·7	80	6·5	0	6	8	10	6	*0*	0	0	0	0	1	1	*12*	9	7	0	9	19	2	1	1	2	6	5	5	5	3
7b. NORTH WALES.																																			
		7	19	1010·6	-	56·3	2·5	13·2	84	6·6	0	6	7	9	8	0	0	0	0	2	5	12	*7*	*4*	*0*	0	4	26	0	0	1	0	11	10	4	2	2
Flint.	Sealand .. H	13	19	1010·3	-	64·5	6·4	14·0	67	7·3	0	3	8	11	8	0	0	0	0	1	1	7	*7*	*10*	*4*	0	11	19	0	0	0	2	6	9	5	2	6
		18	19	1010·2	-	62·5	5·6	13·6	70	7·0	0	5	5	17	3	0	0	0	0	1	2	4	*12*	*9*	*2*	0	8	22	0	1	0	2	4	8	7	3	5
		1	29	1009·4	-	53·9	1·2	13·1	92	7·2	0	5	6	9	10	0	0	0	0	2	1	6	10	11	0	0	9	19	2	2	0	4	1	12	7	1	1
		7	29	1009·0	-7·3	54·7	1·6	13·1	90	8·0	1	3	2	11	13	0	0	0	0	3	0	8	4	14	1	0	13	14	3	1	2	2	2	12	5	2	1
Anglesey.	Holyhead .. H	13	29	1009·3	-	58·2	2·8	13·8	83	7·2	0	7	4	6	13	0	0	1	0	0	1	3	10	12	3	0	18	12	0	3	0	1	3	10	10	1	2
		18	29	1009·4	-	57·0	2·6	13·4	84	7·3	0	3	8	12	7	0	0	0	0	1	1	3	6	15	4	0	14	16	0	3	2	1	0	12	9	1	2
Carnarvon.	Llandudno ..	9	33	1009·8	-	58·7	3·5	13·5	79	7·2	0	4	4	18	4	0	0	0	1	0	2	2	2	*20*	*3*	0	4	26	0	2	1	3	4	11	5	4	0
8a. SOUTH WALES.																																			
		1	152	1009·5	-	54·1	1·1	13·2	93	7·4	0	6	6	5	13	1	4	0	1	1	*0*	1	19	3	*0*	0	14	15	1	0	2	2	3	5	9	7	1
		7	152	1008·9	-7·4	54·7	1·4	13·4	91	8·4	0	2	4	10	14	0	2	2	1	0	*0*	9	14	2	*0*	0	14	16	0	2	1	1	6	5	7	7	1
Pembroke.	St. Ann's Head ..	13	152	1009·5	-	57·4	2·4	13·5	85	7·4	0	2	10	10	8	0	2	1	0	2	*1*	5	15	4	*0*	0	18	12	0	1	2	0	4	7	9	6	1
		18	152	1009·5	-	56·3	2·0	13·4	87	8·2	0	0	6	16	8	0	2	0	0	0	*0*	6	17	5	*0*	0	15	15	0	1	2	0	4	5	10	6	2

*Visibility at Hesketh Park; 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 month of JUNE, 1935

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.	4 to 7	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.	%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8a. SOUTH WALES—*cont.*																																		
Radnor. Rhayader	9	—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Glamorgan. Cardiff	9	216	1011·6	-	59·6	3·5	14·0	79	7·3	2	0	9	9	10	0	0	0	0	1	4	7	*11*	*7*	*0*	0	10	20	0	0	2	5	0	9	7	7	0
	21	216	1012·1	-	57·6	2·2	14·2	86	6·5	1	8	4	5	12	0	0	0	2	3	4	15	*6*	*0*	*0*	0	0	30	0	0	0	4	3	4	11	7	1
8b. ENGLAND, S.W.																																		
Somerset. Bath	9	113	1012·0	-	61·7	4·7	14·0	73	7·8	1	3	3	11	12	0	0	0	0	0	4	*14*	*7*	*5*	*0*	0	3	27	0	0	1	3	4	5	11	6	0
Dorset. Holton Heath H	9	58	1013·3	-	60·3	3·7	14·2	79	7·2	1	2	7	11	9	0	0	0	0	0	0	13	12	*3*	*2*	0	17	13	0	0	1	3	4	9	11	2	0
	15	58	1013·1	-	62·3	5·1	14·0	73	6·7	2	3	8	7	10	0	0	0	0	0	1	6	16	*6*	*1*	0	12	15	3	0	0	3	2	5	15	2	0
Dorset. Portland Bill ..	1	37	1012·2	-	55·3	1·3	13·5	91	7·2	2	6	1	8	13	0	0	2	*1*	0	0	*3*	*13*	*11*	*0*	0	17	13	0	1	1	5	1	6	7	9	0
	7	37	1012·6	-3·7	55·8	1·3	14·0	91	7·0	3	0	6	13	8	0	0	2	*0*	0	0	*4*	*18*	*6*	*0*	0	21	9	0	0	1	5	1	7	11	4	1
	13	37	1013·1	-	57·0	1·6	14·3	90	7·3	1	2	7	9	11	0	0	2	*1*	0	0	*3*	*15*	*9*	*0*	0	18	12	0	1	0	7	1	6	14	1	0
	18	37	1012·7	-	57·1	1·8	14·1	89	7·3	1	3	6	10	10	0	1	0	*1*	0	0	4	*15*	*9*	*0*	0	16	14	0	1	1	6	0	6	10	5	1
Devon. Plymouth (Mount Batten) H	7	27	1011·7	-	56·3	1·4	14·2	91	7·9	0	3	2	16	9	0	0	2	1	0	3	8	12	4	*0*	0	12	16	2	1	0	3	3	9	8	4	0
	13	27	1012·0	-	60·3	3·3	14·6	82	8·3	0	3	1	17	9	0	0	2	1	0	3	4	5	15	*0*	0	13	15	1	0	0	2	5	12	9	1	0
	18	27	1012·0	-	59·2	2·9	14·3	83	7·9	0	2	5	16	7	0	0	1	1	0	3	6	4	13	*2*	0	19	9	2	2	0	4	1	7	9	4	1
Cornwall. The Lizard ..	1	240	1011·8	-	54·0	0·4	13·8	97	6·4	2	6	6	6	10	0	0	3	1	0	0	3	*5*	*18*	0	0	21	9	0	2	3	2	1	6	13	3	0
	7	240	1011·3	-	54·5	0·5	14·3	97	7·6	0	2	7	11	10	0	1	3	1	0	0	3	*4*	*18*	0	0	21	7	2	3	0	2	4	8	8	3	0
	13	240	1012·0	-	58·1	1·5	14·9	91	7·5	0	4	6	8	12	0	0	4	0	0	0	3	*7*	*16*	0	0	22	8	0	1	2	3	3	8	8	5	0
	18	240	1012·0	-	57·0	1·2	14·7	92	7·4	0	3	8	10	9	0	0	3	1	1	0	2	*8*	*15*	0	0	21	9	0	2	2	2	3	6	8	6	1
Cornwall. Newquay ..	9	161	1011·2	-	57·9	2·6	13·8	84	7·3	1	4	5	7	13	0	0	0	0	0	9	1	*8*	11	*1*	0	19	10	1	0	1	1	6	8	6	5	2
9. IRELAND, N.																																		
Sligo. Markree Castle ..	9	127	1007·3	-	55·6	2·2	13·2	86	6·9	1	1	11	10	7	0	*0*	0	0	0	*0*	*7*	6	17	*0*	0	3	23	4	1	0	0	7	11	2	0	5
	21	127	1008·0	-	54·7	2·1	13·3	87	7·3	1	4	4	10	11	0	*0*	0	0	0	*0*	*4*	4	22	*0*	0	0	23	7	1	2	0	4	7	4	1	4
Mayo. Blacksod Point ..	1	28	1007·0	-	53·2	1·7	12·1	89	3·6	0	2	9	6	13	0	0	0	0	0	0	0	17	13	*0*	0	10	14	6	3	1	1	1	8	3	4	3
	7	28	1006·7	-	54·0	1·7	12·6	89	8·2	0	1	7	8	14	0	0	0	0	0	0	0	8	22	*0*	0	16	12	2	3	1	6	3	3	3	8	1
	13	28	1007·0	-	57·4	3·4	12·5	79	7·8	0	0	12	5	13	0	0	0	0	0	0	1	9	19	*1*	0	18	11	1	3	1	3	4	5	4	8	1
	18	28	1007·0	-	56·7	2·9	13·0	82	7·7	0	3	8	7	12	0	0	0	0	0	0	0	11	17	*2*	0	20	10	0	4	2	1	3	7	4	6	3
Donegal. Malin Head ..	1	83	1006·9	-	52·3	1·5	11·8	89	7·9	0	5	0	16	9	0	0	0	0	0	0	3	13	13	*1*	0	6	24	0	3	0	4	5	13	1	4	0
	7	83	1006·6	-8·3	53·3	1·7	12·1	88	8·7	0	2	0	20	8	0	0	0	0	0	0	2	15	13	*0*	0	12	18	0	5	0	6	2	11	1	4	1
	13	83	1007·2	-	56·2	2·3	13·1	85	7·5	0	3	4	20	3	0	0	0	0	0	0	5	8	16	*1*	0	11	19	0	4	2	7	2	6	2	5	2
	18	83	1007·1	-	55·8	2·2	13·2	86	7·5	0	4	3	22	1	0	0	0	0	0	0	5	5	19	*1*	0	13	17	0	5	2	10	1	4	1	6	1
Antrim. Aldergrove H	7	245	1008·2	-	53·4	1·8	12·3	88	9·0	0	0	1	19	10	0	0	0	0	0	0	6	2	8	12	2	0	5	25	0	1	2	3	5	9	3	3	4
	13	245	1008·1	-	59·2	4·4	12·9	75	8·2	0	1	4	15	10	0	0	0	0	0	4	4	5	7	10	0	15	13	2	1	2	1	5	9	5	3	2
	18	245	1008·1	-	58·7	4·1	12·9	76	8·4	0	2	1	20	7	0	0	0	0	0	1	3	7	13	6	0	8	19	3	2	1	5	6	4	6	2	1
Down. Donaghadee ..	7	26	1008·3	-7·8	53·3	1·8	12·1	87	7·7	2	0	10	17	1	0	0	0	1	0	0	3	*9*	*17*	*0*	0	4	26	0	4	2	1	4	11	5	3	0
	13	26	1008·6	-	56·6	3·0	12·9	81	7·4	1	1	7	20	1	0	0	0	0	0	2	*11*	*17*	*0*	0	2	27	1	2	2	1	5	12	4	3	0
	18	26	1008·3	-	57·4	3·4	12·5	79	7·1	0	2	10	17	1	0	0	0	0	0	2	*5*	*23*	*0*	0	2	27	1	3	2	1	4	10	6	2	1
	21	26	1008·7	-	54·0	2·1	12·2	86	7·3	0	0	11	17	2	0	0	0	0	0	3	*7*	*20*	*0*	0	1	29	0	3	2	1	4	11	4	4	1
Armagh. Armagh .. H	9	209	1007·7	-8·2	57·0	3·3	12·7	80	6·8	1	4	8	8	9	*0*	*0*	0	0	0	*3*	*3*	22	*2*	0	2	27	1	2	3	1	6	8	5	3	1
	21	209	1008·4	-7·5	54·7	2·6	12·3	83	7·2	0	6	5	8	11	*0*	*0*	0	0	0	*1*	*6*	23	*0*	0	3	26	1	3	1	2	5	10	7	1	0
10. IRELAND, S.																																		
Dublin. Glasnevin	9	56	(1008·7)	-	58·7	3·9	13·1	77	7·0	1	0	15	5	9	0	0	*0*	*1*	*1*	*4*	*2*	*2*	*20*	*0*	0	3	27	0	0	5	7	3	0	4	9	2
	21	56	(1009·3)	-	57·2	2·9	13·0	82	6·5	1	0	15	8	6	0	0	*0*	*0*	*3*	*1*	*4*	*0*	*22*	*0*	0	0	30	0	0	1	6	2	1	6	11	3
Offaly. Birr Castle ..	7	193	1007·7	-8·6	53·2	1·2	12·6	91	8·2	0	4	2	9	15	0	*0*	0	0	0	*0*	*0*	*20*	*20*	*0*	0	0	30	0	2	2	2	4	12	7	1	0
	13	193	1007·9	-	61·1	5·0	13·1	71	8·6	0	0	2	22	6	0	*0*	0	0	0	*0*	*0*	*2*	*28*	*0*	0	0	30	0	3	1	1	3	11	4	5	2
	18	193	1008·0	-	60·9	4·8	13·3	73	8·6	0	0	3	19	8	0	*0*	0	0	0	*0*	*0*	*2*	*28*	*0*	0	0	30	0	2	1	1	2	13	4	5	2
Waterford. Seskin, Carrick-on-Suir	9	521	1008·4	-	55·7	2·1	13·3	87	7·2	0	6	4	6	14	0	0	1	*0*	1	0	6	*1*	9	12	0	12	17	1	3	0	2	2	11	1	7	3
	21	521	1009·6	-	53·3	1·2	12·6	91	7·2	0	3	8	12	7	0	0	2	*1*	2	0	2	*7*	4	12	0	13	12	5	0	0	0	3	10	3	6	3
Kerry. Valentia Observatory H	7	45	1007·8	-8·6	55·0	2·1	12·7	87	8·1	0	3	3	14	10	0	0	0	1	0	0	*3*	6	*16*	*4*	0	15	14	1	3	2	2	4	6	5	6	1
	13	45	1008·5	-8·3	58·8	3·6	13·3	79	7·6	0	2	8	11	9	0	0	0	0	0	0	*3*	2	*21*	*4*	0	24	6	0	0	3	1	3	8	4	8	3
	18	45	1008·6	-7·9	57·7	3·0	13·3	82	7·8	0	3	6	9	12	0	0	0	0	0	0	*3*	5	*18*	*4*	0	22	8	0	2	3	0	1	9	6	8	1
	21	45	1008·9	-8·1	55·4	2·2	12·8	86	7·6	0	4	5	10	11	0	0	0	0	1	0	*3*	5	*16*	5	0	12	18	0	2	2	0	2	9	5	6	4
	h.*	45	1008·3	-8·4	56·1	2·5	12·9	84																											
Cork. Roche's Point ..	7	24	1009·0	-7·6	54·2	1·6	12·7	89	7·2	0	3	10	10	7	0	0	1	1	1	1	1	*2*	*21*	*2*	0	6	24	0	3	2	0	3	6	6	7	3
	13	24	1009·5	-	58·7	2·9	14·1	83	7·7	0	1	7	18	6	0	0	0	0	2	0	2	*2*	*17*	*7*	0	6	24	0	2	1	0	5	4	10	6	2
	18	24	1009·3	-	57·4	2·2	13·7	86	7·9	0	1	7	14	8	0	0	1	0	1	2	2	*2*	*16*	*6*	0	6	24	0	4	0	0	5	3	11	5	2
11. CHANNEL I. & SCILLY.																																		
Scilly. St. Mary's	1	199	1011·2	-	53·3	0·5	13·2	97	6·6	1	8	5	6	10	0	4	2	0	0	1	2	*12*	*9*	0	0	16	14	0	3	1	1	2	5	11	7	0
	7	199	1010·7	-5·7	54·2	0·9	13·4	94	7·9	0	1	7	10	12	0	4	1	1	2	0	1	*13*	*8*	0	0	18	12	0	2	2	0	3	7	10	4	2
	13	199	1011·4	-	59·2	2·4	14·6	85	7·5	0	4	6	11	9	0	0	1	3	0	2	6	*8*	*10*	0	0	24	6	0	1	1	0	4	6	10	5	3
	18	199	1011·5	-	56·4	1·6	13·7	90	8·0	0	4	2	14	10	0	2	1	1	1	2	7	*7*	*9*	0	0	23	7	0	2	1	1	3	5	10	7	1
Guernsey. St. Peter Port H	1	186	1013·7	-	55·2	1·0	13·8	93	5·0	9	1	9	3	8	0	0	0	0	1	0	1	*22*	*6*	0	0	9	10	11	0	0	0	1	3	10	5	0
	7	186	1013·5	-	57·0	1·7	14·2	89	7·3	3	0	8	7	12	0	0	0	2	0	2	4	*11*	*9*	0	0	13	13	4	0	1	3	1	7	10	4	0
	13	186	1013·8	-	61·7	3·4	15·3	81	6·7	1	3	13	3	10	0	0	0	1	3	1	3	*10*	*12*	0	0	15	7	8	0	1	2	0	5	9	5	0
	18	186	1013·4	-	60·1	3·0	14·5	82	6·7	1	2	14	4	9	0	0	0	0	1	1	1	*14*	*13*	0	0	14	14	2	0	2	4	3	2	7	8	2
GIBRALTAR .. .. H	7	90	1018·0	+0·4	64·3	4·3	15·9	80	3·1	3	15	5	7	0	0	0	0	0	*0*	0	*1*	*9*	20	0	0	2	26	2	0	0	8	2	1	0	16	1
	13	90	1017·8	-	74·4	10·2	18·0	55	2·2	9	12	6	2	1	0	0	0	0	*0*	0	*0*	*4*	28	0	0	6	23	1	0	0	10	2	3	7	7	0
	18	90	1016·6	-	74·9	10·7	15·9	55	2·0	12	12	3	2	1	0	0	0	0	*0*	0	*2*	*6*	22	0	0	4	26	0	0	0	8	5	2	5	10	0
	21	90	1017·8	-	67·2	6·0	15·9	70	1·8	12	11	6	1	0	0	0	0	0	*0*	*2*	*12*	18	0	0	2	26	2	0	0	7	4	3	3	11	0	
MALTA .. .. H	7	234	1016·7	+0·8	74·0	7·3	19·3	67	1·9	13	11	2	4	0	0	0	0	0	0	0	0	2	*28*	*0*	0	2	28	0	8	5	2	2	5	0	1	7
	13	234	1016·7	-	78·7	11·2	18·1	55	1·3	13	13	2	2	0	0	0	0	0	0	0	0	1	*28*	*1*	0	3	27	0	6	13	4	3	2	0	0	2
	18	234	1016·2	-	75·1	8·3	18·8	64	1·8	13	11	2	4	0	0	0	0	0	0	0	0	0	*30*	*0*	0	1	29	0	10	4	2	2	1	1	3	7

* Mean of hourly readings.

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 temperature 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:—*Royal Observatory, Greenwich.*—A Glaisher stand is used. *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.

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 Gale 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 arrangement 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.

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—Rhayader (9), Tavistock (17), Plymouth (15), Balbriggan (25), Newcastle, Co. Wicklow (30).

"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*), *Pressure* (*Table IV*).—The averages refer to the period 1881–1915 and are "weighted" if the record is not complete for that period.

Temperature and Sunshine (*Table III*).—The averages refer to periods of from 10 to 30 years ending 1930, the actual period for each station being stated in the Introduction. Differences from 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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MONTHLY WEATHER REPORT OF THE METEOROLOGICAL OFFICE

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

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VOL. 52. NO. 7. ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE

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JULY, 1935.—Sunny and warm; very dry on the whole.

The weather of the month was distinguished by an almost universal excess of sunshine, a large deficiency of rainfall except at some stations in the west and north of Scotland and an unusual number of warm days, particularly in south and east England.

A shallow depression moving from north-west France to the North Sea caused widespread thunderstorms with heavy rain in south-east England on the night of the 1st to 2nd. Meanwhile from the 1st—5th, depressions moving north-east off our northern seaboard caused unsettled weather, with rain at times in the west and north, although little or no rain fell over most of England.

Subsequently an anticyclone moved eastward across England and fine, sunny weather prevailed generally until the 9th, when rain again fell in the west. From the 10th to 16th a belt of high pressure extended over a large part of the country, but secondaries to depressions near Iceland caused some rain at times in the west and north, and thunderstorms occurred locally in southern England on the 11th and in northern England on the 14th. The period 9th to 16th was mainly very warm.

There ensued an unsettled and rather cool spell from the 17th to 21st caused by the eastward movement of Icelandic or Atlantic depressions and their associated troughs of low pressure. Heavy rain fell at times and thunderstorms were widespread in Great Britain on the 18th and occurred in south-east and east England on the 20th.

From the 23rd until the close of the month anticyclonic conditions prevailed for the most part in the south, while depressions to the northward of Scotland maintained rather unsettled conditions in the north. After the 28th, however, the anticyclone extended its influence northward, and fine weather, with abundant sunshine, was enjoyed almost everywhere.

Pressure and Wind.—Mean pressure everywhere exceeded the average, the excess being greatest in the south-west and west and least in the north of Scotland. The excess at 7h. varied from 5·8 mb. at Valentia to 1·4 mb. at Lerwick.

The strongest winds occurred on the whole between the 3rd and 5th and on the 27th and 28th. Gales were reported from one or two places in the north of Scotland on the 3rd, 4th, 27th and 28th, and locally in north-east England on the 4th and 27th and in north-west England on the 5th. Among the highest speeds registered in gusts were 63 m.p.h. at Kirkwall and 60 m.p.h. at Lerwick on the 28th, 57 m.p.h. at Butt of Lewis on the 9th and at Bidston Observatory on the 5th and 56 m.p.h. at Spurn Head on the 4th.

Temperature.—Mean temperature exceeded the average in all districts, the excess varying from 0·5°F. in Scotland, W. to 3·0°F. in England, S.E., and 3·1°F. in the Midlands.

The warmest period occurred generally from the 9th to 16th, with its peak around the 13th, but it was also warm from the 22nd or 23rd to the 28th. Temperature, on the 13th, rose to 92°F. at Attenborough, 91°F. at Worcester and 90°F. at Wakefield and Huddersfield. The number of warm days was unusual at some places in south-east and east England; for example, 80°F. was reached or exceeded on 13 days both at Rickmansworth and South Farnborough. The coolest spell was from the 17th to 21st, though the first week was rather cool in some parts, particularly in the west and north. Some low minimum temperatures were recorded on the 30th and 31st: at Rickmansworth, the reading 32°F. on the 31st. is the lowest temperature recorded there in July since records began in 1929. The extreme range for the month in England and Wales, 60°F., is noteworthy.

The extremes for the month were: (England and Wales) 92°F. at Attenborough on the 13th, 32°F. at Rickmansworth on the 31st; (Scotland) 84°F. at Liberton on the 13th, 34°F. at Dalwhinnie on the 30th; (Ireland) 81°F. at Newcastle, County Wicklow, on the 13th and 37°F. at Markree Castle on the 11th.

Precipitation.—The general precipitation of the British Isles expressed as a percentage of the normal for the period 1881—1915 was 41, the values for the constituent countries being England and Wales 30, Scotland 75 and Ireland 36.

In Scotland, rainfall exceeded the average in the Orkney and Shetland Islands, at a few places in the West Highlands and also around Aberdeen: elsewhere there was a deficiency, which was usually greatest in eastern and central districts. Less than 20 per cent. of the average was registered locally in County Cork and at a large number of stations scattered over England and Wales, while less than 10 per cent. was received at some places in England. It was the driest July at numerous stations since records are available (e.g., at Eastbourne since 1887, at Teignmouth since 1871, at Newquay since 1893 and at Holyhead since 1871). In marked contrast was the excess in the Shetland Islands, where Baltasound recorded about 300 per cent. of the average.

Local thunderstorms were reported at times, notably on the night of the 1st to 2nd, on the 11th, 14th, 18th and 20th.

Among the heaviest falls in 24 hours or less may be mentioned:

1st. 83 mm. at Exbury, Hants., 57 mm. at Winchester (nearly all of which fell in 2 hours) and 53 mm. at Southampton, during thunderstorms.

11th. 39 mm. in about 1½ hours during a thunderstorm at Long Ashton.

17th. 34 mm. at Bidston, Liverpool, mainly during a thunderstorm early on the 18th.

19th. 44 mm. at Borrowdale.

20th. 109 mm. at Baltasound, 86 mm. at Lerwick and 49 mm. at Deerness.

Sunshine.—One of the most striking features of the weather of the month was the excessive duration of bright sunshine. For districts 1—10 the percentage of the average amounted to 132. The greatest excess was enjoyed in the eastern and Midland districts of England and southern Scotland. (See Table I).

On the south-east and east coasts of England from Eastbourne to Lowestoft, nearly every station registered a daily average of more than 10 hours, while Dover had an average of 10·52 hours. At numerous places in Great Britain, it was the sunniest July since records began, and at Yarmouth it was the sunniest month of any name since records were started in 1908. At many English stations there was not a single sunless day.

Fog.—Local fog occurred in Scotland on the 1st, 2nd, 13th and 31st. It was thick over the Firth of Forth and adjoining countryside on the 1st and at Lerwick on the 13th. Local fog occurred at times in England and was experienced frequently on our south-west coasts, notably from the 3rd—6th, 10th—12th, 22nd—23rd and 27th—29th.

Miscellaneous Phenomena.—Solar halos were noted at Oxford on 12 days. A small whirlwind was observed at Chelmsford on the 10th and a waterspout at Beachy Head on the 19th.

METEOROLOGICAL OFFICE, AIR MINISTRY: G. C. SIMPSON, K.C.B., D.Sc., F.R.S., Director. South Kensington, S.W.7., 24*th August*, 1935.

40/9999.

TABLE I.—DISTRICT VALUES.— JULY, 1935 [1908, revised 1928.]

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.	78	34	+1·1	-	-	73	-2	124	32
Eastern.									
1. SCOTLAND, E.	84	35	+2·2	-	-	55	-3	142	43
2. ENGLAND, N.E.	89	35	+2·6	+3·9	+2·5	16	-8	144	48
3. ENGLAND, E.	89	32	+2·9	+3·1	+2·1	35	-8	143	57
4. MIDLAND COUNTIES ..	92	38	+3·1	+3·0	+2·5	14	-8	142	50
5. ENGLAND, S.E.	89	39	+3·0	+3·7	+2·2	52	-8	138	58
Western.									
6. SCOTLAND, W. (*and I. of Man*)	82	35	+0·5	+1·7	+0·8	56	-3	135	39
7. ENGLAND, N.W. (*and N. Wales*)	89	36	+1·4	+2·8	+2·4	41	-5	126	44
8. ENGLAND, S.W. (*and S. Wales*)	88	41	+2·5	+3·3	+2·1	31	-7	117	49
9. IRELAND, N. ..	76	37	+1·1	+1·7	+1·5	45	-3	113	34
10. IRELAND, S. ..	81	42	+1·3	+2·1	+1·1	30	-4	121	40
11. CHANNEL I. (*and Scilly*)	83	52	+1·7	+2·3	+0·9	33	-4	111	54
Mean : DISTRICTS 1—10	92	32	+2·1	+2·8	+1·9	37	-6	132	46

TABLE II.—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND.— JULY, 1935 [1914.]

DISTRICT AND STATION.	Height.			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.	
					hr.		hr.	hr.	hr.	hr.	hr.	°	mi/hr.	m/s.	day. hr.	mi/hr.	m/s.	d. h. m.	
0. SCOTLAND, N.	ft.	ft.	ft.																
Shetland. ‡Lerwick	310	53	39	28	5	17	171	335	206	27	0	300	41	18	28 15	60	27	28 01 30	
Orkney. Kirkwall	170	40	35	-	0	6	50	332	314	48	0	280	36	16	28 06	63	28	28 03 30	
Hebrides. Stornoway † ..	—	—	—	-	0	21	209	362	150	23	0	190	37	17	9 11	57	25	9 10 15	
1. SCOTLAND, E.																			
Aberdeen. Aberdeen	70	42	32	-	0	3	6	182	406	150	0	280	29	13	28 10	46	20	28 09 30	
Kincardine. Balmakewan ..	140	25	20	-	0	0	0	55	(389)	(300)	0	230	20	9	4 10	36	16	4 09 40	
Angus. Bell Rock Lighthouse	130	—	126	4	3	15	90	365	183	103	0	270	44	20	4 11	53	24	4 09 50	
Edinburgh. Edinburgh	485	39	23	-	0	1	2	156	396	190	0	280	25	11	4 08	41	18	4 08 15	
6a. SCOTLAND, W.																			
Argyll. Tiree	75	50	42	-	0	2	6	358	321	59	0	230	27	12	27 03	43	19	27 01 30	
Renfrew. Paisley	188	81	31	-	0	0	0	85	471	188	0	240	20	9	27 12	43	19	3 19 45	
Renfrew. Abbotsinch ..	65	46	33	-	0	2	2	174	386	182	0	240	27	12	27 11	47	21	20 15 40	
Dumfries. Eskdalemuir ..	825	50	35	-	0	3	9	221	320	194	0	270	29	13	4 06	53	24	4 05 05	
2. ENGLAND, N.E.																			
Durham. South Shields ..	73	57	44	-	0	5	29	230	333	152	0	280	30	13	28 15	49	22	28 14 40	
Yorks., N.R. Catterick ..	220	45	33	-	0	1	3	115	403	223	0	270	27	12	27 15	53	24	27 13 45	
Yorks., E.R. Spurn Head ..	64	42	34	4	4	12	117	348	258	17	0	300	41	18	4 11	56	25	4 11 10	
Lincoln. Cranwell	284	43	33	-	0	2	4	147	468	125	0	270	26	12	4 15	45	20	4 15 00	
3. ENGLAND, E.																			
Norfolk. Gorleston	52	42	34	-	0	0	0	159	453	132	0	270	22	10	5 14	45	20	5 13 45	
Suffolk. Felixstowe Aero. ..	65	50	40	-	0	0	0	218	442	84	0	200	23	10	20 14	51	23	20 16 10	
Bedford. Cardington ..	285	150	135	-	0	3	7	158	449	107	23	270	27	12	4 14	43	19	4 15 15	
Essex. Shoeburyness ..	115	104	89	-	0	0	0	299	415	30	0	60	24	11	12 15	41	19	5 11 10	
4. MIDLAND COUNTIES.																			
Warwick. Birmingham ..	643	118	73	-	0	0	0	165	492	87	0	310	24	11	20 17	44	20	20 16 45	
5. ENGLAND, S.E.																			
London. South Kensington..	137	110	30	-	0	0	0	61	607	76	0	270	17	8	17 15	38	17	17 14 00	
Surrey. Kew Observatory ..	92	75	50	-	0	0	0	62	541	141	0	230	17	7	19 15	37	17	17 13 50	
Surrey. Croydon	313	105	70	-	0	0	0	167	391	186	0	300	23	10	17 15	39	17	18 17 05	
Kent. Dover	66	66	60	-	0	1	2	322	373	47	0	-	25	11	5 14	37	17	5 13 05	
Kent. Lympne	418	76	48	-	0	0	0	176	512	56	0	50	21	9	12 16	39	17	18 13 45	
Hampshire. Calshot	58	50	42	-	0	2	3	191	399	151	0	210	28	13	19 24	41	18	20 00 05	
Wiltshire. Boscombe Down ..	462	45	33	-	0	0	0	90	389	265	0	280	20	9	4 18	35	16	20 15 45	
Wiltshire. Larkhill	491	51	36	-	0	0	0	87	388	269	0	300	21	9	20 16	36	16	20 15 35	
7a. ENGLAND, N.W.																			
Lancashire. Fleetwood	112	50	31	-	0	9	91	293	319	41	0	300	37	17	20 19	48	21	5 10 20	
Lancashire. Manchester (Barton)	153	83	80	-	0	5	39	211	316	178	0	280	36	16	5 12	53	24	4 18 35	
Lancashire. Southport	60	42	33	-	0	6	70	239	365	70	0	260	36	16	5 07	55	25	5 06 35	
Cheshire. Bidston Obs'y. ..	262	64	39	-	0	6	50	220	411	63	0	270	33	15	5 10	57	25	5 08 50	
7b. NORTH WALES.																			
Anglesey. Holyhead	68	43	38	-	0	2	5	247	377	115	0	260	27	12	4 19	45	20	27 20 25	
Flint. Sealand	81	65	42	-	0	2	7	172	383	182	0	290	28	13	20 14	45	20	20 12 40	
8a. SOUTH WALES.																			
Pembroke. St. Ann's Head ..	—	—	—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	- - -	
8b. ENGLAND, S.W.																			
Devon. Plymouth	185	88	65	-	0	1	1	191	415	100	37	-	25	11	8 15	41	18	20 13 25	
Cornwall. The Lizard	315	75	60	-	0	4	13	350	283	98	0	310	29	13	20 13	45	20	20 10 05	
Cornwall. Pendennis Castle ..	256	65	42	-	0	2	8	334	336	66	0	230	30	13	19 18	48	21	20 13 00	
9. IRELAND, N.																			
Donegal. Dunfanaghy Road	180	47	30	-	0	5	46	197	347	154	0	-	35	16	3 18	53	24	3 23 15	
Antrim. Aldergrove	282	40	20	-	0	0	0	167	466	111	0	250	20	9	4 22	39	17	20 11 45	
10. IRELAND, S.																			
Dublin. Kingstown (Cup Anr.)	49	27	27	-	0	5	54	258	351	81	0	240	33	15	27 16	-	-	- - -	
Clare. Quilty	100	40	32	-	0	1	5	327	349	63	0	-	28	13	20 04	43	19	20 03 10	
Kerry. Valentia Observatory	98	41	33	-	0	0	0	288	358	98	0	350	24	11	20 02	42	19	8 01 15	
Cork. Cork	132	71	40	-	0	0	0	24	418	302	0	-	15	7	27 14	30	13	27 13 40	
11. SCILLY ISLES.																			
St. Mary's	230	65	57	-	0	1	6	366	335	37	0	310	30	13	20 10	44	20	20 09 35	

‡‡ Brackets ( ) indicate that the distribution as between winds above and below 4 m.p.h. is doubtful, but the total number of hours with winds below 12 m.p.h. is reliable.

‡ Data inaccurate prior to October, 1929 (*see* 1933 Annual Summary, Wind Section).

† Figures are for Butt of Lewis.

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

The dotted lines indicate the normal distribution of pressure in July, based on 35 years' observations, 1881–1915.

1012 1013 1014 1015 1016 1017 1018 1019 1020 1021

1013 1014 1015 1016

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 H J

SCALE 1:25,000,000.

Positions of centres are shown 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. 66° 64° 62° 60° 58°

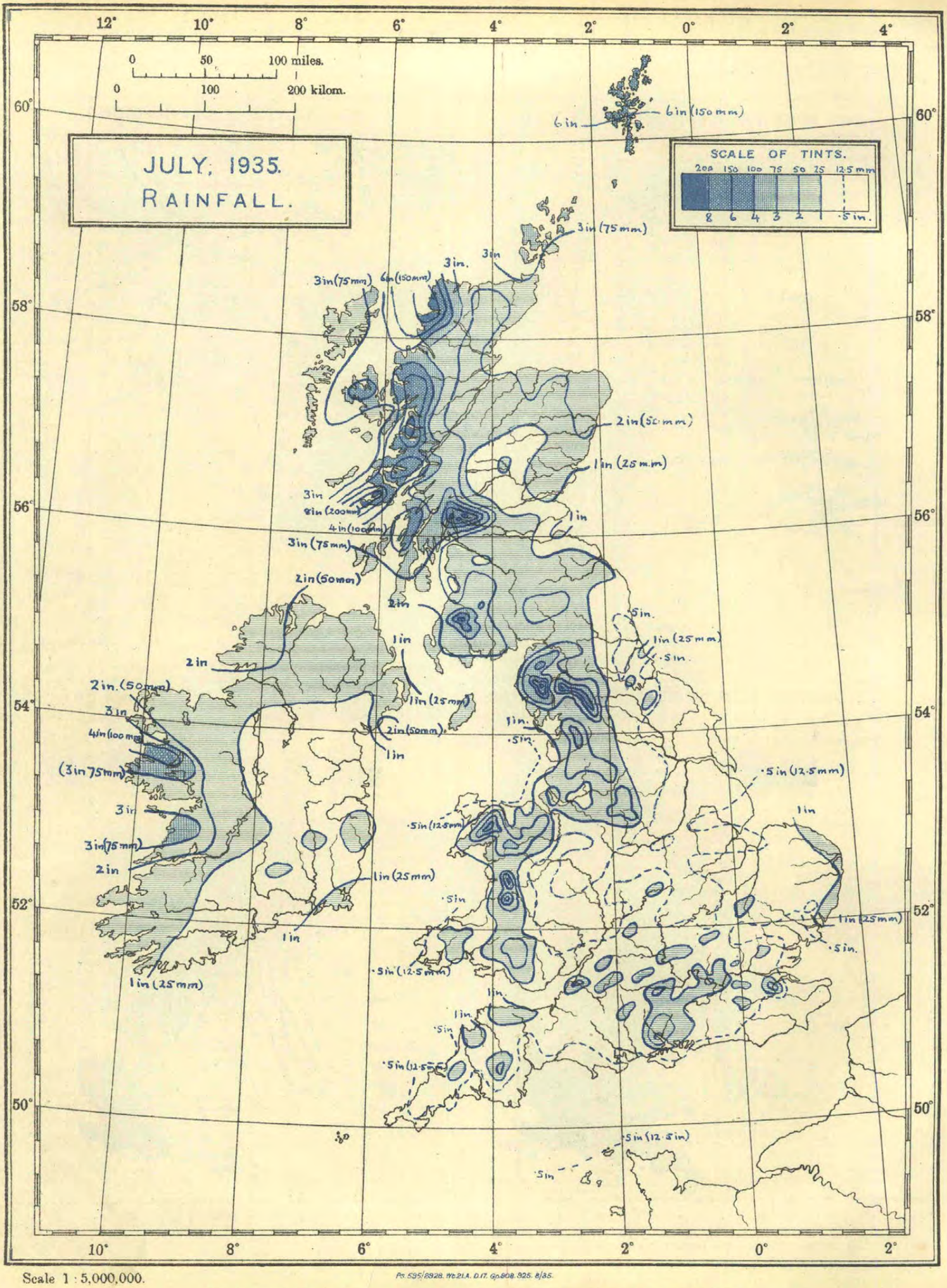
Sea temperatures are shewn in large figures, thus: 55°

4. BRIGHT SUNSHINE, HOURS PER DAY.

SCALE OF TINTS. Hrs. 10·0 9·0 8·0 7·0 6·0

H.M. Stationery Office Press, Kingsway W.C.2.

*The pressure is expressed in millibars.



Scale 1 : 5,000,000.

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

TABLE III.—SUMMARY of the RECORDS of TEMPERATURE, RAINFALL and SUNSHINE, and of WEATHER OBSERVATIONS, JULY, 1935

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. in.	mm.	Difference from Average. mm.	Most in a day. Amount. mm.	Date.	WEATHER. Number of days. Precip'n. 0·2 mm or more.	1 mm. or more.	Snow.	Snow lying.	Hail.	Thunderstorm.	Fog (Morn'g Obs.)	Ground Frost.	Gale.	BRIGHT SUNSHINE. Hours per day. Daily Mean.	Difference from Average.	Pr Cent.
0. SCOTLAND, N.		G.M.T.	ft.	°F.	°F.	°F.	°F.	°F.		°F.		°F.	°F.	in.	mm.	mm.	mm.												hr.	hr.	%
Shetland.	Baltasound ..	9 9 9	31	58·9	48·4	53·7	+0·4	67	8	39	1	55·1	–	7·55	192	+128	109	20	22	16	0	0	0	2	2	–	0	5·49	+1·28	30
	Lerwick .. ¶§	18–7 7	156	56·4	49·4	52·9	–1·0	62	1	45	6,30	–	–	5·76	146	–	86	20	17	14	0	0	0	0	1	1	1	5·25	+0·75	29
Orkney.	Deerness	2121 9	160	–	–	–	–	–	–	–	–	–	–	3·20	81	+ 16	49	20	–	–	–	–	–	–	–	–	–	5·26	+1·01	30
	Kirkwall .. ¶§	9 9 9	113	61·1	50·6	55·9	+1·8	74	13	41	7	57·1	–	3·01	76	+ 8	30	20	17	13	1	0	0	0	0	0	4	5·57	+1·32	32
Hebrides.	Skallary	101010	30	60·4	53·2	56·8	–	64	8	48	19	–	–	2·72	69	–	15	26	21	15	0	0	0	0	–	–	–	–	–	–
	Stornoway(C.G.) ¶§	18–7 7	80	60·7	51·5	56·1	+1·0	68	8	45	30	–	–	2·44	62	–	9	20	17	15	0	0	0	1	0	–	0	4·77	–0·01	28
	Stornoway ..	– – 9	30	–	–	–	–	–	–	–	–	–	–	2·60	66	– 11	10	20	20	15	–	–	–	–	–	–	–	–	–	–
Skye.	Duntulm ..	9 9 9	294	60·7	51·1	55·9	–	72	8	47	30	–	–	3·41	87	–	14	26	20	17	0	0	0	0	0	–	0	5·09	–	29
Caithness.	Wick	18–7 7	81	61·1	48·9	55·0	+1·3	73	23	39	7,22	–	–	2·61	66	– 1	25	20	17	11	0	0	0	1	0	–	0	–	–	–
Ross & Cromarty.	Achnashellach ..	9 9 9	225	65·0	48·2	56·6	–	76	8	37	30	–	–	7·22	183	+ 52	22	4	22	22	0	0	0	0	0	–	–	–	–	–
	Fortrose	9 9 9	69	66·6	51·6	59·1	+1·5	(78)	(13)	46	30	–	–	1·10	28	–	12	19	8	6	0	0	0	0	0	–	0	6·92	+1·72	40
Inverness.	Dalwhinnie † ..	18–7 7	1176	63·7	47·0	55·3	–	74	13	34	30	–	–	1·10	28	–	5	23	13	10	0	0	0	0	0	2	1	6·20	–	36
	Ft. Augustus ¶	9 9 9	68	66·5	50·5	58·5	+1·9	78	8	38	30	–	–	0·97	25	– 46	6	20	10	6	0	0	0	0	0	–	–	5·02	–	29S
	Ft. William ..	9 9 9	34	63·5	51·5	57·5	+0·3	73	8	41	1	58·9	55·5	3·93	100	– 22	22	3	19	16	0	0	0	0	0	0	0	4·88	–	29S
	Inverness ¶§	9 9 9	242	66·5	51·5	59·0	+1·7	77	8	46	1,30	–	–	1·55	39	– 26	13	19	14	9	0	0	1	0	0	0	0	6·93	+2·22	40
1. SCOTLAND, E.																														
Nairn.	Nairn .. ¶§	9 9 9	20	67·3	50·9	59·1	+2·2	81	13	45	22,30	–	–	1·29	33	– 35	13	19	13	7	0	0	0	0	0	–	0	7·08	+2·42	41
Moray.	Forres	9 9 9	155	67·9	50·2	59·1	–	83	13	43	30	–	–	1·81	46	– 10	20	16	11	0	0	0	1	0	–	0	7·14	–	41
	Gordon Castle ..	2121 9	104	67·5	50·3	58·9	+1·6	82	13	43	22	–	–	2·35	60	– 21	11	19	12	9	0	0	0	1	–	–	–	6·92	+2·11	40S
Banff.	Banff	9 9 9	130	65·7	51·1	58·4	+2·2	81	13	43	22	–	–	1·80	46	– 26	9	5	15	12	0	0	0	1	0	0	0	7·02	+2·12	41
Aberdeen.	Aberdeen ¶§	.242424	79	65·2	51·3	58·3	+2·0	77	23	44	22	59·2	55·5	2·91	74	+ 3	17	17	17	12	0	0	0	1	1	0	0	7·20	+2·31	42
		18–7 –	—	65·5	50·1	57·8	+1·1																							
	Balmoral.. ..	9 9 9	927	66·1	45·6	55·9	+1·1	78	13	36	19	–	–	0·63	16	– 49	5	19	10	5	0	0	0	0	–	0	0	–	–	–
	Braemar	2121 9	1111	65·9	46·9	56·4	+1·7	78	13	38	11,12	–	–	0·63	17	– 48	6	19	11	5	0	0	0	0	0	0	0	6·98	–	41S
	Craibstone ..	9 9 9	300	66·0	48·5	57·3	–	76	13,23	40	7	57·8	54·3	2·24	57	– 18	7	19	17	12	0	0	0	1	–	0	–	7·75	–	45
	Logie Coldstone..	9 9 9	608	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Kincardine.	Balmakewan ..	9 9 9	80	68·7	49·5	59·1	–	79	13	39	19	–	–	1·66	42	– 23	11	18	11	9	0	0	0	1	0	0	1	–	–	–
	Stonehaven ..	9 9 9	12	66·3	48·9	57·6	–	76	13	41	22,23	–	–	1·69	43	– 11	17	15	11	0	0	0	1	2	–	–	7·48	–	44
Angus.	Arbroath.. ..	2121 9	93	66·9	49·4	58·1	+1·0	76	13,23	39	7	–	–	0·67	17	– 46	5	19	9	6	0	0	0	1	0	0	0	8·25	–	49
	Carnoustie ..	9 9 9	39	66·9	50·5	58·7	+1·7	81	13	42	30	–	–	1·10	28	– 39	9	18	11	6	0	0	0	1	0	–	0	7·92	+2·39	47
	Dundee ¶§	9 9 9	147	68·9	51·8	60·3	+2·3	83	13	43	19,30	62·5	–	1·54	39	– 26	14	13	11	9	0	0	0	1	–	0	0	7·35	+2·00	43
	Kettins	9 9 9	218	68·3	49·2	58·7	+1·2	80	13	39	31	63·0	–	1·31	33	– 33	8	19	12	8	0	0	0	1	0	0	1	–	–	–
	Montrose.. ..	9 9 9	16	66·7	49·9	58·3	+2·0	78	13	39	7	–	–	0·98	25	– 6	18	11	7	0	0	0	1	0	0	–	0	7·53	+2·15	44
Perth.	Crieff	2121 9	478	67·3	49·4	58·3	+0·7	77	13	43	19,31	–	–	0·89	23	– 52	9	19	9	5	0	0	0	–	–	–	0	–	–	–
	Perth	9 9 9	76	70·3	49·8	60·1	+1·3	82	13	39	31	–	–	0·74	19	– 54	8	19	8	5	0	0	0	1	–	–	–	7·41	+1·88	44
Fife.	Cupar	9 9 9	210	68·4	50·4	59·4	+1·5	81	13	40	31	–	–	0·93	24	– 8	19	19	10	7	0	0	0	0	–	–	–	–	–	–
	Dunfermline ..	9 9 9	237	67·1	50·6	58·9	–	80	13	42	30,31	62·1	57·5	1·53	39	– 12	19	19	9	7	0	0	0	1	0	0	0	6·97	–	41
	Inchkeith ..	18–7 7	190	64·4	52·5	58·5	+0·9	77	13	47	4	–	–	0·73	19	– 39	7	19	10	6	0	0	0	1	1	0	0	7·27	–	43
	Kirkcaldy ..	9 9 9	63	69·5	51·9	60·7	+2·1	83	13	43	30	–	–	1·10	28	– 12	19	19	11	7	0	0	0	0	–	–	–	–	–	–
	Leuchars ..	18–7 7	35	68·2	49·2	58·7	+0·8	80	13	39	31	–	–	0·78	20	– 46	8	19	11	6	0	0	0	1	1	1	0	7·88	+2·45	46
	St. Andrews ..	9 9 9	13	67·8	50·1	58·9	+1·5	81	13	40	31	60·9	56·4	0·78	20	– 50	7	19	12	6	0	0	1	1	0	0	–	8·04	+2·59	47
Mid Lothian.	Edinburgh—																													
	Blackford H. ¶§	2121 9	441	67·2	52·0	59·6	+2·3	80	13	46	30	–	–	0·62	16	– 56	4	19	10	5	0	0	0	1	1	0	0	7·22	+1·89	43S
	Boghall	9 9 9	639	66·2	50·5	58·3	–	76	8	43	7,31	60·7	55·8	0·74	19	–	5	19	12	5	0	0	0	0	2	0	–	7·33	–	43
	Liberton ..	9 9 9	190	69·8	50·7	60·3	–	84	13	42	31	–	–	0·62	16	–	5	19	9	6	0	0	0	(1)	–	–	–	–	–	–
	Univ. King's B.	9 9 9	225	69·0	51·7	60·3	–	82	13	44	31	62·2	56·9	0·56	14	–	4	19	8	5	–	–	–	–	–	–	–	–	–	–
E. Lothian.	Dunbar	9 9 9	75	67·1	51·6	59·3	–	82	13	43	30	–	–	0·94	24	–	10	1	9	3	0	0	0	1	1	0	0	8·29	–	49
	N. Berwick ..	9 9 9	118	67·5	50·3	58·9	–	81	13	41	31	–	–	0·97	25	– 37	9	1	8	5	0	0	0	1	1	0	0	8·17	–	48
Berwick.	Marchmont ‖ ¶§	9 9 9	498	67·8	50·1	58·9	+2·1	79	13	43	19	–	–	1·27	32	– 46	10	1	11	7	0	0	1	1	–	–	0	7·47	+2·11	44S
Peebles.	Peebles	9 9 9	629	67·2	49·0	58·1	–	80	13	36	30	–	–	2·45	62	–	30	16	11	9	0	0	0	0	0	0	0	6·89	–	41
	West Linton ..	9 9 9	820	66·0	48·1	57·1	+2·1	78	12,13	35	30	61·5	55·3	1·86	47	–	14	4	12	11	0	0	0	0	1	0	–	–	–	–
Roxburgh.	Kelso (Br'ml'ds)	9 9 9	193	69·2	50·6	59·9	+1·8	80	13	41	31	–	–	1·01	26	– 41	9	1	11	5	0	0	0	0	–	0	–	–	–	–
	Wolfelee	9 9 9	537	66·3	48·6	57·5	+0·7	77	13	35	30	–	–	1·47	37	– 41	9	18	9	6	0	0	1	1	0	–	0	–	–	–
6a. SCOTLAND, W.																														
Argyll.	Ardtornish ..	2121 9	48	66·2	48·0	57·1	–0·4	75	8	41	2	–	–	4·91	125	–	31	27	20	19	0	0	0	0	–	0	–	–	–	–
	Colonsay.. ..	9 9 9	100	63·6	51·9	57·7	–	71	12	44	1	–	–	2·75	70	–	20	26	17	14	0	0	0	0	–	–	–	–	–	–
	Dunoon	9 9 9	46	66·7	49·8	58·3	–	74	13,14	40	1,31	61·6	57·2	4·10	104	–	28	26	18	14	0	0	0	0	0	–	5·81	–	34S
	Glenbranter ..	9 9 9	188	65·5	48·2	56·9	–	77	13	37	1	–	–	4·95	126	–	33	3	14	14	0	0	0	0	0	3	0	–	–	–
	Oban	9 9 9	229	63·4	49·5	56·5	0·0	75	8	45	25	–	–	2·94	75	–	17	29	19	15	0	0	0	0	0	0	0	5·51	+0·60	33
	Tiree	18–7 7	22	61·6	52·5	57·1	–	69	12	46	11,19	–	–	2·17	55	– 37	10	26	18	12	0	0	0	0	0	0	0	6·89	–	41
Bute.	Rothesay ¶§	2121 9	200	65·0	51·4	58·2	+0·9	73	13	46	30	60·6	55·7	2·78	71	– 30	18	26	15	12	0	0	0	0	0	0	0	6·45	+1·40	38
Dumbarton.	Cardross	9 9 9	130	66·0	51·4	58·7	+1·3	76	8,13	41	30	–	–	1·82	46	–	12	19	13	10	0	0	0	0	2	–	0	6·16	+1·41	36S
	Helensburgh ..	9 9 9	21	66·3	50·5	58·4	+0·8	76	13	43	7,31	–	–	2·47	63	– 31	13	19	16	9	0	0	0	0	–	0	0	6·35	+1·46	38
Stirling.	Stirling	9 9 9	151	68·8	52·0	60·4	+1·5	80	13	44	30	62·4	55·2	0·58	15	–	8	19	7	4	0	0	0	0	0	0	–	5·79	+1·07	34S
Renfrew.	Greenock	9 9 9	199	66·1	52·8	59·5	+1·6	76	13	47	30	–	–	2·29	58	– 42	14	19,26	12	8	0	0	0	0	1	0	–	–	–	–
	Paisley	2121 9	106	67·5	52·3	59·9	+0·6	77	12	45	31	62·3	56·1	1·56	40	– 33	12	19	15	10	0	0	0	0	0	0	–	6·62	+1·74	39
	Renfrew ¶§ (Abbotsinch)	18–7 7	19	66·9	49·9	58·4	+0·1	77	12	39	31	–	–	1·38	35	– 36	11	19	14	10	0	0	0	0	0	0	0	6·56	+1·96	39
Lanark.	Dungavel ..	9 9 9	798	63·3	49·3	56·3	+1·2	75	12,13	40	30	–	–	2·68	68	–	15	13	16	13	0	0	0	0	0	0	–	–	–	–
	Glasgow	9 9 9	85	66·3	52·9	59·6	+1·3	77	12,13	46	30	–	56·5	1·73	44	– 35	14	19	14	9	0	0	0	0	1	–	–	–	–	–
	Thorntonhall ..	9 9 9	440	66·5	49·6	58·1	+1·6	77	12	40	30,31	–	–	0·91	23	–	5	19	13	9	0	0	0	1	–	0	0	6·57	+2·06	39S
Ayr.	Auchincruive ..	9 9 9	89	66·8	50·6	58·7	–	77	12,13	37	30	62·2	57·7	1·09	28	– 5	19	19	14	9	0	0	0	0	0	1	–	6·95	–	41
	Colmonell ..	9 9 9	170	65·7	51·7	58·7	+0·8	78	12	40	31	–	–	1·81	46	– 34	10	19	14	11	0	0	0	0	0	0	0	–	–	–
	Troon	9 9 9	15	65·8	54·2	60·0	–	80	12	46	31	–	–	0·93	24	– 7	19	19	13	7	0	0	0	0	0	0	0	7·18	–	43S
	Turnberry ..	9 9 9	30	64·5	53·5	59·0	+0·9	75	8	48	30	–	–	1·36	35	– 5	4	16	11	0	0	0	0	0	0	0	0	7·11	+1·45	43
Dumfries.	Dumfries.. ¶§	2121 9	140	67·3	51·8	59·5	+0·6	78	12	42	31	62·2	57·7	1·25	34	– 44	13	19	13	8	0	0	1	1	0	0	0	7·38	+2·19	44
	Eskdalemuir ¶§	242424	794	65·5	46·8	56·1	+1·0	76	12	35	30	59·4	52·7	2·54	64	– 40	11	18	14	11	0	0	0	0	0	2	0	7·01	+2·39	42
		18–7 –	—	65·6	48·1	56·9	+1·1																							
	Ruthwell.. ..	2121 9	67	63·9	49·6	59·3	+0·6	82	12	38	30	–	–	1·24	31	–	16	20	8	6	0	0	0	0	–	–	0	(5·70)	(+0·76)	34S
	Thornhill ..	9 9 9	670	65·4	52·3	59·0	–	76	12	40	30	–	–	1·66	42	–	11	19	10	10	0	0	1	0	0	–	0	–	–	–

¶§ S *See* Notes on Tables on last page of this issue. ‖ On and after April 14th. observations were taken one hour earlier than the time shown.

†. Observations taken at 17h. instead of 18h. G.M.T. on Sundays during Summer Time.

TABLE III (*continued*).—SUMMARY of the RECORDS of TEMPERATURE, RAINFALL and SUNSHINE, and of WEATHER OBSERVATIONS, JULY, 1935

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. in.	mm.	Difference from Average. mm.	Most in a day. Amount. mm.	Date.	WEATHER. Number of days. Precip'n. 0·2 mm. or more.	1 mm. or more.	Snow.	Snow lying.	Hail.	Thunderstorm.	Fog (Morn'g Obs.)	Ground Frost.	Gale.	BRIGHT SUNSHINE. Hours per day. Daily Mean.	Difference from Average.	Per Cent.
		G.M.T.	ft.	°F.	°F.	°F.	°F.	°F.		°F.		°F.	°F.	in.	mm.	mm.	mm.											hr.	hr.	%
6b. ISLE OF MAN.																													
Isle of Man.	Douglas	9 9 9	284	64·8	53·4	59·1	*+1·7*	72	12	45	31	–	–	1·46	37	–41	23	19	10	6	0	0	0	1	0	0	1	8·09	*+1·71*	49
	Point of Ayre ..	18–7 7	30	67·7	53·6	60·7	–	79	23	43	31	–	–	1·02	26	–	9	19	11	7	0	0	0	0	0	–	0	8·19	–	49
2. ENGLAND, N.E.																													
Northum-berland.	Berwick-on-T. ..	9 9 9	76	65·6	51·4	58·5	–	81	13	42	31	–	–	0·89	18	–43	7	19	9	6	0	0	0	1	1	0	–	8·06	–	48
	Bellingham ..	9 9 9	849	67·1	48·3	57·7	*+1·4*	80	13	40	30	–	–	1·15	29	–55	8	19	11	5	0	0	0	0	–	–	–	–	–	–
	Cockle Park ¶§	2121 9	325	68·4	49·8	59·0	+2·0	82	13	40	7	60·8	57·4	0·50	13	–53	6	19	8	4	0	0	0	0	0	0	1	7·86	+2·58	47
	Tynemouth ..	18–7 7	108	66·8	54·4	60·6	*+1·9*	78	10,23	47	30	–	–	0·49	13	–48	3	16,19	8	4	0	0	0	0	2	0	0	–	–	–
Durham.	Chopwellwood ..	9 9 9	446	68·8	51·5	60·1	*+2·8*	83	13	42	31	–	–	0·65	17	–50	6	19	9	4	0	0	0	0	0	0	–	7·83	*+2·54*	47
	Durham .. ¶§	2121 9	336	70·5	51·1	60·8	+2·8	83	13	40	31	–	–	0·27	7	–61	3	19	6	4	0	0	0	0	1	0	0	7·40	+2·25	45
	Houghall ..	9 9 9	160	72·8	50·8	61·8	–	86	13	35	31	–	–	0·26	7	–	2	19	5	4	0	0	0	1	0	2	0	7·81	–	47
	Ushaw College ..	9 9 9	594	69·7	51·6	60·7	+3·0	83	13	43	30	–	–	0·38	10	–61	4	19	6	4	0	0	0	1	1	–	–	–	–	–
Yorks.,	Ampleforth ..	9 9 9	313	70·8	–	–	–	85	13	–	–	–	–	0·16	4	–	2	19	5	2	0	0	0	0	0	0	–	–	–	–
N. Riding.	Castleton ..	9 9 9	450	70·8	50·1	60·5	–	85	13	35	31	61·7	–	0·32	8	–	2	16,19	8	5	0	0	0	1	0	1	–	–	–	–
	Catterick ..	18–7 7	175	71·4	51·5	61·5	–	84	13	38	31	–	–	0·76	19	–	9	14	7	4	0	0	0	1	0	0	0	7·98	–	48
	Scarborough †¶§	9 9 9	118	69·5	54·9	62·2	*+2·9*	81	10,23	48	30,31	–	59·1	0·51	13	–49	8	20	5	3	0	0	0	2	1	0	0	8·29	+2·85	50
	York .. ¶§	2121 9	57	73·4	54·0	63·7	+2·9	88	13	43	30	62·7	58·1	0·35	9	–55	4	19	7	3	0	0	0	0	–	–	0	7·73	+2·47	47
Yorks.,	Hull	2121 9	8	72·2	55·8	63·9	*+3·6*	85	10	47	31	66·1	58·1	0·22	6	–53	2	18	4	2	0	0	0	0	0	0	–	8·21	–	50
E. Riding.	Spurn Head ..	18–7 7	29	67·7	56·5	62·1	*+1·6*	75	3,23	52	18	–	–	0·32	8	–44	4	18	4	2	0	0	0	1	1	–	2	8·48	*+2·33*	52
Lincoln.	Cranwell .. ¶§	18–7 7	240	75·0	52·7	63·9	*+2·6*	89	13,14	42	9	66·0	61·1	0·67	17	–42	8	18	7	4	0	0	0	3	1	0	0	8·59	*+1·97*	53
	Cleethorpes ..	9 9 9	23	70·5	54·7	62·6	–	85	10	47	9	–	–	0·31	8	–	4	18	5	3	0	0	0	0	0	0	–	8·57	–	52
	Skegness ..	9 9 9	15	68·7	55·2	61·9	*+2·5*	77	27	44	19	–	–	0·69	17	–38	7	1	6	3	0	0	0	1	0	0	–	8·81	*+2·34*	54
3. ENGLAND, E.																													
Norfolk.	Cromer	9 9 9	178	70·0	56·0	63·0	*+2·9*	77	4,23,27	48	8	–	–	0·96	25	–31	15	18	5	5	0	0	0	2	1	0	0	9·29	*+3·03*	57
	Hunstanton ..	9 9 9	105	71·5	56·6	64·1	–	85	13	47	8	–	–	0·41	10	–	5	1	4	3	0	0	0	0	0	–	–	8·90	–	55
	Norwich	9 9 9	110	74·1	54·0	64·1	*+2·4*	84	10	41	31	65·1	–	0·92	21	–	9	18	7	5	0	0	0	2	–	0	–	9·54	*+3·13*	59
	Sprowston ..	9 9 9	93	73·7	52·5	63·1	–	83	10,11	40	8,31	–	–	0·91	23	–	13	18	5	4	0	0	0	1	0	1	–	9·76	–	60
	Terrington ..	9 9 9	13	74·5	53·5	64·0	–	84	13	42	31	–	–	0·78	20	–	10	1	6	4	0	0	0	1	0	0	–	9·24	–	57
	Thetford ..	9 9 9	99	75·5	50·5	63·0	–	87	13	36	8	67·8	62·6	0·73	19	–	9	20	6	4	0	0	0	3	0	1	–	9·43	–	58
	(Lynford Nursery)																													
	Yarmouth ¶§	18–7 7	5	68·8	56·0	62·4	*+1·0*	80	4	44	31	65·8	–	1·18	30	–29	19	20	5	4	0	0	0	2	0	0	0	9·96	*+3·31*	61
Suffolk.	Bungay (Flix'n) ..	9 9 9	79	75·7	53·0	64·3	*+2·0*	83	10,11	40	8	–	–	0·51	13	–	4	20	5	5	0	0	0	2	0	0	–	–	–	–
	Copdock	9 9 9	164	75·5	53·1	64·3	*+3·1*	84	13	42	31	66·3	61·5	0·39	10	–	4	1	4	3	0	0	0	3	0	0	–	9·71	*+3·40*	60
	Felixstowe ..	18–7 7	15	71·3	56·6	63·9	*+1·6*	80	16	45	31	–	–	0·92	23	–27	16	20	4	2	0	0	0	3	0	0	0	10·10	*+3·94*	63
	Hartest	9 9 9	250	75·2	52·1	63·7	–	85	13	40	31	–	–	0·50	13	–	5	18	6	4	0	0	0	2	0	0	–	9·64	–	60
	Lowestoft	9 9 9	82	71·5	54·9	63·2	*+3·0*	81	4	42	31	66·8	61·6	0·87	22	–36	7	20	6	5	0	0	0	1	0	0	0	10·12	*+2·97*	62
Cambridge.	Cambridge ¶§	2121 9	41	75·8	53·2	64·5	+2·9	87	13,14	38	31	66·8	61·0	0·54	14	–41	5	18	5	5	0	0	0	2	0	1	0	8·21	+1·38	51
	(Bot. Gdns.)																													
	(Univ. Farm) ..	9 9 9	78	76·3	53·4	64·9	–	87	13,14	40	31	–	–	1·00	25	–	13	18	6	5	0	0	0	2	0	0	0	8·31	–	51
Bedford.	Luton	9 9 9	381	74·1	53·0	63·5	*+2·3*	89	11	38	31	67·5	59·5	1·28	32	–	18	11	4	3	0	0	0	1	0	0	–	8·53	*+2·03*	53
	Woburn	9 9 9	291	75·0	52·0	63·5	+3·1	88	14	38	31	68·9	58·7	0·52	13	–44	9	11	5	2	0	0	0	1	0	0	–	7·90	+2·08	49
Hertford.	Rickmansworth	9 9 9	192	78·1	47·2	62·7	–	89	14	32	31	66·3	60·3	0·53	13	–	5	18	5	5	0	0	0	3	0	4	0	8·74	–	54
	Rothamsted ¶§	9 9 9	420	72·8	53·3	63·1	+2·7	84	14	42	31	64·7	–	0·90	23	–34	15	18	4	4	0	0	0	2	0	0	0	9·04	+2·69	56
	St. Albans ..	9 9 9	272	74·7	52·5	63·6	–	85	14	37	31	66·1	–	0·65	17	–37	6	1	6	4	0	0	0	3	0	0	–	–	–	–
Essex.	Clacton-on-S. ¶§	9 9 9	53	71·7	57·4	64·5	*+3·4*	80	28	46	31	66·3	61·7	0·42	11	–41	6	18	4	2	0	0	0	3	0	0	–	9·74	*+2·96*	60
	Chelmsford ..	9 9 9	134	76·3	54·5	65·4	*+4·7*	84	11,13,14	41	31	–	–	1·10	28	–26	18	1	5	3	0	0	0	2	–	–	–	–	–	–
	Chelmsford (Agr. St.)	9 9 9	193	75·2	52·5	63·9	–	82	11,14	41	31	–	–	0·91	23	–	12	1	5	4	0	0	0	1	–	(0)	–	9·50	–	59
	Earls Colne ..	9 9 9	168	75·7	53·5	64·6	–	85	14	41	31	–	–	0·40	10	–	5	18	3	2	0	0	0	3	–	–	–	–	–	–
	Halstead ..	9 9 9	140	76·5	52·9	64·7	+2·7	85	11,14	39	31	–	–	0·81	15	–	8	18	4	2	0	0	0	1	0	–	–	–	–	–
	Shoeburyness ‡ ..	18–7 7	11	73·7	56·2	64·9	*+2·2*	82	16	44	31	–	–	0·33	8	–33	3	18	5	4	0	0	0	4	0	0	0	10·02	*+2·89*	63
4. MIDLAND COUNTIES.																													
Yorks.,	Askham Bryan ..	9 9 9		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
W. Riding.	Bingley	9 9 9	610	68·3	51·8	60·3	–	85	13	44	30,31	–	–	1·11	28	–	8	27	11	8	0	0	0	0	0	0	–	–	–	–
	Bradford ..	9 9 9	439	69·9	53·2	61·5	*+2·8*	87	13	43	30	61·7	56·8	0·60	15	–55	4	27	7	3	–	–	–	–	0	0	–	7·74	*+2·40*	47
	Doncaster ..	9 9 9																												
	Giggleswick ..	9 9 9	575	67·4	50·8	59·1	*+1·4*	80	13	41	31	–	–	1·42	36	–	7	27	13	9	0	0	0	1	1	–	0	5·97	–	36
	Harrogate ¶§	9 9 9	478	69·9	52·6	61·3	*+3·2*	87	13	43	31	60·8	58·6	0·50	13	–57	4	19	7	4	0	0	0	1	0	0	0	7·33	+2·19	49
	Huddersfield ..	2121 9	325	72·4	52·5	62·5	*+3·0*	90	13	41	30,31	63·2	58·2	0·92	23	–41	5	27	13	8	0	0	0	0	0	0	–	7·08	*+2·06*	43
	„ (Oakes)	9 9 9	761	71·0	52·1	61·5	–	87	13	45	30	60·6	55·2	1·52	39	–33	7	27	14	10	0	0	0	1	1	0	0	–	–	–
	Meltham .. **	9 9 9	514	70·2	52·5	61·3	+2·5	87	13	41	30	60·9	59·9	1·79	45	–37	12	27	13	9	0	0	0	0	1	0	–	–	–	–
	Pontefract ..	9 9 9	255	70·6	53·5	62·1	–	86	13	46	31	–	–	0·56	14	–47	4	17	8	5	–	–	–	–	0	0	–	–	–	–
	Sheffield	9 9 9	428	71·9	54·9	63·4	+3·1	87	13	47	30,31	60·7	56·8	0·67	17	–47	5	17	11	7	–	–	–	–	0	0	–	7·70	+2·18	47
	Wakefield ..	9 9 9	124	74·2	52·6	63·4	*+2·9*	90	13	41	31	62·2	57·0	0·82	21	–43	8	17	13	9	0	0	0	1	0	0	–	7·58	*+2·43*	46
Derby.	Belper (School) ..	9 9 9	222	74·2	51·8	62·9	*+2·6*	88	13	38	31	–	–	0·42	11	–57	3	17	8	5	0	0	0	1	–	–	–	–	–	–
	Belper (Q. Bk.) ..	9 9 9	280	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Buxton	9 9 9	1007	67·2	51·4	59·3	*+2·3*	83	13	40	31	60·8	57·1	1·96	50	–50	12	3	12	11	0	0	0	0	0	0	–	7·07	*+1·33*	43
Nottingham.	Attenborough ..	18 7 7	89	75·9	52·4	64·1	–	92	13	38	31	–	–	0·29	7	–	3	18	7	3	0	0	0	1	0	0	0	–	–	–
	Mansfield ..	9 9 9	357	73·0	52·9	62·9	–	89	13	43	31	–	–	0·38	10	–	4	16	6	4	0	0	0	1	0	–	–	–	–	–
	Nottingham ¶§	9 9 9	192	73·6	55·0	64·3	+3·9	88	13	43	31	64·6	61·4	0·28	7	–53	3	20	7	2	–	–	–	–	0	0	–	8·10	*+2·74*	50
	Sutton Bon'gton	9 9 9	157	74·5	52·0	63·3	–	87	13	43	7,22	65·7	–	0·10	3	–52	0·8	16	6	0	0	0	0	0	0	0	–	8·25	–	50
	Worksop ..	9 9 9	56	75·1	51·9	63·5	+2·4	89	13	40	30	64·8	59·5	0·50	13	–45	6	17	9	3	0	0	0	1	–	0	0	8·05	–	49

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

¶§ S *See* Notes on Tables on last page of this issue.

** At Meltham the earth thermometers are at depths of 1 ft. and 2 ft.

‡ New Site from 4th April 1935.

TABLE III (*continued*).—SUMMARY of the RECORDS of TEMPERATURE, RAINFALL and SUNSHINE, and of WEATHER OBSERVATIONS, JULY, 1935

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.		Difference from Average.	Most in a day. Amount.	Date.	WEATHER. Number of days. Precip'n. 0·2 mm. or more.	1 mm. or more.	Snow.	Snow lying.	Hail.	Thunderstorm.	Fog (Morn'g Obs.)	Ground Frost.	Gale.	BRIGHT SUNSHINE. Hours per day. Daily Mean.	Difference from Average.	Per Cent.
4. MID. COUNTIES—*cont.*		G.M.T.	ft.	°F.	°F.	°F.	°F.	°F.		°F.		°F.	°F.	in.	mm.	mm.	mm.												hr.	hr.	%
Leicester.	Belvoir Castle ..	2121 9	259	74·2	53·0	63·6	+3·3	88	13,14	38	31	66·8	58·0	0·20	5	-57	2	17	4	2	-	-	-	-	-	1	-	8·97	*+3·17*	55
North-ampton.	Oundle	9 9 9	147	74·8	52·9	63·9	*+3·4*	87	13,14	38	31	66·2	59·6	0·42	11	-	4	18	6	5	0	0	0	0	0	0	-	8·21	*+2·49*	51
	Raunds	9 9 9	213	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Roade	9 9 9	394	73·6	52·4	63·0	-	85	14	41	30	63·4	-	0·48	12	-	7	11	3	3	0	0	0	0	0	0	0	-	-	-
Warwick.	Birmingham ¶§	18–7 7	535	72·5	55·3	63·9	*+3·0*	86	13	47	31	59·6	54·8	0·40	10	-49	3	20	6	4	0	0	0	0	0	0	0	7·65	+2·13	47
	,, Sparkhill	713 7	425	75·2	53·5	64·3	*+3·6*	89	13	40	31	-	-	0·48	12	-51	4	19	6	4	0	0	0	0	0	1	-	-	-	-
	Coventry.. ..	9 9 9	241	74·2	53·3	63·7	+2·2	86	13	39	31	65·7	62·5	0·57	15	-45	3	20	7	6	0	0	0	0	0	0	-	7·29	*+1·76*	45
	Rugby	2121 9	390	74·3	52·9	63·6	-	86	13,14	41	31	-	-	1·00	25	-	7	20	8	6	0	0	0	1	-	0	-	-	-	-
	Stratford-on-Avon	9 9 9	210	74·3	53·7	64·0	-	85	13	43	31	-	-	0·25	6	-	3	19	5	3	0	0	0	1	0	-	-	8·19	-	51
Oxford.	Oxford .. ¶§	9 9 9	208	75·0	54·8	64·9	+3·1	86	13	45	31	67·8	62·1	0·51	13	-47	6	18	6	5	0	0	0	2	0	0	0	8·85	*+2·73*	55
Bucks.	Mursley	9 9 9	490	73·5	52·5	63·0	-	84	13,14	43	30	62·7	-	0·90	23	-39	13	11	6	4	-	-	-	-	-	-	-	8·46	-	53
Stafford.	Mayfield	9 9 9	374	71·8	50·5	61·1	*+2·4*	86	13	37	31	-	-	0·85	21	-51	5	3	10	8	0	0	0	1	-	0	-	7·91	*+2·75*	49
Shropshire.	Newport	9 9 9	211	72·1	50·9	61·5	-	87	13	40	7	-	-	0·56	14	-43	5	5	8	4	0	0	0	0	0	0	-	7·51	-	46
	Shrewsbury ..	9 9 9	184	73·1	53·5	63·3	*+3·0*	88	13	39	31	63·7	59·9	0·65	17	-	3	1,16	7	6	0	0	0	0	0	0	0	7·25	-	44
Worcester.	Malvern	9 9 9	380	73·9	57·3	65·6	*+4·3*	89	13	50	21	66·6	61·4	0·37	9	-49	4	19	4	3	0	0	0	0	0	0	-	8·66	*+2·57*	54
	Worcester (Perdiswell)	9 9 9	94	76·0	53·5	64·7	-	91	13	40	31	-	-	0·32	8	-	4	19	4	2	0	0	0	0	-	0	-	8·32	-	51
Hereford.	Bromyard ..	9 9 9	393	73·3	52·6	62·9	*+2·9*	86	13	39	31	65·1	59·0	0·54	14	-	6	19	4	4	0	0	0	0	0	0	-	-	-	-
	Hereford ..	9 9 9	292	74·6	53·7	64·1	+3·5	88	13,14	42	31	-	-	0·38	10	-46	4	19	4	4	0	0	0	0	0	0	0	-	-	-
	Ross-on-Wye ¶§	18–7 7	223	73·5	54·5	64·0	*+2·3*	86	13	45	31	65·6	60·5	0·25	6	-52	3	19	6	1	0	0	0	0	0	0	0	8·27	*+2·21*	51
Gloucester.	Bristol (Horfield)	18–7 7	206	73·9	56·1	65·0	-	87	13	48	30,31	67·0	61·6	0·73	19	-	5	17	9	5	0	0	0	1	0	0	0	-	-	-
	Cheltenham ..	2121 9	214	75·7	55·6	65·7	*+4·0*	88	13	46	7	68·4	64·6	*0·40*	10	-50	5	19	5	4	0	0	0	0	0	0	0	8·18	*+2·32*	51
	Cirencester ..	9 9 9	443	73·1	53·3	63·2	*+2·9*	86	13	44	7	-	-	0·69	23	-	6	18	6	6	0	0	1	1	0	0	-	8·78	-	54
	Parkend	9 9 9	325	72·4	52·3	62·3	--	86	13	42	30,31	64·1	58·6	0·43	11	-	4	19	6	4	0	0	0	1	0	1	-	8·75	-	54
5. ENGLAND, S.E.																														
London.	City, Bunhill Row..	—	—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8·52	-	53
	Camden Square ..	9 9 9	110	77·9	57·8	67·9	+3·6	89	13,14	49	31	65·6	59·0	0·90	23	-38	8	1	4	4	0	0	0	1	-	0	-	-	-	-
	East Ham ..	9 9 9	15	76·4	57·2	66·8	*+4·3*	86	14	47	31	-	-	0·48	12	-42	7	1	4	4	-	-	-	-	-	-	-	-	-	-
	Enfield	9 9 9	148	77·2	55·5	66·3	*+3·8*	87	14	44	31	-	60·5	0·67	17	-41	10	1	5	4	0	0	0	1	0	0	-	8·35	-	52
	*g*Greenwich ..	2424 9	149	78·3	55·6	66·9	+3·6	87	10,14	46	31	63·7	59·6	0·55	14	-43	8	1	5	3	0	0	0	2	0	0	0	8·58	+2·18	53
		21–9 –	—	78·3	55·9	67·1																								
	Hampstead ..	9 9 9	450	74·4	54·8	64·6	*+3·3*	84	14	48	21	-	-	0·87	22	-	10	1	6	4	0	0	0	2	-	0	-	9·04	*+2·81*	56
	Kensington ..	18–9 9	80	76·2	57·7	66·9	*+2·6*	87	14	50	31	66·7	61·2	0·61	15	-45	9	1	5	4	0	0	0	1	0	0	0	8·69	-	54
	Kingsway ..	—	—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8·70	-	54
	Regent's Park ..	9 9 9	129	76·5	57·5	67·0	-	87	14	49	31	-	-	0·89	23	-	11	1	4	4	0	0	0	1	0	0	-	8·92	*+2·33*	55
	Kew ¶§	242424	18	75·0	57·6	66·3	+3·5	85	14	49	31	66·6	60·4	1·63	41	-14	28	2	7	5	0	0	0	2	0	0	0	8·76	+2·47	54
	Observatory ..	18–7 –	—	75·2	57·6	66·4	*+2·5*																							
	Stroud Green ..	18 7 7	212	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Tottenham ††¶§	2121 9	51	77·0	58·4	67·7	*+4·5*	88	14	49	31	-	61·3	0·82	21	-36	10	1	5	4	0	0	0	-	0	-	9·07	*+2·98*	56
	Westminster ..	9 9 9	27	75·9	58·7	67·3	*+4·0*	86	14	51	21,31	-	-	0·71	18	-38	9	1	4	4	0	0	0	1	-	0	-	8·68	+2·62	54
Surrey.	Addington ..	9 9 9	472	74·1	55·4	64·7	+3·8	84	13,14	48	31	-	-	1·04	26	-	9	1	6	4	0	0	0	1	0	-	-	-	-	-
	Croydon Aero. ..	18–7 7	217	74·9	55·9	65·4	*+2·6*	85	13	46	31	-	-	1·33	34	-26	12	1	7	5	0	0	0	2	1	0	0	8·75	*+1·72*	55
	Wisley	9 9 9	150	75·5	54·2	64·9	*+2·8*	85	13,14	43	31	66·8	62·1	1·60	41	-	31	1	6	5	0	0	0	1	0	0	0	8·02	*+1·52*	50
Kent.	Biggin Hill ..	18–7 7	567	72·2	55·1	63·7	*+2·4*	82	13	47	31	-	-	1·21	31	-32	13	18	6	4	0	0	0	3	2	0	0	9·31	*+2·04*	58
	Bromley	9 9 9	213	75·7	55·8	65·7	-	84	13,14	45	31	-	-	0·89	23	-32	14	1	6	4	0	0	0	1	0	0	-	-	-	-
	Canterbury ..	9 9 9	124	74·6	53·8	64·2	*+1·7*	83	11	43	31	65·3	60·9	0·40	10	-	4	18	4	3	-	-	-	-	0	-	-	-	-	-
	Dover	9 9 9	22	72·1	57·8	64·9	*+4·3*	82	13	48	31	68·3	63·0	0·28	7	-	3	18	4	3	0	0	0	2	0	0	0	10·52	*+3·75*	66
	Dungeness ..	18–7 7	20	70·2	55·5	62·9	*+1·4*	78	11	43	31	-	-	0·27	7	-39	3	1	5	3	0	0	0	1	0	-	0	-	-	-
	East Malling ..	9 9 9	132	74·7	52·7	63·7	-	83	13	39	31	-	-	0·94	24	-	10	20	4	3	0	0	1	3	0	0	0	8·81	-	55
	Folkestone ..	9 9 9	101	72·5	57·2	64·9	*+3·5*	82	13	49	31	-	60·7	0·27	7	-	3	18	5	3	0	0	1	3	0	0	-	10·41	*+3·04*	65
	Goudhurst ..	9 9 9	290	73·6	52·3	62·9	-	82	13	39	31	-	-	0·81	21	-	10	11	5	4	0	0	0	3	0	0	-	-	-	-
	Lympne	18–7–7	346	71·9	54·6	63·3	*+2·4*	81	13	46	8,31	-	63·2	0·24	6	-48	2	20	5	3	0	0	0	3	0	0	0	9·91	*+2·30*	62
	Manston	18–7 7	142	72·2	56·2	64·2	-	78	4,13,28	45	31	-	-	0·18	5	-	1	19	4	4	0	0	0	2	0	0	0	10·23	-	64
	Margate .. ¶§	9 9 9	51	70·8	59·0	64·9	*+2·8*	80	10	52	19	69·3	64·3	0·26	7	-43	3	19	5	3	0	0	0	2	0	0	0	10·42	+3·07	65
	Tunbridge W. ..	9 9 9	351	75·4	53·9	64·7	*+3·6*	86	13	42	31	67·0	62·9	0·72	18	-	9	20	5	5	0	0	0	2	0	0	0	8·95	+2·04	56
	Wye	9 9 9	164	75·3	52·8	64·1	-	84	13	40	31	-	-	0·25	6	-	3	20	5	3	0	0	0	0	-	0	0	9·44	-	59
Sussex.	Ardingly ..	9 9 9	437	74·7	54·8	64·7	*+4·0*	85	13	47	21,31	-	-	0·80	20	-	8	19	8	5	0	0	0	1	-	0	-	-	-	-
	Beachy Head ..	18–7 7	502	68·8	54·5	61·7	-	79	12	44	21	-	-	0·26	7	-	3	12	4	2	0	0	0	2	6	-	-	-	-	-
	Brighton ..	9 9 9	32	72·5	58·4	65·5	*+4·0*	89	13	48	31	-	62·6	0·46	12	-43	10	11	5	1	0	0	0	2	0	0	0	9·09	+1·84	57
	Eastbourne ..	2121 9	35	70·7	57·8	64·3	+3·1	79	12	50	31	66·7	62·2	0·19	5	-51	3	11	5	1	0	0	0	1	0	0	-	10·05	+2·39	63
	St. Leonards ¶§	2121 9	178	72·1	56·9	64·5	*+3·5*	83	13	49	21	67·9	61·2	0·42	11	-45	9	11	5	1	0	0	0	2	0	0	0	10·10	+2·67	63
Berkshire.	Ascot H'therw'd	2121 9	320	75·3	53·6	64·5	-	86	13	44	30,31	-	-	0·48	12	-	5	1	5	5	0	0	0	2	0	0	-	9·35	-	58
	Reading	9 9 9	152	76·3	56·0	66·1	*+4·3*	87	13,14	45	31	66·5	61·6	0·35	9	-	3	11	5	5	0	0	0	0	-	0	0	-	-	-
	Shinfield	9 9 9	200	76·5	53·8	65·1	*+3·0*	87	14	44	31	-	-	0·46	12	-	3	11,18	5	4	0	0	0	2	-	-	-	-	-	-
	Warfield	9 9 9	220	75·3	52·8	64·1	-	86	14	43	31	67·2	-	0·49	12	-	5	1	5	5	0	0	0	1	6	0	-	8·93	-	55
Hampshire.	Bournemouth ..	9 9 9	139	74·9	56·7	65·8	*+4·3*	87	14	47	31	65·2	62·3	0·56	14	-40	4	19	6	4	0	0	0	0	0	-	-	8·88	*+1·76*	56
	Calshot	18–7 7	8	73·9	57·6	65·7	*+3·2*	84	14	50	21	-	-	1·86	47	+ 6	40	1	5	4	0	0	0	2	1	0	0	9·23	*+1·85*	58
	Long Sutton ..	9 9 9	479	74·6	53·4	64·0	-	85	13,14	46	7,31	67·6	-	1·11	28	-	13	11	4	4	0	0	0	0	0	0	-	8·77	-	55
	Southamp'n ¶§	2121 9	64	74·7	54·9	64·8	+2·1	87	14	47	21	-	-	2·37	60	+ 2	53	1	3	3	0	0	0	2	0	0	0	9·01	+2·07	56
	S. Farnboro' ..	18–7 7	237	77·4	53·5	65·5	*+3·0*	88	14	40	31	-	-	1·74	44	- 8	23	1	7	5	0	0	0	1	0	1	0	8·83	*+2·36*	55

†† Tottenham is used as a "district value" station for England, E., and not for England, S.E.

g Temperature from thermometers on a Glaisher stand. ¶§ See Notes on Tables on last page of this issue.

TABLE III (*continued*).—SUMMARY of the RECORDS of TEMPERATURE, RAINFALL and SUNSHINE, and of WEATHER OBSERVATIONS, JULY, 1935

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. in.	mm.	Difference from Average. mm.	Most in a day. Amount. mm.	Date.	WEATHER. Number of days. Precip'n. 0·2 mm. or more.	1 mm. or more.	Snow.	Snow lying.	Hail.	Thunderstorm.	Fog (Morn'g Obs.)	Ground Frost.	Gale.	BRIGHT SUNSHINE. Hours per day. Daily Mean.	Difference from Average.	Per Cent.
5. ENGLAND, S.E.—*cont.*		G.M.T.	ft.	°F.	°F.	°F.	°F.	°F.		°F.		°F.	°F.	in.	mm.	mm.	mm.												hr.	hr.	%
I. of Wight.	Newport	9 9 9	48	75·7	54·7	65·2	–	87	14	44	31	–	–	0·79	20	–	15	1	2	2	0	0	0	1	0	0	–	–	–	–
	Ryde	9 9 9	13	73·6	58·8	66·2	*+4·1*	84	14	52	31	–	–	1·56	40	–	38	1	4	2	0	0	0	1	1	–	0	9·30	*+2·17*	59
	Sandown ..	9 9 9	13	72·4	58·4	65·4	*+3·4*	82	14	52	19,21	–	–	0·78	20	–	17	1	4	2	0	0	0	2	0	–	–	9·75	*+2·33*	61
	Totland Bay ..	9 9 9	140	71·5	57·2	64·3	+3·3	86	13	51	30,31	–	–	0·44	11	-38	6	19	3	2	0	0	0	1	0	0	0	9·22	*+1·89*	58
	Ventnor (Hospital)	9 9 9	59	71·9	58·7	65·3	+3·5	84	14	52	31	–	–	0·22	6	-45	4	1	4	2	0	0	1	0	–	–	0	8·97	+1·77	56
Wilts.	Amesbury (Boscombe Down)	18–7 7	417	73·5	53·7	63·6	–	87	13	45	30	–	–	1·52	39	–	26	11	6	4	0	0	0	1	0	0	0	8·93	–	56
	Larkhill	9 9 9	440	73·5	53·5	63·5	*+2·6*	85	13	46	30	–	–	0·94	24	-25	15	12	4	4	0	0	0	1	0	0	0	–	–	–
	Marlboro' ‖ ¶§	9 9 9	424	74·3	51·0	62·7	+3·1	87	14	40	30	63·9	58·1	1·19	30	-32	12	1	6	5	0	0	0	1	0	0	0	8·54	+2·59	53
	Porton	9 9 9	363	74·4	52·5	63·5	*+2·8*	87	13	43	30	66·1	–	0·69	17	-33	6	1	5	4	0	0	0	1	0	0	0	9·12	–	57
7a. ENGLAND, N.W.																														
Cumberland.	Keswick	9 9 9	254	67·5	52·3	60·1	*+1·2*	80	12	40	30	61·6	56·7	1·80	46	-52	19	19	10	9	0	0	0	0	0	0	0	6·88	*+2·11*	41
	Newton Rigg ¶§	2121 9	560	67·9	50·4	59·1	+1·2	79	13	40	30,31	–	–	1·33	34	-44	13	19	9	5	0	0	0	0	0	1	0	6·99	+1·41	43
Westmorland.	Ambleside ..	9 9 9	145	71·2	51·3	61·3	–	80	13	40	31	–	–	2·73	69	–	35	19	12	8	0	0	0	0	0	–	–	5·81	–	35
	Appleby	9 9 9	440	68·9	50·2	59·5	*+1·6*	80	13	36	30	–	–	0·78	20	-60	10	19	5	3	0	0	0	0	–	–	–	–	–	–
Lancashire.	Bolton	9 9 9	342	69·6	53·5	61·5	+2·2	83	13	46	30,31	62·1	58·0	1·72	44	-49	11	17	10	8	0	0	0	1	–	0	–	6·16	+1·35	38 S
	Burnley	9 9 9	458	68·3	52·1	60·2	*+2·1*	81	13	39	30	60·4	56·3	1·47	37	–	13	27	10	10	0	0	0	0	0	0	–	5·71	*+0·93*	35
	Darwen	2121 9	724	71·2	52·2	61·7	*+3·9*	86	13	44	29,30	63·4	56·6	2·23	57	-51	15	27	13	9	0	0	0	1	0	0	–	6·43	*+1·56*	39
	Hutton	9 9 9	82	68·6	52·3	60·7	*+1·5*	79	12	40	30	62·0	57·6	1·74	44	–	10	14	9	8	0	0	0	0	0	0	0	6·82	*+1·37*	40
	Lancaster ..	9 9 9	312	69·1	53·9	61·5	*+2·1*	81	12	42	31	61·6	59·0	2·32	59	-30	17	1	13	10	0	0	0	0	0	0	0	6·92	*+1·46*	42
	Leyland	9 9 9	125	68·7	52·2	60·5	*+1·6*	79	12	39	30	–	–	2·13	54	-21	12	17	10	8	0	0	0	2	0	0	–	7·01	*+1·56*	43
	Manchester (Barton) ..	18–7 7	70	71·4	51·3	61·3	–	85	13	37	30	–	–	0·95	24	–	7	18	9	7	0	0	0	1	2	0	0	7·05	–	43
	(Oldham Road)	2121 9	191	72·7	57·5	65·1	+3·6	88	13	49	30	64·4	60·6	1·58	40	-42	10	3	9	8	0	–	0	0	–	0	–	5·95	*+1·51*	36 S
	(Whitworth Pk.)	2121 9	125	71·3	55·2	63·3	+2·6	85	13	41	30	–	–	1·38	35	-49	9	3	9	8	–	–	–	–	0	0	–	6·46	*+1·31*	39
	Southport .. (Bedford Rd.Pk.) ¶§	9 9 9	35	68·6	55·6	62·1	+2·4	82	12	41	31	65·0	59·9	0·91	21	-52	5	1	9	8	0	0	0	2	0	0	1	7·51	+1·16	46
	Stonyhurst ¶§	9 9 9	377	67·2	53·1	60·1	+1·2	78	13	43	30	–	–	2·39	76	-22	22	14	13	10	0	0	0	1	0	0	0	6·84	+1·52	41
Cheshire.	Bidston Obs'y. ..	2121 9	198	66·3	56·1	61·2	*+1·3*	79	12	49	31	–	–	2·27	58	- 8	34	17	9	6	0	0	0	2	0	0	0	7·11	*+1·20*	43
	Hoylake	9 9 9	23	69·6	55·5	62·5	+2·2	80	12	42	31	–	–	1·77	45	-17	25	17	10	8	0	0	0	2	–	0	–	7·45	+1·29	45
	Macclesfield ..	9 9 9	500	70·5	53·5	62·0	+2·7	87	13	43	30	–	–	1·75	44	-39	15	17	10	9	0	0	0	0	0	–	–	–	–	–
	West Kirby ..	9 9 9	25	69·4	57·0	63·2	–	81	12	43	31	–	–	1·38	35	-30	13	17	9	7	0	0	0	2	0	0	–	7·21	–	44
7b. NORTH WALES.																														
Flint.	Hawarden B'dge	9 9 9	17	70·1	55·2	62·7	+2·0	81	12	40	31	–	–	1·31	33	–	7	16	9	8	0	0	0	1	0	–	–	–	–	–
	Rhyl	9 9 9	31	68·0	54·8	61·4	*+1·9*	81	12	41	31	–	–	0·47	12	-46	3	19	9	5	0	0	0	1	0	0	0	7·23	*+0·79*	44
	Sealand .. ¶§	18–7 7	16	69·5	53·9	61·7	*+1·1*	81	12	38	31	62·1	57·9	1·03	26	-34	7	16	10	7	0	0	0	2	0	0	0	6·44	*+1·27*	39
Anglesey.	Holyhead ¶§	18–7 7	26	64·0	55·7	59·9	*+1·2*	72	8	51	31	–	–	0·33	8	-58	2	10	10	4	0	0	0	0	0	0	0	8·04	*+1·94*	49
Denbigh.	Colwyn Bay ..	9 9 9	118	67·8	56·7	62·3	*+2·3*	76	8,23	52	25	–	–	0·61	15	+48	5	19	9	4	0	0	0	0	0	–	–	7·17	*+1·04*	44
Carnarvon.	Aber	9 9 9	60	67·5	55·0	61·3	–	76	12	46	13	–	–	1·27	32	–	9	13	11	8	0	0	0	0	–	0	0	6·89	–	42
	Llandudno ..	9 9 9	13	67·6	56·1	61·9	*+1·9*	77	8,12	46	31	–	–	0·33	8	-49	2	19	8	3	0	0	0	0	0	0	0	7·44	+1·17	45
Montgomery.	Welshpool ..	9 9 9	254	74·2	51·8	62·9	*+3·2*	89	13	36	31	–	–	0·42	11	-47	4	1	6	5	0	0	0	0	0	–	–	–	–	–
8a. SOUTH WALES.																														
Cardigan.	Aberystwyth ..	9 9 9	12	65·6	55·9	60·7	*+1·2*	74	8	47	30	–	–	0·78	20	–	6	19	12	6	0	0	0	0	0	–	–	6·89	*+1·08*	43
	„ P.B.S. †	9 9 9	452	64·9	54·5	59·7	–	74	12	44	30	–	–	1·00	25	–	7	19	14	9	0	0	0	0	0	0	0	5·95	–	37
Pembroke.	Haverfordwest ..	2121 9	250	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	St. Ann's Hd. ¶§	18–7 7	142	64·2	54·7	59·5	*+0·6*	71	11	50	5	–	–	0·68	17	-46	5	19	9	4	0	0	0	0	3	–	0	7·97	+1·34	50
Radnor.	Rhayader ¶§	9 9 9	757	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Brecknock.	Cantref	9 9 9	1080	68·2	51·0	59·6	–	80	13	42	9	–	–	1·42	36	–	16	19	12	10	0	0	1	1	0	–	–	7·28	–	45
Glamorgan.	Cardiff	2121 9	202	71·8	56·1	63·9	*+3·2*	84	13	49	7	65·6	60·1	0·66	17	-61	9	19	7	4	0	0	0	0	0	0	0	7·85	*+1·12*	49
	Swansea	9 9 9	27	70·6	58·0	64·3	*+2·5*	78	13,14,24	51	21	68·7	61·6	0·59	15	–	5	19	10	4	0	0	0	0	0	0	–	7·70	*+1·39*	48
8b. ENGLAND, S.W.																														
Monmouth.	Newport	9 9 9	265	73·4	55·4	64·4	*+1·7*	86	13	48	9,30	65·8	59·6	0·89	23	–	11	19	9	6	–	–	–	–	0	–	–	8·71	–	54
	Usk	9 9 9	70	73·8	52·9	63·3	–	87	13	41	31	68·0	–	0·84	16	–	6	19	6	4	0	0	0	3	0	0	0	8·51	–	53
Somerset.	Bath .. ¶§	9 9 9	67	74·2	56·4	65·3	*+3·6*	88	13	47	30,31	67·8	62·6	1·47	37	-26	31	11	4	3	0	0	0	1	0	–	0	8·26	*+1·33*	52
	Cannington ..	9 9 9	95	72·7	56·1	64·4	–	82	15	46	31	–	–	0·45	11	–	5	1	7	4	0	0	0	1	0	0	0	8·62	–	54
	Long Ashton ..	9 9 9	162	72·6	54·3	63·7	*+1·9*	84	13	45	30	–	–	2·04	52	-20	39	11	7	4	0	0	0	1	0	0	0	8·10	*+1·43*	50
Dorset.	Holton Heath ..	9 9 9	64	73·5	54·8	64·1	*+2·9*	85	14	43	31	69·1	65·2	0·37	9	–	5	19	6	3	0	0	0	0	0	0	0	8·21	*+1·13*	52
	Portland Bill ..	18–7 7	32	66·5	58·1	62·3	*+1·7*	80	14	53	19,30	–	–	0·33	8	-34	3	1	5	3	0	0	0	0	0	–	0	–	–	–
	Shaftesbury ..	9 9 9	722	72·1	55·5	63·8	+3·3	85	13	49	21	–	–	0·68	17	-48	12	1	4	3	0	0	0	0	–	–	–	–	–	–
Devon.	Arlington ..	9 9 9	613	69·9	54·4	62·1	+3·0	78	12,15	47	21	–	–	1·71	43	-56	13	19	15	13	0	0	0	1	–	0	–	–	–	–
	Cullompton ¶§	9 9 9	202	75·2	54·2	64·7	+3·0	86	13,14	45	21,31	67·3	–	0·61	15	-53	7	19	8	5	0	0	0	0	0	0	–	7·80	+1·08	49
	Ilfracombe ..	9 9 9	25	66·6	59·0	62·8	*+2·1*	71	8,25	54	31	66·4	61·3	0·79	20	-42	10	19	8	3	0	0	0	0	0	0	–	7·75	*+1·08*	48

† Plant Breeding Station. ¶§ S *See* Notes on Tables on last page of this issue. ‖ On and after April 14th. observations were taken one hour earlier than the time shown.

TABLE III (*continued*).—SUMMARY of the RECORDS of TEMPERATURE, RAINFALL and SUNSHINE, and of WEATHER OBSERVATIONS, JULY, 1935

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. in.	mm.	Difference from Average. mm.	Most in a day. Amount. mm.	Date.	WEATHER. Number of days. Precip'n. 0·2 mm. or more.	1 mm. or more.	Snow.	Snow lying.	Hail.	Thunderstorm.	Fog (Morn'g Obs.)	Ground Frost.	Gale.	BRIGHT SUNSHINE. Hours per day. Daily Mean.	Difference from Average.	Per Cent.
																												hr.	hr.	%
8b. ENGLAND, S.W.—*cont.*		G.M.T.	ft.	°F.	°F.	°F.	°F.	°F.		°F.		°F.	°F.	in.	mm.	mm.	mm.													
Devon.—*cont.*	Killerton ..	9 9 9	159	73·9	53·7	63·8	+2·7	85	14	43	31	–	–	0·41	10	–	4	19	5	3	–	–	–	–	0	1	–	–	–	–
	Newton Abbot ..	9 9 9	375	73·4	55·3	64·3	–	83	14	48	31	–	–	0·16	4	–54	4	19	3	1	0	0	0	0	0	0	–	8·23	–	52
	Paignton ..	9 9 9	12	72·2	57·1	64·7	+3·2	82	14	48	31	–	–	0·16	4	–	3	19	4	1	0	0	0	0	0	0	–	8·83	+1·74	86
	Plymouth (Hoe)	2121 9	117	70·7	57·2	63·9	+2·3	80	14	50	31	67·6	61·7	0·38	10	–60	7	19	5	2	0	0	0	0	0	0	–	8·02	+1·20	50
	Plymouth (Mount Batten) ..	18–7 7	82	69·2	57·1	63·1	+2·1	79	25	50	31	–	–	0·36	9	–	5	19	4	3	0	0	0	0	0	0	0	7·90	+1·22	50
	Princetown ..	9 9 9	1430	66·8	52·7	59·7	+3·4	78	15	47	30	–	–	2·14	54	–82	26	19	12	10	0	0	0	0	4	0	–	–	–	–
	Salcombe ..	9 9 9	39	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Sidmouth ..	9 9 9	25	71·8	56·6	64·2	+3·8	83	14	49	21,31	–	–	0·59	15	–	7	18	4	4	0	0	0	0	0	(0)	–	8·23	–	52
	Tavistock ..	9 9 9	457	70·9	54·3	62·6	+2·9	81	15	48	31	–	61·4	0·76	19	–67	7	19	13	6	0	0	0	0	0	0	0	–	–	–
	Teignmouth ..	9 9 9	20	72·3	58·5	65·4	+3·5	83	14	50	31	–	–	0·10	3	–56	2	19	2	1	0	0	0	0	0	(0)	–	8·85	+1·82	56
	Torquay	9 9 9	27	71·6	57·4	64·5	+2·6	84	14	50	31	–	61·9	0·32	8	–47	4	18	4	2	0	0	0	1	0	0	0	9·35	+1·89	59
	Woolacombe ..	9 9 9	60	66·9	57·4	62·1	+1·4	76	25	52	31	–	–	0·44	11	–52	5	19	5	3	0	0	0	0	0	0	–	–	–	–
Cornwall.	Falmouth Obs. ¶§	9 9 9	167	69·8	56·9	63·3	+2·7	79	15	52	21,31	64·2	62·2	0·44	11	–61	7	19	7	3	0	0	0	0	0	0	–	7·47	+0·34	47
	Fowey	9 9 9	51	71·5	56·9	64·2	+3·0	80	24,25	49	9	–	–	0·37	9	–	3	10,19	7	4	0	0	0	0	1	–	–	7·71	+0·94	49
	Gulval	9 9 9	20	70·1	53·7	61·9	–	78	12,15	48	21	–	–	0·32	8	–	4	19	8	2	0	0	0	0	–	0	–	7·58	–	48
	The Lizard ..	18–7 7	240	67·5	56·2	61·9	–	79	24	52	30	–	–	0·20	5	–	2	19	7	1	0	0	0	0	6	–	0	–	–	–
	Newquay ..	9 9 9	190	66·0	56·4	61·2	+1·5	72	9,23	48	7,31	63·5	59·1	0·37	9	–50	3	19	11	3	0	0	0	0	1	–	0	7·00	+0·26	44
	Redruth	9 9 9	397	67·0	55·3	61·1	+1·6	75	12	50	31	–	–	0·70	18	–60	7	19	13	6	0	0	0	0	4	0	0	–	–	–
9. IRELAND, N.																														
Sligo.	Markree Cas. ¶§	2121 9	122	66·7	50·7	58·7	+1·2	75	8	37	11	61·2	56·6	1·06	27	–61	5	19	15	10	0	0	0	0	0	–	0	4·86	+0·29	30
Mayo.	Blacksod Pt. ¶	18–7 7	18	62·6	53·9	58·3	–	73	8	47	11,15	–	–	1·74	44	–36	8	18	19	13	0	0	0	0	0	0	0	–	–	–
	Mallaranny §	9 9 9	113	64·7	53·8	59·3	+1·2	75	7	48	11,24, 30	–	–	2·29	58	–	12	19	17	15	–	–	–	–	0	–	–	5·36	+0·63	32
Donegal.	Malin Head ¶§	18–7 7	84	62·9	53·1	58·0	+1·5	75	8	45	1	–	–	1·89	48	–24	9	4	15	11	0	0	0	0	0	–	0	5·15	+0·18	31
Antrim.	Aldergrove ..	18–7 7	238	67·0	51·4	59·2	–	75	22	44	1,11,31	–	–	1·06	27	–44	6	19	12	8	0	0	0	1	0	0	0	6·45	–	39
Down.	Donaghadee ..	7 7 7	40	(64·6	50·9	57·7	+0·9)	(73)	(23,24, 26)	(42)	(15,19,31)	–	–	0·84	21	–50	6	19	10	7	0	0	0	0	1	0	0	–	–	–
	Hillsborough ..	9 9 9	388	66·3	50·6	58·5	–	74	12,22	44	1,31	59·9	–	1·26	32	–	8	18	13	8	0	0	0	0	0	(0)	0	6·80	–	41
Armagh.	Armagh .. ¶§	2121 9	204	68·4	50·7	59·5	+1·0	76	22	43	30	62·7	58·4	1·12	29	–44	8	19	15	7	0	0	0	0	0	0	0	6·23	+1·57	40
Longford.	Newtownforbes ..	2121 9	154	68·1	50·1	59·1	+1·4	74	8,31	42	24,25	60·5	56·8	0·78	20	–59	5	19	9	8	0	0	0	0	–	–	–	–	–	–
10. IRELAND, S.																														
Dublin.	Balbriggan	9 9 9	203	68·4	52·3	60·3	+2·0	75	13	43	31	63·2	59·6	0·68	17	–48	7	19	9	4	0	0	1	1	0	0	–	–	–	–
	Dublin City .. ¶	2121 9	54	68·8	56·1	62·5	+2·1	76	13	49	15	–	–	0·81	21	–44	7	17	12	5	0	0	0	0	0	0	0	–	–	–
	,, Glasnevin ..	2121 9	55	69·8	52·0	60·9	+1·5	79	13	43	31	–	–	0·82	21	–44	5	13	11	6	0	0	0	0	0	0	0	–	–	–
	,, Phœnix Pk. §	2121 9	155	70·2	51·1	60·7	+2·2	79	13,23	42	31	–	–	0·62	16	–52	3	19	11	6	0	0	0	0	0	0	–	6·94	+1·39	42
	,, Trin. Coll. ..	2121 9	13	70·0	55·8	62·9	+2·9	80	13	48	25	64·2	59·2	0·58	15	–47	4	13	9	5	0	0	0	0	0	0	0	–	–	–
	Hazelhatch .. .. (Peamount San.)	9 9 9	366	69·6	50·9	60·3	–	77	12	43	25,31	63·3	60·1	0·73	19	–	8	18	7	5	–	–	–	–	0	–	–	7·08	–	43
	Rathfarnham ..	9 9 9	169	68·8	53·6	61·2	–	78	13	45	31	62·8	–	0·66	17	–	5	18	10	6	0	0	0	1	0	0	–	7·09	–	43
Wicklow.	Newcastle ..	2121 9	256	69·5	52·7	61·1	+2·2	81	13	45	31	–	–	0·96	24	–	8	19	7	5	0	0	0	0	1	–	–	–	–	–
Offaly.	Birr Castle ¶§	18–7 7	173	68·4	51·5	59·9	+0·6	78	12	42	30	61·1	57·4	0·94	24	–51	7	17	16	4	0	0	0	0	0	0	0	5·73	+0·97	35
Leix.	Mountmellick‖ ..	9 9 9	245	69·1	51·9	60·5	+1·4	77	12	45	31	–	–	0·91	23	–	6	19	10	7	–	–	–	–	–	–	–	–	–	–
Waterford.	Seskin, Carrick-on-Suir	2121 9	535	69·8	51·9	60·9	+2·2	80	22	47	1,30,31	–	–	0·57	14	–	4	9	9	6	0	0	0	0	0	0	0	7·47	+1·82	46
	Waterford ¶	9 9 9	137	70·0	53·9	61·9	+1·8	76	27	44	31	–	–	0·86	22	–59	13	9	8	4	0	0	0	0	2	–	0	–	–	–
Limerick.	Foynes	9 9 9	43	68·4	53·3	60·9	+1·4	76	22	47	1	–	–	1·59	40	–38	9	18	14	11	–	–	–	–	–	–	–	–	–	–
Kerry.	Valentia Obs. ¶§	242424	30	64·7	54·9	59·8	+0·9	72	7	48	12	62·4	58·6	1·37	35	–61	7	9	18	7	0	0	0	0	0	0	0	6·00	+0·91	37
		18–7 –	—	64·3	54·4	59·3	+0·5																							
Cork.	Ballinacurra §	9 9 9	24	68·9	53·3	61·1	+1·6	75	22	42	31	–	–	0·56	14	–57	8	9	7	4	0	0	0	0	–	–	–	7·25	+1·33	45
	Cork	9 9 9	57	70·4	53·9	62·1	–	76	22	44	31	–	–	0·50	13	–56	6	9	6	5	0	0	0	0	0	0	–	6·88	–	43
	Roche's Pt. ¶	18–7 7	22	66·1	55·3	60·7	+1·2	73	4	48	31	–	–	0·73	19	–54	7	9	8	4	0	0	0	0	1	–	0	–	–	–
11. CHANNEL ISLES AND SCILLY.																														
Scilly.	St. Mary's ¶§	18–7 7	163	66·5	56·5	61·5	+1·1	71	12	53	23	–	–	0·28	7	–49	2	19	11	2	0	0	0	0	6	–	0	7·66	+0·80	49
Guernsey.	St. Peter Port ¶§	18–7 7	175	68·1	57·2	62·7	+1·8	74	14,15	52	7	67·1	62·1	0·91	23	–28	13	1	11	6	0	0	0	1	3	0	0	8·53	+0·54	54
Jersey.	St. Heliers ¶§	9 9 9	28	70·5	58·7	64·6	+2·3	83	14	55	6	–	–	0·85	21	–32	15	8	6	3	0	0	0	1	0	–	–	9·03	+1·25	58
GIBRALTAR		18–7 7	102	83·7	69·4	76·5	+1·8	97	31	63	7	–	–	0·00	0	– 1	0	–	0	0	0	0	0	0	2	0	0	–	–	–
MALTA		18–7 7	231	83·3	72·4	77·9	–0·2	89	2,21	70	7,11 12,13,27	–	–	0·02	1	0	1	6	1	0	0	0	0	0	0	–	0	12·11	–	85

¶§ ‖ *See* Notes on Tables on last page of this issue.

‖ On and after April 14th observations were taken one hour earlier than the time shown.

TABLE III (*a*).—RIVER TEMPERATURE

Place.	River.	Hour.	Highest.	Lowest.	Mean.	Difference from Average.
			°F.	°F.	°F.	°F.
Belper	Derwent	9	–	–	–	–
Attenborough	Trent	7	72·2	65·6	69·3	–
	,,	18	74·0	67·0	70·3	–

TABLE III (*b*).—SKY OBSERVATIONS, JULY, 1935

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	31 nights
Average exposure (hours)	5·29	4·59
Polaris unobscured (per cent.)	72	72
δ Ursæ Minoris (ditto)	69	67

TABLE III (*c*).—SOLAR RADIATION.

DIRECT SOLAR RADIATION, KEW OBSERVATORY.	Cal./cm.²/diem.
Max.	830
Mean	347

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

TABLE IV.—SUMMARY of the OBSERVATIONS of PRESSURE, TEMPERATURE, HUMIDITY, CLOUD, VISIBILITY and WIND at fixed hours at certain Stations during the month of JULY, 1935

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.	4 to 7	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											
0. SCOTLAND, N.	G.M.T.	ft.	mb.	mb.	°F.	°F.	mb.	%																										
	1	160	1012·9	-	50·8	1·0	11·8	93	7·5	0	6	3	13	9	0	0	*0*	0	0	2	6	*10*	13	*0*	0	15	13	3	2	2	0	0	7	8	5	4
Shetlands. Lerwick	7	160	1012·9	+1·4	52·2	1·5	11·8	89	7·5	1	1	7	15	7	0	2	*0*	0	0	1	4	*4*	19	*1*	0	15	16	0	1	0	1	0	8	10	5	6
	13	160	1013·5	-	54·0	2·4	12·0	84	8·1	0	1	5	16	9	0	1	*0*	0	1	0	3	*6*	20	*0*	0	19	12	0	1	0	1	0	6	10	7	6
	18	160	1013·5	-	53·6	2·1	12·2	86	7·6	0	2	4	19	6	0	0	*0*	1	0	2	2	*8*	17	*1*	0	16	15	0	1	1	1	1	6	9	7	5
	9	165	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Orkneys. Deerness	21	165	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1	83	1014·9	-	53·2	1·5	12·3	90	7·7	0	4	4	14	9	*0*	0	0	0	0	2	4	18	7	0	0	8	23	0	2	0	0	2	6	12	4	5
Hebrides. Stornoway ..	7	83	1014·9	+2·7	54·5	2·1	12·7	86	8·2	1	1	2	20	7	*0*	0	0	0	0	1	3	6	18	3	0	8	22	1	1	0	0	1	10	10	4	4
	13	83	1015·0	-	58·0	3·9	12·6	77	8·4	1	0	2	21	7	*0*	0	0	0	0	0	3	7	15	6	0	19	12	0	1	0	0	2	9	9	5	5
	18	83	1014·9	-	57·4	3·6	12·3	77	8·2	1	0	3	21	6	*0*	0	0	0	0	0	4	6	16	5	0	16	14	1	1	0	0		8	9	4	6
	1	79	1014·4	-	52·1	0·9	12·4	93	7·7	0	0	11	15	5	0	0	0	*0*	0	*0*	*0*	*2*	*29*	*0*	0	7	24	0	1	0	0	1	9	7	6	7
Caithness. Wick	7	79	1014·4	+2·0	54·8	1·6	13·2	89	8·1	0	0	7	17	7	0	0	0	*0*	0	*0*	*0*	*6*	*25*	*0*	0	8	23	0	2	0	1	2	6	10	4	6
	13	79	1014·7	-	57·8	2·3	14·1	85	8·3	0	0	5	21	5	0	0	0	*0*	0	*0*	*0*	*5*	*26*	*0*	0	10	21	0	4	2	0	3	6	6	3	7
	18	79	1014·7	-	56·8	2·1	13·8	87	8·0	0	2	6	16	7	0	1	0	*0*	0	*0*	*0*	*4*	*26*	*0*	0	9	22	0	3	0	2	5	5	4	6	8
	7	1180	974·5	-	53·3	3·0	10·9	79	7·0	1	4	8	6	12	0	0	0	0	0	0	3	9	19	*0*	0	6	24	1	1	1	1	3	4	13	3	4
Inverness. Dalwhinnie † ..	13	1180	974·4	-	61·2	6·8	11·3	61	7·4	0	5	7	5	14	0	0	0	0	0	0	0	4	27	*0*	0	9	22	0	2	1	0	0	3	11	9	5
	18	1180	974·3	-	58·9	5·4	11·6	69	7·3	0	6	6	4	15	0	0	0	0	0	0	2	7	22	*0*	0	10	21	0	2	1	0	1	3	10	6	8
	9	250	1015·4	-	58·4	4·8	11·7	71	5·3	1	7	10	12	1	*0*	*0*	*0*	*0*	*1*	*0*	2	*4*	16	8	0	10	21	0	1	1	0	0	12	8	8	1
Inverness. Inverness	17	250	1015·1	-	62·2	5·9	12·7	67	5·4	0	7	14	9	1	*0*	*0*	*0*	*0*	*0*	*0*	1	*2*	16	12	0	18	11	2	0	1	1	0	8	9	7	3
1. SCOTLAND, E.																																		
	7	85	1015·9	+2·9	57·4	3·9	12·3	76	5·8	3	6	4	16	2	0	0	0	1	1	1	2	*4*	22	*0*	0	9	18	4	0	0	0	1	7	5	8	6
	13	85	1015·8	+2·8	62·4	5·7	13·3	69	6·3	2	5	6	16	2	0	0	1	0	0	1	4	*7*	16	*2*	0	14	16	1	2	0	1	7	10	2	2	6
Aberdeen. Aberdeen H	18	85	1015·9	+3·0	60·5	4·9	13·0	72	6·0	1	8	5	14	3	0	0	0	0	1	1	5	*5*	18	*1*	0	13	17	1	2	2	1	2	10	3	4	6
	21	85	1016·2	+2·9	57·2	3·5	12·6	79	5·8	1	7	7	13	3	0	0	0	0	0	2	6	*10*	13	*0*	0	2	28	1	1	1	1	3	10	2	5	7
	h.*	85	1015·8	+2·8	58·3	4·2	12·6	76																												
Aberdeen. Braemar‡	9	1108	1016·5	-	58·4	5·8	10·8	65	7·2	2	2	5	15	7	*0*	*0*	*0*	*0*	*0*	*0*	*2*	*21*	*8*	*0*	0	6	23	2	1	0	1	0	2	9	12	4
Perth. Crieff	9	482	1016·6	-	59·6	5·0	12·5	71	6·9	0	5	8	11	7	-	-	-	-	-	-	-	-	-	-	0	16	15	0	3	0	3	0	2	5	17	1
	21	482	1016·2	-	56·4	3·2	12·2	80	6·7	1	5	6	10	9	-	-	-	-	-	-	-	-	-	-	0	8	23	0	3	0	5	0	1	4	17	1
	1	184	1017·3	-	55·0	1·5	13·3	90	6·3	0	9	7	9	6	*0*	0	0	2	0	0	1	5	*23*	*0*	0	6	25	0	2	3	2	1	1	19	3	0
Fife. Inchkeith	7	184	1017·5	-	54·5	1·4	13·4	91	7·7	0	2	6	15	8	0	0	0	1	2	4	3	3	*18*	*0*	0	10	21	0	1	4	3	1	0	17	5	0
	13	184	1017·2	-	61·1	4·7	13·4	73	7·5	0	4	3	20	4	0	0	0	1	*0*	0	1	6	*23*	*0*	0	13	18	0	1	3	3	0	1	17	4	2
	18	184	1016·8	-	60·5	4·3	13·8	75	7·6	0	1	6	18	6	0	0	0	0	*0*	1	0	5	*24*	*1*	0	15	16	0	2	2	3	1	1	12	9	1
	7	36	1017·0	-	55·7	5·4	12·8	85	6·7	1	8	2	12	8	0	0	1	0	1	0	5	8	*8*	*8*	0	8	19	4	0	0	3	1	0	7	14	2
Fife. Leuchars H	13	36	1016·6	-	65·7	7·2	13·7	64	6·5	0	7	6	14	4	0	0	0	0	0	1	3	7	*11*	*9*	0	15	16	0	0	1	5	1	3	10	8	3
	18	36	1016·4	-	63·1	6·0	13·4	68	6·5	2	4	6	14	5	0	0	0	0	0	0	1	7	*11*	*12*	0	12	19	0	1	0	7	2	1	6	10	4
Mid Lothian. Edinburgh ..	9	441	1017·3	-	60·3	5·3	12·2	69	6·1	2	6	6	11	6	0	1	0	0	1	4	22	*3*	*0*	0	0	5	25	1	1	4	1	0	1	8	7	8
(Blackford Hill)	21	441	1017·3	-	57·4	3·9	12·0	76	5·9	4	5	6	9	7	0	0	0	1	0	5	20	*2*	*2*	1	0	7	22	2	0	0	1	2	0	7	18	1
6a. SCOTLAND, W.																																		
	7	40	1016·9	-	56·6	2·3	13·6	85	7·1	1	3	5	18	4	0	0	0	0	0	0	4	15	*12*	0	0	15	16	0	2	0	0	4	7	6	8	4
Argyll. Tiree	13	40	1017·2	-	59·9	3·4	14·1	80	6·3	1	7	5	15	3	0	0	0	0	0	0	3	11	*12*	5	0	20	11	0	1	0	0	4	6	6	10	4
	18	40	1017·0	-	58·4	2·8	13·6	83	6·0	1	7	6	14	3	0	0	0	0	0	0	4	10	*12*	5	0	16	15	0	1	0	1	3	3	9	10	4
	9	187	1017·9	-	59·2	2·8	14·2	83	6·4	0	7	3	19	2	0	0	0	*0*	*0*	*1*	11	*4*	*15*	*0*	0	14	17	0	0	2	4	0	4	2	5	14
Bute. Rothesay	21	187	1017·8	-	56·7	1·9	14·0	88	6·6	0	5	8	12	6	0	0	1	*1*	*0*	*5*	7	*6*	*10*	*1*	0	10	15	6	1	0	0	2	2	3	5	12
	7	24	1017·7	-	56·0	2·1	13·3	87	7·0	3	5	0	17	6	0	0	0	0	1	5	7	2	*13*	*3*	0	6	19	6	0	1	0	0	1	12	9	2
Renfrew. Renfrew	13	24	1017·4	-	64·4	7·1	13·0	63	7·2	0	4	6	13	8	0	0	0	0	0	1	3	3	*15*	*9*	0	17	14	0	0	3	0	1	3	11	11	2
(Abbotsinch)	18	24	1017·1	-	62·6	5·7	13·3	69	6·7	1	5	7	12	6	0	0	0	0	0	3	4	1	*14*	*9*	0	13	18	0	0	2	1	1	3	9	11	4
	7	778	1018·2	-	55·4	2·8	12·3	82	6·4	4	4	4	13	6	0	0	0	0	0	0	6	*8*	*15*	*2*	0	6	17	8	1	2	1	1	4	7	5	2
Dumfries. Eskdalemuir‡‡ H	13	778	1017·5	-	62·6	5·9	13·3	68	7·2	0	3	7	15	6	0	0	0	0	1	1	2	*5*	*22*	*0*	0	16	15	0	2	1	0	1	6	11	7	3
	18	778	1017·4	-	61·2	5·4	13·0	71	6·2	1	6	8	9	7	0	0	0	0	0	0	*3*	*8*	*19*	*1*	0	12	18	1	0	1	0	1	2	10	10	6
	21	778	1018·1	-	54·9	2·3	12·5	85	5·6	1	9	8	6	7	0	0	0	0	0	2	*7*	*3*	*19*	*0*	0	8	20	3	4	3	0	0	3	4	7	7
	h.*	778	1017·5	-	56·7	3·6	12·4	80																												
6b. ISLE OF MAN.																																		
Isle of Man. Douglas .. H	9	286	1019·7	+5·0	59·7	3·6	13·6	77	6·6	0	8	3	15	5	0	0	0	*0*	2	0	*2*	*3*	*24*	*0*	1	8	22	0	1	1	2	3	1	4	14	5
	7	31	1019·2	-	58·4	2·5	13·9	85	6·6	0	6	7	10	8	0	0	0	0	0	0	0	*7*	*24*	0	0	12	19	0	5	0	0	2	3	2	8	11
Point of Ayre	13	31	1019·5	-	65·2	6·2	14·2	67	5·9	1	8	6	12	4	0	0	0	0	0	0	1	*3*	*27*	0	0	13	18	0	2	1	2	0	3	4	7	12
	18	31	1018·8	-	63·9	5·7	14·1	69	5·7	3	6	6	11	5	0	0	0	0	0	0	2	*2*	*27*	0	0	13	18	0	2	1	0	2	1	4	11	10
2. ENGLAND, N.E.																																		
	9	331	1017·8	-	60·1	4·4	13·1	74	6·1	3	3	12	7	6	0	0	0	0	0	*0*	5	*4*	13	*9*	1	3	24	3	1	0	0	2	3	2	6	14
Northumberland. Cockle Park ..	21	331	1018·2	-	54·6	1·6	13·2	89	5·9	0	11	7	5	8	0	1	1	0	0	*0*	2	*6*	17	*4*	0	1	25	5	0	1	0	1	1	1	8	16
	1	122	1017·9	-	56·7	2·3	13·6	85	5·9	0	9	10	4	8	0	0	0	1	0	0	9	*16*	5	*0*	0	2	28	1	2	0	1	0	5	3	15	4
Northumberland. Tynemouth ..	7	122	1017·9	+4·2	57·3	2·7	13·2	83	6·2	0	7	8	13	3	0	0	1	1	1	0	13	*12*	3	*0*	0	3	28	0	4	1	0	0	4	4	13	5
	13	122	1017·8	-	63·2	5·4	13·3	71	3·2	0	3	15	12	1	0	0	0	0	0	0	7	*14*	10	*0*	0	5	26	0	3	2	3	5	2	2	11	3
	18	122	1017·6	-	62·9	5·6	13·6	69	6·2	0	4	15	8	4	0	0	0	0	0	0	4	*12*	15	*0*	0	6	25	0	1	3	2	6	3	1	14	1

* Mean of hourly readings. † Pressure at Station level. ‡ Mean pressure at Station Level is 976·6 mb.
‡‡ Mean pressures at Station Level are 989·9mb. at 7 h., 989·7 mb. at 13 h., 989·5 mb. at 18 h., and 989·8 mb. at 21 h.

TABLE IV (*continued*).—SUMMARY of the OBSERVATIONS of PRESSURE, TEMPERATURE, HUMIDITY, CLOUD, VISIBILITY and WIND at fixed hours at certain Stations during the month of JULY, 1935

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.	4 to 7	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.—*cont.*																																			
Durham.	Durham ..	..	9	352	1018·7	–	62·4	5·7	12·9	69	6·1	4	6	2	11	8	0	0	0	0	1	2	10	5	*13*	*0*	0	2	24	5	2	1	0	1	5	4	11	2
			21	352	1018·7	–	57·6	3·3	13·1	79	4·8	8	8	1	8	6	0	0	0	1	1	4	7	10	*8*	*0*	0	1	22	8	0	1	0	1	5	4	8	4
Yorks., N. Riding	Catterick ..	H	7	186	1018·7	–	58·1	2·4	14·1	85	6·5	2	5	5	13	6	0	0	0	0	0	4	*6*	4	*17*	*0*	0	5	21	5	3	3	0	0	7	2	6	5
			13	186	1018·1	–	68·1	8·0	14·4	61	6·1	2	5	8	14	2	0	0	0	0	0	0	*5*	7	*17*	*2*	0	10	21	0	3	3	2	2	4	1	8	8
			18	186	1018·1	–	65·2	6·3	14·4	68	6·0	3	3	8	13	4	0	0	0	0	0	0	*3*	5	*17*	*6*	0	6	24	1	0	4	3	3	3	0	10	7
Yorks., N. Riding	Scarborough ..		9	96	1018·4	–	64·6	6·2	14·2	67	4·4	0	20	3	7	1	0	1	0	0	2	0	7	13	*8*	*0*	0	7	24	0	3	0	0	6	1	1	7	13
	York ..	..	9	53	1019·3	–	64·0	6·2	13·6	67	5·6	5	6	5	8	7	–	–	–	–	–	–	–	–	–	–	0	1	30	0	10	1	3	0	5	1	9	2
			21	53	1019·2	–	61·8	5·1	13·5	71	4·2	6	8	8	6	3	–	–	–	–	–	–	–	–	–	–	0	0	31	0	6	2	4	2	2	1	14	0
Yorks., E. Riding	Spurn Head ..		1	28	1018·7	–	59·0	2·2	14·8	87	5·3	2	8	9	10	2	*0*	*1*	*0*	*0*	0	*1*	*7*	10	12	*0*	0	18	13	0	4	3	1	1	4	4	6	8
			7	28	1019·0	+4·6	59·9	2·4	15·1	86	5·9	0	9	8	11	3	*0*	*0*	*0*	1	0	*1*	*8*	10	11	*0*	0	16	14	1	3	1	2	2	3	4	6	9
			13	28	1018·9	–	65·2	5·0	15·5	73	6·2	0	6	9	15	1	*0*	*0*	*0*	*0*	0	*0*	*5*	18	8	*0*	0	25	6	0	2	5	5	8	1	0	5	5
			18	28	1018·4	–	63·2	3·9	15·4	78	5·6	3	7	8	11	2	*0*	*0*	*0*	1	0	*0*	*4*	15	11	*0*	0	26	5	0	2	4	2	9	2	1	5	6
Lincoln.	Cranwell ..	H	7	243	1019·8	–	59·1	3·3	13·8	81	5·8	5	6	2	15	3	0	0	0	1	*1*	1	15	8	5	*0*	0	8	21	2	2	2	1	2	1	4	13	4
			13	243	1019·2	–	71·6	10·8	13·7	52	6·3	1	5	7	15	3	0	0	0	0	*0*	0	6	13	12	*0*	0	8	23	0	1	3	3	3	0	4	11	6
			18	243	1018·8	–	69·4	9·6	13·5	54	5·3	5	4	6	16	0	0	0	0	0	*0*	0	3	11	16	*1*	0	10	21	0	0	7	5	1	1	3	9	5
3. ENGLAND, E.																																			
Norfolk.	Cromer ..	H	9	74	1018·9	–	63·9	4·8	15·0	73	5·8	2	3	15	9	2	0	0	0	1	0	0	*3*	*2*	*24*	*1*	0	4	27	0	7	1	4	3	2	3	5	6
			1	26	1019·4	–	59·3	2·5	14·5	85	3·0	13	8	4	5	1	0	0	0	0	*0*	0	*9*	*22*	0	*0*	0	5	24	2	2	3	1	0	3	9	7	4
Norfolk.	Yarmouth..	..	7	26	1019·7	+4·6	59·1	2·4	14·6	85	5·3	3	8	7	11	2	0	0	0	0	*0*	1	*18*	*12*	0	*0*	0	6	24	0	0	6	2	1	0	5	11	6
			13	26	1019·8	–	67·0	6·5	15·1	67	5·1	3	7	12	7	2	0	0	0	0	*0*	0	*11*	*20*	0	*0*	0	12	19	0	5	7	4	2	0	4	6	3
			18	26	1019·1	–	65·9	5·4	15·6	72	5·1	2	7	12	9	1	0	0	0	0	*0*	0	*11*	*20*	0	*0*	0	7	22	2	6	6	3	2	1	5	2	4
Suffolk.	Felixstowe Aero.		7	20	1019·7	–	62·0	3·9	14·8	77	4·9	3	9	9	8	2	0	0	0	0	0	3	10	*9*	*9*	*0*	0	8	20	3	1	7	2	0	0	5	6	7
			13	20	1019·5	–	69·2	8·5	14·2	59	4·6	0	14	6	11	0	0	0	0	0	0	0	6	*9*	*14*	*2*	0	13	18	0	1	5	7	3	2	3	8	2
			18	20	1019·0	–	67·2	7·1	14·5	64	4·4	3	15	2	9	2	0	0	0	0	0	0	1	*15*	*11*	*4*	0	13	18	0	2	10	5	2	1	3	5	3
Cambridge.	Cambridge	H	9	43	1019·7	+4·3	67·1	6·7	15·9	69	6·3	3	2	9	8	9	–	–	–	–	–	–	–	–	–	–	0	5	28	0	6	6	2	2	0	3	7	5
			21	43	1019·7	+4·4	62·8	4·2	15·1	77	4·2	10	7	2	7	5	–	–	–	–	–	–	–	–	–	–	0	3	24	4	2	5	1	3	2	4	4	6
Hertford.	Rothamsted	..	9	396	1019·4	–	65·0	5·8	14·6	69	4·9	5	8	4	10	4	0	0	0	*0*	0	*1*	*30*	*0*	*0*	*0*	0	2	19	10	5	2	3	0	1	3	3	4
Essex.	Shoeburyness	H	7	14	1020·1	–	62·8	2·4	17·0	86	5·4	6	6	5	7	7	0	0	0	0	2	4	10	10	5	0	0	6	23	2	2	5	3	1	1	4	5	8
			13	14	1019·2	–	71·2	6·5	18·0	69	5·0	1	11	5	14	0	0	0	0	0	0	0	6	14	11	0	0	7	24	0	1	5	6	4	2	3	8	2
			18	14	1019·3	–	68·3	5·0	17·2	75	4·8	6	7	5	12	1	0	0	0	0	0	0	3	9	18	1	0	6	24	1	0	5	8	3	0	3	5	6
4. MIDLAND COUNTIES.																																			
Yorks., W. Riding	Harrogate ..		9	478	1019·0	–	62·3	5·1	13·5	71	5·7	3	8	3	14	3	0	0	*0*	0	0	1	11	*6*	6	7	0	4	26	1	3	1	1	3	2	11	9	0
Nottingham.	Nottingham ..		9	215	1019·0	–	64·8	4·8	15·7	75	5·1	4	6	10	6	5	0	0	0	0	1	4	19	6	*1*	*0*	0	8	23	0	1	4	1	2	2	4	16	1
Warwick.	Birmingham	H	7	542	1020·4	–	59·0	3·5	13·6	80	5·9	4	5	4	15	2	0	0	0	0	0	7	9	8	*7*	*0*	0	1	30	0	4	4	2	2	3	7	5	3
			13	542	1019·5	–	69·3	10·2	12·7	53	5·4	2	5	10	13	1	0	0	0	0	0	1	7	2	*21*	*0*	0	8	23	0	4	2	2	3	2	4	7	7
			18	542	1019·0	–	69·1	9·8	13·1	54	5·6	2	6	6	17	0	0	0	0	0	0	0	3	6	*22*	*0*	0	4	26	1	4	1	2	3	3	4	6	7
Oxford.	Oxford ..	..	9	212	1020·3	+4·2	65·5	6·0	14·4	69	4·8	7	5	6	10	3	0	0	*0*	0	0	0	11	6	12	*2*	0	3	28	0	4	7	1	2	1	7	7	2
Shropshire.	Shrewsbury	H	9	186	1020·1	–	64·3	5·6	14·6	71	5·6	4	3	11	10	3	0	0	0	0	0	0	1	4	26	*0*	0	11	18	2	7	0	2	3	1	3	11	2
Hereford.	Ross-on-Wye	H	7	226	1020·2	–	59·6	3·2	14·3	81	6·1	5	4	4	13	5	*0*	*0*	0	0	0	1	11	5	13	*1*	0	0	30	1	8	3	1	1	1	6	4	6
			13	226	1019·4	–	71·0	9·6	14·5	56	5·8	1	7	9	12	2	*0*	*0*	0	0	0	1	2	11	11	*6*	0	5	26	0	5	3	3	2	2	5	6	5
			18	226	1019·1	–	70·0	8·7	14·9	59	5·1	2	11	8	8	2	*0*	*0*	0	0	0	0	4	9	12	*6*	0	4	27	0	6	2	2	3	0	6	7	5
			21	226	1019·8	–	62·9	4·5	14·6	75	5·1	1	14	1	13	2	*0*	*0*	0	0	0	0	11	7	8	*5*	0	1	29	1	4	2	3	2	0	7	9	3
Gloucester.	Cheltenham	H	9	230	1020·6	–	66·1	6·1	14·8	68	5·5	5	5	8	10	3	0	*0*	0	0	1	4	6	9	*11*	0	0	0	24	7	1	0	0	0	0	4	16	3
			21	230	1020·2	–	64·4	4·7	15·5	75	5·6	0	6	14	9	2	0	*0*	0	0	1	0	3	5	*22*	0	0	0	30	1	1	0	0	0	1	4	19	5
5. ENGLAND, S.E.																																			
London.	*g*Greenwich	H	9	152	1020·2	+4·2	67·8	7·3	15·0	64	5·9	4	5	2	18	2	0	0	0	0	0	2	14	11	4	*0*	0	8	23	0	5	7	3	1	1	6	6	2
			15	152	1019·1	+3·7	75·5	12·2	14·6	49	5·5	1	11	4	13	2	0	0	0	0	0	0	3	14	14	*0*	0	10	21	0	4	1	7	2	2	4	10	1
			21	152	1020·0	+4·1	63·9	5·3	14·5	71	4·1	9	9	1	7	5	0	0	0	0	0	1	7	13	10	*0*	0	11	20	0	2	1	8	4	2	3	7	4
			h.*	152	1019·8	+4·0	66·0																														
London.	Kew Observatory	H	7	34	1020·5	+4·5	61·7	4·0	14·4	77	5·1	10	3	2	11	5	0	0	0	0	1	3	14	9	4	*0*	0	0	28	3	3	5	3	0	0	8	6	3
			13	34	1019·8	+4·1	72·1	10·5	14·1	52	6·6	3	2	6	16	4	0	0	0	0	0	0	4	12	15	*0*	0	4	26	1	5	6	4	0	2	4	8	1
			18	34	1019·2	+4·0	72·7	10·7	14·3	52	5·2	4	5	10	11	1	0	0	0	0	0	0	4	9	18	*0*	0	3	28	0	1	3	4	3	2	2	10	6
			21	34	1020·1	+4·2	65·6	6·8	14·1	65	3·9	8	10	3	7	3	0	0	0	0	0	2	8	11	10	*0*	0	1	29	1	1	1	9	1	0	7	8	3
			h.*	34	1020·0	+4·2	66·2	6·9	14·2	66																											
London.	Kensington	..	9	66	1020·3	–	67·1	6·8	14·8	65	4·6	6	5	9	10	1	0	0	0	0	0	*3*	18	7	*3*	*0*	0	0	31	0	1	7	2	1	0	5	6	9
			15	—	–	–	74·8	12·2	14·1	47	4·9	3	4	15	9	0	–	–	–	–	–	–	–	–	–	–	0	2	29	0	1	5	5	2	0	5	3	10
			18	—	–	–	73·2	11·2	13·9	50	4·8	3	11	5	10	2	–	–	–	–	–	–	–	–	–	–	0	2	29	0	2	6	2	3	1	4	4	9
London.	Stroud Green	..	7	237	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Surrey.	Croydon Aero.	H	1	225	1019·9	–	58·9	2·8	14·3	83	3·6	12	6	2	10	1	0	0	0	0	0	0	12	7	*12*	*0*	0	1	25	5	0	4	2	0	4	7	8	1
			7	225	1020·2	–	60·6	3·3	14·6	81	6·0	4	4	7	12	4	0	0	0	1	0	6	12	3	*8*	*1*	0	1	27	3	1	6	2	0	0	7	6	6
			13	225	1019·5	–	72·0	10·6	14·0	53	6·1	2	5	6	17	1	0	0	0	0	0	1	2	3	*24*	*1*	0	8	22	1	3	6	4	0	0	8	5	4
			18	225	1018·9	–	71·2	10·1	14·1	54	4·9	1	14	6	9	1	0	0	0	0	0	0	2	4	*23*	*2*	0	7	24	0	1	4	6	1	0	6	6	7
Surrey.	Wisley ..	..	9	85	1020·1	–	66·9	5·9	15·7	70	5·7	5	6	2	13	5	0	0	0	0	0	1	13	17	*0*	*0*	0	0	29	2	6	4	2	0	0	8	3	6

* Mean of hourly readings. *g* Temperature from thermometers on a Glaisher stand.

TABLE IV (*continued*).—SUMMARY of the OBSERVATIONS of PRESSURE, TEMPERATURE, HUMIDITY, CLOUD, VISIBILITY and WIND at fixed hours at certain Stations during the month of JULY, 1935

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
5. ENGLAND, S.E.—*cont.*	G.M.T	ft.	mb.	mb.	°F.	°F.	mb.	%						
Kent. Biggin Hill H	7	572	1020·8	-	59·9	3·1	14·5	82	5·5	5	8	3	9	6
	13	572	1019·9	-	70·1	9·7	13·8	55	5·9	1	6	9	14	1
	18	572	1019·6	-	68·5	8·8	13·8	58	4·5	3	12	4	12	0
Kent. Dungeness ..	7	—	-	-	60·9	2·5	15·6	85	5·6	4	6	7	10	4
	13	—	-	-	67·6	5·8	16·5	71	5·2	1	9	9	12	0
	18	—	-	-	65·6	4·3	13·9	77	4·5	3	12	6	9	1
Kent. Lympne .. H	1	345	1020·4	-	57·9	2·3	14·2	86	3·6	13	5	4	5	4
	7	345	1020·4	-	60·5	2·9	15·1	83	5·8	2	9	4	11	5
	13	345	1020·1	-	69·8	8·8	14·6	59	4·8	1	12	5	13	0
	18	345	1019·6	-	67·0	6·7	15·0	66	4·3	6	9	5	11	0
Kent. Manston	7	141	1019·8	-	62·2	3·7	15·1	79	6·0	2	9	4	12	4
	13	141	1019·7	-	69·7	9·0	14·2	57	4·9	2	10	5	14	0
	18	141	1018·8	-	67·3	7·3	14·6	64	4·1	5	10	6	10	0
Kent. Tunbridge Wells ..	9	407	1020·6	-	65·9	5·3	15·7	73	5·5	5	4	9	8	5
Sussex. Brighton .. H	9	48	1020·6	-	65·8	4·8	16·9	77	5·2	8	3	8	3	9
Sussex. St. Leonards H	9	174	1020·0	-	66·7	5·7	15·9	71	4·8	5	7	7	9	3
	21	174	1019·8	-	61·9	3·9	14·8	78	3·0	14	7	2	5	3
Hampshire. Calshot	7	15	1020·5	-	61·8	2·7	16·1	85	5·6	5	4	6	8	8
	13	15	1020·2	-	71·0	7·0	16·1	67	5·3	2	7	10	8	4
	18	15	1019·6	-	68·9	6·0	17·1	71	3·8	3	12	8	7	1
Hampshire. Southampton ..	9	84	1020·8	+4·4	64·0	4·5	15·4	75	4·7	11	2	5	6	7
	21	84	1020·8	+4·5	65·3	5·6	14·8	71	3·2	14	7	1	4	5
Hampshire. S. Farnborough H	7	256	1020·4	-	60·1	2·6	15·0	84	5·9	4	5	7	10	5
	13	256	1019·5	-	74·8	11·3	15·1	51	6·0	2	4	9	15	1
	18	256	1019·1	-	71·2	9·1	15·2	59	5·0	1	9	10	9	2
I. of Wight. Ventnor (Hosp.) ..	9	80	1020·5	-	66·0	5·1	16·0	73	5·7	5	6	4	7	9
	15	80	1020·2	-	69·0	6·2	16·6	69	4·0	5	12	6	6	2
Wilts. Amesbury H	7	418	1020·5	-	58·6	2·1	14·9	87	5·7	5	6	4	9	7
	13	418	1019·9	-	70·7	9·4	14·6	58	6·2	1	6	7	14	3
(Boscombe Down)	18	418	1019·4	-	69·2	8·1	15·0	62	5·3	0	11	6	13	1
Wilts. Larkhill .. H	9	444	1020·3	-	64·9	5·4	15·1	71	5·4	0	12	5	9	5
	13	444	1019·7	-	70·9	9·3	14·9	58	5·4	1	9	7	11	3
	15	444	1019·6	-	71·7	9·5	15·0	57	5·6	0	8	10	10	3
7a. ENGLAND, N.W.														
Lancashire. Hutton	9	86	-	-	63·1	4·9	14·3	73	5·8	4	3	9	12	3
Lancashire. Manchester H (Barton)	7	83	1019·7	-	58·5	2·6	14·3	85	6·5	5	2	5	10	9
	13	83	1019·5	-	68·1	8·0	14·0	60	6·6	1	6	8	9	7
	18	83	1019·1	-	66·2	7·2	14·0	64	5·4	2	11	4	11	3
Lancashire. Manchester (Whitworth Pk.)	9	127	1019·6	-	60·6	3·7	14·4	79	6·1	0	7	9	14	1
	21	127	1019·2	-	63·9	5·4	14·4	71	5·5	0	10	6	15	0
Lancashire. Southport * H (Bedford Rd. Park)	9	34	1019·7	+4·4	63·4	5·5	14·1	71	7·2	1	5	3	13	9
	13	34	1019·8	+4·5	66·1	7·0	14·2	65	6·3	0	10	4	11	6
	18	34	1019·3	+4·4	65·1	6·1	14·5	68	6·5	1	9	0	14	7
	21	34	1019·6	+4·3	60·9	3·6	14·5	79	6·6	0	9	2	15	5
Lancashire. Stonyhurst ..	9	381	1019·7	-	62·1	4·9	13·7	73	6·6	3	5	2	14	7
	21	381	1020·1	-	59·2	2·7	14·3	84	6·1	2	8	4	7	10
Cheshire. Bidston Obs'y. ..	9	202	1020·1	-	61·5	4·3	13·8	75	6·2	4	2	8	16	1
	21	202	1019·8	-	60·4	3·6	13·9	79	6·3	2	6	5	15	3
7b. NORTH WALES.														
Flint. Sealand .. H	7	19	1020·0	-	59·3	3·0	14·2	82	6·6	4	3	3	18	3
	13	19	1020·0	-	66·6	7·0	14·5	65	6·1	1	9	4	14	3
	18	19	1019·6	-	64·9	6·3	14·2	68	5·8	2	5	8	13	3
Anglesey. Holyhead .. H	1	29	1019·6	-	57·5	1·7	14·4	89	6·3	3	6	4	12	6
	7	29	1019·8	+4·9	58·2	2·2	14·4	86	6·6	0	8	4	11	8
	13	29	1020·1	-	62·1	3·9	14·8	78	6·2	0	7	9	9	6
	18	29	1019·6	-	61·1	3·8	14·4	79	6·2	1	7	5	13	5
Carnarvon. Llandudno ..	9	33	1020·1	-	62·1	4·1	14·6	77	5·8	5	3	6	15	2
8a. SOUTH WALES.														
Pembroke. St. Ann's Head ..	1	152	1019·9	-	57·4	1·4	14·5	91	6·8	1	7	6	6	11
	7	152	1020·0	+4·5	57·9	1·7	14·7	89	7·5	0	4	5	14	8
	13	152	1020·4	-	62·5	3·8	15·5	79	6·6	0	5	8	15	3
	18	152	1019·9	-	61·0	3·7	14·4	79	6·7	0	6	8	13	4

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.	4 to 7	1 to 3	Calm.	DIRECTION. N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
0	0	1	1	1	2	10	*10*	6	*0*	0	1	29	1	4	5	2	0	2	9	5	3
0	0	0	0	0	0	0	*9*	19	*3*	0	4	26	1	3	6	3	1	1	6	7	3
0	0	0	0	0	0	0	*12*	10	*9*	0	5	25	1	2	7	4	1	3	4	8	1
0	0	0	0	0	4	10	*17*	*0*	0	0	3	28	0	3	8	2	0	0	8	3	7
0	0	0	0	0	1	14	*16*	*0*	0	0	11	20	0	2	7	4	0	2	15	0	1
0	0	0	0	0	0	10	*21*	*0*	0	0	15	16	0	0	8	5	1	2	14	1	0
0	0	0	0	0	2	7	10	12	0	0	4	25	2	6	5	4	0	0	3	5	6
0	0	0	0	1	3	*10*	8	9	0	0	3	27	1	7	5	4	0	0	2	8	4
0	0	0	0	0	0	*2*	11	17	1	0	13	18	0	5	5	4	3	2	7	5	0
0	0	0	0	0	1	*2*	11	16	1	0	10	21	0	1	8	2	3	2	9	6	0
0	0	0	0	0	1	10	*10*	*10*	0	0	11	18	2	2	4	3	2	2	5	5	6
0	0	0	0	0	0	11	*5*	*15*	0	0	17	14	0	3	7	2	4	0	6	5	4
0	0	0	0	0	0	4	*11*	*16*	0	0	16	15	0	2	9	4	3	2	3	6	2
0	0	0	0	0	1	6	13	11	0	0	1	30	0	4	5	1	0	0	7	5	9
0	0	0	0	0	2	12	4	13	0	0	8	23	0	1	8	1	1	3	8	8	1
0	0	0	0	0	1	22	*6*	*2*	0	0	4	26	1	1	10	0	3	2	9	2	3
0	0	0	0	1	0	23	*7*	*0*	0	0	2	26	3	0	10	2	2	1	6	1	6
0	1	0	0	0	2	7	7	14	0	0	4	25	2	6	1	2	0	0	5	7	8
0	0	0	0	0	0	6	8	17	0	0	12	18	1	3	1	2	7	4	10	1	2
0	0	0	0	0	0	3	10	18	0	0	16	14	1	3	0	3	2	2	13	3	4
0	0	0	0	2	*27*	12	0	0	0	0	0	27	4	2	7	2	0	0	4	6	6
0	0	0	0	1	*3*	28	1	0	0	0	1	23	7	0	1	3	1	0	7	4	8
0	0	0	0	2	2	11	12	*4*	0	0	1	24	6	1	3	3	0	0	6	8	4
0	0	0	0	0	1	7	16	*7*	0	0	7	23	1	2	2	6	1	1	4	11	3
0	0	0	0	0	0	2	15	*14*	0	0	3	27	1	2	4	2	2	4	2	12	2
-	-	-	-	-	-	-	-	-	-	0	10	21	0	1	2	7	4	0	2	12	3
-	-	-	-	-	-	-	-	-	-	0	8	23	0	2	1	0	3	3	4	17	1
0	0	0	0	0	3	13	13	*2*	0	0	4	19	8	7	1	3	0	1	3	7	1
0	0	0	0	0	0	8	13	*10*	0	0	7	24	0	2	6	3	2	2	2	12	2
0	0	0	0	0	1	8	9	*13*	0	0	7	23	1	5	3	1	1	5	3	8	4
0	0	0	0	0	0	4	6	21	0	0	5	23	3	4	7	2	1	2	3	6	3
0	0	0	0	0	0	0	6	25	0	0	7	20	4	4	4	3	2	0	2	10	2
0	0	0	0	0	0	2	5	24	0	0	4	23	4	3	5	3	1	2	1	11	1
-	-	-	-	-	-	-	-	-	-	0	1	30	0	0	2	1	3	4	5	9	7
0	0	0	2	4	*8*	7	5	5	0	0	6	20	5	2	1	2	2	3	4	5	7
0	0	0	0	0	*0*	6	8	17	0	0	15	16	0	2	1	0	1	2	3	9	13
0	0	0	0	1	*0*	3	5	22	0	0	14	17	0	1	0	1	1	3	1	7	17
-	-	-	-	-	-	-	-	-	-	0	1	30	0	3	6	1	0	5	3	11	2
-	-	-	-	-	-	-	-	-	-	0	0	31	0	11	8	3	0	2	2	3	2
0	0	0	0	0	5	4	2	19	*1*	0	12	18	1	1	1	0	3	2	3	10	10
0	0	0	0	0	2	3	1	21	*4*	0	15	16	0	0	1	0	2	1	2	13	12
0	0	0	0	1	4	2	19	*5*	0	0	15	16	0	3	1	0	1	1	3	12	10
0	0	0	0	0	5	1	9	16	0	0	10	19	2	1	1	3	0	1	4	9	10
0	0	0	0	0	1	13	*5*	*12*	0	0	7	24	0	2	4	1	0	1	6	14	3
0	0	1	0	1	0	9	*7*	*13*	0	0	6	22	3	1	1	3	0	0	4	16	3
0	0	0	0	0	0	5	*3*	16	7	0	11	19	1	2	0	1	3	1	3	6	14
0	0	0	0	0	1	2	*4*	13	11	0	6	23	2	3	0	1	0	1	4	7	13
0	0	0	0	0	4	17	*4*	*5*	*1*	0	4	26	1	1	0	0	7	2	4	10	6
0	0	0	0	0	1	5	*8*	*17*	0	0	11	20	0	1	0	0	4	1	3	6	16
0	0	0	0	0	0	3	*12*	*13*	*3*	0	11	20	0	0	0	0	2	1	5	9	14
0	0	0	0	0	0	3	11	17	0	0	7	22	2	7	0	0	2	3	7	6	4
0	0	0	0	0	1	0	6	20	4	0	10	17	4	7	0	0	0	4	5	8	3
0	0	0	0	0	0	0	7	16	8	0	10	20	1	5	1	0	0	4	8	5	7
0	0	0	0	0	0	0	7	11	13	0	11	15	5	5	1	0	0	4	10	4	2
0	0	2	4	0	*17*	*8*	0	1	30	0	1	1	0	1	4	6	15	3			
0	0	0	0	0	*1*	1	16	9	*0*	0	4	27	0	6	3	2	1	3	1	10	5
0	3	0	0	0	*0*	4	13	11	*0*	0	4	27	0	5	6	2	4	1	0	7	6
0	0	0	0	0	*0*	6	9	14	*2*	0	7	24	0	5	3	0	4	2	3	9	5
0	2	0	0	0	*1*	1	11	16	*0*	0	8	22	1	5	3	0	0	2	3	10	7

* Visibility at Hesketh Park; 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 month of JULY, 1935

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
8a. SOUTH WALES—*cont.*	G.M.T.	ft.	mb.	mb.	°F.	°F.	mb.	%						
Radnor. Rhayader	9	—	–	–	–	–	–	–	–	–	–	–	–	–
Glamorgan. Cardiff	9	216	1020·8	–	64·2	4·6	15·3	75	5·3	6	5	6	9	5
	21	216	1020·4	–	62·3	3·4	15·3	81	4·4	7	10	3	2	9
8b. ENGLAND, S.W.														
Somerset. Bath	9	113	1020·3	–	66·0	5·6	15·2	70	5·3	6	8	3	4	10
Dorset. Holton Heath H	9	58	1020·6	–	66·5	5·7	15·7	71	5·9	5	6	4	8	8
	15	58	1020·1	–	71·8	9·1	15·5	59	4·6	4	11	7	6	3
Dorset. Portland Bill ..	1	37	1020·2	–	60·7	1·8	16·4	89	5·6	10	1	3	5	12
	7	37	1020·3	+4·5	61·6	2·3	16·9	89	6·2	5	3	5	9	9
	13	37	1020·7	–	64·5	2·4	18·4	87	5·4	7	5	3	13	3
	18	37	1019·9	–	63·3	2·1	17·3	87	5·2	7	1	9	10	4
Devon. Plymouth (Mount Batten) H	7	27	1020·8	–	60·6	1·9	16·0	89	6·6	2	7	3	11	8
	13	27	1020·9	–	66·7	5·2	16·4	74	5·9	1	10	3	12	5
	18	27	1020·6	–	65·6	4·9	16·1	75	6·0	2	7	4	15	3
Cornwall. The Lizard ..	1	240	1021·4	–	57·6	0·7	10·8	95	5·5	7	6	4	4	10
	7	240	1021·3	–	59·2	0·6	16·2	95	6·8	2	8	3	5	13
	13	240	1021·7	–	65·3	3·7	16·9	80	6·1	0	11	4	10	6
	18	240	1021·4	–	63·0	3·3	16·0	81	5·3	2	11	5	7	6
Cornwall. Newquay ..	9	161	1021·4	–	62·2	2·5	16·3	85	6·3	3	6	5	4	13
9. IRELAND, N.														
Sligo. Markree Castle ..	9	127	1019·4	–	58·8	2·6	14·4	85	7·4	1	3	5	12	10
	21	127	1019·1	–	58·6	2·6	14·4	85	7·3	2	2	8	10	9
Mayo. Blacksod Point ..	1	28	1019·6	–	56·0	1·9	13·5	87	8·1	0	5	2	9	15
	7	28	1018·9	–	57·9	2·2	14·2	86	8·3	1	1	5	6	18
	13	28	1019·2	–	61·5	3·7	14·4	79	8·0	0	2	8	6	15
	18	28	1019·3	–	60·0	3·4	14·1	80	7·7	0	3	5	10	13
Donegal. Malin Head ..	1	87	1017·9	–	55·6	1·3	14·0	91	7·3	0	7	0	18	6
	7	87	1018·1	+5·0	57·3	1·6	14·3	90	8·0	0	3	2	21	5
	13	87	1018·0	–	61·0	2·2	16·0	87	7·4	0	4	6	14	7
	18	87	1017·8	–	59·7	1·7	15·9	89	7·3	0	6	3	15	7
Antrim. Aldergrove H	7	245	1019·3	–	56·1	2·5	13·0	85	7·5	0	5	3	15	8
	13	245	1018·9	–	64·0	6·0	13·8	68	7·3	0	5	4	17	5
	18	245	1018·5	–	63·6	5·5	14·2	71	7·4	0	4	5	17	5
Armagh. Armagh .. H	9	209	1019·1	+4·7	60·8	4·4	13·6	75	6·1	1	8	5	12	5
	21	209	1018·8	+4·3	58·1	2·8	13·8	83	6·3	4	5	4	6	12
10. IRELAND, S.														
Dublin. Glasnevin	9	56	1018·8	–	62·0	4·5	14·2	75	6·0	3	0	16	4	8
	21	56	1018·6	–	61·5	3·3	14·8	81	5·5	7	0	11	5	8
Offaly. Birr Castle ..	7	193	1020·5	+5·4	55·3	1·2	13·6	92	7·0	3	4	4	12	8
	13	193	1020·2	–	65·7	6·0	15·0	69	7·9	0	2	5	17	7
	18	193	1019·8	–	66·1	6·1	14·9	69	7·5	0	4	5	12	10
Waterford. Seskin, Carrick-on-Suir	9	521	1020·6	–	61·4	4·5	13·6	74	5·5	0	9	9	9	4
	21	521	1020·9	–	58·6	2·3	14·7	86	5·9	2	8	4	10	7
Kerry. Valentia Observatory H	7	45	1021·5	+5·8	58·5	2·4	14·3	86	7·6	0	4	5	12	10
	13	45	1021·8	+5·6	63·2	3·8	15·6	79	7·0	0	5	7	9	10
	18	45	1021·5	+5·5	62·0	3·7	15·0	80	7·2	0	5	6	7	13
	21	45	1021·9	+5·5	59·2	2·5	14·6	86	7·5	0	6	4	5	16
	h.*	45	1021·7	+5·6	60·0	2·9	14·5	83						
Cork. Roche's Point ..	7	24	1021·1	+5·3	57·7	1·8	14·6	89	6·2	2	4	6	18	1
	13	24	1021·2	–	64·2	3·4	16·5	81	6·1	0	7	8	15	1
	18	24	1020·7	–	64·5	3·4	17·2	81	5·6	0	9	9	11	2
11. CHANNEL I. & SCILLY.														
Scilly. St. Mary's.. ..	1	199	1022·0	–	57·7	0·9	15·5	95	6·3	4	6	5	2	14
	7	199	1021·7	+5·5	59·1	1·2	15·5	91	6·8	2	6	3	12	8
	13	199	1022·3	–	65·2	4·4	16·1	77	6·0	1	8	5	11	6
	18	199	1022·0	–	61·9	3·0	15·7	83	5·3	2	8	6	10	5
Guernsey. St. Peter Port H	1	186	1021·1	–	58·3	1·5	15·4	91	4·2	15	1	3	3	9
	7	186	1021·1	–	60·6	2·1	15·3	88	5·3	10	2	5	3	11
	13	186	1021·3	–	66·0	4·7	16·2	75	6·0	4	2	11	8	6
	18	186	1021·0	–	64·3	3·9	16·1	79	4·5	8	4	10	8	1
GIBRALTAR .. .. H	7	90	1016·5	-0·5	71·3	4·8	20·2	77	3·4	6	11	7	6	1
	13	90	1016·7	–	79·6	9·0	21·7	63	2·5	13	8	7	2	1
	18	90	1015·3	–	79·6	8·9	21·9	64	1·4	15	12	3	1	0
	21	90	1016·0	–	74·0	5·5	21·7	74	1·9	13	10	6	2	0
MALTA .. .. H	7	234	1015·4	-0·1	77·4	6·4	23·2	73	2·2	9	14	4	4	0
	13	234	1015·3	–	81·3	9·6	22·4	62	1·5	7	21	1	2	0
	18	234	1014·8	–	78·3	7·5	22·5	69	0·9	13	17	1	0	0

VISIBILITY. NUMBER OF OBSERVATIONS. FOG. 0 | 1 | 2 | 3 | MIST. 4 | POOR VIS. 5 | MOD. VIS. 6 | GOOD VISIBILITY. 7 | 8 | 9

	Fog. 0	1	2	3	Mist. 4	Poor Vis. 5	Mod. Vis. 6	Good Visibility. 7	8	9
8a. SOUTH WALES—*cont.*										
Radnor. Rhayader	–	–	–	–	–	–	–	–	–	–
Glamorgan. Cardiff	0	0	0	0	0	5	13	*6*	*7*	*0*
	0	0	0	0	2	10	11	*8*	*0*	*0*
8b. ENGLAND, S.W.										
Somerset. Bath	0	0	0	0	0	3	*15*	*8*	*5*	*0*
Dorset. Holton Heath H	0	0	0	0	0	0	10	17	*3*	*1*
	0	0	0	0	0	0	6	15	*8*	*2*
Dorset. Portland Bill ..	0	1	0	*0*	0	0	*1*	*17*	*12*	*0*
	0	0	0	*0*	0	0	*2*	*21*	*8*	*0*
	0	0	1	*1*	0	0	*1*	*15*	*13*	*0*
	0	1	1	*1*	0	0	*1*	*10*	*17*	*0*
Devon. Plymouth (Mount Batten) H	0	0	0	0	0	4	9	9	9	*0*
	0	0	0	0	0	0	3	3	25	*0*
	0	0	0	0	0	0	2	7	21	*1*
Cornwall. The Lizard ..	0	0	2	2	1	1	0	*6*	*19*	0
	0	1	1	4	0	2	2	*6*	*15*	0
	0	0	0	1	0	1	0	12	17	0
	0	0	0	0	0	1	0	4	26	0
Cornwall. Newquay ..	0	0	1	0	0	7	5	*8*	9	*1*
9. IRELAND, N.										
Sligo. Markree Castle ..	0	*0*	0	0	0	*0*	*5*	7	19	*0*
	0	*0*	0	0	0	*0*	*5*	6	20	*0*
Mayo. Blacksod Point ..	0	0	0	0	0	0	2	14	15	*0*
	0	0	0	0	0	1	2	9	18	*1*
	0	0	0	0	0	4	5	16	*6*	0
	0	0	0	0	0	3	4	17	*7*	0
Donegal. Malin Head ..	0	0	0	0	0	0	2	12	15	*2*
	0	0	0	0	0	1	14	12	*4*	0
	0	0	0	0	0	0	2	11	16	*2*
	0	0	0	0	0	0	3	10	15	*3*
Antrim. Aldergrove H	0	0	0	0	0	1	2	2	22	4
	0	0	0	0	0	1	2	1	11	16
	0	0	0	0	0	0	0	5	13	13
Armagh. Armagh .. H	*0*	*0*	0	0	0	0	*0*	*3*	*27*	*1*
	0	*0*	0	0	0	0	*2*	*5*	24	*0*
10. IRELAND, S.										
Dublin. Glasnevin	0	0	*0*	*0*	*0*	*2*	*0*	*1*	*28*	*0*
	0	0	*0*	*0*	*0*	*2*	*0*	*0*	*29*	*0*
Offaly. Birr Castle ..	0	0	0	0	0	0	*0*	*5*	*26*	*0*
	0	*0*	0	0	0	*0*	*0*	*2*	*29*	*0*
	0	*0*	0	0	0	*0*	*0*	*6*	*25*	*0*
Waterford. Seskin, Carrick-on-Suir	0	0	0	*0*	1	1	0	*1*	2	26
	0	0	0	*0*	3	0	2	*0*	5	21
Kerry. Valentia Observatory H	0	0	0	0	0	2	*3*	4	*14*	*8*
	0	0	0	0	0	0	*8*	3	*8*	*12*
	0	0	0	0	0	2	*5*	*5*	*8*	*11*
	0	0	0	0	0	2	*8*	2	*13*	*6*
Cork. Roche's Point ..	0	1	0	0	0	0	0	*1*	*20*	*9*
	0	0	0	0	0	0	1	*1*	*6*	*23*
	0	0	0	0	0	2	0	*0*	*11*	*18*
11. CHANNEL I. & SCILLY.										
Scilly. St. Mary's.. ..	0	4	0	3	0	1	3	*5*	*15*	0
	0	1	3	3	1	0	2	*9*	*12*	0
	0	1	0	0	0	1	3	*10*	*15*	1
	0	0	0	0	1	0	2	*12*	*16*	0
Guernsey. St. Peter Port H	0	0	1	1	0	2	5	*18*	*4*	0
	0	0	3	0	2	2	7	*12*	*5*	0
	0	0	0	1	3	3	4	*10*	*10*	0
	0	0	0	0	4	2	4	*8*	*13*	0
GIBRALTAR .. .. H	0	0	0	0	*0*	1	*6*	*11*	13	0
	0	0	0	0	*0*	1	*4*	*14*	12	0
	0	0	0	0	*0*	0	*8*	*12*	11	0
	0	0	0	0	*0*	0	*11*	*11*	9	0
MALTA .. .. H	0	0	0	0	0	0	0	10	*21*	*0*
	0	0	0	0	0	0	0	6	*25*	*0*
	0	0	0	0	0	0	0	4	*27*	*0*

WIND, NUMBER OF OBSERVATIONS. FORCE (0-12). 8 or more. | 4 to 7 | 1 to 3 | Calm. DIRECTION. N. | N.E. | E. | S.E. | S. | S.W. | W. | N.W.

	Force (0-12). 8 or more.	4 to 7	1 to 3	Calm.	Direction. N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
8a. SOUTH WALES—*cont.*												
Radnor. Rhayader	–	–	–	–	–	–	–	–	–	–	–	–
Glamorgan. Cardiff	0	5	26	0	1	6	8	0	2	4	10	0
	0	3	28	0	1	3	1	0	3	9	13	1
8b. ENGLAND, S.W.												
Somerset. Bath	0	6	22	3	2	4	4	2	2	2	10	2
Dorset. Holton Heath H	0	6	24	1	4	7	4	1	0	5	6	3
	0	14	17	0	3	1	1	4	3	10	4	5
Dorset. Portland Bill ..	0	7	24	0	6	4	2	1	0	1	9	8
	0	9	22	0	4	6	4	1	0	2	10	4
	0	11	20	0	0	3	3	3	1	5	12	4
	0	11	20	0	2	1	4	0	0	5	13	6
Devon. Plymouth (Mount Batten) H	0	1	24	6	6	1	3	0	0	3	7	5
	0	11	20	0	4	1	0	1	8	7	5	5
	0	15	16	0	5	0	1	1	8	4	6	6
Cornwall. The Lizard ..	0	11	16	4	5	4	2	0	0	2	9	5
	0	9	21	1	5	4	3	2	0	2	10	4
	0	8	22	1	2	0	4	2	1	4	14	3
	0	15	13	3	6	0	3	0	1	2	10	6
Cornwall. Newquay ..	0	9	22	0	4	4	0	6	1	4	7	5
9. IRELAND, N.												
Sligo. Markree Castle ..	0	0	21	10	4	0	0	4	3	6	2	2
	0	0	22	9	3	1	0	2	2	3	5	6
Mayo. Blacksod Point ..	0	13	14	4	1	0	0	0	4	7	11	4
	0	18	12	1	1	0	2	2	7	6	9	3
	0	17	14	0	2	0	1	0	5	8	13	2
	0	14	17	0	5	0	0	1	3	4	13	5
Donegal. Malin Head ..	0	10	20	1	4	0	0	0	9	1	13	3
	0	13	18	0	5	0	0	1	11	5	7	2
	0	16	15	0	2	2	2	0	3	4	14	4
	0	14	17	0	4	0	3	0	2	2	14	6
Antrim. Aldergrove H	0	6	19	6	1	0	1	1	3	9	5	5
	0	13	15	3	1	0	0	3	2	11	6	5
	0	11	19	1	2	1	1	2	1	8	8	7
Armagh. Armagh .. H	0	1	25	5	2	0	0	2	5	10	3	4
	0	0	19	12	0	0	0	2	6	5	4	2
10. IRELAND, S.												
Dublin. Glasnevin	0	1	30	0	0	5	3	2	0	4	12	5
	0	1	27	3	0	5	3	1	0	5	11	3
Offaly. Birr Castle ..	0	0	29	2	1	0	1	3	6	12	5	1
	0	0	31	0	3	1	0	2	4	14	5	2
Waterford. Seskin, Carrick-on-Suir	0	9	15	7	1	0	1	2	3	2	4	11
	0	6	19	6	1	0	0	1	4	1	8	10
Kerry. Valentia Observatory H	0	12	15	4	3	3	0	3	3	6	4	5
	0	20	11	0	3	0	0	1	6	9	7	5
	0	16	15	0	3	0	0	1	6	6	10	5
	0	6	22	3	5	0	1	0	4	5	9	4
Cork. Roche's Point ..	0	1	30	0	9	1	1	1	2	4	6	7
	0	2	29	0	3	0	1	4	4	8	4	7
	0	1	30	0	2	1	1	3	2	10	6	6
11. CHANNEL I. & SCILLY.												
Scilly. St. Mary's.. ..	0	11	19	1	4	5	1	1	1	1	8	9
	0	10	21	0	7	6	1	2	1	2	6	6
	0	16	15	0	6	5	0	4	1	1	7	7
	0	19	12	0	9	3	0	3	1	1	5	9
Guernsey. St. Peter Port H	0	8	7	16	0	2	1	0	0	0	6	6
	0	5	20	6	2	5	0	2	0	1	9	6
	0	13	16	2	2	8	3	1	0	1	10	4
	0	10	17	4	1	6	2	0	0	1	9	8
GIBRALTAR .. .. H	0	3	25	3	0	0	15	2	1	1	9	0
	0	12	19	1	0	0	16	2	2	5	6	0
	0	6	24	1	0	0	16	2	3	6	3	0
	0	1	25	5	0	0	13	2	2	4	5	0
MALTA .. .. H	0	6	25	0	4	6	3	1	0	2	7	8
	0	9	22	0	7	8	3	2	2	1	4	4
	0	5	25	1	3	3	2	1	2	3	10	6

* Mean of hourly readings.

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 temperature 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:—*Royal Observatory, Greenwich.*—A Glaisher stand is used. *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.

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 Gale 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 arrangement 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.

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—Rhayader (9), Tavistock (17), Plymouth (15), Balbriggan (25), Newcastle, Co. Wicklow (30).

"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*), *Pressure* (*Table IV*).—The averages refer to the period 1881–1915 and are "weighted" if the record is not complete for that period.

Temperature and Sunshine (*Table III*).—The averages refer to periods of from 10 to 30 years ending 1930, the actual period for each station being stated in the Introduction. Differences from 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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MONTHLY WEATHER REPORT OF THE METEOROLOGICAL OFFICE

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

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VOL. 52. NO. 8. ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE

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AUGUST, 1935.—Warm and dry on the whole; unsettled, with heavy local rain after the 22nd.

The month was dry on the whole, although rainfall exceeded the average in parts of southern England, and west and north Scotland and in isolated areas elsewhere. It was warm for the most part until the 24th (particularly from the 6th to 8th and 20th to 24th), but the last five days were generally cool. Sunshine was excessive in England and rather variable elsewhere.

Conditions during the first six days were largely governed by an extensive anticyclone centred off our west or south-west coasts. Temperature rose gradually during this period reaching or exceeding 80° F. locally on the 5th and 6th. A little rain occurred at times in the west and north.

On the 7th, a trough of low pressure, associated with an Icelandic depression, caused more substantial rainfall in the west and north and, subsequently, the trough crossed the country, giving heavy local rain and widespread thunderstorms in eastern England and the Midlands, thus ending a period of drought in some parts of England. During the succeeding days other shallow depressions following a similar path caused further local rain at times. On the 13th, the Azores anticyclone again asserted its influence giving another spell of fair weather over nearly the whole country. From the 15th to 19th, however, shallow troughs moving north-east or north caused rain at times, mainly in the west and north. There ensued a very warm spell in Great Britain, with pressure high over Scandinavia and Germany and a trough of low pressure spreading east from our western seaboard. Temperature approached 90° F. at a few places in England on the 22nd and exceeded 80° F. in parts of Scotland on the 20th and 24th. In southern England the warm spell was broken by heavy rain and thunderstorms on the 23rd and 24th. A temporary improvement occurred in England on the 25th, but subsequently a large complex area of low pressure became established over the British Isles and cool, unsettled weather, with heavy rain in places, prevailed for the remainder of the month, although the duration of bright sunshine was considerable at times.

Pressure and Wind.—Mean pressure somewhat exceeded the average everywhere, the excess at 7 h. varying from 0·9 mb. at Stornoway and Kew Observatory to 2·6 mb. at Valentia.

The month was, on the whole, a quiet one, but gales were reported locally in Scotland on the 10th, 22nd, 27th and 29th, at the Scilly Isles on the 24th and at Hastings on the 30th. Among the highest speeds recorded in gusts were 58 m.p.h. at Cranwell on the 8th, 59 m.p.h. at Scilly on the 24th, 57 m.p.h. at Kirkwall and Butt of Lewis and 59 m.p.h. at Dunfanaghy on the 29th, and 55 m.p.h. at Lympne on the 30th.

Temperature.—Mean temperature exceeded the average in all districts, the excess ranging from 1·5° F. in the Channel Islands to 3·3° F. in England N.E. and 3·4° F. in Midlands. (See Table I).

A warm spell occurred from the 5th to 11th with its peak from the 6th to 8th. Temperature reached or exceeded 80° F. locally in England almost daily during this period and reached 88° F. at Shinfield and Rickmansworth on the 7th. In Scotland, 81° F. was recorded at Dundee and 80° F. at Braemar, Balmoral and Perth on the 6th, and 80° F. at Balmoral, Balmakewan and Montrose on the 7th. A second warm spell was experienced from the 19th or 20th to the 24th, with a temporary break on the 23rd, which persisted in some parts of southern England over the 24th. A maximum of 89° F. was registered at numerous stations in England on the 22nd, 84° F. was reached at Gordon Castle on the 20th and 82° F. at Ruthwell on the 24th.

In marked contrast was the coolness of the last five days. The coldest night was, on the whole, the 28th, when ground frost was reported locally and temperature in the screen fell to 31° F. at Rickmansworth, and 32° F. at Thetford and Eskdalemuir. Other cold nights were the 2nd, 12th, 13th and 29th.

The extremes for the month were:—(England and Wales) 89° F. at Cranwell, Hunstanton, Cambridge, Rickmansworth and Camden Square on the 22nd, 31° F. at Rickmansworth on the 28th; (Scotland) 84° F. at Gordon Castle on the 20th, 32° F. at Dalwhinnie on the 12th, Balmoral on the 13th and Eskdalemuir on the 28th; (Ireland) 79° F. at Foynes on the 7th and 39° F. at Markree Castle and Birr Castle on the 28th.

Precipitation.—The general precipitation of the British Isles expressed as a percentage of the average for the period 1881-1915 was 81, the values for the constituent countries being, England and Wales 80, Scotland 87 and Ireland 75.

In general rainfall exceeded the average in north and west (but not south-west) Scotland, in south-east England and at most places on the south coast as far west as Falmouth, and in small isolated areas elsewhere, including a few stations in west, south-west and Central Ireland. On the other hand, the deficiency was very marked in some parts, less than 30 per cent. of the average being recorded locally in Norfolk, Montgomery and Waterford, and less than 40 per cent. in parts of south-west Scotland and locally in Shropshire, Lancashire, and County Down. In contrast was the high percentage at Inverness, namely 183

The long period without rain experienced locally in England during the latter part of July and the first three weeks of August deserves special comment. At Upper Heyford, rain on the 22nd ended an absolute drought of 32 days, while at Oxford, the absolute drought from July 21st to August 17th (28 days) constitutes the longest summer drought at that station since 1887.

Local thunderstorms occurred at times, notably in England on the 8th, 12th and 18th and over a wider area between the 21st and 24th and 26th and 30th. In Scotland, they were rather less frequent than is usual in August.

Among heavy falls on individual days in 24 hours or less are included:—

10th. 104 mm. at Kinlochquoich, 97 mm. at Ardgour, 69 mm. at Achnashellach and 68 mm. at Fort William.

18th. 67 mm. in a thunderstorm at Staindrop, Co. Durham and 55 mm. at Thetford (in 1¼ hours).

23rd. 77 mm. at Mevagissey, 62 mm. at St. Austell and 59 mm. at Newquay.

24th. 54 mm. at Peaslake, Surrey, and 51 mm. at South Farnborough.

26th. 59 mm. at Hawkshead (Lancashire).

Sunshine.—There was a general excess of sunshine in England and Wales, the percentage of the average for the districts ranging from 123 in England, NW, to 106 in England, SW. At Stonyhurst the average daily excess amounted to 2·18 hours. In Scotland, the eastern counties for the most part enjoyed a slight excess and there was a deficiency in the west and extreme north. The total at Stornoway, 83 hours, is the poorest record in August at that station since records began in 1881. In Ireland, the duration was variable, but, on the whole rather deficient, particularly in the north-west.

Fog.—Local fog developed at times, particularly between the 5th and 7th, 16th and 26th, and on the 28th and 31st.

Miscellaneous Phenomena.—The aurora was observed at Baltasound on the night of the 12th. Solar halos were noted at Oxford on 10 days and a sun pillar was observed at Oxford and Hastings on the evening of the 7th. A water spout was seen at Bude on the 28th, and two funnel-shaped clouds at Hastings on the 27th. On the 5th, a small, though well-defined, dust-devil was observed at Brownhills Heath, Staffordshire.

METEOROLOGICAL OFFICE, AIR MINISTRY: G. C. SIMPSON, K.C.B., D.Sc., F.R.S., Director. South Kensington, S.W.7, 24*th September*, 1935.
40/9999.

TABLE I.—DISTRICT VALUES.— AUGUST, 1935 [1908, revised 1928.]

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.	79	32	+2·0	-	-	129	- 2	84	21
Eastern.									
1. SCOTLAND, E.	84	32	+2·9	-	-	91	- 4	102	31
2. ENGLAND, N.E.	89	33	+3·3	+3·8	+2·5	64	- 6	118	41
3. ENGLAND, E.	89	31	+2·4	+2·9	+1·8	76	- 7	111	47
4. MIDLAND COUNTIES ..	88	33	+3·4	+2·6	+2·4	73	- 8	121	44
5. ENGLAND, S.E.	89	36	+1·8	+2·6	+2·3	124	- 4	113	48
Western.									
6. SCOTLAND, W. (*and I. of Man*)	82	32	+1·6	+1·7	+0·9	68	- 3	96	27
7. ENGLAND, N.W. (*and N. Wales*)	84	34	+1·9	+3·3	+2·4	53	- 8	123	43
8. ENGLAND, S.W. (*and S. Wales*)	86	37	+1·6	+2·5	+2·2	73	- 5	106	44
9. IRELAND, N. ..	77	37	+1·8	+1·3	+1·1	79	- 5	89	26
10. IRELAND, S. ..	79	37	+1·9	+2·1	+1·7	67	- 4	104	35
11. CHANNEL I. (*and Scilly*)	84	51	+1·5	+3·1	+1·8	87	- 4	118	58
Mean : DISTRICTS 1—10	89	31	+2·3	+2·5	+1·9	77	- 5	108	39

TABLE II.—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND.— AUGUST, 1935 [1914.]

DISTRICT AND STATION.	Height.			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.	
					hr.		hr.	hr.	hr.	hr.	hr.	°	mi/hr.	m/s.	day. hr.	mi/hr.	m/s.	d. h. m.	
0. SCOTLAND, N.	ft.	ft.	ft.																
Shetland. ‡Lerwick	310	53	39	27	1	10	67	383	269	24	0	20	39	17	27 07	51	23	7 09 50	
Orkney. Kirkwall	170	40	35	-	0	4	23	235	413	73	0	90	36	16	29 04	57	25	29 03 10	
Hebrides. Stornoway†. ..	—	—	—	29	1	12	74	390	235	44	0	100	39	17	29 09	57	25	29 05 50	
1. SCOTLAND, E.																			
Aberdeen. Aberdeen	70	42	32	-	0	0	0	88	474	182	0	350	25	11	28 13	45	20	10 13 20	
Kincardine. Balmakewan ..	140	25	20	-	0	0	0	12	(327)	(405)	0	180	16	7	10 11	34	15	10 09 55	
Angus. Bell Rock Lighthouse	130	—	126	-	0	7	48	335	253	108	0	240	32	14	10 17	45	20	11 08 45	
Edinburgh. Edinburgh	485	39	23	-	0	1	3	51	393	297	0	190	28	13	26 06	45	20	26 05 25	
6a. SCOTLAND, W.																			
Argyll. Tiree	75	50	42	-	0	3	18	247	418	61	0	270	36	16	29 04	52	23	29 03 35	
Renfrew. Paisley	188	81	31	-	0	0	0	32	480	232	0	210	16	7	10 13	44	20	10 13 15	
Renfrew. Abbotsinch ..	65	46	33	-	0	1	1	81	452	210	0	210	27	12	10 13	51	23	10 12 40	
Dumfries. Eskdalemuir ..	825	50	35	-	0	3	9	134	418	183	0	210	30	13	10 13	46	20	21 13 25	
2. ENGLAND, N.E.																			
Durham. South Shields ..	73	57	44	-	0	1	6	102	394	242	0	340	27	12	12 8	37	17	12 08 35	
Yorks., N.R. Catterick	220	45	33	-	0	0	0	43	375	326	0	250	23	10	10 14	43	19	10 15 30	
Yorks., E.R. Spurn Head ..	64	42	34	-	0	3	13	253	428	50	0	20	33	15	12 17	41	18	12 16 25	
Lincoln. Cranwell	284	43	33	-	0	0	0	67	458	219	0	10	22	10	12 18	58	26	8 16 30	
3. ENGLAND, E.																			
Norfolk. Gorleston	52	42	34	-	0	3	11	96	471	166	0	150	29	13	30 20	40	18	30 19 30	
Suffolk. Felixstowe Aero. ..	65	50	40	-	0	0	0	129	423	192	0	220	23	10	31 12	43	19	31 10 55	
Bedford. Cardington ..	285	150	135	-	0	0	0	124	436	184	0	180	24	11	22 14	38	17	27 02 15	
Essex. Shoeburyness ..	115	104	89	-	0	2	12	158	512	62	0	130	33	15	30 19	46	20	31 10 30	
4. MIDLAND COUNTIES.																			
Warwick. Birmingham ..	643	118	73	-	0	0	0	87	511	146	0	190	17	8	21 11	31	14	10 15 20	
5. ENGLAND, S.E.																			
London. South Kensington..	137	110	30	-	0	0	0	26	552	166	0	240	15	7	31 10	39	17	31 10 40	
Surrey. Kew Observatory ..	92	75	50	-	0	0	0	47	389	308	0	210	19	9	31 16	42	19	31 09 25	
Surrey. Croydon	313	105	70	-	0	0	0	73	408	263	0	230	23	10	31 11	41	18	31 11 05	
Kent. Dover	66	66	60	-	0	3	9	132	468	135	0	-	29	13	30 19	48	21	30 19 10	
Kent. Lympne	418	76	48	-	0	1	1	83	580	80	0	230	27	12	30 19	55	25	30 18 10	
Hampshire. Calshot	58	50	42	-	0	2	4	154	339	247	0	200	27	12	27 03	46	21	30 16 30	
Wiltshire. Boscombe Down ..	462	45	33	-	0	0	0	69	272	403	0	200	20	9	27 07	42	19	27 02 05	
Wiltshire. Larkhill	491	51	36	-	0	0	0	77	310	357	0	240	20	9	31 09	36	16	31 08 10	
7a. ENGLAND, N.W.																			
Lancashire. Fleetwood	112	50	31	-	0	4	11	248	405	80	0	330	31	14	27 03	37	17	27 02 55	
Lancashire. Manchester (Barton)	153	83	80	-	0	0	0	164	301	279	0	320	22	10	21 16	37	17	26 20 50	
Lancashire. Southport	60	42	33	-	0	2	10	218	420	96	0	260	29	13	10 13	38	17	10 14 00	
Cheshire. Bidston Obs'y. ..	262	64	39	-	0	0	0	176	387	181	0	300	22	10	27 05	39	17	27 04 25	
7b. NORTH WALES.																			
Anglesey. Holyhead	68	43	38	-	0	2	10	277	390	67	0	350	30	13	24 22	43	19	26 16 40	
Flint. Sealand	81	65	42	-	0	0	0	112	377	255	0	260	21	9	26 24	33	15	26 23 05	
8a. SOUTH WALES.																			
Pembroke. St. Ann's Head ..	—	—	—	-	-	-	-	-	-	-	-	-	-	-	- -	-	-	- - -	
8b. ENGLAND, S.W.																			
Devon. Plymouth	185	88	65	-	0	1	2	138	437	167	0	-	26	12	30 15	38	17	30 22 45	
Cornwall. The Lizard	315	75	60	-	0	7	31	193	385	135	0	240	33	15	30 14	52	23	30 13 15	
Cornwall. Pendennis Castle ..	256	65	42	-	0	4	17	191	385	151	0	250	34	15	30 14	48	21	26 22 25	
9. IRELAND, N.																			
Donegal. Dunfanaghy Road	180	47	30	-	0	4	18	125	378	223	0	-	36	16	29 10	59	26	29 09 30	
Antrim. Aldergrove	282	40	20	-	0	0	0	105	523	116	0	220	22	10	10 09	42	19	29 12 20	
10. IRELAND, S.																			
Dublin. Kingstown (Cup Anr.)	49	27	27	-	0	1	1	257	390	96	0	240	26	11	26 08	-	-	- - -	
Clare. Quilty	100	40	32	-	0	1	6	217	436	85	0	-	25	11	29 15	37	17	29 14 25	
Kerry. Valentia Observatory	98	41	33	-	0	1	5	263	362	114	0	30	26	12	12 08	49	22	12 01 15	
Cork. Cork	132	71	40	-	0	0	0	14	345	385	0	-	14	6	26 15	31	14	27 12 25	
11. SCILLY ISLES.																			
St. Mary's	230	65	57	24	1	7	39	214	442	48	0	360	40	18	24 24	59	26	24 23 15	

‡‡ Brackets ( ) indicate that the distribution as between winds above and below 4 m.p.h. is doubtful, but the total number of hours with winds below 12 m.p.h. is reliable.

‡ Data inaccurate prior to October, 1929 (*see* 1933 Annual Summary, Wind Section).

† Figures are for Butt of Lewis.

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

The dotted lines indicate the normal distribution of pressure in August, based on 35 years' observations, 1881–1915.

1010 1011 1012 1012 1013 1013 1014 1014 1015 1015 1016 1017

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 J K L M N O P Q R S U V

SCALE 1:25,000,000.

Positions of centres are shown thus:– O at 1hr; ● 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. 66° 64° 62° 60° 58°

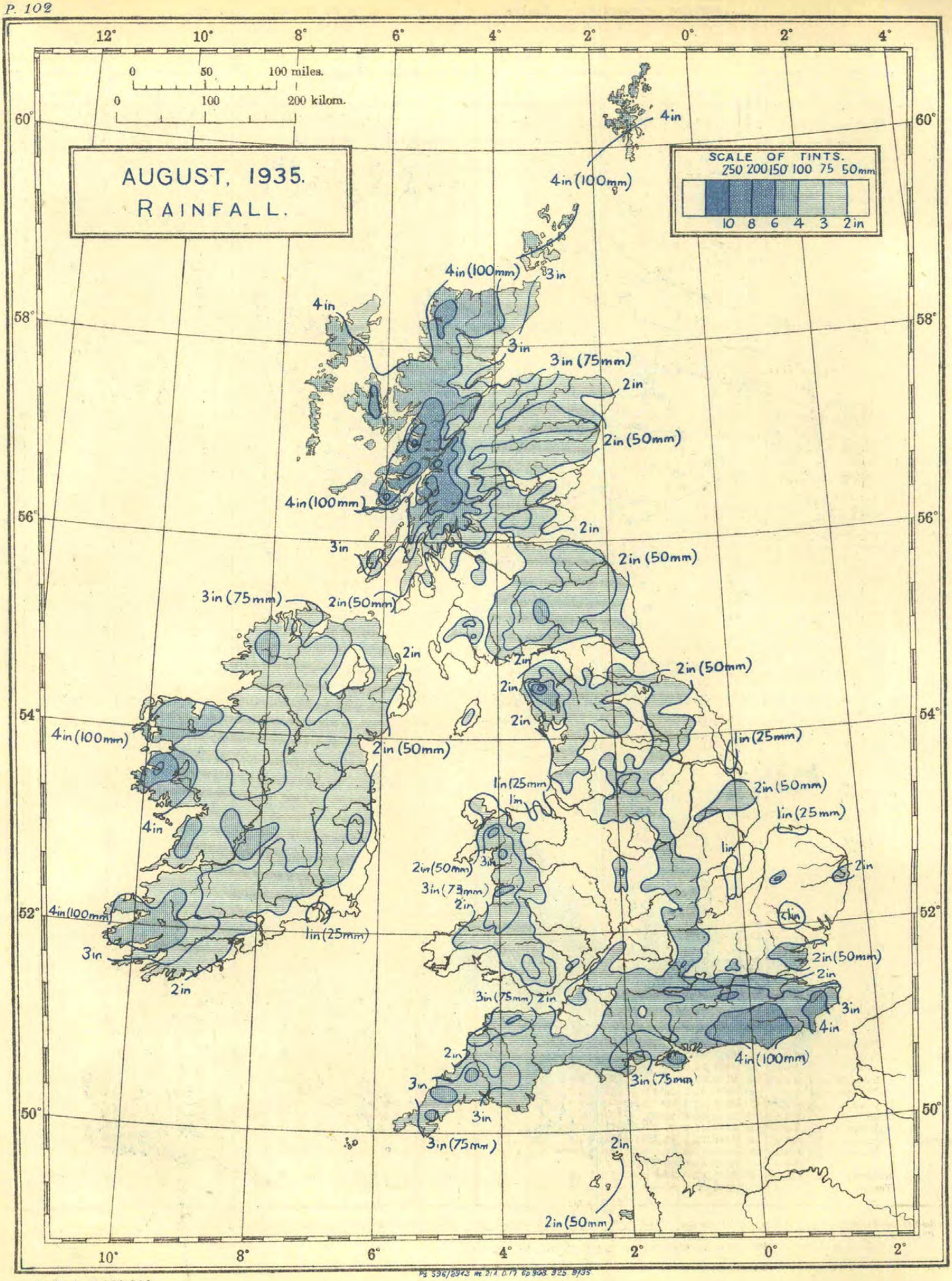
Sea temperatures are shewn in large figures, thus: 55°

4. BRIGHT SUNSHINE, HOURS PER DAY.

SCALE OF TINTS. Hrs. 7·5 6·5 5·5 4·5 3·5

H.M. Stationery Office Press, Kingsway W.C.2.

*The pressure is expressed in millibars.



Scale 1 : 5,000,000.

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

TABLE III.—SUMMARY of the RECORDS of TEMPERATURE, RAINFALL and SUNSHINE, and of WEATHER OBSERVATIONS, AUGUST, 1935

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. in.	mm.	Difference from Average. mm.	Most in a day. Amount. mm.	Date.	WEATHER. Number of days. Precip'n. 0·2 mm. or more.	1 mm. or more.	Snow.	Snow lying.	Hail.	Thunderstorm.	Fog (Morn'g Obs.)	Ground Frost.	Gale.	BRIGHT SUNSHINE. Hours per day. Daily Mean.	Difference from Average.	Per Cent.
		G.M.T.	ft.	°F.	°F.	°F.	°F.	°F.		°F.		°F.	°F.	in.	mm.	mm.	mm.												hr.	hr.	%
0. SCOTLAND, N.																														
Shetland.	Baltasound ..	9 9 9	31	59·9	50·6	55·3	+1·9	65	20	44	14	56·1	-	5·22	133	+48	30	26	28	15	0	0	0	0	1	-	0	3·64	-0·32	23
	Lerwick .. ¶§	18–7 7	156	57·8	51·3	54·5	+0·6	66	20	46	14	-	-	3·57	91	-	19	25	23	19	0	0	0	0	2	-	1	3·06	-0·72	20
Orkney.	Deerness	2121 9	160	60·3	51·4	55·9	+2·5	70	7	45	13	-	-	3·80	97	+24	22	25	25	15	0	0	0	0	2	-	-	3·12	-0·67	20
	Kirkwall .. ¶§	9 9 9	113	61·6	52·4	57·0	+2·9	73	20	48	2,13,28	57·5	-	4·15	105	+29	24	25	21	16	0	0	0	1	0	0	0	3·31	-0·48	21
Hebrides.	Skallary	101010	30	61·1	52·9	57·0	-	64	15,17,18	44	27	-	-	4·71	120	-	21	25	22	16	0	0	0	0	-	-	-	-	-	-
	Stornoway(C.G.) ¶§	18–7 7	80	61·3	52·1	56·7	+2·2	66	23	41	28	-	-	3·63	92	-	35	25	23	14	0	0	0	0	0	-	0	2·67	-1·56	17
	Stornoway ..	– – 9	30	-	-	-	-	-	-	-	-	-	-	3·95	100	- 1	41	25	21	15	-	-	-	-	-	-	-	-	-	-
Skye.	Duntulm ..	9 9 9	294	60·7	52·4	56·5	-	68	22	46	12,27	-	-	5·45	138	-	23	25	25	18	0	0	0	0	2	-	0	2·51	-	17
Caithness.	Wick	18–7 7	81	60·7	51·3	56·0	+2·5	73	7	41	13	-	-	2·93	74	+ 4	18	26	18	14	0	0	0	0	2	-	0	-	-	-
Ross &	Achnashellach ..	9 9 9	225	65·2	49·5	57·3	-	77	22	41	12,14	-	-	5·36	136	-33	69	10	20	18	0	0	1	0	0	0	-	-	-	-
Cromarty.	Fortrose	9 9 9	69	66·3	52·5	59·4	+2·7	79	5,21	43	13	-	-	3·31	84	-	22	10	14	10	0	0	0	0	0	-	1	4·38	+0·05	29
Inverness.	Dalwhinnie † ..	18–7 7	1176	63·0	47·8	55·4	-	72	20	32	12	-	-	3·38	86	-	28	28	14	11	0	0	0	0	0	3	0	3·25	-	22
	Ft. Augustus ¶	9 9 9	68	65·5	51·7	58·6	+2·6	74	20	39	13	-	-	3·29	84	- 4	30	10	13	10	0	0	0	0	0	-	-	3·48	-	238
	Ft. William ..	9 9 9	34	62·7	52·3	57·5	+1·0	71	22	42	13	58·7	56·1	6·96	177	+22	68	10	19	14	0	0	0	0	0	0	0	2·41	-	168
	Inverness ¶§	9 9 9	242	64·8	52·2	58·5	+1·6	76	20	44	12,13,16	-	-	4·55	116	+53	44	26	14	8	0	0	0	0	0	0	0	4·20	+0·15	28
1. SCOTLAND, E.																														
Nairn.	Nairn .. ¶§	9 9 9	20	66·8	51·8	59·3	+2·7	81	20	42	13	-	-	2·98	76	+15	24	10	18	9	0	0	0	0	0	-	0	4·26	+0·18	28
Moray.	Forres	9 9 9	155	67·6	51·5	59·5	-	79	20	40	13	-	-	2·94	75	-	27	10	16	12	0	0	0	0	0	-	0	4·51	-	30
	Gordon Castle ..	2121 9	104	67·1	51·5	59·3	+3·0	84	20	42	12	-	-	3·02	77	- 4	25	10	16	10	0	0	0	0	-	-	-	4·29	+0·12	28S
Banff.	Banff	9 9 9	130	65·3	52·9	59·1	+2·7	80	20	44	13	-	-	2·84	72	+ 3	16	10	16	11	0	0	0	0	0	0	0	4·47	+0·30	29S
Aberdeen.	Aberdeen ¶§	242424	79	64·0	52·8	58·4	+2·5	73	19	43	13	60·0	57·1	2·38	60	-10	14	28	12	9	0	0	0	1	0	0	0	4·79	+0·32	32
		18–7 -	—	64·5	52·5	58·5	+2·2																							
	Balmoral	9 9 9	927	62·2	47·3	56·7	+2·7	80	6,7	32	13	-	-	2·14	54	-23	19	28	15	10	0	0	0	0	-	1	0	-	-	-
	Braemar	2121 9	1111	65·8	48·2	57·0	+3·7	80	6	34	13	-	-	2·31	66	-21	29	28	13	9	0	0	0	0	0	0	0	4·51	-	30S
	Craibstone ..	9 9 9	300	65·5	51·1	58·3	-	78	20	40	13	56·6	55·7	3·18	81	+ 6	24	8	13	9	0	0	0	1	-	0	-	4·87	-	32
	Logie Coldstone ..	9 9 9	608	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincardine.	Balmakewan ..	9 9 9	80	68·8	50·7	59·7	-	80	7,20	36	22	-	-	2·08	53	-24	15	28	12	8	0	0	0	0	0	0	0	-	-	-
	Stonehaven ..	9 9 9	12	66·0	51·8	58·9	-	78	7	39	13	-	-	1·98	50	-	18	28	12	9	0	0	0	0	0	-	-	4·85	-	32
Angus.	Arbroath	2121 9	93	67·3	52·5	59·9	+3·3	78	7	39	22	-	-	1·17	30	-44	12	26	8	5	0	0	0	1	0	0	0	5·42	-	36
	Carnoustie ..	9 9 9	39	67·1	51·8	59·5	+2·6	77	6	44	13	-	-	1·63	41	-39	12	26	9	5	0	0	0	1	-	-	0	5·00	+0·21	33
	Dundee ¶§	9 9 9	147	68·2	53·5	60·9	+3·6	81	6	46	22	62·2	-	2·29	58	-25	20	27	10	5	0	0	0	1	-	0	0	4·51	-0·16	30
	Kettins	9 9 9	218	68·1	50·5	59·3	+2·8	79	6	38	22	63·0	-	1·50	38	-55	13	28	13	6	0	0	0	1	1	0	1	-	-	-
	Montrose	9 9 9	16	66·3	51·3	58·8	+1·9	80	7	41	22	-	-	1·63	41	-	14	26	10	7	0	0	0	1	0	-	0	5·05	+0·35	33
Perth.	Crieff	2121 9	478	66·9	50·4	58·7	+2·2	77	6	42	22	-	-	2·31	59	-48	12	27	11	11	0	0	0	1	1	-	0	-	-	-
	Perth	9 9 9	76	69·3	52·1	60·7	+3·1	80	6	40	22	-	-	2·22	56	-30	13	28	12	11	0	0	0	2	-	-	-	4·15	-0·48	28
Fife.	Cupar	9 9 9	210	67·8	52·5	60·1	+3·1	77	6,20	44	23,28	-	-	2·69	68	-	27	30	13	8	0	0	0	0	-	-	-	-	-	-
	Dunfermline ..	9 9 9	237	66·7	52·3	59·5	-	74	20	41	13	61·4	59·1	2·23	57	-	14	26	11	8	0	0	0	2	0	0	0	4·32	-	29
	Inchkeith ..	18–7 7	190	64·3	54·1	59·2	+2·5	73	1	48	28	-	-	2·10	53	-16	15	26	10	7	0	0	0	1	2	0	0	4·57	-	30
	Kirkcaldy ..	9 9 9	63	68·0	53·3	60·7	+2·6	77	1,7,20	45	23	-	-	2·32	59	-	16	26	16	11	0	0	0	0	-	-	-	-	-	-
	Leuchars	18–7 7	35	67·5	51·8	59·7	+3·2	78	6,20	40	22	-	-	1·67	42	-36	14	26	10	5	0	0	0	1	1	0	0	4·67	-0·28	31
	St. Andrews ..	9 9 9	13	67·3	52·4	59·9	+2·5	78	6	42	22	61·7	58·0	1·64	42	-38	13	26	10	7	0	0	0	1	1	0	-	4·86	+0·12	32
Mid Lothian.	Edinburgh—																													
	Blackford H. ¶§	2121 9	441	66·7	53·2	59·9	+3·2	75	7,21	46	28	-	-	2·53	64	-17	16	17	12	8	0	0	0	0	1	0	0	4·74	+0·04	32S
	Boghall	9 9 9	639	65·4	51·2	58·3	-	73	7	42	13,28	60·8	57·7	2·48	63	-	15	26	12	10	0	0	0	0	0	0	-	4·56	-	30
	Liberton	9 9 9	190	69·0	52·6	60·8	-	(77)	(7,21)	43	28	-	-	1·89	48	-	15	26	9	8	0	0	0	0	-	-	-	-	-	-
	Univ. King's B.	9 9 9	225	68·2	53·3	60·7	-	77	7	45	28	62·1	58·5	1·97	50	-	14	26	13	8	-	-	-	-	-	-	-	-	-	-
E. Lothian.	Dunbar	9 9 9	75	67·0	53·1	60·1	-	79	21,22	44	28	-	-	2·57	65	-	24	26	11	6	0	0	0	1	1	0	0	5·00	-	33
	N. Berwick ..	9 9 9	118	67·9	52·1	60·0	-	80	20	43	28	-	-	3·02	77	+ 1	21	17	13	10	0	0	0	1	1	0	0	4·75	-	32
Berwick.	Marchmont ‖ ¶§	9 9 9	498	66·9	50·5	58·7	+2·6	76	6,7,21	41	29	-	-	3·16	80	- 4	29	26	13	10	0	0	0	1	2	-	0	4·79	+0·13	32S
Peebles.	Peebles	9 9 9	629	66·8	49·7	58·3	-	75	7	33	28	-	-	2·31	59	-	24	26	8	7	0	0	0	0	0	1	0	4·26	-	28
	West Linton ..	9 9 9	820	65·3	48·8	57·1	+2·8	74	7	35	28	61·3	58·0	1·86	47	-	15	26	15	10	0	0	0	0	0	-	-	-	-	-
Roxburgh.	Kelso (Br'ml'ds)	9 9 9	193	68·4	51·5	59·9	+2·8	79	6	39	28	-	-	2·89	73	- 2	30	26	10	9	0	0	0	0	-	0	-	-	-	-
	Wolfelee	9 9 9	537	65·7	48·8	57·3	+1·8	75	1	34	28	-	-	3·35	85	0	33	26	9	9	0	0	0	0	2	-	0	-	-	-
6a. SCOTLAND, W.																														
Argyll.	Ardtornish ..	2121 9	48	64·9	47·8	56·3	-0·5	72	23	39	12,13	-	-	6·34	161	-	39	10	20	18	0	0	0	0	-	0	-	-	-	-
	Colonsay ..	9 9 9	100	63·2	52·9	58·1	-	69	20	48	24,29	-	-	5·04	128	-	28	28	25	18	0	0	0	0	-	-	-	-	-	-
	Dunoon	9 9 9	46	65·6	51·9	58·7	-	74	24	38	13	61·5	58·5	3·79	96	-	28	10	19	12	0	0	0	0	1	0	-	3·19	-	21S
	Glenbranter ..	9 9 9	188	64·1	49·5	56·8	-	72	24	35	13	-	-	5·83	148	-	54	2	17	14	0	0	0	0	4	0	-	-	-	-
	Oban	9 9 9	229	63·3	51·3	57·3	+0·2	70	20	45	29	-	-	4·02	102	-	19	10	20	18	0	0	0	0	0	0	0	3·53	-0·53	23
	Tiree	18–7 7	22	61·7	53·9	57·8	-	66	20, 22,23	49	3,13	-	-	5·04	128	+21	26	10	21	13	0	0	0	0	1	0	1	4·02	-	27
Bute.	Rothesay ¶§	2121 9	200	64·5	52·3	58·4	+1·7	72	24	45	13	60·2	56·8	2·22	57	-67	12	28	15	9	0	0	0	0	2	0	1	4·13	-0·27	28
Dumbarton.	Cardross	9 9 9	130	65·3	51·3	58·3	+1·3	74	24	42	12,13	-	-	2·88	68	-	21	17	12	9	0	0	0	0	3	-	0	3·64	-0·23	24S
	Helensburgh ..	9 9 9	293	65·4	51·6	58·5	+1·8	76	24	44	12,13	-	-	3·61	92	-39	19	10	16	11	0	0	0	0	0	-	0	3·66	-0·33	24
Stirling.	Stirling	9 9 9	151	67·9	51·7	59·8	+2·2	79	2	46	22	62·3	57·5	2·12	54	-	12	30	11	10	0	0	0	0	1	0	-	3·56	-0·58	24
Renfrew.	Greenock ..	9 9 9	199	65·5	53·6	59·5	+2·5	73	24	46	13	-	-	2·94	75	-63	19	25	12	10	0	0	0	0	3	0	-	-	-	-
	Paisley	2121 9	106	67·5	53·1	60·3	+2·0	78	24	43	28	62·0	57·8	1·59	40	-59	7	25	13	10	0	0	0	0	0	0	-	4·30	-0·13	29
	Renfrew (Abbotsinch) ¶§	18–7 7	19	67·1	51·4	59·3	+2·6	79	24	38	28	-	-	1·66	42	-50	9	17	14	11	0	0	0	0	0	0	0	4·11	-0·03	27
Lanark.	Dungavel ..	9 9 9	798	62·8	48·2	55·5	+1·2	74	24	40	27,28	-	-	2·48	63	-	12	26	17	14	0	0	0	0	0	0	-	-	-	-
	Glasgow	9 9 9	85	65·9	53·5	59·7	+2·2	76	24	43	28	-	57·3	1·85	47	-52	9	28	15	10	0	0	0	0	-	-	-	-	-	-
	Thorntonhall ..	9 9 9	440	65·9	50·5	58·2	+2·3	75	24	36	28	-	-	1·82	41	-	6	18,25	12	11	0	0	0	0	-	0	0	4·04	-0·06	27S
Ayr.	Auchincruive ..	9 9 9	89	66·2	51·0	58·6	-	73	7	38	28	61·1	58·6	2·22	56	-	12	17	15	12	0	0	0	0	0	8	-	4·55	-	30
	Colmonell ..	9 9 9	170	65·5	52·1	58·8	+1·5	74	7	37	28	-	-	1·61	41	-61	8	26	13	10	0	0	0	0	0	0	-	-	-	-
	Troon	9 9 9	15	64·8	54·3	59·8	-	70	-3	40	28	-	-	1·13	29	-	8	25	13	8	0	0	0	0	0	0	0	4·68	-	31
	Turnberry ..	9 9 9	30	64·8	53·9	59·3	+1·4	71	22,23	44	28	-	-	1·42	36	-	9	25	13	8	0	0	0	0	0	0	0	4·58	-0·01	31
Dumfries.	Dumfries .. ¶§	2121 9	140	66·8	52·1	59·5	+1·9	81	24	37	28	61·4	58·6	3·15	80	-17	29	26	16	10	0	0	1	0	0	1	0	4·07	-0·37	27
	Eskdalemuir ¶§	242424	794	64·8	47·1	55·9	+1·6	76	24	32	28	59·5	54·3	5·04	128	- 3	43	30	18	10	0	0	0	0	2	2	0	4·21	+0·34	28
		18–7 -	—	64·9	48·6	56·7	+2·4																							
	Ruthwell	2121 9	67	68·3	50·9	59·6	+1·7	82	24	34	28	-	-	3·38	86	-	31	26	13	10	0	0	0	0	-	-	0	3·55	-0·65	24S
	Thornhill ..	9 9 9	670	64·9	50·9	57·9	-	78	24	40	28	-	-	2·49	63	-	19	26	15	13	0	0	0	0	1	-	0	-	-	-

¶§ S *See* Notes on Tables on last page of this issue. ‖ On and after April 14th, observations were taken one hour earlier than the times shewn.
† Observations taken at 17h. instead of 18h. G.M.T., on Sundays during Summer Time.

TABLE III (*continued*).—SUMMARY of the RECORDS of TEMPERATURE, RAINFALL and SUNSHINE, and of WEATHER OBSERVATIONS, AUGUST, 1935

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	B	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.		Difference from Average.	Most in a day. Amount.	Date.	WEATHER. Number of days. Precip'n. 0·2 mm. or more.	1 mm. or more.	Snow.	Snow lying.	Hail.	Thunderstorm.	Fog (Morn'g Obs.	Ground Frost.	Gale.	BRIGHT SUNSHINE. Hours per day. Daily Mean	Difference from Average.	Per Cent.
				°F.	°F.	°F.	°F.	°F.		°F.		°F.	°F.	in.	mm.	mm.	mm.												hr.	hr.	%
6b. ISLE OF MAN.		G.M.T.	ft.																											
Isle of Man.	Douglas	9 9 9	284	64·5	53·7	59·1	+1·6	73	24	46	28	–	–	1·59	40	–57	23	26	11	7	0	0	0	0	3	0	0	5·43	–0·19	37
	Point of Ayre ..	18–7 7	30	68·6	54·6	61·6	–	77	10	46	1,26	–	–	1·52	39	–	22	26	7	5	0	0	0	1	0	–	0	5·93	–	40
2. ENGLAND, N.E.																														
Northum-berland.	Berwick-on-T. ..	9 9 9	76	64·9	52·9	58·9	–	76	8,20	41	28	–	–	3·24	82	+20	27	26	10	9	0	0	0	3	1	0	–	4·93	–	33
	Bellingham ..	9 9 9	849	66·5	49·7	58·1	+2·4	74	21,22	37	13	–	–	2·63	67	–23	29	26	9	7	0	0	0	1	0	–	–	–	–	–
	Cockle Park ¶§	2121 9	325	68·4	49·9	59·1	+2·6	80	8	39	28	59·8	58·1	1·65	47	–33	19	26	9	7	0	0	0	0	0	0	0	5·36	+0·37	36
	Tynemouth ..	18–7 7	108	66·5	55·0	60·7	+2·7	80	21	45	28	–	–	1·69	43	–27	23	26	7	2	0	0	0	0	1	0	0	–	–	–
Durham.	Chopwellwood ..	9 9 9	446	69·4	51·6	60·5	+3·8	80	20	40	13,28	–	–	2·31	59	–15	16	17	11	7	0	0	0	2	0	0	–	5·04	+0·34	34
	Durham .. ¶§	2121 9	336	70·0	51·3	60·7	+3·3	81	21,22	39	28	–	–	1·99	51	–12	24	26	11	6	0	0	0	1	0	1	0	5·35	+0·61	36
	Houghall	9 9 9	160	71·5	49·6	60·5	–	83	20,22	34	28	–	–	1·74	44	–	23	26	9	6	0	0	0	4	0	3	0	5·19	–	35
	Ushaw College ..	9 9 9	594	68·6	51·8	60·2	+3·0	81	22	41	29	–	–	2·23	57	–14	25	26	10	8	0	0	0	0	1	–	–	–	–	–
Yorks., N. Riding.	Ampleforth ..	9 9 9	313	71·5	54·0	62·7	+4·6	86	22	39	28	–	–	3·42	87	–	47	28	8	7	0	0	1	3	1	3	–	6·08	–	41
	Castleton ..	9 9 9	450	71·1	47·7	59·4	–	83	20,22	33	28	59·9	–	2·18	55	–	24	26	10	8	0	0	0	1	0	2	–	–	–	–
	Catterick	18–7 7	175	71·0	50·6	60·8	–	83	22	37	28	–	–	1·81	46	–	13	26	9	7	0	0	0	3	0	1	0	6·22	–	42
	Scarborough †¶§	9 9 9	118	70·2	55·5	62·9	+3·4	83	8	46	28	–	61·6	1·24	31	–40	17	26	9	4	0	0	0	1	0	0	0	6·65	+1·44	45
	York .. ¶§	2121 9	57	73·2	53·4	63·3	+3·4	86	22	42	28	62·3	59·4	2·23	57	– 7	13	26	10	7	0	0	0	3	–	–	0	6·24	+1·43	42
Yorks., E. Riding.	Hull	2121 9	8	73·7	55·2	64·5	+4·6	85	8,21	44	28	65·6	60·0	1·91	49	–25	21	26	7	6	0	0	0	2	0	0	–	6·42	–	43
	Spurn Head ..	18–7 7	29	68·9	57·1	63·0	+2·8	74	8,22	51	29	–	–	1·60	41	–21	18	28	6	6	0	0	0	7	3	–	0	7·15	+1·56	49
Lincoln.	Cranwell .. ¶§	18–7 7	240	74·4	52·4	63·4	+3·7	89	22	41	28	64·8	62·4	1·31	33	–36	8	23	9	7	0	0	1	3	4	0	0	6·71	+0·87	46
	Cleethorpes ..	9 9 9	23	70·0	54·5	62·3	–	83	21	43	28	–	–	0·96	24	–	11	26	7	6	0	0	0	4	0	0	–	6·80	–	46
	Skegness ..	9 9 9	15	69·9	55·3	62·6	+2·8	82	10	43	28	–	–	1·96	50	–12	20	8	10	5	0	0	1	4	0	0	–	6·86	+0·80	47
3. ENGLAND, E.																														
Norfolk.	Cromer	9 9 9	178	70·4	55·8	63·1	+2·6	87	22	47	28,29	–	–	1·83	47	–14	30	8	10	7	0	0	0	4	0	0	0	7·02	+1·07	48
	Hunstanton ..	9 9 9	105	72·6	56·2	64·4	–	89	22	44	28	–	–	1·80	46	–	18	8	5	4	0	0	0	4	0	–	–	6·94	–	47
	Norwich	9 9 9	110	74·5	53·1	63·8	+2·7	87	22	40	28	64·2	–	1·04	26	–	10	26	8	6	0	0	0	2	–	0	–	6·66	+0·93	47
	Sprowston ..	9 9 9	93	74·1	52·0	63·1	–	86	22	38	1,2	–	–	1·21	31	–	9	26	8	6	0	0	0	1	0	3	–	6·76	–	46
	Terrington ..	9 9 9	13	74·2	51·8	63·0	–	87	22	39	28	–	–	1·12	28	–	11	28	10	6	0	0	0	1	0	0	–	6·46	–	44
	Thetford .. (Lynford Nursery)	9 9 9	99	75·4	48·1	61·7	–	88	22	32	2,28	67·4	64·6	0·94	24	–	9	30	7	3	0	0	0	2	0	4	–	7·17	–	49
	Yarmouth ¶§	18–7 7	5	69·6	56·0	62·8	+1·7	80	10	45	29	64·9	61·1	1·52	39	–24	11	9	9	7	0	0	0	1	0	0	0	7·30	+1·00	50
Suffolk.	Bungay (Flix'n) ..	9 9 9	79	75·5	52·5	64·0	+3·1	85	22	39	2	–	–	1·61	41	–	11	30	6	6	0	0	0	1	0	0	–	–	–	–
	Copdock	9 9 9	164	74·9	52·7	63·8	+3·1	84	7,22	41	2,29	63·6	61·5	1·15	29	–	12	30	7	5	0	0	0	3	2	0	–	6·87	+1·07	47
	Felixstowe ..	18–7 7	15	70·3	56·6	63·5	+1·6	77	22	45	2	–	–	1·69	43	– 2	28	8	6	3	0	0	0	5	0	0	0	7·51	+0·81	51
	Hartest	9 9 9	250	75·7	51·0	63·3	–	87	22	37	28	–	–	0·83	21	–	14	30	6	2	0	0	0	4	0	0	–	7·65	–	52
	Lowestoft ..	9 9 9	82	71·4	54·6	63·0	+2·4	78	8	43	2,28,29	65·7	62·6	2·42	62	+ 6	25	8	9	7	0	0	0	1	0	0	0	7·59	+0·88	52
Cambridge.	Cambridge ¶§ (Bot. Gdns.)	2121 9	41	75·3	51·8	63·5	+2·6	88	22	40	28	67·3	63·1	1·56	40	–20	16	30	5	5	0	0	0	1	0	0	0	6·62	+0·61	45
	(Univ. Farm) ..	9 9 9	78	75·7	52·2	63·9	–	89	22	41	3,28	–	–	1·73	44	–	14	31	7	5	0	0	0	2	0	(2)	0	6·52	–	45
Bedford.	Luton	9 9 9	381	73·2	51·9	62·5	+2·7	84	7,22	39	28	66·3	61·2	1·67	42	–	16	30	7	6	0	0	0	1	0	0	–	6·18	+0·23	42
	Woburn	9 9 9	291	74·1	51·5	62·8	+2·9	87	21	40	28	67·5	60·4	2·09	53	– 6	18	30	10	7	0	0	0	3	0	0	–	6·53	+0·85	45
Hertford.	Rickmansworth	9 9 9	192	77·0	44·3	60·7	–	89	22	31	28	66·6	62·2	2·03	52	–	17	30	9	8	0	0	0	2	1	6	0	6·05	–	42
	Rothamsted ¶§	9 9 9	420	71·7	52·4	62·1	+2·4	84	22	40	28	63·8	–	1·50	38	–25	15	30	9	6	0	0	0	0	0	0	0	6·58	+0·63	45
	St. Albans ..	9 9 9	272	73·8	50·6	62·2	–	86	22	38	28	64·5	–	1·79	45	–13	16	30	8	6	0	0	0	1	0	0	–	–	–	–
Essex.	Clacton-on-S. ¶§	9 9 9	53	70·0	56·9	63·5	+2·1	75	21,22	46	29	65·5	62·8	2·14	54	+ 4	19	30	8	6	0	0	0	4	0	0	–	7·54	+1·02	52
	Chelmsford ..	9 9 9	134	75·0	52·6	63·8	+3·3	87	22	(40)	(2,28)	–	–	1·46	45	–10	16	30	8	7	0	0	0	2	–	–	–	–	–	–
	Chelmsford (Agr. St.)	9 9 9	193	74·4	51·5	62·9	–	86	22	39	2	–	–	2·20	56	–	18	13	8	7	0	0	0	0	–	–	–	7·02	–	48
	Earls Colne ..	9 9 9	168	75·5	52·1	63·8	–	86	22	39	2,28	–	–	0·48	12	–	4	26	6	5	0	0	0	0	–	–	–	–	–	–
	Halstead ..	9 9 9	140	75·9	51·8	63·9	+2·7	87	22	39	2,28	–	–	1·07	27	–	16	30	7	5	0	0	0	1	0	–	–	–	–	–
	Shoeburyness ‡ ..	18–7 7	11	72·7	54·9	63·8	+1·8	83	21,22	42	14	–	–	2·24	57	+17	22	30	10	7	0	0	0	5	1	0	0	7·64	+0·98	53
4. MIDLAND COUNTIES.																														
Yorks., W. Riding.	Askham Bryan ..	9 9 9		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Bingley	9 9 9	610	69·5	51·3	60·4	–	81	20,21	39	28	–	–	1·22	31	–	14	26	5	4	0	0	0	1	0	0	–	–	–	–
	Bradford	9 9 9	439	70·5	52·5	61·5	+3·3	82	20	40	28	61·1	58·3	1·31	33	–36	16	23	5	5	–	–	–	–	0	1	–	6·48	+1·73	44
	Doncaster ..	9 9 9		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Giggleswick ..	9 9 9	575	68·1	50·0	59·1	+2·3	79	20,24	37	28	–	–	1·90	48	–	19	26	10	8	0	0	0	1	0	–	0	5·73	–	38
	Harrogate ¶§	9 9 9	478	70·5	52·4	61·5	+3·8	83	22	41	28,29	60·3	59·2	1·88	48	–27	21	26	7	6	0	0	0	3	1	0	0	6·74	+1·58	46
	Huddersfield ..	2121 9	325	73·0	51·3	62·1	+3·2	86	20	39	28	61·3	59·1	1·10	28	–38	13	23	5	3	0	0	0	1	0	0	–	5·92	+1·47	40
	,, (Oakes)	9 9 9	761	71·1	52·3	61·7	–	82	20	42	28	59·4	55·9	1·65	47	–28	17	23	8	5	0	0	1	3	1	0	0	–	–	–
	Meltham .. **	9 9 9	514	70·4	51·6	61·0	+3·1	82	20,21	39	28	59·1	58·6	2·29	58	–35	24	26	8	3	0	0	0	3	1	0	–	–	–	–
	Pontefract ..	9 9 9	255	70·7	53·3	62·0	–	84	22	43	28,29	–	–	2·24	57	– 3	14	28	9	6	–	–	–	–	0	0	–	–	–	–
	Sheffield	9 9 9	428	72·3	54·3	63·3	+3·8	84	22	44	28	60·4	58·1	2·00	51	–14	19	23	7	5	–	–	–	–	0	–	–	6·20	+1·13	42
	Wakefield ..	9 9 9	124	73·7	52·1	62·9	+3·4	86	22	39	28	61·3	58·1	1·89	48	–18	21	23	9	7	0	0	0	4	0	0	–	6·15	+1·59	42
Derby.	Belper (School) ..	9 9 9	222	74·0	50·9	62·5	+3·0	84	7,22	37	28	–	–	2·04	52	–22	23	26	7	6	0	0	0	2	–	–	–	–	–	–
	Belper (Q. Bk.) ..	9 9 9	280	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Buxton	9 9 9	1007	67·6	50·9	59·3	+2·9	79	7,20,21	36	28	60·1	58·1	2·31	59	–52	30	26	10	6	0	0	0	2	0	0	–	5·72	+1·12	39
Nottingham.	Attenborough ..	18 7 7	89	75·4	51·2	63·3	–	88	20,22	37	28	–	–	1·92	49	–	26	23	8	3	0	0	0	2	2	0	0	–	–	–
	Mansfield ..	9 9 9	357	73·1	53·1	63·1	–	88	22	42	28	–	–	1·88	48	–	25	23	5	4	0	0	0	4	1	–	–	–	–	–
	Nottingham ¶§	9 9 9	192	74·0	53·7	63·9	+4·3	86	22	38	28	63·8	63·1	2·30	58	– 5	19	23	8	5	–	–	–	–	0	0	–	6·62	+1·51	45
	Sutton Bon'gton	9 9 9	157	73·8	51·1	62·5	–	85	21,22	38	28	65·1	–	2·11	54	– 4	18	23	8	6	0	0	0	1	0	0	–	6·56	–	44
	Worksop ..	9 9 9	56	74·9	50·7	62·8	+2·9	87	22	39	28	64·2	60·3	1·07	27	–35	12	26	6	4	0	0	0	3	–	0	0	6·37	–	43

† At Scarborough the earth thermometer is at a depth of 3 ft. ** At Meltham the earth thermometers are at depths of 1 ft. and 2 ft.

¶§ *See* Notes on Tables on last page of this issue. ‡ New site from 4th April, 1935.

TABLE III (*continued*).—SUMMARY of the RECORDS of TEMPERATURE, RAINFALL and SUNSHINE, and of WEATHER OBSERVATIONS, AUGUST, 1935

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. in.	mm.	Difference from Average. mm.	Most in a day. Amount. mm.	Date.	WEATHER. Number of days. Precip'n. 0·2 mm. or more.	1 mm. or more.	Snow.	Snow lying.	Hail.	Thunderstorm.	Fog (Mora's Obs.)	Ground Frost.	Gale.	BRIGHT SUNSHINE. Hours per day. Daily Mean. hr.	Difference from Average. hr.	Per Cent.
4. MID. COUNTIES—*cont.*		G.M.T.	ft.	°F.	°F.	°F.	°F.	°F.		°F.		°F.	°F.	in.	mm.	mm.	mm.											hr.	hr.	%
Leicester.	Belvoir Castle ..	2121 9	259	74·0	52·7	63·3	+4·0	87	22	43	29	65·6	60·3	1·39	35	−32	14	23	9	6	–	–	–	–	–	0	–	6·64	*+0·97*	45
North-ampton.	Oundle	9 9 9	147	73·7	52·2	62·9	*+3·1*	86	22	38	28	65·1	–	2·52	64	–	39	8	6	6	0	0	0	2	0	0	–	6·33	*+0·97*	43
	Raunds	9 9 9	213	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Roade	9 9 9	394	72·9	51·5	62·2	–	85	21	43	28	62·5	–	2·14	54	–	30	22	8	6	0	0	0	0	0	0	0	–	–	–
Warwick.	Birmingham ¶§	18–7 7	535	72·0	54·4	63·2	*+3·4*	83	7,8	44	28,29	59·8	56·7	2·16	55	−14	18	26	8	6	0	0	0	2	1	1	0	6·15	*+0·94*	42
	,, Sparkhill	713 7	425	74·4	52·0	63·2	*+3·5*	86	7,8	39	28	–	–	2·14	54	−19	15	8	9	7	0	0	1	2	(1)	2	–	–	–	–
	Coventry	9 9 9	241	72·9	51·0	61·9	*+1·5*	84	7	39	28	64·0	63·2	2·35	60	– 8	27	8	9	6	0	0	0	1	0	0	–	5·17	*−0·15*	35
	Rugby	2121 9	390	74·8	51·5	63·1	–	85	21	38	28	–	–	1·61	41	–	13	23	9	3	0	0	0	0	–	0	–	–	–	–
	Stratford-on-Avon	9 9 9	210	73·4	52·1	62·7	–	84	7,8,21	40	28	–	–	1·28	33	–	10	30	9	5	0	0	0	2	0	–	–	6·12	–	42
Oxford.	Oxford .. ¶§	9 9 9	208	74·0	53·6	63·9	+3·1	84	8,21	43	28	66·6	63·6	1·78	45	−13	25	30	7	5	0	0	0	0	0	0	0	6·45	+0·77	44
Bucks.	Mursley	9 9 9	490	72·6	52·5	62·5	–	84	22	42	28	61·2	–	2·91	74	+10	23	23	8	5	–	–	–	–	–	–	–	6·45	–	44
Stafford.	Mayfield	9 9 9	374	72·4	48·6	60·6	*+2·7*	83	7,8	35	28	–	–	1·70	43	−38	27	26	9	5	0	0	0	3	–	0	–	6·20	*+1·39*	42
Shropshire.	Newport	9 9 9	211	72·4	49·2	60·8	–	83	7	36	28	–	–	1·25	32	−37	14	26	9	4	0	0	0	2	0	1	–	6·09	–	41
	Shrewsbury ..	9 9 9	184	72·5	50·9	61·7	*+2·0*	83	6,7	38	28	63·1	61·7	1·65	42	–	17	26	10	6	0	0	1	3	0	0	0	6·09	–	41
Worcester.	Malvern	9 9 9	380	72·7	55·4	64·1	*+3·4*	84	7,8	45	28	65·7	63·0	1·90	48	−25	11	26	11	6	0	0	0	2	0	0	–	6·74	*+1·10*	46
	Worcester (Perdiswell)	9 9 9	94	74·2	50·6	62·4	–	85	7,21	39	28,29	–	–	1·58	40	–	14	30	9	6	0	0	1	2	–	0	–	6·28	–	43
Hereford.	Bromyard ..	9 9 9	393	72·4	50·0	61·2	*+2·0*	84	7	35	29	63·4	60·3	1·53	39	–	15	8	8	5	0	0	0	2	1	0	–	–	–	–
	Hereford	9 9 9	292	72·5	51·3	61·9	*+2·4*	84	7	39	28	–	–	1·37	35	−31	12	8	10	6	0	0	0	1	0	0	0	–	–	–
	Ross-on-Wye ¶§	18–7 7	223	72·3	52·4	62·3	*+2·4*	83	6,7,21	39	28	65·2	62·3	1·26	32	−33	11	30	9	8	0	0	0	2	1	0	0	6·25	*+0·86*	43
Gloucester.	Bristol (Horfield)	18–7 7	206	72·4	54·6	63·5	–	84	7	42	28	66·3	63·4	2·08	53	–	17	30	9	6	0	0	1	3	0	0	0	–	–	–
	Cheltenham ..	2121 9	214	73·9	53·5	63·7	*+2·4*	85	6,7	42	29	67·5	66·7	1·26	32	−35	12	30	8	7	0	0	0	1	1	0	0	5·91	*+0·45*	40
	Cirencester ..	9 9 9	443	72·1	51·5	61·8	*+2·7*	82	6,7,21	34	28	–	–	1·95	49	–	26	30	6	6	0	0	1	1	0	0	–	6·26	–	43
	Parkend	9 9 9	325	71·1	50·2	60·7	–	83	21	36	28	63·1	59·9	1·40	36	–	15	30	8	6	0	0	0	1	0	1	–	5·97	–	41
5. ENGLAND, S.E.																														
London.	City, Bunhill Row..	—	—	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	5·85	+0·36	40
	Camden Square ..	9 9 9	110	75·6	56·5	66·1	+2·9	89	22	46	28	64·5	60·7	1·82	46	−10	18	30	6	6	0	0	0	2	–	0	–	–	–	–
	East Ham ..	9 9 9	15	74·9	55·8	65·3	*+3·1*	88	22	45	28	–	–	1·91	49	– 4	19	30	8	8	–	–	–	–	–	–	–	–	–	–
	Enfield	9 9 9	148	75·2	54·3	64·7	*+2·8*	88	22	43	28	–	61·4	1·90	48	−13	14	30	6	6	0	0	0	1	0	0	–	6·04	–	42
	*g*Greenwich ..	2424 9	149	76·9	53·0	64·9	+2·4	91	22	42	28	62·7	60·4	2·19	55	– 1	19	30	7	6	0	0	0	2	0	0	0	5·74	−0·35	40
		21–9 –	—	76·9	53·6	65·3	–																							
	Hampstead ..	9 9 9	450	73·1	53·6	63·5	*+2·8*	86	22	45	14,28,29	–	–	2·07	53	–	17	30	7	6	0	0	0	1	–	0	–	5·92	*+0·24*	41
	Kensington ..	18–9 9	80	74·0	55·7	64·9	*+2·4*	87	22	45	28	65·2	62·5	2·01	51	– 4	18	30	7	6	0	0	0	1	0	0	0	5·95	–	41
	Kingsway ..	—	—	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	5·98	–	41
	Regent's Park ..	9 9 9	129	74·4	56·2	65·3	–	86	22	45	28	–	–	1·89	48	– 1	18	30	6	6	0	0	0	1	3	0	–	6·15	*+0·35*	42
	Kew ¶§	242424	18	73·2	54·5	63·9	+2·2	84	8	44	28	64·9	61·7	1·99	51	– 6	15	30	7	6	0	0	0	2	2	0	0	6·17	+0·27	43
	Observatory ..	18–7 –	—	73·4	55·2	64·3	*+2·2*																							
	Stroud Green ..	18 7 7	212																											
	Tottenham ††¶§	2121 9	51	75·5	56·7	66·1	*+3·4*	88	22	48	28	–	63·9	1·74	44	– 8	16	30	6	6	0	0	0	1	–	0	–	6·18	*+0·23*	43
	Westminster ..	9 9 9	27	74·1	57·1	65·6	*+3·7*	86	22	46	28	–	–	1·98	50	– 8	18	30	7	6	0	0	0	1	–	0	–	6·08	+0·35	42
Surrey.	Addington ..	9 9 9	472	72·5	54·9	63·7	+3·4	83	8	44	28	–	–	2·42	61	–	21	24	7	6	0	0	0	0	2	–	–	–	–	–
	Croydon ..	18–7 7	217	73·2	54·3	63·7	*+2·4*	86	7	44	28	–	–	3·10	79	+20	25	24	7	6	0	0	0	1	1	0	0	6·19	*+0·03*	43
	Wisley	9 9 9	150	73·9	51·7	62·8	*+1·5*	85	7,21,22	42	14,28	64·9	63·4	3·35	85	–	37	24	8	7	0	0	0	0	0	0	0	5·88	*−0·17*	41
Kent.	Biggin Hill ..	18–7 7	567	70·3	54·5	62·4	*+2·7*	82	8,22	45	1	–	–	3·17	80	+13	26	24	6	6	0	0	0	2	1	0	0	6·35	*−0·06*	44
	Bromley	9 9 9	213	73·9	53·7	63·8	–	86	22	44	28	–	–	2·07	53	– 3	17	30	6	6	0	0	0	2	1	0	–	–	–	–
	Canterbury ..	9 9 9	124	73·6	51·8	62·7	*+0·7*	85	7,8	39	1	65·3	61·6	3·61	92	–	24	30	10	7	–	–	–	–	–	0	–	–	–	–
	Dover	9 9 9	22	71·1	56·0	63·5	*+2·4*	84	22	46	28	66·6	65·4	3·98	101	–	27	30	10	8	0	0	0	4	0	0	0	7·59	*+0·84*	52
	Dungeness ..	18–7 7	20	69·9	54·3	62·1	*+0·6*	83	7	44	14	–	–	5·36	136	+86	32	30	10	9	0	0	0	4	1	–	0	–	–	–
	East Malling ..	9 9 9	132	73·5	49·0	61·3	–	85	7,22	39	1,28	–	–	2·67	68	–	23	30	8	8	0	0	0	2	0	0	0	6·26	–	43
	Folkestone ..	9 9 9	101	70·6	56·2	63·4	*+1·8*	83	22	46	28	–	62·7	4·40	112	–	28	30	11	9	0	0	0	6	0	0	–	7·23	*+0·43*	50
	Goudhurst ..	9 9 9	290	72·2	49·8	61·0	–	83	21,22	41	1,14,28	–	–	4·46	113	–	33	30	10	10	0	0	0	6	1	0	–	–	–	–
	Lympne	18–7 7	346	70·0	54·4	62·2	*+2·2*	81	8,22	43	29	–	64·5	5·00	127	+68	25	8	12	9	0	0	1	7	4	0	0	7·22	*+0·54*	50
	Manston	18–7 7	142	71·9	55·5	63·7	–	85	22	45	28	–	–	2·93	74	–	22	30	11	7	0	0	0	5	1	0	0	7·61	–	53
	Margate .. ¶§	9 9 9	51	72·2	59·0	65·6	*+3·1*	87	22	48	29	68·7	66·2	2·25	57	+ 8	22	30	9	6	0	0	0	2	0	0	0	7·93	+1·36	55
	Tunbridge W. ..	9 9 9	355	72·9	51·2	62·1	*+1·3*	87	8	42	1,14,29	64·3	63·4	4·68	119	–	31	30	10	7	0	0	0	4	0	0	0	6·71	+0·38	46
	Wye	9 9 9	164	73·2	50·4	61·8	–	84	7,8	38	1	–	–	3·93	100	–	24	30	10	7	0	0	0	2	–	0	0	6·90	–	48
Sussex.	Ardingly ..	9 9 9	437	72·4	52·5	62·5	*+2·6*	84	8	41	29	–	–	4·65	118	–	41	30	9	7	0	0	0	3	–	0	–	–	–	–
	Beachy Head ..	18–7 7	502	68·1	53·8	60·9	–	77	8	43	29	–	–	4·52	115	–	41	30	13	10	0	0	0	4	2	–	–	–	–	–
	Brighton	9 9 9	32	70·1	55·7	62·9	*+0·9*	78	8	48	28,29	–	64·8	4·20	107	+52	34	30	10	10	0	0	0	1	0	0	0	7·75	+1·05	53
	Eastbourne ..	2121 9	35	70·2	56·3	63·3	+1·3	79	9	48	28,29	65·8	63·9	4·31	109	+46	45	30	11	9	0	0	0	3	0	0	–	8·40	+1·33	58
	Hastings ‡ ¶§	2121 9	149	69·8	56·3	63·1	*+1·8*	81	8	47	28,29	66·6	62·9	5·35	131	+70	43	30	11	8	0	0	1	2	0	0	1	7·77	+0·89	54
Berkshire.	Ascot H'therw'd	2121 9	320	73·2	51·7	62·5	–	85	7,8,22	40	28	–	–	2·51	64	–	18	24	6	6	0	0	0	1	1	0	–	6·03	–	42
	Reading	9 9 9	152	74·6	53·1	63·9	*+3·0*	87	7	43	28,29	65·5	63·5	2·44	62	–	18	24	8	5	0	0	0	2	–	0	–	–	–	–
	Shinfield	9 9 9	200	75·0	51·5	63·3	*+2·9*	88	7	41	28	–	–	2·64	67	–	25	24	7	5	0	0	0	1	–	–	–	–	–	–
	Warfield	9 9 9	220	74·3	50·9	62·6	–	86	7,22	41	28	65·9	–	2·15	55	–	14	30	7	6	0	0	0	1	6	1	–	5·95	–	41
Hampshire.	Bournemouth ..	9 9 9	139	72·3	54·2	63·3	*+2·0*	83	6	44	28,29	64·7	63·3	2·38	73	+ 9	25	24	11	9	0	0	0	1	1	–	–	6·89	*+0·25*	48
	Calshot	18–7 7	8	71·3	55·5	63·4	*+2·0*	81	6,7	46	29	–	–	3·69	94	+43	35	24	11	9	0	0	1	2	1	0	0	7·06	*+0·68*	49
	Long Sutton ..	9 9 9	479	73·0	52·2	62·6	–	84	6,8	43	14,28	66·5	–	3·30	84	–	37	24	7	5	0	0	0	0	0	0	–	6·08	–	42
	Southamp'n ¶§	2121 9	64	72·3	51·9	62·1	+0·2	82	6	40	29	–	–	2·82	72	+ 5	29	24	11	7	0	0	0	0	1	0	0	6·73	+0·36	46
	S. Farnboro' ..	18–7 7	237	74·7	50·0	62·3	*+1·6*	86	8,21	39	29	–	–	3·52	89	+33	51	24	7	5	0	0	0	1	3	2	0	6·11	*+0·06*	42

†† Tottenham is used as a "district value" station for England, E., and not for England, S.E.

g Temperature from thermometers on a Glaisher stand. ¶§ § See Notes on Tables on last page of this issue. ‡ New site from August 1st, 1935.

TABLE III (*continued*).—SUMMARY of the RECORDS of TEMPERATURE, RAINFALL and SUNSHINE, and of WEATHER OBSERVATIONS, AUGUST, 1935

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.		Difference from Average.	Most in a day. Amount.	Date.	WEATHER. Number of days. Precip'n. 0·2 mm. or more.	1 mm. or more.	Snow.	Snow lying.	Hail.	Thunderstorm.	Fog (Morn'g Obs.).	Ground Frost.	Gale.	BRIGHT SUNSHINE. Hours per day. Daily Mean.	Difference from Average.	Per Cent.
5. ENGLAND, S.E.—*cont.*		G.M.T.	ft.	°F.	°F.	°F.	°F.	°F.		°F.		°F.	°F.	in.	mm.	mm.	mm.												hr.	hr.	%
I. of Wight.	Newport	9 9 9	48	74·0	51·3	62·7	–	85	21	40	29	–	–	4·42	112	–	33	30	11	8	0	0	1	3	1	0	–	–	–	–
	Ryde	9 9 9	13	71·5	56·1	63·8	*+1·9*	82	6	47	28,29	–	–	3·46	88	–	28	30	9	8	0	0	0	2	0	–	0	7·43	*+0·54*	51
	Sandown ..	9 9 9	13	70·4	56·0	63·2	*+0·9*	78	6	47	28,29	–	–	4·34	110	–	37	30	12	10	0	0	1	2	0	–	–	7·89	*+1·13*	54
	Totland Bay ..	9 9 9	140	70·1	54·6	62·3	+1·1	80	14	46	28	–	–	3·07	78	+21	25	30	12	10	0	0	0	0	2	0	0	7·05	*+0·53*	49
	Ventnor (Hospital)	9 9 9	59	70·3	57·6	63·9	+1·8	78	8	50	28	–	–	3·74	95	+44	37	30	12	10	0	0	0	3	–	–	0	7·48	+0·83	52
Wilts.	Amesbury (Boscombe Down)	18–7 7	417	71·7	51·5	61·6	–	83	7	42	28,29	–	–	1·91	49	–	20	24	7	5	0	0	0	1	5	0	0	6·08	–	42
	Larkhill	9 9 9	440	71·8	51·0	61·4	*+2·1*	83	7	40	29	–	–	2·59	66	+11	31	24	9	5	0	0	0	2	0	1	0	–	–	–
	Marlboro' ‖ ¶§	9 9 9	424	72·3	48·5	60·4	+1·8	82	6,7,21	36	28	61·1	58·6	2·41	61	– 6	22	24	12	6	0	0	0	1	0	3	0	6·04	+0·68	42
	Porton	9 9 9	363	72·6	50·0	61·3	*+2·2*	82	6,7	39	29	65·1	–	1·87	47	-10	17	24	8	5	0	0	0	2	0	0	0	6·32	–	44
7a. ENGLAND, N.W.																														
Cumberland.	Keswick	9 9 9	254	67·3	51·8	59·5	*+1·8*	78	24	38	28	61·0	57·9	2·54	65	-68	37	26	11	7	0	0	0	0	0	0	0	5·07	*+1·04*	34
	Newton Rigg ¶§	2121 9	560	68·3	49·3	58·8	+2·3	78	24	35	28	–	–	1·79	45	-46	23	26	9	6	0	0	0	0	0	2	0	5·19	+0·44	35
Westmorland.	Ambleside ..	9 9 9	145	68·3	49·4	58·9	–	79	24	41	29	–	–	2·19	56	–	28	26	12	10	0	0	0	0	0	–	–	4·12	–	35
	Appleby	9 9 9	440	68·9	49·3	59·1	*+2·9*	78	21	34	28	–	–	1·64	42	-42	16	26	10	9	0	0	0	0	–	–	–	–	–	–
Lancashire.	Bolton	9 9 9	342	70·3	52·5	61·4	+2·9	81	20	44	29,30	62·3	59·4	1·91	49	-67	30	26	6	6	0	0	0	2	–	0	–	5·45	+1·40	378
	Burnley	9 9 9	458	69·3	50·7	60·0	*+2·4*	81	20	37	13	61·5	58·6	1·26	32	–	14	26	8	4	0	0	0	1	1	0	–	6·08	*+1·91*	41
	Darwen	2121 9	724	71·4	51·7	61·5	*+4·1*	82	6,20	43	13,28	62·8	58·3	2·92	74	-56	26	26	7	7	0	0	0	1	1	0	–	6·26	*+2·06*	43
	Hutton	9 9 9	82	69·3	51·2	60·3	*+1·8*	80	24	39	13	61·6	59·0	2·60	66	–	19	26	11	8	0	0	0	2	0	0	0	6·40	*+2·68*	43
	Lancaster ..	9 9 9	312	69·4	53·3	61·3	*+2·6*	81	24	44	14,28	60·2	59·1	2·82	72	-43	25	29	13	9	0	0	0	1	0	0	0	6·42	*+1·77*	43
	Leyland	9 9 9	125	69·4	50·8	60·1	*+2·3*	80	24	40	13	–	–	2·22	56	-42	16	26	9	7	0	0	0	2	0	0	–	6·60	*+1·84*	45
	Manchester (Barton) ..	18–7 7	70	71·6	49·8	60·7	–	83	7	37	28	–	–	1·35	34	–	18	26	8	5	0	0	0	1	5	0	0	5·96	–	41
	(Oldham Road)	2121 9	191	72·0	56·7	64·3	+4·0	84	20	47	29	64·3	62·4	1·68	43	-51	25	26	7	5	0	–	0	1	–	0	–	4·78	*+1·03*	338
	(Whitworth Pk.)	2121 9	125	71·1	54·1	62·6	+2·9	83	20	43	28	–	–	2·00	51	-37	19	28	11	7	–	–	–	–	0	0	–	5·27	*+1·29*	36
	Southport .. (Bedford Rd.Pk.) ¶§	9 9 9	35	68·8	53·9	61·3	+2·2	78	21	44	13	64·6	60·6	2·73	69	-19	28	26	9	8	0	0	1	4	0	0	0	6·94	+1·33	47
	Stonyhurst ¶§	9 9 9	377	68·2	52·4	60·3	+2·4	78	20,21	41	28	–	–	1·64	42	-87	16	26	10	7	0	0	0	2	1	0	0	6·89	+2·18	47
Cheshire.	Bidston Obs'y. ..	2121 9	198	66·2	55·5	60·9	+1·8	76	21	45	28	–	–	1·47	37	-41	12	26	9	7	0	0	0	2	0	0	0	6·37	*+1·25*	43
	Hoylake	9 9 9	23	69·2	53·2	61·2	+1·4	78	20,21	40	28	–	–	1·18	30	-44	12	26	9	7	0	0	0	2	–	0	–	6·69	+1·16	46
	Macclesfield ..	9 9 9	500	70·9	52·9	61·9	+3·6	82	7,20	41	28	–	–	2·23	57	-39	25	26	8	6	0	0	0	1	0	–	–	–	–	–
	West Kirby ..	9 9 9	25	70·5	55·3	62·9	–	82	20	42	28	–	–	0·83	21	-58	7	26	8	5	0	0	0	2	0	0	–	6·33	–	43
7b. NORTH WALES.																														
Flint.	Hawarden B'dge	9 9 9	17	70·7	52·3	61·5	+1·4	81	7,8,20	36	28	–	–	0·96	25	–	8	26	10	8	0	0	0	0	0	–	–	–	–	–
	Rhyl	9 9 9	31	67·2	53·6	60·4	*+0·7*	75	21	40	28	–	–	0·81	21	-51	7	28	9	5	0	0	0	2	0	0	0	5·95	*+0·27*	40
	Sealand .. ¶§	18–7 7	16	69·6	51·1	60·3	*+1·2*	82	7	35	28	61·9	59·0	1·41	36	-37	17	18	10	6	0	0	0	3	3	0	0	6·14	*+1·18*	42
Anglesey.	Holyhead ¶§	18–7 7	26	64·4	55·2	59·8	*+1·3*	68	5,8	49	22,28,29	–	–	1·80	46	-35	13	26	11	7	0	0	1	1	1	0	0	6·13	*+0·74*	42
Denbigh.	Colwyn Bay ..	9 9 9	118	66·5	56·8	61·7	*+1·4*	75	20,21	52	4,23,27	–	–	1·72	44	-37	14	28	11	8	0	0	0	1	1	–	–	5·65	*+0·41*	38
Carnarvon.	Aber	9 9 9	60	67·2	53·9	60·5	–	75	7	46	28	–	–	2·13	54	–	17	26	10	8	0	0	0	0	–	0	0	5·76	–	39
	Llandudno ..	9 9 9	13	67·7	55·4	61·5	*+1·5*	76	20,21	46	13,28	–	–	1·61	46	-26	12	27	8	8	0	0	0	1	0	0	0	6·14	+0·63	42
Montgomery.	Welshpool ..	9 9 9	254	74·1	49·9	62·0	*+2·9*	84	7	37	28	–	–	1·23	31	-45	17	26	8	6	0	0	0	0	0	–	–	–	–	–
8a. SOUTH WALES.																														
Cardigan.	Aberystwyth ..	9 9 9	12	65·9	54·3	60·1	*+0·2*	71	21	47	29	–	–	3·30	84	–	31	26	10	9	0	0	1	0	0	–	–	6·87	*+1·88*	47
	,, P.B.S. †	9 9 9	452	64·7	52·6	58·7	–	72	7	44	29	–	–	4·35	111	–	37	26	12	10	0	0	1	0	0	0	(0)	6·32	–	43
Pembroke.	Haverfordwest ..	2121 9	250	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–	–	–	–	–	–	–	–
	St. Ann's Hd. ¶§	18–7 7	142	63·9	55·3	59·6	*+0·9*	70	1	50	13,28,2	–	–	1·40	36	-44	10	16	11	8	0	0	0	1	2	–	0	6·13	+0·38	42
Radnor.	Rhayader ¶§	9 9 9	757	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–	–	–	–	–	–	–	–
Brecknock.	Cantref	9 9 9	1080	66·6	50·9	58·7	–	79	7	38	28	–	–	2·71	69	–	24	26	14	10	0	0	0	0	0	–	–	5·67	–	39
Glamorgan.	Cardiff	2121 9	202	70·8	54·4	62·6	*+2·7*	82	8	44	28,29	64·1	61·6	2·21	56	-51	28	30	8	6	0	0	1	2	0	0	0	6·29	*+0·35*	43
	Swansea	9 9 9	27	70·1	56·5	63·3	*+1·6*	80	7	46	28	68·0	63·5	1·81	46	–	14	30	10	7	0	0	0	1	0	0	–	6·53	*+1·16*	45
8b. ENGLAND, S.W.																														
Monmouth.	Newport	9 9 9	265	72·5	53·8	63·1	*+2·4*	84	7	44	28	64·7	61·0	1·98	50	–	25	30	10	7	–	–	–	–	0	–	–	6·35		44
	Usk	9 9 9	70	72·9	48·7	60·8	–	84	7,8	37	28	65·8	–	1·37	35	–	13	31	8	5	0	0	0	2	0	0	0	5·28	–	36
Somerset.	Bath .. ¶§	9 9 9	67	72·8	53·8	63·3	*+2·3*	84	8	41	28,29	66·1	63·8	1·57	40	-35	17	30	9	6	0	0	0	2	0	–	0	6·22	*+0·41*	43
	Cannington ..	9 9 9	95	72·0	54·2	63·1	–	81	7,21	43	28	–	–	1·92	49	–	10	17	11	10	0	0	0	3	0	0	0	6·74	–	46
	Long Ashton ..	9 9 9	162	71·8	52·7	62·3	*+2·0*	84	7	42	28	–	–	1·97	50	-39	18	30	12	6	0	0	0	3	0	0	0	6·55	*+0·77*	45
Dorset.	Holton Heath ..	9 9 9	64	71·6	50·8	61·2	*+1·3*	82	6	39	29	66·1	65·8	3·09	78	–	27	24	11	8	0	0	0	1	0	0	0	5·75	*-0·61*	40
	Portland Bill ..	18–7 7	32	66·8	58·1	62·5	*+1·7*	75	6	52	13,28	–	–	2·89	73	+24	21	24	11	10	0	0	0	1	0	–	0	–	–	–
	Shaftesbury ..	9 9 9	722	70·1	53·3	61·7	+2·4	82	7	45	28,29	–	–	2·48	63	-11	25	24	6	6	0	0	0	0	0	–	–	–	–	–
Devon.	Arlington ..	9 9 9	613	68·8	51·5	60·1	+1·6	79	7	43	28	–	–	3·91	99	-31	42	30	11	9	0	0	0	2	–	0	–	–	–	–
	Cullompton ¶§	9 9 9	202	73·6	50·9	62·3	+1·7	85	6	41	28	64·8	–	2·13	54	-23	23	30	10	9	0	0	0	1	0	0	–	5·89	-0·15	41
	Ilfracombe ..	9 9 9	25	66·6	58·0	62·3	*+1·1*	70	17,20,21	52	30	65·9	62·9	2·52	64	-24	18	30	10	6	0	0	0	0	1	0	–	6·86	*+1·23*	47

† Plant Breeding Station. ¶§ *See* Notes on Tables on last page of this issue. ‖ On and after April 14th, observations were taken one hour earlier than the times shewn.

TABLE III (*continued*).—SUMMARY of the RECORDS of TEMPERATURE, RAINFALL and SUNSHINE, and of WEATHER OBSERVATIONS, AUGUST, 1935

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. in.	mm.	Difference from Average. mm.	Most in a day. Amount. mm.	Date.	WEATHER. Number of days. Precip'n. 0·2 mm. or more.	1 mm. or more.	Snow.	Snow lying.	Hail.	Thunderstorm.	Fog (Morn'g Obs.)	Ground Frost.	Gale.	BRIGHT SUNSHINE. Hours per day. Daily Mean.	Difference from Average.	Per Cent.
		G.M.T.	ft.	°F.	°F.	°F.	°F.	°F.		°F.		°F.	°F.	in.	mm.	mm.	mm.											hr.	hr.	%
8b. ENGLAND, S.W.—*cont.*																														
Devon.—*cont.*	Killerton	9 9 9	159	73·1	51·2	62·1	*+1·8*	86	7	42	28,29	–	–	2·43	62	–	19	30	10	9	–	–	–	–	0	(0)	–	–	–	–
	Newton Abbot	9 9 9	375	73·0	52·6	62·8	–	84	7	45	28	–	–	2·30	58	– 7	23	30	7	6	0	0	0	2	0	0	–	6·02	–	41
	Paignton	9 9 9	12	70·4	54·4	62·4	*+2·1*	77	5,6	45	28	–	–	2·45	62	–	28	30	11	6	0	0	0	1	0	0	–	6·77	*+0·36*	47
	Plymouth (Hoe)	2121 9	117	68·6	54·9	61·7	+0·8	78	8	44	28	65·9	63·0	2·92	74	– 4	26	30	11	9	0	0	0	2	0	0	0	6·98	+0·85	49
	Plymouth (Mount Batten)	18–7 7	82	67·5	55·1	61·3	*+1·3*	74	7,8	45	28,29	–	–	2·84	72	–	29	30	11	5	0	0	0	3	0	0	0	6·89	*+1·31*	48
	Princetown	9 9 9	1430	66·1	50·3	58·2	*+1·9*	77	7	42	28,29	–	–	3·30	84	–89	32	30	11	11	0	0	0	2	2	0	–	–	–	–
	Salcombe	9 9 9	39	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Sidmouth	9 9 9	25	69·1	54·5	61·8	+1·7	78	8	44	29	–	–	2·56	65	–	20	24	8	6	0	0	0	2	1	(0)	–	6·61	–	46
	Tavistock	9 9 9	457	70·0	51·7	60·9	*+2·0*	83	7	40	28	–	62·4	2·09	53	-47	19	30	12	8	0	0	0	2	0	1	0	–	–	–
	Teignmouth	9 9 9	20	70·0	55·8	62·9	*+0·9*	76	8,10,22	48	28	–	–	2·78	71	+14	21	30	10	8	0	0	0	3	0	–	–	6·99	*+0·69*	48
	Torquay	9 9 9	27	69·9	55·0	62·5	*+0·6*	76	8,10,21	46	28	–	64·3	2·35	60	– 5	26	30	11	7	0	0	0	0	0	0	0	7·14	+0·50	50
	Woolacombe	9 9 9	60	66·0	56·7	61·3	+0·4	70	6,20	49	28	–	–	2·40	61	-15	15	30	10	7	0	0	0	1	0	0	–	–	–	–
Cornwall.	Falmouth Obs. ¶§	9 9 9	167	69·0	55·2	62·1	*+1·5*	77	7	48	28	63·1	63·8	4·00	102	+18	41	23	12	9	0	0	1	0	0	0	–	7·03	+0·65	49
	Fowey	9 9 9	51	69·9	54·2	62·1	*+1·1*	79	8	45	28	–	–	3·47	88	–	39	23	11	9	0	0	0	1	0	–	–	6·75	*+0·89*	47
	Gulval	9 9 9	20	69·3	51·5	60·4	–	79	7	45	22,30	–	–	2·16	55	–	27	30	12	7	0	0	0	0	–	0	–	6·82	–	47
	The Lizard	18–7 7	240	68·2	55·0	61·6	–	78	7	48	28	–	–	3·13	79	–	26	30	10	8	0	0	0	0	0	–	0	–	–	–
	Newquay	9 9 9	190	65·5	54·6	60·1	*–0·1*	75	20	47	22	62·8	60·6	4·05	103	+37	59	23	12	11	0	0	1	0	1	–	0	6·73	+0·58	47
	Redruth	9 9 9	397	66·4	53·6	60·0	*+0·4*	72	11,20	47	28	–	–	3·62	92	+ 5	35	23	14	10	0	0	0	0	0	0	0	–	–	–
9. IRELAND, N.																														
Sligo.	Markree Cas. ¶§	2121 9	122	65·4	51·3	58·3	+1·4	76	6	37	28	61·0	57·8	3·17	81	–29	13	7	15	13	0	0	0	0	0	–	0	3·01	–1·05	20
Mayo.	Blacksod Pt. ¶	18–7 7	18	62·2	54·7	58·5	–	67	6	47	27	–	–	3·70	94	–22	18	20	19	16	0	0	0	0	0	–	0	–	–	–
	Mallaranny §	9 9 9	113	63·5	53·7	58·6	*+1·0*	72	6	46	27,28	–	–	6·03	153	–	30	10	20	19	–	–	–	–	0	–	–	3·50	*–0·64*	24
Donegal.	Malin Head ¶§	18–7 7	84	62·5	54·0	58·3	*+2·0*	74	20	48	29	–	–	2·96	75	–15	19	28	14	12	0	0	0	0	0	–	0	3·84	*–0·45*	26
Antrim.	Aldergrove	18–7 7	238	65·9	51·7	58·8	–	75	7	38	28	–	–	1·43	36	–55	6	26	14	10	0	0	0	0	1	0	0	4·40	–	30
Down.	Donaghadee	7 7 7	40	65·1	–	–	–	73	10	–	–	–	–	1·75	45	–40	17	30	10	7	0	0	0	0	1	–	0	–	–	–
	Hillsborough	9 9 9	388	65·4	51·5	58·5	–	75	7	39	28	59·6	–	3·46	88	–	23	18	14	12	0	0	0	0	0	(1)	0	4·45	–	30
Armagh.	Armagh ¶§	2121 9	204	67·1	51·3	59·2	+1·5	74	6,7,20	41	28	61·7	59·0	2·80	71	–21	10	7	15	12	0	0	0	1	0	0	0	4·36	–0·04	29
Longford.	Newtownforbes	2121 9	154	66·5	50·9	58·7	*+1·6*	77	6	39	28	60·0	58·0	2·90	74	–30	12	7	15	14	0	0	0	0	–	–	–	–	–	–
10. IRELAND, S.																														
Dublin.	Balbriggan	9 9 9	203	67·1	52·3	59·7	+2·0	75	10	42	27,28	62·2	60·8	1·98	50	–36	14	26	11	8	0	0	0	0	0	0	–	–	–	–
	Dublin City ¶	2121 9	54	68·5	55·8	62·1	*+2·6*	74	7,20,24	46	27	–	–	2·25	57	–20	22	26	8	7	0	0	0	0	0	0	0	–	–	–
	,, Glasnevin	2121 9	55	69·5	52·2	60·9	+2·2	77	20	42	28	–	–	2·30	58	–24	20	26	11	7	0	0	1	0	0	0	0	–	–	–
	,, Phœnix Pk. §	2121 9	155	69·8	51·5	60·7	+3·0	78	7	41	13	–	–	2·20	56	–24	23	26	11	8	0	0	1	0	0	0	–	5·34	+0·32	36
	,, Trin. Coll.	2121 9	13	70·9	54·8	62·9	*+3·5*	78	10,20	45	27	64·5	61·1	2·24	57	–17	23	26	11	7	0	0	0	0	–	0	0	–	–	–
	Hazelhatch (Peamount San.)	9 9 9	366	68·4	51·2	59·8	–	76	10	41	13,27	62·8	61·6	2·16	55	–	24	26	10	7	–	–	–	–	0	–	–	5·47	–	37
	Rathfarnham	9 9 9	169	68·9	53·8	61·3	–	76	20	45	27,28	61·2	–	2·48	63	–	27	26	9	8	0	0	0	0	0	0	–	5·15	–	35
Wicklow.	Newcastle	2121 9	256	67·7	52·6	60·1	*+1·6*	77	7	44	28	–	–	1·83	47	–	13	18	8	8	0	0	0	0	0	–	–	–	–	–
Offaly.	Birr Castle ¶§	18–7 7	173	67·9	52·0	59·9	*+2·2*	77	6	37	28	61·0	59·0	3·23	82	–15	20	26	15	6	0	0	0	0	2	0	0	4·39	–0·07	30
Leix.	Mountmellick	9 9 9	245	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Waterford.	Seskin, Carrick-on-Suir	2121 9	535	68·5	51·6	60·5	*+2·4*	76	1,6,7	43	27,28,29	–	–	1·37	35	–	9	26	14	9	0	0	0	0	1	0	0	5·85	*+1·08*	40
	Waterford ¶	9 9 9	137	68·6	53·4	61·0	*+1·9*	76	6	43	28	–	–	1·03	26	–70	8	23	11	5	0	0	0	0	3	–	0	–	–	–
Limerick.	Foynes	9 9 9	43	68·8	54·2	61·5	*+2·6*	79	7	46	27,28,29	–	–	3·83	92	– 6	25	26	16	11	–	–	–	–	–	–	–	–	–	–
Kerry.	Valentia Obs. ¶§	242424	30	63·9	55·4	59·7	+1·0	68	6	47	31	62·4	60·1	4·70	120	– 3	15	22	23	18	0	0	1	0	1	0	0	4·38	–0·46	30
		18–7 –	—	63·9	55·3	59·6	*+1·3*																							
Cork.	Ballinacurra §	9 9 9	24	68·3	52·8	60·5	*+1·6*	75	1	42	28,31	–	–	1·60	41	–54	9	26	9	7	0	0	1	0	–	–	–	6·09	*+1·07*	42
	Cork	9 9 9	57	68·9	52·7	60·8	–	76	6	41	31	–	–	2·68	68	–18	33	11	11	7	0	0	0	0	0	0	–	5·34	–	37
	Roche's Pt. ¶	18–7 7	22	65·5	55·5	60·5	*+2·0*	70	1,8	48	29	–	–	1·84	47	–49	12	11	15	9	0	0	0	2	1	–	0	–	–	–
11. CHANNEL ISLES AND SCILLY.																														
Scilly.	St. Mary's ¶§	18–7 7	163	67·5	56·9	62·2	*+2·1*	71	11,19,21	52	28	–	–	2·89	74	+ 6	31	30	14	10	0	0	0	0	0	–	0	7·37	+1·02	51
Guernsey.	St. Peter Port ¶§	18–7 7	175	68·5	56·5	62·5	*+1·1*	78	7	51	3,28	67·6	64·4	1·44	37	–23	11	12	10	8	0	0	0	2	0	0	0	8·77	*+1·19*	61
Jersey.	St. Heliers ¶§	9 9 9	28	70·6	58·3	64·5	*+1·4*	84	21	52	16	–	–	2·20	56	– 6	27	12	9	7	0	0	0	1	0	–	–	8·98	+1·60	63
GIBRALTAR	.. .. ..	18–7 7	102	83·0	70·5	76·7	*+0·4*	96	1	64	29,30	–	–	0·06	2	– 1	1	8	2	1	0	0	0	0	1	0	0	–	–	–
MALTA	.. .. ..	18–7 7	231	84·2	74·4	79·3	*+0·4*	91	12	70	24	–	–	0·01	0·3	– 3	0·3	26	1	0	0	0	0	0	0	0	–	11·20	–	83

¶§ S *See* Notes on Tables on last page of this issue.

TABLE III (*a*).—RIVER TEMPERATURE

Place.	River.	Hour.	Highest.	Lowest.	Mean.	Difference from Average.
			°F.	°F.	°F.	°F.
Belper	Derwent	9	–	–	–	–
Attenborough	Trent	7	71·6	61·0	67·1	–
	,,	18	74·0	61·6	68·2	–

TABLE III (*b*).—SKY OBSERVATIONS, AUGUST, 1935

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	31 nights
Average exposure (hours)	7·40	6·32
Polaris unobscured (per cent.)	63	64
δ Ursæ Minoris (ditto)	59	58

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

TABLE III (*c*).—SOLAR RADIATION.

DIRECT SOLAR RADIATION KEW OBSERVATORY.	Cal./cm.²/diem.
Max.	819
Mean	254

TABLE IV.—SUMMARY of the OBSERVATIONS of PRESSURE, TEMPERATURE, HUMIDITY, CLOUD, VISIBILITY and WIND at fixed hours at certain Stations during the month of AUGUST, 1935

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.	4 to 7	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										
0. SCOTLAND, N.	G.M.T.	ft.	mb.	mb.	°F.	°F.	mb.	%																									
Shetlands. Lerwick	1	160	1012·6	-	53·3	0·9	12·9	94	8·0	0	3	2	14	12	0	3	1	0	0	2	4	5	16	0	0	11	17	3	1	3	2	0	5	12	4	1
	7	160	1011·9	+2·3	53·6	1·1	13·2	93	8·5	0	0	5	17	9	0	1	1	0	1	0	7	8	13	0	0	12	19	0	1	1	4	1	7	10	6	1
	13	160	1012·3	-	56·1	2·2	13·2	86	8·0	0	0	5	21	5	0	0	0	0	1	0	4	8	17	1	1	13	17	0	2	1	1	4	6	8	7	2
	18	160	1012·5	-	55·2	1·7	13·1	89	8·0	0	1	7	16	7	0	0	0	1	0	2	5	6	13	4	0	14	17	0	1	2	2	2	7	8	9	0
Orkneys. Deerness	9	165	1012·0	-	56·0	1·6	13·7	90	7·6	0	1	8	14	8	0	2	0	0	0	1	8	2	17	1	-	-	-	-	-	-	-	-	-	-	-	-
	21	165	1012·6	-	54·4	1·1	13·2	93	7·3	0	6	3	13	9	0	1	0	1	0	0	4	6	19	0	-	-	-	-	-	-	-	-	-	-	-	-
Hebrides. Stornoway ..	1	83	1012·0	-	54·0	1·3	13·0	91	8·7	0	0	4	14	13	0	1	0	0	1	1	3	8	16	1	0	8	21	2	3	1	1	0	7	11	4	2
	7	83	1011·3	+0·9	54·9	1·6	13·2	89	8·8	0	0	2	22	7	0	0	0	0	1	0	4	7	18	1	0	6	24	1	3	1	1	2	6	11	4	2
	13	83	1011·8	-	59·0	3·6	13·4	79	8·8	0	1	1	22	7	0	0	0	0	0	0	4	10	13	4	0	9	22	0	2	0	0	2	7	8	8	4
	18	83	1011·9	-	57·7	3·1	13·3	81	8·7	0	0	3	18	10	0	0	0	0	0	1	1	11	17	1	0	9	22	0	3	1	1	0	6	6	10	4
Caithness. Wick	1	79	1012·3	-	53·9	0·5	13·7	97	8·3	0	2	3	12	14	0	0	0	0	0	0	0	3	28	0	0	2	29	0	0	2	0	3	5	8	7	6
	7	79	1011·6	+1·0	54·6	0·8	14·0	95	8·4	0	1	4	16	10	0	2	0	0	0	0	0	6	22	1	0	6	25	0	2	2	1	3	8	8	4	3
	13	79	1012·1	-	58·0	2·0	14·4	88	8·4	0	0	5	18	8	0	0	0	0	0	0	0	7	24	0	0	7	24	0	2	1	1	6	10	4	2	5
	18	79	1012·1	-	57·7	2·0	14·4	88	8·4	0	1	2	22	6	0	0	0	0	0	0	0	3	28	0	0	6	25	0	2	0	3	5	3	5	4	9
Inverness. Dalwhinnie † ‖ ..	7	1180	970·4	-	52·6	1·9	12·0	87	9·3	0	1	2	4	24	0	0	0	0	0	0	4	15	12	0	0	4	20	7	1	2	0	0	6	9	3	3
	13	1180	970·7	-	60·1	5·0	12·5	71	8·7	0	1	4	4	22	0	0	0	0	0	0	2	10	19	0	0	6	24	1	1	0	0	0	4	12	8	5
	18	1180	970·7	-	58·6	4·6	12·4	73	9·1	0	2	2	3	24	0	0	0	0	0	1	0	13	17	0	0	4	25	2	0	2	0	0	5	10	8	4
Inverness. Inverness	9	250	1012·2	-	57·8	3·5	12·9	79	6·1	1	5	8	14	3	0	0	0	0	0	2	0	1	20	8	0	11	14	6	1	0	0	4	12	6	1	1
	17	250	1012·3	-	61·2	4·7	13·4	73	6·1	0	2	15	14	0	0	0	0	0	0	0	0	1	14	16	0	13	14	4	1	1	0	3	12	8	0	2
1. SCOTLAND, E.																																				
Aberdeen. Aberdeen H	7	85	1012·8	+1·4	56·8	2·8	13·0	83	7·5	1	4	2	16	8	0	0	0	0	0	2	8	6	15	0	0	2	23	6	2	0	0	1	6	5	3	8
	13	85	1013·1	+1·5	62·1	5·2	13·6	71	6·8	0	8	2	19	2	0	0	0	0	0	0	3	11	17	0	0	7	24	0	3	0	2	9	11	1	2	3
	18	85	1012·8	+1·4	60·3	4·3	13·5	73	7·8	0	4	2	17	8	0	0	0	0	0	0	7	13	11	0	0	5	25	1	4	2	5	3	8	6	1	1
	21	85	1013·2	+1·3	57·5	2·9	13·4	83	7·8	1	4	0	15	11	0	0	0	0	0	1	9	17	4	0	0	1	24	6	3	2	1	2	4	6	1	6
	h.*	85	1012·9	+1·4	58·5	3·6	13·4	79																												
Aberdeen. Braemar‡	9	1108	1012·4	-	57·4	4·5	11·5	72	7·3	3	3	3	6	16	0	0	0	0	0	0	4	22	5	0	0	1	25	5	0	0	2	0	2	17	4	1
Perth. Crieff	9	482	1013·3	-	59·3	4·0	13·0	77	7·7	0	4	4	18	7	-	-	-	-	-	-	-	-	-	-	0	14	17	0	0	0	2	1	5	3	18	2
	21	482	1012·9	-	57·1	2·9	13·0	82	8·3	2	2	1	7	19	-	-	-	-	-	-	-	-	-	-	0	3	28	0	0	0	3	1	6	2	19	0
Fife. Inchkeith	1	184	1014·1	-	56·0	1·6	13·7	90	6·9	0	4	9	10	8	0	0	1	0	1	0	1	8	20	0	0	1	30	0	1	3	1	3	1	18	2	2
	7	184	1013·8	-	55·8	1·5	13·8	91	8·5	0	2	2	18	9	0	0	1	1	2	0	4	0	13	0	0	3	28	0	2	2	4	0	0	21	1	1
	13	184	1013·6	-	61·7	4·2	14·5	76	7·9	0	2	2	20	7	0	0	0	1	1	0	2	7	20	0	0	4	27	0	1	4	3	1	0	20	2	0
	18	184	1013·6	-	60·5	3·3	14·8	81	8·5	0	3	0	19	9	0	0	0	0	0	0	4	4	23	0	0	4	27	0	1	2	6	2	0	15	4	1
Fife. Leuchars H	7	36	1013·4	-	55·9	1·7	13·7	89	7·7	0	4	3	18	6	0	0	1	0	1	0	5	9	15	0	0	3	24	4	0	2	2	0	1	9	11	2
	13	36	1013·4	-	65·0	6·5	14·0	66	7·6	0	5	1	22	3	0	0	0	0	0	0	2	7	20	2	0	4	27	0	0	0	11	3	2	8	6	1
	18	36	1013·0	-	63·2	5·4	14·1	71	8·0	0	3	2	23	3	0	0	0	0	0	0	2	7	21	1	0	4	26	1	0	3	4	3	2	10	7	1
Mid Lothian. Edinburgh .. (Blackford Hill)	9	441	1014·0	-	59·9	4·5	13·0	73	6·8	1	7	6	7	10	0	1	0	0	1	4	22	3	0	0	0	3	24	4	1	2	2	1	1	9	8	3
	21	441	1013·8	-	57·4	3·1	12·8	81	7·3	2	4	3	12	10	0	1	0	1	4	0	20	5	0	0	0	3	20	8	1	1	0	1	4	3	13	0
6a. SCOTLAND, W.																																				
Argyll. Tiree	7	40	1012·4	-	56·9	1·7	14·2	89	8·1	0	2	4	21	4	0	0	1	0	0	0	4	14	10	2	0	12	19	0	5	0	0	2	6	6	4	8
	13	40	1013·2	-	60·1	2·8	14·7	83	7·4	0	3	5	17	6	0	0	0	0	0	1	6	10	9	5	0	14	17	0	3	0	0	3	5	7	6	7
	18	40	1013·3	-	58·3	2·4	14·0	85	7·6	0	3	4	20	4	0	0	0	0	0	3	1	12	7	8	0	13	17	1	3	0	0	4	3	8	5	7
Bute. Rothesay	9	187	1013·5	-	58·9	(2·8)	(14·2)	(83)	7·6	0	1	7	16	7	0	1	0	1	0	1	10	5	13	0	0	11	17	3	2	0	6	0	5	2	7	6
	21	187	1013·7	-	56·8	(2·1)	(13·8)	(87)	6·9	0	4	6	17	4	0	0	1	0	0	0	3	17	10	0	1	10	14	6	1	0	0	0	4	4	5	11
Renfrew. Renfrew .. .. (Abbotsinch)	7	24	1013·6	-	55·8	1·6	13·7	90	8·3	0	3	2	14	12	0	0	0	0	4	5	9	1	7	5	0	3	21	7	0	0	4	1	1	10	8	0
	13	24	1013·5	-	64·2	5·8	14·0	69	8·5	0	1	2	19	9	0	0	0	0	0	1	5	4	12	9	0	8	22	1	2	1	1	0	2	12	11	1
	18	24	1013·4	-	62·2	4·9	13·7	73	7·6	0	2	6	18	5	0	0	0	0	0	0	1	2	18	10	0	5	25	1	0	1	0	0	5	10	11	3
Dumfries. Eskdalemuir‡‡ H	7	778	1014·3		54·0	1·7	12·7	89	7·7	0	6	1	12	12	0	0	1	1	1	2	6	14	6	0	0	4	20	7	3	2	0	0	4	10	3	2
	13	778	1013·8	-	62·4	5·2	13·8	72	8·4	0	0	3	21	7	0	0	0	0	0	0	2	12	17	0	0	11	20	0	1	3	2	1	3	13	6	2
	18	778	1013·7	-	59·7	3·4	14·0	80	7·7	0	2	7	15	7	0	0	0	0	0	0	8	7	15	1	0	3	28	0	2	3	1	1	6	11	6	1
	21	778	1014·4	-	54·3	1·4	13·1	91	7·2	1	7	2	8	13	0	2	0	0	1	1	10	5	12	0	0	2	23	6	4	1	0	0	6	8	3	3
	h.*	778	1014·1	-	56·3	2·5	13·1	84																												
6b. ISLE OF MAN.																																				
Isle of Man. Douglas .. H	9	286	1015·5	+2·1	58·9	2·9	13·9	81	7·2	0	3	5	19	4	0	0	1	-	0	0	1	4	23	0	0	10	21	0	2	0	1	2	2	9	8	7
Point of Ayre	7	31	1014·7	-	58·4	2·3	14·1	85	7·6	0	3	5	14	9	0	0	0	0	0	1	1	7	22	0	0	17	13	1	5	0	0	0	3	4	8	10
	13	31	1015·1	-	65·7	6·2	14·8	68	7·0	0	3	8	18	2	0	0	0	0	0	0	1	6	24	0	0	13	17	1	4	0	1	0	2	3	8	12
	18	31	1014·6	-	63·0	4·9	14·3	73	6·9	0	5	9	8	9	0	0	0	0	0	0	0	3	28	0	0	12	18	1	3	2	1	0	1	7	9	7
2. ENGLAND, N.E.																																				
Northumberland. Cockle Park ..	9	331	1014·3	-	60·5	3·4	14·6	80	7·5	0	3	8	7	13	0	0	0	0	0	0	4	7	15	5	0	1	27	3	1	2	0	2	1	2	7	13
	21	331	1014·3	-	56·0	2·3	13·1	85	6·6	2	6	6	4	13	0	0	2	0	1	0	5	6	14	3	0	0	29	2	1	3	0	2	0	1	3	19
Northumberland. Tynemouth ..	1	122	1014·5	-	58·4	3·2	13·2	80	6·1	2	6	8	8	7	0	0	0	0	0	1	7	19	4	0	0	1	29	1	4	0	0	0	2	2	21	1
	7	122	1014·3	+1·8	57·0	2·4	13·5	85	6·8	0	5	8	12	6	0	0	1	0	5	2	10	10	3	0	0	1	28	2	5	1	0	0	2	4	15	2
	13	122	1014·1	-	63·5	5·2	13·9	71	7·0	0	1	18	10	4	0	0	0	0	1	1	8	10	11	0	0	3	28	0	6	3	2	4	4	2	9	1
	18	122	1013·9	-	62·4	4·4	14·3	75	6·7	0	4	13	12	2	0	0	0	0	0	1	8	12	10	0	0	2	28	1	5	2	1	4	6	0	9	3

* Mean of hourly readings.

† Pressure at Station level.

‡ Mean pressure at Station Level is 972·6 mb.

‡‡ Mean pressures at Station Level are 986·0 mb. at 7 h., 986·0 mb. at 13 h., 985·8 mb. at 18 h., and 986·2 mb. at 21 h.

‖ Observations taken at 17h., instead of 18h. G.M.T., on Sundays during Summer Time.

TABLE IV (*continued*).—SUMMARY of the OBSERVATIONS of PRESSURE, TEMPERATURE, HUMIDITY, CLOUD, VISIBILITY and WIND at fixed hours at certain Stations during the month of AUGUST, 1935

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.	4 to 7	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.—*cont.*																																			
Durham.	Durham ..	..	9	352	1014·8	-	62·5	5·0	14·2	73	6·9	3	2	8	7	11	0	0	0	0	2	4	7	14	*4*	*0*	0	3	20	8	2	0	0	2	2	8	5	4
			21	352	1015·0	-	58·6	3·2	13·8	81	6·3	3	6	3	10	9	0	0	0	0	3	2	3	21	*2*	*0*	0	2	18	11	1	0	1	0	3	6	8	1
Yorks., N. Riding	Catterick ..	H	7	186	1014·9	-	58·4	2·4	13·3	85	5·7	2	8	6	10	5	0	0	0	0	1	2	*6*	8	*13*	*1*	0	1	28	2	5	1	0	0	10	2	7	4
			13	186	1014·4	-	58·3	8·6	13·8	59	7·3	0	4	4	19	4	0	0	0	0	0	2	*3*	7	*19*	*0*	0	7	24	0	1	4	2	0	4	6	11	3
			18	186	1014·2	-	65·2	7·1	13·6	64	5·9	2	9	5	11	4	0	0	0	0	0	1	*7*	4	*16*	*3*	0	3	27	1	2	4	0	1	3	0	15	5
Yorks., N. Riding.	Scarborough	..	9	96	1014·5	-	65·0	5·8	14·6	69	4·0	0	18	8	5	0	0	0	0	0	1	0	7	13	*10*	*0*	0	4	27	0	2	0	0	2	2	4	6	15
	York	.. ..	9	53	1015·6	-	53·1	5·2	14·0	71	5·5	5	6	7	5	8	-	-	-	-	-	-	-	-	-	-	0	0	28	3	8	0	1	0	6	5	6	2
			21	53	1015·5	-	61·5	4·0	14·1	77	5·4	7	4	6	5	9	-	-	-	-	-	-	-	-	-	-	0	0	29	2	5	1	2	0	10	0	5	6
Yorks., E. Riding.	Spurn Head	..	1	28	1015·1	-	59·9	1·5	16·1	91	5·2	3	12	4	10	2	*0*	*0*	0	0	0	*0*	*3*	18	10	*0*	0	10	20	1	1	3	2	0	6	5	7	6
			7	28	1015·1	+1·7	59·7	1·7	15·9	89	6·6	0	2	13	15	1	*0*	*0*	0	3	0	*7*	*9*	7	5	*0*	0	6	25	0	1	1	3	1	2	4	5	14
			13	28	1014·9	-	67·1	5·0	16·8	75	6·1	0	4	12	12	3	*0*	*0*	0	0	0	*1*	*5*	16	9	*0*	0	14	17	0	3	2	6	10	1	4	2	3
			18	28	1014·1	-	63·4	2·7	16·7	85	6·5	0	5	10	13	3	*0*	*0*	0	0	0	*1*	*5*	17	8	*0*	0	13	18	0	1	1	6	11	5	1	4	2
Lincoln.	Cranwell ..	H	7	243	1015·9	-	57·1	2·2	13·9	86	6·4	4	4	2	16	5	0	0	2	2	*1*	5	16	3	2	*0*	0	2	26	3	2	0	1	2	0	7	13	3
			13	243	1015·3	-	71·2	11·2	12·9	51	7·1	0	4	5	18	4	0	0	0	0	*0*	0	8	12	10	*1*	0	5	25	1	3	3	2	0	5	7	9	1
			18	243	1014·7	-	59·2	9·3	13·7	57	6·4	0	9	3	14	5	0	0	0	0	*0*	0	8	8	12	*3*	0	4	27	0	1	3	4	3	4	4	8	4
3. ENGLAND, E.																																			
Norfolk.	Cromer ..	H	9	74	1015·1	-	64·7	4·9	15·6	75	5·6	4	4	11	7	5	0	0	0	0	0	0	*1*	*10*	*20*	*0*	0	1	30	0	6	2	1	0	11	2	7	2
			1	26	1015·7	-	60·2	2·8	14·7	83	4·1	12	3	6	4	6	0	0	0	0	*0*	0	*11*	*19*	1	*0*	0	1	24	6	1	2	0	1	6	8	4	3
Norfolk.	Yarmouth..	..	7	26	1015·5	+1·3	58·4	2·2	14·2	86	6·2	2	4	11	8	6	0	0	0	0	*1*	1	*21*	*8*	0	*0*	0	1	29	1	2	0	1	3	4	6	8	6
			13	26	1015·6	-	67·3	5·9	15·7	70	6·4	3	7	2	14	5	0	0	0	0	*0*	1	*16*	*14*	0	*0*	0	10	21	0	4	3	3	12	0	3	3	3
			18	26	1015·2	-	66·2	4·7	16·5	75	5·8	3	5	11	5	7	0	0	0	0	*0*	0	*18*	*13*	0	*0*	0	24	7	0	4	3	3	10	7	0	3	1
Suffolk.	Felixstowe Aero.		7	20	1015·8	-	61·1	3·4	15·0	81	5·6	3	8	3	16	1	0	0	0	0	0	3	20	*5*	*3*	*0*	0	3	21	7	6	1	0	1	2	7	4	3
			13	20	1015·7	-	68·8	7·9	14·6	61	5·9	1	9	6	10	5	0	0	0	0	0	2	7	*13*	*7*	*2*	0	8	23	0	2	2	3	11	5	3	3	2
			18	20	1015·2	-	65·8	5·7	15·3	71	5·2	2	11	6	7	5	0	0	0	0	0	1	8	*14*	*6*	*2*	0	9	21	1	1	6	2	9	6	3	2	1
Cambridge.	Cambridge	H	9	43	1015·3	+1·0	66·6	5·3	16·4	74	5·1	9	5	2	5	10	-	-	-	-	-	-	-	-	-	-	0	4	27	0	2	4	1	0	4	7	4	9
			21	43	1015·3	+0·4	62·5	3·6	15·7	81	3·9	13	3	4	6	5	-	-	-	-	-	-	-	-	-	-	0	0	23	8	3	1	0	2	4	4	4	5
Hertford.	Rothamsted	..	9	396	1015·7	-	63·8	5·2	14·6	72	5·2	5	7	4	11	4	0	0	0	*0*	0	*7*	*24*	*0*	*0*	*0*	0	1	10	20	2	1	0	0	1	3	1	3
Essex.	Shoeburyness	H	7	14	1016·1	-	61·6	2·5	16·2	86	5·1	6	7	3	12	3	0	0	0	1	0	8	10	6	6	0	0	4	23	4	4	1	0	2	4	4	7	5
			13	14	1015·9	-	70·9	7·0	17·4	67	5·7	1	9	3	17	1	0	0	0	0	0	0	8	8	15	0	0	3	28	0	3	1	5	6	8	7	1	0
			18	14	1015·3	-	67·4	4·8	17·4	76	5·9	1	8	7	11	4	0	0	0	0	0	0	10	10	10	1	0	3	27	1	1	3	3	6	8	4	3	2
4. MIDLAND COUNTIES.																																			
Yorks., W. Riding.	Harrogate	..	9	478	1015·4	-	62·1	5·0	13·6	72	6·0	2	10	4	6	9	0	0	*0*	*1*	0	5	5	*9*	7	4	0	1	28	2	3	0	2	0	3	12	6	3
Nottingham.	Nottingham	..	9	215	1015·2	-	64·2	5·1	14·7	73	5·1	2	9	8	7	5	0	0	0	0	4	4	21	2	*0*	*0*	0	1	30	0	2	3	2	1	0	10	9	4
Warwick.	Birmingham	H	7	542	1016·2	-	57·5	3·0	13·3	82	5·4	4	10	1	12	4	0	0	0	1	2	9	6	5	*8*	*0*	0	1	30	0	5	4	0	1	3	7	5	6
			13	542	1015·5	-	68·3	9·6	12·9	55	6·2	2	6	7	13	3	0	0	0	0	0	0	7	3	*21*	*0*	0	4	27	0	5	0	1	1	4	10	5	5
			18	542	1014·9	-	67·9	9·5	12·7	55	6·5	0	6	8	13	4	0	0	0	0	0	1	5	1	*24*	*0*	0	5	28	0	6	2	1	0	2	8	6	6
Oxford.	Oxford ..	..	9	212	1016·5	+1·1	64·4	5·7	14·7	69	5·2	4	10	2	9	6	0	0	*0*	0	1	1	8	5	15	*1*	0	3	27	1	5	2	2	2	4	6	6	3
Shropshire.	Shrewsbury	H	9	186	1015·9	-	62·1	4·4	14·5	76	6·3	2	4	11	5	9	0	0	0	0	0	1	2	1	27	*0*	0	7	18	6	6	0	1	0	3	3	11	1
Hereford.	Ross-on-Wye	H	7	226	1016·0	-	56·7	2·4	13·5	85	6·0	3	8	2	10	8	*0*	*0*	0	1	2	3	9	6	10	*0*	0	0	29	2	6	3	1	1	1	8	6	3
			13	226	1015·3	-	68·9	8·9	13·9	59	8·3	0	9	5	11	6	*0*	*0*	0	0	1	0	10	10	8	*2*	0	2	29	0	5	2	3	0	2	8	8	3
			18	226	1014·7	-	68·3	8·4	14·1	61	8·6	0	7	6	12	6	*0*	*0*	0	0	0	1	7	7	15	*1*	0	1	30	0	4	3	1	2	1	6	10	4
			21	226	1015·7	-	61·6	4·3	14·3	76	5·3	0	14	4	7	6	*0*	*0*	0	0	1	2	7	5	15	*1*	0	1	29	1	5	4	1	1	1	8	8	2
Gloucester.	Cheltenham	H	9	230	1016·4	-	64·1	5·3	14·4	72	5·4	5	7	6	7	6	0	*0*	0	1	2	9	1	7	*11*	0	0	0	22	9	1	0	0	0	1	5	12	3
			21	230	1016·0	-	63·0	4·2	15·0	77	6·5	1	4	10	11	5	0	*0*	0	1	1	4	7	8	*10*	0	0	0	27	4	1	0	0	0	1	6	16	3
5. ENGLAND, S.E.																																			
London.	*g*Greenwich	H	9	152	1016·3	+0·8	66·4	6·7	14·7	67	5·5	6	6	2	13	4	0	0	0	0	3	7	12	8	1	*0*	0	4	27	0	4	2	3	0	4	9	7	2
			15	152	1015·3	+0·5	73·1	11·0	14·4	53	7·4	1	5	1	17	7	0	0	0	0	0	0	6	14	11	*0*	0	5	26	0	4	4	1	2	4	8	5	3
			21	152	1016·0	+0·6	62·0	4·3	14·5	76	4·3	7	8	2	6	8	0	0	0	0	0	0	8	11	12	*0*	0	1	30	0	0	2	1	4	6	15	3	0
			h.*	152	1015·8	+0·5	64·0																														
London.	Kew Observatory	H	7	34	1016·4	+0·9	59·3	2·9	14·5	83	5·6	7	5	2	11	6	0	2	0	0	1	6	16	3	3	*0*	0	1	23	7	1	3	2	0	1	9	7	1
			13	34	1015·9	+0·8	70·2	9·6	14·3	59	7·5	1	2	4	18	6	0	0	0	0	1	1	3	13	13	*0*	0	3	28	0	5	5	1	0	4	9	4	3
			18	34	1015·1	+0·4	70·1	9·2	14·5	58	8·2	4	5	3	16	3	0	0	0	0	0	0	1	13	17	*0*	0	3	27	1	3	1	4	1	4	10	4	3
			21	34	1016·0	+0·6	63·8	5·1	14·8	73	5·0	6	8	3	10	4	0	0	0	0	0	1	5	14	11	*0*	0	2	28	1	0	2	3	2	5	13	4	1
			h.*	34	1015·9	+0·6	64·1	5·8	14·3	71																											
London.	Kensington	..	9	66	1016·0	-	65·2	5·9	14·5	69	5·4	6	5	3	11	6	0	0	0	0	4	*3*	17	5	*2*	*0*	0	0	31	0	3	5	0	2	1	7	8	5
			15	—	-	-	72·1	10·8	13·6	51	8·3	1	5	7	14	4	-	-	-	-	-	-	-	-	-	-	0	1	30	0	11	4	1	2	0	7	8	
			18	—	-	-	70·8	9·9	14·0	54	5·9	1	8	8	7	7	-	-	-	-	-	-	-	-	-	-	0	1	30	0	3	3	1	3	3	8	6	4
London.	Stroud Green	..	7	237																															
Surrey.	Croydon	H	1	225	1016·0	-	57·7	2·7	13·7	84	3·7	10	8	4	7	2	0	0	0	0	0	0	1	12	*18*	*0*	0	2	20	9	1	0	0	1	5	9	5	1
			7	225	1016·0	-	58·8	2·4	14·2	83	5·6	10	8	4	7	2	0	0	0	0	0	0	1	12	*18*	*0*	0	1	18	12	0	2	1	1	3	5	6	1
			13	225	1015·5	-	70·3	9·5	14·2	57	7·2	0	4	6	18	3	0	0	0	0	1	1	3	5	*20*	*1*	0	4	25	2	1	2	3	1	1	7	7	7
			18	225	1014·8	-	68·9	8·8	13·9	59	8·1	1	6	6	15	3	0	0	0	0	0	1	0	9	*17*	*4*	0	2	25	4	2	1	3	1	4	9	5	2
Surrey.	Wisley ..	..	9	85	1016·4	-	64·7	5·1	15·4	73	5·7	3	8	3	10	7	0	0	0	0	2	2	10	17	*0*	*0*	0	1	25	5	2	1	3	0	3	4	9	4

* Mean of hourly readings. *g* Temperature from thermometers on a Glaisher stand.

TABLE IV (*continued*).—SUMMARY of the OBSERVATIONS of PRESSURE, TEMPERATURE, HUMIDITY, CLOUD, VISIBILITY and WIND at fixed hours at certain Stations during the month of AUGUST, 1935

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.	4 to 7	1 to 3	Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
5. ENGLAND, S.E.—*cont.*																																				
Kent.	Biggin Hill	H	7	572	1016·8	–	58·8	3·1	13·9	82	5·9	4	5	5	13	4	0	1	0	0	1	0	3	*20*	6	*0*	0	0	22	9	3	2	2	1	5	5	3	1
			13	572	1016·0	–	68·5	9·3	13·2	56	6·8	2	2	6	19	2	0	0	0	0	1	1	3	*8*	18	*0*	0	5	26	0	5	2	1	2	6	6	7	2
			18	572	1015·6	–	66·1	8·0	13·1	61	5·5	2	8	6	10	5	0	0	0	0	0	0	2	*11*	18	*0*	0	1	27	3	1	3	4	2	7	7	3	1
Kent.	Dungeness ..		7	—	–	–	59·8	2·0	15·6	88	4·9	3	6	12	10	0	*1*	*0*	0	0	0	5	11	*14*	*0*	0	0	4	24	3	4	3	2	2	1	4	4	8
			13	—	–	–	67·9	4·6	17·8	77	4·4	4	6	14	7	0	*0*	*0*	1	0	0	5	7	*18*	*0*	0	0	6	25	0	0	5	2	1	9	11	2	1
			18	—	–	–	65·5	3·4	17·2	81	4·9	1	7	17	6	0	*0*	*0*	0	0	1	3	9	*18*	*0*	0	0	7	23	1	1	6	3	0	2	13	5	0
Kent.	Lympne ..	H	1	345	1016·7	–	57·4	2·7	13·6	84	3·4	11	9	2	3	6	0	0	0	0	0	4	*4*	10	13	*0*	0	2	28	1	4	5	2	2	0	5	5	7
			7	345	1016·5	–	59·0	3·0	14·1	83	6·1	4	7	2	10	8	0	1	2	*1*	0	1	*12*	7	7	*0*	0	2	25	4	7	4	2	2	1	2	2	7
			13	345	1016·4	–	67·7	7·5	14·6	64	6·0	1	9	6	8	7	0	0	1	*0*	0	1	*3*	11	13	*2*	0	4	27	0	2	2	2	6	5	10	3	1
			18	345	1015·9	–	64·9	5·6	14·9	71	4·9	4	9	5	11	2	0	1	0	0	*0*	0	*5*	8	15	*2*	0	6	25	0	1	5	4	3	2	10	5	1
Kent.	Manston		7	141	1016·0	–	60·7	3·3	14·8	81	5·8	5	4	3	16	3	0	0	0	1	0	2	9	*12*	*7*	*0*	0	3	27	1	3	3	0	4	1	11	4	4
			13	141	1015·9	–	69·3	8·8	14·2	58	5·8	2	6	7	11	5	0	0	0	0	0	0	4	*13*	*12*	*2*	0	7	24	0	2	5	3	6	4	5	2	4
			18	141	1015·4	–	66·2	6·7	14·5	67	5·1	2	9	6	12	2	0	0	0	0	0	0	3	*11*	*16*	*1*	0	7	24	0	4	4	1	7	4	7	1	3
Kent.	Tunbridge Wells ..		9	407	1016·8	–	64·2	4·4	15·5	76	5·2	6	5	6	9	5	0	0	*0*	0	1	1	7	12	10	*0*	0	3	28	0	2	4	0	4	1	6	4	10
Sussex.	Brighton ..	H	9	48	1017·0	–	64·6	4·6	15·6	74	5·1	6	8	2	8	7	0	0	0	0	0	1	10	7	13	*0*	0	3	27	1	2	4	2	3	5	5	6	3
Sussex.	Hastings ‡	H	9	174	1016·3	–	65·0	5·1	15·8	75	4·6	8	6	6	8	3	0	0	0	0	2	2	19	*2*	*6*	*0*	0	7	23	1	3	5	0	7	0	10	2	3
			21	174	1015·9	–	61·6	3·4	15·2	81	4·2	12	4	3	6	6	0	0	0	0	0	6	16	*3*	*6*	*0*	1	6	18	6	0	6	0	2	0	10	4	3
Hampshire.	Calshot		7	15	1016·3	–	59·0	1·8	15·2	89	5·9	4	4	6	13	4	0	1	0	0	0	2	13	8	7	*0*	0	5	18	*8*	4	2	1	1	1	3	4	7
			13	15	1016·3	–	68·4	6·0	16·1	68	6·2	0	6	5	13	5	0	0	0	0	0	1	4	7	19	*0*	0	8	20	*3*	3	1	2	6	7	6	3	0
			18	15	1015·6	–	66·7	6·0	15·6	69	5·5	2	9	6	10	4	0	0	0	0	0	1	3	6	21	*0*	0	7	23	*1*	2	0	2	0	2	20	2	2
Hampshire.	Southampton		21	84	1016·6	+0·7	61·1	3·4	14·7	81	5·5	6	7	3	7	8	0	0	0	1	5	*22*	3	0	*0*	*0*	0	0	26	5	3	3	0	3	0	2	4	11
			9	84	1016·7	+0·9	62·9	5·5	13·7	70	4·7	7	8	3	6	7	0	0	0	0	0	*5*	22	4	*0*	*0*	0	0	29	2	1	2	0	1	0	13	7	5
Hampshire.	S. Farnborough	H	7	256	1016·3	–	56·6	1·8	14·0	89	6·0	4	5	6	11	5	0	1	2	0	1	3	13	10	*1*	*0*	0	3	18	10	1	0	1	2	4	2	8	3
			13	256	1015·6	–	71·3	10·4	13·9	55	7·2	0	3	8	14	6	0	0	0	0	1	1	4	16	*9*	*0*	0	6	23	2	1	2	3	1	5	7	7	3
			18	256	1015·0	–	68·9	8·7	14·1	60	6·0	1	8	6	12	4	0	0	0	0	0	0	7	13	*11*	*0*	0	2	27	2	1	2	1	2	5	9	7	2
I. of Wight.	Ventnor (Hosp.) ..		9	80	1016·3	–	65·1	4·9	15·6	74	6·1	4	5	6	9	7	–	–	–	–	–	–	–	–	–	–	0	5	26	0	2	3	2	3	2	6	13	0
			15	80	1015·9	–	67·8	6·5	15·8	68	4·6	5	9	6	7	4	–	–	–	–	–	–	–	–	–	–	0	4	27	0	3	1	1	4	3	7	10	2
Wilts.	Amesbury H		7	418	1016·3	–	55·1	0·9	14·0	94	6·3	5	2	5	14	5	0	2	1	2	0	3	15	6	*2*	*0*	0	1	14	16	5	0	2	1	1	2	2	2
	(Boscombe Down)		13	418	1015·7	–	68·9	8·5	14·4	60	7·1	0	6	3	17	5	0	0	0	0	0	1	2	14	*14*	*0*	0	5	22	4	6	1	0	0	4	5	7	4
			18	418	1015·1	–	66·9	7·1	14·6	65	6·6	0	9	5	11	6	0	0	0	0	0	1	3	15	*12*	*0*	0	5	24	2	4	1	0	2	6	8	4	4
Wilts.	Larkhill .. H		9	444	1016·2	–	62·9	4·9	14·4	74	6·3	2	6	5	11	7	0	0	0	0	0	0	3	10	18	*0*	0	4	23	4	1	4	2	2	1	6	7	4
			13	444	1015·7	–	68·8	9·3	13·3	57	6·7	0	5	7	12	7	0	0	0	0	0	0	1	4	26	*0*	0	4	22	5	2	2	0	0	3	6	6	7
			15	444	1015·3	–	69·4	9·7	13·3	55	6·8	0	5	5	17	4	0	0	0	0	0	0	2	5	24	*0*	0	5	23	3	5	3	0	1	3	7	6	3
7a. ENGLAND, N.W.																																				
Lancashire.	Hutton		9	86	–	–	62·5	4·1	15·2	77	5·6	1	8	10	8	4	–	–	–	–	–	–	–	–	–	–	0	0	25	6	2	1	1	3	7	2	7	2
Lancashire.	Manchester H		7	83	1015·7	–	55·7	1·7	13·6	90	7·5	1	3	5	12	10	0	2	2	1	8	*8*	6	3	1	0	0	1	20	10	1	1	1	4	5	4	2	3
	(Barton)		13	83	1015·5	–	69·3	9·3	13·7	57	6·0	0	8	9	8	6	0	0	1	0	0	*0*	4	14	12	0	0	7	24	0	1	2	1	0	1	8	8	10
			18	83	1014·9	–	65·7	6·8	14·1	65	6·1	0	9	4	13	5	0	0	0	0	1	*1*	*2*	7	20	0	0	5	25	1	2	1	3	0	3	0	5	16
Lancashire.	Manchester		9	127	1015·8	–	59·9	2·8	14·7	83	7·0	0	3	7	21	0	–	–	–	–	–	–	–	–	–	–	0	0	31	0	0	4	1	0	7	9	6	4
	(Whitworth Pk.)		21	127	1016·0	–	62·8	3·7	15·6	79	6·6	0	4	10	16	1	–	–	–	–	–	–	–	–	–	–	0	0	31	0	4	0	3	0	2	3	8	11
Lancashire.	Southport * H		9	34	1015·6	+1·4	63·4	5·4	14·3	71	7·5	2	2	6	9	12	0	0	0	0	0	6	5	5	15	*0*	0	10	20	1	3	1	0	3	5	3	8	7
			13	34	1015·6	+1·3	66·5	7·0	14·6	65	6·1	0	9	5	12	5	0	0	0	0	0	2	1	6	22	*0*	0	17	14	0	2	0	0	0	0	2	15	12
	(Bedford Rd. Park)		18	34	1015·3	+1·6	63·8	5·3	14·6	72	6·2	0	9	5	9	8	0	0	0	0	1	4	1	2	22	*1*	0	10	21	0	1	2	0	0	2	2	10	14
			21	34	1015·6	+1·4	60·1	3·0	14·7	82	6·4	1	9	2	9	10	0	0	0	0	0	6	5	8	12	*0*	0	4	25	2	3	2	1	0	3	3	9	8
Lancashire.	Stonyhurst ..		9	381	1015·9	–	61·4	4·5	13·6	74	6·7	2	3	7	12	7	0	0	0	1	0	2	18	*6*	*4*	*0*	0	3	25	3	2	2	2	0	1	12	6	3
			21	381	1015·8	–	57·9	2·5	13·9	85	5·0	3	12	2	5	9	0	0	0	0	0	1	7	*12*	*11*	*0*	0	1	23	7	0	3	0	0	1	3	13	4
Cheshire.	Bidston Obs'y. ..		9	202	1015·9	–	61·7	4·3	14·4	75	6·9	1	5	2	21	2	*0*	0	0	0	0	3	5	*8*	11	4	0	9	15	7	0	0	0	4	2	3	6	9
			21	202	1015·8	–	59·6	3·2	14·3	81	5·7	1	9	8	8	5	*0*	0	0	1	1	0	2	*2*	20	5	0	2	22	7	1	1	2	0	2	6	4	8
7b. NORTH WALES.																																				
Flint.	Sealand .. H		7	19	1015·8	–	56·1	2·1	13·5	87	6·4	0	9	4	12	6	0	1	1	1	3	5	16	*2*	*2*	*0*	0	1	28	2	0	0	3	13	0	3	8	2
			13	19	1015·6	–	67·1	7·3	14·5	64	5·9	0	9	8	11	3	0	0	0	0	1	0	8	*9*	*12*	*1*	0	12	19	0	0	0	0	5	1	5	5	15
			18	19	1015·3	–	63·9	5·4	14·5	71	6·4	0	7	9	11	4	0	0	0	0	1	2	7	*7*	*12*	*2*	0	5	26	0	1	1	1	2	1	4	8	13
Anglesey.	Holyhead .. H		1	29	1015·4	–	57·5	1·8	14·4	89	5·7	2	12	1	7	9	0	0	2	0	1	1	4	11	12	0	0	12	17	2	7	0	1	2	9	6	1	3
			7	29	1015·3	+1·6	57·9	2·3	14·1	86	7·8	0	3	3	18	7	0	0	0	0	1	1	2	1	9	14	3	0	12	17	2	5	1	0	2	5	8	5	3
			13	29	1015·7	–	62·4	4·5	14·4	75	6·9	0	6	7	12	6	0	0	0	0	1	0	4	5	19	2	0	15	16	0	4	0	0	0	0	9	8	5	5
			18	29	1015·1	–	60·1	3·1	14·6	82	6·9	0	8	3	12	8	0	0	1	0	0	0	3	4	19	4	0	9	20	2	4	0	0	0	10	10	1	4
Carnarvon.	Llandudno ..		9	33	1015·9	–	62·1	4·1	14·6	77	7·0	2	3	3	22	1	0	0	0	0	0	0	1	2	*24*	*4*	0	3	28	0	2	0	3	1	3	5	16	1
8a. SOUTH WALES.																																				
Pembroke.	St. Ann's Head ..		1	152	1015·7	–	57·7	1·6	14·8	90	5·5	4	10	2	7	8	0	2	0	0	0	*0*	2	15	12	*0*	0	3	26	2	6	4	1	1	1	6	5	5
			7	152	1015·6	+1·2	57·9	2·0	14·4	88	7·7	0	3	6	17	5	0	1	1	0	0	*2*	2	15	9	*1*	0	1	26	4	7	3	1	1	3	4	4	4
			13	152	1015·8	–	61·8	3·5	15·2	81	7·3	0	4	8	14	5	0	1	0	0	1	*0*	1	11	15	*2*	0	8	23	0	4	3	0	0	1	8	8	7
			18	152	1015·4	–	61·1	3·6	14·5	79	6·9	0	3	11	16	1	0	0	0	0	0	*0*	1	11	18	*1*	0	6	25	0	5	2	0	0	2	6	8	8

‡ New site from August 1st, 1935.

* Visibility at Hesketh Park; 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 month of AUGUST, 1935

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.	4 to 7	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										
8a. SOUTH WALES—*cont.*	G.M.T.	ft.	mb.	mb.	°F.	°F.	mb.	%																										
Radnor. Rhayader	9	—	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Glamorgan. Cardiff	9	216	1016·1	–	64·2	5·5	14·3	71	6·1	5	3	5	10	8	0	0	0	0	1	7	11	*5*	*7*	*0*	0	3	28	0	0	8	1	3	0	7	10	2
	21	216	1016·0	–	61·1	3·1	15·0	82	4·0	10	6	4	0	11	0	0	0	0	1	6	21	*3*	*0*	*0*	0	0	31	0	1	4	0	0	3	14	7	2
8b. ENGLAND, S.W.																																		
Somerset. Bath	9	113	1016·1	–	64·3	5·0	14·8	73	6·0	3	8	3	7	10	0	0	0	0	1	4	*14*	*6*	*6*	*0*	0	2	25	4	3	4	1	1	1	3	11	3
Dorset. Holton Heath H	9	58	1016·6	–	64·8	5·4	15·0	72	6·1	5	4	5	10	7	0	0	0	0	1	2	7	16	*4*	*1*	0	3	18	10	4	3	1	0	2	5	2	4
	15	58	1015·9	–	69·2	8·6	14·4	59	5·4	1	8	12	5	5	0	0	0	1	1	0	1	17	*11*	*0*	0	5	24	2	1	1	0	3	6	14	2	2
Dorset. Portland Bill ..	1	37	1015·9	–	60·7	2·3	15·8	87	5·4	8	4	4	6	9	0	0	0	0	0	0	*2*	*13*	*16*	*0*	0	3	28	0	8	1	2	2	1	2	5	10
	7	37	1016·3	+1·3	61·4	2·5	15·6	85	7·0	4	0	5	12	10	0	0	0	0	0	0	*1*	*18*	*12*	*2*	0	5	26	0	10	5	2	1	1	1	5	6
	13	37	1016·4	–	65·1	3·6	17·0	81	5·5	4	6	8	4	9	0	0	0	0	0	0	*2*	*12*	*17*	*0*	0	4	27	0	4	0	1	1	7	4	8	6
	18	37	1015·8	–	62·9	2·6	16·8	85	6·3	5	3	5	8	10	0	0	0	0	0	0	*3*	*13*	*15*	*0*	0	5	26	0	1	1	1	1	2	11	11	3
Devon. Plymouth (Mount Batten) H	7	27	1016·5	–	57·4	1·6	14·7	90	6·2	1	8	4	15	3	0	0	0	0	0	2	11	13	5	*0*	0	4	16	11	4	4	2	1	1	2	0	6
	13	27	1016·4	–	65·5	4·9	16·1	75	6·3	0	9	4	12	6	0	0	0	0	0	2	4	8	17	*0*	0	9	22	0	5	0	0	2	11	8	3	2
	18	27	1016·0	–	64·0	4·0	16·1	78	5·7	1	9	5	12	4	0	0	0	0	0	2	1	6	20	*2*	0	13	18	0	2	0	1	1	9	8	3	7
Cornwall. The Lizard ..	1	240	1016·9	–	57·1	1·3	14·6	91	3·5	11	8	4	5	3	0	0	0	0	0	0	*2*	*19*	*0*	0	0	8	19	4	6	3	0	1	2	3	4	8
	7	240	1016·6	–	58·1	1·1	15·3	93	7·0	1	5	5	13	7	0	0	0	0	0	1	0	*3*	*27*	0	0	7	23	1	9	1	1	2	2	6	2	7
	13	240	1017·0	–	66·3	5·3	15·7	73	6·1	0	8	9	6	8	0	0	0	0	0	2	0	*7*	*22*	0	0	6	22	3	5	0	1	3	2	4	10	3
	18	240	1016·6	–	63·4	3·7	15·6	79	5·4	1	11	7	7	5	0	1	0	0	1	1	1	*3*	*24*	0	0	12	15	4	8	0	1	0	1	4	7	6
Cornwall. Newquay ..	9	161	1016·9	–	62·2	3·7	15·0	79	7·2	1	5	3	13	9	0	0	1	0	0	4	2	*5*	10	*9*	0	2	29	0	6	5	1	1	4	8	3	3
9. IRELAND, N.																																		
Sligo. Markree Castle ..	9	127	1015·6	–	58·5	2·2	14·8	87	7·9	0	1	5	12	13	0	0	0	0	0	*0*	*8*	11	12	*0*	0	0	22	9	3	0	0	0	5	2	4	8
	21	127	1015·3	–	58·0	1·9	14·5	89	7·7	0	3	6	10	12	0	0	0	0	0	*0*	*3*	7	21	*0*	0	0	17	14	3	0	0	0	4	4	3	3
Mayo. Blacksod Point ..	1	28	1014·6	–	57·7	1·9	14·5	89	7·6	1	4	5	4	17	0	0	0	0	0	0	3	14	14	*0*	0	13	15	3	6	0	0	0	5	5	8	4
	7	28	1014·8	–	57·6	2·0	14·4	88	8·6	0	0	5	9	17	0	0	0	0	0	0	0	16	14	*1*	0	11	20	0	8	0	0	0	6	4	8	5
	13	28	1015·2	–	60·8	3·1	15·0	82	8·3	0	0	7	13	11	0	0	0	0	0	0	1	7	17	*6*	0	10	21	0	7	0	0	0	4	5	11	4
	18	28	1015·0	–	59·8	3·0	14·5	82	8·1	0	1	7	11	12	0	0	0	0	0	1	1	5	20	*4*	0	11	20	0	6	1	0	0	6	6	9	3
Donegal. Malin Head ..	1	87	1013·6	–	57·0	1·4	14·5	91	7·8	0	4	2	17	8	0	0	0	0	0	0	1	18	8	*4*	0	6	24	1	6	0	0	0	11	2	9	2
	7	87	1013·3	+1·9	57·3	1·1	14·8	93	8·4	0	1	3	22	5	0	0	0	0	0	0	2	17	11	*1*	0	11	20	0	8	0	0	1	9	3	10	0
	13	87	1013·7	–	61·1	2·2	16·0	87	8·0	0	3	3	23	2	0	0	0	0	0	0	0	15	15	*1*	0	13	18	0	9	0	2	0	4	3	11	2
	18	87	1013·7	–	59·5	1·8	15·2	89	8·0	0	3	3	22	4	0	0	0	0	0	2	13	12	*4*	0	7	24	0	8	2	2	0	3	2	12	2	
Antrim. Aldergrove H	7	245	1014·6	–	55·8	1·8	13·6	89	6·9	0	7	5	8	11	0	0	1	0	0	0	3	3	22	2	0	5	21	5	2	0	0	3	6	10	3	2
	13	245	1014·7	–	63·0	5·5	13·9	71	8·1	0	3	3	14	11	0	0	0	0	0	1	1	4	7	18	0	8	22	1	4	1	0	0	5	12	4	4
	18	245	1014·4	–	62·1	4·8	14·1	74	7·6	0	3	5	19	4	0	0	0	0	0	1	0	20	10	0	0	9	19	3	6	0	0	0	3	3	6	6	4
Armagh. Armagh .. H	9	209	1014·8	+1·9	60·2	3·5	14·2	79	7·1	0	5	7	9	10	*0*	*0*	0	0	0	0	*0*	*4*	*27*	*0*	0	2	26	3	3	0	0	1	6	14	2	2
	21	209	1015·0	+1·9	57·2	2·6	13·7	85	6·6	5	4	4	3	15	*0*	*0*	0	0	0	0	*5*	*15*	11	*0*	0	4	18	9	2	0	0	0	7	8	1	4
10. IRELAND, S.																																		
Dublin. Glasnevin ..	9	56	1016·0	–	61·7	2·9	14·8	77	5·9	4	0	15	6	6	0	0	*0*	*0*	*2*	*0*	*0*	*3*	*26*	*0*	0	0	29	2	1	3	1	1	0	5	11	7
	21	56	1015·9	–	59·9	2·1	15·5	87	7·0	3	0	9	9	10	0	0	*1*	*3*	*4*	*5*	*0*	*0*	*18*	*0*	0	0	28	3	0	0	3	2	0	5	13	5
Offaly. Birr Castle ..	7	193	1015·8	+2·1	54·8	0·9	13·9	95	8·4	0	3	1	19	8	0	*0*	0	2	0	*0*	*0*	*5*	*24*	*0*	0	0	30	1	1	0	0	0	11	13	2	3
	13	193	1015·7	–	65·2	6·2	14·2	67	8·5	0	0	3	21	7	0	*0*	0	0	0	*0*	*0*	*1*	*30*	*0*	0	0	31	0	0	1	0	0	4	11	4	11
	18	193	1015·3	–	64·1	4·8	15·0	74	8·5	0	1	1	24	5	0	*0*	0	0	0	*0*	*0*	*0*	*31*	*0*	0	0	31	0	0	0	0	0	4	12	5	10
Waterford. Seskin, Carrick-on-Suir	9	521	1015·9	–	59·9	3·1	14·4	81	5·6	0	8	8	11	4	0	0	1	*0*	0	0	2	*3*	6	19	0	5	17	9	2	0	0	0	2	0	6	12
	21	521	1016·0	–	57·2	2·6	13·5	85	5·3	0	11	8	10	2	0	0	0	*0*	0	0	1	*3*	2	25	0	6	17	8	3	0	0	0	4	1	3	12
Kerry. Valentia Observatory H	7	45	1017·0	+2·6	57·7	1·9	14·4	87	8·1	0	2	5	15	9	0	0	0	1	1	0	*4*	*5*	*15*	*5*	0	10	16	5	5	3	0	0	6	6	3	3
	13	45	1017·3	+2·6	62·4	3·6	15·1	79	7·4	0	4	6	13	8	0	0	0	0	0	1	*1*	*2*	*18*	*9*	0	14	17	0	5	0	0	0	6	4	10	6
	18	45	1017·0	+2·3	61·2	3·3	14·9	81	7·6	0	2	8	13	8	0	0	0	0	0	1	*3*	3	*16*	*8*	0	16	14	1	4	0	0	0	6	6	6	8
	21	45	1017·4	+2·3	58·6	2·3	14·5	86	7·6	0	6	4	6	15	0	0	1	0	0	4	*5*	1	*16*	*4*	0	10	17	4	6	0	1	0	6	8	1	5
	h.*	45	1017·1	+2·4	59·7	2·9	14·5	84																										
Cork. Roche's Point ..	7	24	1016·7	+2·0	57·4	1·6	14·3	90	7·1	0	3	10	12	6	0	0	1	0	0	0	2	*1*	*17*	*10*	0	1	27	3	9	1	0	0	2	5	4	7
	13	24	1016·8	–	64·1	3·8	16·1	79	7·0	0	1	11	16	3	0	0	0	0	1	2	*0*	*6*	*22*	0	3	28	0	7	0	0	0	2	14	5	3	
	18	24	1016·2	–	63·7	3·7	15·6	79	6·2	0	4	13	13	1	0	0	0	0	0	0	0	*1*	*12*	*18*	0	3	28	0	6	1	0	0	1	14	4	5
11. CHANNEL I. & SCILLY.																																		
Scilly. St. Mary's.. ..	1	199	1017·3	–	58·3	1·7	14·7	89	4·7	7	9	1	10	4	0	0	0	0	0	0	2	*3*	*26*	0	0	6	25	0	5	3	1	1	2	7	2	10
	7	199	1017·1	+1·9	59·0	1·9	15·1	89	7·1	0	8	1	15	7	0	0	0	0	0	0	5	*4*	*21*	1	0	8	22	1	7	4	2	0	3	5	3	6
	13	199	1017·5	–	65·7	4·8	16·3	75	7·2	0	3	8	15	5	0	0	0	0	0	0	3	*4*	*24*	0	0	12	19	0	10	4	0	0	2	5	7	3
	18	199	1017·2	–	62·8	3·9	15·4	78	6·1	1	6	10	11	3	0	0	0	1	0	0	3	*4*	*22*	1	0	12	19	0	8	3	0	1	0	6	5	8
Guernsey. St. Peter Port H	1	186	1016·9	–	58·5	1·7	15·2	90	3·4	16	1	8	1	5	0	0	0	0	0	3	0	*8*	*17*	3	0	2	14	15	1	1	1	1	0	11	4	7
	7	186	1016·7	–	60·2	2·5	15·2	85	5·9	5	1	12	6	7	0	0	0	0	0	4	3	*14*	*10*	0	0	6	11	14	1	1	1	2	0	1	2	9
	13	186	1016·9	–	66·7	6·5	15·1	67	4·5	6	7	9	3	6	0	0	0	0	0	2	2	*8*	*16*	3	0	10	15	6	3	3	3	3	1	2	2	8
	18	186	1016·5	–	64·1	4·6	15·2	75	5·0	6	5	10	4	6	0	0	0	0	0	4	*9*	*10*	8	0	5	16	10	1	5	2	0	0	1	3	9	
GIBRALTAR .. .. H	7	90	1014·4	–2·5	71·7	4·4	21·2	79	4·1	6	10	3	10	2	0	0	0	0	*1*	0	*5*	*16*	9	0	0	1	29	1	0	0	17	0	0	1	10	2
	13	90	1014·8	–	79·0	8·5	21·9	65	3·7	5	11	9	3	3	0	0	0	0	*0*	0	*3*	*17*	11	0	0	4	27	0	0	1	17	0	0	3	10	0
	18	90	1013·4	–	79·1	8·8	21·5	64	3·1	7	16	3	3	2	0	0	0	0	*0*	0	*1*	*19*	11	0	0	6	25	0	0	0	18	0	0	5	6	2
	21	90	1014·1	–	74·3	5·7	21·4	73	3·0	7	12	7	4	1	0	0	0	0	*0*	0	*4*	*17*	10	0	0	6	23	2	0	0	17	0	0	2	9	1
MALTA .. .. H	7	234	1014·7	–1·4	78·6	6·0	24·8	74	2·8	4	17	6	4	0	0	0	0	0	0	0	1	1	*29*	*0*	0	3	27	1	3	6	3	4	5	3	0	6
	13	234	1014·7	–	82·6	9·5	23·6	63	2·1	5	21	2	3	0	0	0	0	0	0	0	3	*27*	*1*	0	7	24	0	2	13	2	2	4	3	0	5	
	18	234	1014·3	–	79·2	7·1	23·9	70	1·2	9	20	2	0	0	0	0	0	0	0	0	2	*28*	*1*	0	3	28	0	7	4	2	3	5	3	3	4	

* Mean of hourly readings.

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 temperature 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:—*Royal Observatory, Greenwich.*—A Glaisher stand is used. *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.

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 Gale 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 arrangement 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.

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—Rhayader (9), Tavistock (17), Plymouth (15), Balbriggan (25), Newcastle, Co. Wicklow (30).

"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*), *Pressure* (*Table IV*).—The averages refer to the period 1881–1915 and are "weighted" if the record is not complete for that period.

Temperature and Sunshine (*Table III*).—The averages refer to periods of from 10 to 30 years ending 1930, the actual period for each station being stated in the Introduction. Differences from 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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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: Adastral House, Kingsway London W.C.2; 120 George Street, Edinburgh 2; York Street, Manchester 1; 1 St. Andrew's Crescent, Cardiff; 80 Chichester Street, Belfast; or through any Bookseller.

METEOROLOGICAL OFFICE LIBRARY 2 NOV 1935

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VOL. 52. NO. 9. ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE

SEPTEMBER, 1935.—A very wet month; severe gales between the 16th and 19th.

The weather of the month was very unsettled and unusually wet, the general rainfall amounting to nearly 200 per cent. of the average.

During the first five days a depression, moving north-east across the British Isles to south-west Norway, caused heavy local rain and thunderstorms at times.

On the 6th, there was a general rise in pressure over the country and, during the ensuing days, conditions were governed by the southward extension of an anticyclone situated near Iceland. In most districts mainly fair weather prevailed until the 10th, but shallow depressions centred off our south-west coasts and over the Bay of Biscay caused some rain locally in Ireland and southern England on the 8th and 9th. Between the 10th and 12th, secondaries to an Atlantic depression gave rain in the west and north, but little or none was experienced in England (except in the south-west) until the night of the 12th–13th.

Thereafter a succession of Atlantic depressions caused continuously unsettled weather, except during the passage of intervening wedges of high pressure, such as those on the 23rd and 25th to 26th. Heavy rain, accompanied at times by thunder, occurred frequently during this period. The depressions, which crossed the country between the 16th and 17th and on the 19th deserve special comment. They were unusually deep and caused exceptionally severe and destructive gales for the time of year. Much damage and some loss of life were reported, both on land and sea.

Pressure and Wind.—Mean pressure was everywhere decidedly below the average, the deficiency at 7 h. varying from 4.8 mb., at Portland Bill to 10.2 mb. at Wick.

Perhaps the most important feature of the weather of the month was the remarkable period of strong westerly winds and gales, which prevailed from the 15th to 20th. The gale of the 16th–17th was exceptionally severe in the southern half of England. Mean hourly wind speeds of 66 m.p.h., 64 m.p.h. and 63 m.p.h. were recorded at the Scilly Isles, Pendennis Castle and the Lizard respectively late on the 16th, while among the highest gusts were 98 m.p.h. at Pendennis, 96 m.p.h. at Scilly and 92 m.p.h. at the Lizard on the 16th, and 88 m.p.h. at Cardington, 81 m.p.h. at Calshot and 80 m.p.h. at Larkhill on the 17th. The gale on the 19th, though not quite so severe in southern districts as the one on the 17th, was more widespread. A mean hourly wind speed of 59 m.p.h. and a gust of 82 m.p.h. were registered at Bell Rock Lighthouse on the 19th. Local gales were recorded at times outside the period 15th–20th.

Temperature.—The month was somewhat milder than usual, the deviation from the average varying from 0°F. in Scotland, W. to +1.1°F. in England, E., and England, S.W.

There were no very notable extremes. The highest day temperatures occurred for the most part between 11th and 14th, but it was also rather warm from the 1st to 3rd, around the 20th and on the 27th and 28th. In southern England the nights of the 21st–22nd and 27th–28th were unusually warm, minima exceeding 60°F. at many places. A brief cool spell occurred from the 24th to 26th and the night of the 7th to 8th was also rather cold.

The extremes for the month were:—(England and Wales) 76°F. at Hunstanton on the 12th, 27°F. at Rickmansworth on the 26th; (Scotland) 70°F. at Ruthwell on the 11th, 27°F. at Dalwhinnie on the 24th; (Ireland) 70°F. at Trinity College, Dublin, on the 12th, 13th and 14th, and at Foynes and Cork on the 9th, and 33°F. at Aldergrove on the 25th.

Precipitation.—The general precipitation of the British Isles expressed as a percentage of the average for the period 1881–1915 was 198, the values for the constituent countries being England and Wales 210, Scotland 172 and Ireland 196. A few places scattered over England and Wales received more than 300 per cent. of the average and at some stations in England and southern Ireland it was the wettest September on record. Rainfall was not only markedly excessive but unusually frequent, the number of rain-days in all districts being notably in excess of the average (see Table I).

Among heavy falls in 24 hours or less may be mentioned:—

1st. 55 mm. at Kinsale and 53 mm. at Borrowdale.
2nd. 81 mm. at Borrowdale and 73 mm. at Achnashellach (Ross and Cromarty).
3rd 65 mm. at Achfary (Sutherlandshire).
16th. 55 mm. at Treherbert (Glamorgan), 50 mm. at Bethesda (Carnarvonshire) and 50 mm. at Newtownforbes (Longford).
18th. 67 mm. at Treherbert, 57 mm. at Borrowdale (most of which fell between 1 a.m. and 4 a.m.) and 53 mm. at Fort William.
19th. 64 mm. at Kinlochquoich (Inverness-shire) and 53 mm. at Tyndrum (Perthshire).
21st. 70 mm. at Oughtershaw Hall (Yorkshire), 58 mm. at Barnard Castle (Durham), 58 mm. at Middleton-in-Teesdale and 56 mm. at Durham and Houghall.

Local thunderstorms occurred on the 1st, 2nd, 4th, 12th–17th, 20th, 22nd–24th, 28th and 30th. The thunderstorm experienced in many parts of England and Wales in the early hours of the 22nd was remarkable for the abnormal fall of hail. In Northamptonshire much glass was broken by the hailstones, which were exceptionally large.

Sunshine.—The duration of bright sunshine was variable, but, broadly speaking, totals were below the average in the western half of the country and somewhat above the average in the eastern half. The district values (see Table I) show percentages of the average varying from 83 in Ireland, S., and 87 in England, S.W., to 108 in England, N.E. Among sunny days were the 6th, 7th, 23rd and 25th.

Fog.—Local fog occurred at times, particularly on the 12th, 20th, 21st, 24th and 26th–28th. It was rather widespread in the English Channel on the 21st, thick at the Scilly Isles on the 24th and at times on the south-west coast of England on the 26th and 27th.

Miscellaneous Phenomena.—The aurora was observed in Scotland on the nights of the 2nd, 4th, 6th, 15th, 23rd, 24th and 30th. Solar halos were noted at Oxford on 14 days. A line squall moved eastward across the country on the 14th, and was particularly severe at Sandbach, Cheshire.

METEOROLOGICAL OFFICE, AIR MINISTRY: G. C. SIMPSON, K.C.B., D.Sc., F.R.S., Director.

South Kensington, S.W.7, 24*th October*, 1935.

40/9999.

TABLE I.—DISTRICT VALUES.— SEPTEMBER, 1935 [1908, revised 1928.]

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	27	+0·1	-	-	180	+ 5	92	27
Eastern.									
1. SCOTLAND, E.	69	29	+0·3	-	-	161	+ 5	106	34
2. ENGLAND, N.E.	75	30	+0·4	+0·9	+1·4	261	+ 4	108	38
3. ENGLAND, E.	76	27	+1·1	+0·5	+1·5	213	+ 6	101	41
4. MIDLAND COUNTIES ..	74	33	+0·9	+0·8	+1·5	250	+ 7	104	38
5. ENGLAND, S.E.	75	32	+1·1	+1·7	+1·9	199	+ 8	95	42
Western.									
6. SCOTLAND, W. (*and I. of Man*)	70	30	0·0	+0·6	+0·7	191	+ 4	93	28
7. ENGLAND, N.W. (*and N. Wales*)	71	31	+0·5	+1·2	+1·7	228	+ 6	96	33
8. ENGLAND, S.W. (*and S. Wales*)	71	35	+1·1	+1·0	+1·3	187	+10	87	35
9. IRELAND, N. ..	68	33	+0·3	+0·7	+0·7	186	+ 6	95	29
10. IRELAND, S. ..	70	35	+0·6	+0·1	+0·9	216	+10	83	28
11. CHANNEL I. (*and Scilly*)	75	47	+1·0	+1·5	+1·0	125	+ 7	91	43
Mean : DISTRICTS 1—10	76	27	+0·7	+0·8	+1·3	209	+ 7	97	35

TABLE II.—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND.— SEPTEMBER, 1935 [1914.]

DISTRICT AND STATION.	Height.			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.		
					hr.		hr.	hr.	hr.	hr.	hr.	°	mi/hr.	m/s.	day. hr.	mi/hr.	m/s.	d.	h.	m.
0. SCOTLAND, N.	ft.	ft.	ft.																	
Shetland. ‡Lerwick	310	53	39	-	0	16	75	363	256	26	0	80	35	16	19 10	54	24	19	09	35
Orkney. Kirkwall	170	40	35	-	0	3	4	280	374	62	0	90	27	12	2 12	43	19	2	11	25
Hebrides. Stornoway	—	—	—	3	1	12	96	323	275	25	0	250	39	17	3 14	57	26	29	17	05
1. SCOTLAND, E.																				
Aberdeen. Aberdeen	70	42	32	-	0	2	4	169	476	71	0	240	24	11	19 23	55	25	19	22	20
Kincardine. Balmakewan ..	140	25	20	-	0	1	1	76	(432)	(211)	0	140	25	11	19 21	48	22	19	20	35
Angus. Bell Rock Lighthouse	130	—	126	17,19,20	26	18	141	326	180	47	0	250	59	26	19 16	82	37	19	15	55
Edinburgh. Edinburgh	485	39	23	-	0	3	26	185	320	189	0	250	30	13	19 15	54	24	19	12	30
6a. SCOTLAND, W.																				
Argyll. Tiree	75	50	42	19	9	10	89	299	280	43	0	230	44	18	19 12	66	30	19	11	25
Renfrew. Paisley	188	81	31	-	0	1	4	114	423	179	0	250	27	12	19 14	63	28	19	16	35
Renfrew. Abbotsinch ..	65	46	33	19	1	2	26	168	345	180	0	260	40	18	19 14	67	30	19	13	25
Dumfries. Eskdalemuir ..	825	50	35	-	0	8	59	209	296	156	0	220	34	15	19 05	62	28	19	12	05
2. ENGLAND, N.E.																				
Durham. South Shields ..	73	57	44	-	0	9	38	182	358	142	0	260	34	15	19 16	59	26	19	14	55
Yorks., N.R. Catterick	220	45	33	19	1	3	25	125	315	254	0	270	39	17	19 12	70	31	19	11	05
Yorks., E.R. Spurn Head ..	64	42	34	16,17,25	15	13	88	402	203	12	0	210	46	21	17 05	66	30	17	04	30
Lincoln. Cranwell	284	43	33	-	0	6	38	263	343	76	0	190	38	17	17 04	63	28	19	13	05
3. ENGLAND, E.																				
Norfolk. Gorleston	52	42	34	17	3	6	30	228	412	47	0	200	40	18	17 05	66	30	17	04	20
Suffolk. Felixstowe Aero. ..	65	50	40	16,17	5	8	50	260	358	47	0	200	45	20	17 04	72	32	17	02	40
Bedford. Cardington ..	285	150	135	17,19	14	11	84	286	319	17	0	200	53	24	17 04	88	39	17	03	05
Essex. Shoeburyness ..	115	104	89	16,17	9	12	65	374	245	27	0	220	50	22	17 04	73	33	17	03	55
4. MIDLAND COUNTIES.																				
Warwick. Birmingham ..	643	118	73	-	0	4	24	195	474	27	0	180	31	14	17 02	65	30	19	06	55
5. ENGLAND, S.E.																				
London. South Kensington..	137	110	30	-	0	1	5	150	505	60	0	240	27	12	17 04	61	27	17	03	45
Surrey. Kew Observatory ..	92	75	50	-	0	2	10	140	451	119	0	210	36	16	17 03	69	31	17	02	50
Surrey. Croydon	313	105	70	-	0	3	38	237	332	113	0	220	37	17	17 03	69	31	17	05	00
Kent. Dover	66	66	60	16,17	8	11	60	298	314	38	2	-	44	20	17 05	72	32	17	07	35
Kent. Lympne	418	76	48	17	7	7	40	227	430	16	0	230	46	21	17 05	77	34	17	03	50
Hampshire. Calshot	58	50	42	16,17,19	11	9	48	325	294	42	0	200	51	23	17 01	81	36	17	02	10
Wiltshire. Boscombe Down ..	462	45	33	16,17	5	6	38	239	326	112	0	200	42	19	16 24	70	31	17	00	30
Wiltshire. Larkhill	491	51	36	16,17	6	6	39	257	371	47	0	230	47	21	17 02	80	36	17	01	25
7a. ENGLAND, N.W.																				
Lancashire. Fleetwood	112	50	31	17	6	12	95	246	285	9	79	310	49	22	17 09	63	28	17	08	10
Lancashire. Manchester (Barton)	153	83	80	17	6	7	48	282	291	93	0	290	44	20	17 13	67	30	17	13	45
Lancashire. Southport	60	42	33	17	7	11	111	230	366	6	0	290	45	20	17 08	65	29	17	06	55
Cheshire. Bidston Obs'y. ..	262	64	39	17,19	9	7	56	319	311	18	7	280	48	22	17 08	76	34	17	07	50
7b. NORTH WALES.																				
Anglesey. Holyhead	68	43	38	17	3	10	42	344	271	60	0	280	46	21	17 06	65	29	17	05	40
Flint. Sealand	81	65	42	-	0	2	11	182	432	95	0	240	31	14	17 08	64	29	17	07	05
8a. SOUTH WALES.																				
Pembroke. St. Ann's Head ..	—	—	—	-	-	-	-	-	-	-	-	-	-	-	- -	-	-	-	-	-
8b. ENGLAND, S.W.																				
Devon. Plymouth	185	88	65	16,17,18	15	10	52	370	223	37	23	-	53	24	16 24	74	33	16	23	05
Cornwall. The Lizard	315	75	60	16,17,18,19	25	18	127	325	209	34	0	240	63	28	16 24	92	41	16	21	00
Cornwall. Pendennis Castle ..	256	65	42	16,17,18,19	27	19	123	317	202	51	0	220	64	29	16 24	98	44	16	23	10
9. IRELAND, N.																				
Donegal. Dunfanaghy Road	180	47	30	19	9	7	49	210	285	167	0	-	46	21	19 15	72	32	19	07	25
Antrim. Aldergrove	282	40	20	-	0	1	7	246	400	67	0	250	30	13	19 15	54	24	19	12	30
10. IRELAND, S.																				
Dublin. Kingstown (Cup Anr.)	49	27	27	17,19	7	12	73	360	245	35	0	240	44	20	19 12	-	-	-	-	-
Clare. Quilty	100	40	32	-	0	7	80	301	266	73	0	-	35	17	18 24	50	22	18	23	35
Kerry. Valentia Observatory	98	41	33	-	0	7	63	271	294	92	0	330	38	17	16 22	67	30	16	21	10
Cork. Cork	132	71	40	-	0	0	0	66	269	385	0	-	19	9	19 12	45	20	19	11	30
11. SCILLY ISLES.																				
St. Mary's	230	65	57	16,17	17	18	156	383	145	19	0	260	66	30	16 23	96	43	16	21	45

‡‡ Brackets ( ) indicate that the distribution as between winds above and below 4 m.p.h. is doubtful, but the total number of hours with winds below 12 m.p.h. is reliable.

‡ Data inaccurate prior to October, 1929 (*see* 1933 Annual Summary, Wind Section).

† Figures are for Butt of Lewis.

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

The dotted lines indicate the normal distribution of pressure in September; based on 35 years' observations, 1881–1915.

1013 1014 1003 1004 1015 1005 1006 1007 1016 1008 1009 1010 1011 1017 1012 1013

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 12 16 3 29 18 20 5 6 30 B 1 C 19 D 15 28 17 23 26 E 24 30 F 11 25 G 22 16 J 9 H 29 K L 1 M

SCALE 1: 25,000,000.

Positions of centres are shown thus:– O at 1hr; ● 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°

52° 53° 55° 54° 53° 54° 54° 55° 56° 56° 58° 56° 55° 56° 57° 58° 58° 57° 59° 58° 62° 58° 59° 62° 60° 62° 58° 60° 61° 61°

Sea temperatures are shewn in large figures, thus: 55°

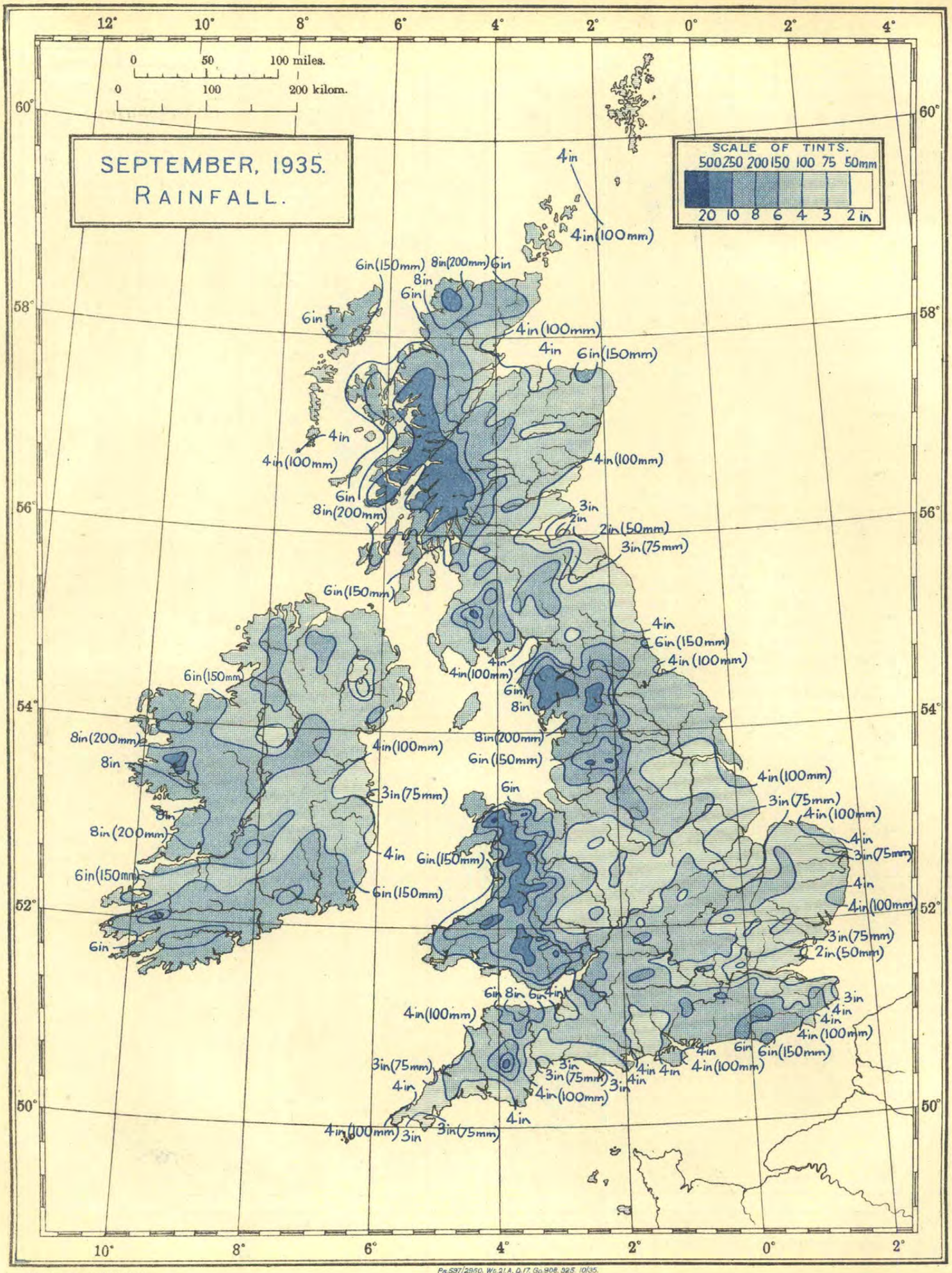
4. BRIGHT SUNSHINE, HOURS PER DAY.

SCALE OF TINTS. Hrs. 5·5 4·5 3·5 2·5

3·0 3·0 3·5 3·5 4·0 4·0 4·5 4·5 5·0 5·0 5·0 5·0 4·5 5·0 4·0 3·5 5·5 3·5 4·0 4·5 5·0 5·5

H.M. Stationery Office Press, Kingsway W.C.2.

*The pressure is expressed in millibars.



Ps.S97/2950. Wt.21.A. D.17. Gp.908. 325. 10/35.

Scale 1 : 5,000,000.

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

TABLE III.—SUMMARY of the RECORDS of TEMPERATURE, RAINFALL and SUNSHINE, and of WEATHER OBSERVATIONS, SEPTEMBER, 1935

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.		Difference from Average.	Most in a day. Amount.	Date.	WEATHER. Number of days. Precip'n. 0·2 mm. or more.	1 mm. or more.	Snow.	Snow lying.	Hail.	Thunderstorm.	Fog (Morn'g Obs.)	Ground Frost.	Gale.	BRIGHT SUNSHINE. Hours per day. Daily Mean.	Difference from Average.	Per Cent.
		G.M.T.	ft.	°F.	°F.	°F.	°F.	°F.		°F.		°F.	°F.	in.	mm.	mm.	mm.												hr.	hr.	%
0. SCOTLAND, N.																														
Shetland.	Baltasound ..	9 9 9	31	55·9	47·5	51·7	+1·2	61	13	39	22	53·0	-	5·82	148	+63	28	30	30	22	0	0	0	0	0	-	0	2·63	-0·47	20
	Lerwick .. ¶§	18-7 7	156	54·2	49·0	51·6	+0·5	58	1,2	41	26	-	-	3·59	91	-	13	3	23	14	0	0	0	0	0	-	0	2·76	-0·86	21
Orkney.	Deerness	2121 9	160	-	-	-	-	-	-	-	-	-	-	4·61	117	+43	27	17	25	17	-	-	-	-	-	-	-	3·03	-0·34	24
	Kirkwall .. ¶§	9 9 9	113	56·7	48·1	52·4	+0·6	63	1	40	26	53·8	-	4·76	121	+44	28	17	25	19	0	0	0	0	0	0	0	3·27	-0·17	26
Hebrides.	Skallary	101010	30	58·7	50·6	54·7	-	61	1,13,18	41	24	-	-	4·00	102	-	15	18	22	18	0	0	0	0	-	-	-	-	-	-
	Stornoway(C.G.) ¶§	18-7 7	80	57·4	48·8	53·1	+1·8	63	11	41	24	-	-	6·78	172	-	36	2	25	21	0	0	0	0	0	-	5	3·91	+0·11	31
	Stornoway ..	- - 9	30	-	-	-	-	-	-	-	-	-	-	7·87	200	+100	40	2	25	20	-	-	-	-	-	-	-	-	-	-
Skye.	Duntulm ..	9 9 9	294	57·6	49·3	53·5	-	62	11	43	24,26	-	-	5·75	146	-	28	18	26	19	0	0	0	0	0	-	1	3·61	-	28
Caithness.	Wick	18-7 7	81	56·8	47·4	52·1	+1·1	62	3,13,19	31	8	-	-	4·09	104	+40	15	18	23	16	0	0	0	0	0	-	1	-	-	-
Ross & Cromarty.	Achnashellach ..	9 9 9	225	58·7	43·1	50·9	-	64	3	34	25	-	-	11·64	296	+112	73	2	22	20	0	0	0	0	0	3	-	-	-	-
	Fortrose	9 9 9	69	58·8	48·5	52·7	0·0	63	15	37	8	-	-	3·05	77	-	20	28	22	15	0	0	0	0	0	-	0	3·70	-0·18	29
Inverness.	Dalwhinnie † ..	18-7 7	1176	53·6	41·9	47·7	-	60	1	27	24	-	-	7·74	196	-	27	2	23	21	0	0	0	0	0	4	3	2·66	-	21S
	Ft. Augustus ¶	9 9 9	68	58·0	45·4	51·7	-0·6	62	2,8,9	34	8,26	-	-	6·35	161	+75	24	7	24	23	0	0	0	0	0	-	-	2·72	-	21S
	Ft. William ..	9 9 9	34	58·4	47·4	52·9	-0·3	62	8,12	36	24	53·2	54·6	11·66	296	+137	53	18	23	21	0	0	0	1	0	0	0	2·43	-	19S
	Inverness ¶§	9 9 9	242	57·8	46·4	52·1	-1·6	67	27	36	8,9	-	-	3·96	101	+43	14	16	24	18	0	0	0	1	0	0	0	3·61	-0·25	28
1. SCOTLAND, E.																														
Nairn.	Nairn .. ¶§	9 9 9	20	59·4	46·6	53·0	-0·2	65	2,11	35	26	-	-	3·56	90	+34	17	28	25	16	0	0	0	1	0	-	0	4·09	+0·35	32
Moray.	Forres	9 9 9	155	59·7	46·6	53·1	-	68	2	36	26	-	-	4·49	114	- 29	16	21	21	13	0	0	0	0	0	-	0	3·98	-	31
	Gordon Castle ..	2121 9	104	58·4	46·6	52·5	-0·4	65	2	36	26	-	-	3·71	94	+30	16	17	20	14	0	0	0	0	-	-	-	3·68	-0·07	29S
Banff.	Banff	9 9 9	130	58·6	48·7	53·7	+1·2	66	11	42	26,29	-	-	4·55	116	+58	23	17	22	17	0	0	1	0	0	0	0	3·92	-0·01	31S
Aberdeen.	Aberdeen ¶§	242424	79	58·5	47·7	53·1	+0·6	65	3	39	13	54 9	55·6	4·24	108	+52	29	17	20	13	0	0	0	0	0	0	0	4·70	-0·09	37
		18-7 -	—	59·6	47·0	53·3	+0·1																							
	Balmoral	9 9 9	927	56·4	41·4	48·9	-0·8	62	13	29	8,26	-	-	3·64	93	+32	20	16	26	17	0	0	0	0	-	6	1	-	-	-
	Braemar	2121 9	1111	55·6	42·5	49·1	-0·4	61	3	29	8	-	-	3·68	93	+29	18	16	23	18	0	0	0	1	0	4	0	3·03	-	24S
	Craibstone ..	9 9 9	300	59·0	46·2	52·6	-	64	1,13,19	38	9	53·7	54·3	4·35	110	+50	23	16	21	15	0	0	0	0	-	0	-	5·19	-	41
	Logie Coldstone ..	9 9 9	608	58·1	42·0	50·1	-1·0	65	1	29	26	-	-	3·03	77	+18	18	1	17	12	0	0	0	0	0	4	0	-	-	-
Kincardine.	Balmakewan ..	9 9 9	80	61·6	43·5	52·5	-	67	3,16	33	24	-	-	4·55	115	+60	25	1	19	13	0	0	0	0	1	7	0	-	-	-
	Stonehaven ..	9 9 9	12	60·8	48·4	53·6	-	66	3,13	36	24	-	-	3·94	100	-	17	16	19	15	0	0	0	0	-	-	-	4·63	-	36
Angus.	Arbroath	2121 9	93	60·0	45·8	52·9	-0·4	66	13	34	26	-	-	3·64	92	+44	18	1	17	12	0	0	0	0	0	4	1	4·55	-	36
	Carnoustie ..	9 9 9	39	60·0	46·1	53·1	-0·2	66	13	38	26	-	-	3·17	81	+30	15	16	20	15	0	0	1	0	-	-	1	4·33	-0·04	34
	Dundee ¶§	9 9 9	147	60·2	48·0	54·1	+1·1	65	3,16	39	24,26	55·7	-	3·87	93	+42	18	16	21	13	0	0	0	2	-	2	1	4·08	+0·09	32
	Kettins	9 9 9	218	59·2	44·5	51·9	0·0	64	5,13	32	24,26	54·7	-	4·35	110	+54	25	1	21	13	0	0	0	2	0	6	1	-	-	-
	Montrose	9 9 9	16	60·3	45·6	52·9	0·0	66	3,13	35	9	-	-	3·48	88	-	20	16	15	11	0	0	0	0	-	-	1	4·91	+0·52	38
Perth.	Crieff	2121 9	478	58·6	45·2	51·9	-0·7	64	11,13	36	24,26	-	-	4·92	125	+52	22	18	19	16	0	0	0	1	1	-	1	-	-	-
	Perth	9 9 9	76	60·7	45·6	53·1	0·0	66	4,6,13	33	26	-	-	4·49	114	+57	17	1	18	17	0	0	0	1	-	-	-	4·29	+0·03	34
Fife.	Cupar	9 9 9	210	59·7	46·9	53·3	+0·3	65	13	36	24,26	-	-	3·24	82	-	17	16	23	14	0	0	0	0	-	-	-	-	-	-
	Dunfermline ..	9 9 9	237	59·3	47·1	53·2	-	65	13	36	25	56·4	57·3	4·01	102	-	19	16	23	14	0	0	0	2	0	2	1	3·81	-	30
	Inchkeith ..	18-7 7	190	58·8	50·4	54·6	+0·6	64	13	(39)	(25)	-	-	2·97	75	+34	14	1	18	13	0	0	0	0	1	0	2	4·33	-	34
	Kirkcaldy ..	9 9 9	63	61·1	47·6	54·3	0·0	67	13	37	24	-	-	3·94	100	-	17	18	23	15	0	0	0	0	-	-	-	-	-	-
	Leuchars ..	18-7 7	35	60·1	45·9	53·0	0·0	66	13	34	26	-	-	3·08	78	+29	17	1	19	13	0	0	0	2	1	2	0	4·60	+0·08	36
	St. Andrews ..	9 9 9	13	60·2	47·4	53·8	+0·4	66	13	38	26	55·2	56·4	3·47	88	+37	18	16	21	13	0	0	0	0	0	0	-	4·72	+0·31	37
Mid Lothian.	Edinburgh—																													
	Blackford H. ¶§	2121 9	441	58·9	48·4	53·7	+0·4	65	13	40	25	-	-	3·24	82	+30	16	1	20	14	0	0	0	2	2	0	0	4·48	+0·18	35
	Boghall	9 9 9	639	58·1	45·8	51·9	-	65	11	36	24	52·7	54·6	3·80	97	-	17	18	21	16	0	0	0	1	1	0	-	4·37	-	34
	Liberton ..	9 9 9	190	60·7	47·0	53·9	-	67	13	35	24	-	-	3·53	90	-	21	1	20	14	0	0	0	0	-	-	-	-	-	-
	Univ. King's B.	9 9 9	225	60·4	48·2	54·3	-	67	13	37	24	54·7	56·3	3·38	85	-	20	1	20	14	-	-	-	-	-	-	-	-	-	-
E. Lothian.	Dunbar	9 9 9	75	60·1	48·5	54·3	-	65	3,27	38	26	-	-	1·64	42	-	9	26	18	11	0	0	0	0	1	0	0	4·71	-	37
	N. Berwick ..	9 9 9	118	60·6	46·8	53·7	-	69	13	37	24	-	-	1·90	48	- 2	8	18,26	18	14	0	0	0	0	0	2	1	4·27	-	33
Berwick.	Marchmont ‖ ¶§	9 9 9	498	58·8	45·5	52·1	-0·2	66	1	36	24	-	-	2·61	66	+ 5	18	21	17	11	0	0	0	0	-	-	1	4·15	-0·02	33S
Peebles.	Peebles	9 9 9	629	58·9	45·0	51·9	-	64	13	29	26	-	-	3·41	87	-	17	1	16	16	0	0	0	1	0	4	0	3·22	-	25
	West Linton ..	9 9 9	820	58·0	43·1	50·5	+0·6	64	11,13	29	26	53·4	54·1	4·93	125	-	19	1	18	17	0	0	0	1	2	4	-	-	-	-
Roxburgh.	Kelso (Br'ml'ds)	9 9 9	193	60·3	45·8	53·1	-0·1	67	1	33	26	-	-	2·16	55	+ 7	8	26	20	13	0	0	0	0	0	-	0	-	-	-
	Wolfelee	9 9 9	537	57·6	43·2	50·4	-1·3	63	11,12	30	8,26	-	-	3·73	95	+30	16	30	20	17	0	0	0	1	0	-	1	-	-	-
6a. SCOTLAND, W.																														
Argyll.	Ardtornish ..	2121 9	48	59·6	-	-	-	63	8,22	-	-	-	-	10·24	260	-	28	26	23	22	0	0	0	0	-	5	-	-	-	-
	Colonsay	9 9 9	100	59·6	49·4	54·5	-	63	13	35	25	-	-	8·65	220	-	31	30	23	21	0	0	1	0	-	-	-	-	-	-
	Dunoon	9 9 9	46	59·5	46·8	53·1	-	65	11	34	8,26	55·3	55·8	10·44	265	-	37	18	24	21	0	0	0	0	0	2	-	2·86	-	23S
	Glenbranter ..	9 9 9	188	59·2	45·0	52·1	-	65	6,11	30	25	-	-	13·24	336	-	37	18	22	21	0	0	0	1	0	5	0	-	-	-
	Oban	9 9 9	229	58·9	47·1	53·0	-0·7	67	12	40	27	-	-	9·96	253	-	28	29	21	20	0	0	1	1	0	0	0	3·86	+0·02	30
	Tiree	18-7 7	22	59·1	51·4	55·3	-	63	1,11	41	24	-	-	5·09	129	+35	15	18	21	20	0	0	0	0	0	1	2	5·37	-	42
Bute.	Rothesay ¶§	2121 9	200	59·0	48·9	53·9	+0·4	64	11	41	25	54·5	55·0	6·78	172	+69	23	28	21	20	0	0	0	0	1	0	2	3·48	-0·45	27
Dumbarton.	Cardross	9 9 9	130	59·7	46·7	53·2	+0·4	66	11	36	24	-	-	6·61	168	-	19	26	23	19	0	0	0	0	0	-	0	3·38	-0·33	27S
	Helensburgh ..	9 9 9	293	59·2	46·8	53·0	+0·2	66	11	36	25	-	-	7·89	200	+93	26	26	23	19	0	0	0	0	2	-	0	3·43	-0·07	27
Stirling.	Stirling	9 9 9	151	59·0	47·8	53·4	+0·1	65	13	37	24,25	54·4	56·9	5·81	147	-	21	16	20	19	0	0	0	1	1	0	-	2·88	-1·27	23
Renfrew.	Greenock	9 9 9	199	59·8	48·8	54·3	+0·7	67	12	41	24,25	-	-	8·78	223	+102	27	15	24	19	0	0	0	0	3	0	-	-	-	-
	Paisley	2121 9	106	60·4	48·6	54·5	+0·2	65	5,11	38	8,24,26	55·6	56·4	6·70	170	+93	25	1	23	17	0	0	0	1	1	1	-	4·03	+0·13	32
	Renfrew ¶§ (Abbotsinch)	18-7 7	19	60·3	46·1	53·2	+0·5	67	11	31	8,24	-	-	6·18	157	+91	23	1	21	18	0	0	1	1	1	3	1	3·74	-0·18	29
Lanark.	Dungavel	9 9 9	798	56·5	44·7	50·6	+0·4	62	11	35	25	-	-	7·52	191	-	32	18	20	17	0	0	0	1	0	1	-	-	-	-
	Glasgow	9 9 9	85	59·9	48·9	54·4	+0·7	65	11,13	39	24	-	56·0	4·85	123	+47	16	18	22	17	0	0	0	1	0	6	-	-	-	-
	Thorntonhall ..	9 9 9	440	59·3	45·6	52·5	+0·6	66	11	34	8,25,26	-	-	5·56	141	-	22	18	21	18	0	0	0	1	-	4	2	4·04	+0·35	32S
Ayr.	Auchincruive ..	9 9 9	89	60·8	47·5	54·1	-	65	9,13	32	25	56·4	57·2	4·35	110	-	21	18	21	16	0	0	0	2	0	4	-	3·93	-	31
	Colmonell ..	9 9 9	170	60·4	47·6	54·0	-0·3	67	5	32	25	-	-	4·23	107	+19	19	16	20	18	0	0	0	2	0	2	-	-	-	-
	Troon	9 9 9	15	60·1	50·6	55·3	-	66	7	39	25	-	-	4·86	123	-	16	18	21	16	0	0	1	1	1	0	0	3·84	-	30
	Turnberry ..	9 9 9	30	60·7	50·4	55·5	+1·0	67	11	40	25	-	-	4·29	109	-	19	17	18	17	0	0	0	0	0	0	0	3·95	-0·27	31
Dumfries.	Dumfries .. ¶§	2121 9	140	60·3	47·0	53·7	0·0	67	11	35	26	56·2	56·7	4·13	105	+40	16	29	20	15	0	0	0	1	0	7	1	3·92	-0·23	31
	Eskdalemuir ¶§	242424	794	57·6	42·3	49·9	0·0	63	11	31	26	54·3	54·1	7·25	184	+90	35	19	18	15	0	0	1	2	2	8	1	3·08	-0·64	24
		18-7 -	—	57·4	43·6	50·5	+0·2																							
	Ruthwell	2121 9	67	61·5	45·7	53·6	-0·1	70	11	33	26	-	-	4·37	111	-	16	29	20	17	0	0	0	2	-	-	0	3·29	-0·69	26S
	Thornhill ..	9 9 9	670	58·5	47·4	52·9	-	65	11	38	25	-	-	5·29	134	-	26	18	19	17	0	0	0	1	0	-	2	-	-	-

¶§ See Notes on Tables on last page of this issue. ‖ On and after April 14th observations were taken one hour earlier than the times shown.
† Observations taken at 17h. instead of 18h. G.M.T., on Sundays during Summer Time.

TABLE III (*continued*).—SUMMARY of the RECORDS of TEMPERATURE, RAINFALL and SUNSHINE, and of WEATHER OBSERVATIONS, SEPTEMBER, 1935

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. in.	mm.	Difference from Average. mm.	Most in a day. Amount. mm.	Date.	WEATHER. Number of days. Precip'n. 0·2 mm. or more.	1 mm. or more.	Snow.	Snow lying.	Hail.	Thunderstorm.	Fog (Morn'g Obs.)	Ground Frost.	Gale.	BRIGHT SUNSHINE. Hours per day. Daily Mean.	Difference from Average.	Per Cent.
		G.M.T.	ft.	°F.	°F.	°F.	°F.	°F.		°F.		°F.	°F.	in.	mm.	mm.	mm.											hr.	hr.	%
6b. ISLE OF MAN.																														
Isle of Man.	Douglas	9 9 9	284	59·7	50·8	55·3	+0·6	64	14	40	25	–	–	5·61	147	+64	25	16	17	14	0	0	0	1	0	0	3	4·98	+0·07	39
	Point of Ayre ..	18–7 7	30	62·2	51·1	56·7	–	69	13	41	26	–	–	5·25	133	–	33	16	18	14	0	0	0	2	0	–	0	4·63	–	37
2. ENGLAND, N.E.																														
Northum-berland.	Berwick-on-T. ..	9 9 9	76	59·2	47·0	53·1	–	65	1,13	37	26	–	–	2·75	70	+25	15	16	16	12	0	0	0	0	0	0	–	4·96	–	39
	Bellingham ..	9 9 9	849	58·1	43·9	51·0	–0·5	62	1,13,27	34	26	–	–	4·24	108	+47	18	16	20	17	0	0	0	0	0	–	–	–	–	–
	Cockle Park ¶§	2121 9	325	60·1	45·3	52·7	+0·1	67	13	38	24,26	51·3	54·0	4·04	103	+50	22	21	21	16	0	0	0	1	2	0	2	4·67	+0·15	37
	Tynemouth ..	18–7 7	108	59·9	50·3	55·1	0·0	68	13	42	26	–	–	3·49	89	+43	37	21	17	10	0	0	0	2	0	0	0	–	–	–
Durham.	Chopwellwood ..	9 9 9	446	61·0	46·1	53·5	+0·7	66	1,13,28	36	8	–	–	4·51	115	+62	42	21	17	12	0	0	0	1	0	2	–	4·07	–0·39	32
	Durham .. ¶§	2121 9	336	61·0	46·3	53·7	+0·2	67	1,3	34	8,26	–	–	5·32	135	+91	56	21	15	11	0	0	0	1	0	0	1	4·63	+0·47	37
	Houghall	9 9 9	160	63·9	45·3	54·6	–	69	1,12,13	30	8,26	–	–	5·38	137	–	55	21	14	13	0	0	0	2	0	6	0	4·40	–	35
	Ushaw College ..	9 9 9	594	60·3	47·3	53·8	+0·1	66	1, 2,13	39	8,26	–	–	6·01	153	+102	46	21	15	13	0	0	0	3	1	–	–	–	–	–
Yorks., N. Riding.	Ampleforth ..	9 9 9	313	61·5	47·3	54·4	0·0	68	1	38	26	–	–	4·56	116	–	27	24	16	14	0	0	0	1	3	(2)	–	4·51	–	35
	Castleton ..	9 9 9	450	61·8	44·8	53·3	–	69	1,12	31	26	54·3	–	4·89	124	–	33	21	17	11	0	0	0	2	0	7	–	–	–	–
	Catterick	18–7 7	175	61·1	47·0	54·1	–	68	1	34	26	–	–	4·78	121	–	28	21	17	13	0	0	0	2	1	2	1	4·47	–	35
	Scarborough ††§§	9 9 9	118	64·2	50·4	57·3	+0·8	71	1	41	26	–	59·0	3·61	92	+47	28	24	17	14	0	0	0	1	1	0	1	5·28	+0·68	41
	York .. ¶§	2121 9	57	63·6	49·0	56·3	+0·6	71	1	38	8,26	56·9	57·9	5·20	132	+91	44	24	17	14	0	0	0	1	–	–	2	4·73	+0·50	37
Yorks., E. Riding.	Hull	2121 9	8	64·4	50·6	57·5	+1·8	73	1,27	38	26	57·6	58·4	4·21	107	+63	31	24	16	11	0	0	0	4	1	0	–	4·62	–	36
	Spurn Head ..	18–7 7	29	63·2	52·6	57·9	+0·8	71	1,3	47	26	–	–	5·20	132	+91	54	21	14	11	0	0	0	2	0	–	4	5·13	+0·39	40
Lincoln.	Cranwell .. ¶§	18–7 7	240	64·0	48·6	56·3	+0·4	75	12	37	8	56·9	58·6	4·95	126	+81	29	24	18	14	0	0	3	4	0	0	2	4·75	–0·03	37
	Cleethorpes ..	9 9 9	23	64·2	50·2	57·2	–	71	1,3	41	26	–	–	4·91	125	–	47	21	14	11	0	0	0	3	0	0	–	5·16	–	40
	Skegness ..	9 9 9	15	64·0	50·6	57·3	+1·1	71	12	43	8,10	–	–	2·17	55	+ 9	14	24	15	11	0	0	0	3	0	0	–	4·89	–0·40	39
3. ENGLAND, E.																														
Norfolk.	Cromer	9 9 9	178	64·6	51·7	58·1	+0·7	73	12	45	24	–	–	5·23	133	+87	33	21	16	15	0	0	1	4	0	0	0	5·35	+0·14	42
	Hunstanton ..	9 9 9	105	64·6	51·4	58·0	–	76	12	45	10,26	–	–	2·49	63	–	13	24	17	13	0	0	0	5	0	–	–	4·71	–	37
	Norwich	9 9 9	110	65·8	49·8	57·8	+0·9	73	2,12	38	8,26	56·9	–	2·99	76	–	20	24	18	12	0	0	1	3	–	1	–	5·48	+0·27	43
	Sprowston ..	9 9 9	93	65·2	50·7	57·9	–	72	1,2,12	37	26	–	–	2·82	72	–	17	24	18	12	0	0	0	2	0	3	–	5·48	–	43
	Terrington ..	9 9 9	13	65·9	48·3	57·1	–	75	12	36	10	–	–	3·16	80	–	12	24	16	13	1	0	3	3	0	2	–	5·08	–	40
	Thetford .. (Lynford Nursery)	9 9 9	99	65·8	46·5	56·1	–	75	12	29	8	58·4	60·9	3·93	100	–	26	24	18	11	0	0	1	3	0	3	–	5·37	–	42
	Yarmouth ¶§	18–7 7	5	64·7	52·3	58·5	+0·6	71	2,19	40	26	59·2	60·0	3·42	87	+37	35	24	15	13	0	0	0	4	0	0	1	5·30	+0·03	42
Suffolk.	Bungay (Flix'n) ..	9 9 9	79	65·5	49·7	57·6	+0·5	71	1,12,19	38	26	–	–	3·05	77	–	25	24	18	14	0	0	0	4	0	0	–	–	–	–
	Copdock	9 9 9	164	66·5	49·4	57·9	+1·2	73	19	38	26	57·7	58·9	3·31	84	–	15	24	19	14	0	0	0	3	1	0	–	5·10	–0·02	40
	Felixstowe ..	18–7 7	15	65·3	53·4	59·3	+0·9	72	19	43	8	–	–	3·52	90	+48	31	1	16	9	0	0	0	4	0	0	2	5·41	–0·45	43
	Hartest	9 9 9	250	66·1	48·7	57·4	–	73	1	38	8,26	–	–	3·66	93	–	28	24	18	10	0	0	0	3	0	2	–	5·51	–	44
	Lowestoft ..	9 9 9	82	65·6	51·4	58·5	+1·0	71	13,19,27	38	26	59·3	59·9	3·59	91	+41	27	24	14	12	0	0	0	4	0	0	2	6·09	+0·39	48
Cambridge.	Cambridge ¶§ (Bot. Gdns.)	2121 9	41	65·8	48·9	57·3	+0·6	74	12	36	26	58·8	61·3	4·80	122	+81	45	24	19	15	0	0	1	4	1	0	1	4·78	–0·20	38
	(Univ. Farm) ..	9 9 9	78	66·4	48·9	57·7	–	74	12	37	26	–	–	4·56	116	–	46	24	19	15	0	0	0	1	0	1	1	4·63	–	36
Bedford.	Luton	9 9 9	381	64·6	49·0	56·8	+0·8	71	1,12	34	4,26	60·2	60·3	3·51	89	–	18	29	16	13	0	0	0	0	0	2	–	4·71	–0·29	37
	Woburn	9 9 9	291	64·2	48·6	56·4	+0·9	71	12	37	8,26	57·1	57·4	3·98	101	+56	16	24	17	15	0	0	1	3	0	0	–	5·06	+0·30	40
Hertford.	Rickmansworth	9 9 9	192	67·4	43·4	55·4	–	74	14	27	26	58·9	60·0	5·17	131	–	22	29	22	18	0	0	2	4	1	6	2	5·04	–	40S
	Rothamsted ¶§	9 9 9	420	63·5	49·3	56·4	+0·8	71	12	38	26	57·5	–	4·19	106	+57	17	30	18	12	0	0	0	1	0	0	3	4·99	–0·06	40
	St. Albans ..	9 9 9	272	65·4	49·0	57·2	–	72	12	34	26	59·6	–	4·59	117	+72	16	24	21	(17)	0	0	0	1	0	0	–	–	–	–
Essex.	Clacton-on-S. ¶§	9 9 9	53	65·3	53·6	59·5	+2·0	72	19	41	26	59·7	60·5	3·39	86	+41	16	1	19	13	0	0	0	3	0	0	–	5·46	–0·24	48
	Chelmsford ..	9 9 9	134	67·0	48·3	57·7	+1·2	73	12	34	26	–	–	3·16	80	+36	12	24	20	14	0	0	0	3	–	–	–	–	–	–
	Chelmsford (Agr. St.)	9 9 9	193	66·2	49·0	57·6	–	72	1,12	37	26	–	–	3·15	80	–	11	24	16	14	0	0	0	2	–	–	–	5·24	–	41
	Earls Colne ..	9 9 9	168	67·5	48·7	58·1	–	74	12	38	8	–	–	2·25	57	–	14	24	12	11	0	0	0	1	–	–	–	–	–	–
	Halstead ..	9 9 9	140	66·8	49·0	57·9	+1·0	73	12,19	35	26	–	–	3·10	79	–	16	29	15	12	0	0	0	1	0	–	–	–	–	–
	Shoeburyness‡ ..	18–7 7	11	66·3	53·1	59·7	+1·3	72	19	41	26	–	–	2·41	61	+23	11	5	15	13	0	0	0	3	0	0	1	5·65	+0·30	45
4. MIDLAND COUNTIES.																														
Yorks., W. Riding.	Askham Bryan ..	9 9 9		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Bingley	9 9 9	610	60·9	47·5	54·2	–	68	1	37	26	–	–	6·50	165	–	36	24	20	17	0	0	1	3	2	1	–	–	–	–
	Bradford ..	9 9 9	439	61·8	48·8	55·2	+0·9	68	1	37	26	55·2	57·4	6·11	155	+102	39	24	20	18	–	–	–	–	3	(0)	–	4·58	+0·61	36
	Doncaster ..	9 9 9		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Giggleswick ..	9 9 9	575	60·0	48·7	53·3	+0·2	70	19	32	26	–	–	8·98	229	–	41	21	22	21	0	0	0	3	0	–	0	3·79	–	30
	Harrogate ¶§	9 9 9	478	61·2	48·1	54·7	+0·6	67	1	39	8,26	55·5	56·4	5·75	146	+95	37	24	18	15	0	0	0	1	1	0	1	4·67	+0·17	37
	Huddersfield ..	2121 9	325	62·8	48·4	55·6	+0·9	69	1,12,13	34	8	55·9	57·4	5·61	143	+96	33	24	19	17	0	0	0	3	0	2	–	4·56	+0·83	36
	,, (Oakes)	9 9 9	761	61·2	47·9	54·5	–	68	1	39	8,26	53·9	54·1	6·16	157	+103	37	24	21	19	0	0	2	7	1	1	3	–	–	–
	Meltham .. **	9 9 9	514	61·3	47·9	54·6	+0·5	70	12	35	8	54·1	54·7	7·06	179	+108	45	24	21	20	0	0	1	3	0	0	–	–	–	–
	Pontefract ..	9 9 9	255	62·0	49·0	55·5	–	69	12	39	26	–	–	3·70	94	+56	26	24	16	12	–	–	–	–	0	0	–	–	–	–
	Sheffield	9 9 9	428	63·3	49·5	56·4	+0·8	69	12,13	38	8	55·8	56·4	4·11	104	+57	28	24	17	15	–	–	–	–	–	0	–	4·68	+0·59	37
	Wakefield ..	9 9 9	124	64·8	48·1	56·5	+0·9	71	13	35	8	55·9	56·5	3·61	92	+51	28	24	19	11	0	0	0	6	1	2	–	4·05	+0·20	32S
Derby.	Belper (School) ..	9 9 9	222	64·1	48·0	56·1	+1·2	70	12	37	8	–	–	4·59	117	+68	27	24	22	17	0	0	0	7	–	–	–	–	–	–
	Belper (Q. Bk.) ..	9 9 9	280	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Buxton	9 9 9	1007	59·1	46·7	52·9	+0·6	65	12	33	8	53·6	55·0	7·26	184	+102	40	16	20	19	0	0	0	2	3	1	–	4·39	+0·33	35
Nottingham.	Attenborough ..	18 7 7	89	65·0	48·1	56·5	–	73	12	33	8	–	–	4·45	113	–	35	24	23	11	0	0	1	8	3	2	–	–	–	–
	Mansfield ..	9 9 9	357	63·0	48·8	55·9	–	72	12	38	26	–	–	4·44	113	–	23	21	16	13	0	0	0	5	1	–	–	–	–	–
	Nottingham ¶§	9 9 9	192	64·1	49·7	56·9	+1·3	72	12	40	26	56·5	59·6	4·79	122	+80	38	24	20	12	–	–	–	–	0	0	–	4·51	+0·31	36
	Sutton Bon'gton	9 9 9	157	63·8	48·3	56·1	–	70	12	35	8,26	57·3	–	4·45	113	+75	28	24	18	14	0	0	1	4	0	0	–	4·70	–	37
	Worksop ..	9 9 9	56	65·3	48·1	56·7	+0·9	73	12	33	26	57·0	57·7	3·39	86	+47	29	24	14	11	0	0	0	4	–	2	3	4·43	–	35

† At Scarborough the earth thermometer is at a depth of 3 ft. ** At Meltham the earth thermometers are at depths of 1 ft. and 2 ft.

¶§ § *See* Notes on Tables on last page of this issue. ‡ New Site from 4th April, 1935.

TABLE III (*continued*).—SUMMARY of the RECORDS of TEMPERATURE, RAINFALL and SUNSHINE, and of WEATHER OBSERVATIONS, SEPTEMBER, 1935

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. in.	mm.	Difference from Average. mm.	Most in a day. Amount. mm.	Date.	WEATHER. Number of days. Precip'n. 0·2 mm. or more.	1 mm. or more.	Snow.	Snow lying.	Hail.	Thunderstorm.	Fog (Morn'g Obs.)	Ground Frost.	Gale.	BRIGHT SUNSHINE. Hours per day. Daily Mean.	Difference from Average.	Per Cent.
4. MID. COUNTIES—*cont.*		G.M.T.	ft.	°F.	°F.	°F.	°F.	°F.		°F.		°F.	°F.	in.	mm.	mm.	mm.												hr.	hr.	%
Leicester.	Belvoir Castle ..	2121 9	259	63·6	48·3	55·9	+0·8	72	12	33	8	58·5	59·0	4·23	107	+60	24	23	19	11	-	-	-	-	-	3	-	5·09	*+0·31*	40
North-ampton.	Oundle	9 9 9	147	65·1	47·9	56·5	*+0·9*	73	12	37	8,21,26	58·6	59·5	2·83	72	-	15	21	18	12	0	0	1	3	0	2	-	4·97	*+0·41*	39
	Raunds	9 9 9	213	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Roade	9 9 9	394	64·5	48·0	56·3	-	70	12	36	26	55·2	-	4·43	113	-	27	24	15	14	0	0	3	2	0	5	2	-	-	-
Warwick.	Birmingham ¶§	18–7 7	535	62·8	49·9	56·3	*+0·6*	69	27	41	26	54·2	55·3	3·77	96	+50	22	24	20	15	0	0	1	4	1	2	0	4·26	+0·16	38
	,, Sparkhill	713 7	425	64·5	48·0	56·3	*+0·7*	71	27	36	8	-	-	3·74	95	+47	23	24	18	15	0	0	0	3	1	4	-	-	-	-
	Coventry	9 9 9	241	64·5	48·3	56·4	+0·1	71	27	33	26	59·2	60·7	3·72	94	+48	20	24	18	15	0	0	0	4	0	0	-	4·57	*+0·28*	36S
	Rugby	2121 9	390	64·6	47·0	55·8	-	71	27	34	26	-	-	3·69	94	-	24	24	20	14	0	0	0	2	-	3	-	-	-	-
	Stratford-on-Avon	9 9 9	210	65·3	48·6	56·9	-	71	1	39	26	-	-	3·81	97	-	26	24	18	17	0	0	0	7	0	1	-	4·95	-	39
Oxford.	Oxford .. ¶§	9 9 9	208	65·7	50·3	58·0	+1·3	70	2,20,27	41	26	60·9	61·0	4·57	116	+73	18	3	21	17	0	0	0	2	0	0	2	4·82	-0·03	38
Bucks.	Mursley	9 9 9	490	63·6	48·9	56·3	-	70	12	38	26	56·4	-	4·67	119	+70	20	21	17	14	-	-	-	-	-	-	-	4·74	-	38
Stafford.	Mayfield	9 9 9	374	63·0	45·6	54·3	*+0·8*	67	2,13,27	33	8	-	-	4·82	122	+64	27	24	22	16	0	0	1	6	-	1	-	4·40	*+0·03*	35S
Shropshire.	Newport	9 9 9	211	63·7	48·0	55·9	-	69	13	36	26	-	-	2·96	75	+29	13	24	19	16	0	0	0	4	0	2	-	4·75	-	37
	Shrewsbury ..	9 9 9	184	64·0	48·7	56·3	*+1·0*	69	13,27	35	7	58·0	59·8	3·55	90	-	14	24	18	17	0	0	0	2	0	2	2	4·46	-	35
Worcester.	Malvern	9 9 9	380	64·2	51·0	57·6	*+0·9*	70	1	43	26	58·9	60·0	4·23	107	+58	26	21	21	19	0	0	0	4	0	0	-	4·90	*+0·08*	39
	Worcester (Perdiswell)	9 9 9	94	65·4	48·8	57·1	-	71	27	35	26	-	-	3·35	85	-	18	224	19	15	0	0	0	4	-	0	-	4·83	-	38
Hereford.	Bromyard ..	9 9 9	393	64·5	47·9	56·2	*+1·3*	70	27	33	26	57·8	58·5	3·41	87	-	18	24	23	16	0	0	0	3	0	0	-	-	-	-
	Hereford ..	9 9 9	292	64·0	48·7	56·3	+1·1	74	1	36	26	-	-	3·63	92	+45	16	16	21	20	0	0	0	6	0	0	1	-	-	-
	Ross-on-Wye ¶§	18–7 7	223	64·1	50·8	57·5	*+0·9*	71	1	37	26	59·0	59·8	3·77	96	+47	15	21	19	17	0	0	0	6	0	1	3	4·97	*+0·43*	39
Gloucester.	Bristol (Horfield)	18–7 7	206	64·4	51·5	57·9	-	69	1,13,27	40	26	60·4	60·8	7·71	196	-	43	21	23	20	0	0	6	4	0	0	1	-	-	-
	Cheltenham ..	2121 9	214	64·7	50·1	57·4	*+0·4*	69	1	39	26	60·3	63·2	3·72	95	+48	22	21	23	16	0	0	0	5	0	0	0	4·73	*+0·01*	37
	Cirencester ..	9 9 9	443	63·0	48·3	55·7	*+0·6*	69	1	35	26	-	-	5·53	141	-	34	21	23	20	0	0	1	4	0	1	-	5·03	-	40
	Parkend	9 9 9	325	63·5	48·2	55·9	-	70	1	33	26	57·7	58·2	5·61	143	-	35	21	22	20	0	0	0	11	1	1	-	5·00	-	40
5. ENGLAND, S.E.																														
London.	City, Bunhill — Row..	—	—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4·35	+0·12	35
	Camden Square ..	9 9 9	110	66·9	51·8	59·3	+0·5	75	12	41	26	59·1	59·1	3·02	77	+31	13	24	20	18	0	0	0	0	-	0	-	-	-	-
	East Ham ..	9 9 9	15	67·1	52·5	59·8	*+1·9*	74	12	42	26	-	-	2·52	64	+21	12	29	20	13	-	-	-	-	-	-	-	-	-	-
	Enfield	9 9 9	148	67·1	50·2	58·7	*+1·2*	73	12,14,19	38	26	-	59·3	3·33	85	+38	15	29	21	15	0	0	0	1	0	0	-	5·02	-	40
	*g*Greenwich ..	2424 9	149	68·2	49·7	58·9	+1·1	77	12	38	26	58·9	59·0	2·92	74	+29	15	29	19	13	0	0	0	1	0	1	1	5·14	+0·12	41
		21–9 –	—	68·2	50·9	59·5																								
	Hampstead ..	9 9 9	450	64·4	49·7	57·1	*+0·6*	71	12	40	26	-	-	3·55	90	-	15	29	21	19	0	0	0	1	-	1	-	4·74	*-0·28*	38
	Kensington ..	18–9 9	80	66·7	52·5	59·6	*+0·7*	72	12,27,28	40	26	60·5	60·7	2·90	74	+29	17	29	18	15	0	0	0	1	0	0	0	4·64	-	38
	Kingsway ..	—	—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4·58	-	36
	Regent's Park ..	9 9 9	129	66·4	51·8	59·1	-	74	12	40	26	-	-	2·82	72	-	13	29	19	15	0	0	0	1	5	0	-	4·56	*+0·59*	36
	Kew ¶§	242424	18	65·7	51·4	58·5	+1·2	71	1,12	39	26	59·9	60·1	2·55	65	+17	12	29	18	13	0	0	1	3	1	1	0	5·01	+0·18	40
	Observatory ..	18–7 –	—	65·8	52·6	59·2	*+0·9*																							
	Stroud Green ..	18 7 7	212	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Tottenham ††¶§	2121 9	51	67·1	52·5	59·8	*+1·7*	74	12	43	26	-	62·4	3·09	78	+35	14	29	17	15	0	0	0	1	-	0	-	4·94	*+0·08*	39
	Westminster ..	9 9 9	27	66·6	52·9	59·7	*+0·8*	73	12,19	41	26	-	-	2·65	67	+25	17	29	18	14	0	0	0	1	-	0	-	4·82	+0·32	38
Surrey.	Addington ..	9 9 9	472	65·0	51·2	58·1	+1·6	71	19	41	26	-	-	4·01	102	-	19	29	18	16	0	0	0	0	1	-	-	-	-	-
	Croydon	18–7 7	217	65·9	52·0	58·9	*+1·0*	72	12	40	26	-	-	3·51	89	+39	15	29	19	14	0	0	0	1	0	0	1	5·46	*+0·44*	43
	Wisley	9 9 9	150	66·2	50·0	58·1	*+1·2*	72	19,27	36	26	60·6	61·1	3·46	88	-	15	5	21	16	0	0	0	2	0	1	2	4·87	*-0·18*	39
Kent.	Biggin Hill ..	18–7 7	567	63·0	51·0	57·0	*+0·5*	69	12	41	8,26	-	-	4·32	110	+52	21	22	23	14	0	0	0	3	1	3	0	5·42	*+0·09*	43
	Bromley	9 9 9	213	66·6	51·0	58·8	-	73	12,19	38	26	-	-	2·87	73	+27	14	29	18	15	0	0	0	1	0	0	-	-	-	-
	Canterbury ..	9 9 9	124	66·7	50·8	58·7	*+0·5*	73	12	39	11	60·1	59·6	3·49	89	-	15	5	13	10	-	-	-	-	1	-	-	-	-	-
	Dover	9 9 9	22	65·6	54·7	60·1	*+1·9*	71	12	43	26	60·9	63·2	3·61	92	-	17	24	14	11	0	0	0	1	0	0	2	5·48	*-0·28*	44
	Dungeness ..	18–7 7	20	65·7	54·7	60·2	*+1·5*	71	12	38	26	-	-	3·50	89	+37	18	5	14	14	0	0	0	2	0	-	2	-	-	-
	East Malling ..	9 9 9	132	65·7	49·0	57·3	-	71	12	35	26	-	-	3·57	91	-	15	1,5	20	11	0	0	0	2	0	0	0	5·47	-	43
	Folkestone ..	9 9 9	101	65·0	54·0	59·5	*+0·6*	72	12	44	26	-	60·9	3·45	88	-	17	24	14	12	0	0	0	4	0	0	-	5·55	*-0·26*	44
	Goudhurst ..	9 9 9	290	64·7	49·4	57·1	-	70	12	35	26	-	-	5·12	130	-	21	24	20	16	0	0	1	3	0	1	-	-	-	-
	Lympne	18–7 7	346	63·6	51·5	57·5	*+0·6*	68	1,12,28	41	26	-	61·2	3·61	92	+34	21	5	20	14	0	0	0	4	4	0	2	5·30	*-0·31*	42
	Manston	18–7 7	142	65·3	51·6	58·5	-	71	28	42	26	-	-	3·16	79	-	16	4	15	12	0	0	0	3	0	0	1	5·95	-	47
	Margate .. ¶§	9 9 9	51	66·5	54·9	60·7	*+1·2*	72	12,28	46	26	61·3	62·6	2·57	65	+15	13	5	15	11	0	0	0	3	0	0	2	6·31	+0·35	50
	Tunbridge W. ..	9 9 9	355	65·5	50·4	57·9	*+0·8*	72	12	37	26	59·8	60·9	4·36	111	-	17	24	17	13	0	0	0	4	0	0	1	5·32	-0·08	42
	Wye	9 9 9	164	65·3	49·8	57·5	-	71	12	34	26	-	-	3·91	99	-	17	24	17	12	0	0	0	1	-	0	0	5·34	-	42
Sussex.	Ardingly ..	9 9 9	437	64·3	50·6	57·5	*+1·0*	69	12	38	26	-	-	5·52	140	-	21	29	20	17	0	0	0	2	-	0	-	-	-	-
	Beachy Head ..	18–7 7	502	62·5	51·4	56·9	-	67	1,21	42	23	-	-	6·29	160	-	22	15	19	15	0	0	0	2	7	-	-	-	-	-
	Brighton ..	9 9 9	32	64·7	55·2	59·9	*+1·2*	69	21	44	26	-	62·7	7·26	184	+131	25	1	19	17	0	0	1	2	0	0	2	5·19	-0·59	41
	Eastbourne ..	2121 9	35	64·5	54·6	59·5	+1·2	68	28	44	26	61·5	62·0	5·93	151	+87	21	5	19	15	0	0	0	2	0	0	-	5·11	-0·80	41
	Hastings ‡ ¶§	2121 9	149	64·5	53·9	59·2	*+0·7*	69	22	45	26	61·9	61·0	5·35	136	+77	18	4	18	14	0	0	0	1	0	0	2	5·16	-0·74	41
Berkshire.	Ascot H'therw'd	2121 9	320	65·4	49·0	57·2	-	72	12,27	38	26	-	-	3·24	82	-	17	29	19	14	0	0	1	2	0	1	-	5·18	-	41
	Reading	9 9 9	152	67·0	50·8	58·9	*+2·2*	73	27	38	26	59·9	61·3	3·82	97	-	16	3	22	16	0	0	1	1	-	0	2	-	-	-
	Shinfield	9 9 9	200	66·7	49·7	58·2	*+1·5*	72	14	35	26	-	-	3·37	86	-	14	28	19	16	0	0	0	1	-	-	-	-	-	-
	Warfield	9 9 9	220	65·8	48·6	57·3	-	72	12,27	36	26	59·8	-	4·34	110	-	19	3	23	17	0	0	0	0	5	1	-	5·12	-	41
Hampshire.	Bournemouth ..	9 9 9	139	65·0	53·1	59·1	*+1·4*	68	5,12,14	41	26	61·2	61·0	3·70	94	+35	12	4,18	22	18	0	0	0	0	0	-	-	5·07	*-0·49*	40
	Calshot	18–7 7	8	65·1	54·9	60·0	*+1·1*	68	2,12,28	42	26	-	-	4·33	110	+56	18	4	19	16	0	0	1	2	0	0	3	5·39	*-0·36*	43
	Long Sutton ..	9 9 9	479	64·3	49·7	57·0	-	71	27	39	26	60·2	-	4·81	122	-	20	16	22	20	0	0	0	1	0	0	-	5·19	-	41
	Southamp'n ¶§	2121 9	64	65·2	53·2	59·2	+1·1	68	1,27,28	(41)	26	-	-	3·94	100	+45	15	16	25	20	0	0	0	0	0	0	2	5·04	-0·43	40
	S. Farnboro' ..	18–7 7	237	67·1	50·1	58·6	*+1·7*	73	12,27	32	26	-	-	3·85	98	+49	23	29	21	17	0	0	0	1	1	2	1	5·33	*+0·12*	42

†† Tottenham is used as a "district value" station for England, E., and not for England, S.E.

g Temperature from thermometers on a Glaisher stand.

‡ New Site from August 1st, 1935.

¶§ See Notes on Tables on last page of this issue.

TABLE III (*continued*).—SUMMARY of the RECORDS of TEMPERATURE, RAINFALL and SUNSHINE, and of WEATHER OBSERVATIONS, SEPTEMBER, 1935

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.		Difference from Average.	Most in a day. Amount.	Date.	WEATHER. Number of days. Precip'n. 0·2 mm. or more.	1 mm. or more.	Snow.	Snow lying.	Hail.	Thunderstorm.	Fog (Morn'g Obs.)	Ground Frost.	Gale.	BRIGHT SUNSHINE. Hours per day. Daily Mean.	Difference from Average.	Per Cent.
5. ENGLAND, S.E.—*cont.*		G.M.T.	ft.	°F.	°F.	°F.	°F.	°F.		°F.		°F.	°F.	in.	mm.	mm.	mm.											hr.	hr.	%
I. of Wight.	Newport	9 9 9	48	66·3	52·8	59·5	–	71	28	37	26	–	–	5·08	129	–	25	24	22	18	0	0	0	1	0	0	–	–	–	–
	Ryde	9 9 9	13	64·8	54·8	59·8	*+1·0*	69	3,5	43	26	–	–	4·25	108	–	18	24	22	18	0	0	0	0	0	–	–	5·30	*–0·05*	42
	Sandown ..	9 9 9	13	65·0	55·8	60·4	*+1·5*	68	1,4,5	44	26	–	–	3·92	100	–	14	24	23	19	0	0	0	0	0	–	–	6·29	*+0·51*	50
	Totland Bay ..	9 9 9	140	64·6	54·4	59·5	+1·4	74	2	42	26	–	–	3·75	95	+38	16	24	22	16	0	0	0	1	0	0	6	5·63	*+0·11*	45
	Ventnor (Hospital)	9 9 9	59	64·7	56·3	60·5	+1·2	68	1,21,28	48	26	–	–	4·18	106	+43	21	4	22	18	0	0	0	0	–	–	3	5·47	–0·27	43
Wilts.	Amesbury (Boscombe Down)	18–7 7	417	64·1	50·3	57·2	–	70	20	37	26	–	–	4·22	107	–	19	16	23	18	0	0	2	1	1	0	3	4·76	–	38
	Larkhill	9 9 9	440	64·2	50·0	57·1	*+0·8*	69	1,20,27	37	26	–	–	3·90	99	+56	15	16	23	20	0	0	0	1	0	1	3	–	–	–
	Marlboro' ‖ ¶§	9 9 9	424	64·5	47·9	56·2	+1·5	70	27	32	26	57·7	57·4	6·59	167	+114	40	3	23	21	0	0	1	2	0	1	1	5·04	+0·33	40
	Porton	9 9 9	363	65·1	49·4	57·3	*+1·5*	71	27	34	26	58·1	–	3·62	92	+48	14	16	21	19	0	0	0	1	0	1	2	5·23	–	42
7a. ENGLAND, N.W.																														
Cumberland.	Keswick	9 9 9	254	60·4	47·0	53·7	*–0·4*	67	13	36	7,26	56·0	57·1	9·05	230	+123	34	1	22	21	0	0	1	1	0	1	0	3·25	*–0·55*	26
	Newton Rigg ¶§	2121 9	560	59·4	44·9	52·1	–0·6	66	12	32	26	–	–	5·68	144	+75	20	21	22	19	0	0	0	1	1	6	3	3·79	–0·38	30
Westmorland.	Ambleside ..	9 9 9	145	60·8	46·8	53·8	–	71	7	38	21	–	–	12·09	307	–	43	18	24	23	0	0	0	1	0	–	–	2·44	–	19
	Appleby	9 9 9	440	60·2	45·2	52·7	*+0·1*	66	1,11,12	31	26	–	–	6·07	154	+90	31	21	21	18	0	0	0	2	–	–	–	–	–	–
Lancashire.	Bolton	9 9 9	342	62·2	49·4	55·8	+0·7	67	12,13	41	25	56·8	57·1	7·28	185	+95	23	16	23	21	0	0	0	1	–	0	–	3·37	+0·12	27S
	Burnley	9 9 9	458	60·7	48·2	54·5	*+1·0*	68	12	35	26	56·2	56·9	7·39	188	–	29	21	22	18	0	0	0	2	0	0	–	3·74	*+0·13*	29
	Darwen	2121 9	724	61·0	47·9	54·5	*+0·9*	68	12	40	25,26	56·0	56·1	9·26	235	+138	34	24	22	20	0	0	1	6	1	2	–	3·51	*–0·20*	28S
	Hutton	9 9 9	82	62·1	49·1	55·6	*+0·6*	68	11,12,13	38	26	56·6	57·5	7·23	184	–	41	21	20	19	0	0	0	6	0	0	0	3·62	*–0·57*	29
	Lancaster ..	9 9 9	312	61·4	50·4	55·9	*+0·6*	69	11,12	40	25	53·9	56·0	9·01	229	+143	52	21	20	19	0	0	1	4	0	0	–	3·78	*–0·53*	30
	Leyland	9 9 9	125	62·5	49·0	55·7	*+1·1*	68	12,13	39	25	–	–	8·33	217	+142	37	21	22	20	0	0	2	5	0	0	–	3·77	*–0·45*	30
	Manchester (Barton) ..	18–7 7	70	63·5	48·6	56·1	–	70	12	35	26	–	–	6·28	159	–	29	24	21	18	0	0	0	5	5	2	3	4·02	–	32
	(Oldham Road)	2121 9	191	63·1	51·9	57·5	+0·8	69	13	44	25,26	58·3	60·7	5·63	143	+76	27	24	22	20	0	–	0	2	–	0	–	3·00	*–0·40*	24S
	(Whitworth Pk.)	2121 9	125	62·9	49·9	56·4	+0·3	69	12,13	41	26	–	–	5·23	133	+73	28	24	21	20	–	–	–	–	4	0	–	3·23	*–0·22*	25
	Southport (Bedford Rd. Pk.) ¶§	9 9 9	35	62·9	51·1	57·0	+1·3	70	12	40	8	56·7	57·6	6·78	172	+102	34	21	21	16	0	0	2	4	0	0	5	4·07	–0·59	32
	Stonyhurst ¶§	9 9 9	377	60·1	49·0	54·5	+0·2	66	12	38	26	–	–	8·76	223	+126	52	21	22	18	0	0	2	5	1	0	0	3·85	–0·31	30
Cheshire.	Bidston Obs'y. ..	2121 9	198	60·8	51·0	55·9	+0·1	67	11,12	46	8,26	–	–	4·82	123	+62	24	21	19	17	0	0	0	4	0	0	2	4·29	*–0·07*	34
	Hoylake	9 9 9	23	62·9	51·0	56·9	+0·5	68	11,12	39	8	–	–	5·67	144	+82	37	21	20	16	0	0	0	2	–	0	–	4·57	–0·08	36
	Macclesfield ..	9 9 9	500	62·2	49·3	55·7	+1·3	69	1,12	40	25,26	–	–	6·20	157	+93	29	24	21	19	0	0	0	3	0	–	–	–	–	–
	West Kirby ..	9 9 9	25	63·9	51·7	57·8	–	69	11,12	45	8	–	–	5·66	144	+85	39	21	18	17	0	0	2	4	0	0	–	4·49	–	35
7b. NORTH WALES.																														
Flint.	Hawarden B'dge	9 9 9	17	64·4	50·3	57·3	+0·8	70	12	42	8	–	–	4·94	125	–	19	26	20	17	0	0	0	2	0	–	–	–	–	–
	Rhyl	9 9 9	31	63·5	51·3	57·4	*+1·2*	70	12	42	26	–	–	5·28	134	+81	34	21	18	17	0	0	0	1	0	0	1	4·92	*+0·03*	39
	Sealand .. ¶§	18–7 7	16	63·9	49·1	56·5	*+0·8*	71	12	37	8	57·4	57·5	4·64	118	+66	20	24	20	17	0	0	0	2	0	0	0	4·37	*+0·24*	34
Anglesey.	Holyhead ¶§	18–7 7	26	61·7	53·4	57·5	*+1·6*	68	9	47	7,26	–	–	6·00	152	+84	23	21	18	17	0	0	0	1	0	0	1	4·82	*+0·16*	38
Denbigh.	Colwyn Bay ..	9 9 9	118	63·5	52·1	57·8	*+0·9*	69	12	43	7	–	–	4·43	113	+53	29	21	19	14	0	0	0	0	0	–	–	4·40	*–0·17*	34
Carnarvon.	Aber	9 9 9	60	62·3	52·2	57·3	–	69	12	46	7	–	–	7·46	189	–	31	21	22	18	0	0	1	2	–	0	0	4·29	–	34
	Llandudno ..	9 9 9	13	62·9	52·6	57·7	*+0·6*	70	12	44	7	–	–	4·65	118	+64	28	21	19	15	0	0	0	1	0	0	0	4·70	–0·04	36
Montgomery.	Welshpool ..	9 9 9	254	63·5	47·2	55·3	*+0·2*	70	3,12	36	7	–	–	5·26	134	+84	26	27	19	17	0	0	0	0	0	–	–	–	–	–
8a. SOUTH WALES.																														
Cardigan.	Aberystwyth ..	9 9 9	12	62·3	52·8	57·5	*+0·4*	69	1	44	7	–	–	5·89	150	–	19	24	22	17	0	0	1	1	0	–	–	4·49	*–0·39*	35
	,, P.B.S. †	9 9 9	452	60·9	51·0	55·9	–	67	1	42	7	–	–	7·39	188	–	29	24	24	19	0	0	0	1	0	0	3	4·12	–	32
Pembroke.	Haverfordwest ..	2121 9	250	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	St. Ann's Hd. ¶§	18–7 7	142	60·7	53·9	57·3	*+0·4*	64	1,3,8	47	7	–	–	5·10	130	+61	24	27	24	21	0	0	0	1	0	–	5	3·62	–1·20	29
Radnor.	Rhayader ¶§	9 9 9	757	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Brecknock.	Cantref	9 9 9	1080	59·0	47·1	53·1	–	63	3,8,12	39	26	–	–	8·90	226	–	34	18	24	22	0	0	0	3	0	–	–	3·81	–	30
Glamorgan.	Cardiff	2121 9	202	62·8	50·6	56·7	*+0·4*	69	12	43	7,26	59·1	59·4	8·48	215	+137	33	21	24	22	0	0	0	1	0	0	2	4·60	*–0·31*	37
	Swansea	9 9 9	32	63·3	53·1	58·2	*–0·2*	66	1,12,15	42	17	60·9	61·5	7·33	186	–	25	18	24	23	0	0	0	1	0	0	–	4·19	*–0·52*	33
8b. ENGLAND, S.W.																														
Monmouth.	Newport	9 9 9	265	63·4	50·1	56·7	*–0·6*	69	1	40	26	59·4	59·6	9·47	241	–	41	18	24	24	–	–	–	–	0	–	–	4·63	–	37
	Usk	9 9 9	70	64·8	47·8	56·2	–	69	1	35	26,28	60·5	–	5·15	131	–	23	22	22	18	0	0	0	2	0	0	1	3·75	–	30
Somerset.	Bath .. .. ¶§	9 9 9	67	65·3	51·7	58·5	*+1·6*	70	1,12,21	36	26	60·9	61·4	5·25	133	+80	30	3	23	20	0	0	0	3	0	–	2	4·49	*–0·39*	36
	Cannington ..	9 9 9	95	65·2	51·3	58·3	–	70	1,14	38	26	–	–	3·53	90	–	17	3	22	19	0	0	0	4	0	0	1	5·06	–	40
	Long Ashton ..	9 9 9	162	63·5	50·2	56·9	*–0·2*	70	1	38	26	–	–	7·88	200	+139	33	30	24	21	0	0	1	1	0	1	0	4·61	*–0·43*	37
Dorset.	Holton Heath ..	9 9 9	64	65·2	52·6	58·9	*+1·8*	68	4,20	37	26	61·7	63·1	3·85	98	–	15	18	21	17	0	0	0	0	0	0	1	4·94	*–0·09*	39
	Portland Bill ..	18–7 7	32	62·6	55·6	59·1	*–0·4*	65	1,3,21	49	26	–	–	2·84	72	+24	9	24	20	20	0	0	0	0	0	–	1	–	–	–
	Shaftesbury ..	9 9 9	722	62·5	50·8	56·7	+0·4	68	27	43	26	–	–	3·45	88	+26	18	3	20	19	0	0	0	0	–	–	–	–	–	–
Devon.	Arlington ..	9 9 9	613	62·3	50·4	56·3	+0·8	67	12	39	26	–	–	8·81	224	+121	21	18	25	23	0	0	1	3	–	0	–	–	–	–
	Cullompton ¶§	9 9 9	202	65·8	50·8	58·2	+1·4	71	14,20	36	26	59·5	–	4·18	106	+49	22	16	24	21	0	0	0	0	1	1	–	4·92	–0·29	39
	Ilfracombe ..	9 9 9	25	63·3	55·3	59·3	*+0·4*	70	1,12	50	17,26	60·2	61·0	5·79	147	+81	17	23	23	22	0	0	0	0	0	0	–	4·20	*–0·64*	33

† Plant Breeding Station. ¶§ *See* Notes on Tables on last page of this issue. ‖ On and after April 14th, observations were taken one hour earlier than the times shown.

TABLE III (*continued*).—SUMMARY of the RECORDS of TEMPERATURE, RAINFALL and SUNSHINE, and of WEATHER OBSERVATIONS, SEPTEMBER, 1935

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. in.	mm.	Difference from Average. mm.	Most in a day. Amount. mm.	Date.	WEATHER. Number of days. Precip'n. 0·2 mm. or more.	1 mm. or more.	Snow.	Snow lying.	Hail.	Thunderstorm.	Fog (Morn'g Obs.)	Ground Frost.	Gale.	BRIGHT SUNSHINE. Hours per day. Daily Mean.	Difference from Average.	Per Cent.
	G.M.T.	ft.	°F.	°F.	°F.	°F.	°F.		°F.		°F.	°F.																hr.	hr.	%
8b. ENGLAND, S.W.—*cont.*																														
Devon.—*cont.* Killerton	9 9 9	159	65·5	50·5	58·0	*+1·1*	71	27	38	26	–	–	3·75	95	–	22	16	23	20	–	–	–	–	0	0	–	–	–	–
Newton Abbot	9 9 9	375	64·7	51·4	58·1	–	69	1,6,7	41	26	–	–	3·50	89	+34	12	18	24	20	0	0	0	0	1	0	–	4·65	–	37
Paignton	9 9 9	12	65·2	53·8	59·5	*+1·3*	69	20	43	26	–	–	4·22	107	–	17	18	25	19	0	0	0	0	1	0	–	4·76	*–0·49*	38
Plymouth (Hoe)	2121 9	117	64·2	54·3	59·3	*+1·3*	69	21	43	26	61·0	60·4	4·19	106	+41	12	26	20	18	0	0	0	0	1	0	3	5·00	–0·31	40
Plymouth (Mount Batten)	18–7 7	82	63·3	54·7	59·0	*+1·1*	69	21	43	26	–	–	3·47	88	–	12	1	23	18	0	0	0	1	0	0	5	4·95	*–0·25*	39
Princetown	9 9 9	1430	59·8	48·0	53·9	*+0·6*	65	6	42	27	–	–	10·69	271	+141	30	18	23	23	0	0	0	0	10	0	–	–	–	–
Salcombe	9 9 9	39	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Sidmouth	9 9 9	25	65·4	53·5	59·5	*+2·4*	71	20	42	7,26	–	–	2·86	73	–	12	16	26	20	0	0	0	2	0	(0)	–	4·80	–	38
Tavistock	9 9 9	457	62·7	51·2	56·9	*+0·6*	68	20	38	26	–	59·4	6·39	162	+84	15	2	23	22	0	0	0	0	2	1	2	–	–	–
Teignmouth	9 9 9	20	65·2	54·6	59·9	*+1·5*	69	20	43	26	–	–	2·61	66	+16	15	16	24	16	0	0	0	1	0	1	–	5·06	*–0·32*	40
Torquay	9 9 9	27	64·8	54·2	59·5	*+0·6*	69	20	43	26	–	61·8	3·94	100	+48	14	18	23	18	0	0	0	0	1	0	1	4·93	–0·60	39
Woolacombe	9 9 9	60	62·6	54·8	58·7	+0·2	68	12,21	48	26	–	–	4·12	105	+43	11	23	20	17	0	0	0	1	0	0	–	–	–	–
Cornwall. Falmouth Obs. ¶§	9 9 9	167	63·4	54·3	58·9	*+1·2*	67	4	45	26	60·0	62·1	3·64	93	+19	10	11	23	19	0	0	0	0	1	0	–	4·75	–0·59	38
Fowey	9 9 9	51	64·3	54·2	59·3	*+0·9*	68	4, 6,19	42	26	–	–	3·15	80	–	8	27	22	21	0	0	0	0	1	1	–	4·79	*–0·44*	38
Gulval	9 9 9	20	63·5	50·7	57·1	–	67	6	40	26	–	–	3·89	99	–	12	14	23	19	0	0	0	0	–	0	–	4·54	–	36
The Lizard	18–7 7	240	62·1	54·3	58·2	–	65	2,4,14	49	17,26,29	–	–	2·81	71	–	9	11	23	21	0	0	0	0	4	–	4	–	–	–
Newquay	9 9 9	190	62·8	54·2	58·5	*+0·8*	67	13	42	26	59·6	59·7	2·85	73	+ 5	8	14	23	21	0	0	0	0	0	2	2	4·54	–0·70	36
Redruth	9 9 9	397	62·9	52·4	57·7	*+1·0*	67	2,3,13	43	26	–	–	4·66	118	+39	22	14	22	19	0	0	0	0	2	0	3	–	–	–
9. IRELAND, N.																														
Sligo. Markree Cas. ¶§	2121 9	122	61·3	46·8	54·1	+0·2	68	10	34	25	58·1	57·0	6·20	157	+72	41	1	26	22	0	0	0	1	0	–	0	3·62	–0·04	29
Mayo. Blacksod Pt. ¶	18–7 7	18	59·7	52·7	56·2	–	65	7	47	22,26,30	–	–	5·68	144	+45	26	18	22	19	0	0	0	3	0	–	0	–	–	–
Mallaranny §	9 9 9	113	60·5	50·7	55·6	*+0·9*	68	11	45	6,25	–	–	7·83	194	–	24	18	25	25	–	–	–	–	0	–	–	3·88	*+0·06*	31
Donegal. Malin Head ¶§	18–7 7	84	59·2	50·3	54·7	*+0·6*	66	9	43	26	–	–	5·22	133	+66	16	16	22	19	0	0	0	0	0	–	1	3·89	*–0·05*	31
Antrim. Aldergrove ..	18–7 7	238	60·0	48·3	54·1	–	66	14	33	25	–	–	3·28	83	+20	12	16	20	16	0	0	0	0	0	1	0	3·85	–	30
Down. Donaghadee ..	7 7 7	40	59·8	–	–	–	66	13	–	–	–	–	4·05	103	+42	24	16	23	16	0	0	0	1	0	–	0	–	–	–
Hillsborough ..	9 9 9	388	59·1	47·5	53·3	–	64	13	38	25	56·0	–	4·94	125	–	29	16	23	19	0	0	0	0	0	1	0	4·17	–	33
Armagh. Armagh .. ¶§	2121 9	204	60·8	47·5	54·1	–0·1	66	10,12,13	38	25	56·3	56·6	3·78	96	+34	20	16	22	17	0	0	0	0	0	0	0	3·67	–0·30	29
Longford. Newtownforbes ..	2121 9	154	60·6	46·7	53·7	*+0·1*	66	12,13	37	25	55·1	56·5	8·26	210	+137	50	16	23	23	0	0	0	0	–	–	–	–	–	–
10. IRELAND, S.																														
Dublin. Balbriggan	9 9 9	203	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Dublin City .. ¶	2121 9	54	61·8	51·6	56·7	+0·8	68	12,13	43	25	–	–	3·54	90	+41	15	26	23	18	0	0	1	0	0	0	1	–	–	–
,, Glasnevin ..	2121 9	55	62·7	48·4	55·5	+0·6	69	13	35	29	–	–	3·81	97	+46	15	1	22	17	0	0	0	1	0	0	0	–	–	–
,, Phœnix Pk. §	2121 9	155	62·1	48·5	55·3	*+1·4*	68	12,13	38	25	–	–	3·93	100	+51	16	1	23	16	0	0	1	0	1	2	–	4·14	–0·29	33
,, Trin. Coll. ..	2121 9	13	63·2	51·0	57·1	*+1·2*	70	12,13,14	42	25	57·5	58·3	3·50	89	+42	13	1	20	17	0	0	0	1	–	0	0	–	–	–
Hazelhatch .. .. (Peamount San.)	9 9 9	366	62·1	48·1	55·1	–	68	11	38	25	56·0	58·0	3·93	100	–	10	27	22	18	–	–	–	–	1	–	–	4·36	–	34
Rathfarnham ..	9 9 9	169	62·4	49·1	55·7	–	67	12,13	39	29	56·8	–	3·84	97	–	19	1	24	19	0	0	0	1	0	0	–	3·74	–	29
Wicklow. Newcastle ..	2121 9	256	61·9	48·2	55·1	*+0·1*	68	3	41	25	–	–	3·88	99	–	25	16	21	15	0	0	0	0	0	–	–	–	–	–
Offaly. Birr Castle ¶§	18–7 7	173	61·1	49·1	55·1	*+0·5*	67	7,9	39	25	57·4	57·8	5·87	144	+86	29	1	26	20	0	0	1	0	1	2	0	3·37	–0·61	27
Leix. Mountmellick ..	9 9 9	245	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Waterford. Seskin, Carrick-on-Suir	2121 9	535	60·6	48·8	54·7	*0·0*	66	13	42	29	–	–	7·83	199	–	34	11	27	25	0	0	0	1	0	0	4	3·78	*–0·72*	30
Waterford ¶	9 9 9	137	61·8	50·3	56·1	*+0·2*	66	6	40	29	–	–	6·74	171	+102	27	11	26	23	0	0	0	1	5	–	3	–	–	–
Limerick. Foynes	9 9 9	43	62·1	50·3	56·2	+0·3	70	9	44	30	–	–	6·13	156	+83	28	1	26	19	–	–	–	–	–	–	–	–	–	–
Kerry. Valentia Obs. ¶§	242424	30	61·0	53·3	57·1	+0·8	65	7	45	29	59·0	58·6	6·13	156	+51	19	16	26	25	0	0	2	0	0	0	3	3·15	–0·99	25
	18–7 –	—	61·3	52·9	57·1	*+0·8*																								
Cork. Ballinacurra §	9 9 9	24	62·1	50·4	56·3	*+0·4*	68	9	37	29	–	–	7·19	183	+119	38	16	26	22	0	0	1	1	–	–	–	3·52	*–1·00*	28
Cork	9 9 9	57	63·0	51·4	57·2	–	70	9	40	31	–	–	6·80	173	+105	37	1	26	22	0	0	1	1	0	0	–	3·40	–	27
Roche's Pt. ¶	18–7 7	22	61·4	53·0	57·2	*+0·7*	65	2,9,13	44	29	–	–	7·49	190	+115	38	16	26	24	0	0	1	1	0	–	2	–	–	–
11. CHANNEL ISLES AND SCILLY.																														
Scilly. St. Mary's ¶§	18–7 7	163	62·8	55·0	58·9	*+0·5*	67	13	50	26,29	–	–	2·80	71	+ 9	12	1	22	16	0	0	0	0	2	–	2	4·87	–0·51	39
Guernsey. St. Peter Port ¶§	18–7 7	175	65·1	56·4	60·7	*+1·4*	71	1	47	26	62·6	62·5	3·20	81	+15	10	16	22	18	0	0	0	1	0	0	1	5·56	*–0·59*	44
Jersey. St. Heliers ¶§	9 9 9	28	65·9	57·6	61·7	*+1·2*	75	21	50	24	–	–	2·91	74	+13	12	3	21	16	0	0	0	2	0	–	–	5·65	–0·43	45
GIBRALTAR	18–7 7	102	81·2	66·7	73·9	*+1·0*	94	9	61	4	–	–	0·85	22	–13	19	29	3	2	0	0	0	0	0	–	0	–	–	–
MALTA	18–7 7	231	80·4	71·8	76·1	*–0·2*	87	5,6	63	21	–	–	0·63	16	–14	10	20	3	3	0	0	0	0	0	–	0	9·69	–	78

¶§ § *See* Notes on Tables on last page of this issue.

TABLE III (*a*).—RIVER TEMPERATURE

Place.	River.	Hour.	Highest.	Lowest.	Mean.	Difference from Average.
			°F.	°F.	°F.	°F.
Belper	Derwent	9	–	–	–	–
Attenborough	Trent	7	62·0	55·0	59·3	–
	,,	18	63·0	56·0	60·0	–

TABLE III (*b*).—SKY OBSERVATIONS, SEPTEMBER, 1935

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	30 nights
Average exposure (hours)	9·49	8·31
Polaris unobscured (per cent.)	62	57
δ Ursæ Minoris (ditto)	56	47

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

TABLE III (*c*).—SOLAR RADIATION.

DIRECT SOLAR RADIATION KEW OBSERVATORY.	Cal./cm.²/diem.
Max.	560
Mean	192

TABLE IV.—SUMMARY of the OBSERVATIONS of PRESSURE, TEMPERATURE, HUMIDITY, CLOUD, VISIBILITY and WIND at fixed hours at certain Stations during the month of SEPTEMBER, 1935

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 Averages.	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.	4 to 7	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	160	1003·6	-	50·8	1·3	11·5	91	7·3	0	4	6	13	7	0	0	*0*	0	0	0	4	*7*	17	*2*	0	14	14	2	6	2	1	2	8	3	1	5
Shetlands. Lerwick	7	160	1003·0	-9·1	50·9	1·1	11·7	92	8·3	0	1	3	16	10	0	0	*0*	0	0	2	3	*11*	14	*0*	0	14	16	0	7	2	1	2	8	4	2	4
	13	160	1003·3	-	53·0	2·3	11·6	84	8·2	0	0	5	19	6	0	0	*0*	0	0	1	3	*8*	17	*1*	0	14	18	0	8	2	2	1	6	5	3	3
	18	160	1003·4	-	51·3	1·6	11·3	89	7·8	0	2	4	16	8	0	0	*0*	0	0	1	5	*6*	17	*1*	0	14	16	0	8	2	3	1	6	5	3	2
	9	165	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Orkneys. Deerness	21	165	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1	83	1003·0	-	51·5	1·7	11·2	88	7·1	0	2	10	9	9	*0*	0	0	0	0	1	6	13	9	1	3	4	22	1	3	1	0	4	5	10	3	3
	7	83	1002·6	-10·1	51·5	1·8	11·1	87	7·8	0	1	5	20	4	*0*	0	0	0	0	1	4	9	11	5	0	8	22	0	4	2	0	3	6	8	3	4
Hebrides. Stornoway ..	13	83	1002·7	-	55·8	3·6	11·8	77	8·0	0	0	4	21	5	*0*	0	0	0	0	1	4	6	14	5	1	10	19	0	4	2	1	4	8	6	3	2
	18	83	1002·5	-	53·8	2·6	11·8	83	8·3	0	1	1	22	6	*0*	0	0	0	0	1	3	6	15	5	2	8	19	1	3	4	0	0	7	9	2	4
	1	79	1003·6	-	50·5	1·3	11·5	91	7·7	0	2	7	14	7	0	0	0	*0*	0	*0*	*0*	*4*	*26*	*0*	0	6	24	0	0	0	2	1	5	9	5	8
Caithness. Wick	7	79	1002·9	-10·2	50·3	1·4	11·0	90	7·8	0	2	7	13	8	0	0	0	*0*	0	*0*	*0*	*3*	*27*	*0*	0	5	25	0	0	2	0	1	7	9	4	7
	13	79	1003·4	-	54·6	2·6	12·3	83	8·5	0	0	5	17	8	0	0	0	*0*	0	*0*	*1*	*4*	*24*	*1*	0	10	19	1	3	1	2	4	6	4	4	5
	18	79	1003·1	-	53·1	2·4	11·5	883	8·1	0	1	3	20	6	0	0	0	*0*	0	*0*	*1*	*5*	*24*	*0*	0	5	24	1	2	2	1	5	3	5	4	7
	7	1180	961·9	-	45·7	1·4	9·4	89	9·0	0	0	3	10	17	0	0	0	0	0	1	3	18	8	*0*	0	8	18	4	1	4	0	1	9	9	1	1
Inverness. Dalwhinnie † ..	13	1180	962·3	-	52·0	3·5	10·1	76	9·1	0	0	2	9	19	0	0	0	0	0	0	3	16	11	*0*	1	11	17	1	3	2	0	2	4	14	2	2
	18	1180	962·4	-	49·7	2·7	9·9	81	8·7	0	2	1	8	19	0	0	0	0	0	0	3	16	11	*0*	0	8	20	2	2	3	0	1	7	13	0	2
	9	250	1003·8	-	51·7	2·3	11·1	84	6·1	0	2	15	7	6	*0*	*0*	*1*	*0*	*0*	*2*	4	*1*	9	13	0	12	11	7	0	0	0	3	11	8	1	0
Inverness. Inverness	17	250	1003·4	-	54·4	3·8	10·9	76	5·8	1	4	13	9	3	*0*	*0*	*0*	*0*	*0*	*1*	2	*1*	11	15	0	11	17	2	0	0	2	2	16	4	3	1
1. SCOTLAND, E.																																		
	7	85	1004·3	-10·0	50·7	2·4	10·4	84	6·3	0	10	3	13	4	0	0	0	0	1	3	6	*4*	16	*0*	0	6	23	1	1	0	1	1	5	10	5	6
	13	85	1004·5	-9·8	56·9	5·1	10·9	69	7·7	0	1	8	12	9	0	0	0	0	0	1	5	*4*	17	*3*	0	17	13	0	2	1	1	4	7	5	5	5
Aberdeen. Aberdeen H	18	85	1004·7	-9·7	54·7	3·8	10·9	76	7·0	0	4	7	14	5	0	0	0	0	0	2	6	*2*	18	*2*	0	4	26	0	2	1	1	1	9	5	5	8
	21	85	1005·1	-9·7	51·5	2·7	10·5	81	5·9	4	8	1	7	10	0	0	0	0	0	0	7	*7*	15	*1*	0	3	26	1	0	0	0	1	8	8	6	6
	h.*	85	1004·8	-9·9	53·1	3·4	10·8	78																											
Aberdeen. Braemar‡	9	1108	1004·8	-	49·4	3·0	9·2	78	8·4	1	1	3	7	18	*0*	*0*	*0*	*0*	*0*	*0*	*8*	*19*	*3*	*0*	0	6	15	9	3	0	0	0	0	11	4	3
Perth. Crieff	9	482	1004·8	-	52·8	3·4	10·6	77	7·7	0	2	9	7	12	-	-	-	-	-	-	-	-	-	-	0	15	15	0	3	0	5	0	5	2	14	1
	21	482	1005·5	-	50·0	2·6	10·0	81	6·8	1	7	3	5	14	-	-	-	-	-	-	-	-	-	-	0	3	27	0	2	0	2	0	2	4	15	5
	1	184	1006·1	-	52·5	1·5	12·3	90	5·7	0	10	8	5	7	0	0	0	0	*0*	0	0	7	*21*	*2*	1	10	19	0	1	2	3	4	3	14	3	0
Fife. Inchkeith	7	184	1005·6	-	51·7	1·6	11·7	89	7·9	0	3	3	16	8	0	0	0	1	*0*	0	6	3	*20*	*0*	1	9	20	0	0	1	4	2	3	15	4	1
	13	184	1006·0	-	56·2	2·9	12·5	81	7·8	0	0	7	15	8	0	0	0	0	*0*	0	3	3	*19*	*5*	1	10	19	0	3	3	2	2	2	13	3	2
	18	184	1006·1	-	55·3	2·6	12·3	83	7·8	0	0	8	14	8	0	0	0	0	*0*	0	3	3	*22*	*2*	1	9	20	0	1	2	5	0	3	16	1	2
	7	36	1005·1	-	49·2	1·2	11·0	92	6·5	0	7	4	17	2	0	0	0	1	0	0	4	10	*13*	*2*	0	2	24	4	0	2	1	2	1	11	7	2
Fife. Leuchars H	13	36	1005·3	-	58·1	5·1	11·5	70	8·0	0	0	7	16	7	0	0	0	0	0	2	1	7	*18*	*2*	0	9	21	0	1	2	4	2	3	10	7	1
	18	36	1005·4	-	54·9	3·6	11·4	77	7·2	0	6	2	16	6	0	0	0	0	0	2	2	4	*20*	*2*	0	8	22	0	0	1	4	2	5	9	7	2
Mid Lothian. Edinburgh ..	9	441	1005·7	-	53·1	3·4	10·6	77	6·8	0	7	6	7	10	0	0	1	1	0	4	18	*6*	*0*	0	0	11	19	0	2	1	2	4	4	10	5	2
(Blackford Hill)	21	441	1006·1	-	51·5	3·0	10·1	79	5·3	2	9	5	4	10	0	0	0	0	0	5	14	*7*	*4*	0	0	11	17	2	0	0	1	6	7	7	7	0
6a. SCOTLAND, W.																																		
	7	40	1003·8	-	53·9	2·8	11·6	81	8·4	0	1	4	16	9	0	0	0	0	0	0	5	10	*7*	8	0	14	16	0	3	1	3	3	5	9	3	3
Argyll. Tiree	13	40	1004·3	-	57·5	4·1	11·8	75	7·0	0	5	6	14	5	0	0	0	0	0	0	4	12	*7*	7	1	21	8	0	1	1	1	4	7	7	5	4
	18	40	1004·1	-	55·1	3·0	11·9	81	6·8	0	7	3	16	4	0	0	0	0	0	0	7	8	*8*	7	1	15	14	0	2	1	2	4	3	8	8	2
	9	187	1005·4	-	54·4	2·1	12·2	86	7·3	0	1	9	14	6	0	0	0	*1*	*0*	*3*	7	*6*	*13*	*0*	1	16	13	0	2	0	8	2	6	3	4	5
Bute. Rothesay	21	187	1005·9	-	52·6	1·7	12·2	88	6·9	0	5	5	13	7	0	0	1	*1*	*0*	*1*	8	*16*	*3*	*0*	1	14	14	1	1	0	6	0	6	4	8	4
	7	24	1005·6	-	49·3	1·1	10·9	92	8·2	0	2	2	18	8	0	0	1	0	5	1	5	1	*16*	*1*	0	5	19	6	0	0	3	2	1	6	9	3
Renfrew. Renfrew	13	24	1005·9	-	58·0	5·0	11·5	70	8·3	0	0	6	17	7	0	0	0	1	0	2	4	3	*14*	*6*	0	12	18	0	2	2	2	0	3	8	9	4
(Abbotsinch)	18	24	1005·9	-	55·1	3·6	11·3	77	7·8	0	1	7	17	5	0	0	0	0	1	2	5	5	*10*	*7*	0	6	23	1	1	1	5	1	4	6	10	1
	7	778	1006·5	-	46·9	1·2	10·0	91	8·0	0	1	6	15	8	0	0	0	1	1	0	2	*7*	*7*	*11*	*1*	0	9	13	8	3	2	1	0	4	8	2	2
Dumfries. Eskdalemuir‡‡ H	13	778	1006·3	-	55·4	4·4	10·8	72	8·5	0	0	5	16	9	0	0	0	0	0	0	*4*	*10*	*16*	*0*	0	15	15	0	1	1	2	1	6	10	8	1
	18	778	1006·8	-	51·8	2·7	10·7	82	7·6	0	3	6	13	8	0	0	0	0	0	1	*5*	*9*	*14*	*1*	0	10	19	1	0	2	2	2	5	8	8	2
	21	778	1007·2	-	48·2	1·6	10·2	88	6·0	0	9	6	9	6	0	0	0	0	1	0	*6*	*7*	*16*	*0*	0	8	19	3	4	2	1	1	6	8	3	2
	h.*	778	1006·6	-	50·2	2·4	10·4	85																										
6b. ISLE OF MAN.																																		
Isle of Man. Douglas .. H	9	286	1007·9	-8·3	55·5	2·7	12·5	83	7·0	0	6	4	14	6	0	0	0	*0*	1	1	*5*	*11*	12	*0*	3	14	13	0	1	1	3	2	3	7	11	2
	7	31	1006·7	-	54·1	2·3	12·1	85	7·8	0	2	5	13	10	0	0	0	0	0	1	2	*7*	*20*	0	0	19	11	0	3	0	0	5	3	6	8	5
Point of Ayre	13	31	1007·9	-	59·9	5·1	12·4	71	7·8	0	2	4	16	8	0	0	0	0	0	0	1	*8*	*21*	0	1	24	5	0	1	1	0	4	4	6	8	6
	18	31	1007·4	-	57·3	3·9	12·0	76	7·5	0	2	6	14	8	0	0	0	0	0	0	2	*5*	*23*	0	0	21	9	0	1	0	2	3	4	7	8	5
2. ENGLAND, N.E.																																		
	9	331	1006·2	-	53·2	2·5	11·4	83	6·7	0	5	9	6	10	0	0	1	1	1	*0*	3	*1*	13	*10*	0	5	22	3	3	0	1	2	3	2	7	9
Northumberland. Cockle Park ..	21	331	1007·3	-	49·4	1·6	10·4	88	5·4	1	14	4	0	11	0	0	1	0	0	*0*	3	*7*	10	*9*	0	5	22	3	0	0	0	3	3	3	11	7
	1	122	1007·3	-	52·5	0·7	13·0	95	6·0	0	9	10	3	8	0	0	0	0	0	0	11	*15*	4	*0*	0	5	25	0	1	0	1	0	4	9	12	3
	7	122	1006·4	-9·0	51·8	1·9	11·5	87	6·2	0	5	12	9	4	0	0	0	0	4	1	11	*11*	3	*0*	0	6	24	0	1	0	1	1	3	13	9	2
Northumberland. Tynemouth ..	13	122	1006·8	-	58·8	5·0	12·0	71	6·9	0	1	14	10	5	0	0	0	0	0	0	9	*16*	5	*0*	0	11	19	0	3	0	2	2	3	7	11	1
	18	122	1007·3	-	56·4	3·8	11·6	76	6·9	0	3	12	8	7	0	0	0	0	0	1	9	*12*	8	*0*	0	3	27	0	1	2	3	1	4	6	11	2

* Mean of hourly readings. † Pressure at Station level. ‡ Mean pressure at Station Level is 964·6 mb.
‡‡ Mean pressures at Station Level are 978·1 mb. at 7 h., 978·3 mb. at 13 h., 978·6 mb. at 18 h., and 978·9 mb. at 21 h.

TABLE IV (*continued*).—SUMMARY of the OBSERVATIONS of PRESSURE, TEMPERATURE, HUMIDITY, CLOUD, VISIBILITY and WIND at fixed hours at certain Stations during the month of SEPTEMBER, 1935

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.	4 to 7	1 to 3	Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
2. ENGLAND, N.E.—*cont.*			G.M.T.	ft.	mb.	mb.	°F.	°F.	mb.	%																										
Durham.	Durham ..	..	9	352	1007·4	-	54·8	3·5	11·4	77	7·3	0	6	2	9	13	0	0	0	0	5	4	5	13	*3*	*0*	1	6	20	3	0	0	0	1	7	7	9	3
			21	352	1008·3	-	51·5	2·3	10·7	83	6·1	7	3	2	5	13	0	0	0	1	2	3	9	11	*4*	*0*	0	3	21	6	1	0	0	1	9	6	5	2
Yorks., N. Riding	Catterick ..	H	7	186	1007·5	-	50·5	1·8	11·0	88	6·9	0	7	1	17	5	0	0	1	0	1	1	*8*	10	*9*	*0*	0	4	22	4	0	0	1	0	10	4	6	5
			13	186	1007·9	-	59·5	6·1	11·3	65	7·8	0	1	5	19	5	0	0	0	0	0	1	*5*	6	*17*	*1*	1	12	16	1	1	0	1	3	6	3	10	5
			18	186	1008·0	-	55·3	3·9	11·3	75	6·9	0	4	8	9	9	0	0	0	0	0	2	*5*	4	*18*	*1*	0	4	22	4	0	4	1	1	4	3	10	3
Yorks., N. Riding	Scarborough	..	9	96	1007·7	-	58·4	4·6	11·9	72	5·2	0	14	7	7	2	0	0	1	0	1	2	10	13	*3*	*0*	0	11	19	0	0	1	0	1	4	9	6	9
	York	.. ..	9	53	1008·9	-	56·4	3·9	12·5	81	6·5	2	4	7	9	8	-	-	-	-	-	-	-	-	-	-	0	0	30	0	5	0	1	2	8	3	10	1
			21	53	1009·3	-	54·1	2·8	11·6	81	4·4	11	6	2	2	9	-	-	-	-	-	-	-	-	-	-	0	2	27	1	1	0	4	2	4	5	10	3
Yorks., E. Riding	Spurn Head	..	1	28	1009·1	-	55·0	1·1	13·7	93	5·8	2	6	9	8	5	*0*	*0*	0	0	0	*0*	*6*	12	12	*0*	2	18	10	0	2	1	1	2	9	6	6	3
			7	28	1008·5	-7·4	55·2	1·3	13·5	91	7·2	0	2	9	14	5	*0*	*0*	0	0	1	*2*	*8*	16	3	*0*	1	17	12	0	2	0	3	1	3	11	6	4
			13	28	1008·9	-	61·2	3·2	14·9	81	7·8	0	1	7	16	6	*0*	*0*	0	0	0	*0*	*6*	20	4	*0*	1	22	7	0	3	1	2	4	3	4	11	2
			18	28	1009·1	-	58·0	1·6	14·8	90	7·7	0	0	8	16	6	*0*	*0*	1	0	0	*0*	*6*	17	6	*0*	0	24	6	0	2	1	2	5	5	5	7	3
Lincoln.	Cranwell ..	H	7	243	1009·8	-	51·8	1·3	12·2	91	7·0	0	6	4	11	9	0	0	0	0	*1*	4	6	12	7	*0*	0	11	8	1	0	0	3	2	5	10	5	4
			13	243	1010·3	-	61·4	6·8	11·6	63	8·2	0	0	6	18	6	0	0	0	0	*1*	0	6	8	15	*0*	1	18	11	0	1	0	2	4	4	8	7	4
			18	243	1010·2	-	58·4	4·9	11·9	71	7·1	0	5	5	17	3	0	0	0	0	*0*	0	5	10	15	*0*	0	10	20	0	0	2	2	1	7	10	6	2
3. ENGLAND, E.																																						
Norfolk.	Cromer ..	H	9	74	1009·9	-	58·5	3·7	13·1	79	7·0	0	0	14	9	7	0	0	0	0	0	0	*4*	*7*	*19*	*0*	0	8	22	0	3	1	1	1	12	6	5	1
			1	26	1011·2	-	55·5	2·2	12·6	85	4·9	8	6	3	7	6	0	0	0	0	*0*	0	*8*	*22*	0	*0*	1	5	23	1	0	0	0	0	5	4	12	6	2
Norfolk.	Yarmouth..	..	7	26	1010·5	-5·9	54·9	2·4	12·5	85	6·3	0	7	6	12	5	0	0	0	0	*0*	3	*16*	*11*	0	*0*	0	13	16	1	1	1	0	2	4	14	3	4
			13	26	1010·9	-	62·4	5·9	12·7	67	7·3	0	1	9	15	5	0	0	0	0	*0*	1	*14*	*15*	0	*0*	0	16	14	0	2	1	2	3	5	9	6	2
			18	26	1011·5	-	61·8	6·2	12·4	66	6·7	0	4	9	15	2	0	0	0	0	*0*	0	*16*	*14*	0	*0*	0	9	21	0	3	0	2	5	6	8	4	2
Suffolk.	Felixstowe Aero.		7	20	1011·4	-	56·0	1·9	13·5	88	6·5	0	8	4	12	6	0	0	0	0	1	7	7	*12*	*3*	*0*	0	11	16	3	2	1	0	1	6	11	3	3
			13	20	1011·6	-	63·4	6·6	13·0	65	7·0	0	4	6	17	3	0	0	0	0	0	0	1	*18*	*10*	*1*	0	15	15	0	0	0	2	5	7	10	5	1
			18	20	1011·7	-	60·5	5·1	12·8	71	5·8	0	8	10	7	5	0	0	0	0	0	3	5	*19*	*2*	*1*	0	8	22	0	0	2	3	2	5	12	5	1
Cambridge.	Cambridge	H	9	43	1011·1	-6·2	59·4	4·0	13·4	77	6·1	2	6	7	6	9	-	-	-	-	-	-	-	-	-	-	1	9	20	0	2	0	1	5	2	7	8	5
			21	43	1011·0	-6·2	55·9	2·5	12·9	84	3·8	14	3	4	1	8	-	-	-	-	-	-	-	-	-	-	0	4	24	2	1	2	1	2	8	8	4	2
Hertford.	Rothamsted	..	9	396	1011·1	-	57·7	3·5	12·9	79	5·8	1	9	6	9	5	0	0	0	*0*	0	*7*	*23*	*0*	*0*	*0*	0	6	19	5	3	0	2	2	4	3	9	2
Essex.	Shoeburyness	H	7	14	1011·9	-	56·4	1·4	14·3	91	6·7	1	8	3	11	7	0	0	0	0	3	7	9	9	2	0	0	7	20	3	2	0	0	1	10	8	3	3
			13	14	1012·2	-	64·3	4·9	15·3	74	7·1	0	4	7	14	5	0	0	0	0	0	1	4	8	17	0	0	12	18	0	1	0	2	4	8	8	5	2
			18	14	1012·2	-	60·7	3·4	14·7	81	6·2	1	10	2	11	6	0	0	0	0	1	0	10	10	8	1	0	8	20	2	0	1	3	2	7	8	5	2
4. MIDLAND COUNTIES.																																						
Yorks., W. Riding	Harrogate	..	9	478	1008·5	-	55·3	3·5	11·4	77	6·9	0	5	8	11	6	0	0	*1*	0	1	7	9	*4*	6	2	1	8	20	1	2	1	0	0	8	12	5	1
Nottingham.	Nottingham	..	9	215	1009·4	-	56·7	3·5	12·4	78	7·2	0	4	6	11	9	0	0	0	0	7	0	18	4	*1*	*0*	0	7	23	0	1	3	2	2	1	10	7	4
Warwick.	Birmingham	H	7	542	1010·3	-	52·3	1·9	11·8	87	6·5	2	5	4	13	6	0	0	0	1	2	4	10	1	*12*	*0*	0	7	23	0	1	0	2	4	8	6	5	4
			13	542	1010·7	-	59·6	6·1	11·3	65	7·7	0	0	8	18	4	0	0	0	0	1	1	2	4	*22*	*0*	0	11	19	0	1	0	1	3	5	7	10	3
			18	542	1010·4	-	58·3	5·3	11·3	69	7·2	0	1	10	14	5	0	0	0	1	0	3	4	3	*19*	*0*	0	4	26	0	1	0	1	5	5	9	7	2
Oxford.	Oxford ..	..	9	212	1011·9	-5·9	58·3	3·5	12·9	79	5·8	1	11	1	9	8	0	0	*0*	0	2	1	7	3	17	*0*	0	9	21	0	2	1	3	1	6	8	7	2
Shropshire.	Shrewsbury	H	9	186	1009·6	-	56·5	3·5	12·2	78	6·9	0	1	16	1	2	0	0	0	0	4	0	5	0	21	*0*	2	14	11	3	0	0	1	7	3	8	7	1
Hereford.	Ross-on-Wye	H	7	226	1010·4	-	53·2	2·0	11·9	87	7·0	0	6	3	16	5	*0*	*0*	0	0	2	1	4	9	12	*2*	0	8	19	3	2	2	0	2	3	8	9	1
			13	226	1010·9	-	61·9	6·3	12·3	65	6·9	0	3	9	12	6	*0*	*0*	0	1	0	0	4	3	20	*2*	1	10	19	0	1	1	1	2	6	7	10	2
			18	226	1010·5	-	58·6	4·2	12·8	75	6·7	0	8	3	14	5	*0*	*0*	0	1	0	0	3	9	14	*3*	0	7	23	0	0	1	1	1	5	11	10	1
			21	226	1010·7	-	55·2	2·5	12·4	84	6·2	2	10	0	7	11	*0*	*0*	0	0	1	0	13	6	8	*2*	0	6	22	2	1	1	1	3	4	12	6	0
Gloucester.	Cheltenham	H	9	230	1011·7	-	58·9	3·9	12·9	77	6·5	0	7	5	11	7	0	*0*	0	0	2	6	5	7	*10*	0	0	5	22	3	1	0	0	0	5	12	9	0
			21	230	1011·4	-	56·0	2·3	13·0	85	7·2	1	6	5	6	12	0	*0*	0	0	1	3	14	6	*6*	0	0	2	27	1	0	0	0	0	2	18	10	1
5. ENGLAND, S.E.																																						
London.	gGreenwich	H	9	152	1012·1	-5·7	59·7	3·7	13·9	79	6·9	0	7	5	9	9	0	0	0	0	3	3	15	9	0	*0*	0	13	17	0	2	2	2	2	4	12	5	1
			15	152	1011·8	-5·0	65·1	7·4	13·2	62	7·3	0	3	7	19	1	0	0	0	0	0	0	6	21	3	*0*	0	18	12	0	2	0	0	4	5	12	6	1
			21	152	1012·5	-5·1	56·3	2·6	13·0	84	5·4	6	6	2	9	7	0	0	0	0	0	1	11	12	6	*0*	0	12	18	0	1	0	3	4	3	14	4	1
			h.*	152	1012·0	-5·4	58·4																															
London.	Kew Observatory	H	7	34	1011·9	-5·7	55·5	2·0	13·2	88	7·2	3	3	4	10	10	0	0	0	1	1	3	12	10	3	*0*	0	3	27	0	2	1	3	1	5	13	3	2
			13	34	1012·3	-4·9	63·4	6·6	12·9	65	8·0	0	0	6	19	5	0	0	0	0	0	1	3	4	22	*0*	0	8	22	0	1	0	1	3	5	13	5	2
			18	34	1012·1	-4·8	61·5	5·4	12·9	69	6·9	0	7	3	14	6	0	0	0	0	0	0	7	10	13	*0*	0	6	24	0	0	1	0	2	6	13	7	1
			21	34	1012·6	-5·0	57·2	2·9	13·1	82	5·6	5	7	1	11	6	0	0	0	0	0	0	6	14	10	*0*	0	2	27	1	1	1	6	0	3	11	7	0
			h.*	34	1012·1	-5·3	58·6	3·8	13·0	78																												
London.	Kensington	..	9	66	1011·7	-	59·2	3·3	13·7	80	6·7	2	5	4	12	7	0	0	0	0	5	*6*	14	5	*0*	*0*	0	5	25	0	1	3	2	2	1	11	6	4
			15	—	-	-	64·7	7·2	13·1	63	6·6	0	1	13	14	2	-	-	-	-	-	-	-	-	-	-	0	6	24	0	1	0	0	5	2	13	4	5
			18	—	-	-	62·7	6·1	13·1	67	5·6	0	9	12	5	4	-	-	-	-	-	-	-	-	-	-	0	5	25	0	1	1	0	2	4	14	3	5
London.	Stroud Green	..	7	237	-	-	-	-	-	-	-	.-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Surrey.	Croydon ..	H	1	225	1012·0	-	54·8	2·0	12·9	87	5·8	2	10	2	11	5	0	0	0	0	0	0	5	9	*15*	*1*	0	9	16	5	0	0	1	2	6	11	4	1
			7	225	1011·6	-	54·7	1·5	13·3	90	7·4	1	5	2	16	6	0	0	0	0	0	3	11	10	*6*	*0*	0	9	14	7	0	0	0	3	7	10	2	1
			13	225	1011·9	-	63·9	6·8	13·0	64	7·4	0	2	6	19	3	0	0	0	0	0	1	3	5	*21*	*0*	0	14	16	0	1	0	1	5	4	10	6	3
			18	225	1012·0	-	60·6	5·1	12·8	70	6·3	0	8	5	15	2	0	0	0	0	0	1	6	9	*14*	*0*	0	7	22	1	0	1	0	5	5	12	5	1
Surrey.	Wisley ..	..	9	85	1012·3	-	59·4	3·3	13·7	80	7·0	0	6	6	10	8	0	0	0	0	0	2	9	19	*0*	*0*	0	4	26	0	1	1	3	2	5	10	5	3

* Mean of hourly readings. *g* Temperature from thermometers on a Glaisher stand.

TABLE IV (*continued*).—SUMMARY of the OBSERVATIONS of PRESSURE, TEMPERATURE, HUMIDITY, CLOUD, VISIBILITY and WIND at fixed hours at certain Stations during the month of SEPTEMBER, 1935

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							
																FOG.			MIST.	POOR VIS.	MOD. VIS.	GOOD VISIBILITY.												
												0	1 to 3	4 to 6	7 to 9	10	0	1	2	3	4	5	6	7	8	9	8 or more.	4 to 7	1 to 3	Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
5. ENGLAND, S.E.—*cont.*			G.M.T.	ft.	mb.	mb.	°F.	°F.	mb.	%																								
Kent.	Biggin Hill	H	7	572	1012·4	–	54·3	1·5	13·1	90	7·2	1	2	8	10	9	0	0	0	1	1	3	7	*10*	7	*1*	0	8	21	1	0	1	2	3	8	11	2	2
			13	572	1012·6	–	61·4	5·6	12·8	68	7·4	0	0	9	19	2	0	0	0	0	0	1	1	*10*	18	*0*	0	13	17	0	1	0	1	4	6	10	5	3
			18	572	1012·6	–	57·9	4·1	12·5	75	6·3	0	7	7	13	3	0	0	0	0	0	0	1	*16*	13	*0*	0	9	21	0	1	0	1	3	7	14	3	1
Kent.	Dungeness	..	7	—	–	–	58·1	2·2	14·2	86	5·5	1	2	17	10	0	*0*	0	0	0	2	5	11	*11*	*1*	*0*	1	13	16	0	2	0	3	2	4	13	4	2
			13	—	–	–	53·0	4·4	14·9	75	5·6	0	3	16	11	0	*0*	0	0	1	2	1	10	*16*	*0*	*0*	2	12	16	0	1	0	3	3	3	16	2	2
			18	—	–	–	61·4	3·7	14·4	79	5·2	0	4	20	6	0	*0*	0	0	0	1	3	10	*16*	*0*	*0*	1	14	15	0	0	2	4	0	2	18	4	0
			1	345	1013·4	–	54·9	1·8	13·2	88	4·1	4	13	4	3	6	0	0	2	*0*	0	0	7	11	10	0	0	8	22	0	3	2	2	2	2	12	5	2
Kent.	Lympne ..	H	7	345	1012·9	–	55·2	1·8	13·4	88	7·5	1	3	2	18	6	0	0	4	*0*	1	2	*6*	5	12	0	0	11	19	0	1	2	2	3	13	4	3
			13	345	1013·2	–	61·6	4·7	13·6	73	7·9	0	3	2	20	5	0	0	0	*0*	1	2	*3*	5	17	2	0	14	16	0	1	0	3	4	3	12	5	2
			18	345	1013·2	–	58·4	3·5	13·3	79	8·0	0	11	2	14	3	0	0	0	*0*	1	2	*4*	10	10	3	0	8	22	0	0	1	6	0	1	15	6	1
			7	141	1012·0	–	56·0	1·9	13·6	88	6·6	0	8	4	12	6	0	0	0	0	0	2	4	*10*	*13*	*1*	0	12	18	0	0	1	4	6	13	3	2
Kent.	Manston		13	141	1012·4	–	62·9	6·0	13·3	67	6·8	0	5	6	15	4	0	0	0	0	0	1	3	*5*	*21*	*0*	0	19	11	0	1	0	1	5	5	12	4	2
			18	141	1012·4	–	59·3	4·0	13·3	76	5·7	1	6	10	12	1	0	0	0	0	0	0	3	*8*	*18*	*1*	0	13	17	0	0	1	6	0	4	14	4	1
Kent.	Tunbridge Wells ..		9	407	1012·9	–	58·9	2·3	14·7	86	6·7	1	4	8	7	10	0	0	*0*	0	0	3	8	13	6	*0*	0	5	25	0	2	3	0	3	3	8	6	5
Sussex.	Brighton ..	H	9	48	1012·7	–	60·4	2·6	15·1	84	7·5	0	5	3	9	13	0	0	0	0	0	0	11	8	11	*0*	1	9	19	1	1	1	2	2	3	13	5	2
Sussex.	Hastings	H	9	174	1012·7	–	60·3	3·1	14·6	82	7·2	1	4	7	7	11	0	0	0	0	1	8	14	*3*	*4*	*0*	1	17	11	1	0	0	0	6	0	16	0	7
			21	174	1012·8	–	58·6	2·9	14·0	82	4·4	6	8	7	1	8	0	0	0	1	0	4	15	*6*	*4*	*0*	1	14	15	0	0	1	0	5	0	17	0	7
Hampshire.	Calshot		7	15	1012·2	–	57·4	1·3	14·7	91	7·0	0	5	5	11	9	0	0	0	0	1	2	9	10	8	*0*	0	14	16	0	1	3	1	3	6	10	3	3
			13	15	1013·0	–	62·8	4·2	14·8	76	6·9	0	4	8	13	5	0	0	0	0	0	2	6	22	0	*0*	0	20	8	2	1	0	4	2	4	12	4	1
			18	15	1012·7	–	60·7	3·4	14·5	80	6·3	0	5	11	8	6	0	0	0	0	0	0	4	12	14	*0*	0	14	16	0	0	2	4	1	5	14	3	1
Hampshire.	Southampton ..		9	84	1012·5	-5·4	57·7	1·8	14·6	89	7·1	2	4	4	7	13	0	0	0	0	5	*23*	2	0	0	*0*	0	5	25	0	3	4	2	2	0	10	7	2
			21	84	1013·4	-4·3	58·0	2·7	13·7	83	5·9	5	5	6	4	10	0	0	1	0	0	5	20	4	0	*0*	0	5	25	0	0	1	3	3	1	12	8	2
Hampshire.	S. Farnborough	H	7	256	1011·7	–	53·7	1·0	13·4	93	7·0	1	6	3	16	4	0	0	0	1	0	4	8	16	*1*	*0*	0	6	22	2	1	0	3	3	8	9	3	1
			13	256	1012·2	–	64·9	6·9	13·5	64	7·8	0	0	7	19	4	0	0	0	0	0	0	2	16	*12*	*0*	0	12	18	0	0	1	0	4	7	9	8	1
			18	256	1012·1	–	59·5	4·0	13·4	77	6·0	0	10	3	13	4	0	0	0	0	0	1	4	15	*10*	*0*	0	9	20	1	0	1	0	3	6	12	7	0
I. of Wight.	Ventnor (Hosp.) ..		9	80	1012·6	–	60·5	3·1	15·0	82	6·8	0	6	7	5	12	–	–	–	–	–	–	–	–	–	–	0	17	13	0	1	1	3	3	2	3	14	3
			15	80	1013·1	–	62·9	4·3	15·0	76	6·1	0	8	9	4	9	–	–	–	–	–	–	–	–	–	–	0	17	13	0	0	0	0	4	2	4	19	1
Wilts.	Amesbury	H	7	418	1011·6	–	53·2	0·5	13·6	96	7·8	1	3	3	12	11	0	0	0	1	0	2	15	10	*2*	*0*	0	9	20	1	2	0	5	3	6	7	5	1
	(Boscombe Down)		13	418	1012·3	–	61·7	4·9	13·7	72	8·1	0	2	2	21	5	0	0	0	0	0	0	5	17	*8*	*0*	0	14	15	1	0	1	0	4	5	8	8	3
			18	418	1011·9	–	58·2	2·9	13·6	82	7·2	0	3	8	11	8	0	0	0	0	1	1	7	15	*6*	*0*	0	13	15	2	1	0	0	4	8	9	5	1
Wilts.	Larkhill ..	H	9	444	1011·9	–	57·8	3·0	13·5	82	7·5	0	3	8	10	9	0	0	0	0	0	0	2	5	23	*0*	0	15	14	1	2	1	4	2	3	8	7	2
			13	444	1012·1	–	61·8	5·8	12·8	68	7·7	0	0	7	20	3	0	0	0	0	0	0	3	27	*0*	0	21	9	0	0	1	1	4	2	10	11	1
			15	444	1011·9	–	61·9	5·4	12·8	68	7·1	0	0	6	19	5	0	0	0	0	0	0	4	26	*0*	0	18	12	0	0	0	1	5	2	11	9	2
7a. ENGLAND, N.W.																																				
Lancashire.	Hutton		9	86	–	–	55·8	2·3	13·1	85	6·8	0	3	8	13	6	–	–	–	–	–	–	–	–	–	–	0	1	29	0	1	0	2	7	4	8	7	1
Lancashire.	Manchester	H	7	83	1008·7	–	51·7	1·5	11·9	90	7·9	0	2	6	12	10	0	1	1	3	4	*10*	8	3	0	0	0	8	19	3	1	0	4	3	4	6	6	3
	(Barton)		13	83	1009·4	–	60·6	6·3	11·7	65	7·9	0	0	7	18	5	0	0	0	0	0	*2*	4	12	12	0	0	19	11	0	0	0	0	3	5	4	10	8
			18	83	1009·0	–	57·8	4·4	12·0	74	7·5	0	2	9	13	6	0	0	0	0	1	*1*	10	13	5	0	0	10	19	1	0	0	2	3	4	5	10	5
Lancashire.	Manchester		9	127	(1009·1)	–	55·1	2·6	12·1	81	7·1	0	2	5	22	1	–	–	–	–	–	–	–	–	–	–	0	1	29	0	1	0	1	5	5	10	5	3
	(Whitworth Pk.)		21	127	(1009·5)	–	56·1	2·7	12·7	83	7·2	0	6	4	14	6	–	–	–	–	–	–	–	–	–	–	0	1	29	0	0	0	1	3	8	11	5	2
Lancashire.	Southport *	H	9	34	1009·0	-7·9	57·0	4·1	11·9	75	7·8	0	4	3	13	10	0	0	0	0	1	6	4	5	14	*0*	1	17	12	0	2	0	1	6	4	6	8	3
	(Bedford Rd. Park)		13	34	1009·1	-7·6	60·8	6·1	12·0	66	7·5	0	3	5	16	6	0	0	0	0	0	3	5	19	*0*	1	18	11	0	0	0	1	5	3	6	12	3
			18	34	1008·6	-7·7	58·2	4·3	12·4	75	7·5	0	1	10	8	11	0	0	0	0	1	8	3	6	12	*0*	0	17	13	0	1	0	2	4	3	9	7	4
			21	34	1008·6	-8·2	55·7	2·9	12·4	82	7·4	1	4	5	9	11	0	0	0	0	0	11	7	6	6	*0*	0	14	16	0	1	0	3	5	5	6	6	4
Lancashire.	Stonyhurst ..		9	381	1009·1	–	54·9	3·1	11·8	80	8·2	0	3	0	15	12	0	0	0	1	0	4	12	*6*	*7*	*0*	0	12	17	1	1	4	1	2	3	8	7	3
			21	381	1007·9	–	53·2	2·3	11·6	84	7·8	2	2	4	7	15	0	0	0	0	0	0	4	*20*	*6*	*0*	0	10	18	2	1	1	3	0	6	6	8	3
Cheshire.	Bidston Obs'y. ..		9	202	1009·0	–	55·8	3·5	11·9	77	7·1	0	2	11	12	5	*0*	0	0	0	2	1	2	*6*	19	0	1	17	11	1	1	0	2	8	2	4	9	3
			21	202	1008·9	–	54·9	3·0	11·9	81	6·3	2	8	1	13	6	*0*	0	0	0	1	0	1	*10*	16	2	0	10	20	0	1	0	1	7	7	4	5	5
7b. NORTH WALES.																																				
Flint.	Sealand ..	H	7	19	1009·1	–	51·9	1·9	11·5	87	7·3	0	3	6	16	5	0	0	0	0	3	7	10	*4*	*4*	*2*	0	11	18	1	1	0	3	10	3	7	4	1
			13	19	1009·6	–	61·9	7·0	11·5	63	7·3	0	2	8	16	4	0	0	0	0	0	1	7	*7*	*14*	*1*	0	17	13	0	1	0	2	7	2	10	5	3
			18	19	1009·1	–	58·6	4·6	12·1	72	7·0	1	2	8	14	5	0	0	0	1	0	2	11	*6*	*9*	*1*	0	3	27	0	0	0	2	7	3	12	4	2
Anglesey.	Holyhead ..	H	1	29	1007·6	–	55·9	2·4	13·0	85	6·6	2	8	1	8	11	0	0	0	0	0	0	5	11	14	0	0	13	17	0	1	0	1	3	8	9	5	3
			7	29	1007·6	-8·2	55·5	2·4	12·8	85	7·4	0	4	5	13	8	0	0	0	0	0	2	1	11	15	1	1	16	12	1	0	0	2	4	6	8	5	4
			13	29	1008·8	–	59·9	4·7	12·9	73	7·4	0	1	10	13	6	0	0	0	0	0	2	1	8	16	3	0	19	11	0	0	0	1	3	5	13	3	5
			18	29	1008·0	–	57·6	3·2	13·1	80	7·9	0	1	8	10	11	0	0	0	0	0	0	4	9	15	2	0	17	12	1	0	1	3	1	7	10	5	2
Carnarvon.	Llandudno ..		9	33	1008·9	–	57·7	4·2	12·3	75	6·6	0	4	8	17	1	0	0	0	0	0	1	0	2	*23*	*4*	0	7	23	0	0	0	2	2	5	13	8	0
8a. SOUTH WALES.																																				
Pembroke.	St. Ann's Head ..		1	152	1008·5	–	57·0	2·0	13·9	87	7·6	0	2	8	10	10	0	0	1	0	1	*0*	8	17	3	*0*	2	17	11	0	2	1	1	3	3	7	10	3
			7	152	1009·2	-7·2	56·5	1·9	14·0	88	7·9	0	1	8	15	6	0	0	0	0	0	*0*	9	13	8	*0*	2	16	12	0	2	0	3	3	1	6	10	5
			13	152	1010·0	–	59·6	3·6	13·9	79	7·5	0	1	9	15	5	0	0	0	0	0	*1*	7	11	11	*0*	2	15	13	0	0	0	0	5	4	6	11	4
			18	152	1008·9	–	58·1	2·5	13·9	85	8·3	0	1	4	16	9	0	0	0	0	0	*1*	7	14	7	*1*	3	16	11	0	2	1	0	4	6	7	9	1

* Visibility at Hesketh Park; 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 month of SEPTEMBER, 1935

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
8a. SOUTH WALES—*cont.*	G.M.T.	ft.	mb.	mb.	°F.	°F.	mb.	%						
Radnor. Rhayader	9	—	-	-	-	-	-	-	-	-	-	-	-	-
Glamorgan. Cardiff	9	216	1011·4	-	57·0	2·5	13·4	85	7·4	1	2	7	8	12
	21	216	1011·0	-	56·1	2·3	13·6	85	6·7	7	1	3	4	15
8b. ENGLAND, S.W.														
Somerset. Bath	9	113	1011·6	-	59·0	3·4	13·6	79	7·6	1	2	7	6	14
Dorset. Holton Heath H	9	58	1012·7	-	60·0	3·1	14·6	82	8·0	2	1	2	11	14
	15	58	1012·6	-	62·9	5·1	14·1	72	7·2	0	3	8	11	8
Dorset. Portland Bill ..	1	37	1011·7	-	59·5	1·5	15·5	91	6·9	5	2	1	10	12
	7	37	1011·9	-4·8	59·1	1·8	15·2	89	7·7	1	3	4	8	14
	13	37	1012·7	-	61·7	2·7	16·1	85	6·7	0	5	8	13	4
	18	37	1012·0	-	60·2	1·9	15·7	89	7·5	1	1	6	12	10
Devon. Plymouth (Mount Batten) H	7	27	1011·8	-	56·5	1·2	14·6	93	7·8	1	2	3	16	8
	13	27	1012·7	-	61·8	3·8	14·8	79	7·4	0	4	4	19	3
	18	27	1011·9	-	59·8	2·5	15·0	85	7·6	0	4	3	15	8
Cornwall. The Lizard ..	1	240	1011·9	-	56·3	0·6	14·7	96	6·9	4	3	3	8	12
	7	240	1012·2	-	56·6	0·8	15·1	95	7·4	0	5	4	13	8
	13	240	1012·9	-	60·7	2·2	15·8	89	7·2	0	5	7	9	9
	18	240	1012·6	-	57·9	1·1	15·3	93	7·6	0	4	4	12	10
Cornwall. Newquay ..	9	161	1012·0	-	59·8	2·8	14·7	83	6·8	1	3	8	11	7
9. IRELAND, N.														
Sligo. Markree Castle ..	9	127	1006·6	-	53·3	1·6	12·7	89	7·1	0	2	12	5	11
	21	127	1006·6	-	54·1	1·7	12·6	89	6·9	1	4	9	7	9
Mayo. Blacksod Point ..	1	28	1005·6	-	55·3	2·8	12·1	81	6·9	0	6	7	7	10
	7	28	1005·5	-	54·9	2·4	12·5	85	7·9	0	1	7	13	9
	13	28	1006·0	-	58·8	4·0	13·0	77	7·4	0	2	9	9	10
	18	28	1005·9	-	56·9	3·1	12·8	81	7·8	0	0	9	12	9
Donegal. Malin Head ..	1	87	1004·5	-	53·3	1·4	12·4	91	6·8	0	9	2	11	8
	7	87	1005·9	-7·9	53·9	1·7	12·6	89	8·5	0	1	0	26	3
	13	87	1005·0	-	57·2	2·8	13·1	83	8·2	0	3	1	18	8
	18	87	1004·7	-	56·0	2·5	12·9	85	8·3	0	2	0	24	4
Antrim. Aldergrove H	7	245	1006·4	-	51·1	1·5	11·6	90	7·5	0	6	2	14	8
	13	245	1007·0	-	57·7	4·5	11·9	73	8·3	0	1	5	19	5
	18	245	1006·6	-	55·6	3·7	11·6	77	7·2	0	5	6	13	6
Armagh. Armagh .. H	9	209	1006·9	-8·7	54·8	2·7	12·1	83	6·7	0	9	2	10	9
	21	209	1006·1	-9·6	51·9	2·0	11·5	86	5·4	7	5	3	4	11
10. IRELAND, S.														
Dublin. Glasnevin ..	9	56	(1008·3)	-	56·2	3·2	12·2	80	5·6	5	0	15	4	6
	21	56	(1007·6)	-	54·6	2·4	12·5	85	4·5	12	0	8	2	8
Offaly. Birr Castle ..	7	193	1007·7	-8·4	51·2	0·9	11·9	93	7·4	1	3	5	16	5
	13	193	1008·0	-	59·4	4·1	12·9	76	8·6	0	1	2	17	10
	18	193	1007·0	-	57·8	3·0	13·4	82	8·0	0	1	6	15	8
Waterford. Seskin, Carrick-on-Suir	9	521	1009·3	-	54·9	2·1	12·7	86	6·3	0	6	10	7	7
	21	521	1007·8	-	52·7	1·3	12·5	91	5·6	0	14	2	4	10
Kerry. Valentia Observatory H	7	45	1008·6	-7·5	55·3	1·9	13·1	89	8·2	0	1	3	21	5
	13	45	1008·7	-7·8	59·5	2·8	14·5	82	8·1	0	2	5	11	12
	18	45	1007·9	-8·3	58·1	2·7	13·7	84	8·0	0	1	5	20	4
	21	45	1008·3	-8·4	56·7	2·4	13·3	85	6·8	0	6	7	8	9
	h.*	45	1008·4	-7·9	57·2	2·3	13·7	85						
Cork. Roche's Point ..	7	24	1009·6	-7·0	54·7	1·6	13·2	89	7·2	0	1	12	11	6
	13	24	1009·7	-	59·7	2·7	14·8	84	7·9	0	1	6	16	7
	18	24	1008·7	-	58·3	2·8	13·6	83	8·0	0	0	7	17	6
11. CHANNEL I. & SCILLY.														
Scilly. St. Mary's.. ..	1	199	1011·4	-	57·0	1·3	14·6	91	6·3	2	7	4	8	9
	7	199	1011·6	-4·9	57·1	1·4	14·5	91	7·8	0	3	4	17	6
	13	199	1012·2	-	61·3	3·1	15·0	82	7·6	1	0	7	13	9
	18	199	1011·4	-	58·4	2·0	14·4	88	7·5	0	3	6	12	9
Guernsey. St. Peter Port H	1	186	1013·6	-	58·5	1·7	15·1	90	6·9	7	0	3	4	16
	7	186	1013·6	-	58·1	1·6	15·0	90	7·5	0	3	8	6	13
	13	186	1014·4	-	63·6	4·7	15·1	75	6·9	2	2	10	8	8
	18	186	1013·8	-	60·7	3·1	14·9	82	7·3	1	1	8	13	7
GIBRALTAR .. .. H	7	90	1017·7	+0·2	67·9	3·9	18·9	81	5·4	2	10	5	7	6
	13	90	1017·8	-	77·4	9·3	19·3	60	3·0	6	12	8	2	2
	18	90	1016·7	-	75·9	8·2	19·7	65	3·1	7	11	7	4	1
	21	90	1017·3	-	70·8	5·4	18·9	74	2·3	8	15	5	0	2
MALTA .. .. H	7	234	1016·0	-1·2	75·5	5·1	23·2	77	3·1	2	18	6	4	0
	13	234	1015·8	-	79·1	7·6	23·1	68	3·2	2	17	7	4	0
	18	234	1015·5	-	75·6	5·1	23·4	77	2·7	4	16	6	4	0

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.	4 to 7	1 to 3	Calm.	DIRECTION. N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0	0	0	0	3	5	5	*13*	*4*	*0*	1	10	19	0	0	8	2	0	1	9	9	1
0	0	0	0	0	2	16	*11*	*1*	*0*	0	3	27	0	0	5	2	5	9	8	1	0
0	0	0	0	0	6	*13*	*7*	*4*	*0*	0	7	22	1	1	2	3	2	2	5	12	2
0	0	0	0	1	0	9	17	*3*	*0*	0	15	14	1	1	3	1	2	4	7	8	3
0	0	0	0	0	0	3	19	*8*	*0*	0	18	12	0	1	0	0	6	3	11	7	2
0	0	0	*0*	0	1	*3*	*19*	*7*	*0*	1	19	10	0	4	0	3	3	1	9	9	1
0	0	0	*0*	0	0	*3*	*20*	*7*	*0*	0	22	8	0	2	1	3	2	4	6	9	3
0	0	0	*0*	0	0	*2*	*16*	*12*	*0*	0	20	10	0	0	0	2	4	3	10	9	2
0	0	0	*0*	0	0	*3*	*19*	*8*	*0*	0	21	9	0	0	0	4	2	3	10	10	1
0	0	0	0	2	2	13	10	3	*0*	1	11	15	3	1	1	4	1	4	8	5	3
0	0	0	0	0	2	0	9	17	*2*	0	19	11	0	0	1	1	3	7	12	4	2
0	0	0	1	1	1	8	8	11	*0*	1	18	11	0	1	0	4	2	5	10	6	2
0	0	2	1	1	1	0	*8*	*17*	0	1	16	12	1	1	1	4	1	5	7	7	3
0	3	1	0	2	0	0	*8*	*16*	0	1	18	11	0	2	0	3	1	5	6	9	4
0	1	2	0	0	2	0	*5*	*20*	0	0	22	8	0	0	0	4	2	6	8	10	0
0	3	0	1	0	1	2	*5*	*18*	0	0	18	12	0	1	0	4	2	2	10	9	2
0	0	0	0	2	2	6	*9*	8	*3*	1	15	14	0	1	0	0	7	2	12	5	3
0	*0*	0	0	0	*0*	6	8	16	*0*	0	2	18	10	1	0	0	3	4	2	7	3
0	*0*	0	0	0	*0*	6	8	16	*0*	0	2	13	15	1	1	1	2	3	2	4	1
0	0	0	0	0	0	0	16	14	*0*	0	14	16	0	1	1	2	2	5	5	12	2
0	0	0	0	0	0	0	14	14	*2*	0	12	17	1	0	0	4	5	0	5	11	4
0	0	0	0	0	0	1	10	12	*7*	0	14	16	0	2	1	2	3	7	5	7	3
0	0	0	0	0	0	2	11	10	*7*	0	17	13	0	2	3	2	2	7	5	9	0
0	0	0	0	0	0	1	21	7	*1*	0	9	20	1	3	1	2	2	13	0	6	2
0	0	0	0	0	0	0	22	7	*1*	0	12	18	0	3	1	2	1	10	8	2	3
0	0	0	0	0	0	0	23	5	*2*	1	18	11	0	4	0	3	2	5	7	7	2
0	0	0	0	0	0	0	22	7	*1*	1	12	17	0	0	1	3	1	8	4	10	3
0	0	0	0	0	1	6	5	14	4	0	12	14	4	0	0	3	3	6	8	4	2
0	0	0	0	0	0	2	7	12	9	0	18	12	0	1	1	2	4	5	9	5	3
0	0	0	0	0	0	2	6	10	10	0	13	16	1	2	0	5	3	6	7	4	2
0	*0*	0	0	0	1	*5*	*2*	22	*0*	0	5	21	4	1	0	2	2	5	11	5	0
0	*0*	0	0	0	0	*7*	*11*	12	*0*	0	3	23	4	2	0	1	4	4	12	2	1
0	1	*0*	*0*	*3*	*5*	*5*	*2*	*14*	*0*	0	4	25	1	0	3	1	4	0	5	10	6
0	0	*7*	*8*	*3*	*0*	*3*	*0*	*9*	*0*	0	3	27	0	0	0	5	2	1	7	12	3
0	*0*	0	1	0	*0*	*0*	*5*	*24*	*0*	0	1	29	0	0	1	0	5	12	10	1	1
0	*0*	0	0	0	*0*	*0*	*4*	*26*	*0*	0	2	28	0	1	2	0	4	7	13	3	0
0	*0*	0	0	0	*0*	*0*	*4*	*26*	*0*	0	1	29	0	0	2	0	5	7	9	6	1
0	0	0	*0*	2	1	3	*4*	9	11	0	9	18	3	0	0	0	6	6	3	9	3
0	1	1	*0*	1	0	3	*5*	3	16	0	11	15	4	1	0	0	5	4	7	4	5
0	0	0	0	0	0	*2*	6	*21*	*1*	0	13	16	1	1	4	3	3	6	9	2	1
0	0	0	0	0	0	*2*	*2*	*19*	*7*	0	19	10	1	1	1	2	1	10	4	9	1
0	0	0	0	0	1	*2*	4	*17*	*6*	0	17	13	0	2	0	0	2	6	7	7	6
0	0	0	0	0	1	*2*	4	*19*	*4*	1	12	15	2	4	1	2	5	4	5	5	2
0	0	0	0	0	2	0	6	*20*	*2*	0	4	26	0	5	0	2	3	2	5	9	4
0	0	0	0	1	1	4	*3*	*11*	*10*	0	11	19	0	0	0	2	4	4	9	9	2
0	0	0	0	0	3	1	*4*	*13*	*9*	0	11	19	0	2	1	0	3	1	10	10	3
0	1	1	0	0	3	2	*13*	*10*	0	1	19	10	0	1	0	2	3	3	11	6	4
0	1	1	0	1	0	7	*7*	*13*	0	1	18	11	0	3	0	1	2	4	6	10	4
0	1	1	1	1	1	3	*12*	*10*	0	0	22	8	0	1	0	0	4	7	7	9	12
0	2	1	0	0	2	6	*12*	*7*	0	0	22	8	0	2	1	1	4	3	10	8	1
0	0	0	1	0	0	6	*13*	*10*	0	1	8	15	6	0	0	1	2	2	10	6	3
0	0	0	0	1	2	6	*17*	*3*	1	0	15	12	3	1	0	0	5	2	7	6	6
0	0	0	0	1	1	2	*16*	*9*	1	0	16	14	0	1	0	1	4	2	9	11	2
0	0	0	0	1	1	4	*15*	*8*	1	0	12	12	6	0	0	2	2	2	6	10	2
0	0	0	0	*3*	0	*10*	*6*	10	1	0	3	20	7	0	0	12	0	1	3	6	1
0	0	0	0	*0*	0	*2*	*12*	14	2	0	2	27	1	0	0	17	0	3	4	5	0
0	0	0	0	*0*	3	*1*	*11*	15	0	0	2	21	7	0	1	11	0	3	4	4	0
0	0	0	0	*1*	0	*7*	*15*	7	0	0	1	24	5	0	0	14	2	2	2	5	0
0	0	0	0	0	0	0	2	*25*	*3*	0	12	17	1	4	1	6	2	1	1	6	8
0	0	0	0	0	0	1	2	*25*	*2*	0	15	15	0	5	4	7	3	0	0	5	6
0	0	0	0	0	0	0	1	*28*	*1*	0	13	17	0	2	2	5	4	1	1	10	5

* Mean of hourly readings.

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 temperature 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:—*Royal Observatory, Greenwich.*—A Glaisher stand is used. *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.

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 Gale 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 arrangement 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.

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—Rhayader (9), Tavistock (17), Plymouth (15), Balbriggan (25), Newcastle, Co. Wicklow (30).

"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*), *Pressure* (*Table IV*).—The averages refer to the period 1881–1915 and are "weighted" if the record is not complete for that period.

Temperature and Sunshine (*Table III*).—The averages refer to periods of from 10 to 30 years ending 1930, the actual period for each station being stated in the Introduction. Differences from 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.

(13220) Wt. 21/17/Ps.585. 925. 10/35. P.L.H. & CO. LTD. G.922.

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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: Adastral House, Kingsway, London W.C.2; 120 George Street, Edinburgh 2; York Street, Manchester 1; 1 St. Andrew's Crescent, Cardiff; 80 Chichester Street, Belfast; or through any Bookseller.

Vol. 52. No. 10. Issued by the Authority of the Meteorological Committee

Price 1s. 0d. net, Post-free 1s. 1d.
Annual Subscription, including Annual Summary and Introduction, 15s. 0d. post free.

OCTOBER, 1935.—Wet and dull on the whole; frequent strong winds and gales.

Broadly speaking, the month was wet and dull, with frequent gales, the gale of the 18th to 20th being very widespread and unusually severe. The excess of rainfall and deficiency of sunshine were particularly remarkable in Scotland.

The depression, which was centred over the south of Scotland on the 1st, moved away eastward. Between the 2nd and 6th, a large, complex depression moved south-eastward from the south of Iceland across the British Isles and then turned north-east to southern Scandinavia. This was a period of frequent heavy local rain and thunderstorms. Another deep depression, centred off north-west Iceland on the 8th, moved to the Shetland Islands and then north-east to the west of Norway. Meanwhile secondary disturbances crossed the British Isles and further rain fell at times. Pressure rose temporarily behind this system and, for a period, a belt of high pressure extended from the Azores across France to Poland and depressions skirted our north-western or northern seaboards. Unsettled conditions persisted in the west and north, but, for the most part, rainfall was only slight in England between the 12th and 17th. The most intense depression of the month passed from the south of Iceland to the Baltic from the 18th to 20th and caused widespread and severe gales in the British Isles. A spell of colder weather followed, with widespread sleet and snow in Scotland from the 20th to 22nd. Subsequently the centres of the main depressions were situated well to the north and associated shallow troughs of low pressure crossed these Islands.

With the development of an Atlantic depression, south-eastward of Greenland on the 27th, the British Isles came in the path of a broad stream of equatorial air and temperature rose decidedly. A trough of low pressure crossed the country on the 29th, and during the last two days a very deep depression moved from a position near Iceland to the Faroes, causing strong, squally winds and local gales in the British Isles.

Pressure and Wind.—Mean pressure was below the average except at the Scilly Isles, the deviation from the average at 7h. varying from +0·4 mb. at Scilly to −11·5 mb. at Lerwick. The mean pressure gradient was thus markedly increased (see Chart I). Strong winds and gales were more frequent than is usual in October, the windiest periods being 9th–10th, 13th–14th, 17th–20th and 27th–31st. The gale of the 18th–20th was general and very violent, especially in the northern half of the country: shipping suffered severely, the greatest tragedy being the loss of the Glasgow steamer "Vardulia" with her crew of 37. Among the highest speeds recorded in gusts were 101 m.p.h. at Bell Rock Lighthouse (Angus), 92 m.p.h. at Abbotsinch (Renfrew), 90 m.p.h. at Dunfanaghy Road (Donegal) and 88 m.p.h. at Bidston Observatory on the 19th and 90 m.p.h. at Tiree on the 18th. A mean hourly wind speed of 68 m.p.h. was recorded at Bell Rock Lighthouse on the 19th and one of 60 m.p.h. at Tiree late on the 18th.

Temperature.—Mean temperature was a little below the average, the deviation varying from −0·2°F. in England, SW. to −1·3°F. in Scotland, W.

Equatorial air was responsible for the two mild spells from the 13th–18th and 27th–29th, when the nights as well as the days were mild: a minimum temperature of 59°F. was recorded at Croydon and one of 58°F. at widely separated stations in England and Wales on the night of the 27th–28th. Some warm days occurred earlier in the month, while in southern Ireland, the highest temperature was recorded at certain stations on the 26th. The coldest spell occurred from the 20th–26th, the lowest temperature being registered generally on one or other of these days. Minima of 25°F. were recorded locally in Scotland on the 21st and 22nd, while in England and Wales, some extremely low values were recorded on the 21st; for example, 15°F. at Rickmansworth, 18°F. at Usk, 20°F. at Thetford and 21°F. at Larkhill and Appleby.

The extremes for the month were:—(England and Wales) 66°F. at Usk on the 6th and 27th, 15°F. at Rickmansworth on the 21st; (Scotland) 62°F. at Glenbranter on the 3rd and at Ruthwell on the 4th, 24°F. at Dalwhinnie on the 22nd; (Ireland) 66°F. at Glasnevin and Trinity College (Dublin) on the 15th and at Cork on the 26th and 29°F. at Glasnevin on the 21st.

Precipitation.—The general precipitation of the British Isles expressed as a percentage of the average for the period 1881–1915 was 139, the values for the constituent countries being England and Wales 129, Scotland 183 and Ireland 119. Less than the average rainfall occurred in parts of the southern half of the country, particularly in the extreme south and south-east of Ireland and in some areas in the eastern districts of England. In Scotland, the rainfall was very unusual; with the exception of the Eastern Counties, the Border Counties and a coastal strip in the west and north, aggregates were, as a rule, more than twice the average. At Inverness, Inveraray and Glasgow (Queen's Park) totals exceeded three times the average. At Inveraray, it was the wettest month of any name in a record which goes back to 1881. At Glasgow University and Greenock, where there are records back to 1866, the totals 7·98 in. and 12·78 in. respectively, have been exceeded only once in October, namely, in 1874. Rainfall was not only excessive but very frequent: at certain places in Argyll, Dumbartonshire, Kirkcudbrightshire, Skye and the Outer Hebrides, measurable rain fell on each day of the month.

Local thunderstorms were rather frequent and occurred at times from the 1st–6th, 8th–11th, 17th and 29th–31st.

Snow and sleet were widespread in Scotland between the 20th and 22nd, and occurred also at a few places in the north of England and in North Wales. Local snow or sleet showers were reported in Scotland also from the 9th–11th, 17th–19th, 26th and 29th–31st.

Among heavy falls in 24 hours may be mentioned:—

3rd. 55 mm. at Stonehaven.
5th. 74 mm. at Mary Tavy (S. Devon) and 68 mm. at Tavistock.
9th. 55 mm. at Lligwy (Anglesey).
18th. 99 mm. at Glenquoich (Inverness-shire), 74 mm. at Glenshiel (Ross-shire) and 60 mm. at Fort William.
28th. 67 mm. at Dungeon Ghyll (Westmorland).

Sunshine.—Sunshine was deficient in all districts except England, E. (See Table I). In Scotland, the deficiency was general and very marked. At Inchkeith, Renfrew and Eskdalemuir, it was the dullest October since records began in 1923, 1921 and 1910 respectively, while at Paisley, where records date back to 1885, only one duller October (1920) has been experienced. The month was exceptionally dull also in north-west England and at Malin Head on the extreme north coast of Ireland. At Southport, it was the dullest October since 1903.

Fog.—Local fog occurred at times mainly from the 2nd–8th, 17th and 21st–26th. Fog was also rather persistent at the mouth of the English Channel from the 14th–16th.

Miscellaneous Phenomena.—The aurora was visible over the greater part of Scotland on the nights of the 20th and 21st, and was again seen fairly widely on the 25th and 27th. The display of the 25th was observed at Point of Ayre, Isle of Man. The aurora was reported in northern districts of Scotland also on the 1st, 4th, 10th, 22nd, 24th, 27th, 30th and 31st. Solar halos were noted at Oxford on 13 days.

Meteorological Office, Air Ministry: G. C. Simpson, K.C.B., D.Sc., F.R.S., Director. South Kensington, S.W.7, 25*th November*, 1935.

40/9999.

TABLE I.—DISTRICT VALUES.— OCTOBER, 1935. [1908, revised 1928.]

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	24	-1·1	-	-	215	+6	66	17
Eastern.									
1. SCOTLAND, E.	61	25	-1·0	-	-	160	+5	74	22
2. ENGLAND, N.E.	65	24	-0·6	-0·4	+0·3	122	+2	90	27
3. ENGLAND, E.	64	15	-0·5	-0·4	+0·6	93	-2	105	35
4. MIDLAND COUNTIES ..	64	22	-0·3	0·0	+0·6	121	+2	93	28
5. ENGLAND, S.E.	64	21	-0·4	+0·5	+1·0	110	0	98	31
Western.									
6. SCOTLAND, W. (*and I. of Man*)	62	25	-1·3	-0·1	-0·1	219	+9	62	16
7. ENGLAND, N.W. (*and N. Wales*)	65	21	-0·6	+0·3	+0·5	156	+6	71	21
8. ENGLAND, S.W. (*and S. Wales*)	66	18	-0·2	+0·1	+0·7	111	+5	89	28
9. IRELAND, N. ..	61	30	-1·0	-0·3	-0·4	161	+8	81	21
10. IRELAND, S. ..	66	29	-0·7	-1·3	-0·2	89	+5	99	28
11. CHANNEL I. (*and Scilly*)	62	39	-0·8	-0·8	+0·2	101	+2	81	30
Mean : DISTRICTS 1—10	66	15	-0·7	-0·2	+0·3	134	+4	86	25

TABLE II.—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND.— OCTOBER, 1935. [1914.]

DISTRICT AND STATION.	Height.			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.	
					hr.		hr.	hr.	hr.	hr.	hr.	°	mi/hr.	m/s.	day. hr.	mi/hr.	m/s.	d. h.	m.
0. SCOTLAND, N.	ft.	ft.	ft.																
Shetland. ‡Lerwick	310	53	39	5, 14, 18-20, 26, 30	31	29	320	277	97	19	0	270	50	22	14 10	81	36	19 16	55
Orkney. Kirkwall	170	40	35	-	0	17	132	414	169	29	0	170	38	17	18 19	71	32	19 17	35
Hebrides. Stornoway†	—	—	—	5, 7, 13-20, 26, 29	86	25	329	246	82	1	0	250	56	25	30 10	86	38	18 17	20
1. SCOTLAND, E.																			
Aberdeen. Aberdeen	70	42	32	-	0	5	31	247	419	47	0	270	33	15	19 11	60	27	19 10	40
Kincardine. Balmakewan ..	140	25	20	-	0	4	14	132	(462)	(136)	0	150	34	15	19 03	61	27	19 02	40
Angus. Bell Rock Lighthouse	130	—	126	3, 14, 17-20, 29-31	58	25	261	309	83	33	0	240	68	30	19 04	101	45	19 03	55
Edinburgh. Edinburgh	485	39	23	18,19	12	7	36	297	268	107	24	190	43	19	18 20	72	32	18 19	05
6a. SCOTLAND, W.																			
Argyll. Tiree	75	50	42	17-20,30	31	24	231	344	127	11	0	230	60	27	18 24	90	40	18 24	00
Renfrew. Paisley	188	81	31	-	0	3	25	182	431	106	0	260	38	17	19 05	84	38	19 02	00
Renfrew. Abbotsinch ..	65	46	33	19	5	13	48	249	283	159	0	260	55	25	19 03	92	41	19 02	45
Dumfries. Eskdalemuir ..	825	50	35	18,19	12	15	83	277	247	125	0	210	43	19	18 21	87	39	19 08	00
2. ENGLAND, N.E.																			
Durham. South Shields ..	73	57	44	19	3	8	49	218	340	130	4	270	40	18	19 11	70	31	19 08	10
Yorks., N.R. Catterick	220	45	33	19	4	5	31	154	357	198	0	270	40	18	19 11	75	33	19 10	50
Yorks., E.R. Spurn Head ..	64	42	34	19,29	15	13	134	371	217	7	0	280	50	22	19 13	78	35	19 12	05
Lincoln. Cranwell	284	43	33	-	0	8	72	299	313	60	0	210	38	17	19 02	62	28	19 10	50
3. ENGLAND, E.																			
Norfolk. Gorleston	52	42	34	-	0	10	39	244	409	52	0	180	32	14	9 20	55	25	19 12	55
Suffolk. Felixstowe Aero. ..	65	50	40	-	0	9	55	340	308	41	0	180	36	16	9 20	56	25	19 12	50
Bedford. Cardington ..	285	150	135	9, 10, 19, 31	11	11	114	329	271	19	0	210	45	20	19 02	69	31	19 12	50
Essex. Shoeburyness ..	115	104	89	19,31	2	13	99	392	234	17	0	210	41	18	31 17	59	26	19 06	10
4. MIDLAND COUNTIES.																			
Warwick. Birmingham ..	643	118	73	-	0	5	22	240	408	74	0	270	33	15	19 12	61	27	19 01	55
5. ENGLAND, S.E.																			
London. South Kensington ..	137	110	30	-	0	0	0	191	517	36	0	270	24	11	19 14	66	29	19 13	00
Surrey. Kew Observatory ..	92	75	50	-	0	1	1	160	451	132	0	230	26	11	19 03	55	25	19 13	10
Surrey. Croydon	313	105	70	-	0	9	58	227	350	109	0	280	33	15	19 14	55	25	19 13	05
Kent. Dover	66	66	60	9	1	11	93	321	315	14	0	-	39	17	9 19	59	26	19 04	15
Kent. Lympne	418	76	48	10	1	10	71	204	448	20	0	220	40	18	10 07	67	30	10 06	30
Hampshire. Calshot	58	50	42	31	1	11	62	257	347	77	0	210	39	17	31 16	57	25	31 15	25
Wiltshire. Boscombe Down ..	462	45	33	-	0	7	43	205	354	142	0	260	37	17	19 12	66	29	19 14	05
Wiltshire. Larkhill	491	51	36	-	0	9	60	236	370	78	0	220	36	16	31 15	64	29	31 14	50
7a. ENGLAND, N.W.																			
Lancashire. Fleetwood	112	50	31	17, 18, 19, 29	30	14	104	323	246	41	0	290	52	23	19 14	79	35	19 04	50
Lancashire. Manchester (Barton)	153	83	80	19,27,29	32	11	78	283	245	106	0	290	50	22	19 14	75	33	19 10	55
Lancashire. Southport	60	42	33	18, 19, 27, 29, 30	32	16	142	245	281	44	0	270	54	24	19 11	77	34	19 13	00
Cheshire. Bidston Obs'y. ..	262	64	39	19,27,29	41	12	106	229	268	41	59	270	52	23	19 13	88	39	19 13	55
7b. NORTH WALES.																			
Anglesey. Holyhead	68	43	38	1, 19, 20, 29	31	17	145	378	169	21	0	270	48	21	19 14	76	34	19 06	25
Flint. Sealand	81	65	42	-	0	9	55	191	378	120	0	260	38	17	19 20	74	33	27 18	40
8a. SOUTH WALES.																			
Pembroke. St. Ann's Head ..	—	—	—	-															
8b. ENGLAND, S.W.																			
Devon. Plymouth	185	88	65	8	1	11	54	263	328	98	0	-	39	17	8 07	60	27	8 07	00
Cornwall. The Lizard	315	75	60	10,28,29	14	18	207	272	233	18	0	230	42	19	10 03	62	28	29 16	10
Cornwall. Pendennis Castle ..	256	65	42	9, 10, 18, 30	10	16	135	256	294	49	0	250	45	20	9 22	68	30	28 01	35
9. IRELAND, N.																			
Donegal. Dunfanaghy Road	180	47	30	17-19, 27, 30	44	12	91	300	238	71	0	-	57	25	19 04	90	40	19 00	50
Antrim. Aldergrove	282	40	20	-	0	5	39	284	349	72	0	250	36	16	19 04	72	32	21 16	20
10. IRELAND, S.																			
Dublin. Kingstown (Cup Anr.)	49	27	27	16, 18, 19, 27, 30	25	19	177	333	189	20	0	240	45	20	18 24				
Clare. Quilty	100	40	32	18,19	13	13	155	386	183	7	0	-	41	18	19 03	61	27	19 12	40
Kerry. Valentia Observatory	98	41	33	-	0	13	77	368	258	41	0	220	33	15	18 19	62	28	18 17	10
Cork. Cork	132	71	40	-	0	0	0	63	316	341	24	-	21	9	30 17	50	22	19 12	55
11. SCILLY ISLES.																			
St. Mary's	230	65	57	19,28	5	20	250	330	144	15	0	280	41	18	28 01	61	27	19 23	25

‡‡ Brackets ( ) indicate that the distribution as between winds above and below 4 m.p.h. is doubtful, but the total number of hours with winds below 12 m.p.h. is reliable.

‡ Data inaccurate prior to October, 1929 (*see* 1933 Annual Summary, Wind Section).

† Figures are for the Butt of Lewis.

MONTHLY WEATHER CHARTS, OCTOBER, 1935.

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

The dotted lines indicate the normal distribution of pressure in October, based on 35 years' observations, 1881–1915.

998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1009 1010 1011 1012 1013 1011 1012 1013 1014

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 H J K L M N O P Q R S

SCALE 1:25,000,000.

Positions of centres are shown 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°

47° 48° 49° 50° 53° 54° 51° 52° 58°

Sea temperatures are shewn in large figures, thus: 52°

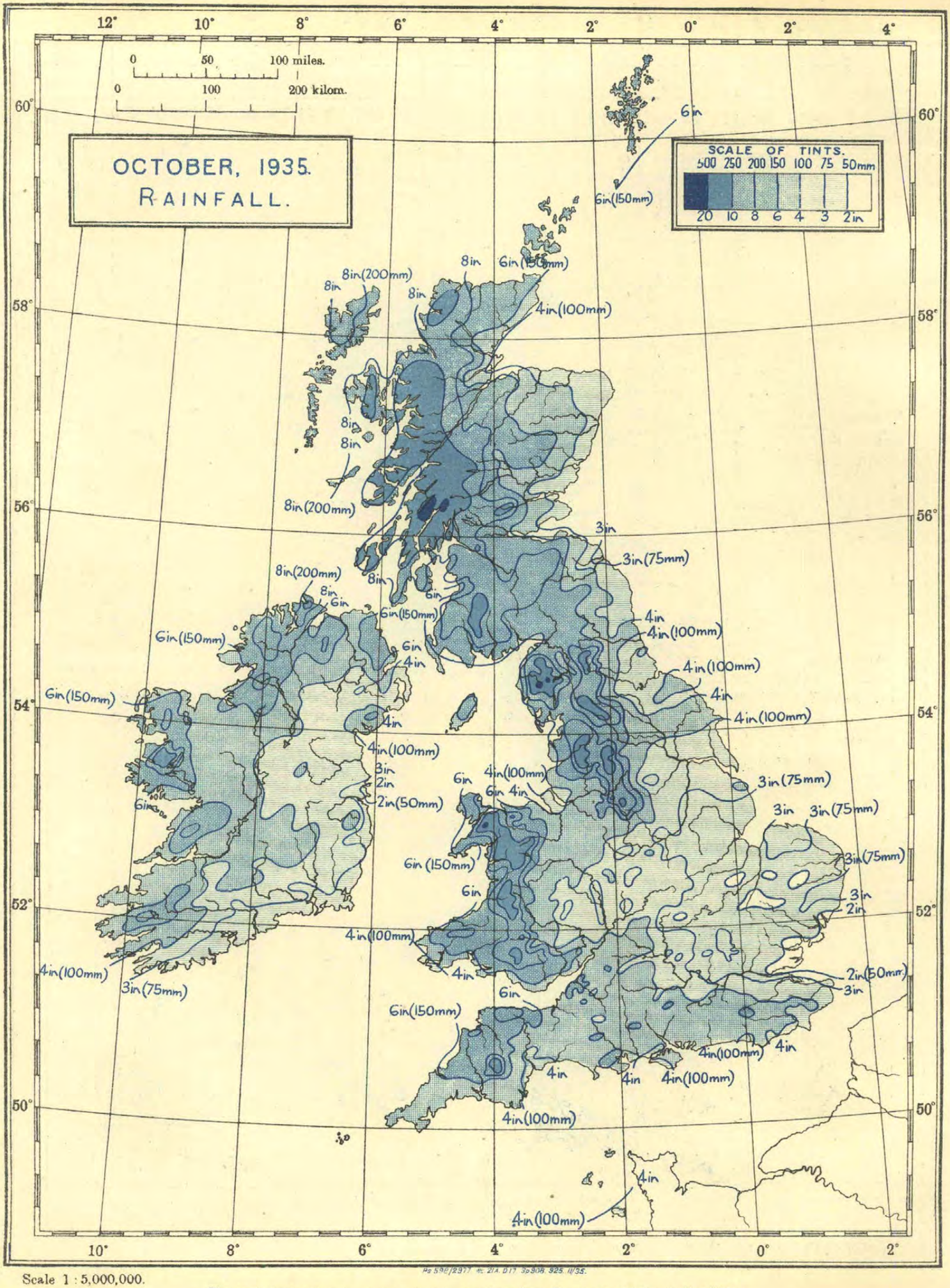
4. BRIGHT SUNSHINE, HOURS PER DAY.

SCALE OF TINTS. Hrs. 4·0 3·0 2·0 1·0

1·5 2·0 2·5 3·0 3·5 4·0

H.M. Stationery Office Press, Kingsway W.C.2

*The pressure is expressed in millibars.



Scale 1 : 5,000,000.

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

TABLE III.—SUMMARY of the RECORDS of TEMPERATURE, RAINFALL and SUNSHINE, and of WEATHER OBSERVATIONS, OCTOBER, 1935

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.		Difference from Average.	Most in a day. Amount.	Date.	WEATHER. Number of days. Precip'n. 0·2 mm. or more.	1 mm. or more.	Snow.	Snow lying.	Hail.	Thunderstorm.	Fog (Morn'g Obs.	Ground Frost.	Gale.	BRIGHT SUNSHINE. Hours per day. Daily Mean.	Difference from Average.	Per Cent.
0. SCOTLAND, N.		G.M.T.	ft.	°F.	°F.	°F.	°F.	°F.		°F.		°F.	°F.	in.	mm.	mm.	mm.											hr.	hr.	%
Shetland.	Baltasound ..	9 9 9	31	49·7	42·0	45·9	*-0·4*	55	3	32	21	47·5	–	6·84	174	+ 63	18	18	31	24	2	0	11	2	0	–	4	1·65	*-0·36*	16
	Lerwick .. ¶§	18–7 7	156	48·8	42·9	45·9	*-0·6*	56	14	32	20,21	–	–	6·35	161	–	18	5	27	26	2	0	12	1	0	–	10	1·41	*-0·96*	14
Orkney.	Deerness	2121 9	160	49·7	41·9	45·8	*-1·4*	56	15	32	20	–	–	6·46	164	+ 68	21	16	27	23	6	0	3	1	0	–	–	1·98	-0·53	19
	Kirkwall .. ¶§	9 9 9	113	49·8	41·6	45·7	*-1·3*	55	14,15	33	20,21,22	50·7	–	7·14	181	+ 81	20	16	27	25	9	0	3	2	0	1	4	1·89	-0·74	19
Hebrides.	Skallary	101010	30	53·2	44·8	48·9	–	57	2,14,16	36	19	–	–	6·79	172	–	16	19	29	27	0	0	3	0	–	–	–	–	–	–
	Stornoway(C.G.) ¶§	18–7 7	80	50·6	43·1	46·9	*-0·1*	56	15	34	20	–	–	7·53	191	–	27	18	31	28	1	0	7	1	0	–	7	1·80	-0·75	17
	Stornoway ..	– – 9	30	–	–	–	–	–	–	–	–	–	–	9·03	229	+ 97	33	18	31	31	–	–	–	–	–	–	–	–	–	–
Skye.	Duntulm ..	9 9 9	294	52·1	43·1	47·6	–	57	6,16,25	32	23	–	–	7·56	192	–	22	18	30	29	2	0	5	0	0	–	7	1·45	–	14
Caithness.	Wick	18–7 7	81	50·5	41·4	45·9	*-1·0*	58	14	31	22	–	–	4·56	116	+ 41	26	5	25	19	3	0	2	0	0	–	4	–	–	–
Ross & Cromarty.	Achnashellach ..	9 9 9	225	52·1	36·6	44·3	–	58	1,19	30	25	–	–	15·10	383	+179	49	18	28	27	1	1	1	0	0	11	–	–	–	–
	Fortrose	9 9 9	69	51·4	41·5	46·5	*-1·0*	58	1,15	32	22	–	–	4·31	109	–	17	29	21	17	0	0	0	0	0	–	5	1·74	*-1·41*	17
Inverness.	Dalwhinnie ..	18–7 7	1176	46·5	37·9	42·2	–	55	15	24	22	–	–	10·75	273	–	34	31	27	26	5	4	1	0	0	7	3	0·98	–	10S
	Ft. Augustus ¶	9 9 9	68	51·2	40·7	45·9	-1·1	58	1,15	31	22,23	–	–	7·13	181	+ 81	25	19	27	23	1	0	0	1	0	–	–	1·22	–	12S
	Ft. William ..	9 9 9	34	52·6	42·5	47·5	*-0·3*	58	1	32	22	47·5	51·0	15·22	387	+210	60	18	28	27	1	0	0	3	0	3	1	0·84	–	8S
	Inverness ¶§	9 9 9	242	50·4	41·5	45·9	*-1·8*	58	15	32	22	–	–	7·63	194	+134	45	4	22	18	3	0	0	1	0	2	2	1·78	*-1·16*	17
1. SCOTLAND, E.																														
Nairn.	Nairn .. ¶§	9 9 9	20	51·7	41·2	46·5	*-1·4*	60	15	32	22	–	–	4·73	120	+ 60	17	18	25	17	1	0	0	0	0	–	2	1·96	*-1·17*	19
Moray.	Forres	9 9 9	155	52·0	40·5	46·3	–	61	15	33	21,22	–	–	4·64	118	–	27	5	22	14	2	0	2	0	0	–	1	2·16	–	21
	Gordon Castle ..	2121 9	104	52·4	40·2	46·3	-1·2	59	15	31	21,22	–	–	3·49	89	+ 9	17	5	18	15	1	0	0	0	–	–	–	2·17	*-1·00*	21S
Banff.	Banff	9 9 9	130	51·1	41·8	46·5	*-0·8*	57	26	34	22	–	–	3·42	87	+ 10	13	19	24	19	1	0	2	0	0	0	1	2·49	*-0·76*	24S
Aberdeen.	Aberdeen ¶§	242424	79	51·7	41·5	46·6	-1·0	59	15	32	22	48·2	51·1	3·14	80	+ 4	16	4	20	16	2	0	2	0	0	5	2	2·59	-0·50	25
		18–7 –	—	51·6	41·9	46·8	*-0·7*																							
	Balmoral	9 9 9	927	48·6	36·6	42·6	*-1·8*	57	15	26	22	–	–	5·59	142	+ 51	31	19	25	18	5	5	0	0	–	13	1	–	–	–
	Braemar	2121 9	1111	48·5	37·3	42·9	-1·0	57	15	27	2,22	–	–	6·47	164	+ 68	40	19	26	17	4	4	0	0	0	7	2	1·53	–	15S
	Craibstone ..	9 9 9	300	50·6	40·3	45·5	–	57	15,16	31	22	47·3	49·9	3·88	99	+ 16	24	3	21	13	3	0	2	0	–	3	–	2·81	–	27
	Logie Coldstone ..	9 9 9	608	51·1	37·5	44·3	-1·0	61	16	28	22	–	–	4·10	104	+ 22	19	19	23	14	3	0	0	0	0	9	–	–	–	–
Kincardine.	Balmakewan ..	9 9 9	80	53·0	39·8	46·4	–	59	16	28	22	–	–	4·76	121	+ 44	47	3	23	19	2	0	0	2	0	16	2	–	–	–
	Stonehaven ..	9 9 9	12	53·0	40·8	46·9	–	60	16	30	22	–	–	4·22	107	–	55	3	24	14	2	0	1	0	0	–	–	2·60	–	25
Angus.	Arbroath	2121 9	93	52·7	40·3	46·5	-1·4	59	14	30	22	–	–	3·76	95	+ 29	21	3	21	16	0	0	0	0	1	12	2	2·53	–	24
	Carnoustie ..	9 9 9	39	52·0	41·7	46·9	*-0·6*	59	14	32	22	–	–	3·09	78	+ 7	17	3	21	16	0	0	0	0	–	–	2	2·27	*-0·88*	22
	Dundee ¶§	9 9 9	147	51·9	42·1	47·0	*-0·1*	58	4,14,16	32	22	48·1	–	3·82	97	+ 31	24	2	22	20	1	0	0	0	–	9	4	2·15	*-1·00*	21
	Kettins	9 9 9	218	51·4	39·3	45·3	*-0·8*	58	1,14,16	28	22	47·0	–	4·87	119	+ 38	32	2	24	19	1	0	1	0	0	8	6	–	–	–
	Montrose	9 9 9	16	52·4	41·4	46·9	*-0·4*	59	14	31	22	–	–	3·50	89	–	38	3	22	14	1	0	0	0	0	–	1	2·47	*-0·86*	24
Perth.	Crieff	2121 9	478	51·2	39·0	45·1	-1·5	58	15,16	28	22	–	–	6·18	157	+ 57	33	2	26	21	2	0	2	1	–	–	3	–	–	–
	Perth	9 9 9	76	52·5	40·0	46·3	-0·8	60	4	28	22	–	–	4·99	127	+ 52	20	3	22	20	1	0	1	0	–	–	–	1·84	*-1·09*	18S
Fife.	Cupar	9 9 9	210	51·9	41·4	46·7	*-0·8*	57	4,15,26	29	22	–	–	4·36	111	–	24	2	23	20	0	0	0	0	–	–	–	–	–	–
	Dunfermline ..	9 9 9	237	51·9	41·7	46·8	–	59	15	29	22	49·2	52·4	6·26	159	–	36	2	25	19	2	0	0	2	1	3	3	1·68	–	16
	Inchkeith ..	18–7 7	190	52·1	44·5	48·3	*-1·1*	59	15	34	31	–	–	3·87	98	+ 41	12	3	23	18	2	0	0	0	0	1	3	1·99	–	19
	Kirkcaldy ..	9 9 9	63	52·6	42·2	47·4	*-1·4*	60	4	31	22	–	–	4·44	113	–	21	2	24	18	0	0	0	0	–	–	–	–	–	–
	Leuchars ..	18–7 7	35	52·5	41·5	47·0	*-0·7*	58	14	29	22	–	–	3·65	93	+ 27	23	3	24	18	0	0	0	0	0	7	2	2·34	*-1·21*	23
	St. Andrews ..	9 9 9	13	52·6	41·8	47·2	*-0·3*	58	14,15,26	29	22	48·5	51·9	3·53	90	+ 18	18	3	24	18	0	0	1	0	0	4	–	2·43	*-0·73*	23
Mid Lothian.	Edinburgh—																													
	Blackford H. ¶§	2121 9	441	51·9	42·3	47·1	-0·9	59	15,16	31	22	–	–	6·38	162	+ 92	17	29	25	21	1	0	0	2	1	2	3	2·34	-0·87	23
	Boghall	9 9 9	639	50·5	41·2	45·9	–	58	15	30	22	45·9	49·9	6·87	174	–	19	29	25	20	2	0	1	1	0	2	–	2·06	–	20
	Liberton	9 9 9	190	53·0	42·8	47·9	–	60	15	29	22	–	–	6·89	175	–	19	29	27	22	1	0	0	1	–	–	–	–	–	–
	Univ. King's B.	9 9 9	225	53·0	43·2	48·1	–	61	15	31	22	47·8	51·8	6·39	162	–	18	29	26	20	–	–	–	–	–	–	–	–	–	–
E. Lothian.	Dunbar	9 9 9	75	52·9	43·3	48·1	–	61	15	33	21,22	–	–	4·20	107	–	18	4	22	19	0	0	0	0	0	3	1	2·44	–	23
	N. Berwick ..	9 9 9	118	52·7	42·0	47·3	–	59	14	31	22	–	–	3·69	94	+ 22	15	2	23	18	0	0	0	0	0	5	1	1·94	–	19
Berwick.	Marchmont ‖ ¶§	9 9 9	498	51·1	39·2	45·1	-1·6	59	14	30	21,22	–	–	4·43	113	+ 16	16	2	27	19	1	0	1	1	–	–	4	2·15	-0·46	21S
Peebles.	Peebles	9 9 9	629	52·0	39·9	45·9	–	60	15	26	22	–	–	6·46	164	–	20	2	27	23	1	0	0	0	0	4	1	1·38	–	13
	West Linton ..	9 9 9	820	49·9	39·3	44·6	*-0·4*	56	4,13,14	25	22	46·2	49·6	8·25	210	–	24	3	25	25	1	1	0	1	4	6	1	–	–	–
Roxburgh.	Kelso (Br'ml'ds)	9 9 9	193	53·0	40·4	46·7	-0·8	60	16	28	23	–	–	3·75	95	+ 21	15	4	23	18	0	0	0	0	0	–	1	–	–	–
	Wolfelee	9 9 9	537	50·3	39·4	44·9	-1·0	57	15,27	25	21	–	–	6·02	153	+ 55	19	4	27	20	2	0	1	0	1	–	3	–	–	–
6*a*. SCOTLAND, W.																														
Argyll.	Ardtornish ..	2121 9	48	52·5	40·0	46·3	*-1·4*	58	5,6	30	22	–	–	13·23	336	–	38	27	28	27	1	0	2	4	–	2	–	–	–	–
	Colonsay	9 9 9	100	53·7	44·3	49·0	–	58	5	37	20,30	–	–	10·04	255	–	26	26	30	28	1	0	9	1	–	–	–	–	–	–
	Dunoon	9 9 9	46	53·6	41·6	47·6	–	60	1,15	28	22	48·3	50·4	18·11	460	–	48	27	30	26	4	0	4	4	0	4	–	1·20	–	12S
	Glenbranter ..	9 9 9	188	51·6	40·4	46·0	–	62	3	27	22	–	–	19·58	497	–	43	2	27	27	1	0	0	1	1	5	1	–	–	–
	Oban	9 9 9	229	50·6	40·6	45·6	-3·3	59	5	32	23	–	–	10·11	257	–	31	9	28	27	2	0	3	2	0	6	1	1·44	*-1·31*	14
	Tiree	18–7 7	22	52·5	46·0	49·3	–	57	1,15	39	22,30,31	–	–	7·25	184	+ 68	16	27	29	26	0	0	6	1	0	0	8	2·34	–	23
Bute.	Rothesay ¶§	2121 9	200	52·7	43·2	47·9	-0·6	58	15	34	22	48·3	50·8	11·38	289	+177	33	2	27	27	1	0	7	3	1	4	6	1·79	*-0·78*	17
Dumbarton.	Cardross	9 9 9	130	52·0	41·7	46·9	*-0·6*	58	1	28	22	–	–	9·89	251	–	40	2	27	25	2	0	0	1	7	–	3	1·40	*-1·04*	13S
	Helensburgh ..	9 9 9	293	52·0	41·5	46·7	-0·6	59	1,5	29	22	–	–	12·32	313	+195	35	2	28	26	1	0	0	1	6	–	1	1·50	*-1·00*	14
Stirling.	Stirling	9 9 9	151	52·2	42·9	47·5	*-0·6*	58	15	31	22	47·6	53·6	8·30	211	–	35	2	26	23	1	1	1	1	3	3	–	0·98	*-1·91*	9S
Renfrew.	Greenock	9 9 9	199	52·8	43·7	48·3	0·0	58	15	34	22,23	–	–	12·78	325	+188	42	2	28	25	2	0	4	1	6	2	1	–	–	–
	Paisley	2121 9	106	52·8	43·2	48·0	-0·6	59	14	31	22	49·2	52·8	8·88	226	+131	38	2	26	23	1	0	3	0	0	3	–	1·60	*-0·92*	15
	Renfrew ¶§ (Abbotsinch)	18–7 7	19	52·4	42·1	47·3	*-0·6*	58	1,15,27	25	22	–	–	8·30	211	+124	29	2	26	22	1	0	3	1	2	7	3	1·53	*-1·10*	15
Lanark.	Dungavel ..	9 9 9	798	48·8	39·8	44·3	*-0·8*	55	4,5	26	22	–	–	9·36	238	–	23	7	28	22	0	0	0	1	1	3	–	–	–	–
	Glasgow	9 9 9	85	52·2	44·1	48·1	*-0·1*	58	14	32	22	–	51·8	7·98	203	+117	31	2	29	22	1	0	2	2	3	–	–	–	–	–
	Thorntonhall ..	9 9 9	440	51·2	41·0	46·1	*-0·4*	58	13	26	22	–	–	9·72	247	–	28	2	27	23	1	0	6	1	–	4	5	1·60	*-0·86*	15
Ayr.	Auchincruive ..	9 9 9	89	53·1	42·9	48·0	–	59	15	25	22	50·1	53·2	6·96	177	–	20	2	26	20	1	0	2	3	0	6	5	1·35	–	13
	Colmonell	9 9 9	170	53·7	43·4	48·5	*-1·0*	59	5,15	27	22	–	–	7·07	180	+ 67	27	26	25	20	1	0	3	3	0	1	–	–	–	–
	Troon	9 9 9	15	53·5	46·0	49·7	–	59	1,5	32	22	–	–	8·06	205	–	26	10	25	22	1	0	5	1	1	1	4	1·24	–	12
	Turnberry	9 9 9	30	53·3	45·7	49·5	*-0·1*	58	5,15	36	22	–	–	7·36	187	–	24	8	22	20	0	0	0	0	0	1	1	1·64	*-1·09*	16
Dumfries.	Dumfries .. ¶§	2121 9	140	53·1	41·8	47·5	-0·8	59	16,27	28	21	49·9	52·5	6·75	171	+ 76	32	2	27	21	2	0	2	0	1	9	2	1·87	*-0·94*	18
	Eskdalemuir ¶§	242424	794	50·0	37·4	43·7	*-1·2*	57	16	26	21	48·6	51·3	10·38	264	+127	30	8	28	25	5	0	3	0	0	8	5	1·65	*-1·03*	16
		18–7 –	—	49·7	39·6	44·7	*-0·9*																							
	Ruthwell	2121 9	67	53·9	40·3	47·1	*-1·0*	62	4	25	21	–	–	7·06	179	–	29	7	26	21	0	0	0	1	–	–	2	1·80	*-1·17*	17S
	Thornhill ..	9 9 9	670	50·6	40·5	45·5	–	57	4	28	21	–	–	6·59	167	–	22	2	28	23	0	0	0	0	0	–	2	–	–	–

¶§ S *See* Notes on Tables on last page of this issue. ‖ From 1st to 5th inclusive, observations were taken one hour earlier than the times shown.

TABLE III (*continued*).—SUMMARY of the RECORDS of TEMPERATURE, RAINFALL and SUNSHINE, and of WEATHER OBSERVATIONS, OCTOBER, 1935

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. in.	mm.	Difference from Average. mm.	Most in a day. Amount. mm.	Date.	WEATHER. Number of days. Precip'n. 0·2 mm. or more.	1 mm. or more.	Snow.	Snow lying.	Hail.	Thunderstorm.	Fog (Morn'g Obs.)	Ground Frost.	Gale.	BRIGHT SUNSHINE. Hours per day. Daily Mean.	Difference from Average.	Per Cent.
6b. ISLE OF MAN.		G.M.T.	ft.	°F.	°F.	°F.	°F.	°F.		°F.		°F.	°F.	in.	mm.	mm.	mm.											hr.	hr.	%
Isle of Man.	Douglas	9 9 9	284	53·9	46·0	49·9	*0·0*	58	3,13,27	36	22	-	-	5·94	151	+36	39	2	26	21	0	0	5	0	0	0	4	3·10	-0·08	30
	Point of Ayre ..	18-7 7	30	54·9	47·2	51·1	-	61	15,18	37	22	-	-	5·88	149	-	48	2	29	22	1	0	2	0	0	-	4	2·63	-	25
2. ENGLAND, N.E.																														
Northum-berland.	Berwick-on-T. ..	9 9 9	76	52·5	41·7	47·1	-	59	15	31	21	-	-	2·56	65	- 8	15	2	22	16	0	0	1	0	1	1	-	2·43	-	23
	Bellingham ..	9 9 9	849	50·2	38·6	44·4	*-1·3*	57	4,5	27	21	-	-	5·27	134	+34	24	18	24	20	1	0	1	0	0	-	-	-	-	-
	Cockle Park ¶§	2121 9	325	53·0	39·8	46·4	-0·9	59	5	31	21,25	45·1	49·3	3·67	93	+ 6	19	2	28	16	0	0	0	0	1	6	2	2·47	-0·67	23
	Tynemouth ..	18-7 7	108	53·5	44·3	48·9	*-1·2*	60	16	32	21	-	-	4·19	106	+30	18	2	21	16	0	0	0	0	0	2	1	-	-	-
Durham.	Chopwellwood ..	9 9 9	446	53·3	40·8	47·1	*0·0*	60	27	31	21,25	-	-	3·54	90	+ 5	15	4	21	17	0	0	0	1	0	6	-	2·11	*-1·01*	20
	Durham .. ¶§	2121 9	336	54·3	40·4	47·3	-0·4	62	16	28	23,25	-	-	3·62	92	+12	17	4	20	18	0	0	0	0	2	9	2	2·41	-0·54	23
	Houghall ..	9 9 9	160	55·9	39·5	47·7	-	65	16	25	25	-	-	3·92	100	-	15	4	22	17	0	0	1	0	2	13	0	2·53	-	24
	Ushaw College ..	9 9 9	594	52·2	41·3	46·7	-1·0	60	16	31	21,25	-	-	3·77	96	+ 9	17	4	22	17	0	0	0	0	6	-	-	-	-	-
Yorks., N. Riding.	Ampleforth ..	9 9 9	313	53·5	40·6	47·1	-1·2	62	16	28	21	-	-	3·78	96	-	19	4	18	12	0	0	0	2	2	10	-	2·63	-	25
	Castleton ..	9 9 9	450	53·3	39·3	46·3	-	62	16	24	23	48·2	-	4·45	113	-	25	4	21	16	0	0	1	0	0	10	-	-	-	-
	Catterick ..	18-7 7	175	53·5	41·8	47·7	-	62	16	25	25	-	-	3·54	90	-	17	4	21	14	0	0	0	1	1	8	1	2·47	-	24
	Scarborough †¶§	9 9 9	118	55·6	44·2	49·9	*-0·8*	62	16	33	21	-	52·9	3·91	99	+20	16	9	19	16	1	0	1	1	1	1	1	3·24	+0·07	31
	York .. ¶§	2121 9	57	55·9	42·5	49·2	-0·4	62	16	29	21	50·6	54·0	4·80	122	+54	32	4	18	13	0	0	0	2	-	-	2	2·81	-0·01	27
Yorks., E. Riding.	Hull	2121 9	8	56·4	43·9	50·1	+0·4	64	16	31	21	49·9	53·9	3·58	91	+15	17	9	18	13	0	0	0	1	1	4	-	3·01	-	29
	Spurn Head ..	18-7 7	29	55·1	46·2	50·7	*-0·8*	60	1,13,15	36	21	-	-	3·23	82	+12	15	31	21	15	0	0	0	1	0	-	2	3·36	*-0·26*	32
Lincoln.	Cranwell .. ¶§	18-7 7	240	55·7	42·8	49·3	*-0·6*	63	16	27	21	49·3	53·1	2·34	59	-14	10	9	16	12	0	0	1	2	3	4	1	3·30	*-0·50*	31
	Cleethorpes ..	9 9 9	23	55·8	43·1	49·5	-	62	29	31	21,23	-	-	3·67	93	-	15	31	22	18	0	0	0	1	0	3	-	3·40	-	32
	Skegness ..	9 9 9	15	56·5	43·6	50·1	*+0·2*	63	16	29	21	-	-	2·80	66	- 4	18	31	17	12	0	0	0	3	0	2	-	3·41	*-0·31*	32
3. ENGLAND, E.																														
Norfolk.	Cromer	9 9 9	178	56·2	44·1	50·1	*-1·0*	63	4	35	21	-	-	2·27	58	-12	15	9	16	14	0	0	0	1	0	0	0	3·63	*-0·03*	34
	Hunstanton ..	9 9 9	105	55·8	43·8	49·8	-	62	4,16	34	26	-	-	2·89	73	-	21	9	18	13	0	0	0	2	0	-	-	3·18	-	30
	Norwich	9 9 9	110	56·9	42·2	49·5	*-1·0*	64	4	29	21	49·0	-	2·91	74	-	20	9	20	15	0	0	1	1	-	8	-	3·64	*-0·09*	34
	Sprowston ..	9 9 9	93	57·2	42·5	49·9	-	64	4	31	21,24,26	-	-	3·03	77	-	17	9	18	13	0	0	0	1	0	10	-	3·83	-	36
	Terrington ..	9 9 9	13	57·2	42·2	49·7	-	64	16	28	21	-	-	2·86	73	-	17	9	16	14	0	0	0	1	1	6	-	3·27	-	31
	Thetford .. (Lynford Nursery)	9 9 9	99	56·8	39·6	48·2	-	62	14	20	21	49·5	54·3	2·26	57	-	16	9	17	14	0	0	1	1	2	8	-	3·55	-	33
	Yarmouth ¶§	18-7 7	5	56·7	46·0	51·3	*-0·8*	62	14,19	32	21	52·1	56·5	2·20	56	-18	8	9	17	14	0	0	2	3	0	0	0	4·02	*+0·26*	38
Suffolk.	Bungay (Flix'n) ..	9 9 9	79	56·8	43·1	49·9	*-0·9*	63	4	28	21	-	-	2·18	55	-	13	9	15	14	0	0	0	1	0	6	-	-	-	-
	Copdock	9 9 9	164	57·4	42·9	50·1	*-0·2*	62	4	30	21,26	50·5	54·4	3·26	83	-	39	9	13	10	0	0	0	2	1	6	-	3·71	*-0·09*	35
	Felixstowe ..	18-7 7	15	56·8	47·1	51·9	*-0·6*	61	1,4,29	32	21	-	-	1·71	43	-15	8	9	15	13	0	0	0	1	1	2	0	3·95	*-0·18*	37
	Hartest	9 9 9	250	56·8	41·8	49·2	-	62	4	27	21	-	-	1·93	49	-	17	9	19	11	0	0	0	0	0	7	-	3·37	-	37
	Lowestoft ..	9 9 9	82	57·1	44·2	50·7	*-1·0*	63	14	30	21	52·3	55·0	2·30	58	-13	13	9	18	13	0	0	1	0	0	4	0	4·28	*+0·55*	40
Cambridge.	Cambridge ¶§ (Bot. Gdns.)	2121 9	41	56·9	42·2	49·5	-0·7	61	10,14,29	25	21	51·3	55·4	1·95	50	-10	14	9	13	10	0	0	0	1	2	0	6	0	3·50	0·00	33
	(Univ. Farm) ..	9 9 9	78	57·3	42·6	49·9	-	62	16	28	21	-	-	2·22	56	-	16	9	16	10	0	0	0	1	2	4	0	3·59	-	34
Bedford.	Luton	9 9 9	381	55·9	42·8	49·3	*-0·4*	62	15	25	21	53·0	57·1	2·51	64	-	22	9	16	7	0	0	0	1	4	-	3·39	*-0·31*	32
	Woburn	9 9 9	291	55·9	42·2	49·1	-0·2	61	16	25	21	49·4	53·6	2·84	72	+ 4	23	31	18	12	0	0	0	3	0	4	-	3·47	+0·24	33
Hertford.	Rickmansworth	9 9 9	192	58·2	35·3	46·7	-	63	'5,7	15	21	50·1	55·2	3·31	84	-	20	9	21	13	0	0	0	1	5	20	0	3·44	-	328
	Rothamsted ¶§	9 9 9	420	54·5	42·3	48·4	-0·9	59	15,18	27	21	49·9	-	2·77	70	- 8	25	9	16	10	0	0	0	2	0	5	0	3·62	+0·20	34
	St. Albans ..	9 9 9	272	56·7	41·7	49·2	-	61	15,16	23	26	51·5	-	2·86	73	0	25	9	13	9	0	0	0	3	0	6	-	-	-	-
Essex.	Clacton-on-S. ¶§	9 9 9	53	57·0	45·7	51·3	*-0·2*	61	7,14,29	29	21	52·7	55·9	2·11	54	+ 2	12	9	15	11	0	0	1	1	0	3	-	3·91	*+0·02*	37
	Chelmsford ..	9 9 9	134	57·7	42·1	49·9	*+0·2*	62	16,29	26	21	-	-	2·70	69	+ 7	19	3	13	10	0	0	0	0	-	-	-	-	-	-
	Chelmsford (Agr. St.)	9 9 9	193	57·4	42·6	50·0	-	61	14,16,29	27	21	-	-	2·43	62	-	24	9	9	7	0	0	0	0	-	-	-	3·97	-	37
	Earls Colne ..	9 9 9	168	58·0	43·1	50·5	-	62	15	28	21	-	-	2·49	63	-	27	9	11	9	0	0	0	1	-	-	-	-	-	-
	Halstead ..	9 9 9	140	57·7	42·4	50·1	-0·3	63	7	25	26	-	-	2·65	67	-	28	9	14	10	0	0	0	2	0	-	-	-	-	-
	Shoeburyness ‡ ..	18-7 7	11	57·5	46·4	51·9	*0·0*	62	16,28	29	21	-	-	1·56	39	-18	6	4	18	10	0	0	0	1	0	3	2	3·91	*-0·26*	37
4. MIDLAND COUNTIES.																														
Yorks., W. Riding.	Askham Bryan ..	9 9 9		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Bingley	9 9 9	610	52·2	41·6	46·9	-	61	15	28	21	-	-	7·31	186	-	27	30	24	19	1	0	3	0	2	5	-	-	-	-
	Bradford ..	9 9 9	439	53·3	42·9	48·1	*-0·4*	61	15	30	21	48·6	53·8	6·94	176	+88	32	9	23	21	-	-	-	-	5	5	-	2·22	*-0·26*	21
	Doncaster ..	9 9 9		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Giggleswick ..	9 9 9	575	52·1	40·4	46·3	*-1·5*	59	12	22	21	-	-	7·09	180	-	30	9	23	23	0	0	3	0	0	-	4	1·61	-	15
	Harrogate ¶§	9 9 9	478	53·1	42·0	47·5	*-0·3*	60	15,18	30	21	49·5	51·6	5·15	131	+44	26	4	22	16	0	0	0	1	3	5	3	2·44	-0·54	23
	Huddersfield ..	2121 9	325	53·9	41·6	47·7	*-1·2*	61	15	26	25	48·9	53·1	5·98	152	+66	31	9	24	18	0	0	1	2	3	6	-	1·94	*-0·53*	18
	,, (Oakes)	9 9 9	761	52·3	41·8	47·1	-	60	6,15	30	21	47·8	50·5	9·14	232	+134	42	9	26	21	1	0	2	2	4	5	6	-	-	-
	Meltham .. **	9 9 9	514	52·8	42·0	47·3	-1·0	61	15	27	25	47·9	49·0	12·42	315	+193	53	9	27	21	0	0	2	2	3	5	-	-	-	-
	Pontefract ..	9 9 9	255	54·0	42·1	48·1	-	61	15,16	28	23	-	-	3·91	99	+31	29	4	16	14	-	-	-	-	4	5	-	-	-	-
	Sheffield	9 9 9	428	54·5	42·7	48·6	-1·1	62	15	31	25	50·0	52·5	5·07	129	+47	22	9	21	16	-	-	-	-	-	4	-	2·38	-0·38	22
	Wakefield ..	9 9 9	124	55·5	42·3	48·9	*-0·7*	64	16	28	21,23,25	49·5	52·9	4·85	118	+45	31	4	22	15	1	0	3	1	3	5	-	1·82	*-0·57*	178
Derby.	Belper (School) ..	9 9 9	222	56·3	40·3	48·3	*-0·1*	64	15	26	21	-	-	4·46	113	+33	23	9	20	18	0	0	0	0	-	-	-	-	-	-
	Belper (Q. Bk.) ..	9 9 9	280	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Buxton	9 9 9	1007	50·9	40·8	45·9	*-0·4*	59	15	26	25	47·1	50·0	10·12	257	+132	41	9	24	21	1	0	0	1	4	5	-	1·97	*-0·68*	19
Nottingham.	Attenborough ..	18 7 7	88	56·6	42·2	49·4	-	63	16	24	21	-	-	3·09	79	-	10	9	22	18	0	0	0	0	7	8	2	-	-	-
	Mansfield ..	9 9 9	357	54·8	42·9	48·7	-	62	15	31	21,25	-	-	3·91	99	-	18	9	19	16	0	0	1	1	4	-	-	-	-	-
	Nottingham ¶§	9 9 9	192	56·1	42·6	49·3	-0·1	63	15,16	27	21	49·2	53·7	3·02	77	+12	12	31	22	15	-	-	-	-	10	5	-	2·59	*-0·21*	24
	Sutton Bon'gton	9 9 9	157	56·2	41·1	48·7	-	63	15	25	21,25	50·0	-	2·96	75	+16	13	9	18	16	0	0	0	0	4	5	-	2·88	-	28
	Worksop ..	9 9 9	56	57·3	41·9	49·6	+0·1	63	14,15,16	27	21,25,26	49·8	53·1	2·80	71	+ 4	14	9	21	14	0	0	0	2	-	7	2	2·85	-	27

† At Scarborough the earth thermometer is at a depth of 3 ft.
*§ See Notes on Tables on last page of this issue.
** At Meltham the earth thermometers are at depths of 1 ft. and 2 ft.
‡ New site from 4th April 1935.

TABLE III (*continued*).—SUMMARY of the RECORDS of TEMPERATURE, RAINFALL and SUNSHINE, and of WEATHER OBSERVATIONS, OCTOBER, 1935

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. in.	mm.	Difference from Average. mm.	Most in a day. Amount. mm.	Date.	WEATHER. Number of days. Precip'n. 0·2 mm. or more.	1 mm. or more.	Snow.	Snow lying.	Hail.	Thunderstorm.	Fog (Morn'g Obs.	Ground Frost.	Gale.	BRIGHT SUNSHINE. Hours per day. Daily Mean	Difference from Average.	Per Cent.
4. MID. COUNTIES—*cont.*		G.M.T.	ft.	°F.	°F.	°F.	°F.	°F.		°F.		°F.	°F.	in.	mm.	mm.	mm.											hr.	hr.	%
Leicester.	Belvoir Castle ..	2121 9	259	55·6	42·1	48·9	0·0	63	16	28	25,26	50·9	55·2	3·08	78	+ 9	8	11	18	12	-	-	-	-	-	7	-	3·43	*-0·03*	32
North-ampton.	Oundle	9 9 9	147	57·1	41·5	49·3	*+0·2*	62	29,30	26	26	51·1	55·2	2·51	64	-	24	31	17	10	0	0	0	0	1	4	-	3·58	*+0·01*	34
	Raunds	9 9 9	213	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Roade	9 9 9	394	56·4	41·0	48·7	-	62	4	23	21	48·1	-	3·40	86	-	29	31	10	10	0	0	2	1	1	(6)	-	-	-	-	-
Warwick.	Birmingham ¶§	18–7 7	535	54·5	43·8	49·1	*-0·2*	62	15	32	23	49·3	52·7	3·37	86	+15	12	23	22	17	0	0	1	1	2	5	0	2·76	-0·03	26
	,, Sparkhill	713 7	425	56·2	42·0	49·1	*-0·4*	63	15	27	21	-	-	3·31	84	+ 9	12	31	21	18	0	0	2	1	5	7	-	-	-	-
	Coventry	9 9 9	241	56·6	41·0	48·8	*-1·1*	62	6,15	23	21	52·2	56·1	3·68	92	+21	19	31	19	15	0	0	0	0	3	5	-	3·04	*+0·13*	29S
	Rugby	2121 9	390	56·5	40·1	48·3	-	61	4,15,29	25	26	-	-	3·47	88	-	20	9	17	15	0	0	0	0	-	5	-	-	-	-
	Stratford-on-Avon	9 9 9	210	56·4	42·0	49·2	-	62	4	25	21	-	-	2·70	69	-	13	31	20	13	0	0	1	1	1	-	-	3·21	-	30
Oxford.	Oxford .. ¶§	9 9 9	208	57·4	42·8	50·1	*-0·4*	63	15,28	28	21,23	52·5	56·2	3·73	95	+22	21	9	19	11	0	0	0	3	2	4	1	3·31	0·00	31
Bucks.	Mursley	9 9 9	490	55·5	41·7	48·6	-	60	9,15	24	21	49·7	-	2·01	51	-21	17	9	15	9	-	-	-	-	-	-	-	3·00	-	28
Stafford.	Mayfield	9 9 9	374	54·7	39·1	46·9	*-0·6*	62	14,16	23	21	-	-	5·52	140	+55	26	9	23	18	0	0	0	1	-	11	-	2·24	*-0·57*	21S
Shropshire.	Newport	9 9 9	211	54·9	42·3	48·6	-	63	15	28	21	-	-	3·54	90	+23	17	9	23	16	0	0	0	0	0	6	-	2·67	-	25
	Shrewsbury ..	9 9 9	184	55·4	42·8	49·1	*-0·3*	64	15	27	23	51·7	55·5	4·20	107	-	20	9	23	15	0	0	0	0	2	6	2	2·53	-	24
Worcester.	Malvern	9 9 9	380	55·4	45·0	50·2	*+0·2*	62	28	31	23	51·4	54·8	3·34	85	+ 9	18	9	18	12	0	0	0	0	2	3	-	3·17	*-0·18*	30
	Worcester (Perdiswell)	9 9 9	94	57·6	41·9	49·7	-	64	15	24	21	-	-	2·84	72	-	16	23	17	13	0	0	0	1	-	6	-	3·07	-	29
Hereford.	Bromyard ..	9 9 9	393	55·8	40·7	48·3	*-0·2*	64	15	23	21	51·4	54·8	3·47	88	-	19	9	18	14	0	0	0	0	4	3	-	-	-	-
	Hereford ..	9 9 9	292	56·0	42·3	49·1	0·0	63	15	25	21	-	-	3·16	81	+ 3	17	23	19	13	0	0	0	2	2	4	1	-	-	-
	Ross-on-Wye ¶§	18–7 7	223	56·1	44·5	50·3	*-0·4*	63	6,28	26	21	52·2	55·5	3·58	91	+ 7	15	23	17	13	0	0	0	2	3	5	1	3·00	*-0·23*	28
Gloucester.	Bristol (Horfield)	18–7 7	206	56·6	45·0	50·8	-	64	7	28	21	53·8	56·4	6·76	172	-	32	9	23	18	0	0	4	5	4	4	0	-	-	-
	Cheltenham ..	2121 9	214	56·3	43·1	49·7	*-0·8*	63	28	27	21	52·4	57·5	4·84	123	+53	26	4	16	15	0	0	1	1	1	5	0	3·09	*-0·40*	29
	Cirencester ..	9 9 9	443	55·3	41·1	48·2	*-0·7*	62	28	25	21	-	-	5·29	134	-	36	9	20	14	0	0	1	2	2	13	-	3·42	-	32
	Parkend	9 9 9	325	55·5	41·4	48·5	-	63	28	25	21	51·4	54·5	5·03	128	-	26	9	19	15	0	0	0	0	3	8	-	2·84	-	27
5. ENGLAND, S.E.																														
London.	City, Bunhill Row..	—	—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2·81	+0·44	26
	Camden Square ..	9 9 9	110	57·5	45·5	51·5	*-0·2*	62	16,28	30	21	52·2	55·5	2·72	69	+ 2	16	9	13	10	0	0	1	1	-	3	-	-	-	-
	East Ham ..	9 9 9	15	58·1	45·7	51·9	*+0·5*	62	15,16,28	31	21	-	-	2·48	63	+ 2	25	3	11	9	-	-	-	-	-	-	-	-	-	-	-
	Enfield	9 9 9	148	57·5	43·2	50·3	*+0·2*	62	16	28	21,22,26	-	54·8	3·14	80	+11	27	3	12	10	0	0	0	2	3	3	-	3·26	-	30
	*g*Greenwich ..	2424 9	149	57·7	43·8	50·7	*-0·4*	63	16	28	21	52·7	55·3	2·57	65	+ 1	21	3	14	9	0	0	0	0	3	5	0	3·25	+0·08	30
		21–9 –	—	57·6	44·9	51·3																								
	Hampstead ..	9 9 9	450	55·7	42·5	49·1	*-0·8*	60	7,16,28	28	21	-	-	2·53	64	-	14	9	14	9	0	0	0	2	-	12	-	3·03	*-0·32*	28
	Kensington ..	18–9 9	80	57·4	46·4	51·9	*-0·6*	63	28	30	21	53·3	56·3	2·23	57	- 9	14	9	13	9	0	0	0	0	3	5	0	3·03	-	28
	Kingsway ..	—	—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3·04	-	28
	Regent's Park ..	9 9 9	129	57·5	45·2	51·3	-	62	7,16,28	30	21	-	-	2·46	63	-	16	9	13	10	0	0	0	1	4	3	-	2·92	*+0·39*	27
	Kew ¶§	242424	18	56·5	44·8	50·7	-0·2	62	16	28	21	52·3	56·1	1·96	50	-19	11	10	13	9	0	0	0	1	3	4	0	3·14	+0·12	29
	Observatory ..	18–7 –	—	56·4	45·7	51·1	*-0·7*																							
	Stroud Green ..	18 7 7	212	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Tottenham ††¶§	2121 9	51	57·5	46·2	51·9	*+0·1*	62	16,28	31	21	-	58·0	2·69	73	+ 9	26	3	11	10	0	0	0	1	-	1	-	3·31	*+0·39*	31
	Westminster ..	9 9 9	27	58·0	45·9	51·9	*-0·8*	63	28	30	21	-	-	2·37	60	- 1	14	3	12	9	0	0	0	0	-	2	-	2·98	+0·32	28
Surrey.	Addington ..	9 9 9	472	55·7	44·0	49·9	-0·3	60	1,17,28	27	21	-	-	3·79	96	-	35	3	15	11	0	0	0	0	0	-	-	-	-	-
	Croydon	18–7 7	217	56·7	45·4	51·1	*-0·5*	62	16,28	27	21	-	-	3·63	92	+16	31	3	17	10	0	0	0	0	1	3	0	3·23	*-0·29*	30
	Wisley	9 9 9	150	57·3	43·4	50·3	*-0·2*	63	16	26	21	53·0	56·5	3·05	77	-	21	9	17	13	0	0	0	1	0	10	3	2·87	*-0·40*	27S
Kent.	Biggin Hill ..	18–7 7	567	54·3	45·0	49·7	*-0·6*	59	7,16,28	29	21	-	-	3·83	97	+ 5	29	3	19	12	0	0	0	0	1	5	0	3·62	*-0·14*	34
	Bromley	9 9 9	213	57·6	44·3	50·9	-	63	7	27	21	-	-	2·93	74	+ 5	22	9	13	9	0	0	0	1	1	2	-	-	-	-
	Canterbury ..	9 9 9	124	58·2	44·2	51·2	*+0·1*	63	7,16,29	27	23	54·8	55·9	3·27	83	-	24	4	18	16	-	-	-	-	-	7	-	-	-	-
	Dover	9 9 9	22	58·7	48·5	53·6	*+1·7*	64	29	34	21	54·2	58·8	3·29	84	-	16	9	18	14	0	0	2	1	1	0	3	4·02	*+0·04*	38
	Dungeness ..	18–7 7	20	58·7	47·0	52·9	*-0·2*	64	4,17	28	21	-	-	3·30	84	- 5	12	2	22	16	0	0	0	0	3	-	1	-	-	-
	East Malling ..	9 9 9	132	57·3	41·9	49·6	-	62	7	27	21	-	-	3·26	83	-	26	9	15	14	0	0	1	2	1	7	0	3·70	-	35
	Folkestone ..	9 9 9	101	57·7	47·1	52·4	*-0·4*	63	4	32	21	-	57·4	4·03	102	-	17	9	19	14	0	0	0	1	0	2	-	3·83	*+0·06*	36
	Goudhurst ..	9 9 9	290	57·1	42·6	49·9	-	61	7,17,29	28	26	-	-	4·07	103	-	26	9	19	15	0	0	1	5	0	6	-	-	-	-
	Lympne	18–7 7	346	56·1	45·6	50·9	*-0·3*	61	7,17,29	30	21	-	56·2	3·40	86	-13	22	4	19	14	0	0	0	3	0	3	1	3·95	*-0·04*	37
	Manston	18–7 7	142	57·2	45·4	51·3	-	63	29	34	26	-	-	2·06	52	-	7	4	18	15	0	0	1	1	2	1	2	4·22	-	39
	Margate .. ¶§	9 9 9	51	57·8	47·9	52·9	*0·0*	63	14,29	38	22	53·2	57·0	1·95	49	-25	9	9	17	15	0	0	0	2	1	0	1	4·26	+0·44	40
	Tunbridge W. ..	9 9 9	355	56·9	42·1	49·5	*-0·8*	63	7	22	26	52·1	55·9	4·11	104	-	26	3	16	13	0	0	0	2	0	7	0	3·54	+0·02	33
	Wye	9 9 9	164	56·9	42·6	49·7	-	62	7	29	21	-	-	4·04	103	-	23	4	19	17	0	0	2	1	-	5	0	3·52	-	33
Sussex.	Ardingly ..	9 9 9	437	56·0	42·7	49·3	*-0·6*	62	28	28	21	-	-	5·56	141	-	42	3	20	13	0	0	1	3	-	3	-	-	-	-
	Beachy Head ..	18–7 7	502	56·1	43·9	50·0	-	62	13	27	21	-	-	5·25	133	-	19	6	20	17	0	0	3	1	2	-	-	-	-	-
	Brighton ..	9 9 9	32	57·6	47·6	52·6	*-0·5*	63	28	32	21	-	58·3	4·18	106	+ 7	21	3	18	13	0	0	3	2	1	3	0	3·54	-0·26	33
	Eastbourne ..	2121 9	35	57·6	47·9	52·7	-0·2	64	28	33	21	54·6	58·1	4·69	119	+14	25	9	18	13	0	0	0	1	0	3	-	3·75	-0·10	35
	Hastings ‡ ¶§	2121 9	149	57·2	47·1	52·1	*-0·4*	63	28	32	21	54·1	57·3	4·09	104	+ 8	21	9	18	14	0	0	0	3	0	3	3	3·65	-0·06	36
Berkshire.	Ascot H'therw'd	2121 9	320	56·6	42·3	49·5	-	62	16,28	27	21	-	-	3·14	80	-	17	3	16	12	0	0	0	1	1	6	-	3·54	-	33
	Reading	9 9 9	152	58·2	43·2	50·7	*+0·4*	64	16	27	21	52·3	56·8	3·48	89	-	22	3	17	12	0	0	1	1	-	5	2	-	-	-
	Shinfield	9 9 9	200	57·9	42·1	50·0	*-0·5*	64	16,28	26	21	-	-	3·23	82	-	24	3	13	10	0	0	0	1	-	-	-	-	-	-
	Warfield	9 9 9	220	57·1	41·7	49·4	-	63	28	26	21,26	52·2	-	3·25	83	-	21	3	17	15	0	0	0	1	5	9	-	3·46	-	32
Hampshire.	Bournemouth ..	9 9 9	139	57·8	45·1	51·5	*-0·3*	64	4	30	21	53·4	55·6	5·73	145	+36	33	3	19	12	0	0	0	0	4	-	-	3·21	*-0·62*	30
	Calshot	18–7 7	8	57·6	46·5	52·1	*-0·8*	62	7,17,28	32	21	-	-	3·97	101	+ 7	22	3	20	13	0	0	1	2	3	4	2	3·51	*-0·53*	33
	Long Sutton ..	9 9 9	479	55·9	42·9	49·4	-	62	7,28	25	21	53·1	-	4·69	124	-	29	3	20	11	0	0	0	0	0	5	-	3·20	-	30
	Southamp'n ¶§	2121 9	64	56·9	(45·3)	(51·1)	(-1·0)	63	28	(31)	21	-	-	5·75	146	+46	37	3	19	15	0	0	0	1	4	2	0	2·74	-0·79	26
	S. Farnboro' ..	18–7 7	237	57·4	43·0	50·2	*-0·5*	64	16,28	24	21,26	-	-	3·34	85	+ 4	20	3	18	13	0	0	2	1	4	9	0	3·25	*-0·37*	30

†† Tottenham is used as a "district value" station for England, E., and not for England, S.E.

g Temperature from thermometers on a Glaisher stand. ¶§ See Notes on Tables on last page of this issue. ‡ New site from August 1st, 1935.

TABLE III (*continued*).—SUMMARY of the RECORDS of TEMPERATURE, RAINFALL and SUNSHINE, and of WEATHER OBSERVATIONS, OCTOBER, 1935

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.		Difference from Average.	Most in a day. Amount.	Date.	WEATHER. Number of days. Precip'n. 0·2 mm. or more.	1 mm. or more.	Snow.	Snow lying.	Hail.	Thunderstorm.	Fog (Morn'g Obs.)	Ground Frost.	Gale.	BRIGHT SUNSHINE. Hours per day. Daily Mean.	Difference from Average.	Per Cent.
5. ENGLAND, S.E.—*cont.*		G.M.T.	ft.	°F.	°F.	°F.	°F.	°F.		°F.		°F.	°F.	in.	mm.	mm.	mm.												hr.	hr.	%
I. of Wight.	Newport	9 9 9	48	58·4	43·7	51·1	-	64	18	26	21	-	-	4·47	113	-	21	9	21	14	0	0	1	4	1	6	-	-	-	-
	Ryde	9 9 9	13	57·7	47·2	52·5	*-0·2*	62	7,18,28	36	21,26	-	-	4·85	118	-	35	3	20	13	0	0	2	3	0	-	-	3·47	*-0·37*	32
	Sandown ..	9 9 9	13	57·8	47·6	52·7	*-0·6*	64	28	32	21	-	-	4·72	120	-	42	3	23	15	0	0	0	1	0	-	-	3·84	*-0·04*	36
	Totland Bay ..	9 9 9	140	56·9	47·2	52·1	-0·7	61	4	32	21	-	-	3·31	84	-20	14	9	20	12	0	0	1	1	0	3	5	3·35	*-0·43*	31
	Ventnor (Hospital)	9 9 9	59	58·0	48·9	53·5	-0·5	64	28	33	21	-	-	4·02	102	+ 2	23	3	25	16	0	0	0	2	-	-	0	3·55	-0·25	33
Wilts.	Amesbury (Boscombe Down)	18–7 7	417	55·3	43·0	49·1	-	62	16	26	21	-	-	4·74	102	-	21	3	17	10	0	0	0	1	2	6	1	3·08	-	29
	Larkhill	9 9 9	440	55·4	42·5	48·9	*-1·3*	61	16,28	21	21	-	-	4·41	112	+36	29	31	16	10	0	0	0	1	3	8	1	-	-	-
	Marlboro' ‖ ¶§	9 9 9	424	55·7	40·9	48·3	-0·5	64	28	23	21	51·1	54·8	5·51	140	+51	35	31	20	15	0	0	1	1	1	5	0	2·82	-0·09	26
	Porton	9 9 9	363	56·1	41·2	48·7	*-1·1*	62	16,28	25	21	50·8	-	5·32	135	+56	26	23	16	11	0	0	0	2	1	8	1	3·04	-	28
7a. ENGLAND, N.W.																														
Cumberland.	Keswick	9 9 9	254	52·8	43·0	47·9	*-1·2*	59	15	26	21	49·8	53·5	10·36	263	+121	32	18	24	22	0	0	5	2	0	5	2	1·35	*-1·38*	13
	Newton Rigg ¶§	2121 9	560	52·5	39·4	45·9	-1·4	58	15,16	23	21	-	-	5·98	152	+58	16	30	25	24	1	0	5	1	0	11	3	1·94	-0·98	19
Westmorland.	Ambleside ..	9 9 9	145	52·6	39·7	46·1	-	60	15,16	26	21	-	-	11·64	296	-	27	15	27	23	0	0	2	1	1	-	-	1·27	-	12
	Appleby	9 9 9	440	52·7	39·6	46·1	*-1·0*	60	16	21	21	-	-	4·93	125	+36	19	30	23	22	0	0	1	1	-	-	-	-	-	-
Lancashire.	Bolton	9 9 9	342	53·5	43·0	48·3	-1·0	62	15	28	21	49·9	52·3	9·09	231	+118	44	9	24	23	1	0	1	3	-	3	-	1·60	-0·41	158
	Burnley	9 9 9	458	52·9	42·2	47·5	*-0·8*	61	15	24	21	49·3	52·6	8·95	227	-	33	27	23	21	1	0	3	2	5	4	-	1·38	*-1·12*	138
	Darwen	2121 9	724	52·2	41·7	46·9	*-1·1*	61	6,15	30	21	49·2	51·7	10·65	271	+146	44	9	28	22	1	0	3	4	5	6	-	1·49	*-1·11*	148
	Hutton	9 9 9	82	54·1	43·2	48·7	*-0·6*	62	15	26	21	50·2	53·5	5·65	169	-	34	9	24	23	0	0	2	1	2	5	1	1·84	*-0·95*	18
	Lancaster ..	9 9 9	312	53·5	44·2	48·9	*-1·0*	58	6	31	22	46·2	50·9	6·66	169	+65	28	9	25	21	0	0	4	0	2	2	2	1·83	*-1·29*	17
	Leyland	9 9 9	125	54·2	42·4	48·3	*-0·9*	64	15	24	21	-	-	6·91	175	+84	37	9	24	23	0	0	4	1	3	5	-	1·96	*-0·96*	19
	Manchester (Barton) ..	18–7 7	70	56·2	42·6	48·9	-	64	15	23	21	-	-	4·92	125	-	36	9	24	18	2	0	3	1	4	6	3	1·71	-	16
	(Oldham Road)	2121 9	191	54·2	45·2	49·7	-1·1	62	15	31	21	50·7	55·1	6·41	163	+74	38	9	22	21	1	-	1	1	-	5	-	1·04	*-0·92*	108
	(Whitworth Pk.)	2121 9	125	55·4	42·7	49·1	-1·2	63	15	28	21	-	-	5·25	133	+49	34	9	23	18	-	-	-	-	14	-	-	1·46	*-0·67*	14
	Southport .. (Bedford Rd. Pk.) ¶§	9 9 9	35	55·0	44·7	49·9	-0·2	63	15	32	21	49·7	52·9	4·97	126	+36	38	9	22	21	0	0	5	2	0	3	7	2·20	-0·95	21
	Stonyhurst ¶§	9 9 9	377	52·3	42·9	47·6	-1·1	60	15	28	21	-	-	10·84	275	+161	49	27	23	22	0	0	4	3	1	5	1	1·76	-0·98	17
Cheshire.	Bidston Obs'y. ..	2121 9	198	53·6	45·1	49·3	-0·8	61	15	35	23	-	-	3·81	97	+14	37	9	22	18	0	0	3	0	0	1	3	2·34	*-0·66*	22
	Hoylake	9 9 9	23	55·3	45·3	50·3	-0·6	62	15	31	22	-	-	4·11	104	+19	41	9	22	19	0	0	0	0	-	1	-	2·51	-0·82	24
	Macclesfield ..	9 9 9	500	53·5	42·2	47·9	-0·5	61	15	27	21	-	-	5·91	150	+64	30	9	23	21	0	0	1	0	0	-	-	-	-	-
	West Kirby ..	9 9 9	25	55·1	45·5	50·3	-	62	15	33	22	-	-	4·03	102	+17	41	9	21	18	1	0	8	3	0	1	-	2·51	-	24
7b. NORTH WALES.																														
Flint.	Hawarden B'dge	9 9 9	17	56·2	44·0	50·1	-0·7	63	15,27,29	30	21	-	-	3·69	94	-	22	9	24	17	0	0	2	2	1	-	-	-	-	-
	Rhyl	9 9 9	31	55·7	45·6	50·7	*0·0*	63	29	34	22	-	-	4·57	116	+35	34	9	24	19	0	0	2	1	0	1	2	2·36	*-0·94*	22
	Sealand .. ¶§	18–7 7	16	55·8	43·9	49·9	*-0·5*	65	15	29	21	51·3	55·4	3·82	92	+15	22	9	24	15	0	0	2	1	4	5	2	2·48	*-0·59*	23
Anglesey.	Holyhead ¶§	18–7 7	26	55·1	49·9	52·5	*0·0*	58	14,15,28	39	22	-	-	4·72	120	+19	37	9	26	16	0	0	3	0	0	0	5	2·42	*-0·79*	23
Denbigh.	Colwyn Bay ..	9 9 9	118	55·6	47·0	51·3	*-0·2*	61	15	36	22	-	-	5·38	137	+42	35	9	26	23	0	0	0	0	0	-	-	2·01	*-1·31*	19
Carnarvon.	Aber	9 9 9	60	54·8	47·1	50·9	-	61	15	38	21,22,23	-	-	7·99	203	-	53	9	28	24	0	0	2	2	-	0	1	1·30	-	128
	Llandudno ..	9 9 9	13	55·3	47·6	51·5	*-0·2*	62	15	39	22	-	-	5·64	143	+58	44	9	26	22	0	0	0	1	0	0	2	2·17	-1·05	20
Montgomery.	Welshpool ..	9 9 9	254	55·2	41·5	48·3	*-0·4*	63	15	28	21,23	-	-	4·54	115	+29	19	9	25	16	0	0	0	0	0	-	-	-	-	-
8a. SOUTH WALES.																														
Cardigan.	Aberystwyth ..	9 9 9	12	55·1	46·2	50·7	*-1·2*	59	15	34	21	-	-	6·71	170	-	30	30	28	24	0	0	5	0	0	-	-	2·25	*-1·08*	21
	,, P.B.S. †	9 9 9	452	53·0	45·0	49·0	-	57	9,15,16	34	21	-	-	8·09	205	-	32	30	30	26	0	0	0	0	0	5	-	1·97	-	19
Pembroke.	Haverfordwest ..	2121 9	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	St. Ann's Hd. ¶§	18–7 7	142	55·4	48·5	51·9	*-1·0*	59	28,29	36	22	-	-	3·94	100	- 6	15	4	25	15	0	0	1	1	1	-	11	2·87	-0·33	27
Radnor.	Rhayader ¶§	9 9 9	757	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Brecknock.	Cantref	9 9 9	1080	51·4	41·2	46·3	-	56	9,16,28	29	21	-	-	9·18	233	-	44	9	28	24	1	0	0	1	1	-	-	2·42	-	23
Glamorgan.	Cardiff	2121 9	202	55·8	44·9	50·3	*-0·2*	61	7	33	21	53·3	55·9	6·03	153	+32	29	9	25	21	0	0	0	0	1	2	0	3·12	*-0·35*	29
	Swansea	9 9 9	32	56·5	46·7	51·6	*-1·1*	60	6,9,28	39	21,22	53·2	58·0	6·31	160	-	24	2	28	21	0	0	1	0	1	3	-	2·86	*-0·42*	27
8b. ENGLAND, S.W.																														
Monmouth.	Newport	9 9 9	265	55·8	44·5	50·1	*-1·0*	61	5,8,28	30	21	53·0	55·7	6·83	168	-	38	9	23	20	-	-	-	-	0	-	-	3·15	-	29
	Usk	9 9 9	70	58·3	39·2	48·7	-	66	6,27	18	21	53·6	-	5·52	140	-	26	9	17	15	0	0	0	1	0	6	0	2·58	-	24
Somerset.	Bath .. ¶§	9 9 9	67	57·1	44·5	50·8	*+0·1*	63	16,28	28	21	54·4	57·4	4·94	125	+41	36	9	20	16	0	0	1	2	3	-	0	2·80	*-0·38*	26
	Cannington ..	9 9 9	95	57·5	45·1	51·3	-	63	27	30	21	-	-	4·23	107	-	16	31	27	17	0	0	0	1	1	5	4	2·90	-	27
	Long Ashton ..	9 9 9	162	56·8	44·2	50·5	*-0·8*	62	15,16,28	28	21	-	-	6·34	161	+65	22	9	24	18	0	0	1	3	1	5	0	2·66	*-0·84*	25
Dorset.	Holton Heath ..	9 9 9	64	57·5	43·8	50·7	*-1·0*	62	7,28	26	21	53·8	57·8	6·78	172	-	53	3	22	13	0	0	0	0	1	4	0	2·89	*-0·86*	27
	Portland Bill ..	18–7 7	32	56·3	50·6	53·5	*-1·3*	61	9	37	21	-	-	4·72	120	+35	26	3	17	12	0	0	1	1	0	-	0	-	-	-
	Shaftesbury ..	9 9 9	722	53·3	44·3	49·1	-0·8	59	16	30	21	-	-	3·73	95	- 4	25	3	15	11	0	0	0	0	-	-	-	-	-	-
Devon.	Arlington ..	9 9 9	613	55·0	44·1	49·5	-0·8	58	6,9,15	34	21	-	-	7·76	197	+35	36	9	30	26	0	0	3	1	-	2	-	-	-	-
	Cullompton ¶§	9 9 9	202	58·1	43·9	51·0	+0·2	63	16	30	21	52·8	-	4·15	105	0	19	5	26	17	0	0	1	0	1	9	-	2·87	-0·39	27
	Ilfracombe ..	9 9 9	25	56·6	49·9	53·3	*-0·5*	61	9	43	22,25	54·3	57·6	6·17	157	+45	30	9	27	19	0	0	0	0	0	0	-	2·20	*-1·00*	21

† Plant Breeding Station. ¶§ *See* Notes on Tables on last page of this issue. ‖ From 1st to 5th inclusive, observations were taken one hour earlier than the times shewn.

TABLE III (*continued*).—SUMMARY of the RECORDS of TEMPERATURE, RAINFALL and SUNSHINE, and of WEATHER OBSERVATIONS, OCTOBER, 1935

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. in.	mm.	Difference from Average. mm.	Most in a day. Amount. mm.	Date.	WEATHER. Number of days. Precip'n. 0·2 mm. or more.	1 mm. or more.	Snow.	Snow lying.	Hail.	Thunderstorm.	Fog (Morn'g Obs.)	Ground Frost.	Gale.	BRIGHT SUNSHINE. Hours per day. Daily Mean.	Difference from Average.	Per Cent.
	G.M.T.	ft.	°F.	°F.	°F.	°F.	°F.		°F.		°F.	°F.																hr.	hr.	%
8b. ENGLAND, S.W.—*cont.*																														
Devon.—*cont.* Killerton ..	9 9 9	159	57·9	44·3	51·1	*+0·1*	63	16	31	21	–	–	3·80	97	–	19	5	21	17	–	–	–	–	1	7	–	–	–	–
Newton Abbot ..	9 9 9	375	57·4	45·3	51·3	–	61	4,16,28	33	21	–	–	3·96	101	– 4	24	9,31	18	12	0	0	0	0	0	1	–	3·41	–	32
Paignton ..	9 9 9	12	58·2	46·8	52·5	*0·0*	63	5	34	21	–	–	4·02	102	–	22	31	21	14	0	0	2	1	0	2	–	3·66	*+0·02*	34
Plymouth (Hoe)	2121 9	117	57·3	47·2	52·3	*-0·7*	62	7,11	38	21	53·3	56·2	5·04	128	+27	28	5	21	17	0	0	0	1	1	0	1	3·44	-0·20	32
Plymouth (Mount Batten) ..	18–7 7	82	56·5	48·3	52·4	*-1·1*	60	5,7,28	39	12,21,26	–	–	4·51	115	–	24	5	23	16	0	0	0	1	1	0	2	3·31	*-0·45*	31
Princetown ..	9 9 9	1430	52·7	42·3	47·5	*0·0*	59	7	31	21	–	–	10·87	276	+62	46	9	29	25	0	0	0	0	6	1	–	–	–	–
Salcombe ..	9 9 9	39	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Sidmouth ..	9 9 9	25	58·7	46·5	52·6	+0·5	62	7,27,29	32	21	–	–	3·69	94	–	20	3	17	15	0	0	0	0	0	1	–	3·42	–	32
Tavistock ..	9 9 9	457	55·6	44·4	50·0	*-0·8*	59	7,12,27	34	21	–	55·3	8·61	219	+86	68	5	29	24	0	0	1	2	0	5	0	–	–	–
Teignmouth ..	9 9 9	20	58·5	47·5	53·0	*+0·1*	62	5,27,28	36	21	–	–	3·58	91	– 7	22	31	16	9	0	0	0	0	0	–	–	3·56	*-0·03*	33
Torquay	9 9 9	27	58·4	46·8	52·6	*-0·9*	63	5,28	34	21	–	57·6	3·43	87	-16	22	31	19	12	0	0	0	1	0	1	0	3·92	+0·23	37
Woolacombe ..	9 9 9	60	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cornwall. Falmouth Obs. ¶§	9 9 9	167	57·3	48·0	52·7	*0·0*	61	7,27	38	21	53·1	58·0	5·14	130	+ 4	20	9	25	20	0	0	1	0	0	1	–	3·29	-0·37	31
Fowey	9 9 9	51	58·5	47·5	53·0	*-0·4*	62	5,7,17	40	21	–	–	4·61	117	–	17	9	27	22	0	0	1	0	0	–	–	3·15	*-0·60*	29
Gulval	9 9 9	20	57·7	45·5	51·6	–	61	6,7	39	12,21	–	–	5·07	129	–	23	9	24	19	0	0	3	1	–	0	–	3·30	–	31
The Lizard ..	18–7 7	240	56·1	48·5	52·3	–	61	7	40	21	–	–	4·17	106	–	17	9	25	14	0	0	1	0	2	–	3	–	–	–
Newquay ..	9 9 9	190	56·2	48·7	52·5	*-0·3*	60	9	38	21	53·8	56·5	5·74	146	+45	23	5	28	20	0	0	0	0	0	–	1	2·91	-0·74	27
Redruth	9 9 9	397	55·5	48·4	50·9	*-1·2*	59	11	37	21	–	–	5·57	141	+ 8	21	9	28	22	0	0	1	0	1	1	3	–	–	–
9. IRELAND, N.																														
Sligo. Markree Cas. ¶§	2121 9	122	54·9	41·8	48·3	-0·6	60	15	30	22	51·6	53·8	6·09	155	+51	15	29	28	27	0	0	5	0	0	–	2	2·15	-0·52	208
Mayo. Blacksod Pt. ¶	18–7 7	18	55·0	46·4	50·7	–	59	15,18	40	7,21,31	–	–	6·78	172	+45	16	7	30	28	0	0	6	0	0	–	4	–	–	–
Mallaranny §	9 9 9	113	54·8	45·2	50·0	*-1·1*	60	26	36	31	–	–	8·20	208	–	16	1	30	28	–	–	–	–	0	–	–	2·38	*-0·18*	23
Donegal. Malin Head ¶§	18–7 7	84	52·5	44·9	48·7	*-1·7*	59	15	35	22	–	–	7·82	198	+123	18	27	30	28	0	0	8	2	0	–	2	1·51	*-1·22*	15
Antrim. Aldergrove ..	18–7 7	238	53·2	42·6	47·9	–	58	5,15	31	22	–	–	4·15	105	+29	11	23	26	21	1	0	1	0	0	2	1	2·42	–	23
Down. Donaghadee ..	7 7 7	40	54·8	42·0	48·4	*-1·4*	60	16	30	22	–	–	4·34	110	+37	15	23	25	21	0	0	0	0	0	–	0	–	–	–
Hillsborough ..	9 9 9	388	53·0	41·8	47·4	–	59	15	31	22	50·6	–	3·46	88	–	11	28	23	20	1	0	1	0	0	0	5	1	2·85	–	27
Armagh. Armagh .. ¶§	2121 9	204	54·7	42·4	48·5	-0·4	61	1,15	31	22	50·2	52·5	3·33	85	+16	12	28	23	19	0	0	1	1	0	2	1	2·61	-0·22	25
Longford. Newtownforbes ..	2121 9	154	54·5	40·4	47·5	*-1·0*	60	6	32	21	49·5	53·1	3·80	97	+14	9	22	25	24	0	0	0	1	–	–	–	–	–	–
10. IRELAND, S.																														
Dublin. Balbriggan	9 9 9	203	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Dublin City .. ¶	2121 9	54	55·3	45·2	50·3	-0·6	64	15	37	21,22	–	–	2·30	58	-10	13	9	21	14	0	0	0	0	1	0	1	–	–	–
„ Glasnevin ..	2121 9	55	56·3	41·9	49·1	-0·9	66	15	29	21	–	–	2·27	58	+11	10	9,30	21	16	0	0	2	0	1	4	0	–	–	–
„ Phœnix Pk. §	2121 9	155	56·1	41·9	49·0	-0·1	65	15	31	22	–	–	2·57	65	– 2	12	22	24	14	0	0	1	0	1	7	–	3·50	+0·37	33
„ Trin. Coll. ..	2121 9	13	57·0	45·1	51·1	*0·0*	66	15	36	21,22	51·3	53·7	2·40	61	– 3	15	9	19	13	0	0	0	0	–	2	0	–	–	–
Hazelhatch .. .. (Peamount San.)	9 9 9	366	55·7	41·8	48·7	–	62	15	30	22	49·0	53·3	2·63	67	–	12	9	22	16	–	–	–	–	0	–	–	3·27	–	31
Rathfarnham ..	9 9 9	169	(55·9)	44·2	(50·1)	–	64	15	34	22	51·1	–	2·10	53	–	16	9	18	12	0	0	0	0	1	1	–	2·94	–	28
Wicklow. Newcastle ..	2121 9	256	56·1	43·4	49·7	*-0·5*	64	15	36	20,21	–	–	2·38	61	–	11	22	19	12	0	0	0	0	0	–	–	–	–	–
Offaly. Birr Castle ¶§	18–7 7	173	54·5	42·9	48·7	*-1·4*	60	1	31	22	51·1	54·3	3·88	98	+24	17	30	27	19	0	0	1	0	0	8	0	2·52	-0·40	24
Leix. Mountmellick ..	9 9 9	245	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Waterford. Seskin, Carrick-on-Suir	2121 9	535	54·4	42·5	48·5	*-1·0*	62	15	34	21	–	–	2·87	73	–	11	30	22	12	0	0	1	0	0	1	3	3·83	*+0·81*	36
Waterford ¶	9 9 9	137	56·3	44·5	50·4	*-0·5*	64	26	35	21,22	–	–	2·96	75	-25	13	7	24	13	0	0	0	0	5	–	4	–	–	–
Limerick. Foynes	9 9 9	43	55·9	45·6	50·7	-0·2	63	17	38	3	–	–	4·61	117	+21	19	9	27	20	–	–	–	–	–	–	–	–	–	–
Kerry. Valentia Obs. ¶§	242424	30	55·2	48·7	51·9	-0·2	58	18	41	7	53·1	55·0	4·83	123	-19	13	2	26	23	0	0	6	0	0	0	4	2·47	-0·50	238
	18–7 –	—	55·2	48·9	52·1	*-0·8*																								
Cork. Ballinacurra §	9 9 9	24	56·5	44·8	50·7	*-0·4*	65	26	34	7	–	–	2·06	52	-51	11	22	18	14	0	0	0	0	–	–	–	3·49	*+0·45*	33
Cork	9 9 9	57	57·0	43·9	50·5	–	66	26	35	7	–	–	2·10	53	-46	10	22	20	14	0	0	0	0	0	5	–	3·23	–	31
Roche's Pt. ¶	18–7 7	22	55·8	47·9	51·9	*-0·6*	63	26,28	41	7	–	–	2·56	65	-39	12	22	22	15	0	0	1	0	0	–	0	–	–	–
11. CHANNEL ISLES AND SCILLY.																														
Scilly. St. Mary's ¶§	18–7 7	163	56·5	50·2	53·3	*-1·0*	60	7,16	43	21	–	–	4·22	107	+14	14	3	22	20	0	0	0	2	2	–	2	3·38	-0·36	32
Guernsey. St. Peter Port ¶§	18–7 7	175	57·6	49·6	53·7	*-1·0*	62	7,15,17	40	22	54·6	58·2	4·46	113	– 1	18	4	25	18	0	0	1	0	0	0	0	2·64	*-1·23*	26
Jersey. St. Heliers ¶§	9 9 9	28	58·1	50·4	54·3	*-0·4*	62	14	39	22	–	–	4·04	103	-13	20	6	22	19	0	0	0	2	0	–	–	3·32	-0·72	31
GIBRALTAR	18–7 7	102	72·1	58·4	65·3	*-2·8*	79	1,29	51	27	–	–	1·97	50	-34	31	4	5	5	0	0	0	1	0	0	0	–	–	–
MALTA	18–7 7	231	77·5	67·7	72·6	*+2·3*	91	6	55	23	–	–	1·00	25	-43	9	23	9	5	0	0	0	4	0	–	0	7·97	–	71

¶§ 8 *See* Notes on Tables on last page of this issue.

TABLE III (*a*).—RIVER TEMPERATURE

Place.	River.	Hour.	Highest.	Lowest.	Mean.	Difference from Average.
			°F.	°F.	°F.	°F.
Belper	Derwent	9	–	–	–	–
Attenborough	Trent	7	56·3	48·6	52·2	–
	„	18	55·6	49·0	52·8	–

TABLE III (*b*).—SKY OBSERVATIONS, OCTOBER, 1935

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

NIGHT SKY RECORDER.**	GREENWICH.	PORTON.
Recorder in operation on	30 nights	31nights
Average exposure (hours)	11·46	10·33
Polaris unobscured (per cent.)	45	49
δ Ursæ Minoris (ditto)	40	41

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

TABLE III (*c*).—SOLAR RADIATION.

DIRECT SOLAR RADIATION, KEW OBSERVATORY.	Cal./cm.²/diem.
Max.	460
Mean	130

TABLE IV.—SUMMARY of the OBSERVATIONS of PRESSURE, TEMPERATURE, HUMIDITY, CLOUD, VISIBILITY and WIND at fixed hours at certain Stations during the month of OCTOBER, 1935

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.	4 to 7	1 to 3	Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
0. SCOTLAND, N.		G.M.T.	ft.	mb.	mb.	°F.	°F.	mb.	%																										
		1	160	997·5	-	45·8	1·9	9·0	85	7·4	0	2	5	18	6	0	0	0	0	0	1	4	6	20	0	3	21	6	1	4	3	1	0	5	6	7	4
Shetlands.	Lerwick	7	160	997·4	-11·5	45·6	1·8	9·0	86	8·5	0	0	4	17	10	0	0	0	0	0	0	5	11	14	1	1	21	9	0	3	1	2	0	4	7	7	7
		13	160	997·5	-	46·8	2·1	9·2	84	6·5	0	0	5	16	10	0	0	0	0	0	0	4	11	16	0	2	21	7	1	2	3	1	0	4	7	9	4
		18	160	997·7	-	45·5	1·5	8·9	88	8·5	0	0	3	17	11	0	0	0	0	0	1	3	16	11	0	3	20	8	0	2	2	1	0	8	6	7	5
		9	165	999·1	-	46·5	2·0	9·3	85	7·1	0	2	9	17	3	0	0	0	0	0	0	4	9	18	0	-	-	-	-	-	-	-	-	-	-	-	-
Orkneys.	Deerness	21	165	999·2	-	46·1	2·0	8·9	84	6·6	0	7	6	13	5	0	0	0	0	0	0	0	1	30	0	-	-	-	-	-	-	-	-	-	-	-	-
		1	83	999·5	-	46·4	1·8	9·0	86	8·1	0	0	8	12	11	0	0	0	0	0	0	3	6	12	10	0	1	13	16	1	3	2	0	2	2	11	6	4
		7	83	999·3		46·0	1·6	9·2	87	8·6	0	0	3	19	9	0	0	0	0	0	0	4	12	12	3	2	10	19	0	5	2	1	1	3	12	5	2
Hebrides.	Stornoway ..	13	83	999·5	-10·0	48·6	2·6	9·6	81	8·6	0	0	1	21	9	0	0	0	0	0	1	4	5	19	2	3	16	12	0	4	3	0	1	6	8	6	3
		18	83	999·1	-	46·9	1·9	9·4	85	8·7	0	0	3	15	13	0	0	0	0	0	0	7	12	11	1	3	11	17	0	5	2	0	1	5	11	5	2
		1	79	999·3	-	44·8	1·5	8·9	88	8·0	0	3	4	13	11	0	0	0	0	0	0	2	5	24	0	2	16	13	0	3	1	0	1	4	10	7	5
		7	79	998·9		43·8	1·3	8·7	89	8·4	0	1	4	12	14	0	0	0	0	0	0	0	4	27	0	1	10	20	0	2	2	0	1	6	11	5	4
Caithness.	Wick	13	79	999·4	-10·6	48·2	2·5	9·3	81	8·4	0	1	2	20	8	0	0	0	0	0	0	0	5	26	0	1	15	15	0	2	3	0	1	4	7	9	5
		18	79	999·0	-	46·1	2·0	8·9	84	8·7	0	0	2	16	13	0	0	0	0	0	0	0	8	23	0	3	10	18	0	4	2	0	2	5	6	9	3
		7	1180	958·8	-	40·5	1·2	7·9	89	9·1	0	0	3	6	22	0	0	0	0	0	0	5	21	5	0	1	8	20	2	4	3	0	0	8	9	4	1
Inverness.	Dalwhinnie † ..	13	1180	959·0	-	44·7	2·3	8·2	81	9·9	0	0	0	4	27	0	0	0	0	0	0	4	19	8	0	0	17	14	0	5	1	0	0	5	16	3	1
		18	1180	959·1	-	42·6	1·8	7·9	85	9·0	0	1	3	6	21	0	0	0	0	0	0	5	21	5	0	1	14	15	1	5	1	0	1	5	14	2	2
		9	250	1000·7	-	46·1	1·5	9·3	88	6·5	0	5	10	13	3	0	0	0	0	0	0	2	8	12	9	1	14	12	4	3	0	1	0	10	9	3	1
Inverness.	Inverness	17	250	1000·6	-	46·6	1·5	9·7	88	6·5	0	3	10	16	2	0	0	1	0	0	1	1	3	17	8	0	15	14	2	1	3	0	0	10	11	1	3
1. SCOTLAND, E.																																			
		7	85	1001·2	-9·6	44·3	2·1	8·2	83	7·0	0	5	7	8	11	0	0	0	0	0	2	3	12	14	0	0	7	24	0	1	0	1	0	8	10	5	6
		13	85	1001·2	-9·8	49·8	3·7	9·0	75	7·6	0	2	9	10	10	0	0	0	0	1	1	7	8	14	0	0	14	17	0	1	1	0	1	9	8	6	5
Aberdeen.	Aberdeen H	18	85	1001·3	-9·9	47·5	2·9	8·7	78	6·8	0	6	5	13	7	0	0	0	0	1	2	8	12	8	0	0	16	15	0	1	1	1	1	7	9	6	5
		21	85	1001·4	-9·9	45·9	2·6	8·4	80	6·0	4	8	3	5	11	0	0	0	0	0	0	9	16	6	0	0	8	23	0	1	1	0	1	7	8	6	7
		h.*	85	1001·2	-9·8	46·7	2·8	8·7	79																										
Aberdeen.	Braemar‡	9	1108	1002·3	-	42·3	2·2	7·4	81	8·9	0	1	3	5	22	0	0	0	0	0	0	8	23	0	0	0	8	19	4	2	1	3	0	0	17	4	0
Perth.	Crieff	9	482	1002·2	-	45·7	2·4	8·6	81	8·7	0	1	3	11	16	-	-	-	-	-	-	-	-	-	-	1	14	16	0	4	0	4	1	2	3	17	0
		21	482	1002·5	-	44·7	2·1	8·4	83	6·8	3	7	3	1	17	-	-	-	-	-	-	-	-	-	-	1	13	17	0	1	0	5	2	1	3	16	3
		1	184	1003·2	-	47·0	1·5	9·7	88	6·9	1	7	4	6	13	0	0	0	0	0	0	1	7	22	1	1	14	16	0	1	3	0	1	4	17	3	2
Fife.	Inchkeith	7	184	1002·9	-	46·6	1·2	9·9	91	8·4	0	1	6	9	15	0	0	0	0	0	0	0	10	21	0	1	13	17	0	1	1	1	1	4	16	2	3
		13	184	1002·9	-	49·5	1·6	10·2	87	8·5	0	0	4	15	12	0	0	0	0	1	0	3	9	18	0	1	15	15	0	0	3	1	1	3	19	2	2
		18	184	1002·6	-	49·0	1·8	10·2	87	8·0	0	2	5	12	12	0	0	0	0	0	0	5	6	20	0	0	16	15	0	0	4	0	1	4	16	4	2
		7	36	1002·5	-	44·3	1·0	9·3	92	7·6	0	4	5	14	8	0	0	0	0	0	0	3	13	15	0	0	8	20	3	3	0	2	0	3	16	3	1
Fife.	Leuchars H	13	36	1002·4	-	50·6	2·6	10·4	82	8·5	0	3	0	18	10	0	0	0	0	0	0	2	3	10	13	3	0	14	16	1	3	2	1	2	4	13	4	1
		18	36	1002·3	-	47·4	1·6	9·9	88	6·9	0	7	5	13	6	0	0	0	0	0	1	7	10	11	2	0	13	16	2	3	2	1	1	3	10	7	2
Mid Lothian.	Edinburgh ..	9	441	1003·2	-	46·7	2·6	8·8	80	7·9	0	5	3	4	19	0	1	0	0	2	8	15	5	0	0	2	15	10	4	2	1	1	1	2	14	5	1
	(Blackford Hill)	21	441	1003·2	-	46·0	2·2	8·8	83	7·5	1	5	5	3	17	0	0	0	0	2	8	17	2	2	0	0	20	9	2	0	2	0	3	2	6	13	3
6a. SCOTLAND, W.																																			
		7	40	1001·8	-	49·1	2·5	9·7	82	7·6	0	2	6	16	7	0	0	0	0	0	0	8	14	7	2	2	22	7	0	5	1	0	1	4	8	8	4
Argyll.	Tiree	13	40	1002·0	-	50·7	2·8	10·3	81	7·8	0	2	6	15	8	0	0	0	0	0	2	4	10	12	3	0	28	3	0	6	1	0	1	6	7	7	3
		18	40	1001·9	-	49·2	2·6	9·6	81	7·8	0	2	7	15	7	0	0	0	0	0	0	8	9	13	1	1	24	6	0	7	0	1	0	5	7	8	3
		9	187	1002·7	-	48·1	1·6	10·0	88	8·0	0	1	5	14	11	0	0	0	1	0	4	6	4	16	0	3	16	11	1	3	1	1	4	3	6	10	2
Bute.	Rothesay	21	187	1002·7	-	47·6	1·4	10·2	89	7·8	0	3	5	10	13	0	0	1	0	0	3	8	13	6	0	4	17	8	2	2	1	1	2	3	6	8	6
		7	24	1003·4	-	45·2	1·3	9·1	89	8·8	0	1	1	17	12	0	0	0	2	3	1	7	3	10	5	1	8	16	6	1	1	2	1	1	7	7	5
Renfrew.	Renfrew	13	24	1003·2	-	50·5	3·2	9·9	77	9·1	0	0	2	15	14	0	0	0	2	1	3	4	5	12	4	1	19	9	2	2	1	2	2	1	7	10	4
	(Abbotsinch)	18	24	1003·2	-	47·9	2·1	9·6	84	8·0	0	3	3	14	11	0	0	1	3	1	2	11	3	7	3	0	13	17	1	2	2	2	2	1	7	11	3
		7	778	1004·5	-	41·7	1·2	8·1	90	7·7	0	5	3	10	13	0	0	0	0	0	1	6	10	12	2	1	12	12	6	2	1	0	1	4	12	3	2
		13	778	1003·8	-	48·2	2·7	9·2	80	8·5	0	2	3	16	10	0	0	0	0	0	1	6	10	13	1	1	21	9	0	4	1	0	1	6	11	7	1
Dumfries.	Eskdalemuir‡‡ H	18	778	1004·1	-	45·0	1·7	8·8	86	8·1	0	3	2	16	10	0	0	0	0	0	4	6	11	9	1	1	13	16	1	4	2	0	1	7	8	7	1
		21	778	1004·4	-	43·9	1·4	8·7	89	7·0	2	5	3	11	10	0	0	0	0	0	4	4	10	13	0	1	19	7	4	2	2	0	2	2	11	6	2
		h.*	778	1004·2	-	44·4	1·8	8·6	86																										
6b. ISLE OF MAN.																																			
Isle of Man.	Douglas .. H	9	286	1006·6	-5·8	49·9	2·2	10·5	84	6·9	0	7	4	15	5	0	0	0	0	0	0	6	3	22	0	4	13	14	0	2	1	1	2	1	9	13	2
	Point of Ayre	7	31	1005·6	-	49·7	2·5	10·1	82	7·6	0	6	4	8	13	0	0	0	0	0	0	4	3	24	0	1	18	12	0	2	2	1	0	2	7	10	7
		13	31	1005·6	-	53·2	3·6	11·4	86	8·1	0	2	6	8	15	0	0	0	0	0	0	3	6	22	0	3	22	6	0	3	1	0	1	2	9	10	5
		18	31	1005·4	-	51·5	2·8	10·3	81	7·9	0	2	6	11	12	0	0	0	0	0	0	4	5	22	0	2	24	5	0	6	1	1	2	2	7	5	7
2. ENGLAND, N.E.																																			
		9	331	1004·5	-	46·3	1·6	9·1	87	7·9	0	4	7	2	18	0	0	1	0	1	0	5	1	12	11	0	5	26	0	1	1	0	2	8	0	14	5
Northumberland.	Cockle Park ..	21	331	1004·9	-	45·3	1·4	9·0	89	6·5	1	8	6	2	14	0	0	0	1	0	0	8	4	11	7	0	10	18	3	1	0	0	1	3	6	9	8
		1	122	1004·6	-	47·2	2·2	9·1	83	5·9	3	6	9	3	10	0	0	0	0	3	0	6	15	7	0	0	9	22	0	2	1	0	1	1	11	13	2
		7	122	1004·8	-6·8	45·9	2·3	8·7	82	7·0	0	1	13	11	6	0	0	0	0	3	2	12	11	3	0	0	6	25	0	2	0	0	0	2	12	14	1
Northumberland.	Tynemouth ..	13	122	1005·2	-	51·8	3·5	10·1	76	7·6	0	1	9	15	6	0	0	0	0	1	1	13	11	5	0	0	9	22	0	3	0	0	0	5	8	13	2
		18	122	1004·2	-	50·3	2·8	9·8	80	7·8	0	2	8	8	13	0	0	0	0	2	2	14	13	0	0	0	7	24	0	1	2	1	1	4	9	12	1

* Mean of hourly readings. † Pressure at Station level. ‡ Mean pressure at Station Level is 961·3 mb.
‡‡ Mean pressures at Station Level are 975·9 mb. at 7 h., 975·5 mb. at 13 h., 975·6 mb. at 18 h., and 975·9 mb. at 21 h.

TABLE IV (*continued*).—SUMMARY of the OBSERVATIONS of PRESSURE, TEMPERATURE, HUMIDITY, CLOUD, VISIBILITY and WIND at fixed hours at certain Stations during the month of OCTOBER, 1935

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.			8 or more.	4 to 7	1 to 3	Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
					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											
2. ENGLAND, N.E.—*cont.*			G.M.T.	ft.	mb.	mb.	°F.	°F.	mb.	%																									
Durham.	Durham ..	..	9	352	1006·1	–	47·2	2·3	9·0	82	6·7	4	4	4	5	14	0	0	2	0	6	5	5	11	*2*	*0*	1	2	25	3	1	0	0	2	8	6	10	1
			21	352	1006·0	–	46·5	1·8	9·5	86	6·4	8	1	2	6	14	0	0	0	1	0	2	11	13	*4*	*0*	1	7	20	3	2	1	1	0	6	6	8	4
Yorks., N. Riding.	Catterick ..	H	7	186	1006·2	–	43·8	1·5	8·7	87	7·7	1	3	4	11	12	0	0	0	1	3	3	*2*	4	*18*	*0*	1	5	19	6	2	0	0	1	7	4	9	2
			13	186	1005·8	–	52·1	4·1	9·7	72	8·2	1	2	3	11	14	0	0	0	0	1	3	*3*	7	*16*	*1*	0	12	17	2	1	1	0	1	7	6	10	3
			18	186	1005·5	–	48·6	2·3	9·9	83	7·6	1	2	5	13	10	0	0	0	1	1	4	*6*	3	*16*	*0*	0	9	17	5	1	0	1	0	6	5	9	4
Yorks., N. Riding.	Scarborough ..		9	96	1007·3	–	50·5	3·5	9·6	75	5·6	5	7	4	9	6	0	0	0	0	0	0	9	14	*8*	*0*	1	3	26	1	2	2	0	2	3	9	6	7
	York ..	..	9	53	1007·5	–	48·3	2·6	9·2	80	7·1	3	3	6	5	14	–	–	–	–	–	–	–	–	–	–	1	0	30	0	5	0	0	2	8	6	7	3
			21	53	1006·9	–	48·5	2·6	9·6	81	5·6	9	2	4	8	8	–	–	–	–	–	–	–	–	–	–	0	3	27	1	3	0	2	2	7	4	10	2
Yorks., E. Riding.	Spurn Head ..		1	28	1006·4	–	49·1	1·1	10·9	91	6·0	4	7	3	11	6	*0*	*0*	0	0	0	*3*	*6*	14	8	*0*	0	22	9	0	1	1	0	0	6	8	10	5
			7	28	1007·3	–4·7	48·0	0·9	10·6	93	7·7	0	1	5	18	7	*0*	*0*	0	1	1	*0*	*9*	17	3	*0*	0	24	7	0	0	2	1	2	3	7	9	7
			13	28	1007·0	–	53·8	2·7	11·7	82	7·4	0	2	8	15	6	*0*	*0*	0	0	0	*1*	*6*	20	4	*0*	1	21	9	0	2	0	2	2	2	8	10	5
			18	28	1006·8	–	51·1	1·8	11·3	89	7·6	0	0	11	10	10	*0*	*0*	0	0	0	*0*	*10*	16	5	*0*	1	20	10	0	1	1	1	2	7	7	10	2
Lincoln.	Cranwell ..	H	7	243	1008·7	–	45·2	1·3	9·4	89	7·4	2	1	5	16	7	0	0	0	3	*1*	5	8	9	5	*0*	0	15	16	0	0	2	1	1	2	13	8	4
			13	243	1008·5	–	53·8	4·3	10·3	72	7·7	0	2	6	17	6	0	0	0	0	*0*	2	11	10	8	*0*	1	18	12	0	1	1	0	4	4	13	6	2
			18	243	1008·3	–	49·3	2·3	10·1	83	6·4	0	9	6	7	9	0	0	0	0	*3*	3	13	8	4	*0*	0	11	19	1	0	1	2	3	4	11	8	1
3. ENGLAND, E.																																					
Norfolk.	Cromer ..	H	9	74	1008·6	–	50·6	2·7	10·3	81	6·2	1	3	13	8	6	0	0	0	0	0	0	*5*	*9*	*17*	*0*	0	6	25	0	4	1	0	2	11	6	5	2
			1	26	1008·7	–	49·3	1·9	10·2	86	4·8	5	9	7	4	6	0	0	0	1	*0*	1	*15*	*14*	0	*0*	0	13	18	0	0	0	1	2	6	13	8	1
Norfolk.	Yarmouth ..	..	7	26	1008·9	–3·8	48·4	1·9	9·9	85	6·8	0	5	8	12	6	0	0	0	0	*1*	2	*20*	*8*	0	*0*	0	15	16	0	1	1	0	2	4	13	9	1
			13	26	1009·4	–	54·8	4·7	10·3	70	7·0	0	3	12	12	4	0	0	0	0	*0*	0	*18*	*13*	0	*0*	0	16	14	1	1	0	0	2	5	14	5	3
			18	26	1009·1	–	52·5	3·5	10·5	77	7·4	0	4	6	14	7	0	0	0	0	*0*	0	*24*	*7*	0	*0*	0	13	18	0	1	0	1	2	12	11	2	2
Suffolk.	Felixstowe Aero.		7	20	1009·9	–	49·3	2·1	10·0	85	6·7	0	7	3	15	6	0	0	0	1	4	1	7	*13*	*5*	*0*	0	16	14	1	2	0	0	2	5	9	9	3
			13	20	1010·3	–	55·5	5·8	9·8	65	6·8	1	5	6	15	4	0	0	0	0	0	0	6	*15*	*10*	*0*	0	15	16	0	1	0	2	1	7	11	6	3
			18	20	1010·1	–	52·4	3·4	10·2	77	6·5	1	7	5	12	6	0	0	0	0	1	3	12	*15*	*0*	*0*	0	14	15	2	1	1	0	2	7	14	2	2
Cambridge.	Cambridge	H	9	43	1009·7	–4·0	50·4	2·4	10·5	82	6·0	7	3	5	3	13	–	–	–	–	–	–	–	–	–	–	0	7	24	0	2	0	0	2	5	10	8	4
			21	43	1009·6	–4·0	48·2	1·8	10·3	87	4·7	12	4	1	2	12	–	–	–	–	–	–	–	–	–	–	0	8	21	2	1	1	0	3	4	12	7	1
Hertford.	Rothamsted ..		9	396	1010·0	–	49·6	2·4	10·2	83	6·1	4	7	1	16	3	0	0	0	0	0	*8*	*23*	*0*	*0*	*0*	0	4	21	6	5	0	1	1	1	8	4	5
Essex.	Shoeburyness	H	7	14	1010·4	–	48·7	1·6	10·6	88	5·9	4	7	3	10	7	0	0	0	0	4	4	7	11	5	0	0	4	25	2	2	0	0	2	7	8	8	2
			13	14	1011·0	–	55·9	4·8	10·9	70	7·2	3	0	9	12	7	0	0	0	0	1	0	10	8	12	0	0	10	19	2	2	1	1	1	6	12	4	2
			18	14	1010·7	–	52·3	2·8	11·0	81	6·7	1	6	5	9	10	0	0	0	0	0	3	11	9	8	0	0	9	20	2	2	0	1	2	6	11	5	2
4. MIDLAND COUNTIES.																																					
Yorks., W. Riding.	Harrogate ..		9	478	1007·3	–	46·7	2·0	9·3	85	7·6	0	6	2	12	11	0	1	*1*	1	1	9	6	*6*	4	2	1	5	25	0	3	0	0	0	4	17	5	2
Nottingham.	Nottingham ..		9	215	1008·3	–	47·9	2·2	9·7	85	6·5	4	3	5	10	9	0	2	3	5	7	3	11	0	*0*	*0*	0	2	29	0	3	1	2	1	0	12	9	3
Warwick.	Birmingham	H	7	542	1009·6	–	45·1	1·2	9·4	90	7·7	0	4	5	14	8	0	1	0	1	6	4	4	3	*12*	*0*	0	6	24	1	3	1	0	2	5	11	6	2
			13	542	1009·2	–	52·2	3·7	10·1	74	7·0	0	2	13	11	5	0	0	0	2	3	4	5	2	*15*	*0*	0	11	19	1	1	1	0	1	4	11	9	3
			18	542	1009·1	–	50·1	3·0	9·8	79	7·1	0	8	2	13	8	0	0	0	2	3	4	7	3	*12*	*0*	0	10	21	0	2	1	0	2	4	8	10	4
Oxford.	Oxford ..	..	9	212	1011·1	–3·2	49·3	2·5	9·7	81	6·1	2	9	3	10	7	0	0	*1*	1	2	4	5	8	9	*1*	0	10	21	0	3	0	1	1	6	13	5	2
Shropshire.	Shrewsbury	H	9	186	1008·9	–	49·6	2·0	10·5	86	7·8	0	4	5	7	15	0	0	0	2	2	2	3	0	22	*0*	1	9	16	5	1	0	1	1	3	10	10	0
Hereford.	Ross-on-Wye	H	7	226	1009·9	–	46·3	1·7	9·6	88	7·3	1	3	6	14	7	*0*	*1*	1	1	1	3	2	9	13	*0*	0	9	21	1	2	2	3	1	1	12	8	1
			13	226	1009·8	–	54·2	4·5	10·3	72	7·8	0	4	4	12	11	*0*	*0*	0	0	1	3	5	7	12	*3*	0	14	17	0	3	0	1	0	3	7	13	4
			18	226	1009·7	–	51·1	2·8	10·5	81	7·7	0	4	2	15	10	*0*	*0*	0	1	3	3	3	9	11	*1*	0	8	23	0	2	1	2	2	0	13	11	0
			21	226	1010·6	–	49·1	2·0	10·3	85	6·7	1	8	2	11	9	*0*	*0*	0	2	3	1	7	3	15	*0*	0	10	18	3	1	0	1	2	1	13	10	0
Gloucester.	Cheltenham	H	9	230	1010·7	–	50·9	2·8	10·3	80	6·5	1	8	4	9	9	0	*0*	0	1	5	12	1	10	*2*	0	0	1	24	6	0	0	0	0	3	12	7	3
			21	230	1010·7	–	48·9	1·5	10·5	88	6·9	1	3	8	11	8	0	*0*	0	3	3	6	6	8	*5*	0	0	4	25	2	0	0	0	1	2	13	9	4
5. ENGLAND, S.E.																																					
London.	*g*Greenwich	H	9	152	1011·2	–3·1	51·0	2·9	10·4	79	6·5	5	5	2	7	12	0	0	1	2	2	9	17	0	0	*0*	0	13	18	0	3	1	0	2	3	13	8	1
			15	152	1010·3	–3·3	55·4	4·8	10·6	69	7·0	1	7	3	9	11	0	0	0	0	2	1	27	1	0	*0*	0	17	14	0	4	0	1	0	7	13	5	1
			21	152	1010·9	–3·4	49·7	2·3	10·4	83	5·2	9	6	0	6	10	0	0	0	1	3	7	16	3	1	*0*	0	15	16	0	2	1	1	2	5	13	7	0
			h.*	152	1010·6	–3·4	50·7																															
London.	Kew Observatory	H	7	34	1010·7	–3·3	47·5	1·6	9·9	88	7·1	4	3	2	10	12	0	2	1	0	0	1	13	11	3	*0*	0	3	27	1	1	0	2	0	2	13	9	3
			13	34	1010·9	–2·9	55·2	4·8	10·3	69	8·0	2	1	2	14	12	0	0	0	0	0	2	12	15	2	*0*	0	9	22	0	3	1	0	2	3	13	7	2
			18	34	1010·8	–3·2	52·4	3·2	10·5	78	6·0	5	7	1	9	9	0	0	0	0	2	10	15	3	1	*0*	0	9	22	0	3	0	2	1	4	15	6	0
			21	34	1011·1	–3·2	50·2	2·4	10·2	83	5·8	6	6	1	10	8	0	1	1	0	1	12	7	5	4	*0*	0	6	25	0	2	0	2	3	2	15	7	0
			h.*	34	1010·8	–3·2	50·9	2·8	10·2	81																												
London.	Kensington	..	9	66	1011·0	–	50·7	2·7	10·3	81	6·0	6	5	2	9	9	0	0	0	3	5	*8*	11	4	*0*	*0*	0	2	29	0	1	2	0	2	0	14	8	4
			15	—	–	–	55·7	4·7	10·8	71	6·6	2	4	7	12	6	–	–	–	–	–	–	–	–	–	–	0	6	25	0	1	2	0	2	3	11	7	5
			18	—	–	–	53·3	3·4	10·6	77	6·6	4	4	3	9	11	–	–	–	–	–	–	–	–	–	–	0	7	24	0	2	0	0	2	2	13	6	6
London.	Stroud Green	..	7	237	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Surrey.	Croydon ..	H	1	225	1010·5	–	48·2	1·9	10·1	86	5·7	7	4	5	7	8	0	0	0	1	1	4	3	9	*13*	*0*	0	7	20	4	0	1	1	1	3	12	7	2
			7	225	1010·5	–	46·9	1·4	10·1	89	6·3	1	8	4	13	5	0	0	1	0	1	2	14	4	*9*	*0*	0	7	20	4	2	0	0	1	2	11	8	3
			13	225	1010·7	–	55·0	4·9	10·4	69	7·7	1	4	2	15	9	0	0	0	0	1	2	11	12	5	*0*	0	14	16	1	2	1	2	1	3	9	11	1
			18	225	1010·6	–	51·4	2·9	10·5	79	6·0	1	12	1	8	9	0	0	0	2	2	5	19	3	*0*	*0*	0	8	20	3	1	0	1	2	3	12	8	1
Surrey.	Wisley ..	..	9	85	1011·1	–	51·4	2·8	10·3	81	6·8	3	6	2	10	10	0	0	0	0	2	2	10	17	*0*	*0*	0	4	23	4	2	1	0	1	2	13	6	2

* Mean of hourly readings. *g* Temperature from thermometers on a Glaisher stand.

TABLE IV (*continued*).—SUMMARY of the OBSERVATIONS of PRESSURE, TEMPERATURE, HUMIDITY, CLOUD, VISIBILITY and WIND at fixed hours at certain Stations during the month of OCTOBER, 1935

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 10		0	1	2	3	4	5	6	7	8	9											
	G.M.T.	ft.	mb.	mb.	°F.	°F.	mb.	%																	8 or more.	4 to 7	1 to 3	Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
5. ENGLAND, S.E.—*cont.*																																		
	7	572	1011·1	–	47·0	1·4	10·0	89	5·6	3	9	4	9	6	0	0	0	1	1	1	4	*19*	5	*0*	0	10	19	2	1	1	1	1	7	11	5	2
Kent. Biggin Hill H	13	572	1011·2	–	53·1	4·3	10·0	72	7·4	1	4	4	16	6	0	0	0	0	0	1	5	*20*	5	*0*	0	11	20	0	2	1	1	1	7	12	5	2
	18	572	1011·2	–	49·7	2·4	10·3	82	6·1	1	10	2	9	9	0	0	0	0	3	1	6	*17*	4	*0*	0	9	20	2	1	0	1	2	6	13	4	2
	7	—	–	–	50·2	0·7	11·6	95	7·2	1	5	4	15	6	*0*	0	1	2	0	4	7	*17*	*0*	0	0	9	22	0	2	1	0	0	3	9	8	8
Kent. Dungeness ..	13	—	–	–	56·5	3·0	12·9	81	6·8	0	5	6	18	2	*0*	0	0	0	0	1	7	*23*	*0*	0	0	12	19	0	1	1	2	0	1	12	13	1
	18	—	–	–	54·0	1·6	12·7	89	7·1	1	4	3	21	2	*0*	0	0	0	0	4	4	*23*	*0*	0	0	12	18	1	3	1	0	1	4	10	10	1
	1	345	1011·6	–	48·3	1·7	10·3	86	5·0	6	8	2	8	7	0	0	0	*1*	0	1	7	11	11	0	0	10	21	0	2	1	1	1	3	7	14	2
Kent. Lympne .. H	7	345	1011·4	–	47·6	1·3	10·4	89	6·7	2	5	5	12	7	0	0	0	*0*	2	5	*4*	10	10	0	1	6	24	0	6	0	0	2	1	8	9	5
	13	345	1012·2	–	54·4	4·2	10·6	72	6·9	2	2	9	12	6	0	0	0	*0*	0	1	*1*	9	19	1	0	14	17	0	2	1	1	2	1	15	8	1
	18	345	1011·8	–	50·8	2·6	10·4	81	6·9	1	7	2	13	8	0	0	0	*0*	0	2	*7*	12	10	0	0	9	22	0	2	2	0	1	5	8	13	0
	7	141	1010·6	–	48·4	1·7	10·5	87	7·1	2	4	3	14	8	1	0	0	*1*	2	0	4	*14*	*9*	*0*	0	13	16	2	0	0	1	2	4	13	6	3
Kent. Manston	13	141	1011·1	–	55·0	5·1	10·1	67	6·9	3	3	3	17	5	0	0	0	0	0	1	1	*17*	*12*	*0*	0	19	12	0	1	2	0	2	2	16	4	4
	18	141	1011·0	–	50·4	2·8	10·2	80	6·8	0	9	1	12	9	0	0	0	0	0	4	*18*	*9*	*0*	0	11	19	1	1	0	1	2	6	15	4	1
Kent. Tunbridge Wells ..	9	407	1012·0	–	49·6	1·5	10·9	89	6·5	2	5	5	12	7	0	0	*0*	0	2	4	4	11	10	*0*	0	6	25	0	2	1	0	1	1	9	10	7
Sussex. Brighton .. H	9	48	1012·6	–	52·7	2·3	11·6	84	7·3	3	2	5	9	12	0	0	0	1	3	4	10	4	9	*0*	0	7	24	0	3	2	0	1	3	3	14	5
Sussex. Hastings H	9	174	1011·4	–	52·7	3·1	10·9	79	6·6	4	3	5	13	6	0	0	0	0	0	2	25	*1*	*3*	*0*	0	19	12	0	0	2	0	3	0	15	1	10
	21	174	1011·5	–	51·0	1·8	10·9	80	5·5	8	4	5	5	9	0	0	0	0	0	10	12	*4*	*5*	*0*	2	15	14	0	0	4	0	2	0	14	1	10
	7	15	1011·3	–	49·1	1·1	11·3	92	6·7	3	2	7	14	5	0	1	0	2	1	0	7	7	13	*0*	0	8	20	3	1	0	1	0	1	13	5	7
Hampshire. Calshot	13	15	1011·7	–	55·9	3·4	11·9	78	8·1	0	3	4	14	10	0	0	0	0	1	0	2	11	17	*0*	0	16	15	0	3	1	0	4	6	12	4	1
	18	15	1011·4	–	52·7	2·0	11·7	86	6·6	0	9	5	7	10	0	0	0	0	1	0	3	6	21	*0*	0	17	14	0	3	2	0	3	1	17	4	1
	9	84	1011·9	-2·5	50·4	1·8	10·7	87	5·8	7	4	4	5	11	0	0	1	3	4	*15*	7	1	0	*0*	0	3	28	0	4	0	2	2	0	3	12	8
Hampshire. Southampton ..	21	84	1012·1	-2·2	50·4	2·0	10·5	86	6·0	7	1	7	5	11	0	0	3	0	1	*6*	20	1	0	*0*	0	7	24	0	1	1	1	0	0	10	16	2
	7	256	1010·9	–	45·3	1·1	9·8	92	6·6	0	8	6	10	7	0	1	2	1	2	3	6	10	*6*	*0*	0	5	22	4	0	0	1	2	3	8	10	3
Hampshire. S. Farnborough H	13	256	1010·9	–	56·1	4·9	10·9	71	8·1	0	1	6	15	9	0	0	0	0	0	0	6	19	*6*	*0*	0	12	19	0	4	0	1	1	4	12	8	1
	18	256	1011·1	–	50·3	2·4	10·5	83	5·9	0	11	4	8	8	0	0	0	0	3	2	9	12	*5*	*0*	0	9	21	1	0	0	2	2	4	10	9	3
I. of Wight. Ventnor (Hosp.) ..	9	80	1011·7	–	53·7	2·8	11·6	81	7·0	0	7	4	10	10	–	–	–	–	–	–	–	–	–	–	0	9	22	0	3	0	2	1	2	1	17	5
	15	80	1011·3	–	55·4	3·9	11·1	75	6·8	0	6	7	9	9	–	–	–	–	–	–	–	–	–	–	0	9	22	0	3	2	1	1	2	1	16	5
Wilts. Amesbury H	7	418	1011·1	–	45·4	0·9	9·9	93	6·8	1	8	2	14	6	0	0	2	0	0	2	12	15	*0*	*0*	0	7	20	4	3	0	2	1	3	8	8	2
(Boscombe Down)	13	418	1011·1	–	53·3	3·3	11·1	79	8·7	0	0	1	18	12	0	0	0	0	0	2	7	15	*7*	*0*	0	15	16	0	4	2	0	3	4	6	11	1
	18	418	1011·0	–	49·9	1·8	10·8	87	7·5	0	5	3	13	10	0	0	0	0	1	1	14	15	*0*	*0*	0	11	19	1	1	1	1	3	2	11	8	3
	9	444	1011·4	–	48·9	1·6	10·5	88	7·2	1	6	2	15	7	0	0	0	3	0	1	2	6	19	*0*	0	10	17	4	2	2	0	1	3	9	8	2
Wilts. Larkhill .. H	13	444	1010·9	–	53·4	3·6	10·8	77	7·9	0	0	8	13	10	0	0	0	0	0	0	3	3	25	*0*	0	19	12	0	3	1	1	1	2	9	13	1
	15	444	1010·5	–	53·1	3·4	10·8	77	7·8	0	3	4	15	9	0	0	0	0	0	0	3	3	25	*0*	1	16	14	0	5	1	1	1	3	7	12	1
7a. ENGLAND, N.W.																																		
Lancashire. Hutton	9	86	–	–	48·6	1·7	10·3	87	7·5	1	1	6	13	10	–	–	–	–	–	–	–	–	–	–	1	3	27	0	1	3	1	6	7	3	9	1
	7	83	1007·8	–	44·3	0·8	9·4	91	7·6	2	2	3	14	10	0	1	1	2	3	*6*	10	7	0	1	0	9	17	5	1	1	2	3	4	6	6	3
Lancashire. Manchester H (Barton)	13	83	1007·4	–	52·4	3·5	10·3	77	8·5	0	0	4	15	12	0	0	0	1	2	*2*	8	10	8	0	1	17	13	0	1	1	0	0	6	6	10	7
	18	83	1007·5	–	49·5	2·2	10·4	84	7·9	0	4	3	10	14	0	0	1	1	1	*9*	12	7	0	0	0	13	16	2	2	1	1	1	3	8	8	5
	9	127	(1007·9)	–	48·3	2·0	9·7	85	7·6	0	0	9	19	3	–	–	–	–	–	–	–	–	–	–	0	2	29	0	0	2	1	3	7	11	6	1
Lancashire. (Whitworth Pk.)	21	127	(1007·7)	–	48·4	1·6	10·0	88	7·4	0	4	5	14	8	–	–	–	–	–	–	–	–	–	–	0	3	28	0	2	3	1	3	4	10	7	1
	9	34	1007·7	-5·4	49·5	2·4	10·2	83	9·0	0	1	2	10	18	0	0	0	0	5	10	3	4	9	*0*	1	14	16	0	3	1	1	4	3	7	10	2
Lancashire. Southport* H	13	34	1007·2	-5·5	53·0	3·7	10·4	75	8·4	0	1	5	11	14	0	0	0	0	0	7	2	10	12	*0*	3	16	12	0	1	1	1	5	2	6	12	3
(Bedford Rd. Park)	18	34	1007·1	-5·7	50·9	2·7	10·5	81	8·0	1	2	4	9	15	0	0	0	0	2	12	1	13	3	*0*	2	17	11	1	3	1	1	4	2	9	8	2
	21	34	1007·3	-5·7	49·2	2·1	10·2	84	6·9	5	3	2	10	11	0	0	0	0	2	15	2	12	0	*0*	1	15	15	0	3	2	1	3	4	7	9	2
	9	381	1007·6	–	47·5	1·4	9·7	89	8·0	1	3	3	7	17	0	0	0	1	0	2	19	*4*	*5*	*0*	1	9	20	1	4	1	0	1	5	9	9	1
Lancashire. Stonyhurst ..	21	381	1007·3	–	47·2	1·7	9·5	87	7·6	4	2	1	9	15	0	0	0	0	3	0	4	*21*	*3*	*0*	0	12	17	2	4	1	0	0	5	7	10	2
	9	202	1008·0	–	49·3	2·5	9·7	82	8·3	0	3	3	11	14	*0*	0	0	0	6	2	2	*4*	17	0	1	13	15	2	3	0	1	5	2	5	10	3
Cheshire. Bidston Obs'y. ..	21	202	1007·6	–	49·2	2·1	10·0	84	6·8	1	4	8	11	7	*0*	0	0	0	2	1	2	*3*	22	1	3	12	15	1	4	0	0	5	2	4	10	5
7b. NORTH WALES.																																		
	7	19	1008·2	–	46·8	1·9	9·6	87	7·7	0	3	5	13	10	0	1	0	2	3	1	9	*7*	*8*	*0*	0	7	23	1	0	0	1	7	3	10	7	2
Flint. Sealand .. H	13	19	1007·9	–	54·1	4·3	10·4	73	7·7	0	2	7	13	9	0	0	0	0	2	2	9	*8*	*10*	*0*	0	13	18	0	0	1	0	7	3	10	5	5
	18	19	1007·8	–	51·0	2·8	10·4	80	7·5	0	2	7	13	9	0	0	0	1	4	2	12	*10*	*2*	*1*	0	12	18	1	0	0	1	5	5	11	4	4
	1	29	1007·4	–	51·9	2·7	10·9	82	8·0	1	1	6	10	13	0	0	0	0	0	0	3	16	12	0	0	23	7	1	3	2	0	0	1	6	13	5
Anglesey. Holyhead .. H	7	29	1007·3	-4·8	51·3	2·4	10·7	82	7·5	0	1	12	8	10	0	0	0	0	0	0	2	8	17	4	1	22	8	0	2	1	0	1	2	10	11	4
	13	29	1007·4	–	53·5	3·3	11·0	78	8·1	0	2	6	14	9	0	0	0	0	0	0	0	11	19	1	2	23	6	0	2	0	0	2	4	10	7	6
	18	29	1007·1	–	52·9	2·9	11·1	81	8·1	0	2	5	11	13	0	0	0	0	0	0	1	14	15	1	2	23	6	0	3	2	0	1	1	8	11	5
Carnarvon. Llandudno ..	9	33	1008·7	–	51·7	3·3	10·3	77	7·9	0	1	4	24	2	0	0	0	0	0	1	3	6	*20*	*1*	0	9	22	0	2	2	1	0	4	17	5	0
8a. SOUTH WALES.																																		
	1	152	1009·4	–	52·2	2·6	10·8	82	7·9	0	0	10	10	11	0	0	0	0	0	*0*	5	18	8	*0*	2	17	12	0	4	2	1	0	1	2	14	7
Pembroke. St. Ann's Head ..	7	152	1009·2	-3·2	51·6	2·5	10·9	83	8·7	0	0	5	12	14	0	1	0	0	0	*0*	4	18	8	*0*	3	13	15	0	4	1	2	0	1	5	13	5
	13	152	1009·6	–	53·9	2·8	11·6	81	8·3	0	1	4	16	10	0	0	0	0	1	*1*	3	16	9	*1*	3	18	9	1	3	1	1	0	2	4	13	6
	18	152	1009·4	–	53·1	3·1	10·8	79	8·8	0	0	3	18	10	0	0	0	0	0	*0*	4	15	12	*0*	3	16	12	0	5	1	1	0	1	4	15	4

* Visibility at Hesketh Park; 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 month of OCTOBER, 1935

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.	4 to 7	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.	%																										
8a. SOUTH WALES—*cont.*																																		
Radnor. Rhayader	9	—	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Glamorgan. Cardiff	9	216	1011·5	–	50·1	1·7	10·7	87	7·3	2	5	2	6	16	0	0	0	1	3	11	12	*3*	*1*	*0*	0	8	23	0	0	3	1	0	1	12	11	2
	21	216	1011·0	–	50·0	1·9	10·6	87	6·7	8	0	3	5	15	0	0	0	0	0	3	16	*2*	*10*	*0*	0	5	26	0	1	3	1	0	3	11	10	2
8b. ENGLAND, S.W.																																		
Somerset. Bath	9	113	1011·0	–	51·0	2·3	10·7	84	7·3	4	3	0	11	13	0	0	3	0	3	12	*10*	*2*	*1*	*0*	0	8	16	7	2	3	0	0	1	7	10	1
Dorset. Holton Heath H	9	58	1011·9	–	52·2	2·5	11·2	83	7·5	3	2	1	12	13	0	0	0	1	0	2	9	18	*1*	*0*	0	15	10	6	2	2	1	1	1	6	7	5
	15	58	1011·3	–	55·2	3·3	11·8	79	7·7	0	4	6	6	15	0	0	0	0	0	1	6	22	*2*	*0*	0	16	15	0	4	1	0	2	3	6	11	4
Dorset. Portland Bill ..	1	37	1011·6	–	53·9	2·1	12·2	86	7·2	2	4	5	5	15	0	0	0	*0*	0	0	*1*	*16*	*14*	*0*	0	17	14	0	2	2	0	2	0	3	12	10
	7	37	1011·0	–1·7	53·1	2·0	11·9	87	7·8	1	2	4	11	12	0	0	0	*0*	0	0	*0*	*24*	*7*	*0*	0	20	11	0	3	2	1	0	1	2	15	7
	13	37	1011·8	–	55·4	3·1	11·8	80	8·2	0	3	2	13	13	0	0	0	*0*	0	0	*1*	*21*	*9*	*0*	0	21	10	0	3	2	0	1	3	5	12	5
	18	37	1011·3	–	54·3	2·5	11·9	83	7·9	0	4	4	9	14	0	0	0	*0*	0	0	*1*	*21*	*9*	*0*	0	21	10	0	5	1	0	0	1	5	12	7
Devon. Plymouth (Mount Batten) H	7	27	1011·9	–	50·1	1·3	11·4	90	8·5	0	2	0	17	12	0	0	1	0	1	1	8	13	7	*0*	1	12	16	2	4	3	1	1	0	7	9	4
	13	27	1012·2	–	55·3	3·4	11·8	79	8·3	0	0	7	10	14	0	0	0	0	0	3	7	5	14	*2*	0	18	12	1	3	0	0	1	5	8	10	3
	18	27	1012·4	–	53·4	2·5	11·7	83	7·9	0	4	3	15	9	0	0	0	0	0	9	12	7	3	*0*	0	16	15	0	1	0	2	0	0	9	10	9
Cornwall. The Lizard ..	1	240	1013·1	–	51·6	1·5	11·8	89	7·0	2	5	4	7	13	0	1	1	0	0	0	4	*4*	*21*	*0*	0	20	11	0	1	1	1	1	1	8	10	8
	7	240	1012·7	–	50·7	1·3	11·6	91	7·3	0	2	7	9	13	0	0	1	1	0	1	0	*9*	*19*	*0*	0	17	14	0	3	1	0	1	1	5	12	8
	13	240	1012·8	–	54·7	2·0	12·8	87	7·6	0	2	8	10	11	0	0	0	0	2	0	6	*3*	*20*	*0*	0	19	12	0	2	1	0	0	3	8	11	6
	18	240	1013·2	–	51·7	1·7	11·6	88	7·7	0	1	9	10	11	0	2	1	0	1	0	1	*5*	*21*	*0*	0	20	11	0	1	0	0	2	0	8	12	8
Cornwall. Newquay ..	9	161	1012·3	–	52·3	1·7	11·6	88	7·8	0	2	10	6	13	0	0	0	0	1	5	6	*7*	*12*	*0*	1	19	11	0	3	2	1	1	2	7	7	8
9. IRELAND, N.																																		
Sligo. Markree Castle ..	9	127	1007·5	–	48·8	1·3	10·7	91	7·8	1	2	9	7	12	0	*0*	0	0	0	*0*	*6*	9	16	*0*	0	6	20	5	3	0	0	1	4	5	8	5
	21	127	1007·6	–	48·7	1·3	10·7	91	7·7	0	1	8	11	11	0	*0*	0	0	0	*0*	*8*	10	13	*0*	1	3	18	9	1	0	0	0	4	3	7	7
Mayo. Blacksod Point ..	1	28	1007·7	–	50·6	2·5	10·5	83	7·9	0	2	9	2	18	0	0	0	0	11	0	4	9	7	*0*	3	19	9	0	3	1	0	1	3	3	19	1
	7	28	1006·8	–	50·5	2·3	10·7	83	9·0	0	0	4	6	21	0	0	0	0	14	0	1	5	10	*1*	3	24	4	0	5	1	0	0	5	2	16	2
	13	28	1007·3	–	52·9	2·7	11·2	81	7·9	0	0	10	7	14	0	0	0	0	14	0	4	0	13	*0*	4	23	4	0	3	1	0	0	2	3	16	6
	18	28	1007·0	–	51·4	2·4	10·6	83	8·3	0	0	5	11	15	0	0	0	0	13	0	3	0	15	*0*	3	18	10	0	5	1	0	0	2	3	16	4
Donegal. Malin Head ..	1	87	1003·7	–	49·1	0·9	11·3	93	9·1	0	0	1	20	10	0	0	0	0	0	0	4	27	0	*0*	1	18	12	0	4	1	0	1	6	3	13	3
	7	87	1003·1	–6·9	49·5	0·9	11·1	93	9·2	0	0	2	13	16	0	0	0	0	0	0	6	24	1	*0*	1	22	8	0	5	2	0	1	8	3	11	1
	13	87	1003·4	–	51·0	0·9	11·9	93	8·5	0	1	3	18	9	0	0	0	0	0	0	7	17	7	*0*	1	24	6	0	4	2	0	0	6	6	10	3
	18	87	1003·4	–	49·7	1·0	11·4	93	8·5	0	3	0	13	15	0	0	0	0	0	0	6	22	3	*0*	0	24	7	0	7	1	0	0	7	5	11	0
Antrim. Aldergrove H	7	245	1005·7	–	45·0	0·9	9·5	92	7·4	0	7	4	2	18	0	0	0	0	0	1	6	9	15	*0*	0	12	18	1	2	0	0	1	10	10	5	2
	13	245	1005·5	–	51·1	2·6	10·6	82	8·1	0	2	5	14	10	0	0	0	0	0	2	4	3	20	*2*	0	20	10	1	3	0	0	2	4	11	7	3
	18	245	1005·5	–	48·9	2·0	10·2	85	7·5	0	5	4	10	12	0	0	0	0	0	1	3	12	15	*0*	0	16	11	4	4	0	0	0	4	9	6	4
Armagh. Armagh .. H	9	209	1006·3	–5·8	48·3	2·0	10·0	85	6·9	1	7	4	7	12	*0*	*0*	0	0	0	1	*2*	*9*	19	*0*	0	7	23	1	3	0	0	0	7	11	6	3
	21	209	1006·5	–5·6	46·5	1·4	9·7	87	6·4	5	6	2	2	16	*0*	*0*	0	0	0	2	*8*	*7*	14	*0*	0	5	25	1	3	0	0	0	5	13	6	3
10. IRELAND, S.																																		
Dublin. Glasnevin	9	56	(1008·5)	–	49·6	2·3	9·9	83	6·2	5	0	10	7	9	0	0	*0*	*1*	*2*	*4*	*10*	*2*	*12*	*0*	0	4	27	0	0	1	1	2	1	8	12	6
	21	56	(1008·4)	–	48·3	1·9	9·8	85	5·3	12	0	4	2	13	0	0	*9*	*4*	*6*	*0*	*2*	*0*	*10*	*0*	0	4	27	0	0	0	0	1	1	6	15	8
Offaly. Birr Castle ..	7	193	1008·5	–3·8	45·6	0·8	10·3	94	6·2	2	11	1	7	10	0	*0*	0	0	0	*0*	*0*	*8*	*23*	*0*	0	1	30	0	2	1	0	0	10	9	7	2
	13	193	1008·9	–	52·3	2·7	10·7	81	8·5	0	1	4	12	14	0	*0*	0	0	0	*0*	*0*	*5*	*26*	*0*	0	3	28	0	3	1	0	0	6	9	10	2
Waterford. Seskin, Carrick-on-Suir	18	193	1008·6	–	50·2	1·9	10·6	87	7·9	0	3	6	10	12	0	*0*	0	0	0	*0*	*0*	*9*	*22*	*0*	0	3	28	0	3	1	1	0	5	7	10	4
	9	521	1010·3	–	48·7	1·7	10·3	87	5·7	2	8	6	7	8	0	0	0	*0*	1	0	1	*4*	11	14	0	14	14	3	1	0	0	0	2	6	9	10
	21	521	1010·7	–	47·2	1·3	9·9	90	5·4	4	10	2	5	10	0	1	0	*0*	0	0	5	*2*	9	14	0	15	9	7	2	0	0	2	0	7	6	7
Kerry. Valentia Observatory H	7	45	1011·6	–0·6	51·2	2·5	10·6	84	8·0	0	1	6	10	14	0	0	0	0	0	3	*4*	2	*21*	*1*	0	19	12	0	3	4	0	1	5	7	6	5
	13	45	1012·0	–0·7	53·8	3·1	11·3	80	7·4	0	6	4	11	10	0	0	0	0	1	0	*4*	4	*19*	*3*	0	21	10	0	4	0	0	0	3	8	9	7
	18	45	1011·6	–1·1	52·7	2·5	11·3	83	8·4	0	2	4	8	17	0	0	0	1	0	1	*6*	3	*18*	*2*	0	19	12	0	3	1	0	0	3	6	11	7
	21	45	1011·9	–1·1	51·8	2·2	11·1	85	8·1	0	1	8	6	16	0	0	0	0	0	0	*5*	9	*17*	*0*	0	16	14	1	4	1	0	0	7	6	9	3
	h.*	45	1011·8	–0·8	52·2	2·5	11·0	83																										
Cork. Roche's Point ..	7	24	1011·2	–1·5	49·8	1·6	10·8	88	6·4	0	9	6	9	7	0	0	0	0	0	0	3	*5*	*21*	*2*	0	8	23	0	4	2	0	1	0	5	12	7
	13	24	1011·6	–	54·7	3·2	11·7	79	7·4	0	1	10	18	2	0	0	0	0	0	1	*2*	*19*	*9*	0	11	20	0	5	1	0	0	1	4	12	8
	18	24	1011·3	–	52·8	2·3	11·6	84	6·5	0	5	10	12	4	0	0	0	0	0	1	2	*3*	*22*	*3*	0	7	24	0	3	3	0	0	1	3	14	7
11. CHANNEL I. & SCILLY.																																		
Scilly. St. Mary's	1	199	1013·3	–	52·4	1·9	11·5	87	6·1	2	8	6	6	9	0	0	1	0	0	1	5	*4*	*20*	0	1	21	9	0	3	1	0	0	0	7	11	9
	7	199	1012·9	+0·4	52·0	1·9	11·5	87	7·3	0	4	8	10	9	0	1	1	0	0	0	4	*9*	*16*	0	0	22	9	0	8	0	0	0	1	6	7	9
	13	199	1013·3	–	55·3	2·8	12·1	81	7·7	0	3	6	16	6	0	0	0	0	1	0	8	*9*	*13*	0	0	23	8	0	5	0	0	0	1	6	9	10
	18	199	1013·5	–	52·6	2·2	11·8	85	7·4	0	2	9	10	10	0	1	2	0	1	1	4	*6*	*16*	0	0	24	7	0	3	1	0	0	1	6	9	11
Guernsey. St. Peter Port H	1	186	1013·8	–	52·1	2·2	11·2	85	6·7	3	5	6	5	12	0	0	0	0	0	1	2	*15*	*13*	0	0	12	14	5	1	0	0	0	1	9	13	2
	7	186	1013·2	–	52·1	1·9	11·5	87	8·0	0	1	8	10	12	0	0	0	0	0	1	3	*13*	*9*	*5*	0	13	16	2	1	1	0	1	1	7	12	6
	13	186	1013·5	–	55·8	3·5	11·9	77	8·0	0	0	8	13	10	0	0	0	0	0	1	9	*8*	*11*	2	0	19	11	1	2	2	0	2	2	7	13	2
	18	186	1013·7	–	53·0	2·4	11·5	83	7·7	1	1	8	11	10	0	0	0	0	0	1	5	*21*	*4*	0	0	13	12	6	1	0	0	0	2	7	13	2
GIBRALTAR .. .. H	7	90	1017·0	–0·3	59·7	3·6	14·0	79	3·9	4	14	4	6	3	0	0	0	0	0	0	*7*	*8*	15	1	0	6	23	2	1	0	10	0	1	1	7	9
	13	90	1017·4	–	70·0	8·5	15·1	60	3·9	2	11	11	6	1	0	0	0	0	0	0	*3*	*11*	13	4	0	15	16	0	0	0	12	0	2	7	6	4
	18	90	1016·9	–	66·2	6·1	15·3	69	3·9	4	12	7	6	2	0	0	0	0	0	0	*4*	*11*	15	1	0	4	27	0	2	0	11	1	3	5	7	2
	21	90	1017·3	–	62·6	4·5	14·6	74	2·3	8	15	4	1	3	0	0	0	0	0	0	*5*	*15*	11	0	0	4	24	3	0	0	11	0	2	4	7	4
MALTA .. .. H	7	234	1015·3	–1·7	71·7	5·5	19·9	74	5·0	0	14	5	12	0	0	0	0	0	0	0	0	4	*20*	*7*	0	8	23	0	1	2	7	3	7	3	*6*	2
	13	234	1014·7	–	75·6	8·7	19·0	62	4·8	1	13	6	10	1	0	0	0	0	0	0	1	*25*	*5*	0	11	20	0	1	4	7	3	5	3	4	4
	18	234	1015·0	–	71·3	5·0	20·2	76	3·2	2	18	4	7	0	0	0	0	0	0	0	0	0	*26*	*5*	0	8	19	4	1	4	4	3	6	3	2	4

* Mean of hourly readings.

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 temperature 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:—*Royal Observatory, Greenwich.* —A Glaisher stand is used. *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.

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 Gale 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 arrangement 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.

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—Rhayader (9), Tavistock (17), Plymouth (15), Balbriggan (25), Newcastle, Co. Wicklow (30).

"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*), *Pressure* (*Table IV*).—The averages refer to the period 1881–1915 and are "weighted" if the record is not complete for that period.

Temperature and Sunshine (*Table III*).—The averages refer to periods of from 10 to 30 years ending 1930, the actual period for each station being stated in the Introduction. Differences from 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.

(13887) Wt. 21/17/Ps.586. 925. 11/35. P.L.H. & CO. LTD. G.922.

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M.O. 384

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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: ADASTRAL HOUSE, KINGSWAY, LONDON W.C.2; 120 GEORGE STREET, EDINBURGH 2; YORK STREET, MANCHESTER 1; 1 ST. ANDREW'S CRESCENT, CARDIFF; 80 CHICHESTER STREET, BELFAST; or through any Bookseller.

VOL. 52. NO. 11. ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE

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NOVEMBER, 1935.—A wet month except in the north-west of Scotland.

The month was unsettled and wet, except in the north-west of Scotland. Serious flooding was reported over wide areas in England on the 17th and following days, due to the large total rainfall of the period 7th to 17th, culminating in the heavy rainfall of the 16th–17th.

The opening days were mild and unsettled, with pressure high over Russia, while Atlantic depressions approached our west and south-west coasts and secondaries moved north-east across the British Isles. Winds were mainly from some southerly point and temperature reached 65°F. locally in England on the 3rd. Squally winds prevailed, reaching gale force at some stations in the west and north, while rain occurred fairly generally and was accompanied in some instances by hail and thunder. Between the 4th and 6th, the depression centred south of Ireland, moved east and filled up and on the 7th and 8th a deep secondary developed over the Bay of Biscay and moved north-east and then north causing heavy rain in England on the 7th. During the next few days a large complex depression moved directly over the British Isles and filled up. Meanwhile a new disturbance in the far north moving south-east reached the Hebrides by the 12th and for a considerable period, low pressure persisted off our north-west coasts, while secondary depressions moved north-east across the British Isles, maintaining very unsettled conditions, particularly in England. The secondary which passed over England on the 17th and 18th was deep and caused local gales in England and widespread heavy rain.

A period of more settled weather prevailed from approximately the 22nd–25th under the influence of extensions of first the Scandinavian anticyclone and later the Atlantic anticyclone. Temperature was rather low from the 23rd to 25th.

General rain was again experienced in the west and north on the night of the 25th to 26th and thereafter very deep depressions situated northward of the British Isles maintained unsettled conditions for the remainder of the month, with rather squally south-westerly to westerly winds, reaching gale force at times at exposed places in the west and north. A widespread gale was experienced in England and Ireland on the 30th.

Pressure and Wind.—As was to be expected from the unsettled nature of the month, pressure was decidedly below the average generally. The deficiency at 7h. varied from 4·9 mb. at Lerwick to 11·2 mb. at Valentia Observatory.

Local gales occurred at times at exposed places in the south-west, west and north between the 2nd and 5th and in the north between the 25th and 29th. A widespread gale was experienced in England and Ireland on the 30th. Gales were also recorded in the south-west on the 11th and 13th, locally in Scotland on the 12th, at a few places in England on the 17th and 18th and in southern Ireland on the 19th. Among the highest speeds recorded in gusts were 78 m.p.h. at Bidston Observatory on the 30th and 75 m.p.h. at Valentia Observatory on the 3rd.

Temperature.—Broadly speaking, mean temperature somewhat exceeded the average in Great Britain and was slightly below the average in Ireland, the deviation varying from −1·2°F. in Ireland, N. to +2·3°F. in England, E. (See Table I).

The warmest spell occurred during the first few days, maximum temperatures reaching or exceeding 60°F. at many stations in England and at a few in Scotland on the 3rd. The nights as well as the days were very mild at this time: for example, at a number of places on the south coast of England temperature did not fall below 55°F. on the night of the 2nd to 3rd. A second mild spell was experienced around the 28th. The coldest period occurred, on the whole, between the 23rd and 26th, during the mainly anticyclonic régime. Minima of 25°F. or below were registered at numerous stations on the mornings of the 24th or 25th. Low minima were recorded locally also on the 7th, 9th, 14th and 17th.

The extremes for the month were:—(England and Wales) 65°F. at Attenborough and Canterbury on the 3rd, 16°F. at Rickmansworth on the 25th; (Scotland) 61°F. at Turnberry on the 3rd and 4th, 19°F. at Eskdalemuir on the 24th; (Ireland) 59°F. at Armagh and Trinity College, Dublin, on the 3rd and 24°F. at Markree Castle, Foynes and Cork on the 25th and at Phœnix Park, Dublin, on the 17th.

Precipitation.—The general precipitation of the British Isles expressed as a percentage of the average for the period 1881–1915 was 154, the values for the constituent countries being England and Wales 179, Scotland 114 and Ireland 132.

A considerable deficiency occurred in the north-west of Scotland: in a few instances it amounted to more than 40 per cent of the average, while at Achnashellach (Ross and Cromarty) it equalled 63 per cent. The monthly totals fell somewhat below the average also at a few scattered stations in Cumberland, Westmorland, Renfrewshire and Morayshire. On the other hand, the excess was notable over most of England, the rainfall being more than twice the average over large areas in southern and central districts. The period 7th–20th was excessively wet in England and considerable damage was caused in many parts by floods. It was the wettest November at Shanklin (Isle of Wight), Wakefield, Cranwell and Calshot since observations were started in 1905, 1912, 1917 and 1871 respectively. (For this purpose the short period at Calshot is supplemented by the longer record at Southampton.)

Among heavy falls in 24 hours were:—

7th 49 mm. at St. Peter's Port, Guernsey.

14th 57 mm. at Holne (Devon), 56 mm. at Princetown, 53 mm. at Chewton Mendip (Somerset) and 49 mm. at St. Briavel's (Glos.).

16th 67 mm. at Creech (Dorset), 58 mm. at Holton Heath and 50 mm. at Bournemouth.

30th 56 mm. at Holne (Devon).

Hail occurred frequently on the west coast: it was reported on 10 days at Stornoway, 9 days at Valentia and 8 days at Blacksod Point. Local thunderstorms also occurred rather frequently, being recorded somewhere or other on about 11 days. They were rather widespread on the 12th and, in the west and north of Scotland, on the 26th. Snowfall was not appreciable in Scotland until the 30th, when most of the country was snow-covered for the first time this season.

Sunshine.—Broadly speaking, sunshine totals exceeded the average in Ireland, south-west England and the north of Scotland and were, for the most part, below the average elsewhere. The district values show that the deficiency was greatest in the eastern half of England and in the west of Scotland. The percentage of the average varied from 67 in England, N.E. to 120 in Ireland, S. and 127 in the Channel Islands.

Fog.—Local fog occurred at times, particularly between the 5th and 25th.

Miscellaneous Phenomena.—The aurora was seen in the north of Scotland on the 2nd, 3rd, 6th, 12th, 14th, 16th, 18th, 27th, 29th and 30th. Solar halos were noted at Oxford on 12 days and a sun pillar was observed at Worthy Down on the 21st.

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40/9999.

TABLE I.—DISTRICT VALUES.— NOVEMBER, 1935 [1908, revised 1928.]

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	23	+0·8	-	-	95	- 2	106	20
Eastern.									
1. SCOTLAND, E.	59	21	+0·1	-	-	145	+ 5	100	25
2. ENGLAND, N.E.	64	23	+1·1	+1·3	+0·8	191	+ 5	67	17
3. ENGLAND, E.	63	16	+2·3	+2·5	+1·8	167	+ 5	85	21
4. MIDLAND COUNTIES ..	65	25	+1·8	+1·7	+1·0	225	+ 5	94	20
5. ENGLAND, S.E.	65	23	+1·9	+2·1	+1·7	205	+ 7	79	20
Western.									
6. SCOTLAND, W. (*and I. of Man*)	61	19	+0·2	+0·9	+0·5	126	+ 4	78	17
7. ENGLAND, N.W. (*and N. Wales*)	64	22	+1·5	+1·9	+0·7	124	+ 6	92	21
8. ENGLAND, S.W. (*and S. Wales*)	62	22	+0·4	+0·9	+0·9	167	+ 5	105	28
9. IRELAND, N...	59	24	-1·2	-0·9	-0·5	120	0	112	25
10. IRELAND, S. ..	59	24	-0·7	-1·5	-0·3	129	+ 3	120	30
11. CHANNEL I. (*and Scilly*)	62	35	+0·5	+0·1	+0·4	163	+ 3	127	35
Mean : DISTRICTS 1—10	65	16	+0·7	+1·0	+0·7	160	+ 4	93	22

TABLE II.—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND.— NOVEMBER, 1935 [1914.]

DISTRICT AND STATION.	Height.			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.	Veer from N.	Speed.		Hour ended at		Speed.		Time.		
					hr.		hr.	hr.	hr.	hr.	°	mi/hr.	m/s.	day.	hr.	mi/hr.	m/s.	d.	h.	m.
0. SCOTLAND, N.	ft.	ft.	ft.																	
Shetland. ‡Lerwick	310	53	39	5,25-29	16	20	217	365	107	15	0	290	45	20	29	02	72	32	27	01	40
Orkney. Kirkwall	170	40	35	-	0	14	148	381	190	1	0	140	36	16	12	13	63	28	30	04	05
Hebrides. Stornoway	—	—	—																		
1. SCOTLAND, E.																					
Aberdeen. Aberdeen	70	42	32	-	0	10	32	240	363	85	0	130	30	13	4	06	51	23	25	22	45
Kincardine. Balmakewan ..	140	25	20	-	0	0	0	41	(352)	(327)	0	250	20	9	26	04	40	18	25	18	50
Angus. Bell Rock Lighthouse	130	—	126	12, 25, 26, 29, 30	15	19	212	299	143	51	0	240	44	20	26	04	61	27	26	01	15
Edinburgh. Edinburgh	485	39	23	-	0	5	11	200	303	206	0	220	30	13	26	03	51	23	29	15	20
6a. SCOTLAND, W.																					
Argyll. Tiree	75	50	42	12,25	4	15	135	319	217	45	0	280	44	20	12	10	64	29	12	10	30
Renfrew. Paisley	188	81	31	-	0	0	0	136	409	175	0	190	23	10	12	08	50	22	26	00	45
Renfrew. Abbotsinch ..	65	46	33	-	0	3	7	169	342	202	0	210	28	13	26	04	61	27	12	08	15
Dumfries. Eskdalemuir ..	825	50	35	-	0	6	31	203	275	211	0	220	34	15	26	03	62	28	28	18	50
2. ENGLAND, N.E.																					
Durham. South Shields ..	73	57	44	-	0	7	37	205	310	168	0	350	36	16	18	05	49	22	18	04	10
Yorks., N.R. Catterick	220	45	33	-	0	1	2	70	392	256	0	260	30	13	28	09	54	24	28	08	20
Yorks., E.R. Spurn Head ..	64	42	34	30	1	14	123	422	158	16	0	290	46	21	30	23	66	29	30	22	05
Lincoln. Cranwell	284	43	33	-	0	3	11	282	391	36	0	200	32	14	30	21	57	25	30	21	50
3. ENGLAND, E.																					
Norfolk. Gorleston	52	42	34	-	0	12	88	294	300	38	0	130	38	17	17	12	58	26	17	11	40
Suffolk. Felixstowe Aero. ..	65	50	40	-	0	12	57	314	320	29	0	190	35	16	30	22	60	27	30	22	10
Bedford. Cardington ..	285	150	135	30	1	9	69	374	244	32	0	190	39	17	30	20	60	27	30	20	45
Essex. Shoeburyness ..	115	104	89	1,30	2	16	100	414	195	9	0	220	40	18	30	22	53	24	30	22	30
4. MIDLAND COUNTIES.																					
Warwick. Birmingham ..	643	118	73	-	0	3	8	242	449	21	0	280	30	13	30	22	55	25	30	20	55
5. ENGLAND, S.E.																					
London. South Kensington..	137	110	30	-	0	0	0	84	582	54	0	230	19	9	30	21	53	24	30	21	15
Surrey. Kew Observatory ..	92	75	50	-	0	0	0	165	436	119	0	210	24	11	30	21	53	23	1	09	25
Surrey. Croydon	313	105	70	-	0	4	16	239	376	89	0	240	31	14	30	23	59	26	30	22	05
Kent. Dover	66	66	60	-	0	14	125	319	257	19	0	-	35	16	12	06	61	27	30	21	30
Kent. Lympne	418	76	48	-	0	8	27	323	361	9	0	210	38	17	30	22	62	28	30	19	35
Hampshire. Calshot	58	50	42	-	0	12	74	232	319	81	14	180	37	17	1	08	58	26	30	19	10
Wiltshire. Boscombe Down ..	462	45	33	-	0	10	32	178	384	126	0	250	34	15	30	21	65	29	30	20	35
Wiltshire. Larkhill	491	51	36	30	1	6	34	216	418	51	0	260	39	17	30	22	72	32	30	20	35
7a. ENGLAND, N.W.																					
Lancashire. Fleetwood	112	50	31	30	2	6	32	242	408	36	0	320	42	19	30	21	61	27	30	20	00
Lancashire. Manchester (Barton)	153	83	80	30	1	8	26	297	344	52	0	290	40	18	30	21	63	28	30	20	10
Lancashire. Southport	60	42	33	30	3	8	87	171	425	34	0	270	39	17	30	24	66	29	30	19	45
Cheshire. Bidston Obs'y. ..	262	64	39	30	3	10	40	260	347	16	54	280	47	21	30	21	78	35	30	20	10
7b. NORTH WALES.																					
Anglesey. Holyhead	68	43	38	17,18,30	9	12	75	380	211	45	0	290	46	21	30	20	73	33	30	18	50
Flint. Sealand	81	65	42	-	0	3	8	134	449	129	0	270	35	16	30	21	67	30	30	20	10
8a. SOUTH WALES.																					
Pembroke. St. Ann's Head ..	—	—	—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8b. ENGLAND, S.W.																					
Devon. Plymouth	185	88	65	4,9,11,15	15	11	88	311	258	48	0	-	48	21	11	21	60	27	11	20	35
Cornwall. The Lizard	315	75	60	3,4,11,13,30	20	22	204	338	143	15	0	250	52	23	30	20	73	33	13	09	40
Cornwall. Pendennis Castle ..	256	65	42	3,4,11,30	28	15	116	297	240	39	0	270	47	21	30	20	71	32	30	18	20
9. IRELAND, N.																					
Donegal. Dunfanaghy Road	180	47	30	-	0	8	45	175	314	153	33	-	36	16	28	01	66	29	30	06	30
Antrim. Aldergrove	282	40	20	-	0	2	2	248	397	73	0	210	25	11	3	16	54	24	3	16	20
10. IRELAND, S.																					
Dublin. Kingstown (Cup Anr.)	49	27	27	3,11,28,30	6	17	132	277	258	49	0	130	42	19	3	13	-	-	-	-	-
Clare. Quilty	100	40	32	30	1	12	112	349	245	13	0	-	39	17	30	16	51	23	29	19	00
Kerry. Valentia Observatory	98	41	33	3	2	9	47	371	263	37	0	130	39	17	3	04	75	33	3	06	45
Cork. Cork	132	71	40	-	0	1	1	40	249	311	119	-	25	11	30	16	48	21	30	16	10
11. SCILLY ISLES.																					
St. Mary's	230	65	57	3, 13, 17, 19	19	22	230	334	118	19	0	270	50	22	30	22	70	31	30	22	45

‡‡ Brackets ( ) indicate that the distribution as between winds above and below 4 m.p.h. is doubtful, but the total number of hours with winds below 12 m.p.h. is reliable.

‡ Data inaccurate prior to October, 1929 (*see* 1933 Annual Summary, Wind Section).

MONTHLY WEATHER CHARTS, NOVEMBER, 1935.

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

The dotted lines indicate the normal distribution of pressure in November, based on 15 years' observations, 1881–1915.

1007 1008 1009 1010 1011 1012 1013 1014

999 1000 1001 1002 1003 1004 1005 1006 1007

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

2. MOVEMENTS OF DEPRESSIONS.

A B C D E F G H I J K L M N O P Q R S

SCALE 1: 25,000,000.

Positions of centres are shown 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.
50° 48° 46° 44° 42°

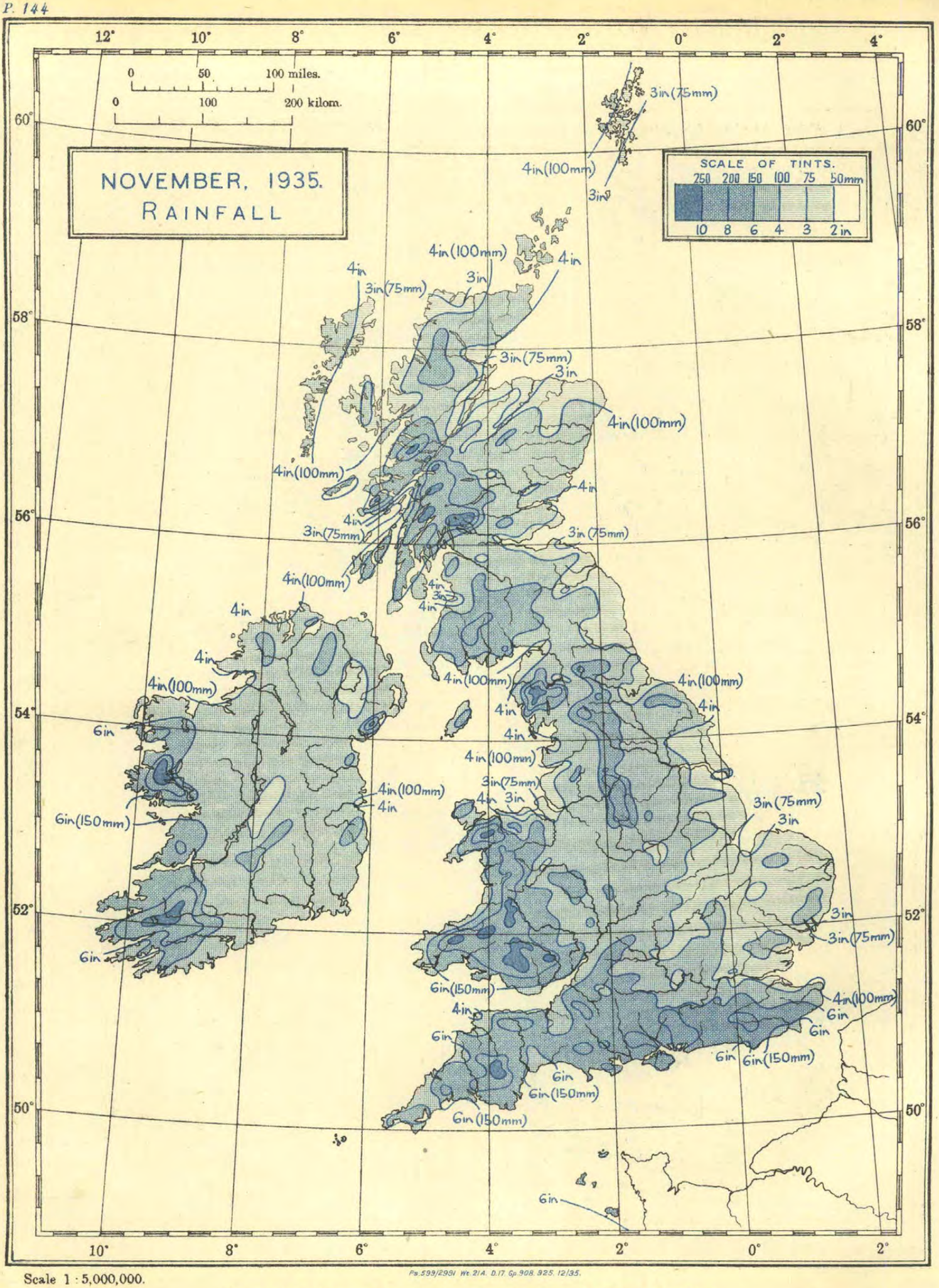
Sea temperatures are shewn in large figures, thus: 50°

4. BRIGHT SUNSHINE, HOURS PER DAY.

SCALE OF TINTS.
Hrs.
3·0 2·0 1·0

H.M. Stationery Office Press, Kingsway W.C.2

*The pressure is expressed in millibars.



Scale 1 : 5,000,000.

Ps.599/2991 Wt. 21A. D.17. Gp.908. 925. 12/35.

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

TABLE III.—SUMMARY of the RECORDS of TEMPERATURE, RAINFALL and SUNSHINE, and of WEATHER OBSERVATIONS, NOVEMBER, 1935

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. in.	mm.	Difference from Average. mm.	Most in a day. Amount. mm.	Date.	WEATHER. Number of days. Precip'n. 0·2 mm. or more.	1 mm. or more.	Snow.	Snow lying.	Hail.	Thunderstorm.	Fog (Morn'g Obs.	Ground Frost.	Gale.	BRIGHT SUNSHINE. Hours per day. Daily Mean. hr.	Difference from Average. hr.	Per Cent.
		G.M.T.	ft.	°F.	°F.	°F.	°F.	°F.		°F.		°F.	°F.	in.	mm.	mm.	mm.													
0. SCOTLAND, N.																														
Shetland.	Baltasound ..	9 9 9	31	47·2	40·3	43·7	+2·0	52	2	31	23	43·9	–	3·85	98	–22	10	25	27	20	1	0	6	1	0	–	3	0·91	+0·02	12
	Lerwick .. ¶§	18–7 7	156	47·2	42·6	44·9	+2·0	51	2,3	33	30	–	–	2·90	74	–	8	17	22	17	1	0	7	0	0	–	8	1·08	–0·13	14
Orkney.	Deerness	2121 9	160	47·4	41·1	44·3	+1·6	52	3,4	33	29,30	–	–	5·20	132	+32	17	17	25	22	3	0	3	2	0	–	–	1·62	+0·33	21
	Kirkwall .. ¶§	9 9 9	113	46·7	40·5	43·6	+0·9	52	3	33	30	43·6	–	5·19	132	+28	17	17	24	24	3	0	0	0	0	6	1·67	+0·25	22
Hebrides.	Skallary	101010	30	49·2	42·4	45·8	–	55	3	35	30	–	–	5·84	148	–	30	11	23	21	3	0	4	0	–	–	–	–	–	–
	Stornoway(C.G.) ¶§	18–7 7	80	47·6	41·6	44·6	+2·1	55	2,3	34	29,30	–	–	3·32	84	–	14	14	23	18	2	0	10	1	0	–	0	1·77	+0·26	22
	Stornoway ..	– – 9	30	–	–	–	–	–	–	–	–	–	–	3·68	93	–55	10	14,25	20	17	–	–	–	–	–	–	–	–	–	–
Skye.	Duntulm	9 9 9	294	47·7	39·0	43·3	–	57	3	33	30	–	–	3·93	100	–	10	13	21	19	2	0	5	1	0	–	3	1·86	–	23
Caithness.	Wick	18–7 7	81	47·5	40·9	44·2	+2·0	54	1	33	30	–	–	4·56	116	+36	23	17	23	19	4	1	0	0	0	–	5	–	–	–
Ross & Cromarty.	Achnashellach ..	9 9 9	225	47·2	33·9	40·5	–	52	1	28	8,9,29	–	–	3·42	87	–145	18	25	17	15	2	2	0	0	0	10	–	–	–	–
	Fortrose	9 9 9	69	46·5	36·2	41·3	–0·5	56	3	29	9	–	–	2·19	56	–	18	17	14	12	3	0	0	1	–	2	1·98	+0·11	25
Inverness.	Dalwhinnie ..	18–7 7	1176	41·7	34·3	38·0	–	50	3	23	11	–	–	5·46	139	–	27	3	24	20	6	2	0	0	1	15	0	0·78	–	10S
	Ft. Augustus ¶	9 9 9	68	46·6	36·2	41·4	+0·2	56	3	28	11	–	–	3·73	95	–21	18	1	17	15	2	1	0	0	1	–	–	1·16	–	14S
	Ft. William ..	9 9 9	34	47·8	38·0	42·9	+1·0	60	3	28	11	42·1	46·6	7·30	185	–19	27	25	20	20	2	0	3	2	0	7	0	1·06	–	13S
	Inverness ¶§	9 9 9	242	46·2	35·9	41·1	–1·0	56	3	30	9,17	–	–	2·69	68	+ 4	25	17	15	12	3	1	0	0	2	11	0	1·77	–0·01	22
1. SCOTLAND, E.																														
Nairn.	Nairn .. ¶§	9 9 9	20	47·3	34·8	41·1	–1·0	57	3	24	9	–	–	2·63	67	+ 7	33	17	16	13	3	0	0	0	1	–	0	2·36	+0·53	30
Moray.	Forres	9 9 9	155	47·1	35·2	41·1	–	56	3	27	9	–	–	2·23	57	–	28	17	18	11	3	1	0	0	1	–	0	2·50	–	31
	Gordon Castle ..	2121 9	104	47·3	35·4	41·3	–0·4	54	3	28	9	–	–	2·47	63	–10	20	17	20	12	2	0	0	0	–	–	–	2·17	+0·37	27S
Banff.	Banff	9 9 9	130	46·3	37·1	41·7	–0·4	53	3,4	30	14	–	–	3·05	77	+10	20	17	17	14	1	0	0	0	0	10	0	1·95	–0·02	25S
Aberdeen.	Aberdeen ¶§	242424	79	47·5	37·7	42·6	+0·7	53	3	31	23,24	42·7	45·9	4·26	108	+33	25	17	21	14	0	0	2	0	0	13	0	1·58	–0·42	20
		18–7 –	—	47·2	38·4	42·8	+0·3																							
	Balmoral	9 9 9	927	43·0	32·3	37·7	0·0	51	3	24	14	–	–	4·92	125	+31	31	17	28	21	3	1	0	0	–	16	0	–	–	–
	Braemar	2121 9	1111	43·5	32·8	38·1	+0·6	54	4	23	24	–	–	4·76	121	+23	30	17	28	20	4	3	0	1	1	10	1	0·96	–	12S
	Craibstone ..	9 9 9	300	46·1	36·1	41·1	–	51	3	32	9,14,30	42·4	45·2	5·53	141	+60	43	17	20	16	2	1	1	0	–	12	–	1·79	–	22
	Logie Coldstone ..	9 9 9	608	44·7	33·3	39·0	+0·1	52	3	24	9	–	–	3·99	101	+23	24	17	19	16	1	0	0	1	0	17	–	—	–	–
Kincardine.	Balmakewan ..	9 9 9	80	46·2	32·7	39·5	–	53	3	25	24	–	–	5·57	141	+66	41	17	24	20	0	0	0	0	0	(23)	0	–	–	–
	Stonehaven ..	9 9 9	12	49·0	36·2	42·6	–	54	28	29	9	–	–	4·46	113	–	35	17	20	15	0	0	0	0	1	–	–	1·77	–	22
Angus.	Arbroath	2121 9	93	48·8	36·3	42·5	+0·5	54	2	27	14,24	–	–	3·79	96	+34	40	17	21	16	0	0	0	1	4	17	0	1·86	–	23
	Carnoustie ..	9 9 9	39	47·3	38·1	42·9	+0·6	53	2,28	31	14	–	–	3·65	93	+28	39	17	25	16	1	0	1	0	–	–	0	1·85	–0·41	20S
	Dundee ¶§	9 9 9	147	47·1	36·9	42·0	+0·9	54	2	28	14	41·6	–	4·01	102	+43	39	17	26	16	3	0	0	1	–	16	1	1·93	–0·38	24
	Kettins	9 9 9	218	45·8	34·9	40·3	+0·8	53	2,3,28	27	14	40·9	–	3·87	98	+19	30	17	26	19	3	1	0	1	2	14	1	–	–	–
	Montrose	9 9 9	16	47·7	37·0	42·3	+0·1	53	3,28	28	9	–	–	4·10	104	–	36	17	22	16	0	0	0	0	0	–	0	1·82	–0·49	22
Perth.	Crieff	2121 9	478	45·2	35·7	40·5	–0·1	53	3,28	29	24	–	–	4·79	122	+12	24	17	26	18	3	1	0	0	–	–	1	–	–	–
	Perth	9 9 9	76	46·2	35·9	41·1	+0·7	56	2	26	24	–	–	4·36	111	+38	32	17	22	21	1	0	0	0	–	–	–	1·24	–0·72	15
Fife.	Cupar	9 9 9	210	46·4	36·0	41·2	+0·3	54	2	28	14	–	–	4·91	125	–	44	17	22	19	1	1	1	0	–	–	–	–	–	–
	Dunfermline ..	9 9 9	237	47·3	37·4	42·3	–	57	3	29	24	43·0	47·4	3·44	87	–	33	17	19	15	3	0	0	0	1	12	0	1·78	–	22
	Inchkeith ..	18–7 7	190	48·1	41·2	44·7	+1·4	56	3	34	24,30	–	–	3·17	81	+34	35	17	20	13	1	0	0	0	2	0	0	2·20	–	27
	Kirkcaldy ..	9 9 9	63	48·2	36·8	42·5	+0·2	56	2	31	25	–	–	3·97	101	–	35	17	25	16	0	0	0	0	–	–	–	–	–	–
	Leuchars ..	18–7 7	35	47·6	36·4	42·0	+1·1	54	2,28	27	17,24	–	–	4·05	103	+45	37	17	22	17	0	0	0	1	2	17	0	2·12	–0·41	26
	St. Andrews ..	9 9 9	13	47·7	36·8	42·3	+0·2	54	2,3	28	14	42·6	47·4	3·96	101	+41	38	17	24	15	1	0	2	1	1	8	–	2·20	+0·02	27
Mid Lothian.	Edinburgh—																													
	Blackford H. ¶§	2121 9	441	46·8	37·3	42·1	+0·1	56	3	33	13,24,30	–	–	3·80	97	+40	39	17	22	15	3	0	0	0	5	5	0	2·52	+0·36	31
	Boghall	9 9 9	639	45·4	35·5	40·5	–	55	3	28	24	40·2	45·1	4·72	120	–	48	17	23	13	2	1	1	0	3	12	–	2·11	–	26
	Liberton ..	9 9 9	190	47·8	35·4	41·6	–	57	3	27	24	–	–	4·20	107	–	37	17	23	16	1	0	0	0	–	–	–	–	–	–
	Univ. King's B.	9 9 9	225	47·9	36·1	42·0	–	55	2	29	24	41·4	46·5	3·77	96	–	38	17	21	16	–	–	–	–	–	–	–	–	–	–	–
E. Lothian.	Dunbar	9 9 9	75	48·8	39·2	44·0	–	56	2,3	32	14,24	–	–	2·53	64	–	25	17	19	13	1	0	0	0	0	12	0	2·56	–	31
	N. Berwick ..	9 9 9	118	48·5	36·3	42·4	–	59	4	30	24	–	–	2·68	68	+14	25	17	16	15	1	0	0	0	0	20	0	2·36	–	29
Berwick.	Marchmont ¶§	9 9 9	498	45·7	34·9	40·3	–0·2	53	3	27	24	–	–	3·75	95	+19	29	17	26	18	1	0	0	0	–	–	0	1·64	–0·16	20S
Peebles.	Peebles	9 9 9	629	47·3	35·6	41·5	–	57	3	22	24	–	–	4·32	110	–	19	17	20	18	1	0	0	0	0	12	0	1·72	–	21
	West Linton ..	9 9 9	820	45·2	33·6	39·4	+1·3	55	3	22	24	40·5	45·5	5·12	130	–	32	17	20	16	4	1	1	0	5	17	0	–	–	–
Roxburgh.	Kelso (Br'ml'ds)	9 9 9	193	47·3	34·7	41·0	+0·3	59	3	25	24	–	–	3·18	81	+22	25	17	22	13	1	0	0	0	5	–	0	–	–	–
	Wolfelee	9 9 9	537	45·6	34·5	40·1	+0·8	56	3	21	24	–	–	4·08	104	+ 6	23	17	22	18	1	0	0	0	3	–	0	–	–	–
6*a*. SCOTLAND, W.																														
Argyll.	Ardtornish ..	2121 9	48	48·5	37·1	42·8	+0·1	58	3	30	7	–	–	7·93	201	–	26	12	24	22	0	0	4	3	–	5	–	–	–	–	–
	Colonsay	9 9 9	100	48·5	39·8	44·1	–	59	3	33	19	–	–	5·44	138	–	26	11	26	23	0	0	3	0	–	–	–	–	–	–	–
	Dunoon	9 9 9	46	47·7	37·2	42·5	–	58	3	31	6,11,24	42·7	45·5	9·85	250	–	26	30	23	21	4	0	2	1	0	12	–	0·82	–	10S
	Glenbranter ..	9 9 9	188	46·0	35·0	40·5	–	57	3	28	11	–	–	11·86	301	–	35	27	20	20	0	0	2	0	11	0	–	–	–	–
	Oban	9 9 9	229	46·4	37·1	41·7	–1·6	53	4	32	11,13	–	–	3·00	76	–	13	27	20	18	1	0	2	1	0	4	0	1·44	–0·39	18
	Tiree	18–7 7	22	48·1	41·8	44·9	–	57	3	36	30	–	–	7·07	179	+56	37	11	27	20	1	0	5	(1)	0	2	6	1·04	–	13
Bute.	Rothesay ¶§	2121 9	200	47·4	40·1	43·7	+0·6	57	3	34	30	43·2	47·5	5·75	146	+17	13	30	21	21	1	0	3	2	2	14	2	1·46	–0·26	18
Dumbarton.	Cardross	9 9 9	130	46·8	37·2	42·0	+1·1	58	3	30	24	–	–	5·10	129	–	15	3,17	20	19	0	0	0	0	6	–	0	1·12	–0·57	14S
	Helensburgh ..	9 9 9	293	46·4	37·4	41·9	+0·6	57	3	31	24	–	–	5·43	138	0	14	3	21	20	1	0	2	0	3	–	0	1·12	–0·55	14
Stirling.	Stirling	9 9 9	151	46·5	38·0	42·3	+1·2	55	2,3	30	24	42·1	49·9	3·47	88	–	11	15	23	18	0	0	0	0	7	9	0	0·69	–1·03	8S
Renfrew.	Greenock	9 9 9	199	46·9	38·8	42·9	+0·4	57	3	34	13,30	–	–	5·83	148	–15	17	30	22	20	0	0	2	1	10	4	0	–	–	–
	Paisley	2121 9	106	47·0	37·9	42·5	+0·2	59	3	30	10	42·9	48·9	4·63	118	+12	19	29	20	17	1	0	5	0	3	14	–	1·07	–0·44	13S
	Renfrew ¶§ (Abbotsinch)	18–7 7	19	46·7	36·8	41·7	+0·8	59	3	25	24	–	–	4·12	105	+ 6	17	30	21	18	1	0	2	0	4	15	0	1·18	–0·44	14
Lanark.	Dungavel	9 9 9	798	44·4	35·0	39·7	+0·5	55	3	27	24	–	–	7·03	179	–	29	17	19	18	5	1	3	1	1	10	–	–	–	–
	Glasgow	9 9 9	85	46·8	38·5	42·7	+0·2	58	3	30	10	–	47·1	3·61	92	– 1	15	29	21	18	3	0	2	1	12	–	–	–	–	–
	Thorntonhall ..	9 9 9	440	46·0	35·2	40·6	+0·9	57	3	28	10,24	–	–	5·90	150	–	29	17,29	23	16	2	0	3	1	–	18	3	1·57	+0·07	19
Ayr.	Auchincruive ..	9 9 9	89	48·4	36·6	42·5	–	58	3	29	24	44·2	48·7	4·07	103	–	21	17	£0	18	0	0	1	0	1	16	–	1·86	–	22
	Colmonell ..	9 9 9	170	48·4	37·2	42·8	–0·1	60	3	28	24	–	–	5·77	147	+20	17	3	23	21	0	0	3	1	0	11	–	–	–	–
	Troon	9 9 9	15	48·8	39·5	44·1	–	59	3	33	10,24	–	–	4·38	111	–	21	17	19	16	0	0	1	0	3	6	0	1·45	–	17
	Turnberry ..	9 9 9	30	49·0	39·9	44·5	+0·6	61	3,4	34	10	–	–	4·25	108	–	20	17	23	18	0	0	1	0	0	0	0	1·73	+0·02	21
Dumfries.	Dumfries .. ¶§	2121 9	140	47·1	37·2	42·1	+0·4	58	3	26	24	44·0	48·1	6·29	160	+72	26	30	22	20	3	0	4	0	2	17	0	1·63	–0·26	19
	Eskdalemuir ¶§	242424	794	44·6	33·6	39·1	+0·6	57	3	19	24	43·5	48·2	5·98	152	+ 5	23	30	29	23	5	2	3	0	1	15	1	1·35	–0·60	16
		18–7 –	—	44·6	35·3	39·9	+1·3																							
	Ruthwell	2121 9	67	48·4	37·3	42·9	+1·5	59	3	25	24	–	–	5·68	144	–	36	30	22	18	1	0	1	0	–	–	0	1·62	–0·30	19S
	Thornhill ..	9 9 9	670	46·5	36·7	41·6	–	58	3	27	24	–	–	6·21	158	–	27	3	22	18	1	0	1	0	1	–	1	–	–	–

¶§ S *See* Notes on Tables on last page of this issue.

TABLE III (*continued*).—SUMMARY of the RECORDS of TEMPERATURE, RAINFALL and SUNSHINE, and of WEATHER OBSERVATIONS, NOVEMBER, 1935

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. in.	mm.	Difference from Average. mm.	Most in a day. Amount. mm.	Date.	WEATHER. Number of days. Precip'n. 0·2 mm. or more.	1 mm. or more.	Snow.	Snow lying.	Hail.	Thunderstorm.	Fog (Morn'g Obs.)	Ground Frost.	Gale.	BRIGHT SUNSHINE. Hours per day. Daily Mean. hr.	Difference from Average. hr.	Per Cent. %
6b. ISLE OF MAN.		G.M.T.	ft.	°F.	°F.	°F.	°F.	°F.		°F.		°F.	°F.				mm.													
Isle of Man.	Douglas	9 9 9	284	49·1	41·8	45·5	+0·6	56	3	32	24	-	-	5·92	150	+30	18	3,17	23	18	0	0	3	3	0	1	1	2·54	+0·33	30
	Point of Ayre ..	18–7 7	30	49·9	41·8	45·9	-	57	2,3	30	24	-	-	4·95	126	-	27	17	23	21	0	0	1	1	0	-	0	2·34	-	28
2. ENGLAND, N.E.																														
Northum-berland.	Berwick-on-T. ..	9 9 9	76	47·9	38·2	43·1	-	53	2,3	30	14,24	-	-	3·00	76	+21	19	17	19	12	1	0	0	0	1	3	-	2·19	-	26
	Bellingham ..	9 9 9	849	44·9	34·7	39·8	+0·9	55	3	24	14	-	-	4·15	105	+18	21	30	27	19	3	1	0	0	0	-	-	-	-	-
	Cockle Park ¶§	2121 9	325	46·2	36·0	41·1	-0·1	53	2,3	28	13,14	40·9	45·1	3·79	96	+30	29	17	22	15	0	0	0	0	2	13	0	1·07	-1·28	3
	Tynemouth ..	18–7 7	108	48·0	41·4	44·7	+1·4	55	2,28	33	24	-	-	3·20	81	+27	30	17	21	16	0	0	0	1	1	4	0	-	-	-
Durham.	Chopwellwood ..	9 9 9	446	47·7	37·1	42·4	+1·7	60	3	28	14	-	-	4·17	106	+41	33	17	23	17	0	0	0	0	0	14	-	1·54	-0·71	18
	Durham .. ¶§	2121 9	336	47·4	37·3	42·3	+1·1	59	3	30	14	-	-	4·06	103	+45	29	17	25	17	0	0	0	0	5	11	0	1·13	-0·96	13
	Houghall.. ..	9 9 9	160	49·6	36·6	43·1	-	61	3	28	14	-	-	4·22	107	-	28	17	23	19	0	0	1	0	3	15	0	1·20	-	14
	Ushaw College ..	9 9 9	594	46·7	37·4	42·1	+1·2	58	3	31	13	-	-	5·01	127	+62	31	17	27	20	0	0	0	0	12	-	-	-	-	-
Yorks., N. Riding.	Ampleforth ..	9 9 9	313	47·4	38·0	42·7	+1·2	60	3	32	24	-	-	4·87	124	-	21	17	25	20	0	0	0	0	6	14	-	1·20	-	14
	Castleton ..	9 9 9	450	47·7	37·0	42·3	-	60	3	28	7	44·2	-	5·56	141	-	31	17	25	20	0	0	0	0	1	11	-	-	-	-
	Catterick.. ..	18–7 7	175	47·3	37·6	42·5	-	60	3	29	24	-	-	4·31	110	-	33	17	25	17	1	0	1	0	3	11	0	1·32	-	16
	Scarborough †¶§	9 9 9	118	49·3	40·4	44·9	+0·6	56	2	33	7	-	48·0	4·25	108	+45	28	7	21	17	0	0	0	0	2	5	0	1·45	-0·54	17
	York .. ¶§	2121 9	57	48·9	39·5	44·2	+1·7	62	3	31	25	45·7	49·9	4·09	104	+51	19	14	23	16	0	0	0	0	-	-	0	1·19	-0·46	14S
Yorks., E. Riding.	Hull	2121 9	8	49·0	41·5	45·3	+2·6	57	2,3	33	7	44·7	49·5	3·73	95	+39	14	17	19	18	0	0	0	0	5	7	-	1·30	-	15
	Spurn Head ..	18–7 7	29	48·7	42·4	45·5	+1·6	54	2,3	37	26	-	-	4·23	107	+53	26	7	25	15	0	0	2	0	2	-	1	2·06	-0·23	24
Lincoln.	Cranwell .. ¶§	18–7 7	240	48·7	38·9	43·8	+2·3	64	3	30	7	43·7	48·3	4·88	124	+77	25	17	22	18	0	0	0	0	7	8	0	2·25	-0·20	26
	Cleethorpes ..	9 9 9	23	49·2	39·3	44·3	-	58	3	31	7	-	-	3·80	91	-	22	7	24	17	0	0	0	0	1	3	-	2·03	-	24
	Skegness ..	9 9 9	15	49·3	40·9	45·1	+1·9	56	3	31	25	-	-	3·15	80	+25	19	7	22	15	0	0	0	0	2	1	-	2·09	-0·23	24
3. ENGLAND, E.																														
Norfolk.	Cromer	9 9 9	178	50·0	40·9	45·5	+1·4	61	3	33	26	-	-	3·44	87	+27	18	7	25	17	0	0	0	0	1	1	0	2·29	-0·01	26
	Hunstanton ..	9 9 9	105	49·7	40·8	45·3	-	62	3	31	25	-	-	2·70	69	-	.12	7	25	19	0	0	0	0	2	-	-	2·10	-	24
	Norwich	9 9 9	110	50·3	40·0	45·1	+2·4	61	3	30	25	44·5	-	3·52	89	-	20	7	29	19	0	0	1	0	-	11	-	1·87	-0·37	21
	Sprowston ..	9 9 9	93	50·7	40·3	45·5	-	60	3	31	14,25,26	-	-	3·50	90	-	20	7	28	20	1	0	1	0	1	14	-	1·95	-	22S
	Terrington ..	9 9 9	13	50·5	39·2	44·9	-	63	3,4	31	25	-	-	2·92	74	-	16	7	22	16	0	0	0	0	3	8	-	1·96	-	23
	Thetford ..	9 9 9	99	50·2	37·9	44·1	-	62	3	24	25	45·0	49·9	3·10	79	-	17	7	24	16	0	0	0	0	2	10	-	2·09	-	24
	(Lynford Nursery)																													
	Yarmouth ¶§	18–7 7	5	50·3	43·1	46·7	+2·6	58	1	31	25	48·0	53·0	3·38	86	+25	22	7	21	16	0	0	0	0	1	2	1	1·64	-0·69	19
Suffolk.	Bungay (Flix'n)..	9 9 9	79	50·0	40·2	45·1	+2·8	59	3	30	25	-	-	3·58	91	-	23	7	21	14	0	0	0	0	1	7	-	-	-	-
	Copdock	9 9 9	164	50·2	40·2	45·2	+2·7	60	3	29	25	45·8	50·1	4·43	112	-	27	7	22	16	0	0	0	0	2	5	-	1·84	-0·47	21
	Felixstowe ..	18–7 7	15	50·4	43·9	47·1	+3·0	57	1,3	33	24	-	-	2·74	69	+17	22	7	20	12	0	0	1	0	1	3	0	2·16	-0·39	25
	Hartest	9 9 9	250	49·7	38·9	44·3	-	62	3	29	25,26	-	-	3·74	95	-	27	17	22	16	0	0	0	0	2	13	-	1·87	-	21
	Lowestoft ..	9 9 9	82	50·9	42·2	46·5	+2·2	57	1,2,3	30	25,26	47·4	50·7	3·07	78	+18	19	7	20	16	0	0	0	0	1	4	1	2·12	-0·25	25
Cambridge.	Cambridge ¶§ (Bot. Gdns.)	2121 9	41	50·2	39·4	44·8	+2·3	63	3	27	25	45·9	51·1	3·05	77	+28	19	7	21	16	0	0	0	0	5	(8)	0	1·92	-0·18	22
	(Univ. Farm) ..	9 9 9	78	50·4	39·2	44·8	-	62	3	30	25,26	-	-	3·51	89	-	23	7	23	16	0	0	0	0	3	8	0	2·02	-	23
Bedford.	Luton	9 9 9	381	49·7	39·8	44·7	+3·1	61	3	29	24,25	46·2	52·5	4·24	108	-	29	7	23	16	0	0	0	0	5	4	-	1·77	-0·33	20
	Woburn	9 9 9	291	49·4	39·1	44·3	+2·4	61	3	29	24	44·6	49·8	3·48	88	+31	14	7	20	17	0	0	0	0	3	5	-	2·07	-0·03	24
Hertford.	Rickmansworth	9 9 9	192	51·0	32·2	41·6	-	63	3	16	25	44·6	50·2	5·16	131	-	26	7	24	21	0	0	0	0	9	23	0	1·91	-	21S
	Rothamsted ¶§	9 9 9	420	48·5	37·9	43·2	+1·5	59	3	28	26	44·4	-	5·03	128	+63	17	16	23	19	0	0	0	0	4	14	1	2·06	-0·20	23
	St. Albans ..	9 9 9	272	50·0	37·7	43·9	-	61	3	26	25	45·5	-	4·97	123	+62	30	7	20	18	0	0	0	0	3	12	-	-	-	-
Essex.	Clacton-on-S. ¶§	9 9 9	53	50·4	42·9	46·7	+2·8	56	1,3	30	25,26	47·6	51·6	3·51	89	+38	22	7	21	13	0	0	1	0	0	3	-	2·02	-0·38	23
	Chelmsford ..	9 9 9	134	50·9	39·3	45·1	+2·8	63	3	28	25	-	-	4·29	109	+52	22	17	24	18	0	0	0	1	-	-	-	-	-	-
	Chelmsford (Agr. St.)	9 9 9	193	50·9	39·3	45·1	-	62	3	29	25,26	-	-	4·29	109	-	23	17	19	18	0	0	0	0	-	(4)	-	1·85	-	21
	Earls Colne ..	9 9 9	168	50·8	39·4	45·1	-	61	3	28	25	-	-	3·94	100	-	22	7	19	15	0	0	0	0	-	-	-	-	-	-
	Halstead ..	9 9 9	140	50·6	39·1	44·9	+2·4	61	3	27	25	-	-	4·22	107	-	25	7	21	15	0	0	0	0	3	-	-	-	-	-
	Shoeburyness ‡ ..	18–7 7	11	51·0	42·9	46·9	+3·4	60	3	30	25	-	-	3·19	81	+39	15	7	21	15	0	0	0	0	1	5	2	2·09	-0·29	24
4. MIDLAND COUNTIES.																														
Yorks., W. Riding.	Askham Bryan ..	9 9 9	90	48·5	36·7	42·6	-	62	3	28	25	-	-	3·67	93	-	14	17	25	19	0	0	0	0	6	10	0	1·19	-	14
	Bingley	9 9 9	610	46·7	37·4	42·1	-	59	3	30	24	-	-	6·81	173	-	31	20	26	24	0	0	0	1	6	9	-	-	-	-
	Bradford ..	9 9 9	439	47·6	38·7	43·1	+1·7	60	3	30	24	43·5	49·5	6·43	163	+89	27	20	27	24	-	-	-	-	10	14	-	0·78	-0·66	9
	Doncaster ..	9 9 9		-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Giggleswick ..	9 9 9	575	47·2	38·2	42·7	+2·2	58	3	27	24	-	-	4·36	111	-	19	14	21	19	0	0	3	0	1	-	0	1·05	-	12
	Harrogate ¶§	9 9 9	478	47·1	38·2	42·7	+1·3	60	3	30	7	44·5	46·9	5·30	135	+65	22	17	22	20	0	0	1	0	7	11	0	1·21	-0·81	14
	Huddersfield ..	2121 9	325	48·1	38·5	43·3	+2·6	60	3	31	7	43·6	48·8	5·63	143	+74	27	20	25	19	0	0	0	0	5	11	-	1·38	+0·11	16
	,, (Oakes)	9 9 9	761	47·4	37·9	42·7	-	60	3	31	7,13	43·0	46·8	5·82	148	+70	22	20	25	20	0	0	1	0	6	10	1	-	-	-
	Meltham .. **	9 9 9	514	47·3	38·0	42·7	+1·4	59	3	30	24	43·0	44·2	8·31	211	+103	37	30	27	23	0	0	0	0	5	8	-	-	-	-
	Pontefract ..	9 9 9	255	48·1	38·1	43·1	-	61	3	30	7	-	-	4·85	123	+74	24	17	22	18	-	-	-	-	9	11	-	-	-	-
	Sheffield	9 9 9	428	48·4	39·6	44·0	+0·9	60	3	33	7	44·9	48·3	5·81	148	+76	23	17	24	22	-	-	-	-	-	1	-	1·70	0·00	20
	Wakefield	9 9 9	124	49·1	38·2	43·7	+1·4	62	3	31	13	44·4	49·0	4·87	124	+70	18	16	26	20	0	0	0	0	6	15	-	1·03	-0·32	12S
Derby.	Belper (School) ..	9 9 9	222	49·0	37·7	43·3	+2·0	64	3	30	16,24,25	-	-	5·55	141	+70	23	14	22	19	0	0	0	0	-	-	-	-	-	-
	Belper (Q. Bk.) ..	9 9 9	280	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Buxton	9 9 9	1007	45·3	38·0	41·7	+1·6	56	3	31	24	42·7	46·0	7·14	181	+62	36	14	25	24	0	0	0	1	4	10	-	1·08	-0·46	13
Nottingham.	Attenborough ..	18 7 7	88	49·7	37·9	43·8	-	65	3	29	7,24	-	-	3·95	100	-	15	7	21	16	0	0	0	0	5	15	1	-	-	-
	Mansfield ..	9 9 9	357	48·0	38·7	43·3	-	61	3	32	13,24	-	-	5·88	149	-	21	17	20	18	1	0	2	0	6	-	-	-	-	-
	Nottingham ¶§	9 9 9	192	49·5	39·9	44·7	+2·7	63	3	30	25	44·0	48·3	4·08	104	+56	16	7	21	17	-	-	-	-	16	10	-	1·76	+0·27	20
	Sutton Bon'gton	9 9 9	157	49·6	37·8	43·7	-	63	3	29	24	45·0	-	3·95	100	+53	17	7	19	16	1	0	0	0	3	9	-	1·85	-	22
	Worksop ..	9 9 9	56	50·1	37·6	43·9	+1·8	63	3	27	13	44·0	48·5	4·05	103	+53	20	17	21	17	0	0	1	0	-	16	1	2·04	-	24

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

¶§ S *See* Notes on Tables on last page of this issue.

** At Meltham the earth thermometers are at depths of 1 ft. and 2 ft.

‡ New Site from 4th April, 1935.

TABLE III (*continued*).—SUMMARY of the RECORDS of TEMPERATURE, RAINFALL and SUNSHINE, and of WEATHER OBSERVATIONS, NOVEMBER, 1935

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. in.	mm.	Difference from Average. mm.	Most in a day. Amount. mm.	Date.	WEATHER. Number of days. Precip'n. 0·2 mm. or more.	1 mm. or more.	Snow.	Snow lying.	Hail.	Thunderstorm.	Fog (Morn'g Obs.)	Ground Frost.	Gale.	BRIGHT SUNSHINE. Hours per day. Daily Mean.	Difference from Average.	Per Cent.
		G.M.T.	ft.	°F.	°F.	°F.	°F.	°F.		°F.		°F.	°F.																hr.	hr.	%
4. MID. COUNTIES—*cont.*																														
Leicester.	Belvoir Castle ..	2121 9	259	49·1	38·8	43·9	+2·2	62	3	30	24, 25	45·3	51·1	4·27	108	+51	14	17	22	17	-	-	-	-	-	16	-	2·31	*+0·02*	27
North-ampton.	Oundle	9 9 9	147	50·1	38·5	44·3	*+2·7*	63	3	31	26	45·8	50·9	3·07	78	-	12	17	28	15	0	0	0	0	5	12	-	2·05	*-0·03*	23
	Raunds	9 9 9	213	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Roade	9 9 9	394	50·0	37·2	43·6	-	61	3	29	25	43·2	-	3·83	97	-	30	17	14	13	0	0	0	0	1	(8)	-	-	-	-
Warwick.	Birmingham ¶§	18–7 7	535	48·2	39·7	43·9	*+1·0*	60	3	30	24	45·5	49·9	5·80	147	+86	24	17	22	19	0	0	1	0	1	4	0	1·80	+0·05	21
	,, Sparkhill	713 7	425	49·3	38·2	43·7	*+1·7*	62	3	28	24	-	-	5·66	144	+80	22	17	23	18	0	0	0	0	2	12	-	-	-	-
	Coventry	9 9 9	241	49·6	37·4	43·5	+1·1	61	3	25	24	46·2	50·6	4·49	114	+56	18	16	22	18	0	0	0	0	7	12	-	1·53	*-0·13*	17
	Rugby	2121 9	390	49·2	37·0	43·1	-	62	3	26	24	-	-	4·74	120	-	18	17	22	20	0	0	0	0	-	11	-	-	-	-
	Stratford-on-Avon	9 9 9	210	49·9	37·5	43·7	-	62	3	26	24, 25	-	-	4·08	104	-	17	16	24	21	0	0	0	0	2	-	-	2·15	-	25
Oxford.	Oxford .. ¶§	9 9 9	208	50·7	39·7	45·2	+2·1	61	3	30	25	46·2	50·9	4·05	103	+45	16	16	23	17	0	0	0	0	5	5	0	2·18	-0·03	25
Bucks.	Mursley	9 9 9	490	49·2	37·7	43·5	-	61	3	28	25	45·1	-	3·53	90	+30	11	7	21	16	-	-	-	-	-	-	-	2·10	-	24
Stafford.	Mayfield	9 9 9	374	48·0	36·5	42·3	*+2·0*	61	3	28	14, 28	-	-	5·33	135	+58	27	14	22	20	0	0	0	0	-	15	-	1·70	*-0·23*	20
Shropshire.	Newport	9 9 9	211	49·7	38·3	44·3	-	61	3	27	24	-	-	4·37	111	+55	23	14	22	16	0	0	0	0	0	7	-	2·17	-	25
	Shrewsbury ..	9 9 9	184	50·1	38·3	44·2	*+0·9*	60	2, 3	25	24	46·4	50·9	4·49	114	-	23	17	23	17	0	0	1	0	2	12	0	2·08	-	24
Worcester.	Malvern	9 9 9	380	49·0	40·1	44·5	*+1·2*	60	3	34	24	44·9	49·5	6·00	153	+89	28	20	22	17	0	0	0	0	3	7	-	2·04	*-0·45*	23
	Worcester (Perdiswell)	9 9 9	94	50·4	37·1	43·7	-	62	3	26	24	-	-	5·13	130	-	23	14	23	17	0	0	0	0	-	13	-	1·80	-	21
Hereford.	Bromyard ..	9 9 9	393	49·4	36·6	43·0	*+1·5*	61	3	28	24	45·4	50·2	5·84	148	-	29	20	23	18	0	0	0	0	7	10	-	-	-	-
	Hereford ..	9 9 9	292	49·6	37·7	43·7	+1·7	59	2, 3	26	24	-	-	5·95	151	+87	26	20	25	20	0	0	0	0	1	7	0	-	-	-
	Ross-on-Wye ¶§	18–7 7	223	49·5	40·2	44·9	*+1·7*	60	2, 3	27	24	46·1	50·8	5·55	141	+77	27	20	21	17	0	0	0	1	3	10	0	1·97	*-0·24*	22
Gloucester.	Bristol (Horfield)	18–7 7	206	50·1	39·7	44·9	-	60	2	27	25	47·7	51·7	6·31	160	-	28	30	26	19	0	0	2	2	3	8	1	-	-	-
	Cheltenham ..	2121 9	214	49·5	39·0	44·3	*+0·8*	59	2, 3	26	24	46·4	51·5	5·48	139	+77	23	16	24	18	0	0	0	0	5	14	0	2·35	*+0·18*	27
	Cirencester ..	9 9 9	443	48·8	36·7	42·7	*+1·2*	59	3	26	25, 26	-	-	6·51	165	-	26	14	23	19	0	0	1	0	2	18	-	2·33	-	26
	Parkend	9 9 9	325	49·2	36·4	42·8	-	59	3	27	25	45·7	49·7	7·47	190	-	48	14	23	20	0	0	0	0	4	15	-	1·85	-	21
5. ENGLAND, S.E.																														
London.	City, Bunhill Row..	—	—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1·23	+0·39	14
	Camden Square ..	9 9 9	110	51·1	41·6	46·3	+2·6	64	3	31	25	47·3	51·7	3·83	97	+37	17	7	18	16	0	0	0	1	-	11	-	-	-	-
	East Ham ..	9 9 9	15	51·5	41·1	46·3	*+2·9*	64	3	26	26	-	-	3·43	87	+32	17	7	19	18	-	-	-	-	-	-	-	-	-	-
	Enfield	9 9 9	148	50·2	38·8	44·5	*+2·0*	62	3	27	25	-	50·3	3·35	96	+34	17	7	20	17	0	0	0	1	3	3	-	1·43	-	16
	*g*Greenwich ..	2424 9	149	50·9	39·5	45·2	+2·0	63	3	29	25	47·9	51·1	3·63	92	+34	16	7	19	16	0	0	1	1	4	6	0	1·60	-0·06	18
		21–9 –	—	50·7	40·3	45·5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Hampstead ..	9 9 9	450	49·4	39·2	44·3	*+2·1*	62	3	27	25	-	-	4·36	111	-	22	7	22	14	0	0	0	0	-	18	-	1·63	*-0·22*	18
	Kensington ..	18–9 9	80	51·0	41·9	46·5	*+2·4*	64	3	30	25	48·2	52·0	3·97	101	+41	20	7	19	16	0	0	0	0	6	10	0	1·55	-	17
	Kingsway ..	—	—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1·33	-	15
	Regent's Park ..	9 9 9	129	51·7	41·6	46·7	-	64	3	30	25	-	-	3·77	96	-	17	7	18	16	0	0	0	0	6	4	-	1·38	*+0·15*	16
	Kew ¶§	242424	18	50·4	40·6	45·5	+2·0	62	3	29	25	46·4	51·6	4·36	111	+55	26	7	20	15	0	0	0	0	3	8	0	1·68	-0·10	19
	Observatory ..	18–7 –	—	50·2	41·4	45·8	*+1·9*																							
	Stroud Green ..	18 7 7	212	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Tottenham ††¶§	2121 9	51	51·0	42·1	46·5	+2·4	64	3	31	25	-	53·3	3·70	94	+36	15	7	20	17	0	0	0	1	-	3	-	1·39	*-0·19*	16
	Westminster ..	9 9 9	27	52·0	41·7	46·9	*+2·2*	64	3	29	25	-	-	3·58	91	+47	15	7	19	15	0	0	0	0	-	5	-	1·51	+0·37	17
Surrey.	Addington ..	9 9 9	472	49·8	40·7	45·3	+2·8	61	3	31	24, 25	-	-	4·64	118	-	18	12	23	17	0	0	0	0	1	-	-	-	-	-
	Croydon	18–7 7	217	50·6	41·5	46·1	*+2·3*	63	3	29	25	-	-	4·77	121	+52	18	16	22	17	0	0	0	0	2	3	0	1·50	*+0·42*	17
	Wisley	9 9 9	150	50·8	39·3	45·1	*+2·2*	62	3	26	24	47·2	51·6	5·06	129	-	24	7	22	17	0	0	0	0	5	14	1	1·66	*-0·32*	198
Kent.	Biggin Hill ..	18–7 7	567	48·6	41·0	44·8	*+2·7*	60	3	31	24	-	-	5·82	148	+61	21	7	24	18	0	0	2	0	2	6	0	1·84	*-0·24*	21
	Bromley	9 9 9	213	51·0	40·6	45·8	-	64	3	28	25	-	-	3·94	100	+37	18	7	20	16	0	0	0	0	2	6	-	-	-	-
	Canterbury ..	9 9 9	124	52·0	41·0	46·5	*+2·8*	65	3	28	26	49·6	52·0	5·21	132	-	20	7	25	18	-	-	-	-	9	-	-	-	-	-
	Dover	9 9 9	22	52·8	44·6	48·7	*+3·6*	61	3	34	25	48·9	53·7	6·26	159	-	25	13	24	18	0	0	2	0	3	0	1	2·03	*-0·60*	23
	Dungeness ..	18–7 7	20	52·8	42·7	47·7	*+2·4*	63	3	25	25	-	-	5·22	133	+83	26	7	22	20	0	0	0	0	1	-	0	-	-	-
	East Malling ..	9 9 9	132	50·9	39·0	44·9	-	62	3	26	26	-	-	5·15	131	-	24	16	23	17	0	0	1	0	2	12	0	1·71	-	19
	Folkestone ..	9 9 9	101	52·0	43·6	47·8	*+2·3*	60	3	35	24, 25	-	53·4	6·23	158	-	25	7	22	18	0	0	3	0	0	2	-	1·80	-0·71	20
	Goudhurst ..	9 9 9	290	50·9	39·0	44·9	-	60	3	26	25	-	-	7·02	178	-	27	16	23	20	0	0	1	0	1	9	-	-	-	-
	Lympne	18–7 7	346	50·3	41·7	46·0	*+2·9*	60	3	31	25	-	51·6	6·38	162	+81	23	7	24	19	0	0	5	1	2	9	0	2·17	*-0·44*	24
	Manston	18–7 7	142	51·4	41·6	46·5	-	61	2	29	26	-	-	4·30	110	-	22	7	24	18	0	0	2	1	2	5	0	2·25	-	25
	Margate .. ¶§	9 9 9	51	52·1	44·1	48·1	*+2·3*	61	2	35	25	48·5	52·1	4·37	111	+50	21	7	23	19	0	0	1	0	1	0	0	1·92	-0·45	22
	Tunbridge W. ..	9 9 9	355	50·1	38·2	44·1	*+0·8*	62	3	24	25	46·9	51·0	7·14	181	-	31	16	21	18	0	0	2	0	2	15	0	1·70	-0·60	19
	Wye	9 9 9	164	51·2	39·7	45·5	-	62	2, 3	25	26	-	-	6·34	161	-	27	7	23	22	0	0	1	0	-	9	0	1·23	-	14
Sussex.	Ardingly ..	9 9 9	437	49·1	39·2	44·1	*+2·0*	60	3	28	25	-	-	7·85	199	-	27	16	24	20	0	0	1	1	-	7	-	-	-	-
	Beachy Head ..	18–7 7	502	52·4	40·6	46·5	-	61	3, 4	32	24, 25	-	-	6·51	165	-	19	7	22	19	0	0	2	0	0	-	-	-	-	-
	Brighton	9 9 9	32	51·8	43·5	47·7	*+1·9*	61	3	31	25	-	53·5	7·02	178	+97	35	7	21	19	0	0	1	0	1	5	1	1·95	-0·63	22
	Eastbourne ..	2121 9	35	52·3	43·9	48·1	+2·2	61	3	30	25	49·7	53·7	7·06	179	+90	25	7	23	19	0	0	2	0	1	6	-	1·86	-0·80	21
	Hastings ‡ ¶§	2121 9	149	52·1	43·6	47·9	*+2·2*	59	3, 4	32	25	48·7	53·2	6·12	155	+75	22	16	26	20	0	0	1	1	0	3	0	2·06	-0·62	23
Berkshire.	Ascot H'therw'd	2121 9	320	50·1	38·6	44·3	-	61	3	29	24	-	-	4·68	119	-	22	7	23	17	0	0	1	0	2	10	-	2·17	-	24
	Reading	9 9 9	152	51·4	39·4	45·4	*+2·7*	62	3	28	25	46·7	52·1	3·66	93	-	12	16	23	18	0	0	0	0	-	10	1	-	-	-
	Shinfield	9 9 9	200	50·7	37·8	44·3	*+2·0*	62	3	26	25	-	-	3·68	93	-	13	16	22	18	0	0	0	0	-	-	-	-	-	-
	Warfield	9 9 9	220	50·5	37·8	44·1	-	62	3	27	25	46·6	-	4·90	125	-	23	7	19	17	0	0	0	0	9	6	-	1·68	-	19
Hampshire.	Bournemouth ..	9 9 9	139	51·0	40·4	45·7	*+0·7*	59	2, 3	28	25	47·7	50·2	7·61	193	+107	50	16	23	19	0	0	0	0	9	-	-	2·26	*-0·51*	25
	Calshot	18–7 7	8	51·4	42·7	47·1	*+1·6*	59	3, 4	28	25	-	-	6·92	176	+109	26	16	24	21	0	0	2	1	3	5	1	2·01	*-0·60*	23
	Long Sutton ..	9 9 9	479	49·1	38·3	43·7	-	59	3	25	24	47·0	-	6·63	168	-	25	16	20	18	0	0	0	0	2	7	-	1·75	-	20
	Southamp'n ¶§	2121 9	64	51·1	41·1	46·1	+1·6	60	3	30	25	-	-	7·86	200	+120	31	16	24	20	0	0	0	1	8	6	1	1·54	-0·85	17
	S. Farnboro' ..	18–7 7	237	50·0	39·5	44·7	*+2·2*	61	3	24	24	-	-	5·60	142	+75	21	7	20	17	0	0	1	0	4	11	0	1·97	*-0·28*	22

†† Tottenham is used as a "district value" station for England, E., and not for England, S.E.

g Temperature from thermometers on a Glaisher stand. ¶§ § See Notes on Tables on last page of this issue. ‡ New Site from August 1st, 1935.

TABLE III (*continued*).—SUMMARY of the RECORDS of TEMPERATURE, RAINFALL and SUNSHINE, and of WEATHER OBSERVATIONS, NOVEMBER, 1935

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.		Difference from Average.	Most in a day. Amount.	Date.	WEATHER. Number of days. Precip'n. 0·2 mm. or more.	1 mm. or more.	Snow.	Snow lying.	Hail.	Thunderstorm.	Fog (Morn'g Obs.)	Ground Frost.	Gale.	BRIGHT SUNSHINE. Hours per day. Daily Mean.	Difference from Average.	Per Cent.
5. ENGLAND, S.E.—*cont.*		G.M.T.	ft.	°F.	°F.	°F.	°F.	°F.		°F.		°F.	°F.	in.	mm.	mm.	mm.											hr.	hr.	%
I. of Wight.	Newport	9 9 9	48	51·1	39·9	45·5	–	61	3	23	25	–	–	8·74	222	–	36	7	25	19	0	0	4	0	5	11	–	–	–	–
	Ryde	9 9 9	13	51·8	43·0	47·4	*+1·7*	60	3	30	25	–	–	7·59	193	–	29	7	23	18	0	0	0	2	1	–	1	2·02	*-0·47*	23
	Sandown ..	9 9 9	13	51·4	43·8	47·6	*+1·7*	59	1,3	31	25	–	–	8·39	213	–	34	7	26	21	0	0	0	0	0	–	–	2·02	*-0·62*	23
	Totland Bay ..	9 9 9	140	51·3	43·1	47·2	+1·5	60	3	29	25	–	–	6·85	174	+94	32	16	22	20	0	0	1	1	4	3	5	2·11	*-0·61*	23
	Ventnor (Hospital)	9 9 9	59	52·3	44·9	48·6	+1·6	60	3	33	24	–	–	8·55	217	+135	44	7	21	17	0	0	6	1	–	–	1	2·06	-0·71	23
Wilts.	Amesbury (Boscombe Down)	18–7 7	417	49·0	38·4	43·7	–	59	3	27	24,25	–	–	6·55	166	–	20	30	24	19	0	0	1	1	5	6	1	2·18	–	25
	Larkhill	9 9 9	440	49·4	37·7	43·5	*+1·4*	59	3	26	24	–	–	6·22	158	+94	27	9	22	16	0	0	0	1	3	13	1	–	–	–
	Marlboro' ¶§	9 9 9	424	49·4	36·8	43·1	+1·6	60	3	26	25	46·1	51·2	6·33	161	+82	29	9	23	19	0	0	0	0	2	10	0	1·51	-0·39	17
	Porton	9 9 9	363	49·4	37·0	43·2	*+1·5*	59	3	26	25	45·5	–	6·48	165	+98	25	16	22	19	0	0	0	1	2	13	0	2·21	–	25
7a. ENGLAND, N.W.																														
Cumberland.	Keswick	9 9 9	254	48·7	39·2	43·9	*+1·4*	62	3	23	24	44·8	49·7	5·09	129	-15	19	30	23	19	2	0	1	0	0	4	0	0·99	*-0·59*	12
	Newton Rigg ¶§	2121 9	560	46·9	36·5	41·7	+1·4	58	3	24	24	–	–	3·75	95	+ 6	12	30	25	20	0	0	0	0	1	13	0	1·08	-0·87	13
Westmorland.	Ambleside ..	9 9 9	145	47·9	38·2	43·1	–	62	3	28	24	–	–	6·79	173	–	40	30	27	24	0	0	2	0	0	–	–	0·73	–	9
	Appleby	9 9 9	440	47·4	35·9	41·7	*+2·1*	60	3	22	24,25	–	–	3·01	77	- 7	17	30	22	16	0	0	0	0	–	–	–	–	–	–
Lancashire.	Bolton	9 9 9	342	48·2	39·9	44·1	+2·0	62	3	30	24	45·0	48·1	4·88	124	+20	24	14	23	19	0	0	1	0	–	5	–	0·96	-0·06	11S
	Burnley	9 9 9	458	47·7	39·4	43·5	*+2·6*	59	3	26	24	44·4	48·4	5·01	127	–	24	14	25	22	0	0	1	0	0	5	–	0·76	*-0·46*	9S
	Darwen	2121 9	724	46·1	38·1	42·1	*+1·3*	61	3	30	24	43·7	47·7	6·06	154	+29	27	14	27	23	1	0	1	0	5	5	–	1·11	*-0·34*	13S
	Hutton	9 9 9	82	49·2	39·6	44·4	*+2·4*	63	3	24	24	44·9	49·3	3·62	92	–	14	14	25	19	0	0	1	0	0	6	0	1·50	*-0·08*	18
	Lancaster ..	9 9 9	312	49·0	39·3	44·1	*+1·2*	61	4	31	24,25	41·0	46·4	4·25	108	+ 7	13	14	21	21	0	0	1	1	1	3	1	1·80	*-0·30*	21
	Leyland	9 9 9	125	49·5	39·2	44·3	*+2·3*	62	3	22	24	–	–	4·03	102	+15	19	14	24	20	0	0	0	0	1	7	–	1·69	*-0·09*	20
	Manchester (Barton) ..	18–7 7	70	49·6	40·0	44·8	–	64	3	25	24	–	–	4·83	123	–	22	14	22	18	0	0	1	0	1	8	1	1·52	–	18
	(Oldham Road)	2121 9	191	48·8	42·2	45·5	+1·8	63	3	32	24	45·6	50·3	4·58	116	+41	31	14	23	19	0	–	0	0	–	2	–	0·64	*+0·01*	7S
	(Whitworth Pk.)	2121 9	125	49·8	41·2	45·5	+2·4	63	3	30	24	–	–	4·56	116	+49	28	14	22	17	–	–	–	–	5	–	–	1·31	*+0·40*	15
	Southport (Bedford Rd.Pk.) ¶§	9 9 9	35	50·0	39·8	44·9	+1·9	63	3	26	24	43·9	48·6	3·50	89	+ 9	17	17	21	15	0	0	2	1	2	3	2	1·96	+0·05	23
	Stonyhurst ¶§	9 9 9	377	47·4	39·2	43·3	+1·4	60	3	29	24	–	–	4·81	122	+ 7	17	14	24	18	0	0	0	0	1	4	0	1·37	-0·33	16S
Cheshire.	Bidston Obs'y. ..	2121 9	198	48·3	40·6	44·5	+0·8	60	3	34	13,24	–	–	3·36	85	+21	14	17	20	16	0	0	0	0	3	2	1	1·84	*-0·26*	21
	Hoylake	9 9 9	23	50·0	39·8	44·9	+0·7	59	2,3	26	24	–	–	3·48	88	+18	24	17	20	17	0	0	0	0	–	7	–	1·99	-0·03	23
	Macclesfield ..	9 9 9	500	48·1	39·2	43·7	*+2·7*	61	3	28	24	–	–	4·71	120	+45	25	14	20	19	0	0	1	1	4	–	–	–	–	–
	West Kirby ..	9 9 9	25	49·3	39·7	44·5	–	61	3	27	24	–	–	3·29	84	+16	27	17	19	15	0	0	3	1	0	6	–	2·07	–	24
7b. NORTH WALES.																														
Flint.	Hawarden B'dge	9 9 9	17	50·6	38·7	44·7	+0·6	62	2	28	24	–	–	4·06	103	–	27	17	24	15	0	0	0	1	1	–	–	–	–	–
	Rhyl	9 9 9	31	50·9	39·6	45·3	*+0·4*	61	3	27	24	–	–	2·51	64	+ 1	19	17	21	13	0	0	0	0	1	4	0	2·31	*+0·12*	27
	Sealand .. ¶§	18–7 7	16	50·0	39·0	44·5	*+1·8*	61	2,3	26	24	46·1	50·4	3·57	91	+30	25	17	21	15	0	0	0	0	0	12	0	1·63	*-0·28*	19
Anglesey.	Holyhead ¶§	18–7 7	26	50·7	44·2	47·5	*+0·8*	62	3	35	24	–	–	6·02	153	+48	19	15	25	20	0	0	6	0	0	2	3	2·83	*+0·73*	33
Denbigh.	Colwyn Bay ..	9 9 9	118	51·0	40·4	45·7	*0·0*	61	3	31	24	–	–	3·24	82	+ 1	21	17	21	16	0	0	0	0	1	–	–	2·23	*+0·13*	26
Carnarvon.	Aber	9 9 9	60	50·8	41·6	46·2	–	62	3	30	24	–	–	5·30	135	–	19	17	26	20	0	0	0	0	–	10	0	1·64	–	19S
	Llandudno ..	9 9 9	13	51·0	41·7	46·3	*+0·2*	61	3	29	24	–	–	3·43	87	+14	17	17	26	16	0	0	0	0	0	2	0	2·47	+0·40	29
Montgomery.	Welshpool ..	9 9 9	254	50·1	37·4	43·7	*+1·6*	60	3	23	24	–	–	3·66	93	+19	18	20	26	14	0	0	0	0	1	–	–	–	–	–
8a. SOUTH WALES.																														
Cardigan.	Aberystwyth ..	9 9 9	12	50·0	41·4	45·7	*-0·2*	58	3	29	24	–	–	4·25	108	–	17	14	24	22	0	0	3	0	0	–	–	2·54	*+0·24*	29
	,, P.B.S. †	9 9 9	452	48·7	40·6	44·7	–	62	3	30	24	–	–	4·94	125	–	19	14	26	20	0	0	1	0	1	3	1	2·34	–	27
Pembroke.	Haverfordwest ..	2121 9	250	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	St. Ann's Hd. ¶§	18–7 7	142	51·2	44·4	47·8	*+0·5*	59	3	34	24	–	–	4·86	123	+26	12	14	22	17	0	0	6	0	0	–	5	2·28	+0·04	26
Radnor.	Rhayader ¶§	9 9 9	757	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Brecknock.	Cantref	9 9 9	1080	44·8	35·5	40·1	–	54	2,3	28	24	–	–	9·82	249	–	36	14	25	25	2	0	0	1	1	–	–	1·45	–	16
Glamorgan.	Cardiff	2121 9	202	50·0	40·1	45·1	*+1·6*	59	3	32	24,25	47·6	51·7	6·34	161	+58	25	14	22	19	0	0	0	1	3	5	0	1·82	*-0·43*	21
	Swansea	9 9 9	32	51·5	42·3	46·9	*+0·9*	58	3	32	25	47·1	53·8	7·80	198	–	23	14	23	21	0	0	3	0	2	8	–	1·86	*-0·17*	21
8b. ENGLAND, S.W.																														
Monmouth.	Newport	9 9 9	265	49·6	39·3	44·5	*+0·7*	60	3	29	24,25	47·1	51·5	7·09	180	–	30	14	22	20	–	–	–	–	1	–	–	1·80	–	20
	Usk	9 9 9	70	49·9	36·3	43·1	–	60	3	25	24,25	46·8	–	6·30	160	–	32	14	20	19	0	0	0	0	3	–	1	1·57	–	18
Somerset.	Bath .. ¶§	9 9 9	67	51·1	38·3	44·7	*+1·0*	60	2,3	26	25	48·2	52·9	6·70	170	+98	31	14	24	18	0	0	3	0	4	–	0	2·26	*+0·10*	26
	Cannington ..	9 9 9	95	51·8	38·5	45·1	–	61	2	25	25	–	–	5·80	147	–	32	16	24	19	0	0	0	0	1	17	1	2·27	–	26
	Long Ashton ..	9 9 9	162	50·8	38·3	44·5	*+0·9*	60	2,3	27	24,25	–	–	6·19	157	+76	29	14	25	18	0	0	3	1	2	18	0	1·79	*-0·37*	20
Dorset.	Holton Heath ..	9 9 9	64	51·4	38·3	44·9	*+0·6*	60	3	24	25	46·6	51·7	9·21	234	–	58	16	23	22	0	0	1	0	0	10	1	2·07	*-0·33*	23
	Portland Bill ..	18–7 7	32	51·8	45·6	48·7	*+0·4*	59	3	35	24,25	–	–	7·21	183	+112	41	16	23	18	0	0	3	1	0	–	0	–	–	–
	Shaftesbury ..	9 9 9	722	48·1	39·6	43·9	+1·4	57	4	30	24,25	–	–	6·36	162	+80	38	16	20	18	0	0	0	0	–	–	–	–	–	–
Devon.	Arlington ..	9 9 9	613	49·8	37·5	43·7	+0·1	58	3	26	25	–	–	7·10	180	+34	27	14	23	21	0	0	4	0	–	5	–	–	–	–
	Cullompton ¶§	9 9 9	202	51·0	36·4	43·7	+0·1	60	2,3	22	25	46·1	–	5·85	149	+62	34	14	27	19	0	0	0	0	2	23	–	2·19	-0·19	25
	Ilfracombe ..	9 9 9	25	51·4	43·2	47·3	*-0·8*	62	3	33	25	47·1	52·9	5·84	148	+52	27	14	22	20	0	0	1	0	0	1	–	2·43	*+0·52*	27

† Plant Breeding Station. ¶§ § *See* Notes on Tables on last page of this issue.

TABLE III (*continued*).—SUMMARY of the RECORDS of TEMPERATURE, RAINFALL and SUNSHINE, and of WEATHER OBSERVATIONS, NOVEMBER, 1935

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.		Difference from Average.	Most in a day. Amount.	Date.	WEATHER. Number of days. Precip'n. 0·2 mm. or more.	1 mm. or more.	Snow.	Snow lying.	Hail.	Thunderstorm.	Fog (Morn'g Obs.)	Ground Frost.	Gale.	BRIGHT SUNSHINE. Hours per day. Daily Mean.	Difference from Average.	Per Cent.
8b. ENGLAND, S.W.—*cont.*	G.M.T.	ft.	°F.	°F.	°F.	°F.	°F.		°F.		°F.	°F.	in.	mm.	mm.	mm.												hr.	hr.	%
Devon.—*cont.* Killerton ..	9 9 9	159	51·5	37·5	44·5	+0·6	60	3	23	25	–	–	6·02	153	–	28	14	24	17	–	–	–	–	1	20	–	–	–	–
Newton Abbot ..	9 9 9	375	50·8	39·3	45·1	–	58	2,3	30	25	–	–	6·21	158	+66	37	14	22	17	0	0	0	0	0	11	–	2·43	–	–
Paignton ..	9 9 9	12	51·9	39·4	45·7	–0·6	59	2,3	26	25	–	–	7·00	178	–	31	14	23	19	0	0	2	0	1	13	–	2·55	+0·01	28
Plymouth (Hoe)	2121 9	117	52·0	42·3	47·1	+0·6	59	3	28	25	47·1	51·5	8·05	205	+112	48	14	23	20	0	0	2	0	6	1	3	2·68	+0·11	30
Plymouth (Mount Batten) ..	18–7 7	82	51·5	43·7	47·6	+0·5	60	3	29	25	–	–	6·75	172	–	43	14	22	19	0	0	5	0	0	2	5	2·70	+0·15	30
Princetown ..	9 9 9	1430	46·3	36·1	41·2	–0·3	55	3	28	25,26	–	–	10·92	277	+53	56	14	25	25	0	0	2	0	7	8	–	–	–	–
Salcombe ..	9 9 9	39	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Sidmouth ..	9 9 9	25	52·5	40·0	46·3	+0·9	59	3	29	25	–	–	5·41	137	–	33	16	23	17	0	0	0	0	0	(4)	–	2·76	–	31
Tavistock ..	9 9 9	457	50·3	38·9	44·6	+0·3	60	3	24	25	–	50·1	7·19	183	+55	25	30	24	21	0	0	1	1	0	13	1	–	–	–
Teignmouth ..	9 9 9	20	52·2	41·1	46·7	0·0	59	2,3	29	25	–	–	5·79	147	+66	25	14	20	17	0	0	0	0	0	(3)	–	2·57	–0·01	29
Torquay	9 9 9	27	52·5	40·2	46·3	–1·0	59	2,3	29	25	–	52·2	6·31	160	+72	28	14	22	18	0	0	2	0	1	7	0	2·76	+0·06	31
Woolacombe ..	9 9 9	60	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cornwall. Falmouth Obs. ¶§	9 9 9	167	52·0	42·6	47·3	0·0	58	2,3	34	25	46·0	52·6	6·52	166	+44	25	30	24	22	0	0	1	0	0	3	–	3·23	+0·61	36
Fowey	9 9 9	51	52·8	41·7	47·3	+0·4	59	3	28	25	–	–	6·16	157	–	32	14	24	23	0	0	1	0	0	–	–	2·76	+0·23	31
Gulval	9 9 9	20	52·9	40·6	46·7	–	58	2,3	29	25	–	–	7·00	178	–	26	30	23	23	0	0	3	0	–	5	–	3·49	–	39
The Lizard ..	18–7 7	240	51·8	45·1	48·5	–	58	3	36	25	–	–	5·69	145	–	24	30	24	21	0	0	3	0	0	–	5	–	–	–
Newquay ..	9 9 9	190	51·4	41·5	46·5	–0·8	59	3	28	25	47·8	52·4	5·51	140	+48	21	14	24	22	0	0	1	0	0	–	0	3·09	+0·55	34
Redruth	9 9 9	397	52·0	40·8	46·4	+0·6	57	3	30	25	–	–	6·98	177	+53	28	14	24	23	0	0	3	0	0	11	2	–	–	–
9. IRELAND, N.																													
Sligo. Markree Cas. ¶§	2121 9	122	48·1	35·5	41·8	–1·2	57	3,4,28	24	25	45·6	49·8	4·68	119	+13	31	11	23	18	0	0	0	1	0	–	0	1·97	+0·16	23
Mayo. Blacksod Pt. ¶	18–7 7	18	48·7	41·3	45·0	–	57	4	34	13,24	–	–	5·58	142	+10	15	30	23	22	0	0	8	0	0	–	3	–	–	–
Mallaranny §	9 9 9	113	49·1	39·8	44·5	–0·8	58	2	33	24	–	–	8·23	209	–	24	27	23	20	–	–	–	–	0	–	–	1·75	–0·04	20
Donegal. Malin Head ¶§	18–7 7	84	47·7	39·1	43·4	–1·6	57	3	32	17	–	–	3·73	95	+12	21	9	21	14	0	0	5	1	0	–	0	1·77	+0·03	218
Antrim. Aldergrove ..	18–7 7	238	46·6	37·7	42·1	–	57	3	27	17	–	–	3·85	98	+16	20	11	21	17	0	0	1	0	0	7	0	2·38	–	28
Down. Donaghadee ..	7 7 7	40	49·4	37·1	43·3	–1·6	58	3	32	16	–	–	4·62	117	+40	19	1	26	19	0	0	0	1	0	–	0	–	–	–
Hillsborough ..	9 9 9	388	46·8	36·4	41·6	–	55	3	29	17	45·3	–	3·81	97	–	20	11	21	17	0	0	0	0	1	13	0	2·69	–	32
Armagh. Armagh .. ¶§	2121 9	204	47·4	36·8	42·1	–0·8	59	3	25	17	43·5	48·0	3·88	99	+27	25	11	19	16	0	0	0	0	2	8	0	2·71	+0·65	32
Longford. Newtownforbes ..	2121 9	154	47·8	34·7	41·3	–1·4	57	3	27	25	42·9	48·7	4·28	109	+18	42	11	16	14	0	0	0	0	–	–	–	–	–	–
10. IRELAND, S.																													
Dublin. Balbriggan	9 9 9	203	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Dublin City .. ¶	2121 9	54	49·1	40·2	44·7	–0·2	58	3	30	17	–	–	3·46	88	+20	21	20	16	13	0	0	0	0	2	7	0	–	–	–
,, Glasnevin ..	2121 9	55	49·8	35·8	42·8	–1·2	57	2,3	26	17,19	–	–	3·36	85	+16	22	20	18	13	0	0	0	1	3	15	0	–	–	–
,, Phœnix Pk. §	2121 9	155	49·2	36·2	42·7	–0·6	57	3	24	17	–	–	3·56	91	+19	25	20	16	15	1	0	0	1	1	16	–	3·47	+1·14	40
,, Trin. Coll. ..	2121 9	13	50·6	40·2	45·4	+0·2	59	3	29	17	44·5	48·7	3·36	85	+19	23	20	15	13	0	0	0	0	–	9	0	–	–	–
Hazelhatch .. .. (Peamount San.)	9 9 9	366	49·7	35·5	42·6	–	58	3,27	25	17	42·6	48·0	4·06	103	–	23	20	16	14	–	–	–	–	0	–	–	3·32	–	39
Rathfarnham ..	9 9 9	169	49·4	38·5	43·9	–	57	3	27	17	45·4	–	5·16	131	–	31	20	22	16	0	0	0	2	0	12	–	2·94	–	34
Wicklow. Newcastle ..	2121 9	256	49·2	38·5	43·9	–0·6	55	3	32	13,17	–	–	5·07	129	–	19	20	18	15	0	0	0	0	0	–	–	–	–	–
Offaly. Birr Castle ¶§	18–7 7	173	47·6	36·7	42·1	–1·2	57	3	25	17,24	45·3	49·9	4·03	102	+23	19	11	21	17	0	0	0	0	0	20	0	2·45	+0·43	28
Leix. Mountmellick ..	9 9 9	245	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Waterford. Seskin, Carrick-on-Suir	2121 9	535	46·3	37·2	41·7	–1·7	54	3	30	25	–	–	5·06	129	–	20	1	27	15	0	0	2	2	0	13	2	3·08	+0·71	35
Waterford ¶	9 9 9	137	49·7	37·8	43·7	–1·0	57	3	25	25	–	–	4·90	124	+30	25	1	22	15	0	0	1	1	3	–	2	–	–	–
Limerick. Foynes	9 9 9	43	49·1	37·2	43·1	–1·8	56	2	24	25	–	–	5·73	145	+41	26	11	26	21	–	–	–	–	–	–	–	–	–	–
Kerry. Valentia Obs. ¶§	242424	30	50·0	42·4	46·2	–0·7	56	3	33	25	46·2	50·4	8·30	211	+72	22	11	25	24	0	0	9	0	0	3	5	1·99	–0·13	238
	18–7 –	—	50·3	42·3	46·3	–1·0																							
Cork. Ballinacurra §	9 9 9	24	50·4	36·6	43·5	–1·4	56	2,3,4	25	25	–	–	4·33	110	+ 8	20	11	25	16	0	0	0	1	–	–	–	2·48	+0·31	28
Cork	9 9 9	57	50·1	36·2	43·1	–	55	2,3,4	24	25	–	–	4·56	116	+14	20	11	25	18	0	0	0	0	8	20	–	2·52	–	29
Roche's Pt. ¶	18–7 7	22	50·1	42·7	46·4	–0·6	56	4	33	25	–	–	4·15	105	– 2	17	11	27	21	0	0	1	1	0	–	4	–	–	–
11. CHANNEL ISLES AND SCILLY.																													
Scilly. St. Mary's ¶§	18–7 7	163	52·1	45·4	48·7	–0·4	57	2	37	25	–	–	4·76	121	+38	12	14	24	21	0	0	4	0	0	–	2	3·71	+1·14	41
Guernsey. St. Peter Port ¶§	18–7 7	175	52·7	45·9	49·3	+0·4	61	3	35	26	48·7	53·5	7·93	201	+94	49	7	25	22	0	0	3	0	0	4	3	2·56	+0·18	28
Jersey. St. Heliers ¶§	9 9 9	28	53·3	46·5	49·9	+1·4	62	3	38	26	–	–	6·06	154	+50	23	30	23	20	0	0	0	0	1	–	–	3·38	+0·75	37
GIBRALTAR	18–7 7	102	65·2	54·4	59·8	–0·5	73	2	48	20	–	–	4·30	109	–53	24	24	15	13	0	0	0	0	0	0	0	–	–	–
MALTA	18–7 7	231	68·7	61·1	64·9	+0·6	75	9,10	54	13	–	–	4·38	111	+30	51	12	11	9	0	0	0	1	0	–	0	5·88	–	58

¶§ S *See* Notes on Tables on last page of this issue.

TABLE III (*a*).—RIVER TEMPERATURE

Place.	River.	Hour.	Highest.	Lowest.	Mean.	Difference from Average.
			°F.	°F.	°F.	°F.
Belper	Derwent	9	–	–	–	–
Attenborough	Trent	7	52·0	42·0	47·2	–
	,,	18	52·5	42·4	47·5	–

TABLE III (*b*).—SKY OBSERVATIONS, NOVEMBER, 1935

WEATHER DIARY, ROYAL OBSERVATORY, GREENWICH	Number	NIGHT SKY RECORDER.**	GREENWICH.	PORTON.
Persistently overcast days	1	Recorder in operation on	30 nights	30 nights
,, cloudless ,,	0	Average exposure (hours)	13·07	12·00
,, foggy ,,	0	Polaris unobscured (per cent.)	44	45
		δ Ursæ Minoris (ditto)	38	33

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

TABLE III (*c*).—SOLAR RADIATION.

DIRECT SOLAR RADIATION, KEW OBSERVATORY.	Cal./cm.²/diem.
Max.	156
Mean	51

TABLE IV.—SUMMARY of the OBSERVATIONS of PRESSURE, TEMPERATURE, HUMIDITY, CLOUD, VISIBILITY and WIND at fixed hours at certain Stations during the month of NOVEMBER, 1935.

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.							
															Fog.				Mist.	Poor Vis.	Mod. Vis.	Good Visibility.												
										0	1 to 3	4 to 6	7 to 9	10	0	1	2	3	4	5	6	7	8	9	8 or more.	4 to 7	1 to 3	Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
0. SCOTLAND, N.	G.M.T.	ft.	mb.	mb.	°F.	°F.	mb.	%																										
Shetlands. Lerwick	1	160	1002·3	-	45·1	1·5	8·9	88	7·1	0	4	8	10	8	0	0	0	0	0	1	5	8	15	1	2	22	6	0	0	0	1	8	9	6	6	0
	7	160	1001·8	-4·9	45·2	1·7	8·8	86	7·7	0	1	9	15	5	0	0	0	0	0	0	4	13	13	0	0	25	5	0	1	0	2	7	10	7	3	0
	13	160	1001·8	-	45·8	1·9	9·0	85	7·9	0	2	7	11	10	0	0	0	0	0	0	5	13	12	0	1	22	7	0	0	0	3	7	12	4	2	2
	18	160	1001·4	-	45·0	1·3	9·1	89	8·0	0	1	7	9	13	0	0	0	0	1	1	5	11	12	0	2	21	7	0	0	0	1	8	11	6	2	2
Orkneys. Deerness	9	165	1001·0	-	45·2	2·0	8·5	84	6·6	0	3	11	13	3	0	0	0	0	0	0	6	6	18	0	-	-	-	-	-	-	-	-	-	-	-	-
	21	165	1000·5	-	44·7	2·0	8·5	84	6·2	1	6	9	8	6	0	0	0	0	0	0	0	3	27	0	-	-	-	-	-	-	-	-	-	-	-	-
Hebrides. Stornoway ..	1	83	998·7	-	44·7	2·1	8·4	83	6·8	1	4	7	11	7	0	0	0	0	0	0	2	21	7	0	0	8	22	0	1	2	2	4	8	7	4	2
	7	83	998·2	-9·1	45·0	2·4	8·2	81	7·7	0	2	7	12	9	0	0	0	0	0	0	3	15	10	2	0	10	20	0	2	2	0	8	8	5	3	2
	13	83	998·2	-	46·5	2·9	8·6	78	7·8	0	2	4	19	5	0	0	0	0	0	0	2	7	19	2	0	10	20	0	0	2	1	10	9	5	1	2
	18	83	998·3	-	44·7	2·1	8·4	83	7·9	0	2	3	17	8	0	0	0	0	0	0	4	17	9	0	0	10	19	1	0	2	2	6	7	8	2	2
Caithness. Wick	1	79	1000·6	-	44·4	1·6	8·5	87	7·5	0	5	4	11	10	0	0	0	0	0	0	2	9	19	0	2	15	13	0	0	0	1	7	8	9	4	1
	7	79	1000·4	-7·2	43·9	1·5	8·6	87	7·6	0	2	7	15	6	0	0	0	0	0	0	2	4	24	0	1	16	13	0	0	0	1	7	9	10	3	0
	13	79	1000·3	-	45·9	2·0	8·9	84	8·3	0	1	3	18	8	0	0	0	0	0	0	3	15	12	0	0	1	3	9	8	5	2	2				
	18	79	1000·1	-	44·7	1·5	8·9	88	7·9	0	4	2	14	10	0	0	0	0	0	0	1	10	19	0	0	17	12	0	0	1	2	8	8	7	3	1
Inverness. Dalwhinnie † ..	7	1180	957·9	-	36·9	1·2	6·6	89	8·4	1	3	1	7	18	0	0	0	1	0	0	5	21	3	0	0	21	13	0	0	0	0	1	2	10	7	0
	13	1180	957·9	-	40·2	1·8	7·0	84	9·0	0	0	4	5	21	0	0	0	0	0	2	2	20	6	0	0	3	20	7	1	1	1	2	10	7	0	1
	18	1180	958·6	-	38·5	1·3	7·1	88	8·8	0	2	3	5	20	0	0	0	0	0	7	1	20	2	0	0	8	22	0	2	1	1	4	11	10	0	1
Inverness. Inverness	9	250	999·9	-	40·8	1·5	7·6	87	5·3	2	4	13	9	2	0	1	1	0	1	2	3	2	16	4	0	3	3	6	7	6	0	0	3	0	0	0
	17	250	1000·4	-	41·5	1·6	7·5	86	5·9	0	6	11	9	4	0	0	1	3	0	0	5	5	13	3	0	9	15	6	1	1	2	10	6	3	1	0
1. SCOTLAND, E.																																		
Aberdeen. Aberdeen H	7	85	1001·7	-7·9	42·4	1·7	7·8	85	7·6	0	5	2	14	9	0	0	0	0	2	2	10	9	7	0	0	8	18	4	0	0	3	5	4	8	2	4
	13	85	1001·3	-8·4	46·2	2·4	8·7	81	6·7	0	7	5	10	8	0	0	0	0	1	4	12	10	3	0	0	12	17	1	0	1	4	6	6	5	6	1
	18	85	1001·7	-8·2	44·0	2·0	8·2	84	6·1	2	8	3	11	6	0	0	0	1	1	2	17	8	1	0	0	7	22	1	0	0	4	6	5	9	2	3
	21	85	1001·8	-8·1	43·2	2·0	7·9	84	5·3	6	5	5	7	7	0	0	0	1	1	6	13	7	2	0	0	7	22	1	0	0	2	7	5	9	3	3
	h.*	85	1001·7	-8·1	43·6	2·0	8·2	84																										
Aberdeen. Braemar‡	9	1108	1002·1	-	37·8	1·5	6·7	86	8·8	1	1	2	4	22	0	0	0	1	0	0	9	19	1	0	0	2	22	6	0	0	5	0	6	11	2	0
Perth. Crieff	9	482	1001·4	-	40·5	1·4	7·7	87	8·7	1	0	2	13	14	-	-	-	-	-	-	-	-	-	-	0	11	19	0	1	0	13	1	6	3	5	1
	21	482	1001·2	-	40·5	1·5	7·6	87	8·1	1	2	5	3	19	-	-	-	-	-	-	-	-	-	-	1	5	24	0	1	0	10	2	6	3	7	1
Fife. Inchkeith	1	184	1002·3	-	43·6	1·0	9·0	92	6·6	0	9	5	6	10	0	0	0	0	0	0	4	8	18	0	0	7	23	0	0	3	3	4	8	11	0	1
	7	184	1001·5	-	43·1	1·0	8·6	91	8·6	0	2	2	12	14	0	0	1	1	1	0	1	7	19	0	0	8	22	0	1	4	4	6	4	10	0	1
	13	184	1001·6	-	45·4	1·4	9·0	89	7·7	0	0	6	21	3	0	0	0	0	1	2	2	11	13	1	0	11	19	0	0	1	10	3	2	11	2	1
	18	184	1001·6	-	44·9	1·0	9·4	92	6·8	0	5	9	5	11	0	0	0	0	0	0	3	12	15	0	0	6	24	0	0	1	6	4	5	11	1	2
Fife. Leuchars H	7	36	1001·6	-	40·3	0·9	8·0	93	7·5	1	5	1	14	9	0	1	0	1	0	2	9	14	3	0	0	4	17	9	1	1	4	4	3	7	1	0
	13	36	1001·4	-	45·8	2·0	8·9	84	7·4	0	4	4	14	8	0	0	0	0	1	3	6	13	6	1	0	9	15	6	2	1	6	4	2	7	1	1
	18	36	1001·6	-	42·2	1·1	8·5	91	6·3	0	9	5	8	8	0	0	0	0	1	1	11	14	3	0	0	4	18	8	0	1	5	2	3	9	0	2
Mid Lothian. Edinburgh .. (Blackford Hill)	9	441	1001·8	-	41·1	1·7	7·5	85	7·3	1	5	1	13	10	0	0	3	2	2	7	15	1	0	0	0	6	21	3	3	0	2	8	3	7	3	1
	21	441	1001·9	-	41·5	1·7	7·5	85	6·3	5	3	6	6	10	0	0	1	1	1	10	15	1	1	0	0	6	17	7	0	1	2	4	8	5	3	0
6a. SCOTLAND, W.																																		
Argyll. Tiree	7	40	998·7	-	44·8	2·2	8·4	83	7·1	0	3	5	18	4	0	0	0	0	0	0	5	18	5	2	0	18	12	0	1	2	5	8	4	4	5	1
	13	40	999·0	-	46·9	3·0	8·5	77	8·6	0	1	2	21	6	0	0	0	0	0	0	6	8	12	4	0	22	8	0	3	1	2	6	9	6	3	0
	18	40	999·1	-	45·4	2·6	8·0	79	7·8	0	2	6	15	7	0	0	0	0	0	0	9	9	9	3	0	19	10	1	2	1	6	4	5	5	4	2
Bute. Rothesay	9	187	1000·4	-	43·3	1·1	8·5	91	7·2	0	2	6	20	2	0	0	1	1	0	1	12	7	8	0	1	20	8	1	1	1	11	6	1	4	2	3
	21	187	1000·2	-	44·0	1·3	8·7	89	7·0	0	2	8	17	3	0	0	1	1	0	2	8	16	2	0	1	15	10	4	1	0	7	4	6	3	3	2
Renfrew. Renfrew .. .. (Abbotsinch)	7	24	1001·2	-	40·3	1·1	7·4	90	7·7	2	2	3	11	12	0	2	1	1	5	6	11	3	1	0	0	8	18	4	1	3	8	3	2	6	3	0
	13	24	1001·3	-	45·3	2·5	8·1	80	8·0	0	3	4	14	9	0	0	0	5	3	5	4	5	8	0	0	10	19	1	2	5	6	1	3	8	3	1
	18	24	1001·1	-	43·0	1·4	8·3	88	8·0	1	0	5	12	12	0	0	1	2	6	6	11	2	2	0	0	4	22	4	1	2	8	3	2	6	4	0
Dumfries. Eskdalemuir‡‡ H	7	778	1002·0	-	38·5	0·9	7·2	92	8·3	0	4	0	11	15	0	1	0	0	0	1	11	8	9	0	0	8	18	4	8	3	2	2	5	5	2	1
	13	778	1001·7	-	43·2	2·0	7·9	84	7·7	0	2	6	16	6	0	0	0	0	0	0	6	17	7	0	0	12	18	0	3	4	3	4	6	7	2	1
	18	778	1002·0	-	39·7	1·0	7·5	91	6·9	1	3	9	11	6	0	0	0	0	0	1	8	14	7	0	0	10	16	4	3	4	1	2	6	7	1	2
	21	778	1002·5	-	38·5	1·0	7·2	90	7·5	1	2	5	11	11	0	0	0	0	1	1	7	18	3	0	0	8	15	7	4	4	1	2	3	5	2	2
	h.*	778	1002·1	-	39·6	1·1	7·4	90																										
6b. ISLE OF MAN.																																		
Isle of Man. Douglas .. H	9	286	1002·1	-10·2	45·3	2·1	8·5	83	7·2	0	2	6	20	2	0	0	0	0	1	1	0	2	26	0	1	11	18	0	2	2	5	5	2	6	7	1
Point of Ayre	7	31	1001·4	-	45·9	1·6	9·2	87	7·5	0	6	2	12	10	0	0	0	0	0	0	4	8	18	0	0	22	8	0	2	2	4	6	8	3	4	1
	13	31	1002·1	-	48·4	2·7	9·1	79	7·0	0	5	6	13	6	0	0	0	0	0	0	2	3	25	0	0	22	8	0	1	3	3	4	4	10	3	2
	18	31	1001·5	-	46·0	2·2	8·7	83	6·8	0	7	5	8	10	0	0	0	0	0	0	3	4	23	0	0	19	11	0	1	2	4	3	3	9	6	2
2. ENGLAND, N.E.																																		
Northumberland. Cockle Park ..	9	331	1002·4	-	41·9	0·9	8·4	92	9·0	0	2	2	2	24	0	2	0	0	2	1	7	4	12	2	0	4	25	1	1	0	3	5	7	2	4	7
	21	331	1002·4	-	40·4	0·9	7·7	92	7·7	0	4	6	1	19	0	2	0	3	1	4	3	3	12	2	0	3	23	4	0	1	2	7	6	2	6	2
Northumberland. Tynemouth ..	1	122	1003·1	-	43·8	1·6	8·5	87	7·7	0	3	8	4	15	0	1	0	0	3	1	14	9	2	0	0	8	24	0	0	1	3	2	6	10	6	2
	7	122	1002·4	-8·8	44·1	1·6	8·5	87	7·5	0	3	10	4	13	0	0	0	1	2	1	10	14	2	0	0	11	19	0	0	1	4	2	9	7	6	1
	13	122	1002·5	-	46·5	2·1	9·2	84	7·7	0	2	9	8	11	0	0	0	0	3	2	13	10	2	0	0	8	22	0	0	2	3	4	5	7	8	1
	18	122	1002·6	-	45·6	2·1	8·8	83	7·4	0	4	7	9	10	0	0	0	0	3	2	14	10	1	0	0	6	24	0	0	1	3	4	6	8	7	1

* Mean of hourly readings. † Pressure at Station level. ‡ Mean pressure at Station Level is 961·1 mb.
‡‡ Mean pressures at Station Level are 973·2 mb. at 7 h., 973·2 mb. at 13 h., 973·3 mb. at 18 h., and 973·7 mb. at 21 h.

TABLE IV (*continued*).—SUMMARY of the OBSERVATIONS of PRESSURE, TEMPERATURE, HUMIDITY, CLOUD, VISIBILITY and WIND at fixed hours at certain Stations during the month of NOVEMBER, 1935.

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.				MIST.	POOR VIS.	MOD. VIS.	GOOD VISIBILITY.			8 or more.	4 to 7	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										
2. ENGLAND, N.E.—*cont.*			G.M.T.	ft.	mb.	mb.	°F.	°F.	mb.	%																									
Durham.	Durham ..	..	9	352	1003·5	–	42·4	1·3	8·1	89	8·4	1	3	2	5	19	0	2	0	4	4	7	4	9	*0*	*0*	0	1	26	3	2	0	4	2	11	3	4	1
			21	352	1003·3	–	41·7	1·3	8·1	89	7·4	4	1	5	2	18	0	1	1	1	2	7	7	11	*0*	*0*	0	1	23	6	0	3	2	0	10	4	4	1
Yorks., N. Riding	Catterick ..	H	7	186	1003·0	–	40·9	0·8	8·2	93	8·5	0	1	5	7	17	0	2	1	0	5	4	*4*	7	*7*	*0*	0	3	21	6	1	1	2	2	9	3	4	2
			13	186	1002·8	–	46·2	2·4	8·9	82	8·1	0	3	4	12	11	0	1	0	1	4	1	*9*	4	*9*	*1*	0	7	21	2	1	2	3	5	6	3	7	1
			18	186	1003·0	–	42·9	1·5	8·3	87	6·6	5	4	2	8	11	0	2	0	0	4	4	*3*	11	*6*	*0*	0	3	23	4	2	1	2	3	8	4	3	3
Yorks., N. Riding.	Scarborough ..		9	96	1003·5	–	45·3	1·8	8·7	86	6·6	0	7	5	17	1	0	0	1	1	8	4	7	7	*2*	*0*	0	8	22	0	1	1	0	9	5	5	4	5
	York ..	..	9	53	1003·9	–	43·7	1·4	8·7	88	8·3	1	2	3	7	17	–	–	–	–	–	–	–	–	–	–	0	0	29	1	3	2	2	5	7	6	3	1
			21	53	1003·9	–	43·5	1·6	8·1	87	6·4	7	2	2	7	12	–	–	–	–	–	–	–	–	–	–	0	0	30	0	0	2	3	4	11	3	3	4
Yorks., E. Riding.	Spurn Head ..		1	28	1004·0	–	44·8	1·2	9·2	91	6·5	2	8	4	7	9	*0*	*0*	0	0	0	*3*	*6*	18	3	*0*	0	26	4	0	1	1	3	3	9	7	3	3
			7	28	1003·4	–8·8	44·5	0·9	9·5	93	8·4	0	0	5	13	12	*0*	*1*	0	1	0	*0*	*9*	15	4	*0*	0	25	5	0	1	0	3	5	9	6	5	1
			13	28	1003·4	–	47·8	2·0	9·7	85	8·0	0	2	5	12	11	*0*	*0*	0	0	1	*0*	*15*	11	3	*0*	0	18	12	0	0	0	4	5	7	3	9	2
			18	28	1003·4	–	46·1	1·5	9·3	88	7·1	0	2	9	11	8	*0*	*0*	0	0	2	*1*	*7*	15	5	*0*	0	19	11	0	0	1	2	6	9	8	2	2
Lincoln.	Cranwell ..	H	7	243	1004·7	–	41·5	0·8	8·5	93	7·2	1	6	2	8	13	0	3	2	2	*3*	2	15	3	0	*0*	0	14	15	1	1	2	3	7	5	7	3	1
			13	243	1004·4	–	47·5	2·3	9·6	86	8·0	0	3	2	15	10	0	0	0	2	*0*	4	16	7	1	*0*	0	14	16	0	2	2	2	5	5	9	4	1
			18	243	1004·5	–	43·6	1·2	8·6	91	5·8	2	9	3	9	7	0	0	0	2	*1*	11	11	5	0	*0*	0	9	21	0	3	2	2	8	7	5	3	0
3. ENGLAND, E.																																					
Norfolk.	Cromer ..	H	9	74	1005·2	–	46·3	1·4	9·7	89	7·4	0	1	13	5	11	0	0	0	1	0	1	*11*	*12*	*5*	*0*	0	2	28	0	3	0	5	2	12	5	3	0
			1	26	1006·3	–	45·8	1·2	9·5	91	6·3	3	4	6	10	7	0	0	0	1	*0*	2	*14*	*11*	2	*0*	0	19	10	1	1	1	2	3	9	9	3	1
Norfolk.	Yarmouth..	..	7	26	1006·0	–7·1	45·5	1·5	8·9	87	7·3	0	3	8	11	8	0	0	0	1	*0*	3	*14*	*11*	1	*0*	0	18	11	1	1	2	2	6	8	7	3	0
			13	26	1005·5	–	49·1	2·1	10·0	85	7·8	0	0	9	12	9	0	0	0	1	*0*	0	*19*	*10*	0	*0*	1	20	9	0	0	2	1	5	10	10	1	1
			18	26	1005·5	–	47·5	2·0	9·3	85	7·2	2	2	7	9	10	0	1	0	0	*0*	0	*23*	*6*	0	*0*	0	15	15	0	1	1	5	1	12	8	1	1
Suffolk.	Felixstowe Aero.		7	20	1006·2	–	46·1	1·3	9·4	89	7·5	1	2	6	10	11	0	0	0	1	0	0	12	*16*	*1*	*0*	0	14	15	1	2	0	2	6	9	6	3	1
			13	20	1005·7	–	49·5	2·7	9·9	81	7·5	0	3	7	14	6	0	0	0	1	0	0	14	*12*	*3*	*0*	0	17	12	1	2	1	3	4	9	8	2	0
			18	20	1005·9	–	47·7	2·0	9·7	85	6·6	1	7	4	9	9	0	1	0	0	2	2	10	*15*	*0*	*0*	0	16	14	0	1	1	2	5	10	6	3	2
Cambridge.	Cambridge	H	9	43	1005·2	–9·1	44·5	1·3	9·2	90	6·1	2	8	3	2	15	–	–	–	–	–	–	–	–	–	–	0	6	21	3	1	2	1	6	6	8	3	0
			21	43	1004·7	–9·6	44·3	1·0	9·2	92	5·8	8	2	3	5	12	–	–	–	–	–	–	–	–	–	–	0	3	24	3	0	4	2	2	6	11	0	2
Hertford.	Rothamsted	..	9	396	1005·0	–	44·1	1·1	8·9	91	6·8	2	4	6	6	12	0	1	1	*2*	0	*10*	*16*	*0*	*0*	*0*	0	7	16	7	1	1	2	4	5	4	5	1
Essex.	Shoeburyness	H	7	14	1006·2	–	45·7	1·5	9·4	89	7·3	2	4	4	5	15	0	1	0	0	5	0	4	12	8	0	0	8	22	0	1	0	0	4	12	7	3	3
			13	14	1005·8	–	49·6	2·5	10·0	82	8·1	0	2	5	10	13	0	0	1	2	0	0	11	9	7	0	0	6	22	2	4	0	0	4	10	7	2	1
			18	14	1005·8	–	47·3	2·0	9·5	85	6·3	1	6	8	5	10	0	1	1	0	0	1	9	6	12	0	0	8	20	2	1	2	1	2	10	8	3	1
4. MIDLAND COUNTIES.																																					
Yorks., W. Riding.	Harrogate ..		9	478	1003·7	–	41·7	0·9	8·4	92	7·8	0	5	2	8	15	0	5	*0*	2	6	7	2	*3*	4	1	0	2	25	3	1	0	3	2	7	9	5	0
Nottingham.	Nottingham ..		9	215	1003·7	–	43·6	1·5	8·6	87	7·5	2	4	3	7	14	0	3	3	10	6	2	6	0	*0*	*0*	0	0	30	0	1	4	3	3	3	5	10	1
Warwick.	Birmingham	H	7	542	1004·4	–	42·0	0·9	8·5	92	7·4	2	3	4	8	13	0	1	0	0	7	2	5	8	*7*	*0*	0	4	26	0	1	2	1	5	8	8	4	1
			13	542	1004·2	–	46·6	2·3	9·0	82	7·3	0	4	4	16	6	0	0	1	3	4	5	9	4	*4*	*0*	0	11	18	1	0	2	3	4	4	9	4	3
			18	542	1004·3	–	44·6	1·7	8·7	86	7·5	1	4	2	14	9	0	0	0	0	7	2	14	5	*2*	*0*	0	7	23	0	1	2	2	5	7	9	2	2
Oxford.	Oxford ..	..	9	212	1005·3	–9·7	44·2	1·3	8·8	90	7·6	1	5	1	8	15	0	2	*0*	3	3	3	15	3	1	*0*	0	8	21	1	2	3	1	5	7	9	2	0
Shropshire.	Shrewsbury	H	9	186	1003·5	–	43·4	1·3	8·7	91	7·5	1	3	7	4	15	0	0	1	1	2	3	7	0	16	*0*	0	5	19	6	1	1	4	7	3	6	2	0
Hereford.	Ross-on-Wye	H	7	226	1004·0	–	42·6	1·3	8·5	89	7·5	2	3	3	10	12	*0*	*1*	2	0	2	2	10	9	4	*0*	0	6	22	2	1	2	3	5	2	11	3	1
			13	226	1003·9	–	48·2	3·0	9·0	78	7·5	0	4	5	17	4	*0*	*0*	0	0	1	4	8	11	8	*0*	0	10	20	0	0	5	0	2	2	15	5	1
			18	226	1004·1	–	45·4	2·2	8·7	83	7·1	1	7	1	9	12	*0*	*0*	0	4	0	7	7	6	6	*0*	0	5	25	0	2	3	2	3	3	9	7	1
			21	226	1004·3	–	43·9	1·8	8·4	86	6·1	4	5	4	6	11	*0*	*0*	2	2	1	5	10	4	6	*0*	0	2	27	1	0	2	3	4	6	8	5	1
Gloucester.	Cheltenham	H	9	230	1005·0	–	44·6	1·7	8·7	87	7·7	1	1	7	10	11	0	*0*	0	5	4	5	1	12	*3*	0	0	0	23	7	1	1	1	2	7	7	3	1
			21	230	1005·0	–	44·4	1·6	8·7	87	7·1	1	4	4	10	11	0	*0*	0	3	3	1	7	11	*5*	0	0	3	25	2	2	1	0	2	7	8	6	2
5. ENGLAND, S.E.																																					
London.	*g*Greenwich	H	9	152	1005·9	–9·0	45·9	1·6	9·4	88	6·9	2	6	1	10	11	1	0	1	2	8	8	10	0	0	*0*	0	12	18	0	1	2	2	1	12	8	3	1
			15	152	1005·2	–9·0	48·7	2·6	9·6	81	8·1	0	3	3	12	12	0	0	0	3	7	6	14	0	0	*0*	0	14	16	0	1	3	2	1	8	11	3	1
			21	152	1005·7	–9·2	45·4	1·4	9·3	89	7·3	3	2	4	9	12	0	0	0	0	3	7	19	1	0	*0*	0	13	17	0	1	2	3	2	9	8	5	0
			h.*	152	1005·7	–8·9	45·7																															
London.	Kew Observatory	H	7	34	1005·8	–8·7	43·8	1·2	8·8	90	7·7	1	4	2	9	14	0	1	1	1	1	4	21	1	0	*0*	0	4	23	3	4	1	3	3	6	9	1	0
			13	34	1005·4	–9·0	49·3	2·8	9·5	79	8·1	0	4	1	15	10	0	0	0	0	5	2	18	2	3	*0*	0	8	21	1	1	3	1	2	7	12	2	1
			18	34	1005·5	–9·2	46·7	1·9	9·2	85	6·5	3	5	4	9	9	0	0	0	0	5	9	13	3	0	*0*	0	3	27	0	1	3	2	4	8	8	3	1
			21	34	1005·7	–9·2	46·3	1·9	9·2	86	6·7	3	5	4	8	10	0	0	0	0	6	4	16	2	2	*0*	0	5	25	0	0	2	3	4	8	7	5	1
			h.*	34	1005·8	–8·8	46·1	2·1	9·1	86																												
London.	Kensington	..	9	66	1005·7	–	45·6	1·6	9·2	87	7·2	2	4	3	10	11	0	1	1	4	5	*15*	4	0	*0*	*0*	0	2	28	0	1	3	0	3	4	17	1	1
			15	—	–	–	49·2	3·0	9·2	78	7·7	0	2	7	8	13	–	–	–	–	–	–	–	–	–	–	0	1	29	0	1	4	1	2	4	13	3	2
			18	—	–	–	47·5	2·3	9·1	82	6·1	3	5	7	6	9	–	–	–	–	–	–	–	–	–	–	0	2	28	0	1	4	0	3	6	9	6	1
London.	Stroud Green	..	7	237	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Surrey.	Croydon ..	H	1	225	1006·1	–	44·5	1·3	9·1	90	6·5	4	5	2	11	8	0	0	0	1	2	1	6	7	*13*	*0*	0	6	22	2	1	1	2	4	8	8	4	0
			7	225	1005·5	–	44·0	1·2	9·1	90	7·4	1	2	8	9	10	0	2	0	0	1	2	8	13	*4*	*0*	0	7	20	3	0	1	3	5	8	6	3	1
			13	225	1005·1	–	49·2	2·8	9·7	80	7·9	1	1	4	15	9	0	0	1	1	6	1	17	4	*0*	*0*	0	8	19	3	0	2	1	3	6	9	4	2
			18	225	1005·3	–	46·0	1·7	9·4	87	6·2	1	8	4	10	7	0	0	0	3	3	5	16	3	*0*	*0*	0	8	22	0	1	1	4	4	9	6	4	1
Surrey.	Wisley ..	..	9	85	1005·2	–	45·8	1·8	9·1	86	7·7	0	4	5	8	13	0	1	0	4	1	3	7	14	*0*	*0*	0	3	23	4	2	1	1	2	6	10	4	0

* Mean of hourly readings. *g* Temperature from thermometers on a Glaisher stand.

TABLE IV (*continued*).—SUMMARY of the OBSERVATIONS of PRESSURE, TEMPERATURE, HUMIDITY, CLOUD, VISIBILITY and WIND at fixed hours at certain Stations during the month of NOVEMBER, 1935

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.	4 to 7	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.	%																										
5. ENGLAND, S.E.—*cont.*		7	572	1006·3	–	43·4	1·3	8·7	89	7·3	1	4	5	8	12	1	1	0	0	1	1	8	*9*	9	*0*	0	10	15	5	1	0	2	4	8	9	1	0
Kent.	Biggin Hill H	13	572	1005·7	–	47·5	2·5	9·2	81	8·1	0	2	4	12	12	0	0	0	5	0	1	4	*14*	6	*0*	0	9	20	1	1	3	1	2	9	9	2	2
		18	572	1006·0	–	44·9	1·5	9·0	88	6·5	1	8	4	6	11	0	0	0	3	0	0	7	*19*	1	*0*	0	7	23	0	2	4	2	2	8	8	4	0
		7	—	–	–	47·7	1·4	10·2	89	7·4	1	3	4	17	5	*0*	0	1	0	1	2	7	*19*	*0*	0	0	17	13	0	4	1	0	2	7	10	4	2
Kent.	Dungeness ..	13	—	–	–	51·2	1·2	11·6	91	8·0	0	0	6	20	4	*0*	0	0	0	1	4	10	*15*	*0*	0	0	15	15	0	3	2	1	2	4	11	5	2
		18	—	–	–	49·4	1·5	10·9	89	7·3	2	2	5	17	4	*0*	0	0	0	0	2	13	*15*	*0*	0	0	14	16	0	2	1	0	3	7	9	7	1
		1	345	1007·6	–	45·4	1·5	9·2	88	6·6	3	5	2	11	9	0	0	0	*1*	0	1	*7*	14	7	0	0	9	21	0	2	1	2	3	8	6	8	0
Kent.	Lympne .. H	7	345	1007·1	–	44·8	1·4	9·2	89	7·2	1	5	3	12	9	0	0	1	*1*	1	1	*8*	10	8	0	0	14	16	0	5	1	1	2	10	6	5	0
		13	345	1006·5	–	48·9	2·5	9·7	82	7·7	0	4	3	16	7	0	0	0	*0*	0	4	*7*	7	12	0	0	14	16	0	3	1	2	1	8	9	4	2
		18	345	1006·7	–	46·2	1·7	9·4	87	7·3	2	3	6	8	11	0	0	0	*0*	0	5	*8*	12	5	0	0	13	17	0	1	2	1	5	8	6	6	1
		7	141	1006·6	–	44·9	1·3	9·2	89	7·5	0	5	3	12	10	0	1	0	1	0	1	*18*	*8*	*0*	0	0	16	12	2	0	1	1	6	9	6	3	2
Kent.	Manston	13	141	1006·1	–	49·8	2·9	9·7	79	7·9	0	1	6	17	6	0	0	0	0	1	2	7	*9*	*11*	*0*	0	19	11	0	1	1	1	3	10	9	3	2
		18	141	1006·3	–	46·6	1·8	9·5	87	7·3	1	5	4	8	12	0	0	0	1	1	0	6	*13*	*10*	*0*	0	13	16	1	1	2	1	6	7	9	3	0
Kent.	Tunbridge Wells ..	9	407	1006·7	–	44·7	0·9	9·5	93	7·4	2	3	4	7	14	0	0	*1*	1	1	4	11	9	3	*0*	0	4	26	0	1	3	0	5	4	10	4	3
Sussex.	Brighton .. H	9	48	1007·6	–	48·3	1·1	10·8	92	7·2	2	5	3	6	14	0	0	0	1	5	5	11	4	4	*0*	0	6	24	0	6	3	1	2	5	9	3	1
		9	174	1006·5	–	47·9	2·0	9·7	84	7·0	3	3	4	12	8	0	0	0	0	1	6	19	*1*	*3*	*0*	0	16	14	0	0	6	0	4	1	14	0	5
Sussex.	Hastings H	21	174	1006·7	–	48·6	2·3	9·9	83	6·8	3	4	5	5	13	0	0	0	0	3	14	6	*4*	*3*	*0*	0	16	13	1	0	3	0	5	1	13	1	6
		7	15	1005·5	–	45·9	1·2	9·6	91	7·0	1	3	4	11	11	0	2	1	0	0	1	5	11	10	*0*	0	12	16	2	3	1	2	2	6	7	4	3
Hampshire.	Calshot	13	15	1005·5	–	49·7	2·4	10·0	83	8·0	0	1	6	13	10	0	0	1	0	1	1	5	16	6	*0*	0	13	15	2	3	1	2	3	6	6	5	2
		18	15	1005·7	–	47·8	1·7	9·9	87	6·1	1	7	8	7	7	0	0	0	1	0	0	2	9	18	*0*	0	13	17	0	1	1	1	6	5	8	4	4
		9	84	1006·1	−9·2	45·2	1·1	9·3	91	8·2	1	1	6	1	21	1	0	3	4	3	*12*	7	0	0	*0*	0	4	26	0	4	5	1	2	4	6	5	3
Hampshire.	Southampton ..	21	84	1006·0	−9·0	45·5	1·4	9·0	89	7·2	4	1	5	4	16	0	0	3	4	1	*7*	15	0	0	*0*	0	5	25	0	2	2	1	5	0	11	8	1
		7	256	1005·4	–	42·7	0·9	8·9	92	7·8	0	2	7	11	10	0	1	2	1	1	3	12	7	*3*	*0*	0	5	21	4	0	2	2	7	6	6	2	1
Hampshire.	S. Farnborough H	13	256	1005·1	–	49·1	2·7	9·6	80	7·9	0	2	6	13	9	0	0	0	1	2	1	14	7	*5*	*0*	0	9	19	2	1	1	2	2	8	6	6	2
		18	256	1005·4	–	45·4	1·4	9·3	90	6·8	2	7	3	8	10	0	0	0	1	3	1	20	5	*0*	*0*	0	4	26	0	1	1	2	4	7	8	4	3
I. of Wight.	Ventnor (Hosp.) ..	9	80	1005·9	–	48·9	2·0	10·1	85	7·3	0	6	3	8	13	–	–	–	–	–	–	–	–	–	–	0	10	20	0	1	3	2	1	0	7	11	5
		15	80	1005·1	–	49·7	2·3	10·3	83	7·6	0	3	6	12	9	–	–	–	–	–	–	–	–	–	–	0	11	19	0	1	4	0	0	4	4	14	3
Wilts.	Amesbury H	7	418	1005·0	–	42·3	0·5	9·0	96	7·8	1	3	5	11	10	0	1	1	3	0	3	7	15	*0*	*0*	0	8	19	3	3	2	2	6	6	5	2	1
	(Boscombe Down)	13	418	1005·0	–	47·7	2·2	9·5	84	7·8	0	1	7	14	8	0	0	0	1	1	1	8	16	*3*	*0*	0	13	15	2	0	4	0	3	6	11	3	1
		18	418	1005·1	–	44·5	1·0	9·3	92	6·3	2	4	8	8	8	0	0	0	0	0	3	9	18	*0*	*0*	0	11	19	0	2	2	1	6	8	5	5	1
Wilts.	Larkhill .. H	9	444	1005·2	–	43·2	1·1	8·8	91	7·8	1	3	3	10	13	0	1	2	0	1	0	4	9	13	*0*	0	11	16	3	1	4	1	3	4	7	6	1
		13	444	1004·9	–	47·7	2·6	9·2	81	7·3	0	5	4	13	8	0	0	0	1	0	0	3	8	18	*0*	0	14	13	3	0	2	2	2	5	9	6	1
		15	444	1004·8	–	47·2	2·4	9·1	81	7·2	0	3	7	13	7	0	0	0	0	1	0	4	6	19	*0*	0	15	15	0	1	3	3	3	3	10	6	1
7a. ENGLAND, N.W.																																				
Lancashire.	Hutton	9	86	–	–	44·0	1·1	8·9	91	6·9	1	4	5	12	8	–	–	–	–	–	–	–	–	–	–	0	1	26	3	1	2	2	8	5	4	4	1
Lancashire.	Manchester H	7	83	1003·2	–	43·0	1·1	8·7	91	7·9	0	2	6	11	11	0	0	1	0	2	*5*	15	7	0	0	0	8	22	0	0	1	5	6	7	5	4	2
	(Barton)	13	83	1003·5	–	48·1	3·1	8·9	78	7·2	0	3	8	13	6	0	0	0	1	5	*3*	10	11	0	0	0	16	14	0	0	1	3	4	5	8	6	3
		18	83	1003·1	–	45·0	1·9	8·7	85	7·0	3	3	4	7	13	0	0	0	3	3	*12*	9	3	0	0	0	12	17	1	1	1	4	3	9	6	2	3
Lancashire.	Manchester	9	127	1003·4	–	44·3	1·4	8·8	89	8·0	1	3	2	11	13	–	–	–	–	–	–	–	–	–	–	0	0	30	0	1	2	4	7	9	6	1	0
	(Whitworth Pk.)	21	127	1003·4	–	44·6	1·8	8·7	85	7·1	0	7	5	6	12	–	–	–	–	–	–	–	–	–	–	0	2	28	0	0	1	4	5	9	6	4	1
Lancashire.	Southport* H	9	34	1003·0	−10·2	44·2	1·4	8·9	89	8·6	0	1	2	16	11	0	0	0	2	3	15	2	6	2	*0*	0	14	16	0	2	1	3	9	7	3	3	2
	(Bedford Rd. Park)	13	34	1002·8	−10·1	48·3	3·1	9·0	78	7·7	1	4	3	10	12	0	0	0	0	0	12	8	7	3	*0*	0	13	17	0	1	2	2	6	5	8	4	2
		18	34	1002·6	−10·4	44·8	2·0	8·6	84	6·9	0	7	3	7	13	0	0	0	0	2	14	3	11	0	*0*	0	11	18	1	1	1	5	4	9	1	5	3
		21	34	1002·9	−10·3	44·0	1·7	8·5	86	6·7	1	8	3	7	11	0	0	0	0	3	16	5	6	0	*0*	0	10	20	0	1	1	5	9	5	1	5	3
Lancashire.	Stonyhurst ..	9	381	1003·5	–	43·2	1·2	8·4	90	8·1	1	2	2	13	12	0	0	0	1	0	3	20	*1*	*5*	*0*	0	6	23	1	1	4	2	4	7	6	4	1
		21	381	1004·7	–	42·9	2·0	7·8	83	7·6	3	1	5	4	17	0	0	0	1	2	1	14	*12*	*0*	*0*	0	7	22	1	2	6	2	2	6	6	4	1
Cheshire.	Bidston Obs'y. ..	9	202	1003·2	–	43·8	1·2	8·8	90	7·4	0	3	6	11	10	*0*	0	0	3	5	3	9	*6*	4	0	0	13	17	0	1	2	4	8	4	2	7	2
		21	202	1003·2	–	44·0	1·5	8·6	87	7·2	3	2	4	14	7	*0*	0	0	0	2	0	7	*6*	15	0	1	12	17	0	0	2	5	8	3	4	4	4
7b. NORTH WALES.																																				
Flint.	Sealand .. H	7	19	1003·2	–	42·2	1·3	8·2	89	7·4	0	5	4	10	11	0	0	0	0	3	7	10	*9*	*1*	*0*	0	5	24	1	1	2	2	13	3	4	3	1
		13	19	1003·3	–	48·5	3·4	8·7	75	7·6	0	1	7	18	4	0	0	0	0	5	5	9	*5*	*5*	*1*	0	7	23	0	0	1	3	11	3	6	3	3
		18	19	1003·4	–	44·6	2·2	8·3	82	6·8	1	6	4	10	9	0	0	0	1	2	8	14	*4*	*1*	*0*	0	6	22	2	0	1	5	11	3	3	4	1
Anglesey.	Holyhead .. H	1	29	1002·0	–	47·0	2·2	9·2	84	7·0	1	4	7	9	9	0	0	0	0	0	1	6	8	15	0	1	18	10	1	0	0	5	6	3	7	7	1
		7	29	1001·5	−10·7	46·8	1·9	9·3	85	7·6	0	3	4	16	7	0	0	0	0	0	0	3	9	16	2	0	13	16	1	0	2	3	5	4	6	8	1
		13	29	1001·9	–	49·2	3·0	9·4	79	7·2	0	4	6	16	4	0	0	0	0	0	1	2	7	18	2	0	21	9	0	2	1	4	2	4	10	5	2
		18	29	1001·7	–	47·5	2·3	9·2	82	7·4	0	4	6	11	9	0	0	0	0	0	1	4	8	16	1	0	20	10	0	0	1	6	3	4	7	5	4
Carnarvon.	Llandudno ..	9	33	1002·9	–	46·1	2·4	8·6	81	6·8	2	2	8	14	4	0	0	0	0	1	2	4	9	*12*	*2*	0	3	27	0	1	2	4	1	10	10	1	1
8a. SOUTH WALES.																																				
Pembroke.	St. Ann's Head ..	1	152	1002·4	–	47·9	2·6	9·2	80	7·3	0	4	9	10	7	0	0	0	0	0	0	*0*	3	20	7	*0*	0	17	11	2	0	1	5	0	4	9	5	4
		7	152	1001·7	−11·1	47·8	2·7	9·1	79	8·4	0	1	3	20	6	0	0	0	0	0	0	*0*	2	22	6	*0*	0	18	12	0	1	2	5	1	4	3	10	4
		13	152	1002·3	–	49·6	3·3	9·4	77	8·5	0	1	9	13	7	0	0	0	0	0	0	*0*	0	19	11	*0*	1	19	9	1	0	2	2	4	2	3	11	5
		18	152	1002·3	–	48·4	3·1	8·7	77	7·8	0	1	7	14	8	0	0	0	0	0	0	*0*	4	18	8	*0*	1	16	13	0	3	1	2	1	5	6	8	4

* Visibility at Hesketh Park; 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 month of NOVEMBER, 1935

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.	4 to 7	1 to 3	Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
8a. SOUTH WALES—*cont.*	G.M.T.	ft.	mb.	mb.	°F.	°F.	mb.	%																										
Radnor. Rhayader	9	—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Glamorgan. Cardiff	9	216	1005·1	-	44·5	1·3	9·1	89	7·8	4	2	0	8	16	0	1	0	2	5	7	12	*2*	*1*	*0*	0	7	23	0	0	6	4	0	2	7	8	3
	21	216	1004·7	-	44·1	1·4	8·7	88	6·1	10	0	1	6	13	0	0	0	0	0	7	18	*5*	*0*	*0*	0	2	28	0	0	5	2	2	4	7	8	2
8b. ENGLAND, S.W.																																		
Somerset. Bath	9	113	1004·6	-	44·2	1·3	8·8	89	7·1	3	5	2	6	14	0	2	1	1	6	8	*11*	*1*	*0*	*0*	0	1	23	6	0	3	1	3	3	9	2	3
Dorset. Holton Heath H	9	58	1005·4	-	45·8	1·5	9·5	89	7·9	0	4	2	12	12	0	0	0	0	1	4	7	17	*1*	*0*	0	12	17	1	2	3	2	1	4	7	7	3
	15	58	1004·9	-	49·1	2·4	9·9	82	8·1	0	3	4	9	14	0	0	0	0	0	2	8	18	*2*	*0*	0	14	16	0	1	3	0	3	6	6	8	3
Dorset. Portland Bill ..	1	37	1004·9	-	49·6	2·1	10·4	85	7·5	0	5	4	10	11	0	0	0	*0*	0	0	3	*15*	*12*	*0*	0	22	8	0	1	2	3	1	2	9	7	5
	7	37	1004·3	-9·1	48·8	1·8	10·3	87	8·1	0	2	4	11	13	0	0	0	*0*	0	0	*1*	*22*	*7*	*0*	0	21	9	0	1	3	1	2	6	6	6	5
	13	37	1004·8	-	50·3	2·2	10·3	84	7·9	0	4	4	8	14	0	0	0	*0*	0	0	*0*	*23*	*7*	*0*	0	20	10	0	0	3	3	2	4	5	9	4
	18	37	1004·7	-	49·5	2·2	9·9	83	6·9	0	6	6	8	10	0	0	0	*0*	0	0	*3*	*21*	*6*	*0*	0	18	12	0	2	2	1	0	4	7	10	4
Devon. Plymouth H	7	27	1004·6	-	46·4	1·8	9·4	86	7·7	0	3	4	17	6	0	0	0	0	0	0	3	8	19	*0*	0	16	14	0	0	5	3	2	3	5	8	4
(Mount Batten) ..	13	27	1004·9	-	50·0	2·6	10·1	81	7·6	1	3	3	15	8	0	0	0	0	0	2	6	16	16	*0*	0	19	11	0	1	3	2	2	4	6	10	2
	18	27	1005·0	-	48·2	2·0	9·8	85	7·3	0	5	5	14	6	0	0	0	0	0	2	14	12	2	*0*	0	9	20	1	1	4	1	0	4	7	9	3
Cornwall. The Lizard ..	1	240	1004·9	-	47·9	2·3	10·3	90	6·8	1	7	4	10	8	0	0	0	1	0	0	2	*2*	*25*	*0*	0	24	6	0	2	2	1	1	4	6	11	3
	7	240	1004·3	-	47·7	2·0	9·7	85	7·7	0	2	7	11	10	0	0	0	0	0	1	0	*2*	*27*	*0*	0	21	9	0	1	3	2	2	3	7	9	3
	13	240	1005·0	-	50·4	3·0	9·3	76	7·3	0	3	8	13	6	0	0	0	0	2	0	1	*3*	*24*	*0*	0	23	7	0	0	1	3	2	3	8	9	4
	18	240	1004·9	-	48·5	2·3	9·9	83	6·9	0	4	9	11	6	0	0	0	0	0	2	*3*	*25*	*0*	1	20	9	0	1	1	2	0	6	5	11	4
Cornwall. Newquay ..	9	161	1004·4	-	46·0	1·7	9·1	87	6·5	0	4	10	11	5	0	0	0	0	3	5	13	*5*	*4*	*0*	0	15	15	0	1	0	1	3	10	6	5	4
9. IRELAND, N.																																		
Sligo. Markree Castle ..	9	127	1001·1	-	40·7	1·2	7·8	89	7·5	0	0	9	11	10	0	*0*	0	0	0	*1*	*3*	10	16	*0*	0	2	19	9	1	0	3	5	5	5	2	0
	21	127	1000·6	-	41·3	0·9	8·1	92	6·2	2	5	8	7	8	0	*0*	0	0	0	*0*	*5*	6	19	*0*	0	2	20	8	3	1	2	4	8	0	4	0
Mayo. Blacksod Point ..	1	28	999·8	-	43·5	1·9	8·6	85	6·7	1	6	7	5	11	0	0	0	0	0	0	0	14	16	*0*	1	14	14	1	2	0	5	1	4	7	6	4
	7	28	999·6	-	45·0	2·0	8·5	84	7·3	1	3	4	12	10	0	0	0	0	0	0	0	15	14	*1*	1	12	15	2	2	0	4	6	5	3	5	3
	13	28	999·9	-	47·4	2·5	8·9	81	7·6	0	2	8	9	11	0	0	0	0	0	0	2	6	17	*5*	0	19	10	1	2	2	4	2	3	7	7	2
	18	28	999·7	-	46·2	2·3	8·7	82	7·2	1	2	8	9	10	0	0	0	0	0	0	1	16	13	*0*	0	13	15	2	4	0	3	2	4	7	5	3
Donegal. Malin Head ..	1	87	999·1	-	44·2	0·3	9·6	97	6·5	0	9	4	7	10	0	0	0	0	0	0	0	4	26	*0*	0	16	14	0	2	1	4	3	14	0	5	1
	7	87	998·9	-10·1	43·2	0·6	8·9	95	8·2	0	3	1	19	7	0	0	0	0	0	0	0	2	28	*0*	*0*	0	13	17	0	1	0	4	4	11	2	7	1
	13	87	999·3	-	46·2	0·9	9·8	93	8·1	0	2	5	14	9	0	0	0	0	0	0	0	2	28	*0*	*0*	0	17	13	0	1	1	3	3	12	5	4	1
	18	87	999·1	-	44·4	0·6	9·3	95	7·3	0	7	1	14	8	0	0	0	0	0	0	0	3	27	*0*	*0*	0	17	13	0	2	0	5	2	14	2	4	1
Antrim. Aldergrove H	7	245	1000·8	-	40·8	1·2	7·9	90	6·3	1	8	3	12	6	0	0	0	0	0	0	2	2	10	16	*0*	0	12	17	1	1	0	8	5	5	7	2	1
	13	245	1001·0	-	45·1	2·4	8·3	81	7·7	0	4	3	17	6	0	1	0	0	0	0	5	9	13	*2*	0	16	14	0	1	0	5	3	9	8	3	1
	18	245	1001·0	-	41·9	1·6	7·9	87	7·1	0	7	2	11	10	0	1	0	0	0	0	4	12	13	*0*	0	9	19	2	0	0	6	4	10	3	2	3
Armagh. Armagh .. H	9	209	1001·1	-10·6	41·2	1·8	7·6	85	6·0	2	10	1	10	7	*0*	*0*	1	1	0	1	*2*	*9*	16	*0*	0	3	25	2	0	3	4	2	9	8	1	1
	21	209	1000·7	-11·1	41·5	1·7	7·8	86	5·2	8	4	3	6	9	*0*	*0*	0	0	0	0	*10*	*12*	8	*0*	0	6	22	2	0	2	3	5	8	9	0	1
10. IRELAND, S.																																		
Dublin. Glasnevin	9	56	(1002·8)	-	42·6	1·9	7·9	84	6·1	6	0	11	5	8	0	0	*2*	*1*	*10*	*4*	*4*	*1*	*8*	*0*	0	3	26	1	0	2	3	2	0	8	9	5
	21	56	(1002·3)	-	42·7	1·7	8·0	85	4·6	12	0	8	2	8	0	0	*7*	*4*	*7*	*2*	*4*	*0*	*6*	*0*	0	0	24	6	0	0	3	1	4	2	6	8
Offaly. Birr Castle ..	7	193	1001·1	-11·2	39·7	0·7	7·8	93	6·0	1	11	2	12	4	0	*0*	0	0	0	*0*	*0*	*5*	*25*	*0*	0	0	29	1	1	2	1	3	13	5	3	1
	13	193	1001·7	-	46·3	2·4	8·6	81	7·1	0	5	6	10	9	0	*0*	0	1	0	*0*	*0*	*4*	*25*	*0*	0	1	29	0	0	2	0	4	9	9	3	3
	18	193	1001·5	-	42·4	1·2	8·1	90	7·0	0	5	6	14	5	0	*0*	0	1	0	*0*	*0*	*7*	*22*	*0*	0	2	28	0	1	2	1	3	10	8	3	2
Waterford. Seskin, Carrick-on-Suir	9	521	1002·7	-	41·6	1·0	8·3	91	5·5	0	10	7	9	4	0	0	0	*0*	0	0	1	*5*	8	16	1	7	16	6	1	0	3	3	5	5	2	5
	21	521	1002·5	-	41·5	1·0	8·0	91	5·1	2	12	4	7	5	0	0	0	*0*	0	0	3	*1*	16	10	0	11	15	4	2	0	2	3	5	5	5	4
Kerry. Valentia H Observatory	7	45	1001·3	-11·3	46·0	2·3	8·7	82	7·2	1	3	7	11	8	0	0	0	0	0	0	*1*	6	*22*	*1*	0	19	11	0	2	3	2	5	3	8	5	2
	13	45	1001·8	-11·2	48·4	3·1	8·9	78	7·3	0	3	8	16	3	0	0	0	0	0	0	*1*	2	*21*	*6*	0	21	9	0	1	2	4	2	7	4	7	3
	18	45	1002·0	-11·0	46·6	2·5	8·7	80	7·2	0	6	3	14	7	0	0	0	0	0	0	*2*	5	*20*	*3*	0	20	10	0	2	1	3	3	7	7	4	3
	21	45	1002·2	-11·1	46·2	2·5	8·7	80	6·4	1	6	6	11	6	0	0	0	0	0	0	*1*	3	26	*0*	0	17	12	1	1	3	2	3	6	3	7	4
	h.*	45	1001·7	-11·3	46·6	2·5	8·7	80																										
Cork. Roche's Point ..	7	24	1002·6	-10·5	45·1	1·5	8·9	87	6·5	0	6	8	11	5	0	0	0	0	0	0	1	6	*23*	*0*	2	5	23	0	6	1	2	3	1	3	13	1
	13	24	1003·2	-	48·7	2·6	9·6	81	7·0	0	2	11	12	5	0	0	0	0	0	1	2	*5*	*15*	*7*	1	6	23	0	2	2	1	3	1	7	9	5
	18	24	1003·2	-	47·2	2·3	9·1	82	6·5	0	5	8	15	2	0	0	0	0	0	0	1	*4*	*25*	*0*	1	7	22	0	3	1	3	0	2	6	11	4
11. CHANNEL I. & SCILLY.																																		
Scilly. St. Mary's	1	199	1004·7	-	47·8	2·4	9·4	82	6·6	2	3	7	13	5	0	0	0	0	0	0	3	*9*	*18*	0	0	24	5	1	1	1	3	0	4	6	7	7
	7	199	1003·8	-9·5	47·7	2·3	9·9	83	6·9	0	4	7	13	6	0	0	0	0	0	1	2	*9*	*18*	0	1	21	8	0	0	1	3	0	4	6	9	7
	13	199	1004·4	-	51·0	3·3	9·8	77	6·5	0	6	8	13	3	0	0	0	0	0	0	4	*12*	*14*	0	0	25	5	0	2	0	4	0	3	7	9	5
	18	199	1004·6	-	48·4	2·4	9·4	82	6·8	0	6	5	14	5	0	0	0	0	0	1	3	*12*	*14*	0	1	23	6	0	1	0	4	1	5	4	9	6
Guernsey. St. Peter Port H	1	186	1006·7	-	48·9	2·2	9·9	83	7·2	2	2	7	7	12	0	0	0	0	0	0	3	*19*	*8*	0	0	10	15	5	1	1	1	2	6	8	2	4
	7	186	1006·3	-	48·0	2·0	9·7	85	7·7	0	2	8	11	9	0	0	0	0	0	0	3	*18*	*9*	0	0	13	15	2	1	0	1	4	5	7	4	6
	13	186	1006·4	-	50·9	3·2	10·9	77	7·8	0	2	7	13	8	0	0	0	0	1	0	9	*8*	*11*	1	0	15	15	0	2	2	2	1	5	6	9	3
	18	186	1006·7	-	49·4	2·7	9·5	80	7·1	1	2	10	9	8	0	0	0	0	0	1	5	*18*	*6*	0	0	12	17	1	1	1	3	0	2	9	10	3
GIBRALTAR .. .. H	7	90	1017·7	-0·4	55·7	2·4	12·7	84	6·4	1	7	6	7	9	0	0	0	0	*0*	1	*10*	*8*	11	0	0	7	22	1	0	0	5	0	0	5	10	9
	13	90	1017·9	-	63·6	5·0	13·7	69	5·8	0	8	6	13	3	0	0	0	0	0	2	*5*	*10*	13	0	0	13	17	0	0	0	6	0	1	5	13	5
	18	90	1017·7	-	60·1	4·0	13·7	77	6·2	1	8	4	11	6	0	0	0	0	0	2	*8*	*13*	7	0	0	8	22	0	0	2	5	0	0	4	15	4
	21	90	1018·0	-	57·9	3·3	13·2	80	5·2	1	9	10	3	7	0	0	0	0	0	1	*11*	*11*	7	0	0	4	26	0	1	1	5	0	0	4	14	5
MALTA .. .. H	7	234	1015·9	-1·1	64·0	4·3	15·8	77	6·7	0	3	8	19	0	0	0	0	0	0	1	1	3	*22*	*3*	0	11	19	0	0	2	4	4	8	2	6	4
	13	234	1015·3	-	67·5	6·5	15·6	67	6·2	0	8	5	16	1	0	0	0	0	0	0	0	2	*24*	*4*	0	18	12	0	1	2	3	4	6	4	5	5
	18	234	1015·8	-	64·3	4·7	15·5	75	4·1	4	11	6	7	2	0	0	0	0	0	0	0	2	*27*	*1*	0	13	16	1	0	2	3	6	4	4	6	4

* Mean of hourly readings.

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 temperature 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:—*Royal Observatory, Greenwich.*—A Glaisher stand is used. *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.

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 Gale 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 arrangement 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.

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—Rhayader (9), Tavistock (17), Plymouth (15), Balbriggan (25), Newcastle, Co. Wicklow (30).

"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*), *Pressure* (*Table IV*).—The averages refer to the period 1881–1915 and are "weighted" if the record is not complete for that period.

Temperature and Sunshine (*Table III*).—The averages refer to periods of from 10 to 30 years ending 1930, the actual period for each station being stated in the Introduction. Differences from 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.

(13895) Wt. 21/17/Ps.587. 925. 12/35. P.L.H. & CO. LTD. G.922.

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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: ADASTRAL HOUSE, KINGSWAY, LONDON W.C.2; 120 GEORGE STREET, EDINBURGH 2; YORK STREET, MANCHESTER 1; 1 ST. ANDREW'S CRESCENT, CARDIFF; 80 CHICHESTER STREET, BELFAST; or through any Bookseller.

VOL. 52. NO. 12. ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE

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DECEMBER, 1935.—Notably cold from the 17th to 24th; widespread floods in England towards the end of the month.

The month was remarkable for an extremely cold spell from the 17th–24th, excessive sunshine except in south-eastern districts, much fog from the 6th–8th and 17th–24th, and widespread flooding in England in the last week.

During the opening days of the month a very deep depression was centred off south-west Norway and north-westerly winds prevailed over the British Isles, with some precipitation on most days, and snow or sleet at times, mainly in the north. Gales were rather widespread on the 1st and 2nd. Subsequently the main depression became less deep and secondaries moved round it in an anti-clockwise direction. Between the 6th and 8th, shallow depressions passed eastward across our northern seaboard, while associated troughs crossed the British Isles, and weather continued rather unsettled generally. An anticyclone, which was centred off the west coast of Scotland on the 9th, moved eastward to southern Scandinavia and maintained anticyclonic conditions over the United Kingdom for some days. Unsettled weather was re-established on the 14th, by a depression centred over eastern Iceland. This system moved slowly south-east to the Netherlands, causing local gales in the west and north. Heavy rain fell locally in the west of Scotland on the 14th.

Subsequently from the 19th to 24th, a belt of high pressure extended across the British Isles between depressions situated over Scandinavia and off our south-west coasts. This was a period of intense frost, much fog and some snow.

On the 24th and following days a deep Atlantic depression approached our western coasts and secondary depressions crossed the British Isles. There was a rapid rise of temperature and much rain fell in England. A new deep depression approached S.W. Ireland on the 30th.

Pressure and Wind.—Monthly mean pressure was below the average in all districts, the deficiency being greatest in the south. At 7h. the deviation from the average varied from −3·6 mb. at Lerwick to −10·1 mb. at Kew Observatory.

On the whole, the month was not a windy one for the time of year. Gales were rather widespread on the 1st and 2nd and occurred at a few isolated stations between the 3rd and 6th. Gales were reported locally in south-east England round the 10th and 11th, in the north of Scotland and north-west of England between the 14th and 16th, at a few stations in the west and north between the 24th and 26th and in the south-west from the 29th–31st. Among the highest speeds recorded in gusts were 84 m.p.h. at the Lizard on the 2nd, and 80 m.p.h. at Bidston Observatory and 76 m.p.h. at Fleetwood on the 1st.

Temperature.—Mean temperature was well below the average, the deviation varying from −1·1°F. in the Channel Islands to −4·2°F. in Scotland, W. (See Table I).

The spell from the 17th to 24th was exceptionally severe. Some notably low minima were registered in the screen, readings below 15°F. being registered at numerous stations, while 4°F. was recorded at Braemar, 7°F. at Balmoral, Mayfield and Rickmansworth, and 8°F. at Peebles on the 24th, and 8°F. at Appleby, Buxton, West Linton and Peebles on the 23rd. The days, as well as the nights, were cold, particularly at places with persistent fog, and maximum temperatures below 30°F. were widespread. Among the lowest maxima recorded were 18°F. at Abbotsinch, 24°F. at Attenborough and Eskdalemuir and 25°F. at Newton Rigg, Ross-on-Wye and Cambridge on the 23rd, and 25°F. at Stonyhurst on the 20th.

Temperature rose rapidly during the 24th and the last week was mainly mild. Some fairly high day temperatures were also recorded locally on the 1st, 3rd and between the 8th and 10th.

The extremes for the month were:—(England and Wales) 55°F. at Dungeness on the 28th; 7°F. at Rickmansworth and Mayfield on the 24th; (Scotland) 51°F. at Achnashellach on the 3rd, 4°F. at Braemar on the 24th; (Ireland) 53°F. at Dublin City and Hazelhatch on the 26th and 12°F. at Markree Castle on the 23rd.,

Precipitation.—The general precipitation of the British Isles expressed as a percentage of the average for the period 1881–1915 was 88, the values for the constituent countries being England and Wales 100, Scotland 72 and Ireland 72.

More than 100 per cent of the average fell in the English Midlands, in southern England (except the extreme south-west) and part of eastern England, but there was a considerable deficiency in Wales and north-west England. In Scotland, an excess was confined to one or two places in the north-east and in Wigtownshire, while less than half the average amount was recorded at many places in central, north-west and south-east districts. In Ireland, the deficiency was general except locally in County Down and less than half the average was registered in some central areas. In England, the total rainfall of the last week was heavy, and widespread and destructive floods were reported in many districts.

Thunderstorms were rather widespread on the 1st and 2nd. They were reported in south-west Scotland also on the 7th and 8th, and at one or two places in England on the 15th. Some sleet or snow occurred rather frequently during the first 25 days, particularly between the 1st and 6th, on the 10th and from the 14th to 25th. At Braemar the depth lying was 6 in. on the 1st, and at Balmoral 4 in. on the 1st and 2 in. from the 17th to 25th. Newcastleton (Roxburghshire) had 6 in. to 8 in. lying on the 4th, West Linton 4 in. from the 16th to 19th and 3 in. from the 20th to 23rd and Achnashellach 4 in. on the 21st and 8 in. from the 22nd to 24th.

Sunshine.—A large excess of bright sunshine was enjoyed over the greater part of the country, the percentage of the average for districts 1–10 being 123. The largest excess was registered in Scotland, N. and Scotland, W.: at Stornoway, the total for the month, 54 hours, is the highest recorded in December since records were started in 1881. In England, S.E., England, E. and the Channel Islands, less than the average was recorded (See Table I). Although, in general, there was a marked excess of sunshine, large variations occurred in some districts. For example, in England, N.E., York had 193 per cent. of the average, while Cranwell had only 65 per cent. In England, E., Rothamsted had 109 per cent and Cambridge 61 per cent and in England, S.E., Hastings had 111 per cent and Margate 64 per cent.

Fog.—Fog occurred very frequently: it was reported at the morning observation on 25 days at Nottingham and on 24 at Glasgow. The most noteworthy fogs occurred from the 5th–7th and between the 18th and 23rd, but fog was also recorded locally, daily from the 24th–31st. The observer at Ipswich remarks that "the fogs in Ipswich on the evening of the 6th and outside the town on the afternoon of the 7th were, I think, the thickest that I ever remember hereabouts." During a thick fog on the 20th, four men fell into the harbour at Bristol, and the greatest atmospheric pollution for nearly 11 years was reported at Kew Observatory on the 23rd.

Miscellaneous Phenomena.—The aurora was seen in the north of Scotland on the 4th, 5th, 9th, 14th, 16th and 28th. Solar halos were noted at Oxford on ten days. A waterspout was observed off Ferring, near Worthing, on the 28th.

METEOROLOGICAL OFFICE, AIR MINISTRY: G. C. SIMPSON, K.C.B., D.Sc., F.R.S., Director. South Kensington, S.W.7, *24th January*, 1936.

40/0020

TABLE I.—DISTRICT VALUES.— DECEMBER, 1935 [1908, revised 1928.]

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.	51	9	-2·8	-	-	62	-3	170	18
Eastern.									
1. SCOTLAND, E.	49	4	-2·9	-	-	74	-2	124	23
2. ENGLAND, N.E.	49	13	-2·5	-2·2	-0·5	97	-1	133	21
3. ENGLAND, E.	53	7	-2·7	-2·2	-0·1	99	+2	92	15
4. MIDLAND COUNTIES ..	53	7	-2·4	-2·0	-0·3	116	+1	117	19
5. ENGLAND, S.E.	55	17	-1·9	-1·8	0·0	105	+1	92	17
Western.									
6. SCOTLAND, W. (*and I. of Man*)	50	10	-4·2	-2·6	-0·7	63	-3	166	24
7. ENGLAND, N.W. (*and N. Wales*)	53	8	-3·4	-1·8	-0·4	85	-1	121	19
8. ENGLAND, S.W. (*and S. Wales*)	54	14	-2·1	-2·5	-0·5	96	-1	126	24
9. IRELAND, N...	51	12	-3·7	-2·9	-1·8	69	-3	138	22
10. IRELAND, S. ..	53	15	-3·4	-3·5	-1·7	62	-3	119	21
11. CHANNEL I. (*and Scilly*)	54	32	-1·1	-2·1	-0·8	155	0	94	19
Mean : DISTRICTS 1—10	55	4	-2·9	-2·4	-0·7	87	-1	123	21

TABLE II.—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND.— DECEMBER, 1935 [1914.]

DISTRICT AND STATION.	Height.			Distribution of Wind.‡‡								Extreme Velocities.								
				More than 38 mi/hr.		25 to 38 mi/hr.		3 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.		
					hr.		hr.	hr.	hr.	hr.	hr.	°	mi/hr.	m/s.	day.	hr.	mi/hr.	m/s.	d.	h. m.
0. SCOTLAND, N.	ft.	ft.	ft.																	
Shetland. ‡Lerwick	310	53	39	14,15	13	10	100	329	254	48	0	180	43	19	15	02	60	27	15	01 10
Orkney. Kirkwall	170	40	35	-	0	7	48	228	384	84	0	100	36	16	26	22	59	26	2	13 20
Hebrides. Stornoway	—	—	—																	
1. SCOTLAND, E.																				
Aberdeen. Aberdeen	70	42	32	-	0	6	36	157	440	111	0	310	34	15	2	23	61	27	2	20 15
Kincardine. Balmakewan ..	140	25	20	-	0	0	0	18	(376)	(350)	0	360	19	9	22	17	38	17	2	18 50
Angus. Bell Rock Lighthouse	130	—	126	2,24	9	16	135	351	217	32	0	130	44	20	24	18	58	26	24	17 30
Edinburgh. Edinburgh	485	39	23	-	0	0	0	127	421	196	0	260	22	10	3	09	36	16	1	08 55
6a. SCOTLAND, W.																				
Argyll. Tiree	75	50	42	-	0	10	94	209	336	105	0	280	37	17	1	07	58	26	2	15 50
Renfrew. Paisley	188	81	31	-	0	0	0	44	408	292	0	300	23	10	2	15	50	22	2	20 45
Renfrew. Abbotsinch ..	65	46	33	-	0	1	2	70	324	348	0	290	26	12	2	18	54	24	2	15 50
Dumfries. Eskdalemuir ..	825	50	35	-	0	6	31	147	330	236	0	290	37	17	2	20	61	27	2	20 55
2. ENGLAND, N.E.																				
Durham. South Shields ..	73	57	44	-	0	4	24	272	312	136	0	120	33	15	24	15	47	21	1	11 25
Yorks., N.R. Catterick	220	45	33	-	0	1	1	69	366	308	0	270	25	11	1	16	50	22	1	15 50
Yorks., E.R. Spurn Head ..	64	42	34	1	2	12	107	434	176	17	8	300	41	18	1	21	62	28	1	20 10
Lincoln. Cranwell	284	43	33	-	0	1	6	277	393	68	0	260	28	13	1	21	51	23	1	02 40
3. ENGLAND, E.																				
Norfolk. Gorleston	52	42	34	-	0	7	76	260	371	37	0	30	37	17	10	22	53	24	10	21 50
Suffolk. Felixstowe Aero. ..	65	50	40	-	0	8	40	311	336	57	0	40	31	14	10	23	56	25	1	16 20
Bedford. Cardington ..	285	150	135	-	0	11	63	330	278	73	0	160	34	15	30	01	62	28	30	07 15
Essex. Shoeburyness ..	115	104	89	-	0	12	97	335	280	32	0	180	38	17	30	02	56	25	16	11 45
4. MIDLAND COUNTIES.																				
Warwick. Birmingham ..	643	118	73	-	0	2	4	290	401	49	0	270	27	12	16	09	52	23	1	14 45
5. ENGLAND, S.E.																				
London. South Kensington..	137	110	30	-	0	0	0	128	544	72	0	270	21	9	16	13	53	24	16	12 00
Surrey. Kew Observatory ..	92	75	50	-	0	2	6	204	393	141	0	35	27	12	10	13	50	22	16	11 35
Surrey. Croydon	313	105	70	-	0	8	28	320	303	93	0	260	32	14	16	13	53	24	16	11 30
Kent. Dover	66	66	60	10,11	3	14	119	320	298	4	0	-	39	17	11	01	56	25	30	01 50
Kent. Lympne	418	76	48	-	0	5	52	309	351	32	0	40	38	17	10	22	60	27	10	21 00
Hampshire. Calshot	58	50	42	29	1	9	45	307	280	111	0	170	41	18	29	24	58	26	29	23 10
Wiltshire. Boscombe Down ..	462	45	33	-	0	6	29	214	336	165	0	170	34	15	29	23	58	26	1	05 10
Wiltshire. Larkhill	491	51	36	10	2	8	56	304	303	79	0	40	39	17	10	22	60	27	10	21 50
7a. ENGLAND, N.W.																				
Lancashire. Fleetwood	112	50	31	1,2,15	18	7	74	159	372	121	0	300	51	23	1	18	76	34	1	17 55
Lancashire. Manchester (Barton)	153	83	80	1	2	9	54	205	267	203	13	290	43	19	1	19	67	30	1	18 40
Lancashire. Southport	60	42	33	1,15,16	10	7	78	167	403	86	0	290	48	21	1	19	70	31	1	17 50
Cheshire. Bidston Obs'y. ..	262	64	39	1,15,16	13	6	55	191	315	128	42	280	49	22	1	19	80	36	1	18 30
7b. NORTH WALES.																				
Anglesey. Holyhead	68	43	38	1,2,15,16	22	11	112	265	240	105	0	280	48	21	1	17	71	32	1	15 50
Flint. Sealand	81	65	42	-	0	4	29	152	344	219	0	280	38	17	16	07	66	29	16	06 20
8a. SOUTH WALES.																				
Pembroke. St. Ann's Head ..	—	—	—																	
8b. ENGLAND, S.W.																				
Devon. Plymouth	185	88	65	29,30	7	9	63	293	290	78	13	-	46	21	30	12	60	27	30	02 45
Cornwall. The Lizard	315	75	60	1,25,29, 30	28	22	198	313	172	33	0	250	48	21	30	15	84	38	2	01 15
Cornwall. Pendennis Castle ..	256	65	42	25,29,30,31	16	17	147	296	228	59	0	200	48	21	29	19	71	32	30	14 30
9. IRELAND, N.																				
Donegal. Dunfanaghy Road	180	47	30	-	0	6	40	127	159	418	0	-	38	17	1	13	66	29	1	12 55
Antrim. Aldergrove	282	40	20	-	0	1	1	142	361	240	0	250	25	11	1	15	63	28	16	04 25
10. IRELAND, S.																				
Dublin. Kingstown (Cup Anr.)	49	27	27	24	2	18	155	319	234	34	0	120	40	18	24	07	-	-	-	- -
Clare. Quilty	100	40	32	-	0	11	116	263	233	132	0	-	37	17	1	16	62	28	1	14 50
Kerry. Valentia Observatory	98	41	33	-	0	9	53	293	283	115	0	100	32	15	24	06	73	33	1	18 55
Cork. Cork	132	71	40	-	0	0	0	58	339	251	96	-	17	8	1	13	47	21	1	12 40
11. SCILLY ISLES. St. Mary's	230	65	57	1,2,5,6) 29,30)	53	22	210	311	135	35	0	270	52	23	1	07	72	32	1	07 45

‡‡ Brackets ( ) indicate that the distribution as between winds above and below 4 m.p.h. is doubtful, but the total number of hours with winds below 12 m.p.h. is reliable.

‡ Data inaccurate prior to October, 1929 (*see* 1933 Annual Summary, Wind Section).

MONTHLY WEATHER CHARTS, DECEMBER, 1935.

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

The dotted lines indicate the normal distribution of pressure in December, based on 35 years' observations, 1881–1915.

1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014

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

2. MOVEMENTS OF DEPRESSIONS.

A B C D E F G H K L M N O P Q R S T

SCALE 1:25,000,000.

Positions of centres are shown 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. 46° 43° 40° 37° 34°

39° 40° 41° 42° 43° 44° 45° 46° 48° 49°

Sea temperatures are shewn in large figures, thus: 45°

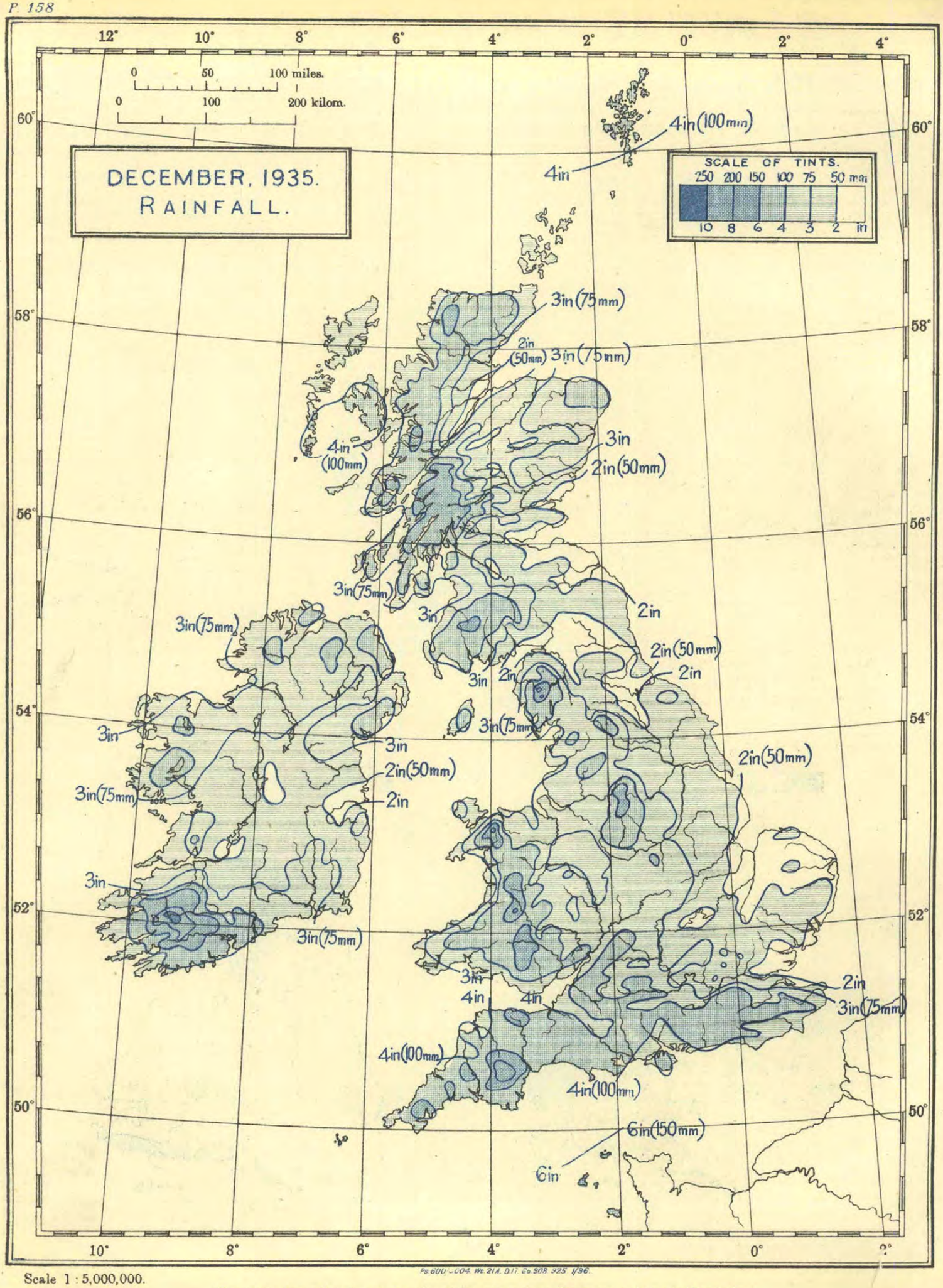
4. BRIGHT SUNSHINE, HOURS PER DAY.

SCALE OF TINTS. Hrs. 2·0 1·5 1·0 0·5

0·5 1·0 1·5 2·0

H.M. Stationery Office Press, Kingsway W.C.2.

* The pressure is expressed in millibars.



Ps.600/1004. We.21A. D.17. Co.908. 325. 11/36.

Scale 1 : 5,000,000.

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

TABLE III.—SUMMARY of the RECORDS of TEMPERATURE, RAINFALL and SUNSHINE, and of WEATHER OBSERVATIONS, DECEMBER, 1935

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. in.	mm.	Difference from Average. mm.	Most in a day. Amount. mm.	Date.	WEATHER. Number of days. Precip'n. 0·2 mm. or more.	1 mm. or more.	Snow.	Snow lying.	Hail.	Thunderstorm.	Fog (Morn'g Obs.)	Ground Frost.	Gale.	BRIGHT SUNSHINE. Hours per day. Daily Mean. hr.	Difference from Average. hr.	Per Cent.
		G.M.T.	ft.	°F.	°F.	°F.	°F.	°F.		°F.		°F.	°F.	in.	mm.	mm.	mm.													
0. SCOTLAND, N.																														
Shetland.	Baltasound ..	9 9 9	31	42·5	34·9	38·7	-1·2	47	26,27	28	8,16	39·5	–	6·07	154	+19	22	1	31	27	5	0	13	1	0	–	4	0·34	-0·02	6
	Lerwick .. ¶§	18-7 7	156	42·2	37·3	39·7	-1·4	48	27	31	22	–	–	5·04	128	–	23	1	24	20	8	3	9	0	0	–	4	0·73	+0·33	13
Orkney.	Deerness	2121 9	160	42·2	36·2	39·2	-1·3	46	26,27,31	31	24	–	–	3·94	100	– 6	11	26	26	20	17	0	3	0	0	–	–	1·21	+0·58	19
	Kirkwall .. ¶§	9 9 9	113	42·1	35·4	38·7	-1·3	46	7,8,27	30	24	38·9	–	4·35	111	+ 1	13	26	24	20	3	0	1	0	0	13	1	1·18	+0·46	19
Hebrides.	Skallary	101010	30	45·1	38·1	41·6	–	49	6,27,31	31	23	–	–	4·17	106	–	16	15	23	19	5	0	4	0	–	–	–	–	–	–
	Stornoway(C.G.) ¶§	18-7 7	80	41·6	36·3	38·9	-2·2	48	27	30	23,24	–	–	2·77	70	–	7	2	23	19	5	1	8	0	1	–	1	1·73	+1·03	27
	Stornoway ..	– – 9	30	–	–	–	–	–	–	–	–	–	–	3·58	91	-68	9	2	24	18	–	–	–	–	–	–	–	–	–	–
Skye.	Duntulm ..	9 9 9	294	42·6	35·1	38·9	–	47	25,26	30	23,24	–	–	2·58	65	–	10	5	24	17	6	0	6	0	0	–	0	1·25	–	19
Caithness.	Wick	18-7 7	81	41·7	33·4	37·5	-2·8	47	26,27	22	24	–	–	3·08	78	0	13	17	20	17	7	1	4	0	0	–	3	–	–	–
Ross & Cromarty.	Achnashellach ..	9 9 9	225	39·6	27·0	33·3	–	51	3	18	16	–	–	3·97	101	-154	11	3	17	17	6	17	0	0	0	27	–	–	–	–
	Fortrose	9 9 9	69	39·8	32·0	35·9	-3·4	47	27,28	23	24	–	–	1·57	40	–	14	2	16	8	4	4	0	0	1	–	0	1·40	+0·30	21
Inverness.	Dalwhinnie ..	18-7 7	1176	35·8	28·3	32·1	–	42	2,27	9	23	–	–	2·30	58	–	11	26	16	12	11	27	0	0	1	27	0	0·57	–	8S
	Ft. Augustus ¶	9 9 9	68	38·6	28·2	33·4	-5·1	48	25,26,28	15	24	–	–	1·55	39	-109	12	1	16	9	3	(11)	0	0	1	–	–	0·59	–	9S
	Ft. William ..	9 9 9	34	40·6	30·1	35·3	-4·3	48	27,28,30	18	24	36·0	43·0	4·60	117	-138	18	26	17	15	5	2	0	0	1	(21)	0	(0·22)	–	3S
	Inverness ¶§	9 9 9	242	38·9	31·3	35·1	-3·9	47	26	20	24	–	–	1·63	41	-25	18	2	14	9	10	2	0	0	2	19	0	0·95	-0·15	14
1. SCOTLAND, E.																														
Nairn.	Nairn .. ¶§	9 9 9	20	40·1	30·4	35·3	-3·6	49	27	19	24	–	–	1·63	41	-15	12	2	20	9	7	0	0	0	1	–	0	1·33	+0·18	20
Moray.	Forres	9 9 9	155	39·9	30·6	35·3	–	49	27	22	24	–	–	2·02	51	–	8	16,17	20	12	5	10	2	0	0	–	0	1·59	–	24
	Gordon Castle ..	2121 9	104	40·0	31·0	35·5	-3·3	48	27	20	24	–	–	2·61	66	– 2	11	17	20	13	5	0	0	0	–	–	–	0·99	-0·15	15S
Banff.	Banff	9 9 9	130	40·8	33·3	37·1	-1·6	46	26	23	24	–	–	3·07	78	+12	9	2	21	19	8	0	4	0	0	21	1	0·83	-0·17	13S
Aberdeen.	Aberdeen ¶§	242424	79	40·5	32·6	36·5	-2·9	46	27	20	24	36·2	40·9	3·19	81	– 1	15	20	19	15	7	2	4	0	1	19	0	1·48	+0·30	22
		18-7 –	—	39·9	32·8	36·3	-2·3																							
	Balmoral	9 9 9	927	36·2	26·2	31·2	-4·1	49	3	7	24	–	–	1·56	40	-46	10	26	21	12	7	26	0	0	–	29	0	–	–	–
	Braemar	2121 9	1111	36·8	24·7	30·7	-4·4	43	9,27	4	24	–	–	1·73	44	-46	11	25	19	11	6	26	0	0	1	24	1	(0·60)	–	9S
	Craibstone ..	9 9 9	300	39·2	31·9	35·5	–	45	25,26,27	17	24	36·8	40·7	3·94	100	+16	23	25	22	15	8	8	4	0	–	21	–	1·62	–	24
	Logie Coldstone ..	9 9 9	608	37·9	27·5	32·7	-3·5	45	27	12	24	–	–	2·21	56	-15	15	26	13	8	6	12	0	0	0	27	–	–	–	–
Kincardine.	Balmakewan ..	9 9 9	80	(39·9)	(29·7)	(34·8)	–	45	26	17	24	–	–	3·06	78	– 6	24	26	14	9	?0	0	0	0	1	–	0	–	–	–
	Stonehaven ..	9 9 9	12	42·9	32·4	37·7	–	47	27	21	24	–	–	2·75	70	–	14	25	17	11	3	1	0	0	1	–	–	1·83	–	27
Angus.	Arbroath	2121 9	93	41·9	31·8	36·9	-2·2	46	26,27	20	24	–	–	1·80	46	-19	14	26	14	8	1	0	0	0	2	24	0	1·88	–	27
	Carnoustie ..	9 9 9	39	41·4	32·9	37·1	-1·7	45	25,26,31	22	24	–	–	1·69	43	-25	15	26	15	8	1	0	0	0	–	–	0	1·59	+0·36	23S
	Dundee ¶§	9 9 9	147	40·4	31·4	35·9	-3·6	47	27	21	24	34·9	–	2·06	52	-12	17	26	10	10	2	0	0	0	–	24	0	1·83	+0·34	27
	Kettins	9 9 9	218	38·7	27·5	33·1	-4·2	45	26,27	12	24	33·9	–	2·85	72	-12	19	26	11	9	5	9	0	0	3	22	0	–	–	–
	Montrose	9 9 9	16	41·3	32·3	36·8	-3·1	46	26,27	22	24	–	–	2·13	54	–	17	26	12	10	2	0	2	0	0	–	0	1·91	+0·43	28
Perth.	Crieff	2121 9	478	39·8	30·5	35·1	-2·6	45	9	16	24	–	–	2·92	74	-40	16	26	13	13	7	11	0	0	–	0	0	–	–	–
	Perth	9 9 9	76	39·7	26·9	33·3	-4·6	46	26,27	12	24	–	–	2·25	57	-25	12	26	11	10	3	2	0	0	–	–	–	1·41	+0·25	20
Fife.	Cupar	9 9 9	210	39·8	30·5	35·1	-3·5	46	26	18	24	–	–	2·00	51	–	14	26	15	10	3	9	0	0	–	–	–	–	–	–
	Dunfermline ..	9 9 9	237	39·6	31·0	35·3	–	47	27	19	24	36·4	42·5	1·31	33	–	5	29	12	8	4	8	0	0	6	19	0	1·38	–	20
	Inchkeith ..	18-7 7	190	41·0	35·7	38·3	-2·9	47	27	27	23	–	–	1·13	29	-20	4	29	11	9	3	0	0	0	1	11	0	1·25	–	18
	Kirkcaldy ..	9 9 9	63	41·2	33·3	37·3	-2·6	47	26	19	24	–	–	1·88	48	–	8	29	17	9	1	3	0	0	–	–	–	–	–	–
	Leuchars ..	18-7 7	35	40·6	32·0	36·3	-2·7	47	27	18	24	–	–	1·91	49	-14	14	26	14	11	3	0	0	0	1	21	0	1·94	+0·41	28
	St. Andrews ..	9 9 9	13	40·9	32·0	36·5	-2·0	46	27	20	24	36·7	43·5	1·97	50	-16	16	26	13	9	3	0	0	0	1	18	–	2·00	+0·70	29
Mid Lothian.	Edinburgh—																													
	Blackford H. ¶§	2121 9	441	40·0	33·5	36·7	-2·8	46	27	23	24	–	–	1·13	29	-30	4	15	16	9	5	0	0	0	4	14	0	1·75	+0·38	25
	Boghall	9 9 9	639	39·1	31·5	35·3	–	48	29	20	23	35·6	41·0	1·26	32	–	5	14	13	11	5	11	3	0	2	18	–	1·77	–	25
	Liberton ..	9 9 9	190	40·4	32·3	36·3	–	46	26,31	18	24	–	–	1·14	29	–	4	31	14	9	(5)	0	0	0	–	–	–	–	–	–
	Univ. King's B.	9 9 9	225	40·3	32·6	36·5	–	46	26	21	24	36·3	43·0	1·18	30	–	4	31	15	9	–	–	–	–	–	–	–	–	–	–
E. Lothian.	Dunbar	9 9 9	75	41·6	34·1	37·9	–	47	26,27,31	24	24	–	–	1·33	34	–	7	26	15	11	6	0	0	0	1	13	0	1·70	–	24
	N. Berwick ..	9 9 9	118	42·0	32·9	37·5	–	47	27,30	26	24	–	–	1·51	38	-14	11	31	13	11	1	0	0	0	0	21	0	1·25	–	18
Berwick.	Marchmont ¶§	9 9 9	498	39·2	30·6	34·9	-2·6	43	8,9,28	20	24	–	–	1·60	46	-25	9	26	17	10	4	9	0	0	–	–	0	1·44	+0·33	20S
Peebles.	Peebles	9 9 9	629	39·4	28·1	33·7	–	48	26	8	23,24	–	–	1·67	47	–	10	26	9	9	6	12	0	0	0	21	0	1·17	–	17
	West Linton ..	9 9 9	820	37·3	27·8	32·5	-3·8	44	26,27	8	23	35·1	40·2	1·60	41	–	12	15	15	12	5	19	0	0	12	26	0	–	–	–
Roxburgh.	Kelso (Br'ml'ds) ..	9 9 9	193	39·7	30·2	34·9	-3·3	45	3,26,27	16	24	–	–	1·09	28	-31	7	26	16	10	2	1	0	0	10	–	0	–	–	–
	Wolfelee	9 9 9	537	37·7	28·5	33·1	-4·0	44	26,27,31	12	24	–	–	1·92	49	-57	18	1	14	13	7	21	0	0	1	–	0	–	–	–
6d. SCOTLAND, W.																														
Argyll.	Ardtornish ..	2121 9	48	40·5	29·6	35·1	-5·3	46	27	19	23,24	–	–	6·98	177	–	21	14	23	22	5	18	10	0	–	23	–	–	–	–
	Colonsay	9 9 9	100	43·9	34·2	39·1	–	48	4,8	25	20,23	–	–	4·70	119	–	14	14	22	20	0	0	3	0	–	–	–	–	–	–
	Dunoon	9 9 9	46	42·0	31·4	36·7	–	48	6	18	24	35·5	40·5	7·39	188	–	27	1	21	18	6	1	4	0	0	20	–	1·05	–	15S
	Glenbranter ..	9 9 9	188	40·3	28·4	34·3	–	45	24,27	14	23	–	–	6·16	157	–	16	26	17	17	4	4	0	0	1	–	0	–	–	–
	Oban	9 9 9	229	40·0	31·1	35·5	-5·6	47	1	24	24	–	–	5·40	137	–	21	14	19	17	10	0	1	0	0	21	0	2·01	+1·11	29
	Tiree	18-7 7	22	43·9	37·3	40·6	–	48	8,9	29	23	–	–	3·74	95	-38	11	15	20	18	6	0	9	0	0	7	2	1·75	–	26
Bute.	Rothesay ¶§	2121 9	200	41·3	35·0	38·1	-2·8	46	27,28	27	23	36·9	43·2	4·04	103	-35	23	14	22	17	7	7	6	2	1	22	0	1·57	+0·49	22
Dumbarton.	Cardross	9 9 9	130	41·5	31·4	36·5	-2·5	48	9	19	24	–	–	3·65	93	–	13	14	18	15	2	0	0	0	0	–	0	1·23	+0·30	18S
	Helensburgh ..	9 9 9	293	40·3	30·9	35·6	-3·3	47	9	20	23	–	–	4·66	123	-42	17	14	22	16	(8)	0	0	0	3	–	0	1·32	+0·33	19
Stirling.	Stirling	9 9 9	151	39·6	32·3	35·9	-3·6	45	31	18	24	35·4	46·1	2·78	71	–	10	31	14	13	3	9	0	0	5	27	0	1·03	+0·09	15S
Renfrew.	Greenock ..	9 9 9	199	40·8	34·0	37·4	-2·7	47	27,31	24	24	–	–	4·37	111	-89	24	14	21	15	5	0	2	0	12	13	0	–	–	–
	Paisley	2121 9	106	40·2	32·1	36·1	-3·9	46	27,28,31	16	23	37·1	45·1	3·20	81	-47	12	14	18	15	4	0	0	0	3	22	–	1·07	+0·20	15S
	Renfrew (Abbotsinch) ¶§	18-7 7	19	39·2	29·9	34·5	-5·0	46	9,26,31	12	23	–	–	3·20	81	-32	9	24	19	16	5	1	3	0	5	19	0	1·26	+0·27	18
Lanark.	Dungavel ..	9 9 9	798	37·2	29·3	33·3	-3·8	44	26,30	18	23	–	–	3·00	76	–	13	14	20	16	4	11	2	0	5	24	–	–	–	–
	Glasgow	9 9 9	85	39·9	32·1	36·0	-3·9	46	26,27,31	18	23	–	42·3	2·57	65	-40	10	14	19	14	6	2	1	0	24	–	–	–	–	–
	Thorntonhall ..	9 9 9	440	38·4	28·7	33·5	-4·4	47	30	14	23	–	–	2·74	70	–	12	14	21	14	3	12	4	0	–	23	0	1·45	+0·58	21
Ayr.	Auchincruive ..	9 9 9	89	40·3	28·6	34·5	–	47	31	17	23	37·9	44·3	2·98	76	–	13	14	20	15	5	0	3	1	1	22	–	1·81	–	26
	Colmonell ..	9 9 9	170	42·4	31·0	36·7	-4·6	49	27	19	20	–	–	3·76	95	-47	16	14	17	15	3	1	7	2	0	15	–	–	–	–
	Troon	9 9 9	15	42·5	33·0	37·7	–	50	27	20	23	–	–	2·91	74	–	15	14	17	15	3	0	6	0	8	14	0	1·71	–	24
	Turnberry ..	9 9 9	30	43·0	35·7	39·3	-2·4	48	31	27	23	–	–	1·89	43	–	8	7	15	10	3	0	2	0	0	12	0	2·17	+1·21	30
Dumfries.	Dumfries .. ¶§	2121 9	140	40·3	31·5	35·9	-3·4	46	27,30	17	23	37·5	43·3	2·63	67	-35	13	25	14	11	7	2	0	0	7	22	0	1·62	+0·51	23
	Eskdalemuir ¶§	242424	794	37·2	27·7	32·5	-4·2	44	27,30	10	23	38·3	45·0	2·94	75	-103	15	1	19	13	11	18	2	0	2	21	2	1·93	+0·90	27
		18-7 –	—	37·1	28·8	32·9	-3·9																							
	Ruthwell	2121 9	67	39·9	29·1	34·5	-4·6	46	30	14	23	–	–	1·87	47	–	8	1	16	10	3	0	0	0	–	–	0	0·70	-0·34	10S
	Thornhill	9 9 9	670	39·8	30·6	35·2	–	45	25,27,31	20	24	–	–	3·48	88	–	16	8	15	13	9	12	1	0	0	–	0	–	–	–

¶§ S *See* Notes on Tables on last page of this issue.

TABLE III (*continued*).—SUMMARY of the RECORDS of TEMPERATURE, RAINFALL and SUNSHINE, and of WEATHER OBSERVATIONS, DECEMBER, 1935

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. in.	mm.	Difference from Average. mm.	Most in a day. Amount. mm.	Date.	WEATHER. Number of days. Precip'n. 0·2 mm. or more.	1 mm. or more.	Snow.	Snow lying.	Hail.	Thunderstorm.	Fog (Morn'g Obs.)	Ground Frost.	Gale.	BRIGHT SUNSHINE. Hours per day. Daily Mean. hr.	Difference from Average. hr.	Per Cent.
6b. ISLE OF MAN.		G.M.T.	ft.	°F.	°F.	°F.	°F.	°F.		°F.		°F.	°F.	in.	mm.	mm.	mm.											hr.	hr.	%
Isle of Man.	Douglas	9 9 9	284	43·3	35·9	39·6	-2·7	49	31	28	23	-	-	5·08	129	+ 4	22	3,4	12	17	1	0	7	1	0	8	4	2·24	+0·86	30
	Point of Ayre ..	18–7 7	30	43·9	38·5	41·2	-	50	31	27	21	-	-	3·65	93	-	13	2	18	14	6	0	4	2	0	-	2	2·38	-	33
2. ENGLAND, N.E.																														
Northum-berland.	Berwick-on-T. ..	9 9 9	76	41·4	33·5	37·5	-	46	9,31	20	24	-	-	1·66	42	- 7	7	17	15	10	4	0	3	0	0	10	-	1·78	-	25
	Bellingham ..	9 9 9	849	37·6	29·1	33·3	-3·2	45	26	19	23,24	-	-	1·83	46	-46	7	26	17	12	9	16	0	0	1	-	-	-	-	-
	Cockle Park ¶§	2121 9	325	39·3	32·0	35·7	-2·7	45	10	21	24	35·3	40·5	2·26	57	-11	13	25	17	12	4	10	0	0	2	22	0	1·78	+0·33	25
	Tynemouth ..	18–7 7	108	40·9	35·7	38·3	-2·8	46	9,10,30	27	24	-	-	2·05	52	- 3	7	26	16	15	6	0	0	1	1	12	0	-	-	-
Durham.	Chopwellwood ..	9 9 9	446	39·3	31·9	35·6	-2·4	45	26,29,31	20	24	-	-	1·77	45	-24	7	24	16	13	4	3	0	0	2	15	-	1·43	-0·03	20
	Durham .. ¶§	2121 9	336	40·2	32·7	36·5	-1·9	46	30	18	24	-	-	1·78	45	- 7	9	24	17	13	6	2	0	0	4	13	0	1·75	+0·40	24
	Houghall	9 9 9	160	42·7	29·9	36·3	-	48	30	15	24	-	-	1·90	48	-	10	24	17	14	4	8	0	0	1	20	0	1·43	-	20
	Ushaw College ..	9 9 9	594	39·1	32·8	35·9	-2·1	45	30	23	24	-	-	2·22	56	- 7	10	24	20	13	7	11	0	0	6	-	-	-	-	-
Yorks., N. Riding.	Ampleforth ..	9 9 9	313	39·8	31·7	35·7	-2·8	47	31	22	7	-	-	3·39	86	-	20	15	17	14	5	4	0	0	8	24	-	1·42	-	19
	Castleton ..	9 9 9	450	40·0	30·4	35·2	-	46	30,31	17	24	37·5	-	2·80	71	-	15	27	18	13	4	11	0	0	1	21	-	-	-	-
	Catterick	18–7 7	175	39·3	32·7	36·3	-	47	31	19	24	-	-	1·61	41	-	7	24	17	10	5	2	0	0	3	15	0	1·92	-	26
	Scarborough †¶§	9 9 9	118	42·8	35·3	39·1	-1·6	47	30,31	29	7,8	-	42·2	2·48	63	+ 3	14	27	18	15	2	0	0	0	4	19	0	1·69	+0·59	23
	York .. ¶§	2121 9	57	40·7	32·9	36·8	-2·9	48	30	23	7	38·7	45·0	2·43	62	+ 5	16	27	14	13	4	10	0	0	-	-	0	1·60	+0·77	228
Yorks., E. Riding.	Hull	2121 9	8	40·8	34·9	37·9	-1·8	49	30	22	24	37·7	44·9	2·24	57	- 4	20	27	15	12	2	0	0	0	12	19	-	1·46	-	20
	Spurn Head ..	18–7 7	29	40·7	35·9	38·3	-2·4	47	1	30	7,23,24	-	-	2·32	59	+ 1	14	27	17	9	2	0	1	0	4	-	1	1·74	+0·31	23
Lincoln.	Cranwell .. ¶§	18–7 7	240	39·0	32·0	35·5	-3·3	49	31	13	24	36·1	42·2	2·25	57	+ 1	21	27	17	14	6	10	0	0	9	15	0	1·02	-0·56	13
	Cleethorpes ..	9 9 9	23	41·2	33·7	37·5	-	49	30	23	24	-	-	2·03	51	-	20	27	15	9	3	0	1	0	9	13	-	1·76	-	23
	Skegness ..	9 9 9	15	41·0	33·1	37·1	-2·4	47	30,31	21	23	-	-	2·22	56	0	15	27	19	12	3	0	0	0	4	15	-	1·73	+0·24	23
3. ENGLAND, E.																														
Norfolk.	Cromer	9 9 9	178	43·2	34·4	38·8	-1·6	51	28,30	26	24	-	-	1·78	45	-19	6	26	19	13	3	0	0	0	1	13	0	1·82	+0·37	24
	Hunstanton ..	9 9 9	105	42·2	34·6	38·4	-	52	28	22	23,24	-	-	1·63	41	-	9	26	18	11	2	0	0	0	3	-	-	1·62	-	21
	Norwich	9 9 9	110	41·4	32·7	37·1	-2·7	52	28	19	23	36·7	-	1·80	46	-	7	31	21	13	4	0	1	0	-	20	-	1·51	+0·15	20
	Sprowston ..	9 9 9	93	41·9	33·0	37·5	-	50	26,27,31	20	23	-	-	1·61	41	-	6	31	20	13	4	0	2	0	2	13	-	1·43	-	198
	Terrington ..	9 9 9	13	41·8	32·4	37·1	-	51	28	15	24	-	-	1·87	47	-	9	26	16	12	3	10	0	0	10	21	-	1·28	-	17
	Thetford (Lynford Nursery) ..	9 9 9	99	41·0	30·3	35·7	-	51	28	11	24	37·3	42·9	1·97	50	-	7	26	21	14	6	1	0	0	5	22	-	1·15	-	15
	Yarmouth ¶§	18–7 7	5	41·4	34·8	38·1	-2·5	51	28	25	7,23	39·7	47·7	1·93	49	-13	7	19	18	12	4	0	1	0	2	14	0	1·15	-0·22	15
Suffolk.	Bungay (Flix'n) ..	9 9 9	79	41·2	32·0	36·6	-2·5	53	28	17	24	-	-	1·90	48	-	7	31	15	15	4	0	0	1	1	21	-	-	-	-
	Copdock	9 9 9	164	41·6	33·1	37·3	-2·0	51	28	21	23,24	37·7	44·1	2·65	67	-	11	24	19	16	3	1	1	1	5	15	-	1·40	-0·19	18
	Felixstowe ..	18–7 7	15	41·3	35·2	38·3	-2·4	49	27,31	24	23	-	-	1·91	48	- 5	8	31	19	13	5	1	1	1	4	14	0	1·79	+0·17	23
	Hartest	9 9 9	250	41·1	32·4	36·7	-	51	28	20	23	-	-	2·39	61	-	8	24,26	17	15	5	0	0	1	3	19	-	0·98	-	13
	Lowestoft ..	9 9 9	82	41·2	33·4	37·3	-3·1	50	28	22	23,24	38·6	44·0	1·88	48	-11	9	26	17	11	7	0	4	0	2	21	0	1·77	+0·27	23
Cambridge.	Cambridge ¶§ (Bot. Gdns.)	2121 9	41	41·1	32·5	36·8	-2·9	51	27,30	18	24	38·1	44·3	1·73	44	- 5	6	24	17	11	0	0	1	1	4	19	0	0·81	-0·52	10
	(Univ. Farm) ..	9 9 9	78	41·9	32·7	37·3	-	52	28,30	17	24	-	-	1·80	46	-	7	24	18	14	2	0	1	1	6	15	0	1·10	-	14
Bedford.	Luton	9 9 9	381	40·9	32·5	36·7	-2·4	50	27,28,31	16	24	38·8	46·5	2·69	68	-	9	27	21	17	6	9	0	0	7	18	-	0·62	-0·64	11
	Woburn	9 9 9	291	41·5	32·7	37·1	-2·4	50	31	14	24	37·9	45·8	1·95	50	- 9	13	27	19	13	3	6	0	0	2	16	-	1·05	-0·16	13
Hertford.	Rickmansworth	9 9 9	192	42·2	27·4	34·8	-	51	28,27	7	24	37·2	44·0	3·86	98	-	14	27	23	19	10	8	1	0	14	25	0	1·53	-	208
	Rothamsted ¶§	9 9 9	420	40·9	32·2	36·5	-2·8	49	27,31	13	23	37·5	-	2·85	72	+ 1	9	26	19	15	5	5	1	0	3	16	0	1·53	+0·13	20
	St. Albans ..	9 9 9	272	42·3	32·1	37·2	-	51	27	13	23	38·2	-	2·74	69	+ 5	9	26	19	16	5	4	0	0	4	18	-	-	-	-
Essex.	Clacton-on-S. ¶§	9 9 9	53	41·5	33·9	37·7	-2·8	47	27,30	23	23	39·0	45·0	2·23	57	+ 9	11	24	20	15	3	0	0	1	3	17	-	1·44	-0·03	18
	Chelmsford ..	9 9 9	134	42·6	33·0	37·8	-2·3	52	28	18	23	-	-	2·08	53	- 4	11	31	19	13	1	3	0	0	-	-	-	-	-	-
	Chelmsford (Agr. St.)	9 9 9	193	42·3	32·2	37·3	-	53	27	17	23	-	-	1·63	41	-	7	24	14	12	1	4	0	0	-	-	-	1·21	-	15
	Earls Colne ..	9 9 9	168	42·7	33·3	38·0	-	52	28	20	23	-	-	2·47	63	-	10	24	18	15	3	2	0	0	-	-	-	-	-	-
	Halstead ..	9 9 9	140	42·1	32·6	37·3	-2·3	51	27,28	15	23	-	-	2·77	70	-	9	26	21	16	6	5	0	1	6	-	-	-	-	-
	Shoeburyness ‡ ..	18–7 7	11	42·3	35·2	38·7	-1·6	51	1	20	24	-	-	1·65	42	- 2	9	24	21	12	0	0	1	0	2	15	1	1·60	-0·08	20
4. MIDLAND COUNTIES.																														
Yorks., W. Riding.	Askham Bryan ..	9 9 9	90	40·2	31·2	35·7	-	47	30	20	24	-	-	2·30	58	-	17	27	12	11	3	0	1	0	3	18	0	1·98	-	27
	Bingley	9 9 9	610	39·3	30·9	35·1	-	47	30,31	19	23	-	-	3·50	89	-	15	15	20	17	7	11	0	1	5	18	-	-	-	-
	Bradford ..	9 9 9	439	40·1	31·6	35·9	-3·4	48	31	19	23,24	36·7	44·7	3·44	87	+ 2	18	15	20	15	-	-	-	-	7	20	-	0·89	+0·30	12
	Doncaster ..	9 9 9		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Giggleswick ..	9 9 9	575	39·7	30·2	34·9	-3·2	47	31	15	21,22	-	-	3·43	87	-	16	31	17	14	5	10	4	0	1	-	0	1·10	-	15
	Harrogate ¶§	9 9 9	478	39·9	32·6	36·3	-2·0	46	8,31	23	24	38·2	41·9	2·30	59	-17	10	24	15	12	6	11	1	0	7	16	0	1·56	+0·27	21
	Huddersfield ..	2121 9	325	40·7	32·2	36·5	-3·3	49	30,31	18	24	36·7	43·6	2·59	66	-16	15	1	19	14	7	10	1	2	11	16	-	0·66	-0·09	9
	,, (Oakes)	9 9 9	761	40·4	32·5	36·5	-	48	30,31	21	24	36·9	42·6	2·78	71	-22	15	1	21	17	5	11	2	1	9	16	0	-	-	-
	Meltham .. **	9 9 9	514	39·8	31·8	35·8	-3·2	48	30,31	18	24	36·9	38·5	3·56	90	-42	17	1	21	18	5	1	1	3	2	20	-	-	-	-
	Pontefract ..	9 9 9	255	40·3	32·7	36·5	-	48	31	17	24	-	-	2·47	63	+ 7	15	27	16	12	-	-	-	-	14	16	-	-	-	-
	Sheffield	9 9 9	428	41·2	33·7	37·5	-2·7	49	31	22	24	38·3	43·3	3·72	95	+ 9	14	27	17	16	-	-	-	-	-	16	-	1·05	+0·01	14
	Wakefield ..	9 9 9	124	41·0	32·3	36·7	-3·0	49	8	18	24	37·8	44·6	2·46	62	+ 1	11	27	21	15	7	3	4	2	11	17	-	0·77	0·00	108
Derby.	Belper (School) ..	9 9 9	222	41·4	30·5	35·9	-3·5	49	30,31	12	23,24	-	-	3·84	97	+15	22	27	19	17	7	9	0	0	-	-	-	-	-	-
	Belper (Q. Bk.) ..	9 9 9	280	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Buxton	9 9 9	1007	37·8	30·2	34·0	-2·9	47	29,30,31	8	23	36·8	41·1	5·93	151	+ 7	18	15	20	17	7	11	1	1	13	14	-	0·29	-0·42	48
Nottingham.	Attenborough ..	18 7 7	88	40·4	32·5	36·5	-	51	31	17	24	-	-	3·01	76	-	22	27	19	13	8	10	1	0	7	15	0	-	-	-
	Mansfield ..	9 9 9	357	40·1	32·3	36·2	-	49	31	16	24	-	-	3·50	89	-	23	27	17	15	6	11	1	0	11	-	-	-	-	-
	Nottingham ¶§	9 9 9	192	41·2	32·7	36·9	-2·7	50	31	19	23,24	36·7	42·0	3·03	77	-16	22	27	18	14	-	-	-	-	25	22	-	0·89	+0·07	12
	Sutton Bon'gton	9 9 9	157	41·2	30·5	35·9	-	51	31	16	24	38·0	-	3·11	79	+23	25	27	18	15	5	0	0	0	8	15	-	1·00	-	13
	Worksop ..	9 9 9	56	41·5	31·6	36·5	-2·8	49	30,31	16	24	36·5	42·9	2·61	66	+ 6	20	27	20	12	5	2	1	1	-	21	0	1·16	-	15

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

¶ § ‖ *See* Notes on Tables on last page of this issue.

** At Meltham the earth thermometers are at depths of 1 ft. and 2 ft.

‡ New Site from 4th April, 1935.]

TABLE III (*continued*).—SUMMARY of the RECORDS of TEMPERATURE, RAINFALL and SUNSHINE, and of WEATHER OBSERVATIONS, DECEMBER, 1935

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.		Difference from Average.	Most in a day. Amount.	Date.	WEATHER. Number of days. Precip'n. ≥2 mm. or more.	1 mm. or more.	Snow.	Snow lying.	Hail.	Thunderstorm.	Fog (Morn'g Obs.	Ground Frost.	Gale.	BRIGHT SUNSHINE. Hours per day. Daily Mean	Difference from Average.	Per Cent.
4. MID. COUNTIES—*cont.*		G.M.T.	ft.	°F.	°F.	°F.	°F.	°F.		°F.		°F.	°F.	in.	mm.	mm.	mm.												hr.	hr.	%
Leicester.	Belvoir Castle ..	2121 9	259	40·5	32·6	36·5	-2·6	49	31	24	17	38·1	46·9	2·82	72	+10	24	27	18	13	-	-	-	-	-	25	-	1·44	*+0·07*	19
North-ampton.	Oundle	9 9 9	147	41·1	32·3	36·7	*-2·7*	53	31	18	23,24	38·4	45·5	2·33	59	-	16	27	21	11	4	0	0	0	8	18	-	1·33	*-0·05*	17
	Raunds	9 9 9	213	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Roade	9 9 9	394	41·4	31·5	36·5	-	49	26,31	(16)	24	37·3	-	(2·06	52	-	15	27	17	13	4	6	0	0	1	16	→	-	-	-
Warwick.	Birmingham ¶§	18-7 7	535	40·4	34·3	37·3	*-2·2*	50	31	22	23,24	40·1	46·3	3·59	91	+23	22	27	21	16	7	7	1	0	3	12	0	1·23	+0·15	16
	,, Sparkhill	713 7	425	41·1	32·8	36·9	*-3·0*	50	31	18	24	-	-	3·72	94	+22	26	27	19	15	6	0	3	0	8	16	-	-	-	-
	Coventry	9 9 9	241	41·2	32·1	36·7	*-3·2*	51	31	15	24	39·5	44·8	3·43	87	+21	31	27	16	14	4	1	1	0	9	19	-	0·77	*-0·14*	10
	Rugby	2121 9	390	42·1	31·3	36·7	-	50	31	18	23	-	-	3·15	80	-	26	27	16	15	4	2	0	0	-	20	-	-	-	-
	Stratford-on-Avon	9 9 9	210	42·0	32·7	37·3	-	51	31	19	24	-	-	2·82	72	-	28	27	19	13	3	1	0	0	9	-	-	1·17	-	15
Oxford.	Oxford .. ¶§	9 9 9	208	42·2	33·5	37·9	-2·8	52	31	15	24	38·8	45·2	3·10	79	-16	19	27	21	15	3	6	2	1	5	15	0	1·58	+0·11	20
Bucks.	Mursley	9 9 9	490	41·2	31·8	36·5	-	49	26,30,31	17	23	38·5	-	1·96	50	-15	14	27	18	13	-	-	-	-	-	-	-	0·98	-	13
Stafford.	Mayfield	9 9 9	374	39·8	29·3	34·5	*-4·0*	49	31	7	24	-	-	4·86	123	+35	25	15	22	17	9	12	4	1	-	15	-	1·24	*+0·19*	68
Shropshire.	Newport	9 9 9	211	42·0	32·5	37·3	-	52	31	20	23	-	-	2·20	56	- 6	9	3	18	15	4	0	0	0	10	16	-	1·23	-	17
	Shrewsbury ..	9 9 9	184	42·4	31·9	37·1	*-4·0*	52	31	17	23	39·8	45·7	2·72	69	-	12	3	20	14	4	1	1	0	5	16	0	1·66	-	22
Worcester.	Malvern	9 9 9	380	41·8	34·5	38·1	*-2·2*	51	31	17	23	37·9	43·7	3·85	98	+28	19	27	21	15	3	1	2	0	6	16	-	2·11	*+0·48*	27
	Worcester (Perdiswell)	9 9 9	94	42·9	33·1	38·0	-	53	31	18	23,24	-	-	3·13	79	-	21	27	17	14	3	0	0	0	-	16	-	1·62	-	21
Hereford.	Bromyard ..	9 9 9	393	42·2	32·2	37·2	*-2·5*	50	31	16	23,24	38·3	45·0	3·08	78	-	12	26	19	15	2	0	0	0	6	18	-	-	-	-
	Hereford ..	9 9 9	292	43·0	32·8	37·9	*-2·0*	50	31	16	23	-	-	3·93	100	+25	14	26,31	19	18	4	5	0	0	1	15	0	-	-	-
	Ross-on-Wye ¶§	18-7 7	223	42·3	35·3	38·8	*-2·3*	51	27,31	18	21,23	39·7	45·5	3·46	88	+13	19	27	19	15	3	5	1	0	2	13	0	2·04	*+0·50*	26
Gloucester.	Bristol (Horfield)	18-7 7	206	42·7	35·4	39·1	-	51	25,26,31	19	23	41·1	46·0	4·27	108	-	34	27	21	16	5	5	2	0	4	11	0	-	-	-
	Cheltenham ..	2121 9	214	42·1	33·4	37·7	*-3·0*	52	31	20	21,24	39·8	45·4	4·08	104	+35	34	27	22	17	4	2	1	0	6	19	0	1·24	*-0·09*	16
	Cirencester ..	9 9 9	443	41·5	31·8	36·7	*-2·7*	50	31	13	24	-	-	4·09	104	-	22	26	20	15	4	3	2	0	2	20	-	1·84	-	24
	Parkend	9 9 9	325	42·4	32·5	37·5	-	50	31	14	21,23	39·5	44·7	4·42	112	-	26	26	18	13	3	5	0	0	2	21	-	1·78	-	23
5. ENGLAND, S.E.																														
London.	City, Bunhill Row..	—	—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0·40	+0·09	5
	Camden Square ..	9 9 9	110	43·0	35·8	39·4	-1·7	52	27	25	23,24	40·4	46·9	2·63	67	+ 6	9	31	19	15	1	0	0	0	-	17	-	-	-	-
	East Ham ..	9 9 9	15	43·6	35·5	39·5	*-1·8*	53	28	23	24	-	-	2·19	56	+ 1	10	30	19	15	-	-	-	-	-	-	-	-	-	-
	Enfield	9 9 9	148	42·4	33·5	37·9	*-2·4*	51	27,28,31	19	23	-	44·4	2·82	72	+10	9	31	20	15	5	1	0	1	8	15	-	1·07	-	14
	*g*Greenwich ..	2424 9	149	42·5	35·0	38·7	-2·1	52	28	20	23	41·4	45·9	2·53	64	+ 7	12	30	20	15	2	0	0	0	9	15	0	0·57	-0·43	7
		21-9 -	—	42·2	35·6	38·9																								
	Hampstead ..	9 9 9	450	41·7	32·7	37·2	*-2·6*	50	27,28	21	23	-	-	2·93	75	-	10	31	23	15	9	1	0	0	-	25	-	0·85	*-0·33*	11
	Kensington ..	18-9 9	80	42·8	36·3	39·5	*-1·8*	52	26,27,28	26	21,23,25	41·3	46·6	2·59	66	+ 6	9	31	19	15	2	0	0	0	11	18	0	0·57	-	7
	Kingsway ..	—	—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0·50	-	6
	Regent's Park ..	9 9 9	129	43·8	35·6	39·7	-	53	27	24	24	-	-	2·57	65	-	8	31	17	15	2	0	0	0	9	12	-	0·54	*-0·19*	7
	Kew ¶§	242424	18	43·0	35·8	39·4	-2·0	51	27	25	23	39·2	46·0	2·15	55	- 3	8	28	21	13	3	0	0	0	3	17	0	1·09	-0·11	14
	Observatory ..	18-7 -	—	42·8	36·4	39·6	*-1·7*																							
	Stroud Green ..	18 7 7	212	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Tottenham ††¶§	2121 9	51	43·2	36·0	39·6	*-2·5*	52	27,28	22	23	-	47·9	2·41	61	+ 4	9	30	19	14	2	0	1	0	-	11	-	0·76	*+0·05*	108
	Westminster ..	9 9 9	27	44·3	36·1	40·2	*-2·1*	53	27	24	23	-	-	2·32	59	+ 5	9	30	19	14	1	0	0	0	-	17	-	0·48	-0·16	6
Surrey.	Addington ..	9 9 9	472	41·9	34·0	37·9	-1·9	50	27	22	23	-	-	4·06	103	-	18	30	20	15	0	0	0	0	5	-	-	-	-	-
	Croydon ..	18-7 7	217	42·7	36·5	39·6	*-1·1*	52	27	20	24	-	-	4·11	104	+35	20	30	20	14	2	0	0	0	2	12	0	0·98	*-0·37*	12
	Wisley	9 9 9	150	43·3	35·0	39·1	*-1·9*	51	26,27,31	23	23	40·7	45·8	2·80	71	-	11	28,30	21	15	3	0	0	0	6	20	3	1·16	*-0·14*	158
Kent.	Biggin Hill ..	18-7 7	567	41·2	35·4	38·3	*-1·0*	50	27,28	21	23	-	-	3·95	100	+14	21	31	20	14	6	0	0	0	4	13	0	1·39	*-0·08*	18
	Bromley	9 9 9	213	43·3	34·8	39·1	-	51	26,27,28	19	24	-	-	2·97	75	+13	13	30	17	15	1	0	0	0	7	16	-	-	-	-
	Canterbury ..	9 9 9	124	43·6	34·9	39·3	*-1·6*	52	28	17	24	42·4	46·4	3·17	81	-	13	31	22	15	-	-	-	-	-	16	-	-	-	-
	Dover	9 9 9	22	44·5	37·0	40·7	*-1·2*	52	27	27	21	41·3	47·7	3·07	78	-	11	29	20	17	1	0	4	0	3	6	2	1·67	*+0·05*	21
	Dungeness ..	18-7 7	20	45·5	34·3	39·9	*-2·1*	55	28	19	23	-	-	3·46	88	+18	12	24	19	15	1	0	1	0	1	-	2	-	-	-
	East Malling ..	9 9 9	132	43·1	33·8	38·5	-	52	28	17	24	-	-	3·11	79	-	10	10	20	16	0	0	0	0	5	18	0	1·00	-	13
	Folkestone ..	9 9 9	101	43·8	36·1	39·9	*-1·8*	50	25,28,30	28	21	-	47·9	3·31	84	-	13	29	19	16	0	0	3	0	1	13	-	1·33	*-0·35*	17
	Goudhurst ..	9 9 9	290	42·8	33·8	38·3	-	51	25,27,28	20	23,24	-	-	4·50	114	-	19	31	22	15	3	0	1	0	4	17	-	-	-	-
	Lympne	18-7 7	346	41·7	34·7	38·2	*-1·5*	49	27,28	23	21	-	44·7	3·38	86	+ 4	15	24	20	14	5	0	1	0	4	19	0	1·42	*-0·47*	18
	Manston	18-7 7	142	43·0	35·4	39·2	-	52	28	21	24	-	-	1·82	46	-	6	24	19	14	3	0	0	0	2	17	1	1·23	-	16
	Margate .. ¶§	9 9 9	51	44·1	37·0	40·5	*-1·6*	52	27,28	28	24	41·0	45·7	1·79	45	-12	6	24	19	13	1	0	0	0	1	12	1	0·92	-0·51	12
	Tunbridge W. ..	9 9 9	355	42·6	32·9	37·7	*-2·2*	51	28	18	23,24	39·7	45·0	3·87	98	-	17	31	19	15	1	0	0	0	5	19	0	1·48	+0·09	19
	Wye	9 9 9	164	43·1	33·7	38·4	-	54	29	20	24	-	-	4·19	106	-	17	25	22	18	1	0	0	0	-	16	0	1·06	-	14
Sussex.	Ardingly ..	9 9 9	437	42·2	33·7	37·9	*-1·1*	50	28	23	21,22	-	-	5·39	137	-	31	31	21	14	1	0	0	0	-	19	-	-	-	-
	Beachy Head ..	18-7 7	502	45·8	33·9	39·9	-	54	28	25	19,23	-	-	3·85	98	-	13	31	19	17	1	0	2	0	0	-	-	-	-	-
	Brighton ..	9 9 9	32	44·8	37·2	41·0	*-1·5*	51	27	26	21	-	46·9	4·03	102	-23	23	4	18	13	1	0	0	0	4	15	1	1·67	+0·08	21
	Eastbourne ..	2121 9	35	44·6	36·6	40·6	*-2·5*	53	1	26	21	42·4	47·8	3·73	95	+ 6	11	25	19	16	1	0	1	0	1	11	-	1·82	+0·15	23
	Hastings ‡ ¶§	2121 9	149	44·3	36·4	40·3	*-1·8*	52	1	28	21,23	40·2	47·5	3·69	94	+16	12	24	19	17	0	0	0	0	0	15	1	1·94	+0·19	24
Berkshire.	Ascot H'therw'd	2121 9	320	42·2	33·9	38·1	-	50	26,28,31	20	23	-	-	2·71	69	-	10	30	22	14	3	0	0	0	4	19	-	1·37	-	17
	Reading	9 9 9	152	43·7	34·7	39·2	*-1·3*	52	27	20	24	39·8	46·0	2·69	68	-	11	29	19	13	3	0	1	0	-	18	0	-	-	-
	Shinfield	9 9 9	200	43·2	33·2	38·2	*-1·7*	51	26	19	23	-	-	2·34	59	-	9	30	15	11	3	0	0	0	-	-	-	-	-	-
	Warfield	9 9 9	220	43·0	32·7	37·9	-	52	27,28,31	17	24	39·4	-	3·00	76	-	12	26	20	13	1	0	0	0	10	20	-	0·77	-	10
Hampshire.	Bournemouth ..	9 9 9	139	44·5	36·1	40·3	*-1·8*	51	27,28,31	21	21	41·6	45·0	4·68	119	+20	23	26	17	15	0	0	0	0	10	-	-	2·26	*+0·35*	28
	Calshot	18-7 7	8	44·2	37·1	40·7	*-1·8*	51	26,27	23	21	-	-	3·07	78	+ 4	12	27	16	14	0	0	1	0	1	13	2	1·69	*-0·24*	21
	Long Sutton ..	9 9 9	479	42·3	33·8	38·1	-	51	26	21	24	40·3	-	3·83	97	-	19	30	18	14	3	1	0	0	6	17	-	1·37	-	17
	Southamp'n ¶§	2121 9	64	44·4	36·3	40·3	-1·8	52	1,26	22	21	-	-	3·92	99	+ 6	12	30	17	13	0	0	0	0	7	16	0	1·34	-0·20	17
	S. Farnboro' ..	18-7 7	237	43·0	34·6	38·9	*-1·0*	52	26	18	23	-	-	3·05	77	+ 3	11	31	20	14	5	0	0	0	4	17	0	1·45	*-0·04*	18

†† Tottenham is used as a "district value" station for England, E., and not for England, S.E.

g Temperature from thermometers on a Glaisher stand. ¶§ See Notes on Tables on last page of this issue. ‡ New Site from August 1st, 1935.

TABLE III (*continued*).—SUMMARY of the RECORDS of TEMPERATURE, RAINFALL and SUNSHINE, and of WEATHER OBSERVATIONS, DECEMBER, 1935

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. in.	mm.	Difference from Average.	Most in a day. Amount.	Date.	WEATHER. Number of days. Precip'n. 0·2 mm. or more.	1 mm. or more.	Snow.	Snow lying.	Hail.	Thunderstorm.	Fog (Morn'g Obs.)	Ground Frost.	Gale.	BRIGHT SUNSHINE. Hours per day. Daily Mean.	Difference from Average.	Per Cent.
5. ENGLAND, S.E.—*cont.*		G.M.T.	ft.	°F.	°F.	°F.	°F.	°F.		°F.		°F.	°F.	in.	mm.	mm.	mm.											hr.	hr.	%
I. of Wight.	Newport	9 9 9	48	44·5	35·2	39·9	–	51	26,27,31	21	23	–	–	4·32	110	–	16	30	19	14	0	0	0	0	2	17	–	–	–	–
	Ryde	9 9 9	13	45·0	37·9	41·5	*-1·6*	52	26	28	21,22,23	–	–	3·58	91	–	15	30	17	12	0	0	1	0	0	–	0	1·61	*-0·02*	20
	Sandown ..	9 9 9	13	44·4	37·7	41·1	*-2·6*	51	26,27,31	25	21	–	–	3·86	98	–	22	30	17	15	0	0	0	0	0	–	–	1·76	*-0·05*	22
	Totland Bay ..	9 9 9	140	44·8	37·5	41·1	-2·0	51	26	25	21,22	–	–	3·33	85	+ 3	12	26	16	13	0	0	0	0	2	11	3	1·92	*+0·13*	24
	Ventnor (Hospital)	9 9 9	59	45·9	38·4	42·1	-2·0	52	27	28	21	–	–	4·47	113	+29	22	30	18	17	0	0	0	0	–	–	1	2·05	+0·29	26
Wilts.	Amesbury (Boscombe Down)	18–7 7	417	41·7	34·4	38·1	–	50	26,31	21	21,23	–	–	4·36	111	–	19	26	17	14	3	0	1	0	3	16	0	1·71	–	22
	Larkhill	9 9 9	440	42·1	33·4	37·7	*-1·8*	50	26,27,31	19	21	–	–	4·24	108	+33	22	26	16	13	3	0	0	0	2	16	2	–	–	–
	Marlboro' ¶§	9 9 9	424	42·3	32·5	37·4	-2·1	51	31	18	21,22	40·0	46·7	4·47	114	+25	24	27	19	12	4	(6)	0	0	3	18	1	1·27	+0·12	16
	Porton	9 9 9	363	42·4	32·8	37·6	*-1·7*	50	26,31	18	21	39·6	–	4·43	113	+33	21	26	16	15	2	0	1	0	2	18	0	1·85	–	23
7a. ENGLAND, N.W.																													
Cumberland.	Keswick	9 9 9	254	42·1	30·5	36·3	*-4·3*	49	29	17	21,22	38·2	45·1	3·44	87	-83	13	31	18	14	11	0	2	0	0	18	0	0·89	*+0·18*	12
	Newton Rigg ¶§	2121 9	560	38·1	28·5	33·3	-4·7	46	27	11	23	–	–	2·29	58	-48	13	31	19	15	9	12	0	0	1	26	0	1·21	+0·16	17
Westmorland.	Ambleside ..	9 9 9	145	40·0	29·1	34·5	–	47	31	13	23	–	–	5·19	132	–	19	27	18	17	4	7	1	0	2	–	–	1·32	–	18
	Appleby	9 9 9	440	38·7	28·5	33·6	*-4·0*	46	26,29,31	8	23	–	–	1·89	48	-53	10	31	15	12	9	4	0	0	–	–	–	–	–	–
Lancashire.	Bolton	9 9 9	342	41·2	32·4	36·8	-2·9	49	31	19	17,23	38·7	43·2	4·26	108	-12	11	14	19	16	5	7	3	2	–	16	–	0·85	+0·41	25S
	Burnley	9 9 9	458	40·0	30·8	35·4	*-3·7*	48	30,31	17	23	37·9	43·5	3·39	86	–	14	1	18	16	3	10	4	0	7	18	–	0·11	*-0·34*	1S
	Darwen	2121 9	724	39·2	32·3	35·7	*-2·9*	46	31	21	21	37·1	42·8	5·31	135	- 6	16	31	22	18	11	10	4	3	10	18	–	1·09	*+0·45*	15
	Hutton	9 9 9	82	41·5	31·3	36·4	*-3·4*	49	30,31	18	23	38·4	44·6	3·00	76	–	13	31	17	14	6	9	3	1	6	18	0	0·99	*+0·01*	13
	Lancaster ..	9 9 9	312	41·3	32·5	36·9	*-3·5*	47	31	22	23,24	33·9	41·2	2·48	63	-48	8	1,31	16	11	3	0	2	2	4	17	0	1·29	*+0·15*	17
	Leyland	9 9 9	125	41·6	30·3	35·9	*-3·9*	49	31	16	17	–	–	3·10	79	-10	13	15	20	15	3	9	3	0	9	18	–	1·06	*+0·07*	14
	Manchester (Barton) ..	18–7 7	70	40·8	33·4	37·1	–	51	31	19	17	–	–	3·46	88	–	13	15	20	16	8	9	4	2	9	15	1	0·90	–	12
	(Oldham Road)	2121 9	191	41·7	36·0	38·9	-2·4	50	30,31	26	23	38·8	45·3	3·35	85	- 5	11	8	16	15	6	-	3	2	-	10	–	0·11	*-0·12*	1S
	(Whitworth Pk.)	2121 9	125	41·9	34·5	38·2	-2·6	51	31	22	23	–	–	3·26	83	+ 1	11	1	18	15	–	–	–	–	14	–	–	0·37	*-0·03*	5
	Southport .. (Bedford Rd. Pk.) ¶§	9 9 9	35	42·6	32·3	37·5	-3·2	50	31	19	20	37·6	44·0	2·88	73	- 9	16	15	16	13	5	0	8	0	4	15	5	1·38	+0·17	18
	Stonyhurst ¶§	9 9 9	377	40·5	31·8	36·1	-3·4	48	31	17	21	–	–	3·59	91	-32	16	1	19	14	9	9	6	3	5	14	0	1·18	+0·27	16S
Cheshire.	Bidston Obs'y. ..	2121 9	198	41·8	34·6	38·2	-3·1	49	31	23	24	–	–	3·48	88	+21	16	15	19	15	3	4	8	1	10	9	3	1·20	*-0·20*	16
	Hoylake	9 9 9	23	43·2	33·7	38·5	-3·3	51	31	23	21,24	–	–	3·20	81	+ 9	15	15	19	17	2	1	5	0	–	17	–	1·14	-0·23	15
	Macclesfield ..	9 9 9	500	39·5	31·9	35·7	-2·8	48	31	17	23	–	–	3·70	94	+ 6	22	15	18	17	8	8	1	1	6	–	–	–	–	–
	West Kirby ..	9 9 9	25	41·9	32·8	37·3	–	50	31	22	24	–	–	3·33	85	+18	15	15	18	16	7	1	12	2	3	18	–	1·57	–	21
7b. NORTH WALES.																													
Flint.	Hawarden B'dge	9 9 9	17	42·8	32·3	37·5	-4·5	52	31	20	21	–	–	3·70	94	–	17	15	20	14	5	2	7	1	10	–	–	–	–	–
	Rhyl	9 9 9	31	44·5	34·4	39·5	*-2·8*	53	31	25	21,23,24	–	–	2·50	63	0	11	3	21	15	6	1	7	0	1	13	0	1·34	*-0·15*	18
	Sealand .. ¶§	18–7 7	16	41·1	33·8	37·5	*-3·8*	51	1,31	22	21	39·9	45·8	3·12	79	+15	13	15	18	15	4	1	6	1	8	14	1	1·22	*-0·20*	16
Anglesey.	Holyhead ¶§	18–7 7	26	45·2	39·9	42·5	*-2·0*	51	31	30	23	–	–	3·48	88	-18	24	4	18	15	4	0	5	1	0	8	6	2·13	*+0·79*	28
Denbigh.	Colwyn Bay ..	9 9 9	118	44·5	36·1	40·3	*-3·0*	52	31	27	23,24	–	–	2·03	52	-29	7	3	21	15	2	0	3	0	0	–	–	1·31	*+0·03*	17
Carnarvon.	Aber	9 9 9	60	44·9	36·7	40·8	–	52	30,31	27	14	–	–	2·49	63	–	7	24	22	15	4	1	2	0	–	16	1	0·55	–	7S
	Llandudno ..	9 9 9	13	45·0	36·9	40·9	*-2·2*	52	26,29	28	14,21,23	–	–	1·67	42	-32	6	15	20	14	2	0	6	0	0	12	0	1·49	+0·20	20
Montgomery.	Welshpool ..	9 9 9	254	43·1	31·0	37·1	*-3·1*	52	30	18	23	–	–	2·39	61	-23	9	31	20	19	3	3	0	0	5	–	–	–	–	–
8a. SOUTH WALES.																													
Cardigan.	Aberystwyth ..	9 9 9	12	44·8	36·0	40·4	*-2·5*	51	30	24	23	–	–	2·20	56	–	14	4	19	13	2	0	4	0	0	–	–	1·98	*-0·71*	26
	„ P.B.S. †	9 9 9	452	43·3	34·9	39·1	–	49	25,30	25	23	–	–	2·17	55	–	14	4	18	13	8	1	6	0	0	13	0	2·03	–	26
Pembroke.	Haverfordwest ..	2121 9	250	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	St. Ann's Hd. ¶§	18–7 7	142	46·4	39·9	43·1	*-2·3*	51	8	32	13,23,24	–	–	2·61	66	-49	11	14	20	16	0	0	5	0	0	–	4	1·63	+0·20	21
Radnor.	Rhayader ¶§	9 9 9	757	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Brecknock.	Cantref	9 9 9	1080	39·4	31·1	35·3	–	48	30	22	22,23	–	–	6·15	156	–	17	6,29	20	20	7	3	0	0	2	–	–	1·90	–	24
Glamorgan.	Cardiff	2121 9	202	43·4	35·8	39·5	*-2·0*	51	31	22	23	40·5	46·5	3·86	98	-29	13	30	16	14	2	1	0	1	2	13	0	1·71	*+0·08*	22
	Swansea	9 9 9	32	45·7	36·5	41·1	*-2·2*	52	1	25	22	39·8	49·1	3·67	93	–	23	4	17	13	0	0	0	0	4	14	–	2·11	*+0·67*	27
8b. ENGLAND, S.W.																													
Monmouth.	Newport	9 9 9	265	42·7	34·2	38·5	*-3·2*	50	31	21	22	40·8	46·5	4·07	103	–	17	26	18	13	–	–	–	–	0	–	–	1·96	–	25
	Usk	9 9 9	70	43·6	32·2	37·9	–	50	31	14	23	39·6	–	3·63	92	–	16	25	15	15	5	3	0	0	0	(20)	0	1·60	–	20
Somerset.	Bath .. ¶§	9 9 9	67	43·5	35·0	39·3	*-2·0*	53	38	19	22,23,24	41·9	47·5	3·97	101	+13	20	26	17	16	4	0	0	0	8	–	0	1·71	*+0·34*	22
	Cannington ..	9 9 9	95	44·7	35·5	40·1	–	54	31	20	23	–	–	4·19	106	–	19	26	21	17	1	0	2	2	5	12	1	1·71	–	22
	Long Ashton ..	9 9 9	162	43·4	33·8	38·6	*-2·9*	52	26,31	18	21,22	–	–	4·41	112	+14	23	26	20	14	3	5	1	0	3	16	1	1·40	*-0·01*	18
Dorset.	Holton Heath ..	9 9 9	64	44·7	34·8	39·7	*-2·3*	52	25,26	20	21,22	39·9	45·0	5·48	139	–	25	26	18	14	1	0	0	0	1	18	2	1·95	*+0·30*	24
	Portland Bill ..	18–7 7	32	46·2	40·7	43·5	*-2·0*	51	8,26,30	31	20,21	–	–	4·07	104	+25	16	26	18	16	0	0	1	1	0	–	0	–	–	–
	Shaftesbury ..	9 9 9	722	41·6	34·3	37·9	-2·0	49	31	19	21	–	–	3·94	100	+ 8	17	26	18	18	1	0	1	0	–	–	–	–	–	–
Devon.	Arlington ..	9 9 9	613	45·4	34·2	39·8	-1·6	50	1,30,31	22	20,21	–	–	5·29	134	-34	20	30	20	20	1	0	7	1	–	14	–	–	–	–
	Cullompton ¶§	9 9 9	202	44·9	34·7	39·8	-2·0	52	31	21	21	41·3	–	5·03	128	+16	15	26	22	17	0	0	3	0	2	22	–	2·09	+0·63	28
	Ilfracombe ..	9 9 9	25	46·4	39·2	42·8	*-2·3*	52	25,26,31	29	21	42·3	48·5	3·66	93	-25	16	4	21	17	0	0	0	1	0	6	–	1·36	*+0·13*	17

† Plant Breeding Station. ¶§ § *See* Notes on Tables on last page of this issue.

TABLE III (*continued*).—SUMMARY of the RECORDS of TEMPERATURE, RAINFALL and SUNSHINE, and of WEATHER OBSERVATIONS, DECEMBER, 1935

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. in.	mm.	Difference from Average. mm.	Most in a day. Amount. mm.	Date.	WEATHER. Number of days. Precip'n. 0·2 mm. or more.	1 mm. or more.	Snow.	Snow lying.	Hail.	Thunderstorm.	Fog (Morn'g Obs.)	Ground Frost.	Gale.	BRIGHT SUNSHINE. Hours per day. Daily Mean.	Difference from Average.	Per Cent.
	G.M.T.	ft.	°F.	°F.	°F.	°F.	°F.		°F.		°F.	°F.	in.	mm.	mm.	mm.												hr.	hr.	%
8b. ENGLAND, S.W.—*cont.*																														
Devon.—*cont.* Killerton ..	9 9 9	159	45·2	35·2	40·2	*-1·9*	53	31	21	21	–	–	5·00	127	–	16	26	21	18	–	–	–	–	0	23	–	–	–	–
Newton Abbot ..	9 9 9	375	45·0	36·3	40·7	–	52	27	24	22	–	–	5·64	143	+26	25	26	23	17	0	0	1	0	1	16	–	2·27	–	28
Paignton ..	9 9 9	12	46·6	37·3	41·9	*-2·2*	53	27,31	23	22	–	–	5·84	148	–	24	29	21	15	0	0	3	1	0	12	–	1·96	*+0·15*	24
Plymouth (Hoe)	2121 9	117	46·4	38·0	42·2	*-2·3*	53	1,27	24	22	41·5	46·4	5·99	152	+25	23	26	21	20	0	0	2	1	6	6	2	1·89	+0·22	23
Plymouth (Mount Batten) ..	18–7 7	82	46·4	39·6	43·0	*-2·1*	52	27,30	25	22	–	–	5·62	143	–	21	26	21	19	1	0	4	0	0	6	3	1·91	*+0·15*	24
Princetown ..	9 9 9	1430	41·0	32·3	36·6	*-2·7*	48	30,31	25	13,21,23	–	–	8·97	228	-67	37	30	23	20	1	0	5	1	10	20	–	–	–	–
Salcombe ..	9 9 9	39	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Sidmouth ..	9 9 9	25	46·6	37·1	41·9	*-1·3*	54	27,31	25	21	–	–	4·98	127	–	25	26	21	17	0	0	2	0	0	11	–	2·30	–	29
Tavistock ..	9 9 9	457	44·8	35·5	40·1	*-2·2*	50	27,30,31	21	21	–	45·1	5·67	144	-19	22	30	21	19	1	0	3	1	0	15	1	–	–	–
Teignmouth ..	9 9 9	20	46·9	38·2	42·5	*-2·2*	53	28,30,31	24	22	–	–	4·82	122	+15	19	26	19	16	0	0	1	1	0	8	–	2·20	*+0·32*	27
Torquay	9 9 9	27	47·0	37·4	42·2	*-2·5*	53	26,27,31	24	22	–	46·5	5·07	129	+15	20	26	20	16	0	0	2	1	0	7	0	2·27	+0·35	28
Woolacombe ..	9 9 9	60	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cornwall. Falmouth Obs. ¶§	9 9 9	167	47·2	38·6	42·9	*-2·2*	52	25,30,31	27	14	41·6	47·3	6·14	156	- 3	17	30	20	18	0	0	4	1	2	6	–	2·20	+0·40	27
Fowey	9 9 9	51	48·0	37·4	42·7	*-2·4*	54	27	24	22	–	–	4·83	123	–	14	26	20	20	0	0	2	0	0	–	–	1·98	*+0·10*	25
Gulval	9 9 9	20	48·5	38·4	43·5	–	54	26,27	27	14,21,22	–	–	5·27	134	–	20	29	20	19	0	0	2	1	–	10	–	2·05	–	25
The Lizard ..	18–7 7	240	47·4	40·8	44·1	–	53	8	31	13,14	–	–	5·07	129	–	15	29	21	18	0	0	3	0	0	–	5	–	–	–
Newquay	9 9 9	190	46·6	38·1	42·3	*-2·7*	52	30,31	24	14	42·9	48·0	4·31	109	- 1	14	31	22	20	0	0	2	0	0	–	0	2·01	+0·38	25
Redruth	9 9 9	397	45·5	37·3	41·4	*-2·8*	51	30	26	14	–	–	6·16	156	- 3	29	29	21	18	1	0	4	2	0	12	3	–	–	–
9. IRELAND, N.																													
Sligo. Markree Cas. ¶§	2121 9	122	43·8	31·3	37·5	-3·6	51	9	12	23	40·1	45·7	4·00	102	-18	19	1	21	17	3	0	9	1	0	–	2	1·69	+0·58	23
Mayo. Blacksod Pt. ¶	18–7 7	18	45·1	37·4	41·3	–	50	8,9	31	21	–	–	2·54	65	-90	13	4	21	18	1	0	7	0	0	–	0	–	–	–
Mallaranny §	9 9 9	113	44·9	35·6	40·3	*-3·2*	50	8,9	24	24	–	–	3·67	93	–	12	5	20	18	–	–	–	–	0	–	–	1·61	*+0·77*	24
Donegal. Malin Head ¶§	18–7 7	84	44·4	36·4	40·4	*-2·8*	48	8,9	29	23	–	–	3·31	84	- 1	12	15	21	18	2	0	9	1	0	–	1	1·45	*+0·39*	20S
Antrim. Aldergrove ..	18–7 7	238	41·6	33·3	37·5	–	47	9,30,31	18	23	–	–	2·52	64	-23	20	15	19	13	5	0	0	1	1	15	0	2·26	–	32
Down. Donaghadee ..	7 7 7	40	44·1	35·1	39·6	*-2·3*	48	26,30,31	30	23,24,25	–	–	3·02	77	- 4	15	15	16	12	0	0	0	0	0	–	0	–	–	–
Hillsborough ..	9 9 9	388	40·5	32·1	36·3	–	47	31	22	23	39·8	–	2·59	66	–	13	15	16	12	3	0	0	0	0	20	0	1·98	–	27
Armagh. Armagh .. ¶§	2121 9	204	41·7	32·8	37·3	-3·3	48	31	17	23	37·7	43·2	2·33	59	-21	10	24	19	11	3	0	1	0	2	14	0	1·59	+0·30	22
Longford. Newtownforbes ..	2121 9	154	41·5	29·9	35·7	*-4·8*	49	8	16	23	37·6	44·0	2·17	55	-46	7	29	17	15	1	0	1	0	–	–	–	–	–	–
10. IRELAND, S.																													
Dublin. Balbriggan	9 9 9	203	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Dublin City .. ¶	2121 9	54	43·6	36·3	39·9	-3·2	53	26	22	23	–	–	1·38	35	-28	5	31	19	12	2	0	1	0	3	14	0	–	–	–
„ Glasnevin ..	2121 9	55	44·0	33·5	38·7	-3·4	51	31	21	21	–	–	1·72	44	-21	9	24	19	15	2	0	0	0	5	15	0	–	–	–
„ Phœnix Pk. §	2121 9	155	43·5	33·4	38·5	-2·9	51	31	15	23	–	–	1·34	34	-31	6	24	19	11	1	0	1	0	4	17	–	2·19	+0·71	29
„ Trin. Coll. ..	2121 9	13	45·1	36·5	40·8	*-2·7*	52	31	21	23	39·5	44·0	1·46	37	-23	8	24	18	13	1	0	2	0	–	18	0	–	–	–
Hazelhatch .. .. (Peamount San.)	9 9 9	366	43·6	30·9	37·3	–	53	26	15	23	38·7	43·8	1·11	28	–	3	14	15	15	–	–	–	–	1	–	–	1·92	–	26
Rathfarnham ..	9 9 9	169	43·9	33·7	38·8	–	51	31	18	24	40·8	–	2·00	51	–	11	24	20	12	1	1	0	0	1	16	–	2·09	–	28
Wicklow. Newcastle ..	2121 9	256	44·6	36·0	40·3	*-2·2*	51	27	28	23	–	–	2·33	59	–	13	30	14	11	0	0	0	0	1	–	–	–	–	–
Offaly. Birr Castle ¶§	18–7 7	173	41·3	32·3	36·8	*-4·9*	50	8,26.31	16	23	40·1	45·3	1·48	37	-47	6	24,30	18	11	1	0	1	0	1	16	0	1·42	+0·03	19
Leix. Mountmellick ..	9 9 9	245	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Waterford. Seskin, Carrick-on-Suir	2121 9	535	41·5	34·2	37·9	*-3·4*	48	30,31	21	21	–	–	4·24	108	–	20	29	20	12	0	0	1	0	6	14	0	1·14	*-0·55*	15
Waterford ¶	9 9 9	137	44·1	34·3	39·2	*-3·6*	51	30	19	22	–	–	3·19	81	-35	16	23	16	11	0	0	0	0	13	–	1	–	–	–
Limerick. Foynes ..	9 9 9	43	42·4	33·3	37·9	-5·0	50	7	16	22	–	–	2·67	68	-52	10	2	21	15	–	–	–	–	–	–	–	–	–	–
Kerry. Valentia Obs. ¶§	242424	30	46·6	38·9	42·7	-2·6	50	1,8	29	22	41·9	46·4	4·46	113	-56	17	30	22	18	0	0	9	0	0	8	9	1·57	+0·34	20S
	18–7 –	—	46·7	39·2	42·9	*-3·2*																							
Cork. Ballinacurra §	9 9 9	24	45·7	34·2	39·9	*-3·3*	51	10,26,30	20	23	–	–	4·00	101	-29	22	23	17	14	0	0	0	0	–	–	–	1·40	*-0·01*	18
Cork	9 9 9	57	44·8	33·6	39·2	–	52	8	19	23	–	–	4·29	109	-21	25	23	19	15	0	0	0	0	8	21	–	1·25	–	16
Roche's Pt. ¶	18–7 7	22	45·4	39·3	42·3	*-2·9*	51	8	30	20,22,23	–	–	3·96	101	-34	14	18	18	15	0	0	0	0	1	–	2	–	–	–
11. CHANNEL ISLES AND SCILLY.																													
Scilly. St. Mary's ¶§	18–7 7	163	48·0	43·3	45·7	*-1·7*	53	1	36	14,22	–	–	4·43	113	+ 2	14	16	20	17	1	0	5	1	0	–	6	2·20	+0·48	27
Guernsey. St. Peter Port ¶§	18–7 7	175	47·2	42·2	44·7	*-1·0*	54	1	34	22	43·7	48·5	8·29	211	+107	27	1	24	23	0	0	4	1	0	7	1	1·18	*-0·43*	14
Jersey. St. Heliers ¶§	9 9 9	28	47·5	41·8	44·7	*-0·7*	54	1	32	21	–	–	6·68	170	+65	16	3	24	23	0	0	1	0	2	–	–	1·37	-0·31	17
GIBRALTAR	18–7 7	102	58·8	51·5	55·1	*-1·8*	65	1	42	16	–	–	4·48	114	-28	40	24	9	7	0	0	0	0	0	0	2	–	–	–
MALTA	18–7 7	231	61·5	54·6	58·1	*+0·8*	68	2,4	49	8,15,16	–	–	3·70	94	+ 8	28	10	18	10	0	0	2	4	1	–	0	5·01	–	52

¶§ 8 *See* Notes on Tables on last page of this issue.

TABLE III (*a*).—RIVER TEMPERATURE

Place.	River.	Hour.	Highest.	Lowest.	Mean.	Difference from Average.
			°F.	°F.	°F.	°F.
Belper	Derwent	9	–	–	–	–
Attenborough	Trent	7	44·0	35·0	39·3	–
	„	18	43·5	35·7	39·6	–

TABLE III (*b*).—SKY OBSERVATIONS, DECEMBER, 1935

WEATHER DIARY ROYAL OBSERVATORY, GREENWICH	Number	NIGHT SKY RECORDER.**	GREENWICH.	PORTON.
Persistently overcast days	2	Recorder in operation on	31 nights	31 nights
„ cloudless „	0	Average exposure (hours)	13·86	13·21
„ foggy „	1	Polaris unobscured (per cent.)	37	41
		δ Ursæ Minoris (ditto)	27	30

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

TABLE III (*c*).—SOLAR RADIATION.

DIRECT SOLAR RADIATION KEW OBSERVATORY.	Cal./cm.²/diem.
Max.	231
Mean	30

TABLE IV.—SUMMARY of the OBSERVATIONS of PRESSURE, TEMPERATURE, HUMIDITY, CLOUD, VISIBILITY and WIND at fixed hours at certain Stations during the month of DECEMBER, 1935

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.			8 or more.	4 to 7	1 to 3	Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
					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											
0. SCOTLAND, N.			G.M.T.	ft.	mb.	mb.	°F.	°F.	mb.	%																									
			1	160	1000·1	-	39·6	1·4	7·4	87	7·0	0	5	6	10	10	0	0	*0*	0	1	1	6	*3*	18	*2*	3	10	18	0	8	3	2	4	4	4	3	3
Shetlands.	Lerwick ..	..	7	160	1000·0	-3·6	39·7	1·3	7·4	88	7·0	0	3	10	12	6	0	0	*0*	0	0	0	4	*5*	22	*0*	1	11	19	0	8	3	1	3	7	2	2	5
			13	160	1000·7	-	40·8	1·7	7·5	85	7·8	0	2	4	20	5	0	0	*0*	0	0	0	4	*10*	13	*4*	2	12	16	1	7	3	2	5	4	3	3	3
			18	160	1001·1	-	40·1	1·5	7·3	87	7·2	0	4	8	12	7	0	0	*0*	0	0	0	8	*7*	14	*2*	2	12	17	0	6	3	3	4	6	3	2	4
			9	165	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Orkneys.	Deerness ..	..	21	165	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			1	83	1000·4	-	38·5	1·4	7·1	87	6·6	0	4	9	12	6	*0*	0	0	0	0	0	0	10	21	0	0	5	26	0	5	0	0	5	2	5	6	8
Hebrides.	Stornoway ..		7	83	1000·4	-3·7	38·7	1·5	7·0	86	6·4	0	6	7	17	1	*0*	0	1	0	0	0	0	8	22	0	0	6	25	0	8	0	1	3	4	7	5	3
			13	83	1000·0	-	40·5	1·6	7·5	86	7·3	0	1	9	16	5	*0*	0	0	0	0	0	0	4	24	3	0	9	21	1	6	1	4	1	3	6	3	6
			18	83	999·4	-	39·5	1·5	7·0	86	7·1	0	2	9	13	7	*0*	0	0	0	0	0	1	15	14	1	1	7	23	0	8	2	3	3	4	4	1	6
			1	79	999·9	-	37·3	1·0	6·7	91	7·4	0	6	2	16	7	0	0	0	*1*	0	*0*	*3*	*5*	*22*	*0*	2	5	24	0	0	1	0	3	4	3	10	10
Caithness.	Wick ..	..	7	79	1000·0	-4·5	37·8	0·8	7·1	92	7·4	0	4	6	13	8	0	0	0	*0*	0	*0*	*2*	*4*	*25*	*0*	1	6	23	1	2	1	1	2	4	6	5	9
			13	79	1000·6	-	39·9	1·5	7·3	87	7·6	0	3	5	18	5	0	0	0	*0*	0	*0*	*2*	*7*	*22*	*0*	1	8	22	0	2	0	1	5	3	5	8	7
			18	79	1000·5	-	38·1	1·2	6·9	89	7·0	0	7	5	12	7	0	0	0	*0*	0	*0*	*2*	*4*	*25*	*0*	1	6	23	1	1	1	2	3	5	4	8	6
			7	1180	958·3	-	30·0	1·0	4·9	87	6·7	2	7	1	7	14	0	1	0	0	0	0	5	17	8	*0*	0	4	15	12	4	1	1	0	7	5	0	1
Inverness.	Dalwhinnie †	..	13	1180	958·5	-	33·8	1·2	5·8	87	7·9	1	4	3	6	17	0	0	0	1	1	0	1	15	13	*0*	0	4	20	7	0	3	0	2	8	7	0	4
			18	1180	959·2	-	32·0	1·1	5·3	88	8·6	1	0	5	4	21	0	0	1	0	1	0	5	19	5	*0*	0	4	19	8	5	2	1	1	7	2	0	5
Inverness.	Inverness ..	..	9	250	1001·5	-	34·5	1·1	6·1	89	4·8	1	10	10	8	2	*0*	*0*	*2*	*0*	*0*	*1*	3	*1*	6	18	0	5	19	7	0	1	2	1	14	4	2	0
			17	250	1001·0	-	35·9	1·3	6·2	87	5·2	4	4	12	9	2	*0*	*1*	*1*	*0*	*0*	*0*	1	*0*	13	15	0	4	21	6	2	3	1	3	8	6	2	0
1. SCOTLAND, E.																																				
			7	85	1000·9	-5·7	36·0	1·2	6·3	88	6·1	0	9	5	11	6	0	0	0	1	0	0	7	*18*	5	*0*	0	9	20	2	0	0	1	3	3	2	9	11
			13	85	1001·0	-5·8	39·0	1·9	6·7	83	6·1	0	8	8	9	6	0	0	1	2	1	5	9	*7*	6	*0*	0	9	20	2	0	0	3	2	2	2	9	11
Aberdeen.	Aberdeen H		18	85	1001·1	-6·1	37·5	1·4	6·6	87	6·1	1	10	3	9	8	0	0	0	1	4	2	11	*11*	2	*0*	0	9	19	3	1	0	1	5	2	2	8	9
			21	85	1001·2	-6·0	36·6	1·1	6·5	89	5·8	3	8	4	7	9	0	0	0	4	0	4	13	*8*	2	*0*	0	6	25	0	1	0	0	3	3	4	9	11
			h.*	85	1001·1	-5·8	37·0	1·4	6·6	87																											
Aberdeen.	Braemar‡ ..	..	9	1108	(1001·0)	-	31·0	1·0	5·2	88	7·6	2	3	4	5	17	*0*	*0*	*0*	*1*	*1*	*1*	*8*	*18*	*2*	*0*	0	1	21	9	4	1	2	2	0	5	1	7
Perth.	Crieff ..	..	9	482	1001·8	-	34·8	1·8	5·6	81	7·0	0	5	8	7	11	-	-	-	-	-	-	-	-	-	-	0	10	21	0	4	0	8	2	3	4	7	3
			21	482	1001·8	-	35·3	1·5	5·8	85	6·0	5	6	4	2	14	-	-	-	-	-	-	-	-	-	-	0	3	28	0	5	1	6	3	0	5	5	6
			1	184	1001·6	-	37·8	0·8	7·1	92	6·4	0	7	10	5	9	0	0	0	1	*5*	0	5	6	*13*	*1*	0	5	26	0	4	1	3	2	2	13	3	3
Fife.	Inchkeith ..	..	7	184	1001·8	-	37·7	0·9	7·1	91	6·4	0	6	8	10	7	0	1	0	0	*4*	1	4	5	*15*	*1*	0	6	25	0	1	3	3	1	5	10	6	2
			13	184	1001·8	-	39·3	1·2	7·2	89	7·2	0	4	5	16	6	0	0	0	1	*7*	0	10	2	*10*	*1*	0	6	25	0	2	2	4	1	3	15	2	2
			18	184	1001·4	-	38·6	0·9	7·4	92	7·5	0	1	10	10	10	0	0	0	0	*6*	1	9	7	*8*	*0*	0	5	26	0	1	3	4	3	2	12	5	1
			7	36	1001·3	-	35·6	1·4	6·1	86	5·9	1	9	5	8	8	0	0	0	1	1	2	4	9	*13*	*1*	0	5	20	6	0	0	2	2	1	4	11	5
Fife.	Leuchars H		13	36	1001·5	-	39·2	2·2	6·5	79	6·2	0	7	8	8	8	0	0	0	0	2	4	4	5	*14*	*2*	0	6	23	2	3	0	4	2	1	7	10	2
			18	36	1001·3	-	35·9	1·2	6·3	88	5·8	1	10	5	4	11	0	0	0	0	1	3	11	8	*6*	*2*	0	5	20	6	3	0	3	2	2	4	8	3
			9	441	1001·9	-	35·8	1·2	6·3	88	6·8	0	9	2	11	9	0	2	1	1	8	6	12	*1*	*0*	0	0	5	23	3	0	1	2	3	2	6	11	3
Mid Lothian.	Edinburgh .. (Blackford Hill)		21	441	1001·9	-	36·8	1·2	6·6	89	6·5	2	7	3	9	10	0	0	1	1	5	8	14	*1*	*1*	0	0	4	22	5	2	0	4	2	2	7	8	1
6a. SCOTLAND, W.																																				
			7	40	1000·8	-	40·3	2·1	6·8	81	4·9	0	13	6	10	2	0	0	0	0	0	0	2	16	*11*	2	0	13	16	2	4	2	7	4	4	0	3	5
Argyll.	Tiree ..	..	13	40	1000·8	-	42·4	2·2	7·4	81	7·0	0	8	1	16	6	0	0	0	0	0	1	5	2	*10*	13	0	14	17	0	4	3	8	4	5	2	2	3
			18	40	1000·8	-	40·5	1·6	7·5	86	6·7	0	7	5	11	8	0	0	0	0	0	1	5	4	*10*	11	0	15	14	2	4	2	7	5	2	1	3	5
			9	187	1001·5	-	37·8	0·9	7·1	91	5·7	0	8	9	10	4	0	0	1	*0*	*1*	*3*	8	*8*	*10*	*0*	0	10	16	5	3	1	8	1	2	0	2	9
Bute.	Rothesay	..	21	187	1000·8	-	38·6	0·8	7·4	93	6·7	0	7	6	11	7	0	0	1	*2*	*1*	*2*	10	*13*	*2*	*0*	0	15	12	4	2	2	7	3	3	1	2	7
			7	24	1002·2	-	33·1	0·6	5·9	93	7·2	1	6	2	10	12	1	3	1	0	2	8	7	4	*5*	*0*	0	4	18	9	1	1	3	2	1	6	8	0
Renfrew.	Renfrew .. (Abbotsinch)	..	13	24	1001·9	-	37·6	1·3	6·9	88	7·3	0	7	1	12	11	2	0	3	5	4	4	3	2	*6*	*2*	0	4	22	5	1	2	5	4	0	7	6	1
			18	24	1001·7	-	35·4	0·9	6·3	91	6·8	5	4	0	8	14	1	2	1	2	6	9	4	3	*3*	*0*	0	4	20	7	1	0	5	2	2	6	7	1
			7	778	1002·3	-	32·2	0·9	5·5	89	6·6	2	7	4	7	11	0	0	1	1	3	1	*7*	*13*	*5*	*0*	0	7	15	9	4	4	2	3	3	2	3	1
Dumfries.	Eskdalemuir‡‡ H		13	778	1001·9	-	35·8	1·6	5·9	84	6·8	1	7	4	6	13	0	2	0	1	0	1	*9*	*6*	*11*	*1*	0	10	17	4	3	3	4	4	3	5	4	1
			18	778	1001·9	-	33·1	1·0	5·7	89	6·4	2	8	2	7	12	0	0	0	0	3	0	*9*	*13*	*5*	*1*	0	9	15	7	3	5	0	2	5	3	0	6
			21	778	1002·3	-	33·4	1·0	5·8	89	6·4	4	4	5	8	10	0	0	0	0	4	2	*11*	*8*	*6*	*0*	0	5	23	3	4	3	1	3	6	4	4	3
			h.*	778	1002·2	-	33·3	0·9	5·7	88																											
6b. ISLE OF MAN.																																				
Isle of Man.	Douglas .. H		9	286	1002·7	-7·4	39·2	1·5	7·1	87	6·4	0	9	3	13	6	0	0	0	*0*	1	0	*4*	*3*	*23*	*0*	3	7	21	0	4	7	4	2	2	0	7	5
			7	31	1002·0	-	41·1	1·8	7·4	84	5·9	3	8	5	4	11	0	0	0	0	0	0	2	*8*	*21*	0	0	16	15	0	6	3	3	4	3	4	7	1
	Point of Ayre		13	31	1002·0	-	42·8	2·0	7·8	83	6·7	0	8	3	13	7	0	0	0	0	0	2	0	*8*	*21*	0	0	18	13	0	6	2	3	4	5	3	6	2
			18	31	1001·8	-	42·1	2·0	7·8	83	6·1	0	9	6	6	10	0	0	0	0	0	1	2	*9*	*19*	0	1	15	14	1	4	4	3	2	4	4	5	4
2. ENGLAND, N.E.																																				
			9	331	1002·1	-	36·1	1·0	6·4	90	7·5	0	5	8	3	15	0	0	1	1	0	*2*	3	*6*	14	*4*	0	5	25	1	2	0	3	3	4	2	3	13
Northumberland.	Cockle Park ..		21	331	1001·3	-	35·8	1·0	6·4	90	6·9	1	7	6	0	17	0	1	1	0	3	*2*	3	*3*	14	*4*	0	2	24	5	1	0	1	3	3	2	3	13
			1	122	1001·4	-	37·5	1·1	6·8	89	6·4	1	7	9	4	10	0	0	1	0	2	4	8	*12*	4	*0*	0	4	27	0	1	1	2	2	3	6	14	2
Northumberland.	Tynemouth ..		7	122	1001·5	-7·3	38·1	1·3	6·8	88	6·4	0	8	8	8	7	0	0	0	1	1	0	13	*10*	6	*0*	0	5	26	0	2	1	2	1	4	5	14	2
			13	122	1001·8	-	39·9	1·8	7·2	86	7·2	0	5	8	9	9	0	0	0	4	1	3	14	*6*	3	*0*	0	7	24	0	1	3	2	4	2	4	13	2
			18	122	1001·5	-	39·0	1·3	7·1	88	7·1	0	7	6	5	13	0	0	0	1	3	2	16	*7*	2	*0*	0	5	26	0	1	1	2	2	3	6	12	4

* Mean of hourly readings. † Pressure at Station level. ‡ Mean pressure at Station Level is 961·0 mb.
‡‡ Mean pressures at Station Level are 973·1 mb. at 7 h., 972·9 mb. at 13 h., 972·8 mb. at 18 h., and 973·2 mb. at 21 h.

TABLE IV (*continued*).—SUMMARY of the OBSERVATIONS of PRESSURE, TEMPERATURE, HUMIDITY, CLOUD, VISIBILITY and WIND at fixed hours at certain Stations during the month of DECEMBER, 1935

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.	4 to 7	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.—*cont.*																																			
Durham.	Durham ..	..	9	352	1003·0	-	36·2	1·3	6·2	87	5·4	8	5	2	6	10	0	1	0	3	5	6	11	4	1	0	0	2	27	2	2	1	4	1	7	3	4
			21	352	1002·8	-	36·1	1·2	6·3	88	6·7	7	2	2	3	17	0	0	0	1	3	1	16	10	0	0	0	2	28	3	0	2	2	1	10	0	8	5
Yorks., N. Riding	Catterick ..	H	7	186	1002·3	-	35·1	1·1	6·3	89	6·4	1	8	3	8	11	0	1	0	2	1	2	4	15	5	1	0	3	20	8	4	1	0	2	5	1	4	6
			13	186	1002·1	-	38·9	1·7	6·8	84	7·3	0	7	2	11	11	0	1	1	1	3	2	10	3	9	1	0	4	19	8	3	2	0	2	6	0	4	6
			18	186	1002·3	-	36·2	1·2	6·5	88	6·3	4	6	3	5	13	0	2	2	1	2	3	3	8	10	0	0	3	20	8	3	2	0	2	6	0	4	6
Yorks., N. Riding	Scarborough ..		9	96	1002·5	-	38·8	1·8	6·8	83	6·2	0	9	4	17	1	0	1	1	2	6	5	9	5	2	0	0	7	24	0	1	4	2	4	1	4	4	11
Yorks., N. Riding.	York		9	53	1003·2	-	36·2	1·1	6·3	89	6·7	4	5	2	7	13	-	-	-	-	-	-	-	-	-	-	0	0	30	1	2	3	1	4	2	4	5	9
			21	53	1003·2	-	36·7	1·0	6·7	91	6·3	7	4	0	9	11	-	-	-	-	-	-	-	-	-	-	0	0	30	1	2	4	0	4	6	0	7	7
Yorks., E. Riding.	Spurn Head ..		1	28	1002·0	-	38·0	0·8	7·2	92	6·7	2	5	7	5	12	2	2	2	0	1	5	8	7	4	0	0	23	8	0	0	1	3	4	4	3	7	9
			7	28	1001·8	-8·4	37·8	0·6	7·3	94	7·5	0	3	6	9	13	1	2	1	0	1	1	13	8	4	0	0	21	10	0	1	2	2	4	3	2	9	8
			13	28	1001·7	-	39·6	1·1	7·8	90	7·6	0	2	10	9	10	0	2	3	2	1	4	14	4	1	0	0	20	11	0	1	3	2	3	4	2	6	10
			18	28	1002·0	-	38·7	0·8	7·5	93	6·9	0	3	10	9	9	0	2	1	0	3	2	10	10	3	0	0	20	11	0	1	2	3	1	4	3	10	7
Lincoln.	Cranwell ..	H	7	243	1003·2	-	34·6	0·7	6·4	92	6·8	4	3	5	6	13	1	3	0	5	2	8	11	1	0	0	0	13	17	1	2	3	2	2	2	9	7	3
			13	243	1002·8	-	37·9	1·3	6·9	88	6·5	3	7	1	8	12	0	3	2	4	2	6	12	0	2	0	0	16	15	0	0	3	1	4	3	8	7	5
			18	243	1003·4	-	35·8	0·9	6·6	91	5·6	9	2	4	7	9	0	2	0	7	3	11	7	1	0	0	0	13	17	1	1	3	0	5	2	9	7	3
3. ENGLAND, E.																																			
Norfolk.	Cromer ..	H	9	74	1002·9	-	38·5	1·0	7·3	91	7·3	3	1	8	7	12	0	0	1	0	2	4	14	7	3	0	0	9	22	0	1	2	3	2	8	1	12	2
			1	26	1003·4	-	37·1	1·1	6·6	90	5·8	8	3	5	4	11	0	1	0	0	2	5	11	11	1	0	0	14	16	1	0	3	2	4	4	6	8	3
Norfolk.	Yarmouth..	..	7	26	1003·0	-8·8	37·3	1·2	6·6	89	7·7	0	3	6	11	11	0	1	1	0	2	4	12	10	1	0	0	16	15	0	1	3	2	5	2	7	7	4
			13	26	1002·3	-	39·9	1·6	7·2	86	7·5	1	2	6	13	9	0	1	0	3	4	4	16	3	0	0	0	15	16	0	0	4	1	5	4	4	10	3
			18	26	1003·3	-	38·9	1·3	7·1	88	6·6	1	6	8	3	13	0	0	2	0	2	6	14	7	0	0	0	15	15	1	1	3	2	1	6	8	7	2
Suffolk.	Felixstowe Aero.		7	20	1003·3	-	37·7	1·4	6·7	87	7·2	1	7	3	5	15	0	0	2	2	5	1	8	13	0	0	0	16	15	0	3	5	1	4	2	6	8	2
			13	20	1003·1	-	40·3	1·8	7·2	84	7·0	3	3	6	9	10	0	1	0	1	3	3	11	10	2	0	0	13	16	2	2	3	1	4	5	3	9	2
			18	20	1003·8	-	38·4	1·2	6·9	89	5·8	9	2	2	6	12	0	2	0	1	5	3	11	9	0	0	0	13	16	2	3	3	1	3	2	6	9	2
Cambridge.	Cambridge	H	9	43	1003·6	-9·4	36·3	0·7	6·9	93	7·2	3	3	4	5	16	-	-	-	-	-	-	-	-	-	-	0	2	29	0	2	3	2	1	6	8	6	3
			21	43	1004·7	-8·3	36·0	0·8	6·8	93	4·9	14	2	0	0	15	-	-	-	-	-	-	-	-	-	-	0	3	23	5	1	3	3	2	6	5	3	3
Hertford.	Rothamsted ..		9	396	1003·4	-	36·5	0·8	6·9	92	6·5	2	7	3	10	9	0	1	0	2	3	14	11	0	0	0	0	5	18	8	4	3	3	1	3	0	6	3
Essex.	Shoeburyness	H	7	14	1003·5	-	38·3	1·3	7·1	88	7·8	1	5	2	6	17	0	0	1	1	2	5	4	15	3	0	0	9	20	2	3	3	1	4	2	5	7	4
			13	14	1003·3	-	41·2	1·9	7·5	84	7·5	3	3	0	11	14	0	1	0	3	4	2	9	9	3	0	0	11	19	1	4	3	0	1	6	4	9	3
			18	14	1004·0	-	38·8	1·3	7·2	88	5·8	7	7	0	5	12	0	3	0	3	3	3	4	11	4	0	0	10	19	2	4	2	0	1	3	7	8	4
4. MIDLAND COUNTIES.																																			
Yorks., W. Riding.	Harrogate ..		9	478	1003·1	-	35·6	1·1	6·3	89	7·5	0	8	0	14	9	0	4	2	1	5	4	3	5	3	4	0	3	26	2	3	2	0	3	2	10	8	1
Nottingham.	Nottingham ..		9	215	1002·6	-	35·8	1·2	6·3	88	7·6	2	3	4	7	15	3	5	6	11	3	0	3	0	0	0	0	0	31	0	3	4	3	0	4	2	11	4
Warwick.	Birmingham	H	7	542	1003·4	-	36·0	0·9	6·7	91	6·9	6	2	1	12	10	0	0	1	2	5	7	6	5	5	0	0	7	24	0	4	3	3	3	2	5	7	4
			13	542	1003·0	-	39·3	1·7	7·1	85	7·0	4	1	6	11	9	1	0	2	6	9	8	3	2	0	0	0	10	20	1	4	2	1	1	5	4	7	6
			18	542	1003·8	-	37·5	1·2	6·9	88	6·3	5	5	1	12	8	0	2	2	1	6	11	4	5	0	0	0	5	25	1	2	2	2	4	6	3	5	6
Oxford.	Oxford ..	..	9	212	1003·9	-9·7	37·2	0·9	6·8	91	7·1	1	8	1	7	14	0	1	2	2	6	7	9	2	2	0	0	7	24	0	5	7	0	3	5	6	5	0
Shropshire.	Shrewsbury	H	9	186	1003·5	-	35·8	1·0	6·5	90	8·1	0	3	6	4	18	1	2	1	1	4	2	10	0	10	0	0	5	18	8	1	3	5	3	1	0	9	1
Hereford.	Ross-on-Wye	H	7	226	1003·2	-	37·5	1·4	6·8	87	6·9	3	5	2	10	11	0	2	0	0	2	5	10	8	4	0	0	8	19	4	3	4	2	3	3	5	6	1
			13	226	1003·2	-	41·1	2·5	7·7	79	6·8	1	6	3	12	9	0	1	0	1	3	3	8	7	8	0	0	7	23	1	3	4	3	0	2	8	9	1
			18	226	1003·7	-	38·8	1·8	6·9	84	7·4	2	5	2	7	15	0	0	3	2	3	5	8	4	6	0	0	3	27	1	2	3	1	1	4	11	6	2
			21	226	1004·0	-	38·2	1·7	6·8	85	7·0	3	4	4	7	13	0	1	2	3	3	3	11	2	6	0	0	4	24	3	2	2	4	1	6	6	6	1
Gloucester.	Cheltenham	H	9	230	1004·0	-	38·0	1·4	6·8	86	7·3	1	3	5	13	9	0	0	2	4	4	5	3	9	4	0	0	2	22	7	3	2	2	2	2	2	6	5
			21	230	1004·6	-	38·2	1·4	6·8	86	7·3	0	4	7	8	14	0	0	0	2	2	3	7	9	8	0	0	1	28	2	3	3	2	0	1	3	9	8
5. ENGLAND, S.E.																																			
London.	gGreenwich	H	9	152	1003·9	-10·1	38·7	1·2	7·3	89	8·0	2	3	2	6	18	2	1	2	4	9	4	9	0	0	0	0	15	14	2	2	6	1	1	5	8	6	0
			15	152	1003·4	-9·9	40·9	2·2	7·2	82	7·2	3	4	3	5	16	2	0	1	4	9	10	5	0	0	0	0	15	16	0	5	2	2	2	3	6	10	1
			21	152	1004·5	-9·5	38·4	1·4	7·0	87	5·9	8	2	4	6	11	0	1	2	3	9	6	10	0	0	0	0	13	18	0	2	4	2	4	4	6	8	1
			h.*	152	1003·8	-9·9	38·9																														
London.	Kew Observatory	H	7	34	1003·4	-10·1	38·3	1·3	6·9	88	8·4	1	2	2	6	20	0	0	2	1	0	5	22	1	0	0	0	8	22	1	3	3	3	2	4	8	4	3
			13	34	1003·3	-10·1	41·5	2·2	7·2	81	7·9	4	0	1	13	13	0	2	2	3	0	3	18	1	2	0	0	11	19	1	6	3	1	0	4	8	7	1
			18	34	1004·2	-9·5	39·6	1·7	7·0	85	6·9	7	2	0	8	14	1	0	0	4	4	6	16	0	0	0	0	10	20	1	4	2	2	2	2	9	6	3
			21	34	1004·6	-9·4	38·6	1·5	6·9	87	6·7	4	3	4	8	12	0	1	2	2	5	8	11	2	0	0	0	8	21	2	3	2	2	3	3	8	7	1
			h.*	34	1003·9	-9·8	39·3	1·6	7·0	86																											
London.	Kensington	..	9	66	1003·6	-	38·9	1·3	7·1	88	8·1	0	2	5	10	14	0	2	2	7	10	8	2	0	0	0	0	4	27	0	1	8	1	0	3	8	7	3
			15	—	-	-	41·5	2·3	7·0	79	7·4	2	2	6	10	11	-	-	-	-	-	-	-	-	-	-	0	2	29	0	1	6	1	0	2	8	6	7
			18	—	-	-	40·4	2·2	6·7	80	8·1	3	1	5	0	22	-	-	-	-	-	-	-	-	-	-	0	1	30	0	3	5	1	1	1	9	9	2
London.	Stroud Green ..		7	237	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Surrey.	Croydon ..	H	1	225	1003·7	-	38·4	1·4	7·1	88	7·0	4	5	1	7	14	1	0	1	1	2	2	5	13	6	0	0	12	18	1	2	2	2	5	3	5	8	3
			7	225	1003·1	-	38·5	1·1	7·2	90	9·0	0	3	0	11	17	1	1	0	0	5	0	9	14	1	0	0	11	17	3	2	4	3	2	5	5	6	1
			13	225	1003·0	-	41·4	2·0	7·5	83	8·0	1	3	0	13	14	3	0	2	2	3	9	12	0	0	0	0	13	14	4	3	3	1	*1	5	3	9	2
			18	225	1004·0	-	39·2	1·5	7·2	87	7·0	4	1	4	8	14	1	0	1	2	8	6	10	3	0	0	0	6	23	2	4	3	1	2	3	6	8	2
Surrey.	Wisley ..	..	9	85	1003·5	-	38·8	1·5	7·0	86	8·4	1	2	1	12	15	0	3	1	2	4	2	14	5	0	0	0	4	21	6	4	4	0	1	4	6	5	1

* Mean of hourly readings.

g Temperature from thermometers on a Glaisher stand.

TABLE IV (*continued*).—SUMMARY of the OBSERVATIONS of PRESSURE, TEMPERATURE, HUMIDITY, CLOUD, VISIBILITY and WIND at fixed hours at certain Stations during the month of DECEMBER, 1935

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.	4 to 7	1 to 3	Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
5. ENGLAND, S.E.—*cont.*		G.M.T.	ft.	mb.	mb.	°F.	°F.	mb.	%																										
Kent.	Biggin Hill H	7	572	1003·8	–	37·7	1·2	6·9	88	8·9	0	3	1	5	22	2	0	1	1	4	3	8	*9*	3	*0*	0	15	12	4	1	5	3	2	4	7	4	1
		13	572	1003·5	–	40·3	2·0	7·1	82	7·8	3	2	1	10	15	1	2	0	2	4	2	11	*8*	1	*0*	0	16	13	2	3	3	1	1	5	6	8	2
		18	572	1004·5	–	38·0	1·2	7·0	88	6·5	6	4	1	5	15	0	1	0	7	2	3	10	*8*	0	*0*	0	11	17	3	4	3	1	2	3	8	7	0
Kent.	Dungeness ..	7	—	–	–	39·5	1·1	7·2	90	7·8	1	4	1	16	9	*0*	1	0	0	4	7	7	*12*	*0*	0	0	14	17	0	3	6	1	4	2	7	4	4
		13	—	–	–	42·7	1·6	8·1	87	7·6	1	3	4	15	8	*0*	0	1	0	3	10	10	*7*	*0*	0	2	15	14	0	4	3	4	1	4	7	4	4
		18	—	–	–	40·7	1·1	7·9	91	5·8	6	4	7	6	8	*0*	0	1	1	2	8	13	*6*	*0*	0	0	13	17	1	4	4	2	0	4	6	6	4
Kent.	Lympne .. H	1	345	1004·5	–	37·2	1·3	6·7	87	6·8	5	5	0	4	17	0	0	2	*1*	3	1	*12*	9	2	1	0	12	19	0	5	5	1	4	3	2	6	5
		7	345	1004·0	–	37·6	1·2	6·9	89	7·3	1	4	2	8	16	0	0	3	*1*	2	5	*8*	7	4	1	0	16	15	0	5	3	3	4	2	4	6	4
		13	345	1003·5	–	40·8	1·7	7·4	85	7·1	2	5	3	9	12	0	0	2	*2*	2	5	*11*	5	4	0	0	18	13	0	4	5	1	2	6	3	8	2
		18	345	1004·5	–	38·5	1·3	7·1	88	7·0	4	4	1	10	12	0	0	1	*2*	2	3	*15*	7	1	0	0	12	19	0	3	7	0	2	3	4	9	3
Kent.	Manston	7	141	1003·5	–	38·8	1·4	7·1	87	8·1	1	4	0	10	16	1	0	1	0	2	2	8	*9*	*8*	*0*	0	16	14	1	2	4	1	6	2	7	6	2
		13	141	1003·1	–	41·5	1·9	7·5	83	8·1	2	2	2	10	15	2	0	0	0	1	4	11	*10*	*3*	*0*	0	18	11	2	2	3	1	4	3	5	9	2
		18	141	1004·0	–	39·8	1·6	7·2	85	6·5	6	3	2	10	10	2	0	0	2	0	4	7	*15*	*1*	*0*	0	13	17	1	4	4	0	1	5	7	8	1
Kent.	Tunbridge Wells ..	9	407	1004·4	–	37·2	0·7	6·9	93	8·1	0	2	4	10	15	0	1	*1*	3	3	5	11	6	1	*0*	0	1	30	0	2	5	2	2	3	5	6	6
Sussex.	Brighton .. H	9	48	1003·8	–	40·8	1·1	8·0	91	7·5	1	3	7	5	15	0	0	2	2	6	6	10	0	5	*0*	0	4	26	1	10	4	0	0	4	6	3	3
Sussex.	Hastings H	9	174	1004·0	–	39·6	1·4	7·1	87	7·5	0	4	5	10	12	0	0	0	0	0	20	8	*2*	*1*	*0*	0	6	25	0	0	12	0	2	3	6	0	8
		21	174	1004·3	–	39·4	1·6	7·0	86	4·6	12	1	7	5	6	0	0	0	0	4	18	7	*2*	*0*	*0*	1	7	21	2	0	12	0	1	0	7	2	7
Hampshire.	Calshot	7	15	1003·5	–	40·0	0·8	7·8	93	7·8	1	4	3	8	15	0	1	0	0	0	0	3	14	13	*0*	0	12	16	3	5	3	0	4	5	3	4	4
		13	15	1003·7	–	43·1	1·9	7·9	84	6·9	1	5	5	12	8	0	1	0	0	1	2	10	11	6	*0*	0	15	11	5	5	3	1	1	2	5	7	2
		18	15	1004·4	–	40·9	1·4	7·5	87	5·4	6	5	7	3	10	1	0	0	0	1	2	5	15	7	*0*	0	14	14	3	3	3	1	3	5	3	6	4
Hampshire.	Southampton ..	9	84	1003·8	-10·4	39·5	1·2	7·2	89	9·0	1	0	1	7	22	0	4	2	1	5	*15*	4	0	0	*0*	0	5	26	0	3	8	1	2	1	5	4	7
		21	84	1004·8	-9·4	39·3	1·4	7·1	88	7·9	5	1	1	0	24	1	3	2	3	3	*4*	15	0	0	*0*	0	5	26	0	2	10	0	1	1	5	6	6
Hampshire.	S. Farnborough H	7	256	1003·4	–	37·7	0·9	7·2	91	8·5	0	3	2	10	16	0	1	2	1	2	0	16	7	*2*	*0*	0	4	24	3	1	4	3	1	5	2	8	4
		13	256	1003·2	–	42·4	2·3	7·5	80	7·4	2	3	3	15	8	0	1	1	1	0	8	9	9	*2*	*0*	0	7	21	3	2	3	1	1	4	2	11	4
		18	256	1004·3	–	38·2	1·3	7·0	88	6·2	3	5	8	4	11	0	0	1	4	4	5	7	10	*0*	*0*	0	4	25	2	3	2	2	2	3	*6*	8	3
I. of Wight.	Ventnor (Hosp.) ..	9	80	1003·7	–	41·9	1·5	7·9	87	7·5	0	4	4	13	10	–	–	–	–	–	–	–	–	–	–	0	8	23	0	8	3	5	1	0	2	8	4
		15	80	1003·9	–	43·5	2·3	7·8	80	7·1	0	4	6	14	7	–	–	–	–	–	–	–	–	–	–	0	6	25	0	7	6	2	0	1	2	6	7
Wilts.	Amesbury H (Boscombe Down)	7	418	1003·3	–	37·4	0·8	7·3	94	7·3	1	5	5	5	15	0	2	0	1	1	1	10	15	*1*	*0*	0	11	16	4	5	4	2	3	5	0	7	1
		13	418	1003·7	–	40·8	1·8	7·6	86	7·1	2	5	3	9	12	0	1	0	1	4	2	6	15	*2*	*0*	0	13	16	2	4	3	1	2	5	2	9	3
		18	418	1004·2	–	38·1	1·1	7·2	90	6·2	5	3	6	8	9	0	1	1	1	1	5	9	13	*0*	*0*	0	10	17	4	4	3	2	2	4	3	6	3
Wilts.	Larkhill .. H	9	444	1003·5	–	37·2	0·9	7·0	91	7·8	0	3	3	15	10	0	1	0	1	3	4	8	8	6	*0*	0	13	15	3	6	4	1	1	4	3	7	2
		13	444	1003·3	–	40·6	1·9	7·2	83	7·2	2	4	3	11	11	0	1	0	1	4	1	4	8	12	*0*	0	18	9	4	5	3	2	1	2	3	9	2
		15	444	1003·8	–	39·9	1·7	7·1	84	6·9	1	6	3	13	8	0	1	1	1	1	3	4	8	12	*0*	0	15	12	4	5	3	1	1	1	6	9	1
7a. ENGLAND, N.W.																																			
Lancashire.	Hutton	9	86	–	–	35·7	1·1	6·3	89	6·8	2	5	5	5	14	–	–	–	–	–	–	–	–	–	–	0	1	26	4	1	4	4	6	3	1	3	5
Lancashire.	Manchester H (Barton)	7	83	1002·9	–	36·1	0·9	6·6	91	8·1	1	5	1	5	19	2	4	1	2	4	*7*	10	1	0	0	0	7	19	5	1	4	3	3	5	2	4	4
		13	83	1002·6	–	38·7	1·4	7·1	88	8·1	1	1	6	9	14	3	3	3	3	3	*8*	6	2	0	0	0	9	16	6	1	2	3	2	5	2	4	6
		18	83	1003·0	–	37·3	1·1	6·9	90	7·5	1	5	3	10	12	3	1	4	0	11	*6*	6	0	0	0	0	9	19	3	3	1	5	2	6	4	4	3
Lancashire.	Manchester (Whitworth Pk.)	9	127	1003·2	–	37·8	1·3	6·8	88	8·7	0	1	5	8	17	–	–	–	–	–	–	–	–	–	–	0	0	24	7	3	1	4	3	6	2	4	1
		21	127	1003·1	–	38·3	1·2	6·9	89	7·8	2	3	3	7	16	–	–	–	–	–	–	–	–	–	–	0	1	24	6	1	0	6	6	5	1	3	3
Lancashire.	Southport* H (Bedford Rd. Park)	9	34	1003·1	-8·2	37·0	1·1	6·8	89	8·0	0	5	2	10	14	0	1	2	1	6	13	1	2	5	*0*	0	11	19	1	3	2	7	9	2	1	2	4
		13	34	1002·4	-8·7	40·2	2·0	7·1	83	7·8	1	5	1	10	14	0	1	2	2	2	11	3	2	8	*0*	0	11	20	0	3	3	4	8	4	0	4	5
		18	34	1002·8	-8·5	38·5	1·8	6·9	86	6·9	3	4	4	9	11	0	3	1	0	2	14	3	7	1	*0*	1	8	21	1	2	2	4	7	4	2	3	6
		21	34	1003·0	-8·4	38·0	1·3	7·0	88	6·7	5	5	3	8	12	0	0	3	0	3	17	2	5	1	*0*	1	9	19	2	1	3	4	8	3	1	3	6
Lancashire.	Stonyhurst ..	9	381	1003·5	–	35·6	1·2	6·3	88	7·1	1	6	4	4	16	0	2	1	2	0	3	15	*2*	*6*	*0*	0	5	24	2	4	5	4	2	2	5	6	1
		21	381	1003·1	–	36·2	1·0	6·4	90	5·5	9	4	2	2	14	0	5	0	2	3	3	12	*6*	*0*	*0*	0	6	25	0	5	8	2	1	4	4	6	1
Cheshire.	Bidston Obs'y. ..	9	202	1003·0	–	37·9	1·0	7·0	91	7·5	2	3	4	10	12	*0*	2	5	3	4	2	2	*5*	8	0	0	12	13	6	1	3	6	5	1	0	6	3
		21	202	1003·1	–	38·9	1·2	7·2	89	7·3	4	1	2	14	10	*0*	1	1	1	0	4	4	*8*	11	1	1	12	15	3	1	3	6	4	2	2	8	2
7b. NORTH WALES.																																			
Flint.	Sealand .. H	7	19	1003·1	–	36·0	1·2	6·5	88	7·4	3	2	4	7	15	2	2	0	4	4	1	15	*3*	*0*	*0*	0	7	18	6	1	2	0	9	3	1	7	2
		13	19	1002·9	–	39·8	1·9	7·0	83	7·1	1	6	4	11	9	2	1	2	3	6	7	7	*2*	*1*	*0*	0	7	22	2	1	1	2	10	2	1	7	5
		18	19	1003·2	–	38·0	1·7	6·7	85	6·2	2	7	6	6	10	2	0	1	1	8	5	10	*3*	*1*	*0*	0	6	21	4	0	3	2	8	2	2	6	4
Anglesey.	Holyhead .. H	1	29	1002·1	–	42·2	1·9	7·7	84	6·6	0	8	5	9	9	0	0	0	0	0	0	2	5	9	15	0	2	11	15	3	2	2	5	1	4	3	9	2
		7	29	1002·0	-8·1	42·1	1·9	7·6	83	6·9	1	6	4	13	7	0	0	0	0	0	0	0	2	14	14	1	1	16	12	2	3	4	4	5	3	1	6	3
		13	29	1001·7	–	44·0	2·4	7·9	80	6·3	0	7	9	7	8	0	0	0	0	0	0	1	3	8	18	1	1	18	10	2	2	3	3	2	5	2	5	7
		18	29	1002·0	–	43·5	2·2	7·9	82	6·5	0	6	8	10	7	0	0	0	0	0	0	0	5	11	15	0	1	16	11	3	2	4	2	3	4	2	6	5
Carnarvon.	Llandudno ..	9	33	1002·4	–	40·1	2·1	6·8	81	6·8	2	2	7	16	4	0	0	0	0	1	5	1	7	*17*	*0*	0	4	27	0	1	1	6	3	8	3	7	2
8a. SOUTH WALES.																																			
Pembroke.	St. Ann's Head ..	1	152	1002·2	–	42·8	2·1	7·7	82	6·6	2	8	1	12	8	0	0	0	0	0	0	*7*	22	2	*0*	2	16	13	0	1	7	5	3	1	2	4	8
		7	152	1001·8	-9·3	42·2	1·8	7·7	84	7·3	0	6	4	12	9	0	0	0	0	0	0	*9*	20	2	*0*	0	15	14	2	3	5	6	2	2	2	3	6
		13	152	1002·3	–	44·6	2·5	8·1	80	7·8	0	2	5	19	5	0	0	0	0	0	0	*8*	21	2	*0*	0	17	14	0	2	4	3	3	4	4	5	6
		18	152	1002·5	–	43·9	2·6	7·7	79	7·7	0	3	4	14	10	0	0	0	0	0	0	10	17	4	*0*	2	13	16	0	1	6	3	3	2	4	4	8

* Visibility at Hesketh Park; 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 month of DECEMBER, 1935

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.	4 to 7	1 to 3	Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
8a. SOUTH WALES—*cont.*	G.M.T.	ft.	4 mb.	mb.	°F.	°F.	mb.	%															0											
Radnor. Rhayader	9	—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Glamorgan. Cardiff	9	216	1003·9	-	38·3	1·4	6·8	87	6·2	5	6	2	6	12	0	0	0	2	4	8	12	4	1	0	0	10	21	0	3	7	1	1	3	7	6	3
	21	216	1004·4	-	39·1	1·4	7·1	87	5·1	12	2	2	3	12	0	1	0	0	0	3	19	1	7	0	0	5	26	0	1	4	3	3	1	7	7	5
8b. ENGLAND, S.W.																																		
Somerset. Bath	9	113	1003·7	-	39·0	1·3	7·1	88	7·7	1	4	5	5	16	0	5	2	1	4	7	7	4	1	0	0	5	20	6	2	5	3	0	4	3	7	1
Dorset. Holton Heath H	9	58	1004·1	-	39·8	1·2	7·6	89	7·4	2	2	6	7	14	0	1	0	0	1	7	6	15	1	0	0	15	15	1	3	7	1	1	3	4	5	6
	15	58	1003·8	-	42·2	2·1	7·7	83	7·1	3	1	8	9	10	0	1	0	0	0	4	12	14	0	0	0	13	15	3	3	5	2	0	2	5	4	7
Dorset. Portland Bill ..	1	37	1003·2	-	43·8	1·4	8·7	88	7·5	3	3	2	8	15	0	0	0	0	0	0	3	24	4	0	0	18	13	0	1	5	3	3	2	0	7	10
	7	37	1002·6	-9·9	43·2	1·4	8·3	88	8·1	0	3	5	9	14	0	0	0	0	0	0	4	22	5	0	0	18	13	0	4	6	3	1	2	4	4	7
	13	37	1003·3	-	44·9	1·6	8·8	87	6·9	0	8	5	7	11	0	0	0	0	0	0	5	21	5	0	0	18	13	0	3	6	4	0	2	5	4	7
	18	37	1003·8	-	44·1	1·4	8·7	88	7·7	0	6	3	7	15	0	0	0	0	0	0	5	21	5	0	0	17	14	0	3	7	2	1	2	6	3	7
Devon. Plymouth H	7	27	1003·2	-	41·5	1·6	7·9	87	7·2	1	5	4	12	9	0	0	0	0	0	1	4	7	19	0	0	16	12	3	2	7	3	1	2	2	4	7
(Mount Batten) ..	13	27	1004·1	-	44·5	2·4	8·1	80	7·5	1	2	5	18	5	0	0	1	0	2	1	6	12	9	0	0	16	13	2	3	6	5	0	2	4	4	5
	18	27	1004·4	-	43·5	2·1	8·1	83	6·5	4	5	5	8	9	0	0	0	0	0	7	7	10	7	0	0	12	18	1	2	7	0	4	2	5	4	6
Cornwall. The Lizard ..	1	240	1004·1	-	43·6	1·6	8·5	87	6·8	2	5	5	9	10	0	0	0	0	0	0	5	8	18	0	1	20	10	0	4	4	4	3	1	3	6	6
	7	240	1003·1	-	43·5	1·9	7·9	84	7·3	1	4	6	7	13	0	0	0	0	0	0	2	9	20	0	0	20	11	0	5	5	3	2	1	4	5	6
	13	240	1004·1	-	46·2	2·3	8·7	82	7·8	0	2	7	14	8	0	0	0	0	0	0	3	8	20	0	1	20	10	0	4	6	1	2	2	7	5	4
	18	240	1004·4	-	44·0	1·8	8·4	85	8·0	0	4	2	10	15	0	0	0	0	0	0	5	10	16	0	1	20	10	0	5	4	1	4	2	4	5	6
Cornwall. Newquay ..	9	161	1003·8	-	41·7	1·5	7·9	87	6·4	1	5	9	8	8	9	0	0	0	0	0	13	7	11	0	0	18	12	1	1	3	4	5	3	3	5	6
9. IRELAND, N.																																		
Sligo. Markree Castle ..	9	127	1002·9	-	35·9	1·0	6·4	90	5·9	6	1	9	5	10	0	0	0	0	0	1	8	7	15	0	0	3	11	17	1	1	1	3	1	1	1	5
	21	127	1002·7	-	37·8	0·9	7·1	91	6·6	4	3	7	6	11	0	0	0	0	0	1	5	15	10	0	0	5	11	15	0	0	0	3	4	0	2	7
Mayo. Blacksod Point ..	1	28	1003·1	-	41·2	1·6	7·5	86	6·3	2	6	7	6	10	0	0	0	0	0	0	0	23	8	0	0	11	14	6	0	0	5	3	6	0	7	4
	7	28	1002·5	-	41·5	1·6	7·5	86	6·5	3	6	6	4	12	0	0	0	0	0	0	1	21	9	0	0	10	15	6	0	0	7	2	3	1	8	4
	13	28	1002·7	-	43·3	2·3	7·6	81	6·9	1	3	11	7	9	0	0	0	0	0	0	2	7	22	0	0	14	12	5	0	0	8	2	2	0	7	7
	18	28	1002·9	-	41·6	1·9	7·6	83	5·5	3	8	8	4	8	0	0	0	0	0	0	0	15	16	0	0	14	10	7	0	0	4	2	3	1	8	6
Donegal. Malin Head ..	1	87	1001·2	-	41·2	1·2	8·0	89	6·1	1	8	3	13	6	0	0	0	0	0	0	2	26	3	0	0	9	22	0	9	1	1	4	8	2	4	2
	7	87	1001·0	-5·0	40·9	1·1	7·9	91	7·3	0	6	5	13	7	0	0	0	0	0	0	1	27	3	0	0	10	21	0	8	0	1	4	11	0	6	1
	13	87	1000·8	-	42·5	1·0	8·6	91	6·7	0	7	6	12	6	0	0	0	0	0	0	3	17	11	0	0	10	21	0	6	1	5	3	7	2	4	3
	18	87	1000·9	-	41·8	0·8	8·5	93	6·4	0	9	2	16	4	0	0	0	0	0	0	1	24	6	0	0	8	23	0	6	1	1	4	8	2	5	4
Antrim. Aldergrove H	7	245	1002·2	-	35·3	0·8	6·5	92	5·6	2	11	3	5	10	0	1	0	0	0	2	4	13	11	0	0	8	16	7	3	1	3	3	5	5	3	1
	13	245	1001·8	-	40·0	1·4	7·4	87	6·4	1	10	1	10	9	0	0	0	0	0	3	11	6	11	0	0	10	20	1	3	1	7	2	5	5	4	3
	18	245	1002·1	-	38·3	1·0	7·1	90	6·3	3	8	2	7	11	0	0	0	0	0	1	10	10	10	0	0	4	22	5	2	1	5	3	5	4	5	1
Armagh. Armagh .. H	9	209	1002·6	-6·7	35·3	1·0	6·4	89	6·0	4	7	3	6	11	0	1	0	1	1	2	7	9	10	0	0	3	22	6	1	2	3	3	4	6	4	2
	21	209	1002·5	-6·8	37·2	1·1	6·8	88	5·7	7	4	4	3	13	0	0	1	1	0	1	9	13	6	0	0	2	28	1	3	1	2	2	5	9	6	2
10. IRELAND, S.																																		
Dublin. Glasnevin	9	56	1004·2	-	37·7	1·1	6·9	90	6·9	2	0	13	6	10	0	1	4	0	11	6	6	1	2	0	0	0	31	0	0	1	5	5	1	2	7	10
	21	56	1004·3	-	39·1	1·1	7·2	90	4·7	12	0	7	4	8	0	0	3	0	11	4	8	1	4	0	0	2	26	3	1	3	1	2	2	2	7	10
Offaly. Birr Castle ..	7	193	1003·0	-6·7	34·9	0·5	6·5	95	5·6	7	5	3	6	10	0	0	0	1	0	0	0	13	17	0	0	0	25	6	2	3	0	2	6	1	5	6
	13	193	1002·9	-	39·7	1·2	7·5	89	7·5	1	4	5	9	12	0	0	0	5	0	0	0	5	21	0	0	1	30	0	2	3	2	1	9	3	4	7
	18	193	1003·3	-	37·9	0·7	7·2	93	6·8	1	7	5	7	11	0	0	0	3	0	0	0	12	16	0	0	0	31	0	2	3	1	3	8	2	5	7
Waterford. Seskin, Carrick-on-Suir	9	521	1003·9	-	37·3	0·5	7·1	95	6·7	2	6	4	5	14	0	6	0	0	0	0	4	7	7	7	0	10	11	10	4	0	1	2	1	2	4	7
	21	521	1004·2	-	38·0	0·7	7·2	93	6·0	4	7	4	5	11	0	1	0	0	1	1	5	6	9	8	0	13	9	9	2	0	0	1	3	3	2	11
Kerry. Valentia H	7	45	1003·2	-7·0	42·6	2·3	7·5	80	7·1	2	4	3	13	9	0	0	0	0	0	0	0	11	20	0	0	19	12	0	0	6	6	6	4	1	2	6
Observatory	13	45	1003·5	-7·2	45·1	2·7	7·9	79	7·2	0	5	6	11	9	0	0	0	0	0	0	0	6	19	6	0	17	11	3	1	2	3	4	4	1	4	9
	18	45	1004·0	-6·8	43·7	2·5	7·7	79	7·4	0	6	1	18	6	0	0	0	0	0	0	0	4	22	5	0	11	16	4	1	5	4	4	1	2	3	7
	21	45	1004·3	-6·7	42·4	2·3	7·4	80	6·1	1	9	2	11	8	0	0	0	0	0	0	0	5	25	1	0	13	12	6	1	5	4	2	2	3	1	7
	h.*	45	1003·8	-6·9	43·3	2·5	7·5	79																										
Cork. Roche's Point ..	7	24	1003·9	-7·1	40·7	1·2	7·8	89	5·5	2	9	6	7	7	0	0	0	1	0	0	2	7	21	0	1	6	24	0	6	5	3	1	4	1	5	6
	13	24	1004·3	-	44·2	2·0	8·2	84	7·1	0	4	9	12	6	0	0	0	0	0	1	4	5	21	0	0	9	22	0	6	4	2	2	2	5	4	6
	18	24	1004·5	-	42·5	1·4	8·3	88	6·3	1	5	11	9	5	0	0	0	0	2	0	0		21	0	0	9	22	0	4	5	2	2	1	4	2	11
11. CHANNEL I. & SCILLY.																																		
Scilly. St. Mary's	1	199	1004·2	-	45·1	1·9	8·6	85	6·6	1	8	4	9	9	0	0	0	0	0	0	8	11	12	0	0	22	8	1	3	1	6	4	3	3	2	8
	7	199	1003·4	-8·7	45·2	2·0	8·5	84	6·8	0	5	8	10	8	0	0	0	0	0	1	4	13	13	0	3	19	9	0	2	2	5	2	2	3	4	11
	13	199	1004·1	-	47·3	2·9	8·6	77	8·0	0	3	3	16	9	0	0	0	0	0	0	5	16	10	0	1	23	7	0	2	4	3	4	2	5	5	6
	18	199	1004·1	-	45·6	2·1	8·8	83	8·1	0	3	3	13	12	0	0	0	0	0	1	9	12	9	0	0	22	9	0	2	2	6	3	2	3	4	9
Guernsey. St. Peter Port H	1	186	1004·6	-	44·8	1·8	8·7	85	7·7	0	4	7	4	16	0	0	0	0	1	4	11	8	7	0	0	20	10	1	3	4	4	2	4	2	6	5
	7	186	1003·9	-	44·8	1·9	8·6	84	8·0	0	1	6	12	12	0	0	0	0	0	1	11	11	7	1	1	17	11	2	3	4	4	1	3	3	5	6
	13	186	1004·3	-	46·0	2·4	8·6	81	7·9	0	2	6	12	11	0	0	0	0	1	0	8	18	3	1	0	20	9	2	3	5	2	2	3	4	3	7
	18	186	1005·0	-	44·6	2·1	8·3	83	7·6	2	2	6	6	15	0	0	0	0	0	1	19	10	1	0	0	18	12	3	1	6	3	1	5	3	1	8
GIBRALTAR .. .. H	7	90	1017·4	-2·7	53·8	3·3	11·2	78	5·7	0	11	5	12	3	0	0	0	0	0	0	1	19	11	0	0	22	8	1	1	1	0	0	0	1	10	17
	13	90	1017·4	-	57·8	5·3	11·3	68	5·7	0	12	3	12	4	0	0	0	0	0	0	1	12	18	0	0	25	4	2	0	0	1	0	0	2	15	11
	18	90	1017·4	-	55·8	3·6	11·8	77	5·5	1	12	4	10	4	0	0	0	0	0	0	2	17	12	0	1	20	10	0	1	1	0	0	0	1	17	11
	21	90	1017·8	-	54·8	3·3	11·8	78	3·8	6	13	4	6	2	0	0	0	0	0	0	3	17	11	0	0	22	8	1	1	0	0	0	0	0	15	14
MALTA .. .. H	7	234	1012·1	-5·0	56·8	4·1	11·9	75	6·7	0	7	3	19	2	0	0	1	0	0	1	3	2	21	3	0	12	18	1	0	1	0	4	4	7	11	3
	13	234	1011·6	-	60·5	6·3	11·7	65	5·8	0	8	8	13	2	0	0	0	0	0	0	1	4	25	1	0	19	12	0	0	1	2	2	3	7	13	3
	18	234	1012·3	-	57·3	4·1	12·1	75	5·8	0	10	5	12	4	0	0	0	0	0	0	1	4	26	0	0	14	17	0	0	1	2	2	6	4	13	3

* Mean of hourly readings.

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 temperature 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:—*Royal Observatory, Greenwich.*—A Glaisher stand is used. *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.

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 Gale 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 arrangement 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.

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—Rhayader (9), Tavistock (17), Plymouth (15), Balbriggan (25), Newcastle, Co. Wicklow (30).

"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*), *Pressure* (*Table IV*).—The averages refer to the period 1881–1915 and are "weighted" if the record is not complete for that period.

Temperature and Sunshine (*Table III*).—The averages refer to periods of from 10 to 30 years ending 1930, the actual period for each station being stated in the Introduction. Differences from 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.

(14173) Wt. 21/17/Ps.588. 900. 1/36. P.L.R. & CO. LTD. G.922.

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MONTHLY WEATHER REPORT OF THE METEOROLOGICAL OFFICE

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VOL. 52, No. 13. ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE. *Price 1/- net, post free, 1/1½.*

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SUMMARY FOR THE YEAR 1935

Climatological Section.

Wind Section

A VARIABLE YEAR; MILD ON THE WHOLE; RAINFALL ABOVE AVERAGE IN GREAT BRITAIN; A STORMY AND WET AUTUMN

The weather of the year 1935 was very variable and many interesting features occurred. Among the most notable were the severe frost and unusual snowfall of mid-May, the warm, sunny and mainly very dry period during the summer holidays from about the 20th June to 22nd August, the excessive and frequent rainfall of the three autumn months, the violent gales of September 16th-18th and October 18th-20th, and the severe frost and widespread fog of the period December 17th-24th.

In most districts the weather of JANUARY was distinguished by a marked deficiency of rainfall. An excess occurred, however, in east and north-east England, and at some places in the west and north of Scotland. Mean temperature somewhat exceeded the average, while sunshine was variable, for example, in Ireland, N., the percentage of the average amounted to only 62, while in Scotland, W., the percentage was 146. FEBRUARY was very mild and wet, with frequent strong winds and gales. Sunshine was deficient on the whole, except in Ireland and parts of Scotland. In contrast, MARCH was unusually dry. Sunshine slightly exceeded the average for the country generally, but it was variable, the district values ranging from 89 per cent. of the average in Scotland, W., to 131 per cent. in Scotland, N. The month was very mild, notably from the 18th-28th, but an interesting cold spell occurred from the 8th-11th, particularly in southern England, and a fairly heavy fall of snow was reported locally in south-west England around the 10th. APRIL was mainly wet, excessively so in England and Wales and east and south-east Scotland. It was also dull, the only district recording an excess of sunshine being England, N.W. Mean temperature somewhat exceeded the average except in Scotland, N., and Scotland, E. The weather of MAY was remarkable for a large deficiency of rainfall, except at some stations in the southern half of England, and for an exceptionally cold, wintry spell from the 12th-19th, the latter causing much damage to trees, fruit and early vegetables. Sunshine was excessive in all districts except southern England and the Channel Islands, the most striking feature of the distribution being the remarkable excess enjoyed in Scotland, W., England, N.W., and Ireland, N. JUNE was a wet month, with frequent and, sometimes severe, thunderstorms. The first three weeks were very unsettled, rather cool and dull, with rain nearly every day. In contrast were the prolonged warm and sunny spells, which occurred after the 20th. Mean temperature for the month was above the average, and, although sunshine was decidedly deficient in most districts, there was more than the average amount at many places in the eastern and central districts of England.

In contrast to June, the weather of JULY was distinguished by an almost universal excess of sunshine, a large deficiency of rainfall except at some stations in the west and north of Scotland, and an unusual number of warm days, particularly in the south-east and east of England. At numerous stations in England and Wales it was the driest July since records became available, and at some places in Great Britain it was the sunniest July on record.

AUGUST was warm and dry on the whole, though rainfall exceeded the average in parts of southern England, in north and west (but not south-west) Scotland and isolated areas elsewhere. Sunshine was excessive in England and Wales and variable elsewhere. At Stornoway it was the dullest August since records began in 1881. SEPTEMBER was very unsettled and unusually wet, the general rainfall amounting to nearly 200 per cent. of the average. A few places scattered over England and Wales received more than three times the average, and at some stations in England and southern Ireland, it was the wettest September on record. Sunshine was variable, but broadly speaking, values were below the average in western districts and somewhat above in eastern districts. Severe gales prevailed from the 16th to 19th, the one of the 16th to 17th being exceptionally severe in the southern half of England. OCTOBER was dull and wet, on the whole, particularly in Scotland. Over a wide area in Scotland rainfall was more than twice the average, while at Inveraray, Inverness and Glasgow (Queen's Park) totals exceeded three times the average. Less than the average fell in parts of the southern half of the country, particularly in the extreme south and south-east of Ireland and in some areas in the eastern districts of England. Strong winds and gales were more frequent than is usual in October, the gale of the 18th-20th being widespread and very violent, especially in the northern half of the country. The deficiency of sunshine was very marked in Scotland and England, N.W. ; in a few instances it was the dullest October on record. NOVEMBER was the third successive month in which rainfall exceeded the average over the British Isles generally. The excess was notable over most of England, but in the north-west of Scotland there was a considerable deficiency. Mean temperature somewhat exceeded the average in Great Britain and was slightly below the average in Ireland, while, broadly speaking, sunshine totals exceeded the average in Ireland, south-west England, and the north of Scotland, and were, for the most part, below the average elsewhere. The weather of DECEMBER was chiefly remarkable for an extremely cold spell from the 17th-24th, excessive sunshine, except in south-eastern districts, much fog from the 6th-8th and 17th-24th, and widespread flooding in England in the last week. Rainfall was deficient in Scotland and Ireland, but more than the average fell over a considerable part of England, including the Midlands, southern districts (except the extreme south-west) and part of the eastern districts.

Pressure and Wind.—Mean pressure for the year was everywhere below the average, the deficiency at 7h. varying from 0·4 mb. at the Scilly Isles to 2·1 mb. at St. Ann's Head and Aberdeen. Large variations occurred, however, in individual months.

In JANUARY pressure markedly exceeded the average, particularly in the western half of the country, the excess at 7h. varying from 15·0 mb. at Valentia to 6·6 mb. at Yarmouth. Westerly or northerly winds predominated. Widespread gales occurred from the 10th-12th and 24th-26th, those during

the latter period being severe. Mean pressure in FEBRUARY was much below average generally especially in the north, the deviation at 7h. varying from —4·9 mb. at Scilly to —13·8 mb. at Lerwick. The gradient for westerly winds was thus increased, and the prevailing winds were mainly from some westerly point and strong winds and gales were frequent. In MARCH mean pressure greatly exceeded the average generally, the excess at 7h. ranging from 7·4 mb. at Valentia to 10·9 mb. at Lerwick. Gales were not frequent, but occurred at times. In contrast mean pressure in APRIL was everywhere below the average, the deficiency at 7h. ranging from 2·7 mb. at Scilly and 2·9 mb. at Stornoway to 6·0 mb. at Tynemouth and Spurn Head. Except in southern districts, northerly winds were rather prevalent. The most widespread gales occurred around the 10th and 11th. Mean pressure exceeded the average in MAY, the deviation at 7h. varying from +9·6 mb. at Lerwick to +2·8 mb. at Portland Bill. Winds from between north and east were unusually persistent. Northerly gales occurred over a wide area at exposed places on one or other of the days between the 14th and 17th, the most notable being that at Scilly on the 17th. In JUNE mean pressure was below the average generally, the deficiency being greatest in Ireland, where it amounted to about 8 mb. The wind was most frequently from south or south-west and was generally strongest over England on the 7th.

Mean pressure everywhere exceeded the average in JULY, the excess varying from 5·8 mb. at Valentia to 1·4 mb. at Lerwick. The strongest winds occurred on the whole between the 3rd and 5th and on the 27th and 28th. In AUGUST mean pressure somewhat exceeded the average generally, and the month was, on the whole, rather quiet, though gale force was recorded at a few stations. During each of the last four months of the year pressure was deficient. In SEPTEMBER the deficiency at 7h. varied from 4·8 mb. at Portland Bill to 10·2 mb. at Wick. Winds were most often from between south-west and west, and a remarkable period of strong westerly winds and gales occurred from the 15th-20th. In southern England the gale of the 16th to 17th was phenomenal for September. In OCTOBER the deviation from the average pressure at 7h. varied from +0·4 mb. at Scilly to —11·5 mb. at Lerwick. The mean pressure-gradient was markedly increased, and strong winds and gales were more frequent than is usual in October. The gale of the 18th-20th was general and very violent, especially in the northern half of the country. Mean pressure was decidedly below the average generally in NOVEMBER, the deficiency at 7h. varying from 4·9 mb. at Lerwick to 11·3 mb. at Valentia. Local gales occurred at times chiefly between the 2nd and 5th and 25th and 30th. As in the previous months, pressure in DECEMBER was below the average, the deficiency being greatest in the south. At 7h. the deviation from the average varied from —3·6 mb. at Lerwick to —10·1 mb. at Kew Observatory. On the whole, the month was not a windy one for the time of year : the most widespread gale occurred on the 1st and 2nd.

Noteworthy Gales.—During widespread gales from January 24th to 26th, mean hourly speeds of 60 m.p.h. and 59 m.p.h. were registered at Butt of Lewis and Bell Rock Lighthouse respectively on the 25th, while gusts of 100 m.p.h., 89 m.p.h., 87 m.p.h. and 87 m.p.h. were registered at Butt of Lewis, Bell Rock, South Shields and Bidston Observatory. On February 2nd, a gust of 89 m.p.h. occurred at Lerwick and one of 88 m.p.h. at Butt of Lewis. Northerly gales occurred at times at exposed places from the 14th-17th May, the most notable being that at the Scilly Isles on the 17th, when a mean hourly wind speed of 64 m.p.h. and a gust of 90 m.p.h. were registered. At Pendennis Castle, on June 7th, a mean hourly speed of 51 m.p.h. was registered, an unusual figure for June. Perhaps the most exceptional gale of the year in southern England was that of September 16th-17th : mean hourly wind velocities of 66 m.p.h., 64 m.p.h. and 63 m.p.h. were registered at Scilly Isles, Pendennis Castle and the Lizard respectively, while among the highest speeds recorded in gusts were 98 m.p.h. at Pendennis, 96 m.p.h. at Scilly and 92 m.p.h. at the Lizard. The gale was comparable with the worst winter gales that have been experienced in southern England. The gale of October 18th-20th was also exceptional, particularly in northern districts. A mean hourly velocity of 68 m.p.h. was registered at Bell Rock Lighthouse on the 19th, and one of 60 m.p.h. at Tiree late on the 18th, while gusts of 101 m.p.h., 92 m.p.h., 90 m.p.h. and 88 m.p.h. were recorded at Bell Rock Lighthouse, Abbotsinch, Dunfanaghy Road and Bidston respectively on the 19th and one of 90 m.p.h. at Tiree on the 18th. The gales of September 16th-17th and October 18th-20th are described in detail in the " Meteorological Magazine," vol. 70, pp. 225-229.

Temperature.—A feature of the year was its general mildness, the deviation from the average for districts 1-10 being +0·7° F. The long warm period from about June 21st to August 24th and the two severely cold spells from May 12th-19th and December 17th-24th are of particular interest.

In JANUARY mean temperature exceeded the average except in the Channel Islands, the excess being greatest in east and north Scotland. The first three days were exceptionally mild, temperature rising to 55° F. or above locally in most districts on the 1st or 2nd. The coldest spells were the 7th-9th and 26th-29th. FEBRUARY was unusually mild generally ; the deviation from the average for districts 1-10 was +2·3° F., the coldest spells being from the 7th-10th and 23rd-26th. Mean temperature in MARCH was well above the average. A cold spell occurred from the 8th-11th, particularly in southern England, and, on the 9th, day temperature only reached or slightly exceeded freezing point at numerous stations. A notable mild spell occurred from the 18th-28th; temperature reached 60° F. or above at some station or other on most of these days. In APRIL, mean temperature somewhat exceeded the average except in north and east Scotland. A spell of cold northerly winds prevailed from the 2nd-5th or 6th, and some low minima were registered from the 5th-7th and on the mornings of the 12th and 13th. The period 20th-30th was mild. In MAY, mean temperature was well below the average except in Ireland and Scotland, W. It was a month of marked temperature contrasts. Maxima of 75° F. or above were recorded at numerous stations in England on the 6th and 79° F. was touched in parts of London. On the other hand the period 12th-19th was exceptionally cold ; screen minima of 25° F. or below were registered at many places and temperature fell to 17° F. at Rickmansworth and to 20° F. at Cantref on the 17th. Mean temperature exceeded the average generally in JUNE ; the first twenty days were rather cool but the last ten were decidedly warm. The long summer period from June 20th-August 24th was unusually warm. Some notable warm spells were June 21st-25th and around June 29th, July 9th-16th with the peak around the 13th, July 22nd-28th, August 5th-11th and August 20th-24th. The monthly mean temperature for both JULY and AUGUST was markedly above the average.

SEPTEMBER was somewhat milder than usual. There were no very notable extremes ; a brief cool spell occurred from the 24th-26th. Mean temperature in OCTOBER was somewhat below the average generally. The coldest spell occurred from the 20th-26th ; some unusually low minima were recorded in England and Wales on the 21st (15° F. at Rickmansworth and 18° F. at Usk). Two mild spells were experienced from the 13th-18th and 27th-29th, when the nights as well as the days were mild. In NOVEMBER mean temperature exceeded the average in Great Britain and was below the average in Ireland. The warmest spell was the first few days, when the nights were also very mild. The coldest period occurred from the 23rd-26th. Mean temperature in DECEMBER was well below the average. The month was noteworthy for the exceptionally severe spell from the 17th-24th. Screen minima below 15° F. were registered at numerous stations, while 4° F. was recorded at Braemar and 7° F. at Balmoral, Mayfield and Rickmansworth on the 24th. A rapid rise of temperature occurred during the 24th and the last week of the year was mild.

The extremes for the year were :—(England and Wales) 92° F. at Attenborough on July 13th, 7° F. at Mayfield and Rickmansworth on December 24th ; (Scotland) 84° F. at Dunbar and Kelso on June 22nd, at Liberton on July 13th and at Gordon Castle on August 20th, 4° F. at Braemar on December 24th ; (Ireland) 81° F. at Newcastle, County Wicklow, on July 13th and 12° F. at Markree Castle on December 23rd.

Precipitation.—The general precipitation of the British Isles expressed as a percentage of the average for the period 1881-1915 was 110, the values for the constituent countries being, England and Wales 114, Scotland 109 and Ireland 98. In England less than the average rainfall was recorded in an area bordering the Wash and extending southward to Ely, Cambridgeshire, and in a few small, scattered areas elsewhere. Falls of more than 110 per cent. of the average were widespread. Falls of more than 130 per cent. were chiefly confined to parts of southern England, including areas from Dorking to Tenterden and southward to Heathfield (Sussex), from Bath to Alresford (Hants.) and south-west to Fordingbridge, and at Ventnor and Littlehampton. More than 130 per cent. was also recorded at one or two isolated stations elsewhere. Over Wales the variation was from rather less than the average in the extreme south-west to over 120 per cent. at Lake Vyrnwy, Montgomeryshire. Falls of more than 110 per cent. were widespread in central and northern Wales. In Scotland, less than the average rainfall was recorded in the Outer Hebrides, in a strip from Crieff to Carnoustie, over a fairly large part of the south-eastern counties including Peebles, Selkirk, Haddington, Berwick and part of Roxburgh, and in south-west Ayrshire. More than 110 per cent. occurred over wide areas in the north, north-east, west and in a strip from Glasgow to Thornhill, and more than 120 per cent. in a coastal strip of Aberdeenshire, in parts of Argyll, Sutherland and around Inverness. Over a large part of Ireland falls approximated fairly closely to the average. Less than the average occurred in the south from County Kerry to Dublin and less than 80 per cent. near Carlow. Less than the average was recorded also locally in the extreme north-west and in a strip extending from County Longford to the north-east coast, while rather more than 110 per cent. was recorded locally in Londonderry, Connemara and West Meath.

With regard to individual months, over the British Isles as a whole, the first six months were alternately unusually dry and excessively wet, July was the driest month of the year and August was rather dry. The three autumn months, September to November inclusive, were conspicuously wet, the percentage of the average for the three months being 160. In December, rainfall equalled the average over England and Wales and was less than the average in Scotland and Ireland. Up to the end of August, rainfall over the country was in general less than the average, but the persistent rains of the autumn months and of the last week of December resulted in widespread floods at the end of the year, especially in the Midlands and the south of England.

Heavy falls in 24 hours or less include :—

February	15th	..	94 mm. at Ambleside and at Watendlath (Cumberland).
February	18th	..	97 mm. at Fort William.
June	23rd	..	108 mm. at Aberfeldy (Perthshire).
June	25th	..	153 mm. at Swainswick (Somerset).
July	1st	..	83 mm. at Exbury (Hants).
July	20th	..	109 mm. at Baltasound and 86 mm. at Lerwick.
August	10th	..	104 mm. at Kinlochquoich (Inverness-shire) and 97 mm. at Ardgour (Argyllshire).
September	2nd	..	81 mm. at Borrowdale.
October	18th	..	99 mm. at Glenquoich (Inverness-shire).

Thunderstorms.—The number of thunderstorms during the year was above the average frequency at most stations, particularly in north-west Scotland, the Midlands, east and north-west England. For instance, Stornoway had 8 compared with an average of 3, Yarmouth 17 (average 11), Buxton 18 (average 10), Oxford 15 (average 11), Southport 22 (average 11), Stonyhurst 26 (average 18) and Liverpool 18 (average 9). Thunderstorms occurred on 25 days or more at numerous stations and on 29 days at Wakefield, 28 at Huddersfield (Oakes) and 27 at Felixstowe, Meltham and West Kirby.

During a thunderstorm on February 21st the Church of Week St. Mary, Cornwall, was severely damaged by lightning, and on the same day that of St. Mark's, Newport, Monmouth, was struck. Thunderstorms were frequent in April ; during one on the 21st, hailstones about the size of marbles fell at Durham. Perhaps the most severe storms occurred in June ; the one

Continued on page **173.**

ANNUAL WEATHER CHARTS, 1935.

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

The dotted lines indicate the normal distribution of pressure in The year, based on 35 years' observations, 1881–1915.

1008 1009 1010 1011 1012 1013 1014 1015

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

LIGHT — MODERATE TO STRONG — GALE

30 Obs. = 1 Inch

2. MOVEMENTS OF DEPRESSIONS.

SCALE 1: 25,000,000.

The figures indicate the number of depressions following each track. A number of tracks have been omitted.

3. DISTRIBUTION OF MEAN TEMPERATURE.

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

SCALE OF TINTS. 52° 50° 48° 46°

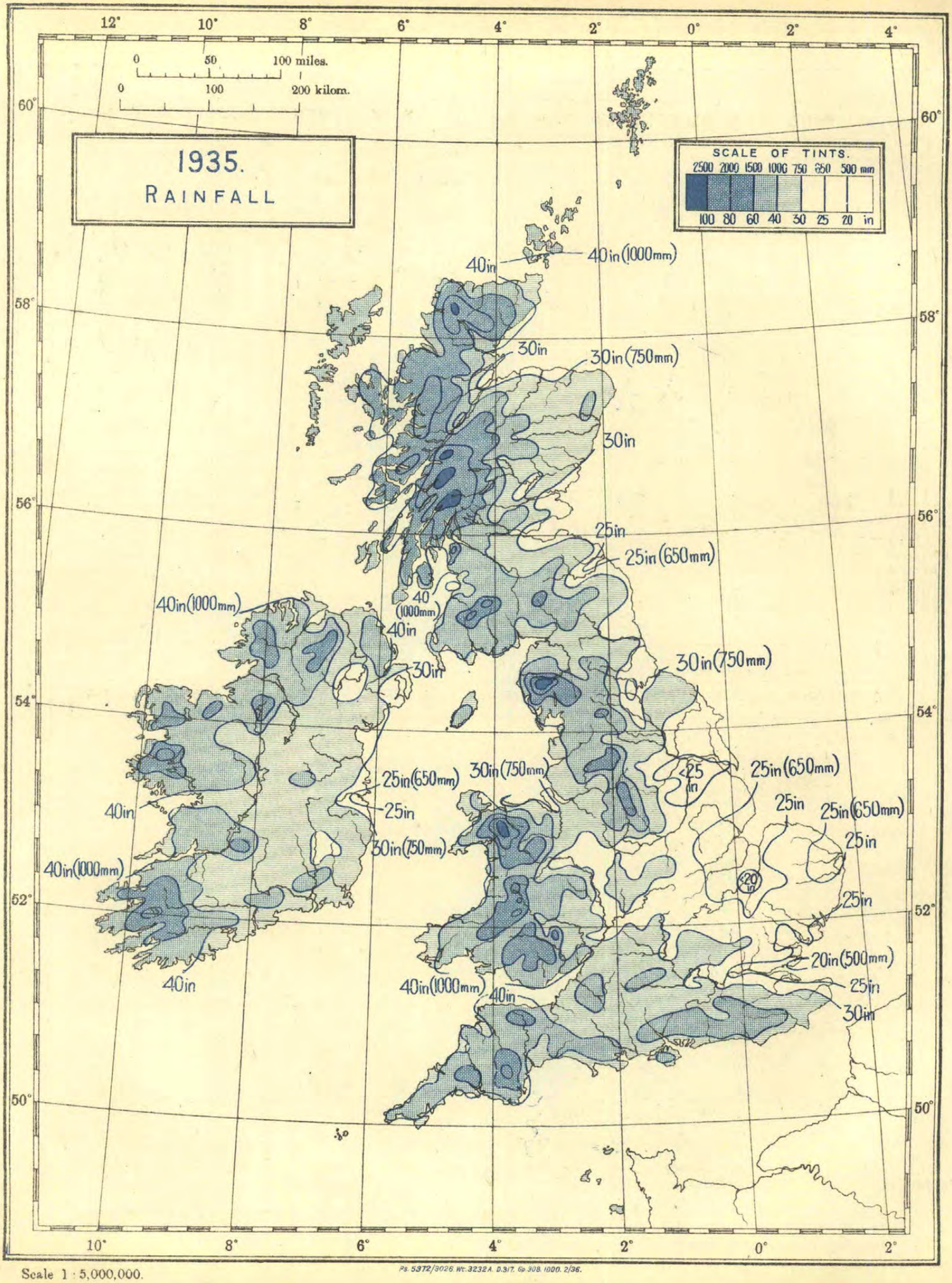
Sea temperatures are shewn in large figures, thus: 50°

4. BRIGHT SUNSHINE, HOURS PER DAY.

SCALE OF TINTS. Hrs. 5·0 4·0 3·0

H.M. Stationery Office Press, Kingsway W.C.2.

* Pressure in millibars.



Scale 1 : 5,000,000.

Ps. 5372/3026 Wt. 3232A. D.3/7. Gp.308. 1000. 2/36.

at Castle Cary (Somerset) on the 16th was accompanied by heavy hail, and funnel-shaped clouds of the tornado variety were reported in the vicinity. Severe storms were reported in Scotland and North Wales on the morning of June 24th, when 108 mm. of rain were measured at Aberfeldy (Perthshire), nearly all of which fell between 2 a.m. and 6 a.m. The most violent and widespread storms of the month developed on the 25th; at Swainswick (Somerset) 153 mm. fell between 13h. and 16h. During thunderstorms in July, 57 mm. fell (mostly in about 2 hours) at Winchester on the 1st and 39 mm. in about 1½ hours at Long Ashton on the 11th. On August 18th, 55 mm. fell at Thetford in 1¼ hours. A thunderstorm experienced in parts of England and Wales on September 22nd was remarkable for an abnormal fall of hail; much glass was broken in Northamptonshire by the hailstones, which were exceptionally large.

Snow.—On account of its occurrence so late in the spring, the snowfall of May 13th-17th was perhaps the most noteworthy of the year 1935. By the 17th, most of Scotland was covered, and at Wolfelee it lay to a depth of 6 inches. The snowstorm of the 16th-17th was widespread in England and Ireland and unusually heavy for the season. On the 17th, a depth of 6 inches was reported at Giggleswick, 5 inches at Harrogate and 4½ inches at Cockle Park (Durham) and at Tiverton (S. Devon), while several stations in north-west England reported two or three inches. In western districts of England snow is very rare in May; for example, at Lancaster and Southport, the snow around the 17th was the first snow in May since 1891.

In January snow was lying over the greater part of Scotland from the 25th-28th, and in eastern districts of England from the 27th-29th or 30th. On the 27th, the depth was nearly 9 inches at Durham, and between 4 and 5 inches as far south as Hampstead (London). A considerable fall occurred in south and south-west England around March 10th-11th; on the morning of the 11th, it lay to a depth of 4½-6½ inches at Newton Abbot and 4 inches at Shaftesbury. On April 4th and 5th most of Scotland was covered in snow, and on the 6th it was 7½ inches deep at Balmoral. Most of Scotland was snow-covered on November 30th, and snow or sleet occurred rather frequently from December 1st-6th and 14th-25th. It lay to a depth of 6 inches at Braemar and 4 inches at Balmoral on the 1st, 6-8 inches at Newcastleton (Roxburgh-shire) on the 4th, and 8 inches at Achnashellach from the 22nd-24th.

Sunshine.—Sunshine aggregates exceeded the average in most districts, the percentage of the average for districts 1-10 being 104. The percentage district values varied from 96 in the Channel Islands to 110 in the Midlands. For the country generally the sunniest months were May, July and December, and the dullest June and October, but striking variations occurred in different districts in individual months. For example, January was exceptionally sunny in the west of Scotland and notably dull in the north of Ireland, while in comparison with the average, November was the dullest month of the year in the north-east of England. May was remarkably sunny except in the southern half of England; in the west of Scotland, north-west of England and north of Ireland, the excess was exceptional. The totals at Eskdalemuir and Stonyhurst were the largest recorded in any month since observations were first taken in 1909 and 1881 respectively. The excessive sunshine in July was general and very marked; at some stations it was the sunniest July on record, and at many places in east and south-east England more than 300 hours were registered. In the autumn sunshine was, for the country as a whole, somewhat below average, especially in October, but a large excess was enjoyed in most districts in December. The north and west of Scotland were particularly fortunate and, at Stornoway, it was the sunniest December since records began in 1881.

Fog.—There was a good deal of fog in January but not so much in February owing to the frequent strong winds. Fog occurred fairly frequently in March (particularly in England) and in the latter half of April. Fog occurred at times in May chiefly during the first week and the last few days, though it was thick in the extreme north-east of Scotland on the 10th and 24th. Much fog was reported on the coasts during June; it caused delay to shipping off the south-west coasts on the 20th and 21st. At Scilly it was present every day from the 17th-26th, with the exception of the 24th. In July also fog occurred frequently on our south-west coasts, and thick fog was reported in the Firth of Forth on the 1st and at Lerwick on the 13th. Fog was recorded fairly frequently in August and occurred at times in September; it was rather widespread in the English Channel on September 21st, thick at the Scilly Isles on the 24th, and at times on the south-west coast of England on the 26th and 27th. Fog occurred at times in October and fairly frequently in November, and it was rather persistent at the mouth of the English Channel from the 14th-16th October. The frequent and sometimes dense fogs of December were noteworthy. Fog was recorded at the morning observation on 25 days at Nottingham and on 24 days at Glasgow. The most notable fogs occurred from the 5th to 7th and 18th-23rd, when they were widespread and very thick at times.

Miscellaneous Phenomena.—The aurora was observed in Scotland in each month except May, June and July, most frequently in October and November. Some remarkable displays of halo phenomena were observed in March and April, and halos continued to be frequently observed throughout May and the early part of June. (See "Meteorological Magazine," volume 70, pp. 110-114 and 129-133.) Waterspouts were seen at Teignmouth on May 17th, at Beachy Head on July 19th, at Bude on August 28th, and off Ferring, near Worthing, on December 28th. A line squall moved eastward across the country on September 14th and was particularly severe at Sandbach, Cheshire.

TABLE I.—DISTRICT VALUES FOR THE WHOLE YEAR, 1935. [1908, REVISED 1928].

DISTRICTS.	AIR TEMPERATURE.			EARTH.		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.	79	9	+0·3	—	—	113	—2	99	26
Eastern.									
1. SCOTLAND, E.	84	4	+0·5	—	—	109	+2	101	30
2. ENGLAND, N.E.	89	13	+1·0	+1·2	+1·2	112	—6	106	33
3. ENGLAND, E.	89	7	+1·0	+0·8	+0·9	112	—5	105	37
4. MIDLAND COUNTIES	92	7	+1·2	+1·0	+1·3	113	—7	110	34
5. ENGLAND, S.E.	89	17	+0·9	+1·1	+1·2	124	+5	102	37
Western.									
6. SCOTLAND, W. (*and I. of Man*)	83	10	+0·3	+0·8	+0·6	108	+2	103	29
7. ENGLAND, N.W (*and N. Wales*)	89	8	+0·7	+1·3	+1·3	106	0	107	34
8. ENGLAND, S.W (*and S. Wales*)	88	14	+0·7	+0·7	+1·1	108	+9	97	35
9. IRELAND, N.	77	12	+0·3	+0·6	+0·7	103	—7	104	30
10. IRELAND, S.	81	15	+0·3	+0·2	+0·6	94	0	104	33
11. CHANNEL I. (*and Scilly*)	86	26	+0·5	+0·4	+0·5	113	0	96	39
Mean: DISTRICTS 1—10	92	4	+0·7	+0·9	+1·0	109	—1	104	33

TABLE II.—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND—THE YEAR 1935. [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, p. 191, in the Wind Section.

TABLE III.—SUMMARY of the RECORDS of TEMPERATURE, RAINFALL and SUNSHINE, and of WEATHER OBSERVATIONS, YEAR 1935.

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.	Difference from Average.	Most in a day. Amount.	Date.	WEATHER. Number of days. Precip'n. 0.2 mm. or more.	1 mm. or more.	Snow.	Snow lying.	Hail.	Thunderstorm.	Fog (Morn'g Obs.)	Ground Frost.	Gale.	BRIGHT SUNSHINE. Hours per day. Daily Mean.	Difference from Average.	Per cent.
		G.M.T.			ft.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	in.	mm.	mm.	mm										hr.	hr.	%
0. SCOTLAND, N.																											
Shetland.	Baltasound ..	9	9	9	31	50·0	41·2	45·6	+0·6	67	22	46·5	54·59	1387	+318	109	20 July	318	219	37	8	68	9	11	—	24	2·67	—0·16	22
	Lerwick .. ¶§	18–7		7	156	48·5	42·5	45·5	—0·2	66	25	—	43·15	1096	—	86	20 July	250	195	41	6	59	2	8	—	58	2·76	—0·26	22
Orkney.	Deerness ..	21	21	9	160	—	—	—	—	—	—	—	42·86	1089	+188	49	20 July	249	177	—	—	—	—	—	—	—	3·02	—0·04	25
	Kirkwall ¶§	9	9	9	113	50·8	42·3	46·5	+0·7	74	27	47·5	44·79	1138	+200	30	20 July	249	197	48	11	21	4	4	42	45	3·09	—0·09	25
Hebrides	Skallary ..	10	10	10	30	53·2	45·2	49·2	—	68	31	—	47·18	1198	—	30	15 Feb.	258	213	16	1	19	0	—	—	—	—	—	—
	Stornoway (C.G.) ¶§	18–7		7	80	51·3	43·3	47·3	+1·0	72	27	—	46·45	1180	—	36	2 Sept.	253	202	25	7	50	8	3	—	35	3·62	+0·25	30
	Stornoway ..	—	—	9	30	—	—	—	—	—	—	—	53·54	1360	+94	41	25 Aug.	258	208	—	—	—	—	—	—	—	—	—	—
Skye.	Duntulm ..	9	9	9	294	52·0	43·1	47·5	—	72	29	—	50·35	1279	—	33	9 April	253	209	21	2	29	6	5	—	34	3·50	—	29
Caithness.	Wick	18–7		7	81	50·4	41·7	46·1	+0·7	73	22	—	34·24	870	+108	26	5 Oct.	227	166	40	5	18	3	7	—	36	—	—	—
Ross and Cromarty.	Achnashellach ..	9	9	9	225	53·8	38·6	46·2	—	77	18	—	86·27	2191	+47	73	2 Sept.	244	226	21	29	2	2	1	120	—	—	—	—
	Fortrose ..	9	9	9	69	52·7	41·5	47·1	+0·2	79	23	—	27·33	694	—	24	23 June	174	132	17	8	0	1	2	—	13	3·65	+0·01	30
Inverness.	Dalwhinnie ..	18–7		7	1176	49·4	37·0	43·2	—	75	9	—	52·09	1323	—	34	31 Oct.	228	183	65	77	6	0	4	151	18	2·99	—	24§
	Ft. Augustus ¶§	9	9	9	68	52·6	40·2	46·4	+0·2	78	15	—	40·08	1018	—105	32	24 June	201	158	(13)	(14)	2	1	6	—	—	2·92	—	24§
	Ft. William ..	9	9	9	34	53·6	41·7	47·7	+0·7	75	18	47·7	48·8	87·21	2215	+250	97	18 Feb.	237	203	19	4	12	10	1	81	1	2·83	—	23§
	Inverness ¶§	9	9	9	242	52·2	41·1	46·7	—0·2	77	20	—	—	35·65	906	+224	45	4 Oct.	197	143	31	5	6	2	9	79	3	3·45	—0·01	28
1. SCOTLAND, E.																													
Nairn.	Nairn .. ¶§	9	9	9	20	53·2	40·5	46·9	+0·2	81	19	—	—	28·23	717	+82	33	17 Nov.	210	135	24	1	8	4	2	—	7	3·71	+0·22	30
Moray.	Forres ..	9	9	9	155	53·7	39·9	46·8	—	83	22	—	—	30·20	767	—	31	22 April	202	136	26	20	17	2	2	—	1	3·87	—	32
	Gordon Castle ..	21	21	9	104	53·6	40·6	47·1	+0·5	84	20	—	—	30·02	763	+5	25	10 Aug.	193	136	22	0	4	3	—	—	—	3·57	+0·03	29§
Banff.	Banff	9	9	9	130	52·2	41·9	47·1	+0·8	81	23	—	—	31·22	793	+112	23	17 Sept.	208	158	30	0	16	6	0	57	7	3·52	—0·07	29§
Aberdeen.	Aberdeen ¶§	24	24	24	79	51·9	41·8	46·9	+0·6	77	20	47·4	47·6	35·60	904	+156	51	5 June	201	142	32	15	21	4	7	77	5	3·57	—0·07	29
		18–7		—	—	52·0	41·5	46·7	+0·2																				
	Balmoral ..	9	9	9	927	50·5	36·0	43·3	—0·2	80	7	—	—	34·73	882	+43	31	19 Oct.	240	164	41	64	0	4	—	155	2	—	—	—
	Braemar ..	21	21	9	1111	50·8	36·4	43·6	+0·5	80	4	—	—	35·66	906	+7	40	19 Oct.	222	162	50	69	0	8	2	132	5	3·27	—	27§
	Craibstone ..	9	9	9	300	51·7	40·1	45·9	—	78	17	46·4	46·8	39·61	1006	+206	43	17 Nov.	202	147	38	19	25	5	—	77	—	3·88	—	32
	Logie Coldstone	9	9	9	608	—	—	—	—	—	—	—	—	—	—	—	—		—	—	—	—	—	—	—	—	—	—	—	—
Kincardine.	Balmakewan ..	9	9	9	80	53·5	39·1	46·3	—	80	17	—	—	35·44	900	+132	47	3 Oct.	179	141	26	3	1	4	3	—	7	—	—	—
	Stonehaven ..	9	9	9	12	—	—	—	—	—	—	—	—	—	—	—	—		—	—	—	—	—	—	—	—	—	—	—	—
Angus.	Arbroath ..	21	21	9	93	53·7	40·5	47·1	+0·5	78	20	—	—	26·77	680	+30	40	17 Nov.	163	116	10	0	2	7	13	140	8	4·25	—	35
	Carnoustie ..	9	9	9	39	53·2	41·4	47·3	+0·7	81	22	—	—	25·15	638	—52	39	17 Nov.	181	122	14	2	8	5	—	—	6	3·92	+0·09	32
	Dundee ¶§	9	9	9	147	53·5	41·5	47·5	+1·0	83	21	48·3	—	29·09	739	+73	39	17 Nov.	188	131	20	2	6	9	—	112	14	3·80	+0·07	31
	Kettins ..	9	9	9	218	53·3	39·2	46·3	+0·5	80	12	47·9	—	29·74	755	—58	32	2 Oct.	190	134	29	17	5	14	9	127	28	—	—	—
	Montrose ..	9	9	9	16	52·8	40·9	46·9	+0·7	80	22	—	—	27·72	704	—	38	3 Oct.	165	119	15	2	10	4	0	—	6	4·01	+0·18	33
Perth.	Crieff	21	21	9	478	52·9	39·7	46·3	+0·2	77	16	—	—	38·68	983	—54	60	23 June	195	152	31	16	7	9	—	—	14	—	—	—
	Perth	9	9	9	76	54·6	40·1	47·3	+0·5	82	12	—	—	29·58	751	—31	32	17 Nov.	182	140	22	2	2	8	—	—	—	3·69	—0·03	30
Fife.	Cupar	9	9	9	210	53·3	40·7	47·0	+0·4	81	18	—	—	28·75	730	—	44	17 Nov.	185	136	11	16	6	2	—	—	—	—	—	—
	Dunfermline ..	9	9	9	237	53·0	41·3	47·1	—	80	19	48·7	49·2	29·29	744	—	36	2 Oct.	177	128	26	10	9	14	17	99	8	3·62	—	30
	Inchkeith ..	18–7		7	190	52·3	43·9	48·1	+0·5	77	27	—	—	21·69	551	—3	35	17 Nov.	166	115	20	0	3	6	15	41	13	3·79	—	31
	Kirkcaldy ..	9	9	9	63	54·3	42·3	48·3	+0·6	83	19	—	—	27·86	708	—	35	17 Nov.	197	131	7	3	1	3	—	—	—	—	—	—
	Leuchars ..	18–7		7	35	53·5	40·8	47·1	+0·5	80	18	—	—	25·21	640	—13	37	17 Nov.	168	124	13	0	7	9	10	119	2	4·09	+0·07	32
	St. Andrews ..	9	9	9	13	53·4	41·4	47·4	+0·7	81	20	48·4	49·2	25·81	655	—33	38	17 Nov.	184	124	15	0	12	7	5	61	—	4·09	+0·28	33
Mid Lothian.	Edinburgh—																												
	Blackford H. ¶§	21	21	9	441	52·6	42·0	47·3	+0·6	80	23	—	—	27·63	702	+34	39	17 Nov.	193	127	24	4	2	8	27	59	8	3·90	+0·16	32
	Boghall ..	9	9	9	639	51·8	40·4	46·1	—	78	20	46·7	47·5	31·92	811	—	48	17 Nov.	195	133	29	13	11	7	18	85	—	3·72	—	30
	Liberton ..	9	9	9	190	54·1	41·3	47·7	—	84	18	—	—	28·51	724	—	37	17 Nov.	181	133	12	0	0	3	—	—	—	—	—	—
	Univ. King's B.	9	9	9	225	53·9	41·9	47·9	—	82	21	48·2	49·1	27·13	689	—	38	17 Nov.	181	128	—	—	—	—	—	—	—	—	—	—
E. Lothian.	Dunbar ..	9	9	9	75	53·4	42·4	47·9	—	84	24	—	—	22·46	571	—	25	17 Nov.	179	111	23	2	5	5	10	51	1	3·96	—	32
	N. Berwick ..	9	9	9	118	53·7	41·5	47·6	—	81	24	—	—	23·10	587	—25	28	16 April	173	125	11	0	3	5	7	95	4	3·86	—	32
Berwick.	Marchmont ¶§	9	9	9	498	52·4	39·9	46·1	+0·4	83	20	—	—	30·53	775	—41	29	{ 26 Aug. 17 Nov. }	212	139	17	15	6	4	—	—	10	3·47	—0·11	28§
Peebles.	Peebles	9	9	9	629	53·1	38·8	45·9	—	80	8	—	—	34·37	873	—	30	16 July	177	153	23	19	0	4	4	116	3	3·33	—	27
	West Linton ..	9	9	9	820	51·6	38·2	44·9	+0·9	79	8	47·3	47·4	39·87	1013	—	32	17 Nov.	194	164	30	35	3	4	49	127	—	—	—	—
Roxburgh.	Kelso (Br'ml'ds)	9	9	9	193	54·0	40·5	47·3	+0·6	84	16	—	—	25·92	658	—3	30	26 Aug.	202	133	13	5	0	5	21	—	1	—	—	—
	Wolfelee ..	9	9	9	537	52·3	38·7	45·5	+0·2	82	12	—	—	35·31	897	—59	33	26 Aug.	190	157	28	30	7	14	14	—	12	—	—	—
6a. **SCOTLAND, W.**																													
Argyll.	Ardtornish ..	21	21	9	48	54·5	—	—	—	79	19	—	—	80·89	2055	—	41	31 Jan.	236	220	14	21	28	9	—	96	—	—	—	—
	Colonsay ..	9	9	9	100	53·9	43·1	48·5	—	75	23	—	—	55·66	1414	—	31	30 Sept.	258	210	7	1	21	3	—	—	—	—	—	—
	Dunoon ..	9	9	9	46	54·5	41·0	47·7	—	74	17	48·7	48·4	90·66	2303	—	49	15 Feb.	246	206	26	4	15	9	4	86	—	2·96	—	24§
	Glenbranter ..	9	9	9	188	53·5	39·2	46·3	—	77	14	—	—	97·03	2465	—	54	2 Aug.	203	195	13	22	0	5	4	—	—	—	—	—
	Oban	9	9	9	229	53·1	41·5	47·3	—0·4	81	24	—	—	53·64	1363	—	31	9 Oct.	225	196	20	2	14	8	0	64	2	3·66	+0·15	30
	Tiree	18–7		7	22	52·7	44·8	48·7	—	69	26	—	—	45·77	1163	+28	37	11 Nov.	238	188	13	0	35	4	1	19	46	4·42	—	36
Bute.	Rothesay ¶§	21	21	9	200	53·3	43·1	48·2	+0·7	73	26	48·5	49·0	53·50	1359	+114	33	2 Oct.	223	189	19	13	20	10	19	69	27	3·66	+0·15	30
Dumbarton.	Cardross ..	9	9	9	130	53·9	41·1	47·5	+0·7	76	19	—	—	47·08	1196	—	40	2 Oct.	209	177	10	5	1	1	53	—	6	3·24	+0·02	26§
	Helensburgh ..	9	9	9	293	53·4	41·0	47·2	+0·7	76	20	—	—	57·76	1467	+121	35	2 Oct.	227	184	27	0	3	5	27	—	1	3·35	+0·09	27
Stirling.	Stirling	9	9	9	151	53·9	42·1	48·0	+0·5	80	18	48·3	49·9	36·53	928	—	35	2 Oct.	184	149	17	20	3	8	31	92	—	2·84	—0·52	23§
Renfrew.	Greenock ..	9	9	9	199	53·7	43·1	48·4	+1·1	76	24	—	—	58·77	1493	—72	42	2 Oct.	215	176	16	6	12	4	58	50	—	—	—	—
	Paisley	21	21	9	106	54·4	42·6	48·5	+0·4	78	16	49·1	49·9	43·16	1096	+62	38	2 Oct.	204	163	16	4	15	7	15	93	—	3·27	—0·06	27
	Renfrew (Abbotsinch) ¶§	18–7		7	19	53·9	41·1	47·5	+0·6	79	12	—	—	40·33	1024	+85	32	23 June	203	165	19	5	20	7	23	104	11	3·32	+0·05	27
Lanark.	Dungavel ..	9	9	9	798	50·7	39·0	44·9	+0·5	75	18	—	—	53·83	1367	—	35	23 June	214	173	25	18	6	9	17	107	—	—	—	—
	Glasgow ..	9	9	9	85	53·5	43·2	48·3	+0·8	77	18	—	48·8	37·92	963	+18	54	23 June	211	159	23	7	11	9	74	—	—	—	—	—
	Thorntonhall ..	9	9	9	440	52·9	39·8	46·3	+0·7	77	14	—	—	44·05	1119	—	58	23 June	213	157	19	23	23	12	—	108	14	3·49	+0·33	28
Ayr.	Auchincruive ..	9	9	9	89	54·5	40·9	47·7	—	77	17	49·5	50·1	36·24	921	—	23	15 Feb.	210	156	12	1	14	13	4	134	—	3·85	—	31
	Colmonell ..	9	9	9	170	54·4	41·8	48·1	+0·1	76	19	—	—	38·46	977	—162	27	28 Oct.	200	167	11	3	25	14	0	73	—	—	—	—
	Troon	9	9	9	15	53·9	43·6	48·7	—	80	20	—	—	36·77	934	—	26	10 Oct.	198	155	10	0	18	8	21	58	7	3·78	—	31
	Turnberry ..	9	9	9	30	54·2	44·0	49·1	+0·7	75	26	—	—	35·80	909	—	28	15 Feb.	194	151	7	0	7	2	0	44	2	4·08	+0·31	33
Dumfries.	Dumfries ¶§	21	21	9	140	54·1	41·7	47·9	+0·4	81	17	49·1	49·5	39·68	1008	+73	32	2 Oct.	198	152	22	7	10	6	13	113	5	3·72	+0·10	30
	Eskdalemuir ¶§	24	24	24	794	51·5	37·5	44·5	+0·4	80	10	47·7	48·0	59·95	1523	+94	43	30 Aug.	230	178	53	27	24	11	11	115	30	3·46	+0·17	28
		18–7		—		51·4	38·8	45·1	+0·8																				
	Ruthwell ..	21	21	9	67	55·2	40·0	47·6	+0·2	83	14	—	—	37·42	951	—	36	30 Nov.	185	148	9	2	1	10	—	—	2	3·15	—0·41	26§
	Thornhill ..	9	9	9	670	52·6	40·3	46·5	—	78	20	—	—	43·54	1106	—	27	3 Nov.	198	167	27	26	8	7	5	—	17	—	—	—

¶§ § *See* Notes on Tables on page 183 of this issue.

TABLE III (*continued*).—SUMMARY of the RECORDS of TEMPERATURE, RAINFALL and SUNSHINE, and of WEATHER OBSERVATIONS, YEAR 1935.

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.	Difference from Average.	Most in a day. Amount.	Date.	WEATHER Number of days. Precip'n 0.2 mm. or more.	1 mm. or more.	Snow.	Snow lying.	Hail.	Thunderstorm.	Fog(Morn'gObs.)	Ground Frost.	Gale.	BRIGHT SUNSHINE. Hours per day. Daily Mean.	Difference from Average.	Per cent.
6*b*. ISLE OF MAN.	G.M.T.			ft.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	in.	mm.	mm.	mm.										hr.	hr.	%
Isle of Man. Douglas.. ..	9	9	9	284	53·7	44·6	49·1	+0·7	79	25	—	—	42·53	1080	+ 34	39	2 Oct.	204	162	7	0	24	10	8	33	26	4·73	+0·40	39
Point of Ayre ..	18	7	7	30	—	—	—	—	79	—	—	—	—	—	—	—		—	—	—	—	—	—	—	—	—	—	—	—
2. ENGLAND, N.E.																													
Northumberland. Berwick-on-T. ..	9	9	9	76	52·4	42·1	47·3	—	81	20	—	—	24·58	624	+ 29	27	26 Aug.	168	117	15	0	17	8	10	39	—	3·82	—	31
Bellingham ..	9	9	9	849	51·9	38·3	45·1	+0·3	81	16	—	—	34·01	864	— 37	29	5 June 26 Aug.	207	155	39	31	11	6	2	—	—	—	—	—
Cockle Park ¶§	21	21	9	325	53·2	40·0	46·6	+0·5	82	21	46·3	47·6	28·59	726	— 4	29	17 Nov.	202	139	25	16	15	7	9	82	8	3·68	—0·16	30
Tynemouth ..	18	—7	7	108	52·7	44·4	48·5	+0·4	80	26	—	—	27·00	686	+ 65	37	21 Sept.	188	134	23	2	14	8	14	34	1	—	—	—
Durham. Chopwellwood ..	9	9	9	446	54·0	40·9	47·5	+1·3	83	20	—	—	28·83	732	+ 3	42	21 Sept.	191	134	20	10	9	12	2	93	—	3·60	—0·13	29
Durham ¶§	21	21	9	336	54·4	40·9	47·7	+1·1	83	18	—	—	29·90	759	+134	56	21 Sept.	182	128	20	10	7	8	22	80	9	3·58	—0·04	29
Houghall ..	9	9	9	160	56·2	40·1	48·1	—	86	15	—	—	30·28	769	—	55	21 Sept.	168	133	26	13	10	13	16	135	0	3·61	—	29
Ushaw College	9	9	9	594	53·3	41·3	47·3	+0·9	83	21	—	—	33·35	847	+130	46	21 Sept.	199	142	32	25	10	11	44	—	—	—	—	—
Yorks., N. Riding. Ampleforth ..	9	9	9	313	54·6	41·9	48·3	+1·0	86	22	—	—	34·45	875	—	47	28 Aug.	174	131	25	14	7	19	43	133	—	4·07	—	33
Castleton ..	9	9	9	450	54·3	39·4	46·9	—	85	14	47·7	—	37·15	944	—	33	21 Sept.	197	147	24	22	11	13	5	108	—	—	—	—
Catterick ..	18	—7	7	175	54·5	41·6	48·1	—	84	19	—	—	25·69	653	—	33	17 Nov.	179	125	29	7	7	18	18	97	4	3·95	—	32
Scarborough †¶§	9	9	9	118	55·5	44·1	49·8	+1·0	83	28	—	50·3	27·69	703	+ 48	28	24 Sept.	181	138	10	1	12	8	34	53	8	4·14	+0·32	34
York .. ¶§	21	21	9	57	56·6	43·0	49·8	+1·1	88	23	49·7	50·4	29·83	758	+140	44	24 Sept.	168	128	22	16	3	12	—	—	4	4·01	+0·61	33
Yorks., E. Riding. Hull	21	21	9	8	56·4	44·6	50·5	+2·0	85	22	50·4	50·4	26·06	662	+ 17	31	24 Sept.	159	120	22	2	9	15	33	75	—	4·11	—	34
Spurn Head ..	18	—7	7	29	54·2	45·4	49·8	+0·9	76	30	—	—	28·61	727	+150	54	21 Sept.	166	116	10	0	11	16	21	—	19	4·61	+0·54	38
Lincoln. Cranwell ¶§	18	—7	7	240	56·7	42·1	49·4	+1·1	89	13	49·8	50·5	25·79	655	+ 65	29	24 Sept.	172	125	28	18	14	23	39	72	5	4·56	+0·31	37
Cleethorpes ..	9	9	9	23	55·4	43·6	49·5	—	85	23	—	—	26·20	665	—	47	21 Sept.	165	116	13	1	12	13	19	52	—	4·56	—	37
Skegness ..	9	9	9	15	55·0	44·0	49·5	+1·3	82	21	—	—	22·06	560	— 32	20	8 Aug.	167	110	13	4	17	16	12	43	—	4·57	+0·16	37
3. ENGLAND, E.																													
Norfolk. Cromer	9	9	9	178	55·8	44·2	50·0	+0·9	87	26	—	—	25·98	660	+ 55	33	21 Sept.	192	133	12	0	11	16	5	31	1	4·74	+0·40	39
Hunstanton ..	9	9	9	105	55·9	44·4	50·1	—	89	22	—	—	21·77	553	—	21	9 Oct.	182	122	11	0	6	17	9	—	—	4·62	—	38
Norwich ..	9	9	9	110	57·1	42·8	49·9	+0·6	87	19	49·4	—	25·56	649	—	24	7 Jan.	202	133	20	8	15	17	—	90	—	4·74	+0·41	39
Sprowston ..	9	9	9	93	57·0	42·4	49·7	—	86	20	—	—	25·36	644	—	25	7 Jan.	197	135	20	3	9	8	16	123	—	4·89	—	40
Terrington ..	9	9	9	13	—	—	—	—	87	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Thetford (Lynford Nursery) ..	9	9	9	99	57·6	40·2	48·9	—	88	11	50·6	51·5	23·61	600	—	26	24 Sept.	192	126	24	4	8	15	16	113	—	4·75	—	39
Yarmouth ¶§	18	—7	7	5	54·9	45·3	50·1	+0·6	80	25	51·6	52·3	24·78	629	+ 7	35	24 Sept.	172	133	18	0	21	17	7	27	6	4·88	+0·36	40
Suffolk. Bungay (Flix'n)	9	9	9	79	57·4	42·5	49·9	+0·7	86	17	—	—	22·30	566	—	25	24 Sept.	149	130	19	1	3	17	9	84	—	—	—	—
Copdock ..	9	9	9	164	57·4	42·6	50·0	+1·1	84	20	50·3	51·2	28·05	712	—	39	9 Oct.	169	121	14	4	8	24	21	64	—	4·65	+0·31	38
Felixstowe ..	18	—7	7	15	55·6	45·4	50·5	+0·6	80	24	—	—	24·25	616	+100	31	1 Sept.	165	111	20	4	9	27	16	51	4	5·05	+0·17	41
Hartest ..	9	9	9	250	57·4	41·7	49·5	—	87	19	—	—	26·45	672	—	28	24 Sept.	182	125	15	6	5	16	11	112	—	4·86	—	40
Lowestoft ..	9	9	9	82	56·0	44·0	50·0	+1·1	81	22	51·6	—	24·44	621	+ 25	27	24 Sept.	169	125	24	1	16	10	9	—	7	5·14	+0·44	42
Cambridge. Cambridge (Bot. Gdns.) ¶§	21	21	9	41	57·7	42·4	50·1	+0·9	88	18	51·2	52·0	23·42	595	+ 41	45	24 Sept.	150	119	13	6	9	17	12	87	2	4·29	+0·06	35
(Univ. Farm) ..	9	9	9	78	57·9	42·5	50·2	—	89	17	—	—	25·04	636	—	46	24 Sept.	175	123	10	4	4	12	12	73	1	4·42	—	36
Bedford. Luton	9	9	9	381	56·4	42·3	49·3	+0·9	89	16	51·5	51·8	27·77	705	—	29	7 Nov.	166	119	16	10	1	9	16	75	—	4·11	—0·12	34
Woburn.. ..	9	9	9	291	56·8	42·0	49·4	+1·1	88	14	50·9	51·1	26·09	663	+ 56	23	31 Oct.	173	125	23	9	8	19	8	82	—	4·19	+0·23	19
Hertford. Rickmansworth	9	9	9	192	59·0	36·9	47·9	—	89	7	50·4	51·2	33·94	862	—	26	7 Nov.	203	151	33	13	21	21	50	196	4	4·30	—	35
Rothamsted ¶§	9	9	9	420	55·5	42·2	48·9	+0·7	84	13	49·5	—	29·44	748	+ 69	25	9 Oct.	172	125	20	8	6	12	9	88	7	4·39	+0·15	36
St. Albans ..	9	9	9	272	57·2	41·8	49·5	—	86	13	50·6	—	30·36	771	+139	30	7 Nov.	169	129	16	8	5	15	9	75	—	—	—	—
Essex. Clacton-on-S. ¶§	9	9	9	53	55·7	45·2	50·5	+1·2	80	23	51·4	52·2	26·60	676	+155	33	7 Jan.	175	121	15	7	12	19	6	53	—	4·92	+0·24	40
Chelmsford ..	9	9	9	134	58·1	42·8	50·5	+1·5	87	18	—	—	27·04	687	+121	22	17 Nov.	175	127	12	8	7	14	—	—	—	—	—	—
Chelmsford (Agr. St.) ..	9	9	9	193	—	—	—	—	86	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Earls Colne ..	9	9	9	168	58·3	42·6	50·5	—	86	20	—	—	23·69	602	—	27	9 Oct.	142	112	17	8	2	10	—	—	—	—	—	—
Halstead ..	9	9	9	140	58·3	42·3	50·3	+1·0	87	15	—	—	27·43	697	—	28	9 Oct.	160	119	22	13	6	12	17	—	—	—	—	—
Shoeburyness ..	18	—7	7	11	57·1	44·7	50·9	+1·0	83	20	—	—	19·88	505	+ 29	22	30 Aug.	167	114	14	4	10	17	10	70	4	5·01	+0·32	41
4. MIDLAND COUNTIES.																													
Yorks., W. Riding. Askham Bryan..	9	9	9	90	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Bingley	9	9	9	610	53·7	41·2	47·5	—	85	19	—	—	42·61	1082	—	38	15 Feb.	201	156	35	23	11	15	33	75	—	—	—	—
Bradford ..	9	9	9	439	54·5	42·3	48·4	+1·1	87	19	48·4	49·9	40·02	1016	+219	39	24 Sept.	192	162	—	—	—	—	43	98	—	3·87	+0·56	32
Doncaster ..	9	9	9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Giggleswick ..	9	9	9	575	53·3	40·7	47·0	+0·6	82	15	—	—	44·43	1129	—	41	21 Sept.	193	169	20	15	14	9	6	—	14	3·57	—	34
Harrogate ¶§	9	9	9	478	54·1	42·2	48·1	+1·2	87	23	48·4	49·1	32·95	837	+ 60	37	24 Sept.	172	134	21	24	17	12	37	86	8	4·01	+0·22	33
Huddersfield ..	21	21	9	325	55·6	42·1	48·9	+1·0	90	18	48·7	49·7	34·94	887	+122	33	24 Sept.	200	145	25	19	8	19	37	91	—	3·54	+0·40	29
,, (Oakes)	9	9	9	761	54·7	41·6	48·1	—	87	21	47·7	47·9	46·37	1178	+307	42	9 Oct.	222	170	30	24	19	28	34	80	20	—	—	—
Meltham **	9	9	9	514	54·5	41·7	48·1	+0·9	87	18	48·0	48·2	56·45	1434	+302	53	9 Oct.	221	174	21	5	20	27	29	75	—	—	—	—
Pontefract ..	9	9	9	255	55·0	42·5	48·7	—	86	17	—	—	26·04	661	+ 69	29	4 Oct.	164	119	—	—	—	—	50	73	—	—	—	—
Sheffield ..	9	9	9	428	55·8	43·4	49·6	+1·0	87	22	48·5	49·0	34·31	871	+ 99	28	24 Sept.	183	141	—	—	—	—	—	57	—	3·89	+0·37	32
Wakefield ..	9	9	9	124	57·1	42·2	49·7	+1·2	90	18	49·1	49·7	27·43	697	+ 52	31	4 Oct.	206	136	33	8	26	29	35	92	—	3·65	+0·51	30§
Derby. Belper (School)	9	9	9	222	57·1	41·3	49·2	+1·1	88	12	—	—	31·96	812	+ 53	27	24 Sept.	183	141	13	12	0	16	—	—	—	—	—	—
Belper (Q. Bk.)	9	9	9	280	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Buxton	9	9	9	1007	52·1	40·7	46·4	+0·9	83	8	47·1	47·6	58·11	1476	+245	46	15 Feb.	206	179	31	27	9	18	40	78	—	3·52	+0·17	29
Nottingham. Attenborough..	18	7	7	88	57·7	41·9	49·8	—	92	17	—	—	27·36	695	—	35	24 Sept.	183	117	34	13	12	23	40	87	12	—	—	—
Mansfield ..	9	9	9	357	56·0	42·3	49·1	—	89	16	—	—	31·69	805	—	25	23 Aug.	163	132	21	20	10	20	41	—	—	—	—	—
Nottingham ¶§	9	9	9	192	56·8	43·4	50·1	+1·7	88	19	49·3	50·4	26·98	685	+ 86	38	24 Sept.	181	126	—	—	—	—	76	88	—	4·11	+0·62	34
Sutton Bon'gton	9	9	9	157	57·0	41·6	49·3	—	87	16	50·2	—	26·39	670	+119	33	25 June	163	124	23	3	2	11	26	77	—	4·17	—	34
Worksop ..	9	9	9	56	57·8	41·6	49·7	+1·1	89	16	49·8	50·3	24·73	628	+ 27	29	24 Sept.	178	118	26	10	10	23	—	100	19	4·23	—	35

† At Scarborough the earth thermometer is at a depth of 3 ft. ** At Meltham the earth thermometers are at depths of 1 ft. and 2 ft.

¶§ § *See* Notes on Tables on page 183 of this issue.

TABLE III (*continued*).—SUMMARY of the RECORDS of TEMPERATURE, RAINFALL and SUNSHINE, and of WEATHER OBSERVATIONS, YEAR 1935.

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. 1ft.	4 ft.	RAINFALL. Total Fall.	Difference from Average.	Most in a day. Amount.	Date.	WEATHER. Number of days. Precip'n 0.2 mm. or more.	1 mm. or more.	Snow.	Snow lying.	Hail.	Thunderstorm.	Fog (Morn'g Obs.)	Ground Frost.	Gale	BRIGHT SUNSHINE. Hours per day Daily Mean.	Difference from Average.	Per cent.
4. MID. COUNTIES—*cont.*		G.M.T.	ft.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	in.	mm.	mm.	mm.									hr.	hr.	%
Leicester	Belvoir Castle ..	21 21 9	259	56·5	42·3	49·4	+1·4	88	24	50·8	51·1	26·07	662	+ 24	24	27 Dec.	165	118	—	—	—	—	—	100	—	4·64	+0·54	38
Northamp-ton.	Oundle	9 9 9	147	57·1	41·9	49·5	+1·2	87	18	51·0	51·3	22·69	576	—	39	8 Aug.	181	115	16	1	7	9	20	94	—	4·41	+0·54	36
	Raunds	9 9 9	213	—	—	—	—	—	—	—	—	—	—	—	—		—	—	—	—	—	—	—	—	—	—	—	—
	Roade	9 9 9	394	57·0	41·4	49·2	—	85	(16)	48·7	—	29·70	754	—	39	25 June	—	116	11	8	9	10	3	84	—	—	—	—
Warwick.	Birmingham ¶§	18—7 7	535	55·7	43·6	49·7	+1·2	86	22	48·4	49·8	30·98	787	+113	24	17 Nov.	181	136	25	10	16	13	17	61	2	3·98	+0·42	33
	,, Sparkhill	7 13 7	425	57·2	42·1	49·7	+1·1	89	18	—	—	31·22	793	+ 79	26	27 Dec.	175	138	23	2	15	14	37	103	—	—	—	—
	Coventry ..	9 9 9	241	57·0	41·6	49·3	+0·2	86	15	50·7	53·4	29·72	755	+ 94	31	25 June	172	136	14	1	3	10	30	90	—	3·77	+0·14	31
	Rugby	21 21 9	390	57·5	40·7	49·1	—	86	18	—	—	28·08	713	—	26	25 June	178	139	16	2	3	7	—	101	—	—	—	—
	Stratford-on-Avon	9 9 9	210	57·4	42·1	49·7	—	85	19	—	—	26·40	671	—	42	25 June	174	126	14	3	13	22	17	—	—	4·20	—	34
Oxford.	Oxford .. ¶§	9 9 9	208	57·7	43·3	50·5	+0·9	86	15	51·8	52·4	30·30	770	+139	29	25 June	178	131	18	7	18	15	20	76	9	4·33	+0·23	35
Bucks.	Mursley	9 9 9	490	56·0	41·7	48·9	—	84	17	49·1	—	27·37	695	+ 42	23	23 Aug.	166	124	—	—	—	—	—	—	—	4·11	—	34
Stafford.	Mayfield ..	9 9 9	374	55·6	40·2	47·9	+1·0	86	7	—	—	37·01	940	+120	27	{24 Sept. 14 Nov.}	194	146	28	16	11	26	—	86	—	4·02	+0·43	33
Shropshire.	Newport ..	9 9 9	211	56·4	41·1	48·7	—	87	20	—	—	25·68	652	+ 22	23	14 Nov.	184	133	14	2	4	11	21	96	—	4·08	—	33
	Shrewsbury ..	9 9 9	184	57·3	42·1	49·7	+0·8	88	17	50·8	51·9	27·26	692	—	23	17 Nov.	187	136	16	3	10	11	16	90	8	4·03	—	33
Worcester.	Malvern ..	9 9 9	380	56·7	44·6	50·7	+1·4	89	17	51·0	51·4	32·07	815	+114	28	14 Nov.	180	130	12	3	3	9	15	56	—	4·57	+0·34	37
	Worcester (Perdiswell)	9 9 9	94	58·2	42·2	50·2	—	91	18	—	—	27·09	688	—	23	14 Nov.	165	125	12	0	9	10	—	89	—	4·35	—	36
Hereford.	Bromyard ..	9 9 9	393	56·8	41·5	49·1	+0·9	86	16	50·6	51·0	29·67	754	—	29	20 Nov.	176	132	13	3	5	7	37	95	—	—	—	—
	Hereford	9 9 9	292	57·2	42·3	49·7	+1·1	88	16	—	—	30·83	783	+ 84	26	20 Nov.	183	142	10	6	1	15	11	91	8	—	—	—
	Ross-on-Wye ¶§	18—7 7	223	57·0	44·1	50·5	+0·8	86	18	51·3	51·9	29·00	737	+ 20	27	20 Nov.	172	126	9	5	4	20	19	91	8	4·31	+0·26	35
Gloucester.	Bristol (Horfield)	18—7 7	206	57·5	44·6	51·1	—	87	19	52·6	52·7	42·70	1085	—	43	21 Sept.	205	160	17	8	22	25	15	58	7	—	—	—
	Cheltenham ..	21 21 9	214	57·5	43·2	50·3	+0·6	88	20	52·3	53·5	32·09	815	+142	34	27 Dec.	182	138	12	2	9	13	22	98	0	4·23	+0·15	35
	Cirencester ..	9 9 9	443	56·1	41·6	48·9	+1·0	86	13	—	—	38·40	975	—	36	9 Oct.	183	143	17	4	14	17	12	131	—	4·50	—	37
	Parkend	9 9 9	325	56·4	41·7	49·1	—	86	14	50·2	50·5	41·87	1063	—	48	14 Nov.	180	137	14	7	1	17	17	122	—	4·33	—	35
5. ENGLAND, S.E.																												
London.	City, Bunhill Row.	—		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3·71	+0·42	30
	Camden Square	9 9 9	110	58·8	45·4	52·1	+1·1	89	25	51·2	51·6	25·55	649	+ 27	18	9 June	165	130	10	3	7	10	—	69	—	—	—	—
	East Ham	9 9 9	15	58·5	45·1	51·8	+1·6	88	23	—	—	23·16	588	+ 22	25	3 Oct.	163	133	—	—	—	—	—	—	—	—	—	—
	Enfield	9 9 9	148	58·4	43·6	51·0	+1·1	88	19	—	51·3	27·78	706	+ 77	27	3 Oct.	164	129	16	6	5	14	17	50	—	4·02	—	33
	*g*Greenwich ..	24 24 9	149	59·0	43·6	51·3	+1·0	91	20	51·0	51·5	25·62	651	+ 55	21	3 Oct.	172	125	16	3	6	13	33	79	1	3·83	—0·18	31
		21—9 —	—	58·9	44·4	51·7																						
	Hampstead ..	9 9 9	450	56·5	42·6	49·5	+0·5	86	21	—	—	28·03	712	—	22	7 Nov.	182	125	25	6	4	12	—	124	—	4·10	+0·02	34
	Kensington ..	18—9 9	80	58·1	45·8	51·9	+0·7	87	26	52·2	52·5	25·21	640	+ 25	20	7 Nov.	163	129	10	5	3	8	32	86	0	3·83	—	31
	Kingsway ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3·89	—	32
	Regent's Park ..	9 9 9	129	58·4	45·2	51·8	—	87	24	—	—	25·19	640	—	18	9 June	156	127	12	3	3	8	40	55	—	3·92	+0·35	32
	Kew ¶§	24 24 24	18	57·6	44·9	51·3	+1·1	85	25	51·3	52·1	25·67	652	+ 46	28	2 July	168	121	18	0	8	14	25	82	0	4·14	+0·13	34
	Observatory	18—7 —	—	57·5	45·6	51·5	+0·6																					
	Stroud Green ..	18—7 7	212	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Tottenham ††¶§	21 21 9	51	58·7	45·9	52·3	+1·4	88	22	—	53·4	26·07	662	+ 70	26	3 Oct.	156	129	8	1	3	10	—	31	—	4·13	+0·26	34
	Westminster ..	9 9 9	27	58·7	46·0	52·3	+1·0	86	24	—	—	24·34	618	+ 50	18	9 June	158	124	9	0	0	7	—	58	—	3·86	+0·25	32
Surrey.	Addington ..	9 9 9	472	56·3	43·7	50·0	+1·2	84	22	—	—	31·87	809	—	35	3 Oct.	177	132	7	1	0	3	19	—	—	—	—	—
	Croydon Aero. ..	18—7 7	217	57·4	44·9	51·1	+0·9	86	20	—	—	32·02	813	+134	31	3 Oct.	179	129	16	2	6	7	15	49	1	4·04	—0·20	33
	Wisley	9 9 9	150	57·9	43·2	50·5	+0·8	85	23	51·9	52·4	31·25	794	—	37	24 Aug.	180	134	11	0	3	10	17	122	15	3·88	—0·33	32
Kent.	Biggin Hill ..	18—7 7	567	55·0	44·1	49·5	+0·9	82	21	—	—	36·11	917	+119	29	3 Oct.	192	139	26	6	9	13	30	74	0	4·40	—0·08	36
	Bromley	9 9 9	213	57·9	44·0	50·9	—	86	19	—	—	27·08	688	+ 73	22	9 Oct.	165	129	14	1	6	11	19	68	—	—	—	—
	Canterbury ..	9 9 9	124	57·4	43·7	50·5	+0·2	85	17	52·4	52·1	30·58	777	—	24	{30 Aug. 4 Oct.}	183	127	—	—	—	—	—	85	—	—	—	—
	Dover	9 9 9	22	56·8	46·5	51·7	+1·8	84	27	52·6	53·7	34·79	884	—	27	30 Aug.	183	137	16	3	14	12	14	16	17	4·94	+0·14	40
	Dungeness ..	18—7 7	20	56·4	44·5	50·5	+0·2	83	19	—	—	31·20	793	+173	32	30 Aug.	179	136	10	4	5	11	11	—	11	—	—	—
	East Malling ..	9 9 9	132	57·3	42·1	49·7	—	85	17	—	—	30·36	771	—	26	9 Oct.	177	134	12	1	9	14	13	86	0	4·24	—	35
	Folkestone ..	9 9 9	101	56·3	45·6	50·9	+0·7	83	28	—	53·1	35·48	901	—	28	30 Aug.	182	136	12	5	11	21	8	55	—	4·91	+0·06	40
	Goudhurst ..	9 9 9	290	56·8	42·1	49·5	—	83	20	—	—	40·61	1031	—	33	30 Aug.	193	146	16	7	7	25	9	80	—	—	—	—
	Lympne	18—7 7	346	55·2	44·0	49·6	+0·7	83	23	—	52·2	35·08	891	+167	33	9 June	193	138	28	10	21	23	25	81	3	4·83	—0·03	40
	Manston	18—7 7	142	56·2	44·7	50·5	—	85	21	—	—	25·70	653	—	22	30 Aug.	174	132	15	3	16	17	13	52	6	5·07	—	41
	Margate .. ¶§	9 9 9	51	56·4	46·9	51·7	+1·0	87	28	52·6	53·3	22·56	573	+ 5	22	30 Aug.	167	123	13	1	6	13	7	21	9	5·03	+0·19	41
	Tunbridge W. ..	9 9 9	355	57·1	42·4	49·7	+0·5	87	18	51·5	52·3	38·60	980	—	34	24 Feb.	180	131	13	1	6	16	9	100	2	4·44	—0·03	36
	Wye	9 9 9	164	57·1	42·5	49·8	—	85	20	—	—	37·52	953	—	31	9 June	189	152	13	3	5	7	—	74	0	4·42	—	36
Sussex.	Ardingly	9 9 9	437	56·6	42·8	49·7	+1·0	85	23	—	—	46·07	1170	—	42	3 Oct.	202	150	13	1	3	15	—	80	—	—	—	—
	Beachy Head ..	18—7 7	502	55·2	43·1	49·1	—	79	25	—	—	39·38	1000	—	41	30 Aug.	174	145	17	5	10	11	27	—	—	—	—	—
	Brighton	9 9 9	32	56·8	46·2	51·5	+0·8	89	26	—	53·5	39·38	1000	+286	35	7 Nov.	164	129	13	0	6	10	9	51	6	4·70	—0·10	38
	Eastbourne ..	21 21 9	35	56·4	46·1	51·3	+0·7	79	26	53·0	53·8	38·49	978	+197	45	30 Aug.	181	136	10	2	4	9	4	53	—	4·90	—0·10	40
	Hastings ¶§	21 21 9	149	56·4	45·7	51·1	+0·9	83	28	52·6	52·7	38·15	969	+248	43	30 Aug.	191	142	9	6	4	12	1	46	18	4·94	+0·01	40
Berkshire.	Ascot H'therw'd	21 21 9	320	57·4	42·4	49·9	—	86	20	—	—	29·74	755	—	50	25 June	169	123	18	2	7	12	11	117	—	4·49	—	38
	Reading	9 9 9	152	58·9	43·8	51·3	+1·8	87	20	51·6	52·8	28·87	733	—	32	25 June	181	129	12	0	9	13	—	88	10	—	—	—
	Shinfield	9 9 9	200	58·4	42·4	50·4	+1·1	88	19	—	—	28·07	713	—	33	25 June	158	123	12	2	5	11	—	—	—	—	—	—
	Warfield	9 9 9	220	57·7	41·8	49·7	—	86	17	51·4	—	30·52	775	—	28	25 June	169	132	8	3	4	8	71	106	—	4·12	—	34
Hampshire.	Bournemouth ..	9 9 9	139	57·9	44·8	51·3	+1·0	87	21	52·1	52·4	38·39	975	+174	50	16 Nov.	180	140	2	0	1	4	41	—	—	4·75	—0·10	39
	Calshot	18—7 7	8	57·2	46·0	51·6	+0·7	84	23	—	—	34·79	884	+238	40	1 July	176	138	6	1	11	15	16	55	17	4·73	—0·14	39
	Long Sutton ..	9 9 9	479	56·8	42·1	49·5	—	85	21	51·8	—	37·27	947	—	37	24 Aug.	171	129	17	2	3	4	16	78	—	4·12	—	34
	Southampton ¶§	21 21 9	64	57·6	44·8	51·2	+0·4	87	22	—	—	41·22	1047	+261	53	1 July	183	149	9	0	2	8	36	72	5	4·33	—0·22	35
	S. Farnboro' ..	18—7 7	237	58·3	42·9	50·6	+1·1	88	18	—	—	33·09	841	+178	51	24 Aug.	174	128	19	0	13	9	30	111	4	4·34	—0·04	36

†† Tottenham is used as a "district value" station for England, E., and not for England, S.E.
g Temperature from thermometers on a Glaisher stand. ¶§ See Notes on Tables on page 183 of this issue.

TABLE III (*continued*).—SUMMARY of the RECORDS of TEMPERATURE, RAINFALL, and SUNSHINE, and of WEATHER OBSERVATIONS, YEAR 1935.

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.	Difference from Average.	Most in a day. Amount.	Date.	WEATHER. Number of days. Precip'n. 0.2 mm. or more.	1 mm. or more.	Snow.	Snow lying.	Hail.	Thunderstorm.	Fog (Morn'g Obs.)	Ground Frost.	Gale.	BRIGHT SUNSHINE. Hours per day. Daily Mean.	Difference from Average.	Per cent.
5. ENGLAND, S.E.—*cont.*	G.M.T.			ft.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	in.	mm.	mm.	mm.										hr.	hr.	%
I. of Wight. Newport ..	9	9	9	48	58·6	43·7	51·1	—	87	21	—	—	43·49	1105	—	36	7 Nov.	179	137	8	0	14	13	20	91	—	—	—	—
Ryde	9	9	9	13	57·3	46·5	51·9	+0·8	84	28	—	—	37·03	941	—	38	1 July	177	127	4	0	5	10	4	—	8	4·81	+0·07	39
Sandown ..	9	9	9	13	56·9	46·6	51·7	+0·4	82	25	—	—	39·77	1010	—	42	3 Oct.	193	143	6	1	2	7	0	—	—	5·19	+0·23	43
Totland Bay ..	9	9	9	140	56·6	45·9	51·3	+0·8	86	25	—	—	33·09	841	+116	32	16 Nov.	178	126	6	2	5	8	14	50	30	4·85	+0·02	40
Ventnor (Hospital)	9	9	9	59	57·2	47·2	52·2	+0·7	84	28	—	—	39·01	991	+257	44	7 Nov.	185	140	12	1	14	10	—	—	6	4·86	+0·01	30
Wilts. Amesbury (Boscombe Down)	18–7	7		417	56·3	42·6	49·5	—	87	21	—	—	35·94	913	—	26	11 July	179	132	14	2	9	11	27	75	7	4·44	—	36
Larkhill.. ..	9	9	9	440	56·4	42·1	49·3	+0·6	85	19	—	—	34·62	879	+230	31	24 Aug.	172	133	14	0	8	10	15	105	13	—	—	—
Marlboro' ¶§	9	9	9	424	56·8	40·9	48·9	+1·0	87	18	50·3	51·1	43·12	1095	+304	40	3 Sept.	190	149	13	6	6	9	10	111	4	4·13	+0·34	34
Porton	9	9	9	363	57·0	41·4	49·2	+0·8	87	18	50·5	—	35·69	907	+234	26	23 Oct.	171	136	12	2	5	14	6	93	15	4·60	—	38
***7a.* ENGLAND, N.W.**																													
Cumberland. Keswick ..	9	9	9	254	54·7	42·2	48·5	+0·5	82	17	49·2	49·9	55·01	1397	+ 3	37	26 Aug.	199	166	31	3	14	9	0	76	4	3·61	+0·29	29
Newton Rigg ¶§	21	21	9	560	53·5	39·6	46·5	+0·2	82	11	—	—	35·56	903	— 22	24	15 Feb.	206	160	27	18	15	12	5	139	13	3·80	+0·06	31
Westmorland. Ambleside ..	9	9	9	145	55·0	40·8	47·9	—	85	13	—	—	68·08	1729	—	94	15 Feb.	216	191	16	10	14	9	3	—	—	3·18	—	26
Appleby ..	9	9	9	440	54·2	39·5	46·9	+0·9	83	8	—	—	33·48	850	— 40	31	21 Sept.	189	147	21	9	2	11	—	—	—	—	—	—
Lancashire. Bolton	9	9	9	342	55·2	42·9	49·1	+1·1	84	19	49·4	49·6	49·20	1250	+155	44	9 Oct.	203	168	13	11	10	19	—	45	—	3·33	+0·56	27§
Burnley.. ..	9	9	9	458	54·1	41·7	47·9	+1·0	84	17	49·0	49·5	46·07	1170	—	34	15 Feb.	204	165	16	13	13	13	27	69	—	3·28	+0·23	27§
Darwen ..	21	21	9	724	54·5	41·7	48·1	+1·4	86	21	49·1	48·8	59·07	1500	+227	44	9 Oct.	226	181	39	17	20	26	44	82	—	3·57	+0·43	29§
Hutton	9	9	9	82	55·4	42·4	48·9	+0·9	85	18	49·5	51·0	39·51	1003	—	41	21 Sept.	198	154	13	11	14	21	11	87	1	3·83	+0·25	31
Lancaster ..	9	9	9	312	55·4	42·9	49·1	+0·7	86	22	47·3	48·9	44·56	1132	+ 98	52	21 Sept.	198	165	10	2	12	19	25	47	3	4·01	+0·23	33
Leyland ..	9	9	9	125	55·6	41·8	48·7	+0·8	84	16	—	—	41·19	1046	+160	37	9 Oct.	198	156	7	10	14	19	22	85	—	4·00	+0·36	33
Manchester—																													
(Barton) ..	18–7	7		70	56·3	42·3	49·3	—	85	19	—	—	35·45	901	—	36	9 Oct.	190	149	24	10	20	23	44	94	14	3·76	—	31
(Oldham Road)	21	21	9	191	56·6	45·7	51·1	+1·4	88	26	50·4	51·7	36·83	935	+ 65	38	9 Oct.	186	154	27	—	9	11	—	56	—	2·87	+0·22	23§
(Whitworth Park)	21	21	9	125	56·4	44·2	50·3	+1·1	86	22	—	—	34·79	884	+ 79	34	9 Oct.	191	156	—	—	—	—	63	—	—	3·27	+0·49	27
Southport (Bedford Rd. Pk.) ¶§	9	9	9	35	55·9	43·6	49·7	+1·0	85	19	50·4	51·0	34·82	884	+ 71	38	9 Oct.	183	151	15	0	30	22	11	55	29	4·31	+0·15	35
Stonyhurst ¶§	9	9	9	377	53·9	42·5	48·2	+0·6	83	17	—	—	53·28	1353	+170	52	21 Sept.	207	166	24	14	21	26	14	63	6	3·97	+0·43	32§
Cheshire. Bidston Obs'y.	21	21	9	198	54·1	44·9	49·5	+0·5	84	23	—	—	30·35	771	+ 62	37	9 Oct.	182	135	14	5	22	18	18	23	19	4·11	+0·12	34
Hoylake ..	9	9	9	23	56·0	43·8	49·9	+0·4	84	23	—	—	31·10	790	+ 75	41	9 Oct.	182	149	9	2	11	14	—	69	—	4·29	+0·18	35
Macclesfield ..	9	9	9	500	54·9	42·4	48·7	+1·4	87	17	—	—	42·86	1089	+223	30	9 Oct.	193	171	22	14	11	13	18	—	—	—	—	—
West Kirby ..	9	9	9	25	55·9	44·1	50·0	—	84	22	—	—	29·65	753	+ 44	41	9 Oct.	174	139	28	3	45	27	3	67	—	4·32	—	35
***7b.* NORTH WALES.**																													
Flint. Hawarden B'dge	9	9	9	17	56·7	43·3	50 0	+0·3	83	20	—	—	29·76	756	—	27	17 Nov.	190	138	10	2	17	15	21	—	—	—	—	—
Rhyl	9	9	9	31	56·0	44·3	50·1	+0·6	85	25	—	—	27·43	697	+ 42	34	9 Oct.	188	135	11	1	17	11	3	47	12	4·22	—0·11	34
Sealand ¶§	18–7	7		16	56·4	43·1	49·7	+0·6	86	22	50·5	51·0	28·57	726	+ 65	25	17 Nov.	185	136	12	1	15	16	24	81	7	4·04	+0·34	33
Anglesey. Holyhead ¶§	18–7	7		26	54·3	47·3	50·8	+0·9	73	30	—	—	35·39	899	+ 12	37	9 Oct.	197	142	8	0	24	7	2	18	26	4·56	+0·33	37
Denbigh. Colwyn Bay ..	9	9	9	118	56·0	45·9	50·9	+0·7	84	26	—	—	30·27	769	— 21	35	9 Oct.	203	145	3	0	10	5	5	—	—	4·05	—0·12	33
Carnarvon. Aber	9	9	9	60	55·7	45·6	50·7	—	82	27	—	—	43·83	1113	—	53	9 Oct.	224	170	12	1	14	9	—	67	4	3·77	—	31§
Llandudno ..	9	9	9	13	55·7	46·0	50·9	+0·8	84	28	—	—	28·27	718	+ 4	44	9 Oct.	199	144	13	0	13	8	2	29	7	4·23	0·0	35
Montgomery. Welshpool ..	9	9	9	254	57·7	41·3	49·5	+1·1	89	18	—	—	29·02	737	— 28	26	27 Sept.	187	134	11	3	0	6	14	—	—	—	—	—
***8a.* SOUTH WALES.**																													
Cardigan. Aberystwyth ..	9	9	9	12	55·0	45·4	50·2	+0·3	82	24	—	—	40·43	1027	—	36	25 June	221	168	4	1	22	4	3	—	—	4·23	+0·16	35
,, P.B.S. †	9	9	9	452	53·8	44·0	48·9	—	81	25	—	—	49·18	1249	—	37	26 Aug.	232	175	11	4	13	3	8	54	13	3·99	—	33
Pembroke. Haverfordwest..	21	21	9	250	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
St. Ann's Hd. ¶§	18–7	7		142	54·7	46·6	50·7	+0·3	74	30	—	—	32·47	825	— 70	24	27 Sept.	204	145	2	0	27	6	12	—	29	4·29	—0·03	35
Radnor. Rhayader ¶§	9	9	9	757	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Brecknock. Cantref	9	9	9	1080	52·6	38·7	45·7	—	80	20	—	—	70·55	1792	—	44	9 Oct.	228	202	24	5	1	15	13	—	—	3·93	—	32
Glamorgan. Cardiff	21	21	9	202	56·4	44·6	50·5	+1·1	84	22	51·7	52·1	44·85	1139	+ 87	33	15 April	190	147	6	1	3	7	14	58	4	4·31	—0·08	35
Swansea ..	9	9	9	32	57·0	46·3	51·7	+0·7	84	25	53·0	54·8	47·23	1200	—	31	17 May	210	165	1	0	10	5	16	62	—	4·27	+0·17	35
***8b.* ENGLAND, S.W.**																													
Monmouth. Newport ..	9	9	9	265	56·9	43·9	50·4	0·0	86	21	51·7	51·8	49·00	1245	—	41	18 Sept.	195	158	—	—	—	—	19	—	—	4·41	—	36
Usk	9	9	9	70	57·8	41·5	49·7	—	87	14	52·5	—	38·28	972	—	35	10 April	163	135	9	3	3	15	11	88	5	3·87	—	32
Somerset. Bath ¶§	9	9	9	67	57·8	44·4	51·1	+1·2	88	19	53·1	53·6	39·72	1009	+240	49	25 June	185	152	12	0	12	17	23	—	2	4·29	+0·12	35
Cannington ..	9	9	9	95	57·8	44·6	51·2	—	83	20	—	—	32·92	836	—	32	16 Nov.	205	151	6	1	7	16	11	80	11	4·40	—	36
Long Ashton ..	9	9	9	162	57·2	43·7	50·5	+0·5	85	18	—	—	43·98	1117	+250	39	11 July	205	152	10	6	16	14	10	88	6	4·03	—0·30	33
Dorset. Holton Heath ..	9	9	9	64	57·6	43·5	50·5	+0·5	85	20	52·6	53·7	43·26	1099	—	58	16 Nov.	184	136	6	1	6	5	8	85	11	4·21	—0·43	34
Portland Bill ..	18–7	7		32	54·9	48·1	51·5	0·0	80	28	—	—	35·08	891	+251	41	16 Nov.	174	141	4	0	6	6	4	—	2	—	—	—
Shaftesbury ..	9	9	9	722	55·1	43·1	49·1	+0·7	85	19	—	—	33·00	838	+ 12	38	16 Nov.	165	150	9	4	5	3	—	—	—	—	—	—
Devon. Arlington ..	9	9	9	613	56·3	43·0	49·7	+1·1	81	22	—	—	57·50	1461	+ 95	42	30 Aug.	224	190	8	5	30	14	—	56	—	—	—	—
Cullompton ¶§	9	9	9	202	58·6	43·2	50·9	+0·9	86	21	52·5	—	39·24	997	+101	34	14 Nov.	215	161	5	4	9	5	7	128	—	4·12	—0·31	34
Ilfracombe ..	9	9	9	25	56·0	48·1	52·0	+0·5	81	29	53·0	54·2	42·49	1079	+165	30	9 Oct.	195	155	5	0	5	2	1	10	—	4·16	—0·06	34

†Plant Breeding Station. ¶ § § *See* Notes on Tables on page 183 of this issue.

TABLE III (*continued*).—SUMMARY of the RECORDS of TEMPERATURE, RAINFALL and SUNSHINE, and of WEATHER OBSERVATIONS, YEAR 1935.

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.		Difference from Average.	Most in a day. Amount.	Date.	WEATHER. Number of days. Precip'n. 0.2 mm. or more.	1 mm. or more.	Snow.	Snow lying.	Hail.	Thunderstorm.	Fog(Morn'g Obs.)	Ground Frost.	Gale.	BRIGHT SUNSHINE. Hours per day Daily Mean	Difference from Average.	Per cent.
		G.M.T.			ft.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	in.	mm.	mm.	mm.											hr.	hr.	%
8*b*. ENGLAND, S.W.—*cont.*																														
Devon	Killerton ..	9	9	9	159	58·3	43·3	50·8	+0·8	86	21	—	—	36·52	927	—	28	14 Nov.	198	153	—	—	—	—	3	134	—	—	—	—
—*cont.*	Newton Abbot..	9	9	9	375	57·4	44·4	50·9	—	84	24	—	—	39·67	1008	+127	37	14 Nov.	190	142	11	3	10	7	6	72	—	4·29	—	35
	Paignton ..	9	9	9	12	57·6	45·5	51·5	+0·4	82	23	—	—	42·23	1073	—	33	6 June	192	137	5	2	17	11	5	75	—	4·44	—0·24	36
	Plymouth (Hoe)	21	21	9	117	57·1	46·3	51·7	+0·5	82	24	52·9	53·3	42·33	1075	+142	48	14 Nov.	193	155	4	0	12	7	28	29	25	4·51	—0·07	37
	Plymouth (Mount Batten)	18—	7	7	82	56·1	47·1	51·6	+0·3	81	25	—	—	37·90	963	—	43	14 Nov.	188	147	6	0	24	9	7	31	25	4·47	—0·09	37
	Princetown ..	9	9	9	1430	52·9	40·7	46·8	+0·7	78	22	—	—	83·11	2111	+ 32	60	6 June	230	208	—	—	—	—	79	—	—	—	—	—
	Salcombe ..	9	9	9	39	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Sidmouth ..	9	9	9	25	57·7	45·5	51·6	+1·4	83	25	—	—	34·61	879	—	33	16 Nov.	177	137	4	1	5	8	2	53	—	4·56	—	37
	Tavistock ..	9	9	9	457	56·2	43·6	49·9	+0·3	83	21	—	52·4	51·91	1318	+109	68	5 Oct.	220	178	8	2	18	11	4	90	13	—	—	—
	Teignmouth ..	9	9	9	20	57·6	46·7	52·1	+0·6	83	24	—	—	36·10	917	+110	25	14 Nov.	173	132	6	0	5	11	2	—	—	4·59	—0·09	38
	Torquay ..	9	9	9	27	57·6	46·0	51·8	+0·1	84	24	—	53·6	38·14	969	+129	29	6 June	184	139	5	1	10	10	5	42	10	4·81	—0·06	39
	Woolacombe ..	9	9	9	60	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cornwall.	Falmouth Obs.¶§	9	9	9	167	56·7	46·6	51·7	+0·5	79	27	51·7	54·4	42·92	1090	— 17	41	23 Aug.	205	159	2	0	21	2	11	32	—	4·39	—0·34	36
	Fowey	9	9	9	51	57·6	46·0	51·8	+0·1	81	24	—	—	37·62	955	—	39	23 Aug.	207	178	2	0	8	5	9	—	—	4·27	—0·30	35
	Gulval	9	9	9	20	57·4	44·0	50·7	—	79	26	—	—	40·57	1030	—	27	30 Aug.	202	162	2	0	14	2	—	36	—	4·42	—	36
	The Lizard ..	18—	7	7	240	55·6	47·1	51·3	—	79	30	—	—	34·33	872	—	26	30 Aug.	197	153	5	2	18	0	22	—	30	—	—	—
	Newquay ..	9	9	9	190	55·5	46·2	50·9	+0·1	76	24	52·2	52·9	36·14	918	+ 73	59	23 Aug.	209	161	2	0	12	1	6	—	8	4·27	—0·31	35
	Redruth ..	9	9	9	397	55·3	45·1	50·2	0·0	75	26	—	—	45·05	1144	— 5	35	23 Aug.	220	172	4	0	19	3	12	70	29	—	—	—
9. IRELAND, N.																														
Sligo.	Markree Cas. ¶§	21	21	9	122	55·6	41·4	48·5	+0·5	76	12	50·9	50·9	45·59	1158	+ 52	41	1 Sept.	241	210	10	0	31	10	3	—	12	3·54	+0·15	29
Mayo.	Blacksod Pt. ¶	18—	7	7	18	54·0	45·9	49·9	—	73	31	—	—	46·15	1172	— 90	26	18 Sept.	245	209	1	0	36	8	0	—	16	—	—	—
	Mallaranny §	9	9	9	113	55·3	44·7	50·0	+0·5	75	24	—	—	61·51	1562	—	29	10 Aug.	244	226	—	—	—	—	0	—	—	3·61	+0·19	30
Donegal.	Malin Head ¶§	18—	7	7	84	52·7	44·5	48·6	+0·3	75	29	—	—	39·20	996	+184	21	9 Nov.	225	180	6	0	39	7	2	—	7	3·47	—0·19	28
Antrim.	Aldergrove ..	18—	7	7	238	54·1	42·5	48·3	—	75	18	—	—	29·50	749	— 89	20	15 Dec.	211	154	19	2	16	8	9	60	4	3·88	—	32
Down.	Donaghadee ..	7	7	7	'40	—	—	—	—	—	—	—	—	29·83	758	— 37	24	16 Sept.	211	146	7	0	4	5	6	—	0	—	—	—
	Hillsborough ..	9	9	9	388	53·3	41·5	47·4	—	75	22	49·3	—	32·52	826	—	29	16 Sept.	204	160	13	2	4	6	3	89	3	3·97	—	33
Armagh.	Armagh.. ¶§	21	21	9	204	55·2	42·0	48·6	+0·5	76	17	50·1	50·4	30·25	768	— 38	25	11 Nov.	215	157	12	2	13	7	6	59	5	3·88	+0·34	32
Longford.	Newtownforbes	21	21	9	154	55·3	40·6	47·9	+0·1	77	16	49·1	50·3	37·34	949	— 6	50	16 Sept.	191	180	3	1	7	2	—	—	—	—	—	—
10. IRELAND, S.																														
Dublin.	Balbriggan ..	9	9	9	203	54·6	42·8	48·7	+0·2	75	24	50·0	51·2	30·08	764	+ 33	27	20 Nov.	203	138	3	1	11	5	2	65	—	—	—	—
	Dublin City ¶	21	21	9	54	55·8	45·6	50·7	+0·6	76	22	—	—	23·75	603	— 92	34	24 Feb.	186	127	6	0	6	4	12	42	3	—	—	—
	,, Glasnevin ..	21	21	9	55	56·5	42·1	49·3	+0·3	79	21	—	—	26·84	682	— 28	41	24 Feb.	194	140	5	0	12	3	20	71	1	—	—	—
	,, Phœnix Pk. §	21	21	9	155	56·2	41·8	49·0	+1·2	79	15	—	—	26·66	677	— 25	35	24 Feb.	195	135	8	2	14	3	20	106	—	4·29	+0·31	35
	,, Trin. Coll. ..	21	21	9	13	57·1	45·2	51·1	+1·1	80	21	51·2	51·4	24·07	611	— 51	35	24 Feb.	176	127	9	0	9	4	—	78	3	—	—	—
	Hazelhatch .. (Peamount San)	9	9	9	366	55·6	41·3	48·5	—	77	15	49·9	50·9	28·06	713	—	38	24 Feb.	171	143	—	—	—	—	18	—	—	4·32	—	35
	Rathfarnham ..	9	9	9	169	55·8	43·6	49·7	—	78	18	50·3	—	28·16	715	—	31	20 Nov.	191	135	8	1	9	14	6	65	—	4·14	—	34
Wicklow.	Newcastle ..	21	21	9	256	56·0	43·1	49·5	+0·5	81	27	—	—	30·58	776	—	33	24 Feb.	174	136	2	0	0	0	5	—	—	—	—	—
Offaly.	Birr Castle ¶§	18—	7	7	173	55·5	42·3	48·9	+0·1	78	16	50·5	51·1	32·42	823	— 4	29	1 Sept.	215	152	1	0	12	3	11	110	0	3·76	+0·18	31
Leix.	Mountmellick ..	9	9	9	245	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Waterford.	Seskin, Carrick-on-Suir	21	21	9	535	55·0	42·4	48·7	+0·1	80	21	—	—	38·87	987	—	34	11 Sept.	223	152	8	0	8	9	12	76	18	4·31	+0·30	35
	Waterford ¶	9	9	9	137	56·4	43·8	50·1	+0·2	77	19	—	—	33·93	862	—127	27	11 Sept.	199	137	1	0	4	4	67	—	19	—	—	—
Limerick.	Foynes	9	9	9	43	56·3	43·8	50·1	+0·3	79	16	—	—	41·77	1061	+ 53	34	13 April	237	169	—	—	—	—	—	—	—	—	—	—
Kerry.	Valentia Obs. ¶§	24	24	24	30	55·3	46·9	51·1	+0·4	72	29	52·1	52·5	51·33	1304	—110	38	26 June	249	201	3	0	45	1	3	20	37	3·80	+0·05	31
		18—	7	—	—	55·3	46·7	51·0	+0·1																					
Cork.	Ballinacurra §	9	9	9	24	56·5	43·4	49·9	+0·1	75	20	—	—	34·45	875	—150	38	16 Sept.	198	141	3	0	5	6	—	—	—	4·11	+0·14	34
	Cork	9	9	9	57	57·1	43·7	50·4	—	76	19	—	—	35·61	905	—110	37	1 Sept.	195	146	0	0	1	5	25	89	—	3·97	—	33
	Roche's Pt. ¶	18—	7	7	22	54·9	46·9	50·9	+0·1	73	28	—	—	35·66	906	—157	38	16 Sept.	210	161	2	0	14	8	8	—	12	—	—	—
11. CHANNEL ISLES AND SCILLY.																														
Scilly.	St. Mary's ¶§	18—	7	7	163	55·9	48·4	52·1	—0·2	71	32	—	—	30·29	769	— 40	31	30 Aug.	211	142	2	0	23	6	22	—	24	4·69	+0·01	38
Guernsey.	St. Peter Port ¶§	18—	7	7	175	56·4	48·5	52·5	+0·7	78	27	53·8	54·3	43·33	1101	+258	49	7 Nov.	205	168	7	3	18	10	6	16	20	4·74	—0·43	39
Jersey.	St. Helier's ¶§	9	9	9	28	57·6	48·9	53·3	+0·9	86	26	—	—	37·92	963	+112	27	12 Aug.	193	156	5	3	2	7	6	—	—	4·94	—0·15	40
GIBRALTAR		18—	7	7	102	70·7	57·6	64·1	—0·4	97	33	—	—	23·58	599	—310	40	24 Dec.	76	63	2	0	4	4	3	4	3	—	—	—
MALTA		18—	7	7	231	70·1	61·1	65·6	—0·1	91	42	—	—	20·43	519	+ 58	47	12 March	92	63	0	0	11	19	1	—	8	8·34	—	69

¶§ S *See* Notes on Tables on page 183 of this issue.

TABLE III (*a*).—RIVER TEMPERATURE.

Place.	River.	Hour.	Highest.	Lowest	Mean.	Difference from Average.
			°F.	°F.	°F.	°F.
Belper ..	Derwent	9	—	—	—	—
Attenborough {	Trent ..	7	72·2	35·0	53·0	—
	,, ..	18	74·0	35·7	53·7	—

TABLE III (*b*).—SKY OBSERVATIONS, THE YEAR 1935.

WEATHER DIARY. ROYAL OBSERVATORY, GREENWICH.	Number.	NIGHT SKY RECORDER.**	GREENWICH.	PORTION.
Persistently overcast days ..	11	Recorder in operation on ..	357 nights	365 nights
,, cloudless ,, ..	1	Average exposure (hours) ..	9·39	8·85
,, foggy ,, ..	1	Polaris unobscured (per cent.)	51	53
		δ Ursæ Minoris (ditto) ..	44	44

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

TABLE III (*c*).—SOLAR RADIATION

DIRECT SOLAR RADIATION, KEW OBSERVATORY.	Cal./cm.²/diem.
Max. (29 June)	881
Mean ..	155

TABLE IV.—SUMMARY of the OBSERVATIONS of PRESSURE, TEMPERATURE, HUMIDITY, CLOUD, VISIBILITY, and WIND at fixed hours at certain Stations during the Year 1935.

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
0. SCOTLAND, N.	GMT.	ft.	mb.	mb.	°F.	°F.	mb.	%						
Shetlands. Lerwick ..	1	160	1008·3	—	44·8	1·3	9·1	89	7·4	6	36	65	158	100
	7	160	1007·9	—1·4	45·1	1·5	9·2	88	7·9	4	11	72	179	99
	13	160	1008·3	—	46·8	2·1	9·4	84	8·0	2	11	64	202	86
	18	160	1008·4	—	45·9	1·7	9·2	86	7·8	3	16	76	175	95
Orkneys. Deerness ..	9	165	—	—	—	—	—	—	—	—	—	—	—	—
	21	165	—	—	—	—	—	—	—	—	—	—	—	—
Hebrides. Stornoway..	1	83	1008·5	—	45·9	1·5	9·4	88	7·1	16	31	81	125	112
	7	83	1008·2	—1·7	46·4	1·8	9·5	86	7·8	3	23	61	180	98
	13	83	1008·5	—	49·6	3·0	9·7	79	7·8	8	20	49	188	100
	18	83	1008·4	—	48·3	2·5	9·5	81	7·8	10	18	48	176	113
Caithness. Wick ..	1	79	1008·8	—	44·7	1·0	9·4	92	8·1	0	23	56	159	127
	7	79	1008·3	—1·9	45·2	1·1	9·5	91	8·2	0	12	55	167	131
	13	79	1008·8	—	48·4	1·9	10·1	86	8·3	0	7	49	203	106
	18	79	1008·7	—	47·1	1·7	9·7	87	8·2	0	23	40	180	122
Inverness. Dalwhinnie†	7	1180	966·9	—	41·1	1·5	7·9	87	8·2	8	34	36	78	209
	13	1180	967·0	—	47·3	3·7	8·3	74	8·2	7	31	44	77	206
	18	1180	967·2	—	45·1	3·0	8·1	78	8·2	4	38	42	59	222
Inverness. Inverness ..	9	250	1009·2	—	46·2	2·4	8·9	82	5·7	9	68	136	101	51
	17	250	1009·0	—	48·5	3·2	9·2	78	5·7	17	57	138	118	35
1. SCOTLAND, E.														
Aberdeen. Aberdeen H	7	85	1009·5	—2·1	45·5	2·3	8·8	83	7·1	7	70	39	148	101
	13	85	1009·7	—2·0	50·0	3·7	9·4	75	7·1	2	58	65	163	77
	18	85	1009·8	—1·9	48·1	3·0	9·2	79	6·7	6	76	55	141	87
	21	85	1010·1	—1·9	46·2	2·3	9·0	82	6·5	37	67	39	110	112
	h.*	85	1009·7	—2·1	47·0	2·7	9·1	80						
Aberdeen. Braemar‡ ..	9	1108	1009·8	—	43·8	2·7	7·8	79	7·8	22	24	45	82	192
Perth. Crieff ..	9	482	1010·0	—	46·6	2·9	8·8	79	7·7	3	38	64	115	145
	21	482	1010·1	—	45·3	2·3	8·7	82	7·3	34	46	31	61	193
Fife. Inchkeith ..	1	184	1010·7	—	46·1	1·4	9·7	89	6·8	4	83	66	103	109
	7	184	1010·5	—	45·8	1·4	9·7	89	7·9	0	28	52	173	112
	13	184	1010·6	—	49·8	2·7	10·1	81	7·9	0	19	48	223	75
	18	184	1010·4	—	49·0	2·2	10·2	84	7·7	1	27	71	163	103
Fife. Leuchars H	7	36	1010·2	—	44·7	1·8	9·1	87	7·1	5	69	43	154	94
	13	36	1010·2	—	51·6	4·1	9·8	73	7·5	0	47	49	189	80
	18	36	1010·1	—	48·8	3·1	9·6	79	7·0	4	69	50	155	87
Mid Lothian. Edinburgh (Blackford Hill)	9	441	1010·7	—	46·8	2·8	8·9	79	7·2	5	66	53	105	136
	21	441	1010·8	—	45·9	2·4	8·8	82	6·7	33	62	46	71	153
6*a*. SCOTLAND, W.														
Argyll. Tiree	7	40	1009·2	—	48·1	2·1	9·9	84	7·1	4	53	56	176	76
	13	40	1009·6	—	51·2	3·2	10·2	78	6·9	4	71	51	166	73
	18	40	1009·5	—	49·4	2·5	10·0	82	6·8	6	70	55	158	76
Bute. Rothesay ..	9	187	1010·3	—	48·1	2·1	9·9	84	6·7	0	52	90	168	55
	21	187	1010·3	—	47·6	1·9	9·9	86	6·6	0	63	90	142	70
Renfrew. Renfrew (Abbotsinch)	7	24	1010·6	—	44·9	1·5	9·1	88	8·0	9	31	32	155	138
	13	24	1010·4	—	51·7	4·2	9·7	73	7·8	4	35	49	160	117
	18	24	1010·3	—	49·6	3·3	9·6	78	7·3	20	35	52	149	109
Dumfries. Eskdalemuir‡‡ H	7	778	1011·1	—	42·8	1·5	8·5	87	7·7	7	52	28	129	149
	13	778	1010·6	—	49·3	3·8	9·1	74	7·8	2	37	46	173	107
	18	778	1010·8	—	46·7	2·8	9·0	80	7·1	11	61	56	127	110
	21	778	1011·4	—	43·4	1·5	8·7	87	6·8	18	70	48	112	117
	h.*	778	1011·0	—	44·8	2·1	8·7	84						
6*b*. ISLE OF MAN.														
Isle of Man. Douglas H	9	286	1012·0	—1·7	48·9	2·5	10·0	82	7·0	2	66	38	187	72
Point of Ayre ..	7	31	—	—	—	—	—	—	—	—	—	—	—	—
	13	31	—	—	—	—	—	—	—	—	—	—	—	—
	18	31	—	—	—	—	—	—	—	—	—	—	—	—
2. ENGLAND, N.E.														
Northumberland. Cockle Park..	9	331	1010·9	—	47·2	2·2	9·6	84	7·5	5	42	87	65	166
	21	331	1011·2	—	44·7	1·5	9·1	88	6·9	10	79	65	46	165
Northumberland. Tynemouth..	1	122	1011·2	—	46·9	1·7	9·7	87	6·6	18	64	93	61	129
	7	122	1010·9	—1·8	46·7	1·9	9·4	86	7·0	0	51	106	119	89
	13	122	1011·1	—	50·8	3·2	10·1	78	7·2	0	24	139	132	70
	18	122	1010·9	—	49·8	2·8	10·0	80	7·2	0	40	116	120	89

DISTRICT, COUNTY AND PLACE.	Hour of Observation.	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.	4 to 7	1 to 3	Calm.	DIRECTION. N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
0. SCOTLAND, N.	GMT.																					
Shetlands. Lerwick ..	1	0	8	*1*	0	5	9	53	*87*	194	*8*	24	181	143	17	43	36	17	25	68	62	52	45
	7	0	6	*2*	0	3	8	54	*101*	187	*4*	14	187	162	2	52	26	25	22	71	69	49	49
	13	0	3	*1*	0	4	9	43	*105*	186	*14*	16	200	146	3	50	29	22	30	73	54	58	46
	18	0	3	*0*	3	3	9	51	*104*	177	*15*	12	192	160	1	38	31	24	28	76	56	55	56
Orkneys. Deerness ..	9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hebrides. Stornoway..	1	0	1	1	0	2	16	72	142	124	7	11	110	226	18	40	28	16	31	55	88	50	39
	7	0	0	3	0	2	6	51	111	162	30	6	106	234	19	42	26	13	39	61	79	45	41
	13	0	0	0	0	0	6	44	90	173	52	10	144	206	5	32	35	22	43	73	68	46	41
	18	0	0	0	0	0	9	53	120	149	34	12	140	201	12	39	49	23	20	64	74	41	43
Caithness. Wick ..	1	0	2	0	*1*	1	*1*	*18*	*61*	*281*	*0*	16	120	229	0	16	13	12	37	61	74	74	78
	7	0	7	0	*0*	1	*1*	*14*	*58*	*283*	*1*	14	117	233	1	20	21	13	34	68	86	58	64
	13	0	3	0	*0*	1	*2*	*11*	*67*	*280*	*1*	14	139	211	1	27	27	21	59	63	48	54	65
	18	0	4	0	*0*	0	*1*	*12*	*73*	*275*	*0*	14	126	223	2	30	22	24	54	56	54	57	66
Inverness. Dalwhinnie†	7	0	1	1	2	2	10	53	176	120	0	1	64	228	72	37	35	5	11	81	72	32	20
	13	0	0	0	3	2	2	27	142	189	0	3	90	254	18	35	36	5	17	80	97	55	22
	18	0	0	1	1	2	10	39	164	148	0	3	77	250	35	37	40	3	20	84	76	39	31
Inverness. Inverness ..	9	*1*	*1*	*5*	*3*	*3*	*11*	40	*38*	143	120	1	102	202	60	22	36	7	17	107	63	29	24
	17	*0*	*1*	*3*	*3*	*5*	*6*	34	*27*	171	115	0	131	198	36	19	45	13	28	108	67	25	24
1. SCOTLAND, E.																							
Aberdeen. Aberdeen H	7	0	0	3	4	10	21	82	96	148	*1*	0	80	261	24	21	7	14	29	67	62	60	81
	13	0	0	2	4	4	22	84	*74*	169	*6*	0	150	210	5	19	23	34	55	68	45	50	66
	18	0	0	1	6	12	24	105	*95*	119	*3*	0	109	241	15	20	28	36	41	73	47	46	59
	21	0	0	3	8	3	29	103	*119*	99	*1*	0	70	285	10	20	12	20	43	69	57	62	72
	h.*																						
Aberdeen. Braemar‡ ..	9	*0*	*0*	*0*	*2*	*5*	*17*	*118*	*190*	*33*	*0*	1	39	255	70	31	33	24	9	22	110	41	25
Perth. Crieff ..	9	—	—	—	—	—	—	—	—	—	—	1	155	209	0	39	12	86	10	40	26	131	21
	21	—	—	—	—	—	—	—	—	—	—	3	76	286*	0	37	16	78	13	27	31	135	28
Fife. Inchkeith ..	1	0	0	2	4	*12*	2	31	76	*232*	6	6	87	272	0	21	37	45	28	34	149	32	19
	7	0	3	3	9	*12*	11	35	80	*208*	*4*	5	103	256	1	19	42	54	18	24	147	37	23
	13	0	0	1	9	*17*	6	40	86	*198*	*8*	7	115	243	0	13	54	55	14	22	156	33	18
	18	0	1	0	4	7	8	50	80	*212*	*3*	3	113	249	0	11	44	64	22	27	139	41	17
Fife. Leuchars H	7	0	1	5	4	7	15	61	132	*122*	*18*	0	67	248	50	14	22	38	16	18	90	89	28
	13	0	0	0	1	4	16	52	93	*166*	*33*	0	111	243	11	18	15	81	31	24	85	73	27
	18	0	0	0	2	4	13	71	97	*146*	*32*	0	87	254	24	16	22	69	33	26	74	73	28
Mid Lothian. Edinburgh (Blackford Hill)	9	0	9	6	12	26	72	205	*34*	*1*	0	5	95	231	34	18	43	20	35	25	85	73	32
	21	0	6	5	8	24	69	194	*38*	*20*	1	1	94	221	49	10	23	38	33	38	57	99	18
6*a*. SCOTLAND, W.																							
Argyll. Tiree	7	0	0	1	0	0	5	59	160	*116*	24	5	193	159	8	52	15	31	59	55	53	54	38
	13	0	0	0	1	1	8	64	99	*123*	69	3	233	128	1	57	11	21	51	65	59	53	47
	18	0	0	0	0	1	7	70	122	*102*	63	5	195	158	7	62	12	26	45	46	59	59	49
Bute. Rothesay ..	9	0	2	8	9	*2*	*32*	140	*58*	*113*	*1*	15	170	163	17	23	18	88	26	41	30	51	71
	21	0	0	15	*8*	*2*	*42*	97	*144*	*56*	*1*	14	145	171	35	19	14	62	27	39	40	50	79
Renfrew. Renfrew (Abbotsinch)	7	1	7	6	9	36	45	103	47	*86*	*25*	1	74	227	63	14	27	57	19	16	82	67	20
	13	2	2	4	17	16	29	73	52	*112*	*58*	3	144	197	21	18	48	34	21	24	84	85	30
	18	2	3	4	10	20	37	86	47	*109*	*47*	0	108	229	28	16	31	56	15	32	77	86	24
Dumfries. Eskdalemuir‡‡ H	7	0	2	5	4	8	8	*107*	*98*	*118*	*15*	2	110	186	67	52	49	10	15	48	72	32	20
	13	0	3	0	3	3	6	*73*	*102*	*167*	*8*	3	177	175	10	29	45	27	25	61	90	56	22
	18	0	2	0	1	3	13	*86*	*97*	*143*	*20*	2	142	197	24	28	56	22	20	52	78	52	33
	21	0	3	3	0	10	20	*99*	*82*	*140*	*8*	3	101	209	52	54	43	9	14	45	70	45	33
	h.*																						
6*b*. ISLE OF MAN.																							
Isle of Man. Douglas H	9	0	0	4	*4*	11	2	*48*	*62*	*234*	*0*	24	122	219	0	29	34	45	37	24	66	87	43
Point of Ayre ..	7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2. ENGLAND, N.E.																							
Northumberland. Cockle Park..	9	0	3	4	2	10	9	67	49	155	*66*	1	54	294	16	26	25	18	36	39	29	83	93
	21	0	5	6	11	12	*12*	61	*75*	148	*35*	0	41	281	43	28	19	8	34	29	29	91	84
Northumberland. Tynemouth..	1	0	2	6	2	12	12	92	*186*	53	0	0	67	292	6	37	14	18	17	41	67	135	30
	7	0	1	5	8	28	11	123	*139*	50	0	0	68	294	3	50	17	17	11	45	72	124	26
	13	0	0	1	6	8	15	124	*133*	78	0	1	101	263	0	44	30	28	48	33	43	115	24
	18	0	0	3	3	11	14	128	*139*	67	0	0	71	292	2	41	26	31	40	39	48	113	25

* Mean of hourly readings. † Pressure at Station level. ‡ Mean pressure at Station level is 969.1 mb. ‡‡ Mean pressures at Station level are 982.3 mb. at 7 h., 982.2 mb. at 13 h., 982.2 mb. at 18 h. and 982.6 mb. at 21 h.

TABLE IV (*continued*).—SUMMARY of the OBSERVATIONS of PRESSURE, TEMPERATURE, HUMIDITY, CLOUD, VISIBILITY, and WIND at fixed hours at certain Stations during the Year 1935.

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.	4 to 7	1 to 3	Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
2. ENGLAND, N.E.—*cont.*	G.M.T	ft.	mb.	mb.	°F.	°F.	mb.	%																										
Durham. Durham ..	9	352	1011·8	—	48·2	2·9	9·4	79	7·1	31	44	40	92	158	0	4	5	14	45	54	89	106	*48*	0	3	49	258	55	30	24	16	14	73	50	76	27
	21	352	1012·0	—	46·1	2·0	9·4	85	6·5	76	34	26	55	174	0	3	4	7	25	45	116	142	*23*	0	3	39	246	77	27	24	20	7	66	45	70	29
Yorks., N. Riding Catterick H	7	186	1011·7	—	45·3	1·6	9·4	88	7·4	13	44	44	139	125	0	4	5	9	18	30	*73*	92	*130*	*4*	1	62	244	58	47	21	6	18	72	33	60	50
	13	186	1011·5	—	52·7	4·6	10·0	72	7·7	3	36	47	181	98	0	2	2	2	10	17	*86*	77	*159*	*10*	1	120	218	26	28	43	20	31	51	38	82	46
	18	186	1011·5	—	49·8	3·4	9·8	78	7·1	21	43	60	139	102	0	4	3	4	12	25	*64*	83	*157*	*13*	0	69	259	37	20	55	17	23	49	29	89	46
Yorks., N. Riding Scarborough ..	9	96	1011·8	—	50·6	3·6	9·8	76	5·7	5	135	59	147	19	0	14	5	15	25	18	113	104	*71*	0	3	65	296	1	23	19	3	51	29	47	57	136
	9	53	1012·5	—	49·2	3·2	9·6	78	6·7	44	40	68	60	153	—	—	—	—	—	—	—	—	—	—	1	7	351	6	86	19	17	20	75	40	67	35
York	21	53	1012·4	—	48·6	2·8	9·6	81	5·9	94	39	33	49	150	—	—	—	—	—	—	—	—	—	—	0	7	350	8	49	34	25	31	69	33	78	38
Yorks., E. Riding. Spurn Head..	1	28	1011·9	—	47·8	1·3	10·5	90	6·3	20	84	67	110	84	*2*	*7*	3	0	2	*19*	*65*	172	95	0	3	193	138	31	21	34	25	20	56	56	63	59
	7	28	1011·8	—1·6	47·8	1·4	10·5	90	7·4	3	25	85	168	84	*5*	*3*	5	9	9	*19*	*98*	154	63	0	4	193	133	35	27	31	28	28	39	53	63	61
	13	28	1011·9	—	52·4	3·1	11·1	80	7·2	0	27	101	171	66	*2*	*3*	5	6	3	*13*	*97*	175	61	0	8	211	117	29	32	34	36	54	30	38	64	48
	18	28	1011·7	—	50·3	2·1	10·9	85	7·1	5	25	102	162	71	*1*	*6*	4	5	6	*11*	*88*	172	72	0	4	217	107	37	24	38	28	58	42	40	62	36
Lincoln. Cranwell H	7	243	1012·9	—	45·7	1·6	9·7	79	7·2	23	45	35	155	107	1	12	8	18	*16*	43	151	79	37	0	0	130	222	13	33	29	18	30	35	72	92	43
	13	243	1012·7	—	54·4	5·5	10·0	69	7·5	9	35	47	197	77	0	3	2	7	*5*	25	127	107	88	1	2	171	189	3	26	40	20	39	38	82	74	43
	18	243	1012·6	—	51·6	4·3	9·8	75	6·6	24	61	54	149	77	0	3	0	12	*17*	34	113	88	93	5	0	129	228	8	22	50	29	41	42	71	69	33
3. ENGLAND, E.																																		
Norfolk. Cromer H	9	74	1012·3	—	50·5	2·8	10·6	81	6·7	16	26	135	97	91	0	0	2	3	2	8	*71*	*75*	*200*	*4*	1	85	278	1	63	19	32	24	103	36	65	22
	1	26	1013·1	—	48·2	1·7	10·2	87	5·3	87	59	57	75	87	0	1	1	4	*3*	17	*140*	*191*	8	0	1	129	221	14	29	27	16	28	62	92	65	32
Norfolk. Yarmouth ..	7	26	1012·8	—1·4	47·8	1·9	10·0	86	7·0	11	47	76	141	90	0	3	2	2	*9*	23	*211*	*112*	3	0	1	160	200	4	31	33	15	37	45	89	69	42
	13	26	1012·9	—	53·1	4·0	10·5	74	7·1	10	34	98	154	69	0	1	2	6	*6*	9	*205*	*136*	0	0	3	205	155	2	48	40	22	52	40	79	48	34
	18	26	1012·9	—	51·9	3·5	10·6	78	6·8	16	42	98	118	91	0	3	4	2	*3*	14	*220*	*119*	0	0	0	176	178	11	45	32	25	44	69	74	32	33
Suffolk. Felixstowe Aero.	7	20	1013·3	—	48·7	2·2	10·2	84	6·7	19	65	52	138	91	0	2	4	10	12	30	114	*149*	*44*	0	0	153	189	23	49	33	18	22	43	78	59	40
	13	20	1013·3	—	53·9	4·8	10·2	71	6·7	8	69	71	146	71	0	2	0	3	7	16	81	*146*	*105*	5	0	194	167	4	29	44	27	48	61	66	55	31
	18	20	1013·3	—	51·7	3·6	10·3	77	5·9	26	95	58	109	77	0	3	1	6	15	22	90	*165*	*52*	*11*	0	158	195	12	35	53	23	42	53	75	42	30
Cambridge. Cambridge H	9	43	1013·3	—1·8	51·1	3·2	10·8	81	6·6	43	46	58	66	152	—	—	—	—	—	—	—	—	—	—	1	76	273	15	28	52	15	28	37	77	63	50
	21	43	1013·4	—1·6	48·6	2·1	10·5	86	5·1	130	34	24	40	137	—	—	—	—	—	—	—	—	—	—	0	34	288	43	22	51	21	23	53	80	41	31
Hertford. Rothamsted ..	9	396	1013·0	—	49·5	2·8	10·1	81	6·2	31	77	46	135	76	0	2	1	7	3	*89*	*263*	*0*	*0*	*0*	0	63	211	91	57	24	19	16	35	33	50	40
Essex. Shoeburyness H	7	14	1013·5	—	48·8	1·7	10·9	87	6·7	35	68	34	117	111	2	3	2	3	24	42	87	134	68	0	0	90	257	18	43	27	16	21	55	77	61	47
	13	14	1013·6	—	55·1	4·2	11·6	75	7·1	15	52	53	158	87	0	1	3	5	15	7	90	130	113	1	0	117	241	7	30	41	33	32	55	82	50	35
	18	14	1013·5	—	52·2	3·0	11·3	81	6·1	28	83	51	120	83	0	4	2	7	12	20	74	119	120	7	0	99	249	17	26	47	29	21	58	82	50	35
4. MIDLAND COUNTIES.																																		
Yorks., W. Riding Harrogate ..	9	478	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Nottingham. Nottingham..	9	215	1012·3	—	49·6	3·0	10·0	79	6·8	19	53	73	113	107	4	12	16	44	77	22	140	34	*16*	0	0	34	331	0	41	45	25	18	31	62	119	24
	7	542	1013·3	—	46·0	1·8	9·5	87	6·9	27	49	46	145	98	0	3	2	12	40	74	86	54	*94*	0	0	71	291	3	38	47	17	25	54	78	59	44
Warwick. Birmingham H	13	542	1012·9	—	53·0	5·2	9·5	68	6·9	14	37	78	178	58	1	0	3	18	45	43	92	29	*134*	0	0	115	246	4	33	35	21	26	47	74	72	53
	18	542	1012·8	—	52·1	4·8	9·5	71	6·7	14	59	61	154	77	0	2	2	7	26	56	94	41	*137*	0	0	88	272	5	35	32	23	31	52	69	64	54
Oxford. Oxford	9	212	1013·9	—1·7	50·1	3·2	10·0	79	6·6	24	76	41	106	118	0	7	*4*	9	24	23	120	61	113	*4*	0	106	253	6	44	57	13	26	54	85	59	21
Shropshire. Shrewsbury H	9	186	1012·9	—	49·4	3·0	9·9	80	7·1	13	30	110	82	130	2	3	6	5	18	13	70	10	238	0	4	113	185	63	37	18	29	31	43	46	88	10
Hereford. Ross-on-Wye H	7	226	1013·1	—	46·9	2·1	9·7	85	7·1	16	56	46	143	104	*0*	*11*	5	3	20	29	89	96	109	*3*	0	60	278	27	41	47	26	18	30	89	66	21
	13	226	1012·9	—	54·9	5·5	10·2	67	7·1	6	51	73	154	81	*0*	*1*	0	2	10	18	76	95	145	*18*	1	104	259	1	37	42	36	13	32	85	89	30
	18	226	1012·8	—	52·8	4·5	10·2	72	6·8	10	79	50	132	94	*0*	*0*	3	8	11	30	65	88	147	*13*	0	69	294	2	31	33	37	21	26	99	85	31
	21	226	1013·3	—	49·3	2·7	10·1	81	6·1	22	112	29	93	109	*0*	*1*	4	8	23	27	97	81	116	*8*	1	50	296	18	27	38	34	24	36	102	74	12
Gloucester. Cheltenham H	9	230	1013·9	—	50·9	3·5	10·1	77	6·9	24	44	67	140	90	0	*0*	2	20	30	87	50	112	*64*	0	0	19	299	47	24	28	9	10	34	80	92	41
	21	230	1013·7	—	49·7	2·5	10·4	82	6·7	15	51	86	111	102	0	*0*	0	14	17	42	103	100	*89*	0	0	19	329	17	21	29	7	8	24	99	104	56
5. ENGLAND, S.E.																																		
London. *g*Greenwich H	9	152	1013·9	—1·8	51·6	3·5	10·5	78	7·1	33	49	26	120	137	4	1	8	20	56	62	158	48	8	0	0	144	218	3	47	50	22	16	48	102	60	17
	15	152	1013·2	—1·7	56·3	6·1	10·4	66	7·3	16	54	34	156	105	2	0	3	14	31	48	137	84	46	0	0	186	178	1	46	35	32	18	52	99	59	23
	21	152	1013·9	—1·7	49·6	2·7	10·3	81	6·1	63	66	21	85	130	0	3	2	9	29	63	158	64	37	0	0	134	231	0	29	39	39	28	55	103	58	14
	h.*	152	1013·6	—1·8	50·9																													
London. Kew Observatory .. .. H	7	34	1013·7	—1·8	48·3	2·2	10·0	84	7·1	39	39	38	109	140	0	10	6	9	9	82	133	84	32	0	0	62	274	29	32	47	31	7	31	104	63	21
	13	34	1013·6	—1·6	55·6	5·8	10·1	66	7·8	19	21	39	174	112	0	3	4	3	15	19	133	95	93	0	0	122	239	4	45	51	20	10	42	107	57	29
	18	34	1013·5	—1·6	54·1	5·1	10·2	70	6·7	36	51	47	128	103	1	0	0	8	23	68	122	62	81	0	0	91	270	4	37	35	32	23	40	102	66	26
	21	34	1014·0	—1·6	50·6	3·2	10·2	79	5·9	64	63	33	108	97	0	3	3	5	19	65	105	105	60	0	0	65	289	11	23	34	45	19	46	103	68	16
	h.*	34	1013·7	—1·7	51·3	3·7	10·1	77																										
London. Kensington ..	9	66	1013·8	—	51·3	3·4	10·3	77	6·8	39	37	51	123	115	0	3	6	23	69	*93*	125	36	*10*	0	0	37	328	0	17	76	10	22	12	108	63	57
	15	—	—	—	56·4	6·1	10·2	65	6·8	22	31	94	135	83	—	—	—	—	—	—	—	—	—	—	0	44	321	0	19	65	14	20	24	109	46	68
	18	—	—	—	54·9	5·4	10·1	68	6·6	29	57	72	78	129	—	—	—	—	—	—	—	—	—	—	0	55	310	0	32	53	14	26	25	104	56	55
London. Stroud Green ..	7	237	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Surrey. Croydon Aero H	1	225	1013·8	—	47·3	1·8	10·1	87	5·9	65	63	35	110	92	1	1	2	4	12	30	91	119	*104*	*1*	0	85	241	39	19	33	19	25	59	84	70	17
	7	225	1013·6	—	47·7	1·8	10·3	87	7·2	23	57	40	131	114	1	4	5	4	26	35	117	100	*72*	*1*	0	90	239	36	31	41	16	22	51	83	61	24
	13	225	1013·6	—	55·2	5·5	10·3	68	7·6	8	36	38	201	82	4	1	3	5	26	36	116	58	*112*	*4*	0	152	199	14	30	39	28	19	49	80	71	35
	18	225	1013·4	—	53·1	4·5	10·3	73	6·5	16	83	49	140	77	1	0	1	15	33	47	124	47	*90*	*7*	0	103	249	13	21	40	38	22	52	88	63	28
Surrey. Wisley	9	85	1013·7	—	51·4	3·3	10·5	78	7·4	18	47	42	126	132	0	4	2	11	13	27	149	159	*0*	*0*	0	53	290	22	43	37	17	18	35	99	58	36

* Mean of hourly readings. *g* Temperature from thermometers on a Glaisher stand.

TABLE IV (*continued*).—SUMMARY of the OBSERVATIONS of PRESSURE, TEMPERATURE, HUMIDITY, CLOUD, VISIBILITY, and WIND at fixed hours at certain Stations during the Year 1935.

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.	4 to 7	1 to 3	Calm.	DIRECTION. N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
5. ENGLAND, S.E.—*cont.*	G.M.T	ft.	mb.	mb.	°F.	°F.	mb.	%																											
Kent. Biggin Hill **H**	7	572	1014·1	—	47·0	1·9	9·9	86	7·2	24	56	39	98	148	4	12	4	10	18	23	75	*164*	54	*1*	0	100	230	35	39	38	18	21	59	89	44	22
	13	572	1013·9	—	53·4	5·0	9·9	70	7·5	12	32	51	177	93	1	2	0	10	10	14	67	*133*	124	*4*	0	138	222	5	37	50	16	19	60	89	64	25
	18	572	1013·9	—	51·0	3·9	9·9	75	6·4	20	81	52	114	98	0	1	1	16	10	17	69	*152*	88	*11*	0	108	243	14	34	53	22	21	60	96	49	16
Kent. Dungeness ..	7	—	—	—	49·1	1·6	10·9	89	6·7	15	52	74	182	42	*1*	2	4	4	14	55	126	*158*	*1*	0	3	128	228	6	35	50	21	21	28	101	44	59
	13	—	—	—	54·2	3·1	11·9	81	6·7	15	42	89	185	34	*0*	0	3	5	12	42	142	*161*	*0*	0	6	161	198	0	25	58	31	13	34	142	34	28
	18	—	—	—	52·1	2·3	11·6	85	6·5	17	57	90	163	38	*0*	0	5	4	8	46	128	*174*	*0*	0	4	146	212	3	23	70	23	11	30	139	41	25
	1	345	1014·3	—	46·8	1·7	9·9	86	5·5	74	76	32	70	113	0	1	10	*12*	8	32	*96*	114	86	6	0	117	244	4	55	43	33	19	26	68	70	47
Kent. Lympne **H**	7	345	1014·1	—	47·4	1·9	10·1	86	6·9	20	69	30	138	108	0	1	17	7	15	41	*109*	93	78	4	1	139	213	12	67	37	24	24	24	71	57	49
	13	345	1014·2	—	53·4	4·3	10·5	73	7·0	14	61	50	148	92	0	1	4	5	10	26	*75*	104	132	8	0	186	179	0	49	42	22	28	39	113	48	24
	18	345	1014·1	—	50·7	3·3	10·3	78	6·4	25	81	34	142	83	0	2	1	7	15	29	*88*	113	104	6	0	142	222	1	40	59	21	21	31	105	66	21
Kent Manston ..	7	141	1013·5	—	48·4	1·9	10·5	86	6·9	19	65	38	142	101	2	1	1	9	10	18	73	*156*	*94*	*1*	0	166	187	12	37	33	13	38	43	93	57	39
	13	141	1013·6	—	54·0	4·6	10·6	72	6·9	18	47	51	170	79	2	1	0	2	4	14	73	*151*	*115*	*3*	0	226	134	5	35	47	19	37	44	92	49	37
	18	141	1013·5	—	51·4	3·4	10·5	78	6·1	23	73	72	125	72	2	0	0	5	4	14	63	*165*	*110*	*2*	0	176	182	7	41	48	23	30	50	95	49	22
Kent. Tunbridge Wells	9	407	1014·3	—	50·3	2·4	10·8	84	6·8	28	48	60	96	133	0	3	*2*	4	19	54	95	110	78	*0*	0	61	304	0	31	60	7	24	22	82	56	83
Sussex. Brighton **H**	9	48	1014·4	—	51·7	2·7	11·3	83	6·7	42	47	57	78	141	0	0	3	6	45	46	123	49	93	*0*	1	53	304	7	47	51	16	23	36	92	61	32
Sussex. Hastings **H**	9	174	1014·0	—	51·5	3·1	10·8	80	6·5	41	45	69	110	100	0	0	1	0	16	63	222	*40*	*23*	*0*	8	122	230	5	17	74	6	41	14	125	24	59
	21	174	1014·0	—	49·9	2·4	10·6	83	5·3	100	46	51	62	106	0	0	0	1	17	86	205	*32*	*23*	*1*	10	109	222	24	11	80	8	35	4	117	25	61
Hampshire. Calshot ..	7	15	1013·9	—	48·9	1·6	10·8	89	6·9	23	45	53	124	120	0	8	4	4	8	17	94	113	117	*0*	2	137	200	26	53	27	21	14	41	79	50	54
	13	15	1014·1	—	55·0	4·0	11·3	75	6·9	7	55	71	147	85	0	1	1	0	8	20	72	115	147	*1*	2	198	147	18	48	25	27	35	57	88	45	22
	18	15	1013·8	—	53·0	3·3	11·2	79	6·1	17	79	83	100	86	1	0	0	3	6	18	61	117	159	*0*	1	176	181	7	40	25	24	29	44	127	40	29
Hampshire. Southampton	9	84	1014·2	—1·7	50·2	2·3	10·7	84	6·8	48	35	56	65	161	1	6	12	17	44	*211*	73	1	0	*0*	0	30	321	14	41	62	15	29	8	68	66	62
	21	84	1014·5	—1·2	50·9	2·7	10·6	82	6·4	68	38	40	55	164	1	8	19	15	17	*88*	207	10	0	*0*	0	40	308	17	25	49	17	22	9	108	71	47
Hampshire.	7	256	1013·7	—	46·9	1·6	10·1	88	7·3	13	55	44	140	113	0	6	12	12	16	31	145	110	*33*	*0*	0	65	257	43	23	40	21	27	43	61	75	32
S. Farnborough **H**	13	256	1013·5	—	56·2	5·9	10·5	67	7·7	6	26	59	195	79	0	1	1	4	6	20	99	161	*73*	*0*	0	129	227	9	34	41	22	20	46	76	87	30
	18	256	1013·5	—	52·8	4·3	10·3	74	6·5	12	74	65	126	88	0	0	1	7	15	35	99	145	*62*	*1*	1	84	268	12	24	42	21	28	52	76	79	31
I. of Wight. Ventnor (Hosp.)	9	80	1014·1	—	52·3	2·9	11·2	81	6·8	14	74	52	92	133	—	—	—	—	—	—	—	—	—	—	0	115	250	0	45	26	51	22	9	35	137	40
	15	80	1013·7	—	54·3	4·0	11·3	75	6·2	19	80	76	100	90	—	—	—	—	—	—	—	—	—	—	0	106	259	0	40	25	38	18	22	42	142	38
Wilts. Amesbury **H**	7	418	1013·7	—	46·0	1·0	10·3	92	7·1	23	54	40	124	124	0	10	7	10	8	36	135	131	*28*	*0*	0	92	228	45	54	33	29	25	47	48	58	26
(Boscombe Down)	13	418	1013·6	—	54·2	4·5	10·7	73	7·7	5	33	43	193	91	0	1	0	2	7	20	80	157	*98*	*0*	0	162	190	13	41	47	11	28	50	67	74	34
	18	418	1013·4	—	51·8	3·3	10·8	80	6·9	10	63	64	127	101	0	1	2	2	4	28	108	146	*74*	*0*	0	120	229	16	42	38	12	32	59	63	69	34
Wilts. Larkhill.. **H**	9	444	1014·0	—	49·4	2·6	10·4	83	7·2	9	57	53	135	111	0	3	5	7	12	6	55	92	185	*0*	0	137	201	27	30	61	26	19	30	66	77	29
	13	444	1013·6	—	54·2	4·9	10·4	71	7·2	5	46	63	162	89	0	1	0	2	7	3	35	72	245	*0*	1	176	168	20	28	49	23	21	31	74	87	32
	15	444	1013·3	—	54·2	4·9	10·4	71	7·0	4	49	70	158	84	0	1	1	1	4	6	42	70	240	*0*	1	155	190	19	37	45	25	22	31	70	92	24
7a. ENGLAND, N.W.																																			
Lancashire. Hutton ..	9	86	—	—	49·2	2·6	10·1	82	6·4	17	52	99	106	91	—	—	—	—	—	—	—	—	—	—	1	21	321	22	16	39	32	54	55	46	63	38
Lancashire. Manchester **H**	7	83	1012·5	—	46·2	1·7	9·7	87	7·2	21	43	51	124	126	2	13	12	17	35	*74*	122	73	16	1	0	101	226	38	19	28	43	41	54	47	50	45
(Barton)	13	83	1012·4	—	53·9	5·2	9·9	69	7·4	8	40	72	143	102	3	4	7	10	16	*35*	91	112	87	0	1	187	169	8	19	22	34	18	49	57	81	77
	18	83	1012·1	—	51·7	4·1	10·0	75	6·8	14	70	55	126	100	4	1	6	6	37	*49*	103	86	73	0	1	147	207	10	21	23	46	25	47	47	65	81
Lancashire. Manchester	9	127	1012·6	—	48·9	2·6	9·9	81	7·3	5	33	71	183	73	—	—	—	—	—	—	—	—	—	—	0	35	316	14	22	29	43	37	73	60	54	33
(Whitworth Pk.)	21	127	1012·5	—	50·2	2·9	10·2	80	6·7	11	61	68	147	78	—	—	—	—	—	—	—	—	—	—	0	23	332	10	30	31	49	43	57	50	57	38
Lancashire. Southport* **H**	9	34	1012·5	—2·0	50·1	3·3	10·0	78	7·4	10	49	52	115	139	0	2	4	5	27	114	37	53	116	*7*	2	167	189	7	36	21	42	53	44	42	77	43
(Bedford Rd. Pk.)	13	34	1012·2	—2·1	53·6	4·7	10·2	71	7·4	5	54	51	134	121	0	1	2	2	7	63	54	70	156	*10*	5	191	168	1	21	25	27	40	33	49	108	61
	18	34	1012·0	—2·1	51·6	3·7	10·3	76	7·1	9	67	46	103	140	0	3	1	2	21	91	39	108	94	*6*	5	163	189	8	25	24	37	36	29	53	88	65
	21	34	1012·3	—2·1	48·9	2·4	10·2	83	6·6	25	82	32	103	123	0	0	3	1	21	139	52	105	44	*0*	3	128	224	10	24	25	53	46	36	38	79	54
Lancashire Stonyhurst ..	9	381	1012·7	—	48·5	2·9	9·5	80	7·4	19	34	45	128	139	0	4	1	9	2	23	198	*60*	*68*	*0*	1	107	244	13	35	51	30	16	41	79	77	23
	21	381	1012·6	—	47·2	2·1	9·6	84	6·5	38	73	34	67	153	0	5	1	4	12	12	106	*164*	*61*	*0*	0	83	257	24	33	54	25	9	36	58	96	30
Cheshire. Bidston Obsy.	9	202	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	21	202	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7b. NORTH WALES.																																			
Flint. Sealand **H**	7	19	1012·7	—	46·7	2·0	9·6	85	7·1	11	46	66	139	103	2	8	1	12	32	46	156	*80*	*25*	*3*	0	78	268	19	18	16	19	98	45	46	66	38
	13	19	1012·7	—	54·3	5·1	10·2	69	7·1	8	45	78	162	72	2	2	2	5	24	34	108	*100*	*81*	*7*	0	150	206	9	17	13	22	66	35	56	56	91
	18	19	1012·4	—	51·9	4·0	10·1	74	6·8	14	53	79	134	85	2	0	1	6	23	35	138	*93*	*58*	*9*	0	103	250	12	12	14	29	54	34	65	65	80
Anglesey. Holyhead **H**	1	29	1011·9	—	49·5	2·0	10·6	85	6·5	30	71	50	100	114	0	0	2	0	3	12	86	136	126	0	4	173	172	16	31	18	41	27	58	68	65	41
	7	29	1011·8	—1·8	49·4	2·0	10·5	85	7·3	9	54	52	143	107	0	1	0	1	4	10	59	108	162	20	7	185	149	24	33	25	35	26	52	64	71	35
	13	29	1012·1	—	52·7	3·3	10·8	78	7·1	6	54	77	137	91	0	0	1	1	2	10	53	90	184	24	5	211	143	6	39	25	23	14	59	91	54	54
	18	29	1011·8	—	51·4	2·8	10·7	81	7·1	8	57	64	135	101	0	0	1	0	2	7	47	108	164	36	5	189	155	16	40	28	26	14	58	85	55	43
Carnarvon. Llandudno ..	9	33	1012·6	—	50·7	3·3	10·1	77	6·8	23	32	74	197	39	0	1	0	1	2	17	38	50	*230*	*26*	0	70	295	0	26	18	51	17	60	91	91	11
8a. SOUTH WALES.																																			
Pembroke. St. Ann's Head	1	152	1012·2	—	49·7	2·0	10·6	85	6·9	9	80	61	92	123	1	13	2	2	4	*2*	63	220	58	*0*	10	140	204	11	37	42	41	17	27	49	87	54
	7	152	1012·1	—2·1	49·6	2·0	10·6	85	8·1	0	31	54	158	122	0	8	3	1	2	5	82	208	55	*1*	6	140	205	14	36	42	44	26	25	41	87	50
	13	152	1012·5	—	52·8	3·1	11·0	79	7·7	0	26	90	163	86	0	3	2	0	7	*14*	63	183	88	*5*	8	163	183	11	27	30	24	32	35	56	97	53
	18	152	1012·1	—	51·6	2·8	10·7	80	7·8	0	26	76	159	104	0	6	0	0	1	*10*	76	176	94	*2*	11	150	192	12	40	40	21	21	32	56	92	51

* Visibility at Hesketh Park ; 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 1935.

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.	4 to 7	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.	%																										
8a. SOUTH WALES—*cont.*																																		
Radnor. Rhayader ..	9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Glamorgan. Cardiff ..	9	216	1013·9	—	50·2	2·8	10·4	81	6·8	42	42	52	98	131	0	1	1	12	31	86	112	*71*	*51*	*0*	1	131	233	0	18	84	36	9	26	80	95	17
	21	216	1013·7	—	49·5	2·3	10·5	84	5·7	95	43	37	49	141	0	1	2	7	11	45	213	*65*	*21*	*0*	0	25	340	0	11	42	41	21	31	80	106	33
8b. ENGLAND, S.W.																																		
Somerset. Bath	9	113	1013·7	—	51·4	3·2	10·4	79	7·1	27	56	39	79	164	0	7	9	7	25	74	*143*	*63*	*37*	*0*	0	60	263	42	20	48	40	18	22	56	91	28
Dorset. Holton Heath H	9	58	1014·3	—	51·7	3·1	10·9	80	7·4	29	32	44	105	155	0	1	1	6	12	28	99	189	*25*	*4*	1	163	176	25	40	56	22	18	29	65	68	42
	15	58	1013·8	—	55·5	4·8	11·0	72	6·8	17	52	92	84	120	0	1	0	1	2	18	79	208	*53*	*3*	3	180	173	9	39	36	16	28	36	93	61	47
Dorset. Portland Bill ..	1	37	1013·5	—	50·8	1·7	11·5	88	6·7	47	47	41	81	149	0	2	3	*3*	0	2	*29*	*215*	*111*	*0*	1	196	168	0	39	50	34	21	16	45	86	74
	7	37	1013·5	—1·1	50·7	1·7	11·5	88	7·5	22	26	55	117	145	0	0	3	*1*	0	0	*33*	*242*	*86*	*0*	1	216	148	0	45	61	34	15	25	45	84	56
	13	37	1013·9	—	53·5	2·3	12·2	85	7·1	16	50	60	116	123	0	0	3	*3*	0	0	*31*	*226*	*102*	*0*	0	207	157	1	28	41	42	18	31	69	84	51
	18	37	1013·6	—	52·4	1·9	11·8	86	7·0	21	42	66	111	125	0	2	3	*2*	1	0	*39*	*218*	*100*	*0*	0	194	171	0	32	37	38	11	28	74	93	52
	7	27	1013·9	—	49·3	1·7	11·0	88	7·4	11	51	34	183	86	0	1	4	2	5	22	88	116	126	*1*	2	136	185	42	41	45	32	15	22	53	60	55
Devon. Plymouth (Mount Batten) H	13	27	1014·2	—	54·3	3·6	11·5	77	7·4	7	48	41	191	78	0	0	4	2	4	21	57	98	174	*5*	4	191	166	4	30	26	32	18	69	88	56	42
	18	27	1013·9	—	53·0	3·0	11·4	80	7·1	13	54	54	166	78	0	0	3	2	2	34	107	100	112	*5*	1	186	168	10	29	33	21	15	55	77	64	61
Cornwall. The Lizard ..	1	240	1014·3	—	49·5	1·2	10·9	91	6·2	45	76	46	79	119	0	2	10	7	4	5	22	*70*	*245*	*0*	6	206	137	16	43	44	28	12	24	59	82	57
	7	240	1014·1	—	49·7	1·3	11·3	90	7·7	4	40	61	127	133	0	8	6	7	4	10	15	*82*	*233*	*0*	4	202	149	10	51	33	30	22	27	56	81	55
	13	240	1014·5	—	54·0	2·7	12·0	83	7·2	1	53	79	124	108	0	4	6	3	6	7	23	*84*	*232*	*0*	5	216	137	7	32	26	38	22	38	70	95	37
	18	240	1014·2	—	51·9	2·1	11·5	85	7·2	6	64	59	119	117	0	7	8	3	5	7	19	*80*	*236*	*0*	7	209	129	20	44	23	29	17	27	57	95	53
Cornwall. Newquay ..	9	161	1014·2	—	51·1	2·2	11·1	85	6·9	15	57	74	99	120	0	0	5	1	6	41	89	*87*	*121*	*15*	4	182	172	7	39	37	14	46	51	67	60	44
9. IRELAND, N.																																		
Sligo. Markree Castle..	9	127	1011·8	—	48·0	1·8	10·2	87	6·9	32	18	101	84	130	0	*0*	3	0	0	*3*	*70*	91	198	*0*	1	29	222	113	35	7	13	35	48	36	36	42
	21	127	1011·5	—	48·4	1·9	10·4	87	6·8	28	45	77	83	132	0	*0*	0	0	0	*2*	*63*	85	215	*0*	3	29	206	127	32	10	8	26	52	27	39	44
Mayo. Blacksod Point	1	28	1011·4	—	49·4	1·9	10·5	86	6·5	26	50	79	53	157	0	0	0	0	11	0	9	201	144	*0*	9	153	159	44	49	5	32	14	52	47	92	30
	7	28	1011·1	—	49·5	1·9	10·5	85	7·6	19	29	63	88	166	0	0	0	0	14	1	4	173	164	*9*	6	170	157	32	41	10	46	24	47	38	98	29
	13	28	1011·4	—	52·6	3·0	11·0	80	7·4	6	33	96	94	136	0	0	0	0	14	0	16	101	198	*36*	8	195	150	12	51	11	40	16	53	45	102	35
	18	28	1011·2	—	51·4	2·6	10·8	82	7·3	12	42	77	94	140	0	0	0	0	13	1	12	130	181	*28*	7	184	159	15	64	15	30	16	53	45	89	38
Donegal. Malin Head ..	1	87	1009·9	—	48·0	1·1	10·6	91	7·1	3	83	20	162	97	0	0	0	0	1	1	2	31	256	65	*10*	3	131	223	8	57	10	28	21	120	18	85	18
	7	87	1009·8	—1·4	48·2	1·1	10·6	92	7·9	2	46	19	206	92	0	0	0	2	0	1	1	29	255	68	*9*	3	162	198	2	59	10	41	21	105	35	77	15
	13	87	1010·0	—	51·1	1·7	11·5	88	7·7	0	46	36	207	76	0	0	0	0	0	2	1	39	212	103	*8*	3	191	171	0	56	20	49	15	72	43	87	23
	18	87	1009·9	—	50·0	1·4	11·3	90	7·5	0	67	15	199	84	0	0	0	0	1	1	2	35	225	90	*12*	1	164	200	0	63	16	54	15	70	30	92	25
Antrim. Aldergrove H	7	245	1011·4	—	45·5	1·5	9·5	89	7·3	4	70	36	136	119	0	2	3	4	2	17	55	96	169	17	1	104	228	32	24	20	38	31	73	79	41	27
	13	245	1011·4	—	51·9	3·8	10·1	75	7·7	2	48	37	183	95	0	3	0	0	0	15	59	58	148	82	0	170	180	15	30	19	34	29	57	93	54	34
	18	245	1011·2	—	50·3	3·3	10·0	79	7·4	5	59	35	174	92	0	1	0	0	1	10	48	90	164	51	0	124	214	27	32	18	45	32	57	66	47	41
Armagh. Armagh.. H	9	209	1011·5	—1·5	48·5	2·5	9·9	82	6·5	21	78	50	103	113	*0*	*1*	2	3	2	11	*44*	*63*	236	*3*	0	53	285	27	30	27	25	25	61	109	39	22
	21	209	1011·4	—1·7	47·2	2·0	9·8	85	6·0	72	54	36	59	144	*0*	*0*	2	1	1	19	*100*	*104*	138	*0*	0	48	283	34	28	23	29	32	62	94	39	24
10. IRELAND, S.																																		
Dublin. Glasnevin ..	9	56	1012·5	—	49·7	2·6	10·2	82	6·4	36	3	165	64	97	0	3	*9*	*8*	*60*	*62*	*61*	*15*	*147*	*0*	0	35	323	7	1	48	31	29	3	61	112	73
	21	56	1012·3	—	49·1	2·2	10·3	84	5·5	90	14	101	47	113	0	0	*44*	*33*	*71*	*34*	*51*	*12*	*120*	*0*	0	32	312	21	1	33	31	26	10	56	112	75
Offaly. Birr Castle ..	7	193	1012·2	—1·4	45·3	0·9	9·9	93	6·9	31	60	30	138	106	0	*0*	0	11	0	*0*	*0*	*108*	*246*	*0*	0	6	347	12	17	30	10	30	94	97	43	32
	13	193	1012·4	—	53·4	3·9	10·6	75	8·1	3	24	42	186	110	0	*0*	0	7	0	*0*	*0*	*66*	*292*	*0*	0	11	354	0	20	28	9	28	72	108	50	50
Waterford. Seskin, Carrick-on-Suir	18	193	1011·9	—	52·0	3·3	10·6	79	7·7	9	34	45	170	107	0	*0*	0	4	0	*0*	*0*	*93*	*268*	*0*	0	11	354	0	18	26	10	27	77	93	54	60
	9	521	1013·1	—	48·6	2·1	10·2	85	6·3	11	87	70	94	103	0	10	2	0	11	5	38	*108*	48	143	5	108	193	59	30	9	13	26	45	29	67	87
	21	521	1013·2	—	47·2	1·6	9·9	88	5·6	30	111	50	73	101	0	6	3	*2*	10	2	38	*44*	91	169	3	123	158	81	26	6	6	26	50	42	46	82
Kerry. Valentia Observatory H	7	45	1013·1	—0·7	49·9	2·3	10·4	84	7·5	13	42	47	146	117	0	0	0	3	1	7	*33*	*73*	*219*	*29*	3	173	160	30	26	46	32	34	55	63	41	38
	13	45	1013·5	—0·8	53·8	3·6	11·1	77	7·4	1	51	69	135	109	0	0	0	0	2	1	*30*	45	*219*	*68*	1	224	132	8	26	28	19	26	67	62	79	50
	18	45	1013·2	—0·9	52·5	3·1	10·9	79	7·5	2	49	47	156	111	0	0	0	1	1	5	*32*	59	*204*	*63*	2	192	164	7	31	23	20	24	64	65	75	56
	21	45	1013·6	—0·9	50·8	2·5	10·6	82	7·1	4	74	52	99	136	0	0	1	0	1	7	*39*	73	*214*	*30*	2	156	173	34	37	24	25	25	63	54	55	48
	h.*	45	1013·4	—0·8	51·3	2·7	10·6	81																										
Cork. Roche's Point ..	7	24	1013·4	—0·9	48·8	1·6	10·6	88	6·4	12	68	89	132	64	0	2	4	2	1	10	23	*61*	*236*	*26*	3	55	304	3	74	33	21	22	22	50	82	58
	13	24	1013·7	—	53·7	2·9	11·6	81	7·1	2	30	105	186	42	0	0	0	1	3	6	28	*42*	*193*	*92*	1	77	287	0	45	20	25	37	29	83	73	53
	18	24	1013·3	—	52·6	2·5	11·5	83	6·7	4	52	98	164	47	0	0	1	0	3	14	23	*47*	*213*	*64*	2	75	288	0	42	21	25	32	22	86	81	56
11. CHANNEL I. & SCILLY.																																		
Scilly. St. Mary's ..	1	199	1014·4	—	50·3	1·6	11·2	88	6·3	37	74	53	91	110	0	16	4	3	2	9	61	*103*	*167*	*0*	4	209	145	7	40	38	32	17	27	63	69	72
	7	199	1014·1	—0·4	50·5	1·7	11·2	88	7·3	3	55	56	152	99	1	9	7	5	6	8	56	*118*	*154*	*1*	7	216	137	5	51	38	29	17	28	59	72	66
	13	199	1014·6	—	54·7	3·2	11·8	79	7·3	3	48	62	168	84	0	3	3	5	7	8	62	*134*	*142*	*1*	4	248	112	1	43	41	26	27	30	58	83	56
	18	199	1014·3	—	52·1	2·3	11·4	84	7·2	10	51	56	154	94	0	6	6	4	7	15	69	*120*	*137*	*1*	7	235	121	2	49	40	23	21	25	62	76	67
Guernsey. St. Peter Port H	1	186	1014·8	—	50·6	1·8	11·2	87	6·3	80	15	76	44	150	0	1	1	4	3	19	50	*178*	*104*	*5*	4	145	132	84	19	33	20	16	24	52	62	55
	7	186	1014·6	—	50·9	2·0	11·2	85	7·6	22	16	81	84	162	1	0	5	0	6	24	71	*168*	*82*	*8*	2	165	149	49	21	41	24	23	26	54	66	61
	13	186	1015·0	—	54·7	3·7	11·6	76	7·1	15	39	90	101	120	0	0	1	2	11	23	78	*138*	*101*	*11*	1	212	116	36	25	51	29	18	28	57	73	48
	18	186	1014·7	—	53·1	3·0	11·3	80	6·7	30	30	105	92	108	1	0	1	0	8	16	75	*158*	*93*	*13*	3	157	158	47	15	51	34	10	22	50	79	57
GIBRALTAR .. H	7	90	1017·6	—0·4	59·2	3·5	14·2	79	4·7	48	113	62	95	47	0	0	0	0	4	3	*78*	*134*	143	*3*	0	88	250	27	4	1	118	7	12	25	101	70
	13	90	1017·8	—	67·8	7·8	14·9	62	4·2	51	123	82	76	33	0	0	0	0	0	4	*34*	*119*	200	*8*	0	150	210	5	0	5	120	15	24	56	104	36
	18	90	1017·0	—	66·3	6·9	14·9	66	3·7	69	136	64	73	23	0	0	0	0	0	6	*43*	*145*	169	*2*	1	97	256	11	4	5	113	14	28	45	105	40
	21	90	1017·6	—	62·1	4·6	14·6	74	3·0	94	144	70	32	25	0	0	0	0	0	1	67	*168*	127	*1*	0	75	264	26	2	2	112	12	25	31	110	45
MALTA	7	234	1014·9	—1·4	64·8	4·8	16·4	75	4·8	35	125	54	136	15	0	0	0	1	0	0	2	20	51	*267*	*24*	0	141	218	6	31	37	47	34	40	33	63	74
	13	234	1014·6	—	68·6	7·6	15·8	64	4·3	36	145	64	100	20	0	0	0	0	0	0	2	11	41	*283*	*28*	4	174	187	0	34	63	53	30	27	35	59	64
	18	234	1014·7	—	65·2	5·2	16·2	73	3·7	52	165	45	84	19	0	0	0	0	0	1	8	34	*307*	*15*	0	139	218	8	29	32	42	34	36	32	83	69

* Mean of hourly readings.

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 Dines Pressure Tube Anemometers. 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 temperature 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 :—*Royal Observatory, Greenwich.* —A Glaisher stand is used. *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.

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 Gale 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.

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—Rhayader (9), Tavistock (17), Plymouth (15), Balbriggan (25), Newcastle, Co. Wicklow (30).

" 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*), *Pressure* (*Table IV*).—The averages refer to the period 1881–1915 and are " weighted " if the record is not complete for that period.

Temperature and Sunshine (*Table III*).—The averages refer to periods of from 10 to 30 years ending 1930, the actual period for each station being stated in the Introduction. Differences from 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.

TABLE V. [1913].—WARMEST DAY and NIGHT and COLDEST DAY and NIGHT in the YEAR at each STATION.

DISTRICT, COUNTY AND PLACE.		Terminal Hours of Observation. Max.	Min.	Rain.	Height of Station above M.S.L.	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.					ft.								
Shetland.	Baltasound ..	9	9	9	31	July 8	67	August 21, 23, 24, 29	55	February 3	31	February 26	22
	Lerwick .. ¶§	18—7		7	156	August 20	66	August 23	56	February 24	30	February 23, 25	25
Orkney.	Deerness	21	21	9	160	—	—	—	—	January 13, 27, February 2, 24, 25	36	February 23	27
	Kirkwall .. ¶§	9	9	9	113	July 13	74	August 21	59	February 23	35	February 26	27
Hebrides.	Skallary	10	10	10	30	June 25	68	August 7, 20	58	February 24	39	December 23	31
	Stornoway (C.G.) ¶§	18—7		7	80	June 26	72	August 20, 21	58	Jan. 27, Feb. 24, 25, Dec. 15, 21, 23	36	February 24, 25	27
Skye.	Duntulm	9	9	9	294	July 8	72	August 21	61	February 23, 24, December 15, 23	37	February 24, 25	29
Caithness.	Wick	18—7		7	81	July 23, August 7	73	August 21	57	December 23	34	December 24	22
Ross and	Achnashellach ..	9	9	9	225	August 22	77	August 9	56	December 17	29	December 16	18
Cromarty.	Fortrose	9	9	9	69	August 5, 21	79	August 21	63	December 11	31	December 24	23
Inverness.	Dalwhinnie ..	18—7		7	1176	June 25	75	July 13, Aug. 20	58	December 23	26	December 23	9
	Ft. Augustus ¶§	9	9	9	68	July 8	78	August 21	63	December 18	28	December 24	15
	Ft. William ..	9	9	9	34	June 26	75	July 13	63	December 21	31	December 24	18
	Inverness .. ¶§	9	9	9	242	July 8	77	August 21	63	December 11	32	December 24	20
1. SCOTLAND, E.													
Nairn.	Nairn .. ¶§	9	9	9	20	July 13, Aug. 20	81	August 21	63	December 11	30	December 24	19
Moray.	Forres	9	9	9	155	July 13	83	August 20	62	December 23	33	December 24	22
	Gordon Castle ..	21	21	9	104	August 20	84	August 20	62	Dec. 16, 22, 23	35	December 24	20
Banff.	Banff	9	9	9	130	July 13	81	June 22, August 7, 19, 21	59	December 15	35	December 24	23
Aberdeen.	Aberdeen .. ¶§	24	24	24	79	July 23	77	August 20	59	—	—	—	—
	Balmoral	9	9	9	927	August 6, 7	80	August 5, 20, 24	58	December 23	27	December 24	7
	Braemar	21	21	9	1111	August 6	80	August 20	59	December 13	29	December 24	4
	Craibstone ..	9	9	9	300	August 20	78	August 8	59	December 23	31	December 24	17
	Logie Coldstone ..	9	9	9	608	—	—	—	—	January 28	29	December 24	12
Kincardine.	Balmakewan ..	9	9	9	80	August 7, 20	80	August 11, 20	60	December 13	35	December 24	17
	Stonehaven ..	9	9	9	12	August 7	78	August 11	59	—	—	—	—
Angus.	Arbroath	21	21	9	93	August 7	78	August 20	62	January 13	36	December 24	20
	Carnoustie ..	9	9	9	39	July 13	81	August 20	60	February 24	36	December 24	22
	Dundee .. ¶§	9	9	9	147	July 13	83	August 8, 20	61	December 23	32	December 24	21
	Kettins	9	9	9	218	July 13	80	August 20	60	December 18	31	December 24	12
	Montrose	9	9	9	16	August 7	80	August 20	60	Jan. 25, Feb. 24, December 19	37	December 24	22
Perth.	Crieff	21	21	9	478	July 13, August 6	77	August 20	60	February 24	31	December 24	16
	Perth	9	9	9	76	July 13	82	June 22	63	December 23	27	December 24	12
Fife.	Cupar	9	9	9	210	July 13	81	August 20	63	February 24	33	December 24	18
	Dunfermline ..	9	9	9	237	July 13	80	August 20	61	December 18, 21	32	December 24	19
	Inchkeith	18—7		7	190	July 13	77	August 11	62	December 19	35	December 23	27
	Kirkcaldy ..	9	9	9	63	July 13	83	August 20	63	February 24	36	December 24	19
	Leuchars	18—7		7	35	July 13	80	August 11, 20	61	January 13	34	December 24	18
	St. Andrews ..	9	9	9	13	July 13	81	August 20	62	December 23	34	December 24	20
Mid. Lothian.	Edinburgh—												
	Blackford H. ¶§	21	21	9	441	June 22, July 13	80	August 20	61	December 23	34	December 24	23
	Boghall	9	9	9	639	June 22	78	July 13, 23, Aug. 11	60	Jan. 27, Feb. 25, December 22	34	December 23	20
	Liberton	9	9	9	190	July 13	84	August 11	62	December 21, 23	35	December 24	18
	Univ. King's B. ..	9	9	9	225	July 13	82	July 23	63	December 22	31	December 24	21
E. Lothian.	Dunbar	9	9	9	75	June 22	84	August 11	63	December 21, 22, 23	35	December 24	24
	N. Berwick ..	9	9	9	118	June 22, July 13	81	June 29, July 27, August 20	59	December 23	35	February 26	24
Berwick.	Marchmont ¶§	9	9	9	498	June 22	83	June 23	61	January 9, 13	33	Feb. 26, Dec. 24	20
Peebles.	Peebles	9	9	9	629	July 13	80	July 13	61	December 16, 18	31	December 23, 24	8
	West Linton ..	9	9	9	820	June 22	79	June 23, Aug. 20	59	December 18, 19	28	December 23	8
Roxburgh.	Kelso (Br'ml'ds)..	9	9	9	193	June 22	84	June 23	62	December 23	31	December 24	16
	Wolfelee	9	9	9	537	June 22, 23	82	July 13	60	December 18, 19	30	December 24	12
6*a*. SCOTLAND, W.													
Argyll.	Ardtornish ..	21	21	9	48	June 25	79	July 8	54	December 18	29	December 23, 24	19
	Colonsay	9	9	9	100	(July 12	71)	(July 23, Aug. 20	60)	Feb. 24, Dec. 18, 23	38	February 26	23
	Dunoon	9	9	9	46	July 13, 14, Aug. 24	74	August 20	60	December 18	33	February 26	17
	Glenbranter ..	9	9	9	188	July 13	77	August 18, 20	58	December 17,23	34	Feb. 26, Dec. 23	14
	Oban	9	9	9	229	June 25	81	June 27	59	December 23, 24	31	December 24	24
	Tiree	18—7		7	22	July 12	69	August 20	60	Feb. 25, Dec. 18	38	February 26	26
Bute.	Rothesay .. ¶§	21	21	9	200	July 13	73	July 13	59	February 24	34	February 26	26
Dumbarton.	Cardross	9	9	9	130	July 8, 13	76	July 14	66	December 23	35	Feb. 26, Dec. 24	19
	Helensburgh ..	9	9	9	293	July 13, Aug. 24	76	August 20	60	December 23	30	Feb. 26, Dec. 23	20
Stirling.	Stirling	9	9	9	151	July 13	80	August 20	62	December 18	31	December 24	18
Renfrew.	Greenock	9	9	9	199	July 13	76	August 20	61	December 23	34	Feb. 26, Dec. 24	24
	Paisley	21	21	9	106	August 24	78	August 20	62	December 19	30	December 23	16
	Renfrew (Abbotsinch) ¶§	18—7		7	19	August 24	79	August 20	62	December 23	18	December 23	12
Lanark.	Dungavel	9	9	9	798	July 12, 13	75	June 23	60	December 16, 17, 18	31	December 23	18
	Glasgow	9	9	9	85	July 12, 13	77	June 23	65	December 19, 23	31	December 23	18
	Thorntonhall ..	9	9	9	440	July 12	77	June 22, Aug. 20	60	December 19	29	December 23	14
Ayr.	Auchincruive ..	9	9	9	89	July 12, 13	77	August 11, 20	61	December 18, 20	31	December 23	17
	Colmonell	9	9	9	170	July 12	76	July 23	63	December 18	33	December 20	19
	Troon	9	9	9	15	July 12	80	July 13	62	December 18	34	December 23	20
	Turnberry	9	9	9	30	July 8	75	July 13	61	December 22	36	February 26	26
Dumfries.	Dumfries ¶§	21	21	9	140	August 24	81	June 24	61	December 23	31	December 23	17
	Eskdalemuir ¶§	24	24	24	794	June 23	80	June 23	59	December 23	24	December 23	10
	Ruthwell	21	21	9	67	June 24	83	June 24	62	December 20, 23	31	December 23	14
	Thornhill	9	9	9	670	June 24, Aug. 24	78	July 13	62	Jan. 27, Dec. 22, 23	34	December 24	20

TABLE V [1913] (*continued*).—WARMEST DAY and NIGHT and COLDEST DAY and NIGHT in the YEAR at each STATION.

DISTRICT, COUNTY AND PLACE.		Terminal Hours of Observation. Max.	Min.	Rain.	Height of Station above M.S.L.	Warmest Day. Highest Maximum and Date.		Warmest Night. Highest Minimum and Date.		Coldest Day. Lowest Maximum and Date.		Coldest Night. Lowest Minimum and Date.	
					ft.		°F.		°F.		°F.		°F.
6*b*. ISLE OF MAN.													
Isle of Man.	Douglas	9	9	9	284	June 25	79	July 13	59	Feb. 25, Dec. 18	38	February 26	25
	Point of Ayre ..	18—7		7	30	July 23	79	July 23	63	—	—	—	—
2. ENGLAND, N.E.													
Northum-berland.	Berwick-on-T. ..	9	9	9	76	July 13	81	August 11	61	January 8	34	December 24	20
	Bellingham ..	9	9	9	849	June 22	81	June 23	59	January 8	33	February 24, 26	16
	Cockle Park ¶§	21	21	9	325	July 13	82	June 30	61	December 16, 20, 23	34	December 24	21
	Tynemouth ..	18—7		7	108	August 21	80	August 6	62	January 9	33	January 9	26
Durham.	Chopwellwood ..	9	9	9	446	June 23, July 13	83	June 23	63	December 20	31	Feb. 24, Dec. 24	20
	Durham .. ¶§	21	21	9	336	July 13	83	June 23	60	January 9	30	December 24	18
	Houghall	9	9	9	160	July 13	86	August 8	62	January 8	35	December 24	15
	Ushaw College ..	9	9	9	594	July 13	83	June 23	63	January 8	32	February 24	21
York, N. Riding.	Ampleforth ..	9	9	9	313	August 22	86	August 6, 19, 21	63	December 6	32	December 7	22
	Castleton	9	9	9	450	July 13	85	June 30, July 5	60	December 21, 22	34	January 9	14
	Catterick	18—7		7	175	July 13	84	August 11	61	January 9	30	December 24	19
	Scarborough ¶§	9	9	9	118	August 8	83	August 21	62	Jan. 9, Dec. 14	37	January 9	28
York, E. Riding.	York .. ¶§	21	21	9	57	July 13	88	June 23, July 14	61	Jan. 9, Dec. 7, 23	34	December 7	23
	Hull	21	21	9	8	July 10, Aug. 8, 21	85	June 22	62	December 23	34	December 24	22
	Spurn Head ..	18—7		7	29	June 21, 26	76	July 24	62	December 7	35	December 7, 23, 24	30
Lincoln.	Cranwell .. ¶§	18—7		7	240	July 13, 14 Aug. 22	89	June 26	62	December 23	27	December 24	13
	Cleethorpes ..	9	9	9	23	July 10	85	July 24	64	January 9, Dec. 14, 16, 19, 20	36	December 24	23
	Skegness	9	9	9	15	August 10	82	July 5, Aug. 21, 22	63	Dec. 18, 19, 20, 22	35	December 23	21
3. ENGLAND, E.													
Norfolk.	Cromer	9	9	9	178	August 22	87	August 24, 25	63	February 9	35	Jan. 10, Dec. 24	26
	Hunstanton ..	9	9	9	105	August 22	89	July 5	63	Jan. 9, Dec. 19, 23	35	December 23, 24	22
	Norwich	9	9	9	110	August 22	87	July 23, 28	63	January 9	33	December 23	19
	Sprowston.. ..	9	9	9	93	August 22	86	July 23, 28	63	Jan. 9, Dec. 19, 22	34	December 23	20
	Terrington ..	9	9	9	13	August 22	87	June 26	63	—	—	—	—
	Thetford .. .. (Lynford Nursery)	9	9	9	99	August 22	88	June 26, July 23, 28	62	December 20	31	December 24	11
	Yarmouth.. ¶§	18—7		7	5	July 4, Aug. 10	80	August 24	65	December 7	29	December 7, 23	25
Suffolk.	Bungay (Flixton)..	9	9	9	79	June 25	86	July 5, 28, Aug. 8	62	December 20	32	December 24	17
	Copdock	9	9	9	164	June 25, July 13, August 7, 22	84	July 28, Aug. 9, 24	62	December 19	34	January 30	20
	Felixstowe ..	18—7		7	15	July 16	80	July 28, Aug. 21	65	December 7	31	December 23	24
	Hartest	9	9	9	250	August 22	87	June 26, July 28	62	December 19	33	January 28	19
	Lowestoft	9	9	9	82	July 4	81	August 22	64	December 20	32	December, 23, 24	22
Cambridge.	Cambridge ¶§ (Bot. Gdns.)	21	21	9	41	August 22	88	June 26, July 28	63	December 23	25	December 24	18
	(Univ. Farm) ..	9	9	9	78	August 22	89	June 26, July 28	63	December 19, 20	32	December 24	17
Bedford.	Luton	9	9	9	381	July 11	89	June 26	61	December 23	27	December 24	16
	Woburn	9	9	9	291	July 14	88	July 28	61	December 20	31	December 24	14
Hertford.	Rickmansworth ..	9	9	9	192	July 14, Aug. 22	89	July 28	59	December 23	32	December 24	7
	Rothamsted ¶§	9	9	9	420	July 14, Aug. 22	84	June 25, 26, July 11, 28	61	December 20, 21	32	December 23	13
	St. Albans.. ..	9	9	9	272	August 22	86	July 28	63	December 19, 23	34	December 23	13
Essex.	Clacton-on-Sea ¶§	9	9	9	53	July 28	80	August 22	67	December 20, 21	35	December 23	23
	Chelmsford ..	9	9	9	134	August 22	87	July 28	64	January 8, 27, 28, December 17, 19, 23	35	December 23	18
	Chelmsford (Agr. St.)	9	9	9	193	August 22	86	July 28	62	—	—	—	—
	Earls Colne ..	9	9	9	168	August 22	86	July 28	63	Jan. 9, Dec. 19	34	December 23	20
	Halstead	9	9	9	140	August 22	87	June 26, July 28	63	December 19	33	December 23	15
	Shoeburyness ..	18—7		7	11	August 21, 22	83	August 9, 21	64	Jan. 9, Dec. 23	33	December 24	20
4. MIDLAND COUNTIES.													
York, W. Riding.	Askham Bryan ..	9	9	9	90	—	—	—	—	—	—	—	—
	Bingley	9	9	9	610	July 13	85	June 23	61	December 23	31	December 23	19
	Bradford	9	9	9	439	July 13	87	June 23	62	December 23	32	December 23, 24	19
	Doncaster.. ..	9	9	9		—	—	—	—	—	—	—	—
	Giggleswick ..	9	9	9	575	June 22	82	June 23	63	December 20	32	December 21, 22	15
	Harrogate.. ¶§	9	9	9	478	July 13	87	June 30	62	January 9	31	December 24	23
	Huddersfield ..	21	21	9	325	July 13	90	June 22, 23	61	December 23	31	December 24	18
	,, (Oakes)	9	9	9	761	July 13	87	June 30	62	Jan. 8, Dec. 24	34	December 24	21
	Meltham	9	9	9	514	July 13	87	June 26, 30	60	December 23	33	December 24	18
	Pontefract ..	9	9	9	255	July 13	86	July 14	61	December 23	33	December 24	17
	Sheffield	9	9	9	428	July 13	87	June 23, 29	62	Jan. 27, Dec. 23, 24	35	December 24	22
	Wakefield	9	9	9	124	July 13	90	June 30, July 11	61	December 23	32	December 24	18
Derby.	Belper (School) ..	9	9	9	222	July 13	88	June 25, 26, July 5, 11, 14	60	December 22, 23	32	December 23, 24	12
	Belper (Q. Bk.) ..	9	9	9	280	—	—	—	—	—	—	—	—
	Buxton	9	9	9	1007	July 13	83	June 26	60	December 23	30	December 23	8
Nottingham.	Attenborough ..	18	7	7	88	July 13	92	June 26	63	December 23	24	December 24	17
	Mansfield	9	9	9	357	July 13	89	July 14	61	December 23	31	December 24	16
	Nottingham ¶§	9	9	9	192	July 13	88	June 23	64	December 18	30	December, 23 24	19
	Sutton Bonington	9	9	9	157	July 13	87	June 25, July 4, 5, 24	60	December 18	31	December 24	16
	Worksop	9	9	9	56	July 13	89	July 5	62	December 19, 23	34	December 24	16
Leicester.	Belvoir Castle ..	21	21	9	259	July 13, 14	88	August 16	61	January 27	33	December 17	24
North-ampton.	Oundle	9	9	9	147	July 13, 14	87	June 26, July 23	63	December 23	31	December 23, 24	18
	Raunds	9	9	9	213	—	—	—	—	—	—	—	—
	Roade	9	9	9	394	July 14, Aug. 21	85	June 26	61	December 20	31	December 24	(16)
Warwick.	Birmingham ¶§	18—7		7	535	July 13	86	June 23	63	December 23	27	December 23, 24	22
	,, Sparkhill	7	13	7	425	July 13	89	June 23	61	December 23	30	December 24	18
	Coventry	9	9	9	241	July 13	86	June 26, July 28	62	December 21	30	December 24	15
	Rugby	21	21	9	390	July 13, 14	86	July 28	61	December 21	33	December 23	18
	Stratford-on-Avon	9	9	9	210	July 13	85	June 23, July 28	62	December 21	29	December 24	19
Oxford.	Oxford .. ¶§	9	9	9	208	July 13	86	July 28	62	December 21	31	December 24	15
Bucks.	Mursley	9	9	9	490	July 13, 14, Aug. 22	84	June 23	61	December 23	30	December 23	17
Stafford.	Mayfield	9	9	9	374	July 13	86	June 26	61	December 18	29	December 24	7
Shropshire.	Newport	9	9	9	211	July 13	87	July 5	59	December 19, 20	32	December 23	20
	Shrewsbury ..	9	9	9	184	July 13	88	June 26	63	December 23	31	December 23	17

TABLE V [1913] (*continued*).—WARMEST DAY and NIGHT and COLDEST DAY and NIGHT in the YEAR at each STATION.

DISTRICT, COUNTY AND PLACE.		Terminal Hours of Observation. Max.	Min.	Rain.	Height of Station above M.S.L.	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—*cont.*					ft.								
Worcester.	Malvern	9	9	9	380	July 13	89	June 23, 25, July 14	64	December 23	32	December 23	17
	Worcester (Perdiswell)	9	9	9	94	July 13	91	June 25, July 28	62	December 21	29	December 23, 24	18
Hereford.	Bromyard ..	9	9	9	393	July 13	86	June 25	62	December 23	31	December 23, 24	16
	Hereford	9	9	9	292	July 13, 14	88	June 25	63	December 19, 23	33	December 23	16
	Ross-on-Wye ¶§	18—	7	7	223	July 13	86	June 25	63	December 23	25	December 21, 23	18
Gloucester.	Bristol (Horfield)..	18—	7	7	206	July 13	87	June 25	63	December 20	29	December 23	19
	Cheltenham ..	21	21	9	214	July 13	88	June 23, 25, July 16	63	December 23	27	December 21, 24	20
	Cirencester ..	9	9	9	443	July 13	86	June 25	62	Feb. 9, Dec. 23	32	December 24	13
	Parkend	9	9	9	325	July 13	86	June 25	63	Dec. 18, 19, 21, 23	33	December 21, 23	14
5. ENGLAND, S.E.													
London.	Camden Square ..	9	9	9	110	July 13, 14, Aug. 22	89	August 9	65	December 23	34	December 23, 24	25
	East Ham.. ..	9	9	9	15	August 22	88	August 9	64	December 23	33	December 24	23
	Enfield	9	9	9	148	August 22	88	June 25, July 28, August 9	63	March 9, Dec. 18, 19, 22, 23	35	December 23	19
	*g*Greenwich.. ..	24	24	9	149	August 22	91	July 16, 28	63	December 23	28	December 23	20
	Hampstead ..	9	9	9	450	August 22	86	August 8	63	December 23	33	December 23	21
	Kensington ..	18—	9	9	80	July 14, Aug. 22	87	June 25	65	December 23	29	Dec. 21, 22, 23, 24, 25	26
	Regent's Park ..	9	9	9	129	July 14	87	August 9	65	March 9	35	December 24	24
	Kew Observatory ¶§	24	24	24	18	July 14	85	June 25	65	December 23	30	December 23	25
	Stroud Green ..	18	7	7	212	—	—	—	—	—	—	—	—
	Tottenham ¶§	21	21	9	51	July 14, Aug. 22	88	August 9	65	December 23	32	December 23	22
	Westminster ..	9	9	9	27	July 14, Aug. 22	86	June 25, Aug. 9	66	December 23	35	December 23	24
Surrey.	Addington ..	9	9	9	472	July 13, 14	84	August 22	65	March 9	32	December 23	22
	Croydon Aero. ..	18—	7	7	217	August 7	86	August 22	65	December 23	26	December 24	20
	Wisley	9	9	9	150	July 13, 14, Aug.7 21, 22	85	June 25, July 28	62	March 9	34	December 23	23
Kent.	Biggin Hill ..	18—	7	7	567	July 13, Aug. 8, 22	82	August 8, 22	64	March 9, Dec. 23	32	December 23	21
	Bromley	9	9	9	213	August 22	86	July 16, Aug. 9	63	March 9	34	December 24	19
	Canterbury ..	9	9	9	124	August 7, 8	85	August 9	63	March 9, Dec. 23	33	December 24	17
	Dover	9	9	9	22	August 22	84	July 13	66	Jan. 28, March 9	35	December 21	27
	Dungeness ..	18—	7	7	20	August 7	83	August 22	64	January 28	35	December 23	19
	East Malling ..	9	9	9	132	August 7, 22	85	July 12	62	March 9	33	December 24	17
	Folkestone ..	9	9	9	101	August 22	83	July 12	67	Jan. 28, March 9	35	Jan. 30, Dec. 21	28
	Goudhurst ..	9	9	9	290	August 21, 22	83	June 23	61	Feb. 9, March 9, December 21	34	December 23, 24	20
	Lympne	18—	7	7	346	June 24	83	June 23	63	February 8	32	December 21	23
	Manston	18—	7	7	142	August 22	85	August 22	66	December 23	29	December 24	21
	Margate .. ¶§	9	9	9	51	August 22	87	August 22	66	February 8	35	December 24	28
	Tunbridge Wells ..	9	9	9	355	August 8	87	July 12	63	March 9	32	December 23, 24	18
	Wye	9	9	9	164	June 25	85	June 23	65	March 9	33	December 24	20
Sussex.	Ardingly	9	9	9	437	June 25, July 13	85	June 23	64	March 9	34	December 21, 22	23
	Beachy Head ..	18—	7	7	502	July 12	79	July 16, Aug. 22	63	Jan. 28, March 9	35	December 19, 23	25
	Brighton	9	9	9	32	July 13	89	June 23	67	March 9	35	March 10, Dec. 21	26
	Eastbourne ..	21	21	9	35	July 12, Aug. 9	79	August 9	65	Jan. 28, Feb. 8, March 9, Dec. 14	36	December 21	26
	Hastings .. ¶§	21	21	9	149	June 24, July 13	83	August 8	65	Jan. 28, March 9	34	Jan. 28, Dec. 21, 23	28
Berkshire.	Ascot (H'therw'd)	21	21	9	320	July 13	86	June 25, July 28	61	December 23	30	December 23	20
	Reading	9	9	9	152	July 13, 14, Aug. 7	87	June 25	64	December 23	34	December 24	20
	Shinfield	9	9	9	200	August 7	88	July 28	62	December 23	34	December 23	19
	Warfield	9	9	9	220	July 14, Aug. 7, 22	86	July 28	61	December 19	34	December 24	17
Hampshire.	Bournemouth ..	9	9	9	139	July 14	87	July 27	63	December 20	30	December 21	21
	Calshot	18—	7	7	8	July 14	84	July 12	64	December 20	32	December 21	23
	Long Sutton ..	9	9	9	479	July 13, 14	85	July 12, 23, Aug. 8	60	March 9	33	December 24	21
	Southampton ¶§	21	21	9	64	July 14	87	June 23, 25	65	March 9	34	December 21	22
	S. Farnborough ..	18—	7	7	237	July 14	88	June 25	62	December 23	26	December 23	18
Isle of Wight.	Newport	9	9	9	48	July 14	87	July 28	62	December 20	32	December 23	21
	Ryde	9	9	9	13	July 14	84	July 13	66	December 20	34	December 21, 22, 23	28
	Sandown	9	9	9	13	July 14	82	July 13	67	December 20	33	December 21	25
	Totland Bay ..	9	9	9	140	July 13	86	June 25, Aug. 21	63	December 20	31	December 21, 22	25
	Ventnor (Hospital)	9	9	9	59	July 14	84	July 13	69	March 9	36	December 21	28
Wilts.	Amesbury (Boscombe Down)	18—	7	7	417	July 13	87	June 25	64	December 20	30	December 21, 23	21
	Larkhill	9	9	9	440	July 13	85	June 23	62	December 20	30	December 21	19
	Marlborough ¶§	9	9	9	424	July 14	87	July 28	60	December 20	31	December 21, 22	18
	Porton	9	9	9	363	July 13	87	June 25	63	December 20	31	December 21	18
7a. ENGLAND, N.W.													
Cumberland	Keswick	9	9	9	254	June 24	82	July 13	64	December 18	34	December 21, 22	17
	Newton Rigg ¶§	21	21	9	560	June 23	82	June 24	62	December 23	25	December 23	11
Westmorland.	Ambleside.. ..	9	9	9	145	June 23, 25	85	June 23, 24	58	Dec. 20, 21, 23	32	December 23	13
	Appleby	9	9	9	440	June 22, 23	83	July 13, 24 June 26, 30	59	December 20	27	December 23	8
Lancashire.	Bolton	9	9	9	342	June 22, 23	84	June 23	64	December 20	28	December 17, 23	19
	Burnley	9	9	9	458	June 22	84	June 22	62	December 20	27	December 23	17
	Darwen	21	21	9	724	July 13	86	July 13	62	January 9	33	December 21	21
	Hutton	9	9	9	82	June 22, 23	85	June 25	61	December 20	27	December 23	18
	Lancaster	9	9	9	312	June 24	86	July 13	64	December 21, 22	35	December 23, 24	22
	Leyland	9	9	9	125	June 22, 23	84	June 25	61	December 20	28	December 17	16
	Manchester— (Barton) ..	18—	7	7	70	June 22, 23, July 13	85	June 26	64	December 23	28	December 17	19
	(Oldham Rd.) ..	21	21	9	191	June 22, July 13	88	June 23	69	December 21	32	December 23	26
	(Whit. Park) ..	21	21	9	125	June 23	86	June 23	64	December 21	31	December 23	22
	Southport ¶§ (Bedford Rd. Pk)	9	9	9	35	June 22	85	July 13, 24, 27 August 20	61	December 20	29	December 20	19
	Stonyhurst ¶§	9	9	9	377	June 22, 23	83	June 23	62	December 20	25	December 21	17
Cheshire.	Bidston Obsy. ..	21	21	9	198	June 22	84	July 23	64	January 9	34	December 24	23
	Hoylake	9	9	9	23	June 22	84	July 23, 27	62	Jan. 8, Dec. 13	37	December 21, 24	23
	Macclesfield ..	9	9	9	500	July 13	87	June 23	65	December 20	29	December 23	17
	West Kirby ..	9	9	9	25	June 22, 25	84	July 23	64	December 20, 23	32	December 24	22
7b. NORTH WALES.													
Flint.	Hawarden Bridge	9	9	9	17	June 22, 23	83	July 27	63	December 20	28	December 21	20
	Rhyl ..	9	9	9	31	June 22	85	August 11	62	December 18, 19	37	Dec. 21, 23, 24	25
	Sealand .. ¶§	18—	7	7	16	June 23	86	June 26, July 5	62	December 23	28	December 21	22

g Temperature from thermometers on a Glaisher stand.

TABLE V [1913] (*continued*).—WARMEST DAY and NIGHT and COLDEST DAY and NIGHT in the YEAR at each STATION.

DISTRICT, COUNTY AND PLACE.		Terminal Hours of Observation. Max.	Min.	Rain.	Height of Station above M.S.L.	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.
7b. NORTH WALES—*cont.*					ft.								
Anglesey.	Holyhead .. ¶§	18—	7	7	26	June 29	73	July 10, 27, August 11, 17, 18, 24	59	December 18	39	December 23	30
Denbigh.	Colwyn Bay ..	9	9	9	118	June 22	84	July 23, Aug. 22	63	December 23	36	March 14	26
Carnarvon.	Aber	9	9	9	60	June 22	82	July 23	64	Jan. 8, Feb. 25, Mar. 10, December 13, 18, 23	39	December 14	27
	Llandudno ..	9	9	9	13	June 22	84	July 13, 23, 27	61	December 18	38	December 14, 21, 23	28
Montgomery.	Welshpool.. ..	9	9	9	254	July 13	89	June 25	61	December 19	33	December 23	18
8a. SOUTH WALES.													
Cardigan.	Aberystwyth ..	9	9	9	12	June 25	82	July 12	63	Jan. 8, Dec. 14	37	December 23	24
	,, P.B.S. †	9	9	9	452	June 22	81	July 12	61	December 19	36	December 23	25
Pembroke.	Haverfordwest ..	21	21	9	250	—	—	—	—	—	—	—	—
	St. Ann's Head ¶§	18—	7	7	142	June 25	74	July 12	61	March 9	38	March 9, 10	30
Radnor.	Rhayader .. ¶§	9	9	9	757	—	—	—	—	—	—	—	—
Brecknock.	Cantref	9	9	9	1080	July 13	80	June 25, July 12	60	December 13	32	Jan. 9, March 9, 10	20
Glamorgan.	Cardiff	21	21	9	202	July 13	84	June 23	68	December 23	32	December 23	22
	Swansea	9	9	9	32	June 24	84	June 25	66	January 9, December 18, 19, 23	39	December 22	25
8b. ENGLAND, S.W.													
Monmouth.	Newport	9	9	9	265	July 13	86	June 25	64	December 19, 23	34	December 22	21
	Usk	9	9	9	70	July 13	87	June 25, July 5	61	December 21	33	December 23	14
Somerset.	Bath .. ¶§	9	9	9	67	July 13	88	June 25	64	December 21, 22	30	December 22, 23, 24	19
	Cannington ..	9	9	9	95	June 23, 24	83	July 28, 29	62	December 21	30	December 23	20
	Long Ashton ..	9	9	9	162	June 23, 24	85	June 25	62	December 21	28	December 21, 22	18
Dorset.	Holton Heath ..	9	9	9	64	July 14	85	July 13, 28	62	December 20	30	December 21, 22	20
	Portland Bill ..	18—	7	7	32	July 14	80	July 13	65	March 9	36	March 9	28
	Shaftesbury ..	9	9	9	722	July 13	85	June 23	65	March 9	32	December 21	19
Devon.	Arlington	9	9	9	613	June 24	81	June 25	60	Jan. 9, Dec. 22	38	December 20, 21	22
	Cullompton ¶§	9	9	9	202	July 13, 14	86	June 24	62	March 9, Dec. 20, 22	35	December 21	21
	Ilfracombe ..	9	9	9	25	June 22	81	July 12, 25	63	December 20	38	December 21	29
	Killerton	9	9	9	159	August 7	86	July 28	61	December 22	35	December 21	21
	Newton Abbot ..	9	9	9	375	August 7	84	June 24	63	March 9	34	December 22	24
	Paignton	9	9	9	12	July 14	82	July 15	63	March 9	35	December 22	23
	Plymouth (Hoe) ..	21	21	9	117	June 24	82	July 25	64	December 22	36	December 22	24
	Plymouth .. .. (Mount Batten)	18—	7	7	82	June 24	81	June 25	65	March 9	36	December 22	25
	Princetown ..	9	9	9	1430	July 15	78	July 14	62	December 20	32	March 9	22
	Salcombe	9	9	9	39	—	—	—	—	—	—	—	—
	Sidmouth	9	9	9	25	July 14	83	June 24	65	March 10, Dec. 19	38	December 21	25
	Tavistock	9	9	9	457	August 7	83	July 25	62	March 10	34	December 21	21
	Teignmouth ..	9	9	9	20	July 14	83	July 15	64	March 9, Dec. 20	37	December 22	24
	Torquay	9	9	9	27	July 14	84	June 24	63	March 9	36	December 22	24
	Woolacombe ..	9	9	9	60	June 22, 24, 25	80	June 25	62	—	—	—	—
Cornwall.	Falmouth Obs. ¶§	9	9	9	167	June 24, July 15	79	June 25	62	December 13	36	December 14	27
	Fowey	9	9	9	51	June 24	81	June 25, July 25	62	March 10	37	December 22	24
	Gulval	9	9	9	20	August 7	79	July 10, 17, 25, 28, 29, August 9	57	March 10, Dec. 13	38	Feb. 9, March 10	26
	The Lizard ..	18—	7	7	240	July 24	79	June 25, July 15, 25, August 25	60	March 10	35	Feb. 9, March 9, 10	30
	Newquay	9	9	9	190	June 22	76	July 10, 14, 24, 26, 28, August 19, 25, 29	60	December 13, 20	36	December 14	24
	Redruth	9	9	9	397	July 12	75	June 25	60	March 10, Dec. 13	35	December 14	26
9. IRELAND, N.													
Sligo.	Markree Castle ¶§	21	21	9	122	August 6	76	July 22, Aug. 17, 18, 20	59	December 23	35	December 23	12
Mayo.	Blacksod Point ¶	18—	7	7	18	July 8	73	August 17	60	December 23	39	December 21	31
	Mallaranny ..§	9	9	9	113	July 7	75	August 6, 7, 20	60	December 18	39	December 24	24
Donegal.	Malin Head ¶§	18—	7	7	84	July 8	75	July 23, Aug. 15, 20	62	December 23	38	December 23	29
Antrim.	Aldergrove ..	18—	7	7	238	July 22, Aug. 7	75	July 23	63	December 21	35	December 23	18
Down.	Donaghadee ..	8—	8	8	40	—	—	—	—	—	—	—	—
	Hillsborough ..	9	9	9	388	August 7	75	July 23	61	Dec. 18, 20, 21, 22	35	December 23	22
Armagh.	Armagh .. ¶§	21	21	9	204	July 22	76	August 17	60	December 23	32	December 23	17
Longford.	Newtownforbes ..	21	21	9	154	August 6	77	July 22, Aug. 5, 17	59	December 22	30	December 23	16
10. IRELAND, S.													
Dublin.	Balbriggan ..	9	9	9	203	July 13, Aug. 10	75	July 23	62	December 22	36	December 23	24
	Dublin City ..¶	21	21	9	54	July 13	76	July 23	64	December 20, 21	35	December 23	22
	Glasnevin ..	21	21	9	55	July 13	79	August 17	62	December 21	34	Feb. 26, Dec. 21	21
	Phœnix Park ..§	21	21	9	155	July 13, 23	79	August 17	61	December 21	33	December 23	15
	Trinity College..	21	21	9	13	July 13	80	July 23, August 16	64	December 21	35	December 23	21
	Hazelhatch .. (Peamount San.)	9	9	9	366	July 12	77	July 23, Aug. 7	61	December 20, 21	33	December 23	15
	Rathfarnham ..	9	9	9	169	July 13	78	July 23, Aug. 6, 17	62	December 20	36	December 24	18
Wicklow.	Newcastle.. ..	21	21	9	256	July 13	81	July 23	61	March 10	39	February 26	27
Offaly.	Birr Castle ¶§	18—	7	7	173	July 12	78	July 23, Aug. 11	61	December 21	26	December 23	16
Leix.	Mountmellick ..	9	9	9	245	(July 12)	(77)	—	—	—	—	—	—
Waterford.	Seskin, Carrick-on-Suir.	21	21	9	535	July 22	80	July 4, 23	60	December 21, 22	30	December 21	21
	Waterford.. ¶	9	9	9	137	June 25	77	July 28, Aug. 6	61	December 21, 22	31	December 22	19
Limerick.	Foynes	9	9	9	43	August 7	79	July 23, Aug. 11	62	December 21	26	December 22	16
Kerry.	Valentia Obs. ¶*	24	24	24	30	July 7	72	August 11	61	March 10	40	December 22	29
Cork.	Ballinacurra ..§	9	9	9	24	June 25, July 22, Aug. 1	75	July 28, Aug. 20	61	December 22	34	December 23	20
	Cork	9	9	9	57	July 22, Aug. 6	76	July 27, 28 Aug. 17, 20, Sept. 11	61	December 22	31	December 23	19
	Roche's Point ¶	18—	7	7	22	July 4	73	July 28, Aug. 11, 20	61	December 22	35	February 26	28
11. CHANNEL ISLES AND SCILLY.													
Scilly.	St. Mary's.. ¶§	18—	7	7	163	July 12, August 11, 19, 21	71	August 9, 11, 17	60	March 10	39	March 10	32
Guernsey.	St. Peter Port ¶§	18—	7	7	175	August 7	78	June 23	65	March 9	33	March 9	27
Jersey.	St. Heliers ¶§	9	9	9	28	June 22	86	June 23	66	March 9	32	March 9	26
GIBRALTAR		18—	7	7	102	July 31	97	July 29, Aug. 11	76	February 9	48	February 10	33
MALTA		18—	7	7	231	June 6, Aug. 12, Oct. 6	91	August 14	80	January 21, 30	50	January 22	42

TABLE VI.—MONTHLY FREQUENCIES OF SUNSHINE FOR 20 STATIONS.—NUMBER OF DAYS in each MONTH on which the DURATION of SUNSHINE

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	14	16	1	0	0	10	8	9	1	0	6	7	5	13	0	2	17	4	3	4	3	8	7	3	10	3	13	7	1	6
Aberdeen	10	17	4	0	0	5	13	8	2	0	7	10	8	6	0	6	9	9	3	3	3	7	6	9	6	6	7	7	5	5
Cockle Park ..	11	16	3	1	0	8	14	4	2	0	13	6	4	7	1	8	7	5	6	4	7	3	5	7	9	5	7	9	4	5
Cambridge	9	17	5	0	0	8	13	5	1	1	5	10	6	8	2	5	7	11	6	1	4	3	6	7	11	1	6	6	8	9
Birmingham ..	11	18	2	0	0	5	19	2	2	0	6	9	8	8	0	0	12	7	8	3	4	5	6	8	8	1	8	5	8	8
Kew Observatory ..	10	15	5	1	0	5	17	2	4	0	3	13	7	6	2	4	7	14	4	1	2	5	9	7	8	1	7	7	4	11
Southampton ..	9	13	5	4	0	9	12	3	3	1	5	10	6	9	1	3	7	13	6	1	2	8	8	6	7	3	5	4	11	7
Rothesay	12	14	4	1	0	10	10	3	5	0	5	13	7	5	1	1	11	5	8	5	3	1	6	4	17	3	9	8	6	4
Renfrew (Abbotsinch)	12	14	4	1	0	11	8	4	5	0	7	13	6	5	0	3	13	5	5	4	4	4	5	5	13	4	11	7	2	6
Eskdalemuir ..	14	8	8	1	0	12	9	4	3	0	9	10	4	5	3	6	12	7	2	3	0	3	5	5	18	4	11	8	4	3
Douglas	11	10	6	4	0	6	13	5	4	0	6	10	7	4	4	2	3	7	8	10	2	2	3	5	19	3	8	4	8	7
Southport	13	11	5	2	0	5	17	5	1	0	4	12	7	6	2	0	9	6	10	5	2	3	3	7	16	1	8	7	4	10
Stonyhurst	15	11	3	2	0	10	14	2	2	0	5	15	6	4	1	0	11	8	6	5	0	5	3	4	19	1	11	3	6	9
Holyhead	11	13	7	0	0	6	14	6	2	0	1	11	9	5	5	1	5	8	7	9	0	6	6	3	16	4	8	4	3	11
Falmouth	14	11	2	4	0	5	14	8	1	0	4	11	11	2	3	3	7	8	8	4	4	6	3	8	10	5	3	6	8	8
Markree Castle ..	17	11	2	1	0	6	11	10	1	0	9	7	8	7	0	2	8	10	7	3	1	5	4	4	17	3	5	10	7	5
Armagh	17	9	4	1	0	3	13	9	3	0	6	12	7	4	2	2	7	6	10	5	0	5	5	7	14	0	9	10	8	3
Dublin (Phœnix Park)	11	16	1	3	0	4	10	13	1	0	5	12	4	7	3	2	7	10	6	5	1	7	6	5	12	1	8	7	6	8
Birr Castle	18	10	2	1	0	6	11	5	6	0	4	11	8	6	2	0	8	11	7	4	1	6	6	7	11	0	10	10	5	5
Valentia Obs. ..	12	13	5	1	0	8	9	7	4	0	10	7	4	9	1	2	7	10	4	7	4	3	2	5	17	4	7	6	6	7

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 ..	12, 27	38	3	48	23	35	18	42	2, 3	42	21, 31	45	2, 4	41	29	46	12, 16	43	4	51	1, 2, 5	49	23	56
Aberdeen ..	27	37	15	44	25	36	18	46	9, 10	41	19	46	4	37	29	45	13, 16	42	4	47	3	46	27	57
Cockle Park	27, 28	36	2, 3	44	27	37	18	44	9	37	25	44	7, 14	42	21, 23	44	16, 17	46	3	45	2	47	30	61
Cambridge ..	27	35	2, 3	47	9	34	16	49	9, 10	38	22, 24	45	4	39	10	51	14, 16	48	24, 28	50	1	57	26	63
Birmingham	9	34	2	50	8, 9	38	16	52	10	34	24, 25	45	4	42	10	49	16	45	28	50	1	57	23	63
Kew Obs. ..	9	36	2	50	8	36	20	48	9	35	22	47	3	44	10	49	16	47	24	51	3	62	25	65
Southampton	27	38	3	50	8, 9	37	4	48	9	34	24	48	3, 13	47	10	51	14, 16, 17, 19	50	4, 7	54	4, 6	58	23, 25	65
Rothesay ..	12	38	2	49	24	34	11	43	9	41	25	47	4	43	27	46	19	47	4	51	4	52	24, 25	56
Renfrew (Abbotsinch)	8	30	3	46	24	35	19	48	9	42	19, 25	48	7, 16	44	10, 27	46	15, 17	48	2, 3	47	4	52	22	58
Eskdalemuir	28	33	2	47	25	36	18	43	9	35	25	45	16	39	23	42	15	41	6	43	8	54	23	59
Douglas ..	7, 20	41	2	51	25	38	19	46	9	40	25	46	5	43	26	47	17	47	7	52	6, 11	54	23	57
Southport ..	8	33	2	49	25	40	20	49	10	39	19, 23, 24, 26, 31	45	4, 5	45	10	48	17	48	3	49	18	58	25, 30	60
Stonyhurst ..	8	35	3	48	25	38	20	47	9	36	19, 25	45	4	41	10	47	17	44	3	50	2	55	23	62
Holyhead ..	27	41	2	51	25	42	2, 16	49	9, 10	40	19	48	5	44	10, 20	47	17	45	3,29,30	51	6	55	22, 23, 26, 27	56
Falmouth ..	7, 27	41	2	51	8	40	16	50	9, 10	39	24	50	3	48	10	51	17	50	3,29,30	52	6	57	25	62
Markree Castle	8	38	2	50	8	41	18	46	1	41	19, 25	48	5	44	30	49	17	50	29	52	9, 14, 15	59	20, 29	56
Armagh ..	12	38	2	50	7, 25	39	18, 19	45	9	41	19, 25	47	5	44	10	46	17	49	29	51	4, 8	57	21, 26, 28	57
Dublin (Phœnix Pk.)	27, 28	40	2	48	8, 25	41	19	49	10	41	19, 25	48	4	44	10	48	16	47	2, 3, 29	50	4	56	21	60
Birr Castle ..	8	38	2	50	7	38	16	52	1, 10	40	19	48	5	46	30	50	17	49	31	54	8, 11	58	26	59
Valentia Obs.	21	41	1	52	25	41	3	52	10	40	25	51	4	49	30	51	17	50	31	54	10	55	28	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	116	67	104	45	24	4	3	2
Aberdeen	164	66	72	37	17	4	1	4
Cockle Park	163	73	81	34	7	3	2	2
Cambridge	215	35	76	29	5	3	1	1
Birmingham	184	46	79	37	9	8	2	0
Kew Observatory ..	197	54	72	22	15	2	1	2
Southampton ..	182	41	74	36	16	8	3	5
Rothesay	142	38	85	52	30	10	5	3
Renfrew (Abbotsinch)	162	39	89	48	17	4	4	2
Eskdalemuir	135	54	68	56	28	12	4	8

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. ∧
Douglas	161	54	75	46	12	8	6	3
Southport	182	45	82	33	16	3	1	3
Stonyhurst	158	51	70	48	15	14	2	7
Holyhead	168	60	72	39	17	7	1	1
Falmouth	160	52	82	37	19	8	4	3
Markree Castle ..	124	47	114	58	13	6	1	2
Armagh	150	66	100	36	10	0	3	0
Dublin (Phœnix Park)	170	65	93	23	8	3	2	1
Birr Castle	150	67	93	37	11	6	0	1
Valentia Observatory	116	53	99	57	28	6	4	2

was (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	10	5	6	4	12	11	2	2	4	13	9	4	0	6	18	6	1	0	11	12	7	0	0	11	16	4	0	0	75	149	80	33	28	Kirkwall.
1	4	8	8	10	3	11	4	8	5	3	10	5	10	2	6	12	9	4	0	6	17	6	1	0	11	12	8	0	0	67	129	82	56	31	Aberdeen.
2	2	5	10	12	2	9	4	8	8	5	8	5	5	7	8	10	8	5	0	15	12	3	0	0	14	8	8	1	0	98	102	63	56	46	Cockle Park.
0	1	10	6	14	0	7	9	3	12	1	11	8	6	4	3	16	2	10	0	12	9	8	1	0	13	15	3	0	0	61	115	79	56	54	Cambridge.
0	3	12	5	11	2	7	7	6	9	2	10	9	7	2	8	11	6	5	1	7	15	7	1	0	10	16	5	0	0	56	133	76	58	42	Birmingham.
0	3	7	6	15	2	8	5	7	9	1	10	6	8	5	5	14	3	9	0	10	13	7	0	0	13	15	3	0	0	56	127	75	56	51	Kew Observatory.
0	4	2	5	20	3	2	9	7	10	2	8	6	10	4	7	12	6	6	0	10	14	6	0	0	11	13	7	0	0	64	108	75	67	51	Southampton.
2	8	7	3	11	2	14	5	6	4	4	12	8	4	2	11	12	5	3	0	11	12	6	1	0	13	10	8	0	0	77	126	72	46	44	Rothesay.
1	9	8	3	10	3	11	7	6	4	4	11	5	8	2	10	14	6	1	0	15	9	6	0	0	15	10	6	0	0	89	127	69	41	39	Renfrew (Abbotsinch).
3	5	6	6	11	4	10	6	6	5	5	13	6	4	2	9	16	5	1	0	7	19	4	0	0	13	8	10	0	0	86	124	73	37	45	Eskdalemuir.
1	5	6	4	15	1	9	8	7	6	3	8	8	6	5	10	6	8	6	1	3	15	11	1	0	11	7	11	2	0	59	96	84	59	67	Douglas.
2	3	7	6	13	1	7	3	10	10	4	9	10	5	2	9	13	4	4	1	6	16	8	0	0	12	13	6	0	0	59	121	71	55	59	Southport.
1	7	6	6	11	0	9	4	4	14	2	14	6	6	2	8	16	4	2	1	7	19	4	0	0	11	15	5	0	0	60	147	54	42	62	Stonyhurst.
0	7	4	5	15	2	6	7	9	7	3	7	11	6	3	9	10	9	3	0	4	13	10	3	0	7	14	7	3	0	48	114	88	49	66	Holyhead.
1	7	5	4	14	3	5	6	2	15	4	8	7	7	4	3	14	6	7	1	5	7	13	5	0	7	16	4	4	0	58	109	79	60	59	Falmouth.
1	14	4	5	7	3	15	9	4	0	5	10	6	8	1	8	13	7	3	0	8	14	8	0	0	9	13	9	0	0	72	126	87	47	33	Markree Castle.
2	8	5	5	11	5	10	4	8	4	3	11	9	6	1	10	7	10	4	0	10	9	4	7	0	11	13	7	0	0	69	113	80	63	40	Armagh.
0	9	4	7	11	1	12	5	5	8	3	11	6	8	2	8	5	10	8	0	7	4	13	6	0	5	13	11	2	0	48	114	90	64	49	Dublin (Phœnix Park).
4	9	4	3	11	2	13	2	12	2	3	14	6	6	1	6	12	10	3	0	8	9	13	0	0	12	12	7	0	0	64	125	84	56	36	Birr Castle.
9	5	3	1	13	2	12	6	7	4	1	14	11	4	0	9	8	11	3	0	3	21	6	0	0	9	16	5	1	0	73	122	76	45	49	Valentia Observatory.

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.		°F.	
5, 20 28, 29	55	9	58	27	55	21	59	8, 17, 23, 25, 30	53	14	55	21	40	15	51	30	38	4	48	23	36	28	42	Feb. 23	35	Aug. 21	59	Kirkwall.
1	57	27	57	28	55	20	59	22, 26	52	26	55	21	43	14, 15	51	30	38	4	47	23	34	27	42	Dec. 23	34	Aug. 20	59	Aberdeen.
28	60	3	56	28	59	19	58	22	52	3	53	21	43	14	50	13	35	4, 21	43	16,20, 23	34	27,31	39	Dec. 16, 20, 23	34	June 30	61	Cockle Park.
18	65	28	63	28, 30	64	24	62	24	58	22, 28	59	20	48	28	57	25	41	2	51	23	25	27	46	Dec. 23	25	{June 26 July 28}	63	Cambridge.
19	62	13,14, 24, 28	61	28, 30	60	8	61	26	55	28	57	22, 25	44	28, 29	55	24	41	3	51	23	27	27	45	Dec. 23	27	June 23	63	Birmingham.
18	67	28	63	31	63	20	59	31	58	1	59	21	47	28	57	25	40	3	52	23	30	27	47	Dec. 23	30	June 25	65	Kew Obs.
19	64	13	61	30	60	7,9,21	61	9,30	58	28	60	22	47	28	55	21, 24	44	3	53	20, 23	35	27	47	Mar. 9	34	June 23,25	65	Southampton.
19	57	13	59	29	54	7, 18 24	58	24, 30	52	11	55	22	42	14, 15	50	13, 30	43	4	47	19, 23	36	27	42	Feb. 24	34	July 13	59	Rothesay.
4, 19, 28	61	23	61	29, 30	59	20	62	24	52	2	56	22	40	14, 16	52	10	39	4	48	23	18	27	39	Dec. 23	18	Aug. 20	62	Renfrew (Abbotsinch).
18	59	23	55	30	57	19	57	26	50	1	51	22	40	15	48	13	37	21	41	23	24	27	41	Dec. 23	24	June 23	59	Eskdalemuir.
19	58	13	59	29	58	17, 22	58	24	52	12	57	20	47	28, 29	54	17,23, 24	45	4	50	18	38	31	44	{Feb. 25 Dec. 18}	38	July 13	59	Douglas.
1,5,20	63	13,24, 27	61	27	61	20	61	30	56	5, 20	57	22	46	28, 29	54	23	45	4	49	20	29	31	43	Dec. 20	29	{July 13, 14, 27 Aug. 20}	61	Southport.
17	60	13, 27	58	27	59	19,20, 21	58	24	51	13	55	22	44	28, 29	53	24	41	4	48	20	25	31	42	Dec. 20	25	June 23	62	Stonyhurst.
1	57	10, 27	59	29	58	11,17, 18, 24	59	30	56	1, 10, 15, 20	57	22	43	16,27, 28, 29	56	23	45	3	50	18	39	27	46	Dec. 18	39	{July 10, 27 Aug. 11, 17,18, 24}	59	Holyhead.
1, 19	63	29	61	28	62	9, 21	60	30	58	8, 9, 20	59	22	50	15, 28	55	24	45	3	52	13	36	26, 31	48	Dec. 13	36	June 25	62	Falmouth.
18	61	22	59	29	55	17,18, 20	59	29	54	12	56	22	46	28	55	24	40	4, 28	45	23	35	27	41	Dec. 23	35	{July 22 Aug. 17, 18, 20}	59	Markree Castle.
3	62	22	57	29	53	17	60	24	53	10	56	22, 31	46	27, 28	54	13, 17	41	3,4,21	45	23	32	26	45	Dec. 23	32	Aug. 17	60	Armagh.
21	64	4, 23	60	29	58	17	61	21	54	10	57	22	46	28	55	17	37	4, 21, 22	47	21	33	26	45	Dec. 21	33	Aug. 17	61	Dublin (Phœnix Pk.).
3	62	23	61	29	57	11	61	30	54	9	57	22	46	28	55	8, 24	41	4	47	21	26	27	43	Dec. 21	26	{July 23 Aug. 11}	61	Birr Castle.
16	61	27	60	27	59	11	61	30	56	7	60	20	49	28	55	16, 24	45	3	50	22	41	8	48	Mar. 10	40	Aug. 11	61	Valentia Obs.

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	33	170	110	46	6	0	0	0	0	0	22	154	135	54	0	Douglas ..	0	13	129	119	90	13	1	0	0	0	0	13	117	149	86	0
Aberdeen ..	0	40	144	102	64	15	0	0	0	0	2	46	144	117	56	0	Southport ..	1	18	118	91	95	35	7	0	0	0	4	30	121	119	85	6
Cockle Park ..	0	46	120	95	71	27	6	0	0	0	4	63	154	98	45	1	Stonyhurst ..	1	36	116	92	86	26	8	0	0	0	5	35	129	121	69	6
Cambridge ..	2	33	83	89	80	46	29	3	0	0	5	52	115	114	69	10	Holyhead ..	0	6	123	145	86	5	0	0	0	0	0	4	66	169	120	6
																	Falmouth ..	0	11	75	149	91	36	3	0	0	0	0	14	84	151	108	8
Birmingham ..	1	41	98	93	78	36	18	0	0	0	2	33	120	128	72	10	Markree Castle	0	14	101	118	110	22	0	0	0	1	8	36	149	109	62	0
Kew Obs. ..	1	43	79	94	75	47	26	0	0	0	0	34	110	122	84	15	Armagh ..	1	21	104	107	95	37	0	0	0	0	1	39	136	132	56	1
Southampton	0	22	93	97	91	44	17	1	0	0	1	33	105	114	100	11	Dublin	0	16	102	117	83	44	3	0	0	0	4	48	123	132	51	7
Rothesay ..	0	25	137	92	100	11	0	0	0	0	0	21	138	142	64	0	(Phœnix Park)																
Abbotsinch ..	3	35	104	100	92	31	0	0	0	1	6	51	127	124	51	5	Birr Castle ..	3	24	96	111	101	29	1	0	0	0	6	36	129	119	68	7
Eskdalemuir ..	4	63	114	101	65	17	1	0	0	4	20	83	157	70	31	0	Valentia Obs.	0	8	113	137	105	2	0	0	0	0	0	10	72	182	93	8

Wind Section.

TABLE X.—PARTICULARS 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.	
0.	SCOTLAND, N.							
	Lerwick ..	D †	1923	1923	310	53	39	Records from a new instrument have been used since 1st January, 1931.
	Kirkwall ..	D †	1929	1930	170	40	35	
	Butt of Lewis..	D †	1929	1930	170	40	35	Instrument dismantled at the end of November, 1935. Installed at Stornoway at the beginning of December, 1935.
1.	SCOTLAND, E.							
	Aberdeen ..	R †	1868	1909	110	75	—	Data adjusted as explained on p. 191, are printed.
	,, ..	d	1907	1909	153	105	—	The Record ceased February 1920.
	,, ..	D †	1922	1922	120	41	32	The anemometer was transferred to a new site on 6th April, 1933. (See note on page 191.)
	Balmakewan ..	D	1915	1915	140	25	20	
	Bell Rock ..	D †	1929	1930	130	—	126	Instrument is installed on Lighthouse top. (See *Met. Mag.*, 1929, p. 177.)
	Edinburgh ..	D	1915	1915	485	39	23	
6*a*.	SCOTLAND, W.							
	Tiree	D †	1926	1927	75	50	42	
	Paisley ..	D	1914	1914	188	81	31	
	Abbotsinch ..	D †	1934	1934	65	46	33	
	Eskdalemuir ..	d †	1911	1911	825	50	35	Instrument replaced by one with direction-recorder attached in 1914.
	,, ..	D †	1914	1914	825	50	35	
2.	ENGLAND, N.E.							
	South Shields..	D †	1909	1911	73	57	44	On 22nd April, 1927, the instrument was removed from Groyne Lighthouse and re-erected on the South Pier. New instrument with 1 inch pipes in use from 11th August, 1933, at a height of 62 feet above M.S.L. The height was raised to 73 feet in May, 1934. A Robinson cup-anemograph was in action on the High Lighthouse at N. Shields from September, 1886, to 1910.
	Catterick ..	D †	1932	1932	220	45	33	Instrument installed 18th April, 1932.
	Spurn Head ..	D	1913	1914	64	42	34	New instrument with 1 inch pipes installed 15th October, 1933.
	Cranwell ..	D †	1927	1921	284	43	33	From 1916 to 1927, an anemograph, type A, was in operation.
3.	ENGLAND, E.							
	Gorleston ..	D	1920	1912	52	42	34	New instrument with 1 inch pipes installed 17th March, 1933, but records unreliable until September, 1933. For details of previous instruments, see Table X, 1932.
	Felixstowe ..	D †	1925	1925	65	50	40	Instrument, type D, installed August, 1930, to replace type A. (See Table X, 1929).
	Cardington ..	D †	1928	1932	285	150	135	Vane on lattice mast 100 feet above adjacent buildings (see *Geophysical Memoirs*, 54, p. 14).
	Shoeburyness	D	1902	1909	115	104	89	The vane is 14 feet above top of conning tower and 79 feet above adjacent building. One inch connecting pipes in use from 1st January, 1935.
4.	MIDLAND COUNTIES.							
	Birmingham ..	D	1923	1924	643	118	73	
5.	ENGLAND, S.E.							
	London(S. Kens.)	D	1929	1930	137	110	30	Instrument is installed on the Science Museum roof.
	Kew Obsy. ..	D †	1914	1914	92	75	50	From 1868 to 1929 an anemograph, type R, was in action. From 1896 to 1914, an anemometer type d, was in operation. (See also Table X, 1931.)
	Croydon ..	D †	1922	1922	313	105	70	Records from a new instrument on a new site have been used since May, 1928. (See Preface 1928 ,p. xiv.) The particulars given refer to this instrument.
	Dover	d	1923	1924	66	66	60	Vane 32 feet above pier floor (see note p. 191) ; instrument was on another site 1908 to 1918.
	Lympne ..	D †	1922	1922	418	76	48	New instrument June, 1930. Vane erected 76 feet above ground to minimise obstructional effect of trees (20 to 30 feet high) to W. and of hangars (40 feet high) to N.E.
	Calshot ..	D †	1917	1920	58	50	42	From 1917 to April, 1929, an anemograph, type A, was in operation.
	Boscombe Down	D †	1932	1933	462	45	33	Instrument in action from 28th June, 1932.
	Larkhill (Salisbury Plain)	D	1930	1930	491	51	36	An anemometer, type D, was erected April, 1930. Until August, 1928, an anemobiagraph was in operation on a different site. (See Table X, 1929).
7*a*.	ENGLAND, N.W.							
	Fleetwood ..	D	1923	1923	112	50	31	Installed 14th December, 1923, to replace type R in operation from 1886. (See Table X, 1932). New instrument with 1 inch connecting pipes in use from 6th September, 1935.
	Manchester (Barton)	D †	1934	1934	153	83	80	
	Southport ..	D †	1897	1909	60	42	33	Prior to 16th January, 1933, the instrument was at a height of 59 feet above ground.
	Liverpool (Bidston)	D	1928	1929	262	64	39	
7*b*.	N. WALES.							
	Holyhead ..	R †	1870	1909	50	25	—	From 1870 to November, 1899, the instrument was on the top of the old lighthouse at the western end of the old stone pier. It was than changed to a position on Salt Island, where it remained until it was dismantled in May ,1933.
	,, ..	D †	1920	1920	64	45	38	Data from a new anemometer, type D, with 1 inch pipes, have been printed since 1st January, 1933. For details of previous instruments, see Table X, 1932.
	Sealand ..	D †	1927	1924	81	65	42	From 1924 to February, 1927, an anemograph, type A, was in operation.
8*b*.	ENGLAND, S.W.							
	Plymouth ..	d	1908	1909	185	88	65	
	Falmouth ..	R †	1868	1909	208	41	—	The position of the observatory at Falmouth was changed in May, 1885.
	The Lizard ..	D †	1935	1935	315	75	60	
	Pendennis Castle	D	1902	1909	256	65	42	New instrument installed August, 1929. From 1902 to 1924, and during 1927, an anemometer, type d, was in operation.
9.	IRELAND, N.							
	Dunfanaghy ..	d	1926	1927	180	47	30	
	Aldergrove ..	D †	1927	1927	282	40	20	
	Armagh ..	R †	1868	1909	246	50	—	
10.	IRELAND, S.							
	Kingstown ..	R †	1900	1909	49	27	27	A Robinson cup-anemograph of the original pattern was in operation at Kingstown from 1856 to 1895
	Quilty ..	d	1911	1911	100	40	32	
	Valentia Obsy.	R †	1868	1909	75	45	—	Prior to March, 1892, the site of the Observatory was on Valentia Island. New instrument, type D, in use from January, 1932.
	,, ,,	D †	1917	1917	98	41	33	
	Cork	d	1934	1934	132	71	40	Weaver Point record ceased 12th June, 1933 Instrument transferred to Cork on 15th December, 1933. For details of previous sites see Table X, 1932.
11.	SCILLY ISLES.							
	St. Mary's ..	D †	1927	1909	230	65	57	For details of previous instruments, see Table X, 1931.

* A Anemobiagraph with direction recorder. R Robinson cup-anemograph : standard size, 9-in. cups, 2-ft. arms ; factor used, 2·2. D Dines Pressure Tube Anemometer and direction recorder. d Dines Pressure Tube Anemometer without direction recorder † Hourly values are available. Hourly readings or hourly means have been published for varying periods for Aberdeen, Eskdalemuir, Kew, Southport, Falmouth, Armagh and Valentia.

‡ Details of "height above building" are given in Table X 1931.

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.‡									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				
										Direction and Speed.			Hour ended at.					Date.		
	No. of Days.	Duration 1935.	Duration Average.¶	No. of Days.	Duration.	Duration.	Duration.	Duration.	Duration.	°	mph	m/s.	month.	day.	hour.	mph	m/s.	month.	day.	h. m.
		hr.	hr.		hr.	hr.	hr.	hr.	hr.											
0.*Lerwick	47	223	236	203	1,807	3,926	2,492	312	0	290	56	25	Jan.	23	08	89	40	Feb.	2	01 00
Kirkwall ..	9	32	52	114	917	3,866	3,411	534	0	60 / 10	45 / 45	20 / 20	April / May	16 / 15	24 / 14	81	36	Feb	2	06 10
1. Aberdeen ..	1	1	3	55	216	2,374	5,056	1,113	0	290	44	20	Feb.	14	10	70	31	Jan.	25	00 40
Balmakewan ..	0	0	0·6	17	44	877	(4,589)	(3,221)	29	150	34	15	Oct.	19	03	68	30	Jan.	25	22 00
Bell Rock ..	45	253	255	199	1,791	3,751	2,223	742	0	240	68	30	Oct.	19	04	101	45	Oct.	19	03 55
Edinburgh ..	3	13	20	47	243	2,111	3,940	2,429	24	190	43	19	Oct.	18	20	72	32	Oct.	18	19 05
6a. Tiree	23	127	110	130	1,148	3,448	3,226	761	50	230	60	27	Oct.	18	24	90	40	Oct.	18	24 00
Paisley	0	0	0·6	13	53	1,295	5,261	2,151	0	260	38	17	Oct.	19	05	84	38	Oct.	19	02 00
Abbotsinch ..	5	9	5	55	260	1,989	4,258	2,244	0	260	55	25	Oct.	19	03	92	41	Oct.	19	02 45
Eskdalemuir ..	8	35	40	92	585	2,526	3,567	2,047	0	210	45	20	Jan.	11	11	87	39	Oct.	19	08 00
2. South Shields ..	7	33	14	78	480	2,631	3,920	1,692	4	340	54	24	Jan.	26	01	87 / 87	39 / 39	Jan. / Jan.	25 / 26	23 50 / 00 05
Catterick ..	2	5	3	34	203	1,411	4,424	2,717	0	270	40	18	Oct.	19	11	75	33	Oct.	19	10 50
Cranwell ..	1	1	3	54	338	2,791	4,470	1,160	0	310	40	18	Jan.	26	03	69	31	Jan.	26	02 00
3. Gorleston ..	3	13	12	79	565	3,104	4,325	753	0	150 / 360	43 / 43	19 / 19	Feb. / May	27 / 14	12 / 20	66	29	Sept.	17	04 20
Felixstowe Aero.	2	5	4	76	514	3,351	4,152	738	0	200	45	20	Sept.	17	04	72	32	Sept.	17	02 40
Cardington ..	14	67	33	99	820	3,459	3,677	690	47	200	53	24	Sept.	17	04	88	39	Sept.	17	03 05
§Shoeburyness ..	12	30	20	119	873	4,158	3,363	336	0	220	50	22	Sept.	17	04	73	33	Sept.	17	03 55
4. Birmingham ..	0	0	0·5	34	166	2,743	5,151	700	0	240	38	17	Feb.	16	16	72	32	Feb.	16	18 20
5. London (S. Kens.)	0	0	0	4	13	1,723	6,322	702	0	340 / 120 / 240	} 27	12	Jan. / Mar. / Sept.	4 / 9 / 17	14 / 12 / 04	66	29	Oct.	19	13 00
Kew Obsy. ..	0	0	0·1	20	95	2,083	5,025	1,557	0	210	36	16	Sept.	17	03	69	31	Sept.	17	02 50
Croydon ..	0	0	4	55	371	2,969	4,177	1,243	0	260	38	17	Feb.	16	20	72	32	Feb.	16	19 05
Dover	6	14	18	105	839	3,567	3,683	631	26	—	44	20	Sept.	17	05	72	32	Sept.	17	07 35
Lympne ..	6	14	17	82	583	3,099	4,637	427	0	230	46	21	Sept.	17	05	77	34	Sept.	17	03 50
Calshot	10	26	22	97	593	3,370	3,706	1,051	14	200	51	23	Sept.	17	01	81	36	Sept.	17	02 10
Boscombe Down	2	5	3	55	300	2,232	4,410	1,813	0	200	42	19	Sept.	16	24	70	31	Sept.	17	00 30
Larkhill ..	6	11	10	65	475	2,551	4,196	1,527	0	230	47	21	Sept.	17	02	80	36	Sept.	17	01 25
7a. §Fleetwood ..	15	88	78	111	920	3,232	3,683	671	166	290	52	23	Oct.	19	14	79	35	Oct.	19	04 50
Manchester (Barton)	14	76	45	96	636	3,140	3,572	1,323	13	290	50	22	Oct.	19	14	75	33	Oct.	19	10 55
Southport ..	14	76	105	102	966	2,709	4,388	621	0	270	54	24	Oct.	19	11	77	34	Oct.	19	13 00
Liverpool ..	19	141	52	88	765	3,073	3,849	770	162	270	52	23	Oct.	19	13	88	39	Oct.	19	13 55
7b. Holyhead ..	19	104	91	120	933	3,646	3,281	796	0	300	52	23	Feb.	16	20	82	37	Jan.	25	10 35
Sealand	2	5	7	49	290	1,996	4,638	1,831	0	280	49	22	Feb.	16	21	75	33	Feb.	16	20 25
8b. Plymouth ..	16	56	48	90	573	3,156	3,725	1,102	148	—	53	24	Sept.	16	24	74	33	Sept.	16	23 05
The Lizard ..	38	227	227	179	1,613	3,743	2,460	717	0	240	63	28	Sept.	16	24	92	41	Sept.	16	21 00
Pendennis Castle	36	200	271	160	1,318	3,412	3,000	830	0	220	64	29	Sept.	16	24	98	44	Sept.	16	23 10
9. Dunfanaghy Rd.	22	119	63	87	640	2,031	3,470	2,467	33	—	57	25	Oct.	19	04	90	40	Oct.	19	00 50
Aldergrove ..	1	1	1	31	149	2,327	4,965	1,318	0	320	40	18	Jan.	25	23	77	34	Jan.	25	23 00
10. Kingstown ..	23	93	60	143	1,192	3,450	3,337	688	0	250 / 30	} 48	21	Feb. / Feb.	16 / 25	18 / 08	—	—	—	—	—
Quilty	5	33	44	92	805	3,615	3,483	824	0	—	49	22	Jan.	25	15	85	38	Jan.	25	15 00
Valentia Obsy. ..	5	11	16	92	632	3,668	3,418	1,031	0	330	41	18	Jan.	25	19	82	37	Jan.	25	14 10
Cork	0	0	0	5	20	783	4,184	3,534	239	—	32	14	Feb.	26	21	59	26	Jan.	25	10 30
11. St. Mary's ..	37	224	139	175	1,805	3,932	2,438	361	0	260	66	29	Sept.	16	23	96	43	Sept.	16	21 45

¶ First year of analysis (see Table X) to date. ‡ Brackets ( ) indicate that the distribution as between winds above and below 4 mi/hr. is doubtful, but the total number of hours with winds below 12 mi/hr. is reliable. § *See* Notes Column of Table X. * *See* Note below.

NOTES.

Lerwick Observatory.
At the end of September, 1929, a serious defect was discovered in the pressure pipe, the effect of which was to render the velocity, as recorded by the instrument, substantially too low. Data published prior to October, 1929, are therefore unreliable. Instrument defective from 11th January to 6th February, 1935.

Aberdeen Observatory.
In July, 1930, the completion of a rather extensive housing scheme in the area immediately to the north of the Dines Pressure Tube Anemometer effected a serious deterioration in the exposure of this instrument. Data published in Table II of the Monthly Weather Report in 1931 were from the Dines Pressure Tube Anemometer and are therefore defective. They may differ from the true values by an amount depending upon the wind direction. In Tables XI, XII and XVI, data from the Robinson Cup Anemograph, adjusted to agree with the Dines Pressure Tube Anemometer before the deterioration of the exposure, were printed in the Annual Summary for 1931. Since January, 1932, similar data have been printed in all tables except for the highest gusts given in Table II, which are from the Dines Pressure Tube Anemometer. This instrument was transferred to a new site on 6th April, 1933.

Spurn Head.
Instrument defective from 1st January to 20th February, 1935, and from 25th March to 30th April, 1935.

Dover.
The instrument is installed on the Prince of Wales pier with the vane at a height of 32 feet above the pier floor and 66 feet above Mean Sea Level; the range of tide is about 14 feet (neaps) and 18 feet (springs).

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	(237)*	(258)*	160	109	88	24	145	50	54	314	217	103	(1759)	(78)*	(67)*	34	12	18	0	10	0	0	61	35	20	(335)
Kirkwall ..	211	247	123	137	42	29	117	29	15	222	187	70	1429	62	45	38	18	13	0	12	1	0	46	7	3	245
§Butt of Lewis ..	259	301	169	131	60	61	162	51	91	411	(158)	—	—	75	96	40	39	10	0	2	2	1	97	(50)	—	—
1. Aberdeen ..	83	81	17	64	18	2	21	5	20	(65)	27	33	436	6	7	0	4	1	0	0	0	1	7	0	3	29
Bell Rock ..	162	233	76	119	43	13	27	12	75	206	138	63	1167	35	50	2	14	8	0	0	0	24	45	11	1	190
6*a*.Tiree	168	267	52	92	25	2	4	23	103	254	116	116	1222	49	61	0	0	1	0	0	0	12	49	7	4	183
Abbotsinch ..	83	182	49	38	6	9	27	12	63	118	56	13	656	14	20	2	9	0	0	0	0	9	31	3	0	88
Eskdalemuir ..	139	196	70	73	21	40	51	8	93	145	66	58	960	26	44	9	18	1	1	0	0	6	30	4	7	146
2. Catterick ..	70	109	22	73	10	17	5	5	50	79	18	23	481	9	20	2	8	1	1	0	0	16	17	0	0	74
Spurn Head ..	(60)*	—*	—*	—*	52	34	56	3	87	119	59	61	—	(19)*	—*	—*	—*	7	5	4	0	24	25	2	1	—
Cranwell.. ..	51	119	17	73	17	32	15	1	54	80	17	13	489	10	8	0	11	0	3	0	1	13	16	1	0	63
3. Gorleston ..	47	103	(46)	67	49	25	2	3	44	64	50	54	554	2	8	0	2	4	3	0	0	5	1	2	0	27
Felixstowe ..	46	(127)	70	65	69	(43)	3	2	81	117	51	63	737	5	6	1	2	0	0	0	0	18	3	1	1	37
Cardington ..	71	182	25	86	40	50	6	1	70	110	36	44	721	16	24	1	18	1	10	0	0	22	23	3	2	120
§Shoeburyness ..	52	(70)	73	86	52	36	4	5	65	116	48	72	679	4	(16)	5	4	1	3	0	0	17	5	0	1	56
5. London (S. Ken.)	33	84	38	61	29	18	0	0	46	85	11	32	437	1	8	0	1	0	2	0	0	7	1	0	0	20
Kew	41	103	31	64	43	29	0	1	45	64	13	42	476	1	6	1	3	0	1	0	0	10	1	0	0	23
Croydon	38	138	39	79	24	27	1	1	49	89	31	76	592	3	15	1	1	0	3	0	0	9	1	1	0	34
Lympne	65	137	41	108	88	49	1	17	82	103	69	77	837	11	30	0	4	0	0	0	1	17	9	4	9	85
Calshot	57	130	19	87	17	59	2	5	72	89	65	50	652	7	21	0	7	0	2	0	0	14	2	5	4	62
Boscombe Down	52	150	25	52	8	26	0	2	57	99	42	68	581	7	9	0	3	0	0	0	0	11	6	2	3	41
Larkhill	52	154	35	61	24	28	0	0	48	88	48	76	614	7	17	0	3	0	1	0	0	10	4	2	8	52
7*a*.Manchester ..	96	177	75	91	25	28	47	0	68	119	42	63	831	24	41	4	11	2	2	0	0	11	42	2	6	145
Southport ..	94	171	37	96	16	29	37	1	102	158	66	74	881	27	10	0	4	0	0	1	0	9	42	2	19	114
7*b*.Holyhead ..	139	184	50	91	28	28	7	10	102	209	114	129	1091	45	20	0	7	1	0	0	0	6	50	12	24	165
Sealand	103	115	13	78	3	15	9	0	35	99	19	58	547	13	22	0	11	0	0	0	0	2	27	1	6	82
8*b*.The Lizard ..	138	285	98	169	45	49	6	11	84	184	198	209	1476	45	57	15	16	5	4	0	0	22	23	24	59	270
Pendennis Castle	108	230	(94)	172	40	69	12	9	87	168	151	149	1289	30	46	(4)	35	1	11	0	0	31	26	20	20	224
9. Aldergrove ..	54	86	8	36	11	14	2	1	27	81	24	23	367	10	2	0	4	0	0	0	0	0	21	0	1	38
10. Valentia ..	103	206	108	94	22	52	5	12	102	122	113	121	1060	35	25	2	6	0	0	0	0	5	4	20	13	110
11. St. Mary's ..	144	272	105	140	48	32	4	23	115	183	170	195	1431	40	49	10	6	11	3	0	1	19	1	18	48	206

‡ Brackets () indicate doubtful values owing to defective record.

* *See* Note p. 191. § *See* Notes Column of Table X.

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	7*	11*	7	3	2	0	1	1	0	7	6	2	47	22*	22*	19	16	12	10	17	10	16	29	20	10	203
Kirkwall ..	3	2	0	3	1	0	0	0	0	0	0	0	9	14	19	11	10	2	7	6	4	3	17	14	7	114
§Butt of Lewis ..	10	14	4	3	2	0	0	1	1	12	5	—	52	25	25	18	15	10	12	21	12	12	25	19	—	194
1. Aberdeen ..	0	0	0	1	0	0	0	0	0	0	0	0	1	6	10	4	7	1	1	3	0	2	5	10	6	55
Balmakewan ..	0	0	0	0	0	0	0	0	0	0	0	0	0	4	5	1	1	1	0	0	0	1	4	0	0	17
Bell Rock ..	6	11	2	3	2	1	1	0	3	9	5	2	45	18	22	16	15	13	15	15	7	18	25	19	16	199
Edinburgh ..	0	1	0	0	0	0	0	0	0	2	0	0	3	6	12	5	4	0	3	1	1	3	7	5	0	47
6*a*.Tiree	5	8	0	1	1	0	0	0	1	5	2	0	23	16	22	9	10	7	2	2	3	10	24	15	10	130
Paisley	0	0	0	0	0	0	0	0	0	0	0	0	0	1	6	1	1	0	0	0	0	1	3	0	0	13
Abbotsinch ..	0	0	1	2	0	0	0	0	1	1	0	0	5	9	15	5	4	0	0	2	1	2	13	3	1	55
Eskdalemuir ..	3	2	0	1	0	0	0	0	0	2	0	0	8	12	15	8	6	3	7	3	3	8	15	6	6	92
2. South Shields ..	2	1	0	0	3	0	0	0	0	1	0	0	7	10	14	5	8	6	1	5	1	9	8	7	4	78
Catterick ..	0	0	0	0	0	0	0	0	1	1	0	0	2	4	9	3	5	1	1	1	0	3	5	1	1	34
Spurn Head ..	1*	—*	—*	—*	1	0	1	0	3	2	1	1	10	7*	—*	—*	—*	10	6	12	3	13	13	14	12	—
Cranwell.. ..	1	0	0	0	0	0	0	0	0	0	0	0	1	6	13	2	8	2	3	2	0	6	8	3	1	54
3. Gorleston ..	0	1	0	0	1	0	0	0	1	0	0	0	3	6	10	4	8	7	6	0	3	6	10	12	7	79
Felixstowe Aero.	0	0	0	0	0	0	0	0	2	0	0	0	2	3	11	5	7	9	4	0	0	8	9	12	8	76
Cardington ..	2	2	0	2	0	1	0	0	2	4	1	0	14	8	20	5	10	6	5	3	0	11	11	9	11	99
§Shoeburyness ..	1	2	1	1	1	0	0	0	2	2	2	0	12	6	20	6	12	12	8	0	2	12	13	16	12	119
4. Birmingham ..	0	0	0	0	0	0	0	0	0	0	0	0	0	5	9	2	3	0	1	0	0	4	5	3	2	34
5. S. Kensington ..	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	1	0	0	0	4
Kew Obsy. ..	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	2	2	2	2	0	0	2	1	0	2	20
Croydon.. ..	0	0	0	0	0	0	0	0	0	0	0	0	0	4	14	4	5	1	3	0	0	3	9	4	8	55
Dover	0	0	1	0	0	0	0	0	2	1	0	2	6	5	12	6	9	14	5	1	3	11	11	14	14	105
Lympne	0	4	0	0	0	0	0	0	1	1	0	0	6	5	13	6	10	11	6	0	1	7	10	8	5	82
Calshot	1	3	0	1	0	0	0	0	3	1	0	1	10	6	15	5	13	6	7	2	2	9	11	12	9	97
Boscombe Down	0	0	0	0	0	0	0	0	2	0	0	0	2	4	14	0	5	0	3	0	0	6	7	10	6	55
Larkhill	0	2	0	0	0	0	0	0	2	0	1	1	6	4	16	4	5	5	2	0	0	6	9	6	8	65
7*a*.§Fleetwood ..	3	(2)	0	1	0	0	0	0	1	4	1	3	15	15	(16)	9	11	6	2	9	4	12	14	6	7	111
Manchester (Barton) ..	1	4	1	2	0	0	0	0	1	3	1	1	14	10	18	8	10	5	5	5	0	7	11	8	9	96
Southport ..	3	1	0	0	0	0	0	0	1	5	1	3	14	12	17	8	9	4	2	6	2	11	16	8	7	102
Liverpool ..	3	5	1	1	0	0	0	0	2	3	1	3	19	12	15	6	11	1	2	6	0	7	12	10	6	88
7*b*.Holyhead ..	4	2	0	0	1	0	0	0	1	4	3	4	19	15	21	5	9	14	2	2	2	10	17	12	11	120
Sealand	1	1	0	0	0	0	0	0	0	0	0	0	2	10	10	1	8	0	0	2	0	2	9	3	4	49
8*b*.Plymouth ..	1	4	0	1	0	0	0	0	3	1	4	2	16	3	15	6	12	4	7	1	1	10	11	11	9	90
The Lizard ..	3	10	2	4	1	1	0	0	4	3	5	5	38	13	26	12	17	11	9	4	7	18	18	22	22	179
Pendennis Castle	2	9	2	4	0	3	0	0	4	4	4	4	36	11	22	12	17	11	14	2	4	19	16	15	17	160
9. Dunfanaghy Road	4	8	2	2	0	0	0	0	1	5	0	0	22	13	18	7	4	0	3	5	4	7	12	8	6	87
Aldergrove ..	1	0	0	0	0	0	0	0	0	0	0	0	1	5	12	0	2	1	2	0	0	1	5	2	1	31
10. Kingstown ..	3	6	1	0	1	0	0	0	2	5	4	1	23	14	22	13	11	7	4	5	1	12	19	17	18	143
Quilty	1	1	0	0	0	0	0	0	0	2	1	0	5	6	18	7	9	3	4	1	1	7	13	12	11	92
Valentia Obsy. ..	2	1	0	0	0	0	0	0	1	0	1	0	5	9	19	7	9	2	7	0	1	7	13	9	9	92
Cork	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	1	0	0	0	0	0	0	1	0	5
11. St. Mary's ..	4	9	3	3	1	1	0	1	2	2	5	6	37	16	27	12	18	8	4	1	7	18	20	22	22	175

† A day is counted in the first division of Table XIIB, if the mean speed for at least one complete period of 60 minutes ending at an exact hour of G.M.T. exceeds 38 mi/hr. or 17·1 m/s. All days in the first division are also included in the second, which contains days on which the mean speed for any such period exceeds 24 mi/hr. or 10·7 m/s. § *See* Notes Column of Table X. * *See* Note p. 191.

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. (18 lb. 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 11th	12	200	53	24	11	35	78	35	2h. to 15h. on 11th.
	,, 23rd	8	290	55	25	07	25	83	37	1h. to 13h. on 23rd.
	,, 24th	22	280	50	23	21	35	83	37	21h. on 24th to 2h. on 25th.
	,, 26th	3	350	48	21	02	30	72	32	24h. on 25th to 9h. on 26th; 11h. to 13h. on 26th.
	February 1st	22	280	50	22	23	55	76	34	17h. on 1st to 4h. on 2nd.
	,, 2nd	3	280	54	24	01	00	89	40	17h. on 1st to 4h. on 2nd.
	,, 19th	4	210	47	21	03	40	67	30	24h. on 18th to 5h. on 19th.
	May 15th	13	20	48	21	12	20	72	32	13h. to 17h. on 15th.
	October 14th	10	270	49	22	09	55	76	34	7h. to 13h. on 14th.
§Butt of Lewis	January 10th	20, 21	210	49	22	20	45	71	32	2h. to 5h. on 10th; 17h. on 10th to 9h. on 11th.
	,, 11th	6	190	55	25	05	20	72	32	17h. on 10th to 9h. on 11th.
	,, 24th	21	270	54	24	21	25	84	38	18h. on 24th to 11h. on 25th.
	,, 25th	21	360	60	27	04	15	100	45	18h. on 24th to 11h. on 25th; 18h. on 25h. to 11h. on 26th.
	,, 26th	3	350	47	21	05	15	72	32	18h. on 25th to 11h. on 26th.
	February 1st	23, 24	270	49	22	21 50, 22 25		68	30	6h. to 9h. on 1st; 12h. on 1st to 10h. on 2nd.
	,, 2nd	5	290	50	22	04	45	88	39	12h. on 1st to 10h. on 2nd.
	,, 14th	6	350	48	21	05	15	76	34	5h. to 7h. on 14th; 23h. on 14th to 4h. on 15th.
	,, 18th	22	210	48	21	21	30	65	29	20h. on 17th to 5h. on 18th; 21h. on 18th to 2h. on 19th.
	,, 19th	01, 02	210	48	21	01	00	63	28	21h. on 18th to 2h. on 19th.
	,, 21st	17	250	47	21	17	10	69	31	13h. on 21st to 2h. on 22nd.
	March 31st	24	300	48	21	19	35	73	33	19h. on 31st to 3h. on 1st.
	April 1st	2	290	48	21	01	25	72	32	19h. on 31st to 3h. on 1st.
	,, 17th	3	50	47	21	07	15	63	28	1h. to 12h. on 17th.
	October 14th	4	260	51	23	02	40	64	29	24h. on 13th to 8h. on 14th; 13h. to 14h. on 14th.
	,, 18th	17	200	55	25	17	20	86	38	14h. on 18th to 4h. on 19th.
	,, 19th	2	240	54	24	00	50	76	34	14h. on 18th to 4h. on 19th; 5h. on 19th to 5h. on 20th.
	,, 30th	10	250	56	25	09	30	83	37	22h. on 29th to 3h. on 30th; 8h. to 16h. on 30th.
1. Bell Rock ..	January 11th	9	210	49	22	08	10	71	32	20h. on 10th to 13h. on 11th.
	,, 24th	23	260	53	24	21	30	72	32	21h. on 24th to 2h. on 25th.
	,, 25th	23	340	59	26	22	35	89	40	21h. on 24th to 2 h. on 25th; 23h. on 25th to 1h. on 26th.
	,, 26th	6	350	48	21	04	10	70	31	23h. on 25th to 1h. on 26th; 3h. to 7h. on 26th; 13h. on 26th; 23h. on 26th to 1h. on 27th.
	February 1st	20	270	49	22	19 20, 20 10		63	28	19h. to 23h. on 1st.
	,, 12th	4	240	47	21	03	10	64	29	2h. to 6h. on 12th.
	,, 14th	10	290	48	21	05	10	70	31	2h. on 14th; 6h. to 11h. on 14th.
	,, 18th	24	230	48	21	23	05	62	28	22h. on 18th to 2h. on 19th.
	,, 21st	12	250	50	22	12	05	73	33	1h. to 22h. on 21st.
	,, 25th	5, 6	50, 40	48	21	05	00	64	29	1h. to 10h. on 25th.
	,, 27th	7	170	49	22	06	55	61	27	4h. to 16h. on 27th.
	April 10th	15	240	54	24	14	15	76	34	11h. to 16h. on 10th.
	May 15th	20	10	49	22	19	25	62	28	18h. to 24h. on 15th.

† For the years 1900 to 1904 the table of " Strong Gales " was given in the Annual Report of the Meteorological Council, for 1905, 1906 and 1907 in the Annual Summary of the Monthly Weather Report for those years and for 1908 to 1913 in an appendix to the Weekly Weather Report. Prior to 1908 the limit of velocity was taken to be 44 miles per hour.

* *See* Note, page 191. § *See* **Notes,** column of Table X.

TABLE XIII (*continued*).—OCCASIONS ON WHICH THE MAXIMUM HOURLY MEAN WIND was 47 mi/hr. (20·8 m/s.) or more.

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.	
1. **Bell Rock** (cont.)	September 19th	16	250	59	26	15	55	82	37	2h. to 3h. on 19th; 6h. on 19th to 4h. on 20th.
	,, 20th	3	250	50	22	02	15	64	29	6h. on 19th to 4h. on 20th.
	October 17th	9	250	58	26	08	45	75	33	7h. to 10h. on 17th; 23h. to 24h. on 17th.
	,, 18th	21	240	51	23	20	45	82	37	18h. on 18th to 14h. on 19th.
	,, 19th	4	240	68	30	03	55	101	45	18h. on 18th to 14h. on 19th; 20h. to 21h. on 19th; 24h. on 19th.
	,, 30th	10	230	48	21	09	15	66	29	24h. on 29th to 2h. on 30th; 4h. to 5h. on 30th; 8h. to 13h. on 30th; 22h. on 30th.
6*a*. **Tiree**	January 25th	24	340	48	21	03	50	82	37	24h. on 24th to 11h. on 25th; 13h. on 25th; 19h. on 25th to 10h. on 26th.
	October 18th	24	230	60	27	24	00	90	40	17h. on 18th to 15h. on 19th.
	,, 19th	1	230	59	26	00	30	84	38	17h. on 18th to 15h. on 19th.
Abbotsinch ..	October 19th	3	260	55	25	02	45	92	41	3h. to 7h. on 19th.
2. **South Shields**	January 26th	1	340	54	24	00	05	87	39	1h. to 2h. on 26th; 11h. to 20h. on 26th.
	May 16th	1	340	48	21	00	05	66	29	23h. on 15th to 4h. on 16th.
Spurn Head ..	October 19th	13	280	50	22	12	05	78	35	9h. to 20h. on 19th.
3. **Cardington** ..	February 16th	14	230	48	21	14	30	75	33	10h. to 19h. on 16th; 22h. to 24h. on 16th.
	September 17th	4	200	53	24	03	05	88	39	1h. to 9h. on 17th.
§**Shoeburyness**	March 9th	12	60	47	21	10	45	63	28	9h. to 16h. on 9th.
	September 17th	4	220	50	22	03	55	73	33	2h. to 6h. on 17th.
5. **Calshot** ..	September 16th	24	200	47	21	23	45	80	36	20h. to 21h. on 16th; 23h. on 16th to 6h. on 17th.
	,, 17th	1	200	51	23	02	10	81	36	23h. on 16th to 6h. on 17th.
Larkhill ..	September 17th	2	230	47	21	01	25	80	36	24h. on 16th to 5h. on 17th.
7*a*. §**Fleetwood** ..	January 25th	10	310	51	23	11	15	70	31	5h. to 21h. on 25th.
	February 16th	21	320	48	21	21	05	65	29	21h. to 23h. on 16th.
	September 17th	9	310	49	22	08	10	63	28	8h. to 13h. on 17th.
	October 19th	14	290	52	23	04	50	79	35	24h. on 18th to 2h. on 19th; 5h. to 23h. on 19th.
	December 1st	18	300	51	23	17	55	76	34	1h. and 2h. on 1st; 4h. to 7h. on 1st; 17h. to 22h. on 1st.
Manchester ..	October 19th	14	290	50	22	10	55	75	33	4h. to 19h. on 19th.
Southport ..	October 19th	11	270	54	24	13	00	77	34	24h. on 18th to 21h. on 19th.
	December 1st	19	290	48	21	17	50	70	31	5h. and 6h. on 1st; 17h. to 21h. on 1st.
Liverpool ..	January 25th	12	300	47	21	15	00	87	39	2h. to 7h. on 25th; 9h. to 18h. on 25th.
	February 16th	20	270	48	21	17	10	79	35	8h. to 12h. on 16th; 15h. to 21h. on 16th.
	September 17th	8	280	48	21	07	50	76	34	6h. to 13h. on 17th.
	October 19th	13	270	52	23	13	55	88	39	1h. to 21h. on 19th.
	November 30th	21	280	47	21	20	10	78	35	20h. to 22h. on 30th.
	December 1st	19	280	49	22	18	30	80	36	17h. to 22h. on 1st.
7*b*. **Holyhead** ..	January 25th	{22 23}	320	49	22	10	35	82	37	6h. to 20h. on 25th; 22h. on 25th to 7h. on 26th.
	,, 26th	1	330	49	22	01	35	77	34	22h. on 25th to 7h. on 26th; 9h. on 26th.
	February 16th	20	300	52	23	19	25	77	34	19h. to 22h. on 16th.
	October 19th	14	270	48	21	06	25	76	34	1h. on 19th; 4h. on 19th to 3h. on 20th.
	December 1st	17	280	48	21	15	50	71	32	16h. to 22h. on 1st.
Sealand ..	February 16th	21	280	49	22	20	25	75	33	21h. to 22h. on 16th.
8*b*. **Plymouth** ..	February 27th	4	—	48	21	03	30	66	29	1h. to 5h. on 27th.
	September 16th	24	—	53	24	23	05	74	33	15h. to 19h. on 16th; 21h. on 16th to 5h. on 17th.
	,, 17th	1	—	53	24	00	40	72	32	21h. on 16th to 5h. on 17th.
	November 11th	21	—	48	21	20	35	60	27	19h. to 22h. on 11th.

TABLE XIII (*continued*).—OCCASIONS ON WHICH THE MAXIMUM HOURLY MEAN WIND WAS 47 mi/hr. (20·8 m/s.) or more.

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.	
The Lizard ..	January 11th	15	210	50	22	15	55	67	30	9h. to 16h. on 11th.
	„ 25th	21	290	51	23	16	15	84	38	1h. on 25th; 4h. on 25th to 13h. on 26th.
	February 16th	17	250	49	22	19	00	70	31	23h. on 15th to 1h. on 16th; 11h. to 21h. on 16th.
	„ 22nd	8	310	47	21	07	05	74	33	7h. to 9h. on 22nd.
	„ 24th	21	230	49	22	19	35	76	34	18h. to 24h. on 24th.
	„ 27th	2	140	51	23	02	00	74	33	22h. on 26th to 3h. on 27th.
	March 1st	17	280	47	21	22	35	75	33	16h. to 19h. on 1st; 21h. on 1st to 2h. on 2nd.
	April 10th	1	200	48	21	00	25	65	29	20h. on 9th to 3h. on 10th; 10h. to 23h. on 10th.
	September 16th	24	240	63	28	21	00	92	41	15h. to 18h. on 16th; 19h. on 16th to 8h. on 17th.
	„ 17th	1	250	61	27	00	35	84	38	19h. on 16th to 8h. on 17th.
	November 30th	20	250	52	23	19	45	72	32	9h. to 11h. on 30th; 10h. on 30th to 3h. on 1st.
	December 30th	15	250	48	21	10	15	70	31	8h. to 12h. on 30th; 13h. to 22h. on 30th.
Falmouth ..	January 11th	14	240	48	21	15	15	65	29	11h. to 15h. on 11th.
	February 16th	13	250	51	23	11	00	69	31	8h. to 19h. on 16th.
	„ 20th	11	220	51	23	10	50	67	30	5h. to 15h. on 20th; 23h. on 20th.
	„ 26th	24	150	51	23	23	35	(63)	28	20h. on 26th to 4h. on 27th.
	„ 27th	3	140	57	25	02	50	(68)	30	20h. on 26th to 4h. on 27th.
	April 9th	24	220	52	23	23	05	67	30	1h. to 2h. on 9th; 16h. on 9th to 3h. on 11th.
	„ 10th	1	220	53	24	01	10	70	31	16h. on 9th to 3h. on 11th.
	June 7th	12	230	51	23	11	30	73	33	8h. to 18h. on 7th.
	September 16th	24	220	64	29	23	10	98	44	15h. on 16th to 6h. on 17th.
	„ 17th	2	230	57	25	01	50	88	39	15h. on 16th to 6h. on 17th.
	November 30th	20	270	47	21	18	20	71	32	17h. to 22h. on 30th.
	December 29th	19	200	48	21	19	05	69	31	18h. to 20h. on 29th.
	„ 30th	11	230	47	21	14	30	71	32	8h. to 18h. on 30th.
9. Dunfanaghy ..	January 24th	20	—	50	22	23	30	71	32	17h. to 22h. on 24th; 24h. on 24th.
	February 1st	18	—	50	22	11	55	70	31	4h. to 21h. on 1st; 23h. on 1st to 1h. on 2nd.
	„ 11th	24	—	48	21	23	25	73	33	23h. on 11th to 1h. on 12th.
	„ 16th	6	—	48	21	05	30	70	31	2h. to 7h. on 16th; 11h. on 16th.
	October 18th	24	—	50	22	23	45	78	35	17h. on 18th to 15h. on 19th.
	„ 19th	4	—	57	25	00	50	90	40	17h. on 18th to 15h. on 19th.
	„ 27th	8	—	48	21	06	50	68	30	6h. to 18h. on 27th.
10. Kingstown ..	February 16th	18	250	48	22	—	—	—	—	18h. on 16th.
	„ 25th	7 and 8	30	48 and 48	21 and 22	—	—	—	—	7h. to 8h. on 25th.
Quilty ..	January 25th	15	—	49	22	15	00	85	38	7h. to 21h. on 25th.
11. Scilly	January 25th	16	310	50	22	16	50	79	35	1h. on 25th; 3h. to 16h. on 25th; 17h. on 25th to 12h. on 26th.
	„ 26th	3	340	50	22	02	40	71	32	17h. on 25th to 12h. on 26th; 14h. to 20h. on 26th.
	February 22nd	6	330	47	21	05	20	68	30	6h. to 8h. on 22nd.
	„ 26th	24	170	48	21	23	40	70	31	21h. to 24h. on 26th.
	March 1st	21	310	50	22	20	45	73	33	14h. on 1st to 2h. on 2nd.
	May 17th	20	340	64	29	19	05	90	40	14h. to 23h. on 17th.
	September 16th	23	260	66	29	21	45	96	43	15h. to 16h. on 16th; 18h. on 16th to 8h. on 17th.
	„ 17th	1	270	58	26	00	05	83	37	18h. on 16th to 8h. on 17th.
	November 13th	8	300	47	21	07	40	65	29	7h. to 10h. on 13th.
	„ 30th	22	270	50	22	22	45	70	31	16h. on 30th to 8h. on 1st.
	December 1st	7	270	52	23	07	45	72	32	16h. on 30th to 8h. on 1st; 12h. to 13h. on 1st; 17h. on 1st to 10h. on 2nd.
	„ 6th	8	330	47	21	07	15	68	30	7h. to 9h. on 6th.
	„ 30th	14	290	49	22	13	25	68	30	9h. to 10h. on 30th; 12h. to 21h. on 30th.

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. (9 lb. 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. 3, 4, 10, 11, 22, 23, 24, 25, 26; Feb. 1, 2, 3, 12, 15, 16, 17, 18, 19, 21, 22, 23, 26, 27, 28; Mar. 3, 4, 5, 6, 20, 25, 26, 31; Apl. 1, 4, 10, 16, 17; May 15, 17; July 21, 28; Oct. 5, 12, 13, 14, 16, 17, 18, 19, 20, 26, 30, 31; Nov. 1, 5, 25, 26, 27, 28, 29, 30; Dec. 14, 15, 25, 26, 27.
Kirkwall	Jan. 3, 4, 10, 11, 22, 23, 24, 25, 26, 31; Feb. 1, 2, 3, 5, 15, 18, 21, 27; Mar. 20, 25, 26, 31; Apl. 1, 3, 4, 5, 16, 17; May 15, 17; July 27, 28; Aug. 29; Oct. 14, 16, 17, 18, 19, 20, 26, 30, 31; Nov. 12, 25, 26, 27, 28, 30; Dec. 2.
§Butt of Lewis	Jan. 3, 4, 10, 11, 22, 23, 24, 25, 26, 31; Feb. 1, 2, 3, 4, 5, 11, 14, 15, 17, 18, 19, 20, 21, 22, 26, 27; Mar. 4, 5, 25, 26, 31; Apl. 1, 4, 5, 17; May 15, 17; July 27, 28; Aug. 29; Sept. 29; Oct. 5, 7, 13, 14, 15, 16, 17, 18, 19, 20, 26, 29, 30, 31; Nov. 2, 12, 14, 25, 26, 27, 28.
1 Aberdeen	Jan. 11, 24, 25, 26; Feb. 2, 14, 19, 21, 27; Apl. 1; May 15; Sept. 19; Oct. 19, 20; Dec. 2.
Balmakewan	Jan. 25; Feb. 14; Oct. 19.
Bell Rock	Jan. 10, 11, 24, 25, 26, 27; Feb. 1, 2, 6, 12, 14, 18, 19, 21, 23, 25, 27; Mar. 26; Apl. 1, 4, 10, 11; May 15, 16; June 7; Sept. 17, 19, 20; Oct. 17, 18, 19, 20, 29, 30, 31; Nov. 12, 25, 26; Dec. 24.
Edinburgh	Jan. 11, 24, 25; Feb. 1, 12, 18, 19, 21; Apl. 10; Oct. 17, 18, 19, 29, 30.
6aTiree	Jan. 4, 10, 11, 24, 25, 26, 31; Feb. 1, 2, 11, 13, 14, 18, 20, 21, 26, 27; May 15; Sept. 19; Oct. 17, 18, 19, 20, 29, 30, 31; Nov. 2, 12, 26, 29; Dec. 1, 2.
Paisley	Jan. 10, 11, 25; Feb. 1, 2, 11, 12, 13, 14, 17, 18, 19, 21; Mar. 25, 31; Apl. 10, 11; Sept. 19; Oct. 17, 18, 19, 29, 30.
Abbotsinch	Jan. 10, 11, 24, 25; Feb. 1, 2, 11, 12, 14, 16, 18, 19, 21; Mar. 25; Apl. 10, 11; Sept. 19; Oct. 17, 18, 19, 29, 30; Nov. 12, 29.
Eskdalemuir	Jan. 3, 4, 11, 24, 25, 26, 31; Feb. 1, 2, 12, 14, 15, 16, 18, 19, 20, 21, 25; Mar. 25, 26; Apl. 10, 11; May 15; June 7; Sept. 17, 19; Oct. 13, 18, 19, 27, 29, 30; Nov. 26, 28; Dec. 1, 2, 3.
2 South Shields	Jan. 25, 26, 27; Feb. 2, 14, 16, 23, 25; Apl. 1, 2, 10, 11; May 14, 15, 16; Sept. 19; Oct. 18, 19.
Catterick	Jan. 25, 26; Feb. 2, 15, 16, 21; Mar. 25; Apl. 10, 11; May 14; June 8; Sept. 19; Oct. 10, 18, 19, 29, 30.
*Spurn Head	Jan. 25, 26, 27; Feb. 14, 16, 21, 27; May 16; June 7, 8; July 4, 5; Sept. 16, 17, 19, 24, 25, 30; Oct. 10, 18, 19, 27, 29; Nov. 30; Dec. 1.
Cranwell	Jan. 11, 25, 26; Feb. 2, 16, 20; Apl. 2, 5, 10; June 7; Aug. 8; Sept. 17, 19; Oct. 10, 19, 29; Nov. 30.
3 Gorleston	Jan. 4, 11; Feb. 16, 17, 27; Apl. 2, 10; May 14; June 7; Sept. 17; Oct. 19; Nov. 17, 30.
Felixstowe	Jan. 11, 25, 26; Feb. 16, 17, 21; Mar. 9; Apl. 2; Sept. 16, 17, 19; Oct. 10, 19, 29; Nov. 30; Dec 1.
Cardington	Jan. 11, 25, 26; Feb. 2, 16, 20, 21, 24; Mar. 23; Apl. 10, 11, 16; June 7, 11; Sept. 14, 16, 17, 19; Oct. 10, 18, 19, 27, 29, 30, 31; Nov. 30; Dec. 1, 30.
§Shoeburyness	Jan. 25, 26; Feb. 16, 17, 20, 24, 25; Mar. 9; Apl. 10, 16; May 15; June 7, 25; Sept. 16, 17; Oct. 19, 27, 31; Dec. 16.
4 Birmingham	Jan. 25, 26; Feb. 2, 16; Apl. 1, 10; Sept. 16, 17, 19; Oct. 19; Nov. 30.
5 London (Sth. Kens.)	Jan. 26; Feb. 16, 20, 27; Apl. 2, 10; June 7; Sept. 17; Oct. 19.
Kew	Jan. 26; Feb. 16, 20, 24; Mar. 9; Apl. 3, 10; June 7; Sept. 16, 17, 19; Oct. 19.
Croydon	Jan. 25, 26; Feb. 16, 20, 24; Mar. 9; Apl. 10; June 7; Sept. 16, 17; Oct. 19; Nov. 30.
Dover	Jan. 26; Feb. 16, 24, 25; Mar. 9; Sept, 16, 17; Oct. 9, 10, 19, 30; Nov. 30; Dec. 10, 30.
Lympne	Jan. 11, 25, 26; Feb. 16, 20, 21, 22, 24, 25; Apl. 10, 11; Aug. 30; Sept. 16, 17, 19; Oct. 9, 10, 19, 30, 31; Nov. 30; Dec. 10, 30, 31.
Calshot	Jan. 11, 25, 26; Feb. 6, 20, 22, 24, 25, 27; Apl. 10; June 6, 7; Sept. 16, 17, 19; Oct. 31; Nov. 30; Dec. 29, 30.
Boscombe Down	Jan. 25, 26; Feb. 16, 20, 24; Apl. 10; Sept. 16, 17, 19; Oct. 19, 31; Nov. 30; Dec. 1, 29.
Larkhill	Jan. 25, 26; Feb. 2, 6, 16, 20; Apl. 10; June 7; Sept, 16, 17; Oct. 19, 31; Nov. 30; Dec. 10, 11, 16, 29.
7a§Fleetwood	Jan. 12, 24, 25, 26; Feb. 2, 16; Apl. 10; Sept. 14, 17, 19; Oct. 18, 19, 27, 29, 30; Nov. 30; Dec. 1, 2, 15, 16.
Manchester (Barton)	Jan. 11, 24, 25, 26; Feb. 1, 2, 3, 14, 16, 27; Mar. 11, 23; Apl. 10, 11; May 14; June 7; Sept. 14, 17, 19; Oct. 10, 18, 19, 27, 29; Nov. 28, 30; Dec. 1, 2, 16.
Southport	Jan. 11, 12, 25, 26; Feb. 1, 2, 16; Apl. 10; July 5; Sept. 17, 19; Oct. 10, 18, 19, 27, 29, 30; Nov. 30; Dec. 1, 2, 15, 16.
Liverpool (Bidston)	Jan. 1, 4, 11, 12, 24, 25, 26; Feb. 1, 2, 3, 11, 13, 14, 15, 16, 19, 27; Mar. 23; Apl. 1, 10, 11, 17; June 7; July 5; Sept. 15, 17, 19; Oct. 1, 10, 18, 19, 27, 29, 30; Nov. 30; Dec. 1, 2, 15, 16.
7bHolyhead	Jan. 11, 12, 25, 26; Feb. 6, 16, 18, 19, 26, 27; Apl. 10; May 15; Sept. 17; Oct. 1, 8, 18, 19, 20, 29, 30; Nov. 2, 11, 17, 18, 26, 30; Dec. 1, 2, 9, 15, 16.
Sealand	Jan. 12, 25, 26; Feb. 1, 2, 3, 16, 21; Apl. 1, 10; Sept. 17; Oct. 18, 19, 27, 29; Nov. 30; Dec. 1, 2, 16.
8bPlymouth	Jan. 11, 26; Feb. 6, 20, 22, 24, 25, 27; Sept. 16, 17; Oct. 8; Nov. 4, 9, 11, 15, 30; Dec. 29, 30.
The Lizard	Jan. 11, 12, 25, 26; Feb. 5, 6, 16, 20, 21, 22, 24, 25, 26, 27; Mar. 1, 2, 9; Apl. 9, 10, 16, 17; May 17; June 7; Sept. 16, 17, 18, 19; Oct. 10, 19, 20, 28, 29, 30; Nov. 3, 4, 9, 11, 13, 17, 30; Dec. 1, 2, 4, 5, 6, 15, 25, 29, 30, 31.
Pendennis Castle	Jan. 11, 12, 25, 26; Feb. 5, 6, 15, 16, 20, 21, 22, 24, 26, 27; Mar. 1; Apl. 6, 9, 10, 11, 14, 16, 17; May 17; June 7, 11; Sept, 1, 15, 16, 17, 18, 19, 29; Oct. 9, 10, 18, 19, 20, 27, 28, 29, 30; Nov. 3, 4, 9, 11, 30; Dec. 1, 2, 5, 15, 29, 30.
9 Dunfanaghy	Jan. 3, 10, 11, 12, 24, 25, 26; Feb. 1, 2, 3, 11, 12, 13, 14, 15, 16, 17, 19, 20, 21, 26; Mar. 3, 22, 25, 31; Apl. 10, 11; Aug. 29; Sept. 19; Oct. 17, 18, 19, 27, 29, 30; Nov. 26, 29, 30; Dec. 1, 2, 15, 16.
Aldergrove	Jan. 24, 25, 26; Feb. 16; Apl. 10, 11; Oct. 18, 19, 27, 29; Dec. 16.
10 Quilty	Jan. 11, 25; Feb. 16; Apl. 10; Oct. 19; Dec. 1, 2.
Valentia	Jan. 11, 12, 25, 26; Feb. 5, 16, 18, 19, 20, 21, 25, 26, 27; Mar. 1; Apl. 9, 10; Sept. 15, 16, 18; Oct. 18, 19; Nov. 2, 3, 19, 30; Dec. 1, 2, 23, 24, 29.
Cork	Jan. 11, 25; Feb. 26.
11 Scilly	Jan. 11, 12, 25, 26; Feb. 5, 6, 16, 20, 21, 22, 24, 25, 26, 27; Mar. 1, 2; Apl. 6, 10, 16, 17; May 17; June 7; Aug. 24; Sept. 16, 17, 30; Oct. 19, 28; Nov. 3, 4, 13, 17, 30; Dec. 1, 2, 4, 5, 6, 25, 29, 30.

§ *See* " Notes " column of Table X.

* *See* " Note " p. 191.

NOTE.

A short list of the noteworthy gales of the year is to be found on page 170.

TABLE XV [1912]. MAXIMUM SPEED in a Gust recorded by Dines Pressure Tube Anemometers during each Month of 1935, 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	37††	**40**††	31	30	32	23	27	23	24	36	32	27	30	68	43	95	Jan. 14 1925
Kirkwall .. 1930	35	**36**	31	32	34	21	28	25	19	32	28	26	29	65	40	89	Feb. 7 1934
§Butt of Lewis 1930	**45**	39	33	32	29	23	25	25	26	38	36	—	32	71	45	100	Jan. 25 1935
1. Aberdeen .. 1912	**31**	**31**	23	27	27	17	20	20	25	27	23	27	25	55	37	82	Oct. 25 1917
Balmakewan .. 1915	**30**	26	21	21	20	14	16	15	22	27	18	17	21	46	37	84	Dec. 3 1920
Bell Rock .. 1930	40	33	25	34	28	25	24	20	37	**45**	27	26	30	68	45	101	Oct. 19 1935
Edinburgh .. 1915	29	28	20	27	18	20	18	20	24	**32**	23	16	23	51	38	85	Jan. 28 1927
6*a*.Tiree .. 1927	37	30	21	23	25	18	19	23	30	**40**	29	26	27	60	48	108	Jan. 28 1927
Paisley .. 1914	32	28	26	30	20	19	19	20	28	**38**	22	22	25	57	47	104	Jan. 28 1927
Abbotsinch .. 1934	29	29	29	34	19	21	21	23	30	**41**	27	24	27	61	41	92	Oct. 19 1935
Eskdalemuir .. 1912	32	33	29	33	25	25	24	20	28	**39**	28	27	29	64	40	90	Oct. 25 1917
2. South Shields 1912	**39**	29	22	28	30	21	22	17	26	31	22	21	26	57	{39 / 39}	87	{Nov. 23 1928 / Jan. 25, 26 1935}
Catterick .. 1932	**33**	30	27	29	25	25	24	19	31	**33**	24	22	27	60	34	77	Feb. 7 1934
Spurn Head .. 1913	34††	—††	—††	—††	29	26	25	18	30	**35**	29	28	28	63	38	84	Jan. 6 1928
Cranwell .. 1921	**31**	30	21	27	21	28	20	26	28	28	25	23	26	57	36	80	Oct. 29 1927
3. Gorleston .. 1912	25	27	24	28	28	25	20	18	**30**	25	26	24	25	56	35	77	Nov. 6 1921
Felixstowe .. 1925	**32**	29	25	29	24	24	23	19	**32**	25	27	25	26	59	32	72	Sept. 17 1935
Cardington .. 1932	30	33	25	32	24	27	19	17	**39**	31	27	28	28	62	39	88	Sept. 17 1935
§Shoeburyness 1912	28	29	28	26	25	26	19	20	**33**	26	24	25	26	57	37	83	Jan. 12 1930
4. Birmingham .. 1924	28	**32**	23	27	19	24	20	14	28	27	25	23	24	54	35	78	{Feb. 9 1925 / Feb. 11 1928 / Nov. 22 1930 / Jan. 6 1932}
5. London .. 1930	26	27	24	25	21	25	17	17	27	**29**	24	24	24	53	31	70	Jan. 12 1930
Kew 1912	27	26	26	27	22	26	17	19	**31**	25	23	22	24	54	32	72	Mar. 28 1916
Croydon .. 1922	28	**32**	25	25	23	25	17	18	31	25	26	24	25	56	36	81	Nov. 16 1928
Dover .. 1924	25	25	25	24	24	21	17	21	**32**	26	27	25	24	54	32	72	Sept. 17 1935
Lympne .. 1923	29	30	23	26	24	24	17	25	**34**	30	28	27	26	59	35	79	Nov. 16 1928
Calshot .. 1921	26	28	24	25	22	25	18	21	**36**	25	26	26	25	56	36	81	{Dec. 29 1929 / Sept. 17 1935}
Boscombe Down 1933	26	28	21	25	21	24	16	19	**31**	29	29	26	25	55	31	70	{Jan. 14 1934 / Sept. 17 1935}
Larkhill .. 1921	27	29	22	26	21	25	16	16	**36**	29	32	27	25	57	36	80	Sept. 17 1935
7*a*.§Fleetwood .. 1924	31	29	21	25	22	19	21	17	28	**35**	27	34	26	57	38	84	Mar. 10 1926
Manchester .. 1934	**33**	30	26	29	25	25	24	17	30	**33**	28	30	27	62	33	75	Oct. 19 1935
Southport .. 1912	32	29	22	27	21	21	25	17	29	**34**	29	31	26	59	43	96	Oct. 29 1927
Liverpool .. 1929	**39**	35	28	34	21	25	25	17	34	**39**	35	36	31	68	41	91	Jan. 2 1930
7*b*.Holyhead .. 1912	**37**	34	24	27	25	21	20	19	29	34	33	32	28	62	39	86	Feb. 16 1916
Sealand .. 1925	31	33	23	28	20	23	20	15	29	**33**	30	29	26	58	39	88	Nov. 25 1928
8*b*.Plymouth .. 1912	30	29	21	23	21	23	18	17	**33**	27	27	27	25	55	43	96	Mar. 8 1922
The Lizard .. 1935	38	34	33	30	29	26	20	23	**41**	28	33	38	31	69	41	92	Sept. 16 1935
Pendennis Castle 1912	33	32	28	31	25	33	21	21	**44**	30	32	32	30	67	46	103	{Mar. 14 1905 / Mar. 8 1922 / Dec. 6 1929}
9. Dunfanaghy Road 1927	35	33	31	33	21	22	24	26	32	**40**	29	29	29	66	49	109	Jan. 28 1927
Aldergrove .. 1927	**34**	26	22	27	23	23	17	19	24	30	24	28	25	55	38	84	Nov. 23 1928
10. Quilty .. 1912	**38**	29	21	27	20	17	19	17	22	27	23	28	24	54	>50	>111	Jan. 27 1920
Valentia .. 1917	**37**	30	30	28	23	22	19	22	30	28	33	33	28	62	43	96	Dec. 31 1932
Cork 1934	**26**	**26**	18	24	16	15	13	14	20	22	21	21	20	44	31	69	May 6 1934
11. St. Mary's .. 1912	35	31	33	28	40	29	20	26	**43**	27	31	32	31	70	49	111	Dec. 6 1929

† For the equivalent speeds in miles per hour reference should be made to the monthly issues. § See "Notes" column of Table X. †† See Note p. 191

* This gust occurred as an isolated gust at a time when the mean wind speed was 23m/s. It appeared very exceptional and apparently artificial. The custodian of the instrument affirmed in reply to an inquiry that the record had not been tampered with: unfortunately the circumstances at the time prevented personal investigation on the spot by a meteorological expert. Accordingly the record has been published, in the absence of any positive external evidence of its apparently artificial nature.

TABLE XVII [1934].—WEEKLY VALUES of MEAN VELOCITIES of Wind Components. Means of Values at the hours 3h., 9h., 15h. and 21h.

Week ending 1935	YARMOUTH (Gorleston).				HOLYHEAD.				SCILLY.				KINGSTOWN.			
	S.	N.	W.	E.	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.	m/s.	m/s	m/s.	m/s.
January 5th ..	3·3	2·8	3·8	1·1	4·8	6·1	6·6	2·4	8·1	6·3	7·3	1·0	4·4	2·1	7·8	0·0
,, 12th ..	4·0	3·9	3·1	5·1	5·2	6·2	9·5	2·7	4·9	7·3	5·7	3·5	5·5	3·7	5·5	3·0
,, 19th ..	1·2	3·2	3·1	2·9	0·9	2·7	4·8	4·0	1·5	5·4	6·3	6·0	0·9	1·9	6·0	6·0
,, 26th ..	2·1	5·0	3·8	0·0	2·1	6·9	8·1	2·9	0·0	7·0	10·1	4·5	4·5	4·3	7·9	2·7
February 2nd ..	1·9	5·0	4·8	2·9	2·7	5·4	7·5	2·0	0·0	6·1	8·2	3·9	4·1	3·2	8·9	0·0
,, 9th ..	2·2	4·3	4·2	5·8	3·1	4·4	6·6	3·3	0·0	5·6	10·4	8·9	3·5	3·5	5·8	3·9
,, 16th ..	4·7	2·0	4·5	0·0	4·9	6·3	6·9	0·0	4·4	3·1	10·1	2·8	5·7	2·4	8·6	0·0
,, 23rd ..	7·3	0·5	4·5	2·6	7·0	4·0	5·8	3·4	8·0	6·0	8·3	0·0	6·1	1·7	6·6	1·5
March 2nd ..	7·2	4·7	2·5	3·9	6·2	6·9	2·6	4·4	5·7	9·0	9·3	0·0	5·4	10·0	3·6	5·3
,, 9th ..	2·8	3·8	2·1	6·9	3·2	2·9	4·5	8·1	3·6	4·8	5·2	6·8	3·1	2·3	6·0	6·1
,, 16th ..	2·3	4·2	1·3	7·0	3·1	2·7	1·8	8·1	3·1	6·5	10·6	5·7	3·0	3·8	0·0	5·9
,, 23rd ..	3·3	0·0	2·8	1·8	5·3	0·9	3·5	1·3	5·2	5·0	7·5	2·3	5·0	1·3	6·8	2·2
,, 30th ..	2·2	5·2	3·7	0·0	3·5	2·3	4·0	0·0	2·2	2·4	5·5	3·4	3·0	1·2	5·8	1·5
April 6th ..	1·1	4·6	5·2	0·0	2·2	7·9	6·7	3·1	5·0	6·8	5·6	2·7	3·4	4·4	7·5	3·9
,, 13th ..	6·5	3·3	3·9	4·7	6·2	4·5	5·6	1·9	6·0	4·6	8·6	5·1	5·7	1·7	5·9	2·4
,, 20th ..	4·8	0·0	3·1	3·7	3·6	3·4	5·7	2·8	5·9	6·5	10·7	4·1	3·3	2·3	8·2	2·9
,, 27th ..	5·4	8·0	2·4	2·9	4·7	4·1	0·9	2·6	2·4	4·7	5·0	2·4	2·7	3·3	3·2	2·7
May 4th ..	3·5	3·5	2·4	4·0	3·2	2·0	1·7	2·4	4·6	0·3	1·7	2·4	3·9	2·1	1·2	2·0
,, 11th ..	0·0	6·9	1·1	3·3	0·0	3·2	2·1	6·6	1·5	3·5	0·0	4·5	1·5	2·4	2·0	4·1
,, 18th ..	2·9	7·5	2·9	4·1	2·2	8·1	3·7	4·1	1·6	8·8	6·2	4·9	2·9	6·7	5·5	4·3
,, 25th ..	3·8	8·7	2·3	2·6	3·6	4·0	4·6	5·1	2·1	5·9	6·3	7·0	1·2	3·9	3·4	5·8
June 1st ..	1·3	5·8	1·4	2·2	2·5	3·1	1·1	6·3	3·1	2·3	2·3	3·4	2·4	1·9	1·9	3·1
,, 8th ..	5·6	0·0	3·0	3·1	5·5	1·2	2·8	3·0	6·5	4·5	5·7	2·2	4·6	2·1	6·1	3·2
,, 15th ..	5·1	1·4	2·2	4·4	5·4	0·0	2·8	1·8	5·4	3·4	5·9	2·4	4·8	0·0	3·9	1·7
,, 22nd ..	3·6	3·2	2·3	2·3	5·6	1·6	2·9	2·3	5·4	1·7	5·3	1·7	5·3	2·0	3·9	2·4
,, 29th ..	3·6	2·4	2·1	2·4	4·7	4·4	2·3	4·0	3·9	5·7	2·6	3·3	3·9	3·0	3·7	2·0

TABLE XVI [1912].—MAXIMUM VALUE of the MEAN SPEED for an Hour measured as in Table XIIB during each Month of 1935. 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	**25**††	24††	20	20	21	14	18	17	16	22	20	19	20	44	1·5
Kirkwall ..	D	19	19	16	**20**	**20**	13	16	16	12	17	16	16	17	37	1·7
§ Butt of Lewis ..	D	**27**	22	21	21	20	17	17	17	17	25	20	—	20	45	1·6
1. Aberdeen ..	R	14	**20**	13	17	11	12	13	11	11	15	13	15	14	31	1·8
Balmakewan ..	D	13	13	12	12	12	7	9	7	11	**15**	9	9	11	24	1·9
Bell Rock ..	D	26	22	18	24	22	17	20	14	26	**30**	20	20	22	48	1·4
Edinburgh ..	D	17	17	12	16	10	13	11	13	13	**19**	13	10	14	30	1·6
6*a*.Tiree	D	21	20	14	17	18	12	12	16	18	**27**	20	17	18	39	1·5
Paisley	D	13	14	12	16	11	9	9	7	12	**17**	10	10	12	26	2·1
Abbotsinch ..	D	16	16	17	18	10	10	12	12	18	**25**	13	12	15	33	1·8
Eskdalemuir ..	D	**20**	19	16	19	14	15	13	13	15	19	15	17	16	36	1·8
2. South Shields ..	D	**24**	19	13	17	21	12	13	12	15	18	16	15	16	36	1·6
Catterick ..	D	16	16	16	15	12	13	12	10	17	**18**	13	11	14	31	1·9
Spurn Head ..	D	18††	—††	—††	—††	20	16	18	15	21	**22**	21	18	19	42	1·5
Cranwell ..	D	**18**	16	12	17	12	15	12	10	17	17	14	13	14	32	1·9
Gorleston ..	D	17	**19**	16	15	**19**	15	10	13	18	14	17	17	16	35	1·6
3. Felixstowe ..	D	16	17	16	14	15	15	10	10	**20**	16	16	14	15	33	1·7
Cardington ..	D	19	21	16	20	14	18	12	11	**24**	20	17	15	17	38	1·6
§Shoeburyness ..	D	18	19	21	19	18	17	11	15	**22**	18	18	17	18	40	1·4
4. Birmingham ..	D	16	**17**	13	16	11	12	11	8	14	15	13	12	13	29	1·8
5. London ..	D	**12**	**12**	**12**	10	11	10	8	7	**12**	11	9	9	10	23	2·4
Kew	D	12	13	14	13	12	13	7	9	**16**	11	11	12	12	27	2·0
Croydon ..	D	15	**17**	15	15	11	16	10	10	**17**	15	14	14	14	31	1·8
Dover	d	14	17	18	14	16	13	11	13	**20**	17	16	17	15	35	1·6
Lympne ..	D	17	18	15	16	15	13	9	12	**21**	18	17	17	15	35	1·7
Calshot	D	19	20	15	18	15	17	13	12	**23**	17	17	18	17	38	1·5
Boscombe Down	D	16	17	11	14	10	12	9	9	**19**	17	15	15	14	30	1·8
Larkhill ..	D	17	17	14	16	13	16	9	9	**21**	16	17	17	15	34	1·7
7*a*§.Fleetwood ..	D	**23**	21	13	17	17	13	17	14	22	**23**	19	**23**	19	43	1·4
Manchester ..	D	20	20	17	18	14	16	16	10	20	**22**	18	19	15	34	1·8
Southport ..	D	20	19	15	16	14	14	16	13	20	**24**	17	21	17	39	1·5
Liverpool ..	D	21	21	18	20	12	13	15	10	22	**23**	21	22	18	40	1·7
7*b*.Holyhead ..	D	22	**23**	17	16	18	12	12	13	21	21	21	21	18	40	1·5
Sealand ..	D	19	**22**	12	16	10	11	13	9	14	17	16	17	15	33	1·7
8*b*.Plymouth ..	d	20	21	14	18	16	17	11	12	24	17	21	**27**	18	40	1·4
The Lizard ..	D	23	23	21	21	18	18	13	15	**28**	19	23	21	20	45	1·5
Falmouth ..	R	12	12	11	13	9	13	7	8	**14**	10	12	11	11	25	—
Pendennis Castle	D	21	25	18	24	16	23	13	15	**29**	20	21	21	21	46	1·4
9. Dunfanaghy ..	d	22	22	20	21	9	15	16	16	21	**25**	16	17	18	41	1·6
Aldergrove ..	D	**18**	14	11	16	12	13	9	10	13	16	11	11	13	29	1·9
Armagh ..	R	**14**	13	8	13	6	8	7	7	9	12	11	7	10	21	2·4
10. Kingstown ..	R	19	**22**	20	17	18	13	15	11	20	20	19	18	18	39	—
Quilty	d	**22**	18	14	16	14	12	13	11	17	18	17	17	16	35	1·5
Valentia ..	D	**18**	**18**	15	16	14	13	11	12	17	15	17	15	15	34	1·9
Cork	d	13	**14**	11	12	10	7	7	6	9	9	11	8	10	22	2·0
11 St. Mary's ..	D	22	21	22	18	29	17	13	18	30	18	22	**32**	22	49	1·4

Note.—The highest mean speed recorded at M.O. Stations in the British Isles is 78 mi/hr., 35 m/s. This was recorded at Fleetwood on 22nd December, 1894. § See " Notes " column of Table X. † 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. R Robinson cup-anemograph. †† *See* Note p. 191.

TABLE XVII [1934] (*continued*).—WEEKLY VALUES of MEAN VELOCITIES of Wind Components. Means of Values at the Hours 3h., 9h., 15h. and 21h.

Week ending 1935	YARMOUTH (Gorleston).				HOLYHEAD.				SCILLY.				KINGSTOWN.			
	S.	N.	W.	E.	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.	m/s.	m/s.	m/s.	m/s.
July 6th ..	1·8	3·0	4·4	3·7	3·6	3·0	4·9	0·0	1·3	3·9	5·6	2·1	2·8	2·1	6·2	2·1
,, 13th ..	1·1	2·1	0·9	3·2	4·2	3·2	1·1	0·9	4·2	2·9	1·7	4·5	3·6	2·0	3·1	2·4
,, 20th ..	3·0	2·2	2·5	1·4	3·5	3·0	3·8	0·7	4·1	4·2	5·4	1·9	3·0	2·4	5·4	3·0
,, 27th ..	2·8	3·9	3·1	2·1	3·9	3·0	3·6	0·0	2·3	4·2	4·3	2·5	2·5	2·5	5·2	1·2
August 3rd ..	0·0	3·1	3·6	1·8	1·9	4·6	2·6	0·0	3·4	4·5	4·6	3·6	2·5	2·9	4·3	2·7
,, 10th ..	3·2	1·7	1·8	2·6	4·2	2·6	2·1	0·0	0·9	3·3	1·7	2·0	2·3	3·3	4·8	2·1
,, 17th ..	2·0	5·1	2·1	2·0	4·7	5·3	3·0	1·9	2·6	6·2	1·6	3·6	3·4	3·4	3·7	1·7
,, 24th ..	3·7	2·5	1·7	2·4	4·1	5·1	2·0	1·6	3·7	4·3	2·5	1·6	3·0	3·4	4·1	1·6
,, 31st ..	3·7	1·1	2·1	3·6	3·9	5·2	3·5	0·0	3·8	6·1	5·6	2·8	3·3	2·9	5·6	1·2
September 7th ..	3·6	2·8	2·6	4·6	3·7	2·8	3·5	3·1	4·0	3·2	5·7	5·7	3·4	1·8	4·9	6·5
,, 14th ..	4·1	2·2	2·3	2·2	4·8	0·0	3·0	1·8	5·4	2·6	6·5	4·4	5·9	0·0	4·6	2·6
,, 21st ..	5·7	0·6	4·8	4·7	5·2	1·0	7·2	3·7	7·0	2·3	11·6	2·6	5·7	3·0	8·7	1·7
,, 28th ..	3·7	5·5	3·8	3·1	4·0	4·8	3·8	2·0	6·1	5·3	5·2	0·9	3·1	2·7	4·7	1·3
October 5th ..	5·4	2·5	2·6	2·1	5·1	6·3	5·3	2·4	5·4	5·6	8·2	3·9	4·7	3·7	5·2	2·8
,, 12th ..	4·3	1·5	2·7	0·0	4·3	3·6	6·7	2·3	5·3	3·6	7·4	0·0	4·6	2·5	7·3	1·0
,, 19th ..	3·3	1·3	3·7	0·0	5·8	6·1	7·2	0·0	4·2	6·3	6·5	0·0	5·3	1·2	7·8	3·5
,, 26th ..	4·8	2·9	3·3	4·5	4·6	6·2	4·3	2·7	2·9	6·5	3·9	1·1	4·5	3·4	6·7	1·1
November 2nd ..	5·0	1·8	4·4	1·8	5·1	3·4	9·2	2·0	6·1	5·3	11·4	1·6	6·2	0·0	9·3	1·9
,, 9th ..	5·1	0·8	2·6	4·3	4·2	0·9	4·2	4·2	7·9	5·7	7·3	4·4	5·0	0·8	5·2	5·0
,, 16th ..	7·4	0·0	1·5	2·2	4·2	1·9	4·2	2·8	5·9	6·3	7·3	0·0	4·5	4·6	3·5	4·7
,, 23rd ..	5·1	4·7	2·6	7·2	2·8	4·7	10·2	6·9	3·3	5·2	7·4	5·9	5·1	2·6	7·7	8·9
,, 30th ..	4·0	3·2	3·7	0·0	4·6	3·1	8·2	0·0	3·6	3·0	10·1	5·3	5·3	1·3	7·2	2·3
December 7th ..	1·7	1·1	4·4	0·0	3·3	5·1	10·3	3·4	4·1	8·2	8·2	0·0	3·6	3·4	9·2	0·0
,, 14th ..	2·8	5·5	2·8	6·9	5·2	4·6	11·3	5·2	3·1	5·1	6·9	8·3	3·7	2·5	6·4	6·7
,, 21st ..	2·6	1·8	3·4	1·5	1·9	3·3	8·8	3·7	4·4	7·1	6·7	5·5	5·2	1·7	6·6	4·7
,, 28th ..	5·5	1·4	3·2	4·5	3·1	3·0	3·9	3·4	5·2	3·5	5·2	5·6	5·4	1·3	4·2	4·6

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.

LERWICK.

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 ..	1	2	1	0	1	0	0	1	0	1	0	0	1	1	0	1	3	2	2	5	1	3	4	0	9	17	4	1
February ..	1	1	0	1	1	0	0	0	0	0	1	1	0	1	1	1	5	2	3	3	0	1	5	0	7	17	4	0
March	3	0	0	0	1	0	2	0	0	0	2	0	2	6	1	2	4	1	2	1	1	2	1	0	13	15	3	0
April	5	3	1	1	1	0	2	3	0	1	1	0	1	2	0	1	1	0	2	0	0	3	1	0	16	12	1	1
May	5	4	0	2	4	0	2	0	0	0	1	0	2	0	0	2	2	0	4	0	0	2	1	0	19	12	0	0
June	3	0	0	5	3	0	2	3	0	0	1	0	2	4	0	2	1	0	0	2	0	0	2	0	14	16	0	0
July	0	1	0	0	0	0	1	0	0	0	0	0	7	1	0	5	5	0	1	3	0	2	5	0	16	15	0	0
August ..	1	0	0	0	1	0	2	2	0	1	0	0	4	3	0	6	4	0	4	2	0	1	0	0	19	12	0	0
September ..	4	2	0	2	1	0	1	0	0	0	2	0	3	4	0	2	3	0	2	0	0	2	2	0	16	14	0	0
October ..	1	2	0	0	1	0	2	0	0	0	0	0	0	4	0	2	4	0	1	6	1	3	4	0	9	21	1	0
November ..	1	0	0	0	0	0	1	1	0	1	5	0	2	9	0	0	7	0	0	3	0	0	0	0	5	25	0	0
December ..	5	1	0	3	1	0	1	0	0	0	2	0	2	4	1	0	2	0	2	0	0	6	1	0	19	11	1	0
Year ..	30	16	2	14	15	0	16	10	0	4	15	1	26	39	3	24	41	5	23	25	3	25	26	0	162	187	14	2

STORNOWAY.

January ..	3	0	1	1	0	0	1	0	0	0	0	0	0	2	0	1	6	1	4	3	0	3	2	1	13	13	3	2
February ..	1	1	0	1	0	0	0	0	0	0	1	0	1	2	0	5	2	0	3	4	0	1	4	1	12	14	1	1
March	0	0	0	1	0	0	1	0	0	2	0	0	4	3	0	5	3	0	4	2	0	1	0	0	18	8	0	5
April	7	3	0	2	2	0	2	0	0	2	2	0	0	1	0	1	0	0	0	0	0	4	1	0	18	9	0	3
May	1	0	0	5	2	0	1	1	0	7	0	0	2	1	0	0	1	0	1	0	0	3	1	0	20	6	0	5
June	1	1	0	5	1	0	3	1	0	5	1	0	6	2	0	0	1	0	1	0	0	0	1	0	21	8	0	1
July	1	0	0	0	0	0	0	0	0	1	0	0	8	2	0	7	3	0	2	2	0	3	1	0	22	8	0	1
August ..	3	0	0	1	0	0	0	1	0	2	0	0	5	1	0	8	3	0	3	1	0	2	0	0	24	6	0	1
September ..	4	0	0	2	0	0	0	0	0	3	0	0	3	3	0	3	4	0	3	1	0	4	0	0	22	8	0	0
October ..	3	2	0	0	2	0	0	1	0	0	1	0	1	2	0	9	2	1	5	0	0	1	0	1	19	10	2	0
November ..	1	0	0	2	0	0	0	0	0	4	4	0	5	3	0	3	1	0	3	1	0	2	1	0	20	10	0	0
December ..	5	1	0	1	0	0	0	1	0	2	2	0	1	1	0	8	0	0	4	1	0	4	0	0	25	6	0	0
Year ..	30	8	1	21	7	0	8	5	0	28	11	0	36	23	0	50	26	2	33	15	0	28	11	3	234	106	6	19

ABERDEEN.

January ..	2	1	0	0	0	0	1	0	0	0	0	0	2	1	0	4	1	0	6	3	0	4	3	0	19	9	0	3
February ..	0	1	0	0	0	0	0	0	0	0	1	0	8	1	0	5	2	0	3	2	0	4	1	0	20	8	0	0
March	1	0	0	0	0	0	1	1	0	4	2	0	6	0	0	4	1	0	6	1	0	4	0	0	26	5	0	0
April	2	1	0	1	1	0	1	0	0	2	2	0	1	1	0	2	0	0	4	1	0	6	4	0	19	10	0	1
May	8	0	0	3	0	0	0	0	0	2	0	0	4	0	0	0	1	0	1	0	0	8	3	0	26	4	0	1
June	1	0	0	2	0	0	3	1	0	3	1	0	9	1	0	2	0	0	1	0	0	4	0	0	25	3	0	2
July	0	0	0	0	0	0	0	0	0	1	0	0	6	1	0	4	1	0	5	2	0	2	5	0	18	9	0	4
August ..	2	0	0	0	0	0	0	0	0	1	0	0	6	0	0	3	2	0	3	0	0	8	0	0	23	2	0	6
September ..	1	0	0	0	0	0	1	0	0	0	1	0	3	2	0	9	1	0	4	0	0	5	2	0	23	6	0	1
October ..	1	0	0	0	0	0	0	1	0	0	0	0	5	2	0	8	3	0	5	0	0	5	1	0	24	7	0	0
November ..	0	0	0	0	0	0	1	2	0	2	3	0	3	1	0	6	1	0	2	1	0	4	0	0	18	8	0	4
December ..	0	0	0	0	0	0	1	0	0	0	3	0	2	1	0	2	0	0	7	2	0	8	3	0	20	9	0	2
Year ..	18	3	0	6	1	0	9	5	0	15	13	0	55	11	0	49	13	0	47	12	0	62	22	0	261	80	0	24

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 ..	4	3	0	3	0	0	0	0	0	1	0	0	1	1	0	3	1	0	1	3	0	0	4	0	13	12	0	6
February ..	1	1	0	0	1	0	0	0	0	1	0	0	3	2	0	2	6	1	1	3	0	0	1	0	8	14	1	5
March	5	0	0	3	0	0	1	2	0	0	0	0	3	0	0	3	4	0	1	3	0	0	2	0	16	11	0	4
April ..	9	2	0	3	1	0	0	1	0	1	0	0	0	0	0	1	2	0	2	1	0	1	2	0	17	9	0	4
May	5	3	0	7	7	0	0	1	0	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	15	11	0	5
June	1	0	0	6	2	0	0	0	0	2	1	0	9	1	0	2	4	0	1	0	0	0	0	0	21	8	0	1
July	1	0	0	2	0	0	1	0	0	1	0	0	4	0	0	4	3	0	3	2	0	1	1	0	17	6	0	8
August ..	3	0	0	2	0	0	0	0	0	0	0	0	3	1	0	7	3	0	3	0	0	2	0	0	20	4	0	7
September ..	3	0	0	1	1	0	1	0	0	0	0	0	4	0	0	2	6	0	1	1	0	1	1	0	13	9	0	8
October ..	2	0	0	1	0	0	0	0	0	1	0	0	3	1	0	3	9	0	0	2	1	2	0	0	12	12	1	6
November ..	5	1	0	2	1	0	2	0	0	2	0	0	3	1	0	3	3	0	0	2	0	1	0	0	18	8	0	4
December ..	3	1	0	4	0	0	1	1	0	3	0	0	2	1	0	1	1	0	0	3	0	0	1	0	14	8	0	9
Year ..	42	11	0	34	13	0	6	5	0	13	1	0	37	8	0	31	42	1	13	20	1	8	12	0	184	112	2	67

TYNEMOUTH.

January ..	3	2	0	1	1	0	0	0	0	0	0	0	0	0	0	4	0	0	13	3	0	2	2	0	23	8	0	0
February ..	2	2	0	0	1	0	0	0	0	0	0	0	1	1	0	3	2	0	11	5	0	0	0	0	17	11	0	0
March	2	0	0	0	0	0	3	2	0	1	1	0	4	0	0	8	0	0	7	1	0	1	0	0	26	4	0	1
April	5	3	0	2	0	0	0	0	0	3	0	0	5	1	0	2	1	0	4	1	0	1	2	0	22	8	0	0
May	11	3	0	6	2	0	2	0	0	0	0	0	2	0	0	1	0	0	2	0	0	2	0	0	26	5	0	0
June	4	0	0	0	0	0	3	0	0	2	0	0	7	0	0	6	0	0	6	0	0	2	0	0	30	0	0	0
July	4	0	0	1	0	0	0	0	0	0	0	0	4	0	0	3	1	0	11	2	0	5	0	0	28	3	0	0
August ..	4	1	0	1	0	0	0	0	0	0	0	0	2	0	0	4	0	0	14	0	0	3	0	0	28	1	0	2
September ..	0	1	0	0	0	0	0	1	0	1	0	0	3	0	0	12	1	0	6	3	0	2	0	0	24	6	0	0
October ..	2	0	0	0	0	0	0	0	0	0	0	0	1	1	0	11	1	0	11	3	0	0	1	0	25	6	0	0
November ..	0	0	0	0	1	0	1	3	0	0	2	0	5	4	0	7	0	0	5	1	0	1	0	0	19	11	0	0
December ..	1	1	0	1	0	0	1	1	0	1	0	0	3	1	0	5	1	0	12	1	0	2	0	0	26	5	0	0
Year ..	38	13	0	12	5	0	10	7	0	8	3	0	37	8	0	66	7	0	102	20	0	21	5	0	294	68	0	3

YARMOUTH (GORLESTON).

January ..	1	2	0	0	2	0	0	1	0	0	0	0	0	0	0	6	2	0	7	0	0	5	5	0	19	12	0	0
February ..	0	2	0	0	1	0	1	1	0	0	1	0	1	5	0	4	5	0	3	3	0	1	0	0	10	18	0	0
March	0	0	0	2	4	0	0	3	0	3	1	0	5	0	0	5	1	0	4	1	0	1	1	0	20	11	0	0
April	0	6	0	0	0	0	0	0	0	4	1	1	1	2	0	1	4	0	1	4	0	2	2	0	9	19	1	1
May	4	11	0	2	5	0	0	2	0	1	0	0	1	0	0	1	0	0	1	0	0	1	2	0	11	20	0	0
June	0	0	0	2	0	0	1	0	0	4	2	0	5	3	0	4	4	0	3	1	0	1	0	0	20	10	0	0
July	0	0	0	5	1	0	2	0	0	1	0	0	0	0	0	3	2	0	8	3	0	5	1	0	24	7	0	0
August ..	1	1	0	0	0	0	1	0	0	3	0	0	4	0	0	6	0	0	8	0	0	6	0	0	29	1	0	1
September ..	1	0	0	1	0	0	0	0	0	0	2	0	1	2	0	7	8	0	3	0	0	3	1	0	16	13	0	1
October ..	0	1	0	1	0	0	0	0	0	0	2	0	0	4	0	9	4	0	6	3	0	0	1	0	16	15	0	0
November ..	0	1	0	0	2	0	1	1	0	1	5	0	2	6	0	4	3	0	3	0	0	0	0	0	11	18	0	1
December ..	0	1	0	0	3	0	1	1	0	1	4	0	0	2	0	3	4	0	6	1	0	4	0	0	15	16	0	0
Year ..	7	25	0	13	18	0	7	9	0	18	18	1	20	24	0	53	37	0	53	16	0	29	13	0	200	160	1	4

BIRMINGHAM (EDGBASTON).

January ..	4	1	0	4	0	0	0	0	0	0	0	0	1	1	0	2	0	0	5	2	0	7	4	0	23	8	0	0
February ..	2	0	0	2	1	0	0	0	0	0	0	0	3	3	0	5	3	0	4	3	0	2	0	0	18	10	0	0
March	1	0	0	5	1	0	2	1	0	1	0	0	4	0	0	7	0	0	4	0	0	5	0	0	29	2	0	0
April	5	1	0	3	1	0	0	0	0	2	0	0	1	1	0	4	2	0	2	5	0	1	1	0	18	11	0	1
May	5	2	0	9	6	0	2	0	0	2	1	0	1	0	0	2	0	0	0	0	0	1	0	0	22	9	0	0
June	0	0	0	2	0	0	3	0	0	3	0	0	7	3	0	8	1	0	1	1	0	0	0	0	24	5	0	1
July	3	1	0	4	0	0	2	0	0	2	0	0	3	0	0	7	0	0	5	0	0	4	0	0	30	1	0	0
August ..	5	0	0	4	0	0	0	0	0	1	0	0	3	0	0	7	0	0	5	1	0	5	0	0	30	1	0	0
September ..	1	0	0	0	0	0	2	0	0	4	0	0	5	3	0	5	1	0	3	2	0	3	1	0	23	7	0	0
October ..	3	0	0	1	0	0	0	0	0	2	0	0	4	1	0	8	3	0	4	2	0	2	0	0	24	6	0	1
November ..	1	0	0	2	0	0	1	0	0	5	0	0	7	1	0	6	2	0	3	1	0	1	0	0	26	4	0	0
December ..	4	0	0	1	2	0	2	0	0	3	1	0	2	0	0	5	0	0	3	3	0	4	1	0	24	7	0	0
Year ..	34	5	0	37	11	0	14	1	0	25	2	0	41	13	0	66	12	0	39	20	0	35	7	0	291	71	0	3

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 ..	7	1	0	4	0	0	0	0	0	1	0	0	1	0	0	6	0	0	3	2	0	5	1	0	27	4	0	0
February ..	0	1	0	3	1	0	0	0	0	0	0	0	1	2	0	5	5	0	7	3	0	0	0	0	16	12	0	0
March	1	0	0	3	3	0	4	0	0	0	0	0	1	0	0	5	0	0	8	1	0	1	0	0	23	4	0	4
April	2	0	0	2	3	0	1	0	0	0	0	0	3	0	0	3	4	0	4	2	0	2	0	0	17	9	0	4
May	4	2	0	7	8	0	3	1	0	0	0	0	0	0	0	3	0	0	1	0	0	0	0	0	18	11	0	2
June	0	0	0	0	0	0	6	0	0	0	0	0	4	1	0	11	2	0	2	0	0	0	0	0	23	3	0	4
July	3	0	0	5	0	0	3	0	0	0	0	0	0	0	0	8	0	0	6	0	0	3	0	0	28	0	0	3
August ..	1	0	0	3	0	0	2	0	0	0	0	0	1	0	0	8	1	0	7	0	0	1	0	0	23	1	0	7
September ..	2	0	0	1	0	0	3	0	0	1	0	0	5	0	0	10	3	0	3	0	0	2	0	0	27	3	0	0
October ..	1	0	0	0	0	0	2	0	0	0	0	0	2	0	0	12	1	0	7	2	0	3	0	0	27	3	0	1
November ..	4	0	0	1	0	0	2	1	0	2	1	0	5	1	0	8	1	0	1	0	0	0	0	0	23	4	0	3
December ..	2	1	0	1	1	0	2	2	0	1	1	0	4	0	0	6	2	0	3	1	0	3	0	0	22	8	0	1
Year ..	27	5	0	30	16	0	28	4	0	5	2	0	27	4	0	85	19	0	52	11	0	20	1	0	274	62	0	29

HOLYHEAD.

January ..	2	2	1	2	0	0	2	1	0	2	0	0	0	1	0	1	2	0	2	3	1	1	5	1	12	14	3	2
February ..	1	1	0	1	2	0	0	0	0	0	0	0	1	1	1	3	7	0	1	6	0	0	1	0	7	18	1	2
March	1	0	0	0	0	0	0	7	0	2	0	0	2	3	0	4	1	0	0	4	0	3	2	0	12	17	0	2
April	0	3	0	3	1	0	2	0	0	2	1	0	4	1	0	0	4	0	2	4	0	1	2	0	14	16	0	0
May	1	3	0	0	5	0	2	10	0	1	0	0	1	0	0	1	0	0	2	0	0	0	0	0	8	18	0	5
June	0	1	0	1	0	0	2	1	0	1	1	0	6	6	0	3	2	0	1	1	0	0	1	0	14	13	0	3
July	6	1	0	0	0	0	0	0	0	0	0	0	3	1	0	4	1	0	2	5	0	2	2	0	17	10	0	4
August ..	2	4	0	0	0	0	0	0	0	2	0	0	4	1	0	3	5	0	4	1	0	2	1	0	17	12	0	2
September ..	0	0	0	0	0	0	2	0	0	3	1	0	3	2	0	3	6	0	1	3	1	0	4	0	12	16	1	1
October ..	0	2	0	1	0	0	0	0	0	1	0	0	1	1	0	2	8	0	1	8	1	2	3	0	8	22	1	0
November ..	0	0	0	2	0	0	0	3	0	3	1	0	3	2	0	5	3	0	3	3	0	0	1	0	16	13	0	1
December ..	1	2	0	2	2	0	2	2	0	3	1	0	2	2	0	1	0	0	1	4	0	0	3	1	12	16	1	2
Year ..	14	19	1	12	10	0	12	24	0	20	5	0	30	21	1	30	39	0	20	42	3	11	25	2	149	185	7	24

BLACKSOD POINT.

January ..	0	3	0	0	0	0	1	1	0	1	0	0	1	1	0	0	4	0	3	5	1	0	2	0	6	16	1	8
February ..	2	1	0	0	0	1	1	0	0	2	1	0	1	3	0	1	4	0	2	7	0	0	1	0	9	17	1	1
March	1	0	0	0	0	0	4	5	0	1	0	0	2	4	0	3	1	0	6	2	0	0	1	0	17	13	0	1
April	3	5	0	1	1	0	2	1	0	1	0	0	2	1	0	0	1	0	2	2	0	0	3	0	11	14	0	5
May	4	3	0	4	1	0	6	1	0	1	0	0	2	1	0	0	0	0	2	1	0	0	0	0	19	7	0	5
June	1	1	0	1	1	0	3	3	0	2	2	0	0	3	0	1	3	0	4	2	0	0	1	0	12	16	0	2
July	1	0	0	0	0	0	1	1	0	1	1	0	1	6	0	3	2	0	4	6	0	1	2	0	12	18	0	1
August ..	5	3	0	0	0	0	0	0	0	0	0	0	3	3	0	3	1	0	6	2	0	3	2	0	20	11	0	0
September ..	0	0	0	0	0	0	4	0	0	2	3	0	0	0	0	2	3	0	5	6	0	4	0	0	17	12	0	1
October ..	2	3	0	0	1	0	0	0	0	0	0	0	0	4	1	0	2	0	2	12	2	0	2	0	4	24	3	0
November ..	1	1	0	0	0	0	4	0	0	4	2	0	2	3	0	2	1	0	1	3	0	1	2	1	15	12	1	2
December ..	0	0	0	0	0	0	5	2	0	2	0	0	3	0	0	0	1	0	4	3	0	1	4	0	15	10	0	6
Year ..	20	20	0	6	4	1	31	14	0	17	9	0	17	29	1	15	23	0	41	51	3	10	20	1	157	170	6	32

MALIN HEAD.

January ..	0	3	0	0	0	0	0	0	0	1	0	0	8	2	0	1	1	0	4	5	1	0	4	0	14	15	1	1
February ..	1	3	0	0	1	0	0	0	0	1	1	0	6	3	0	1	2	0	1	6	1	0	1	0	10	17	1	0
March	0	0	0	0	0	0	3	3	0	1	1	0	7	5	0	2	3	0	2	4	0	0	0	0	15	16	0	0
April	5	8	0	1	0	0	8	1	0	1	0	0	1	0	0	1	1	0	1	1	0	0	1	0	18	12	0	0
May	1	2	0	3	3	0	10	2	0	2	1	0	1	0	0	1	0	0	3	1	0	0	0	0	21	9	0	1
June	4	1	0	0	0	0	4	2	0	2	0	0	5	6	0	0	1	0	2	2	0	1	0	0	18	12	0	0
July	3	2	0	0	0	0	0	0	0	0	1	0	9	2	0	2	3	0	2	5	0	2	0	0	18	13	0	0
August ..	4	4	0	0	0	0	0	0	0	0	1	0	7	2	0	2	1	0	7	3	0	0	0	0	20	11	0	0
September ..	2	1	0	1	0	0	2	0	0	0	1	0	7	3	0	5	3	0	0	2	0	1	2	0	18	12	0	0
October ..	1	3	0	1	0	0	0	0	0	1	0	0	4	2	0	0	2	1	3	10	0	2	1	0	12	18	1	0
November ..	0	1	0	0	0	0	3	1	0	3	1	0	8	3	0	1	1	0	2	5	0	0	1	0	17	13	0	0
December ..	6	2	0	0	0	0	1	0	0	3	1	0	10	1	0	0	0	0	1	5	0	0	1	0	21	10	0	0
Year ..	27	30	0	6	4	0	31	9	0	15	8	0	73	29	0	16	18	1	28	49	2	6	11	0	202	158	3	2

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 ..	7	1	0	4	0	0	0	0	0	1	0	0	1	0	0	6	0	0	3	2	0	5	1	0	27	4	0	0
February ..	0	1	0	3	1	0	0	0	0	0	0	0	1	2	0	5	5	0	7	3	0	0	0	0	16	12	0	0
March	1	0	0	3	3	0	4	0	0	0	0	0	1	0	0	5	0	0	8	1	0	1	0	0	23	4	0	4
April	2	0	0	2	3	0	1	0	0	0	0	0	3	0	0	3	4	0	4	2	0	2	0	0	17	9	0	4
May	4	2	0	7	8	0	3	1	0	0	0	0	0	0	0	3	0	0	1	0	0	0	0	0	18	11	0	2
June	0	0	0	0	0	0	6	0	0	0	0	0	4	1	0	11	2	0	2	0	0	0	0	0	23	3	0	4
July	3	0	0	5	0	0	3	0	0	0	0	0	0	0	0	8	0	0	6	0	0	3	0	0	28	0	0	3
August ..	1	0	0	3	0	0	2	0	0	0	0	0	1	0	0	8	1	0	7	0	0	1	0	0	23	1	0	7
September ..	2	0	0	1	0	0	3	0	0	1	0	0	5	0	0	10	3	0	3	0	0	2	0	0	27	3	0	0
October ..	1	0	0	0	0	0	2	0	0	0	0	0	2	0	0	12	1	0	7	2	0	3	0	0	27	3	0	1
November ..	4	0	0	1	0	0	2	1	0	2	1	0	5	1	0	8	1	0	1	0	0	0	0	0	23	4	0	3
December ..	2	1	0	1	1	0	2	2	0	1	1	0	4	0	0	6	2	0	3	1	0	3	0	0	22	8	0	1
Year ..	27	5	0	30	16	0	28	4	0	5	2	0	27	4	0	85	19	0	52	11	0	20	1	0	274	62	0	29

HOLYHEAD.

January ..	2	2	1	2	0	0	2	1	0	2	0	0	0	1	0	1	2	0	2	3	1	1	5	1	12	14	3	2
February ..	1	1	0	1	2	0	0	0	0	0	0	0	1	1	1	3	7	0	1	6	0	0	1	0	7	18	1	2
March	1	0	0	0	0	0	0	7	0	2	0	0	2	3	0	4	1	0	0	4	0	3	2	0	12	17	0	2
April	0	3	0	3	1	0	2	0	0	2	1	0	4	1	0	0	4	0	2	4	0	1	2	0	14	16	0	0
May	1	3	0	0	5	0	2	10	0	1	0	0	1	0	0	1	0	0	2	0	0	0	0	0	8	18	0	5
June	0	1	0	1	0	0	2	1	0	1	1	0	6	6	0	3	2	0	1	1	0	0	1	0	14	13	0	3
July	6	1	0	0	0	0	0	0	0	0	0	0	3	1	0	4	1	0	2	5	0	2	2	0	17	10	0	4
August ..	2	4	0	0	0	0	0	0	0	2	0	0	4	1	0	3	5	0	4	1	0	2	1	0	17	12	0	2
September ..	0	0	0	0	0	0	2	0	0	3	1	0	3	2	0	3	6	0	1	3	1	0	4	0	12	16	1	1
October ..	0	2	0	1	0	0	0	0	0	1	0	0	1	1	0	2	8	0	1	8	1	2	3	0	8	22	1	0
November ..	0	0	0	2	0	0	0	3	0	3	1	0	3	2	0	5	3	0	3	3	0	0	1	0	16	13	0	1
December ..	1	2	0	2	2	0	2	2	0	3	1	0	2	2	0	1	0	0	1	4	0	0	3	1	12	16	1	2
Year ..	14	19	1	12	10	0	12	24	0	20	5	0	30	21	1	30	39	0	20	42	3	11	25	2	149	185	7	24

BLACKSOD POINT.

January ..	0	3	0	0	0	0	1	1	0	1	0	0	1	1	0	0	4	0	3	5	1	0	2	0	6	16	1	8
February ..	2	1	0	0	0	1	1	0	0	2	1	0	1	3	0	1	4	0	2	7	0	0	1	0	9	17	1	1
March	1	0	0	0	0	0	4	5	0	1	0	0	2	4	0	3	1	0	6	2	0	0	1	0	17	13	0	1
April	3	5	0	1	1	0	2	1	0	1	0	0	2	1	0	0	1	0	2	2	0	0	3	0	11	14	0	5
May	4	3	0	4	1	0	6	1	0	1	0	0	2	1	0	0	0	0	2	1	0	0	0	0	19	7	0	5
June	1	1	0	1	1	0	3	3	0	2	2	0	0	3	0	1	3	0	4	2	0	0	1	0	12	16	0	2
July	1	0	0	0	0	0	1	1	0	1	1	0	1	6	0	3	2	0	4	6	0	1	2	0	12	18	0	1
August ..	5	3	0	0	0	0	0	0	0	0	0	0	3	3	0	3	1	0	6	2	0	3	2	0	20	11	0	0
September ..	0	0	0	0	0	0	4	0	0	2	3	0	0	0	0	2	3	0	5	6	0	4	0	0	17	12	0	1
October ..	2	3	0	0	1	0	0	0	0	0	0	0	0	4	1	0	2	0	2	12	2	0	2	0	4	24	3	0
November ..	1	1	0	0	0	0	4	0	0	4	2	0	2	3	0	2	1	0	1	3	0	1	2	1	15	12	1	2
December ..	0	0	0	0	0	0	5	2	0	2	0	0	3	0	0	0	1	0	4	3	0	1	4	0	15	10	0	6
Year ..	20	20	0	6	4	1	31	14	0	17	9	0	17	29	1	15	23	0	41	51	3	10	20	1	157	170	6	32

MALIN HEAD.

January ..	0	3	0	0	0	0	0	0	0	1	0	0	8	2	0	1	1	0	4	5	1	0	4	0	14	15	1	1
February ..	1	3	0	0	1	0	0	0	0	1	1	0	6	3	0	1	2	0	1	6	1	0	1	0	10	17	1	0
March	0	0	0	0	0	0	3	3	0	1	1	0	7	5	0	2	3	0	2	4	0	0	0	0	15	16	0	0
April	5	8	0	1	0	0	8	1	0	1	0	0	1	0	0	1	1	0	1	1	0	0	1	0	18	12	0	0
May	1	2	0	3	3	0	10	2	0	2	1	0	1	0	0	1	0	0	3	1	0	0	0	0	21	9	0	1
June	4	1	0	0	0	0	4	2	0	2	0	0	5	6	0	0	1	0	2	2	0	1	0	0	18	12	0	0
July	3	2	0	0	0	0	0	0	0	0	1	0	9	2	0	2	3	0	2	5	0	2	0	0	18	13	0	0
August ..	4	4	0	0	0	0	0	0	0	0	1	0	7	2	0	2	1	0	7	3	0	0	0	0	20	11	0	0
September ..	2	1	0	1	0	0	2	0	0	0	1	0	7	3	0	5	3	0	0	2	0	1	2	0	18	12	0	0
October ..	1	3	0	1	0	0	0	0	0	1	0	0	4	2	0	0	2	1	3	10	0	2	1	0	12	18	1	0
November ..	0	1	0	0	0	0	3	1	0	3	1	0	8	3	0	1	1	0	2	5	0	0	1	0	17	13	0	0
December ..	6	2	0	0	0	0	1	0	0	3	1	0	10	1	0	0	0	0	1	5	0	0	1	0	21	10	0	0
Year ..	27	30	0	6	4	0	31	9	0	15	8	0	73	29	0	16	18	1	28	49	2	6	11	0	202	158	3	2

TABLE XVIII (*continued*).—"WIND ROSE" DATA for TELEGRAPHIC STATIONS.—Frequency of Winds of various strengths from different directions at 7h.

VALENTIA 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	1	0	2	2	0	5	0	0	3	0	0	1	0	0	2	2	1	1	1	0	0	5	0	16	11	1	3
February ..	0	1	0	2	0	1	2	0	0	1	1	0	2	3	0	0	4	0	1	7	0	1	2	0	9	18	1	0
March	0	0	0	1	1	0	2	4	0	1	3	0	4	5	0	4	1	0	0	1	0	0	2	0	12	17	0	2
April	3	0	0	3	0	0	3	0	0	0	0	0	1	1	0	2	6	0	0	2	0	0	4	0	12	13	0	5
May	0	2	0	7	2	0	3	0	0	1	2	0	2	1	0	0	0	0	1	0	0	1	0	0	15	7	0	9
June	2	0	0	1	2	0	1	1	0	2	2	0	2	4	0	3	2	0	2	4	0	1	0	0	14	15	0	1
July	2	1	0	2	1	0	0	0	0	0	3	0	0	3	0	5	1	0	2	2	0	4	1	0	15	12	0	4
August ..	2	3	0	2	1	0	0	0	0	0	0	0	3	3	0	4	2	0	3	0	0	2	1	0	16	10	0	5
September ..	1	0	0	4	0	0	3	0	0	0	2	0	4	3	0	3	6	0	1	1	0	0	1	0	16	13	0	1
October ..	1	3	0	3	1	0	0	0	0	1	0	0	1	4	0	1	6	0	3	3	0	2	2	0	12	19	0	0
November ..	1	1	0	3	0	0	1	1	0	0	4	0	2	2	0	3	5	0	0	5	0	1	1	0	11	19	0	0
December ..	0	0	0	5	1	0	3	3	0	1	5	0	1	2	0	1	1	0	0	2	0	1	5	0	12	19	0	0
Year ..	14	12	0	35	11	1	23	9	0	10	22	0	23	31	0	28	36	1	14	28	0	13	24	0	160	173	2	30

SCILLY.

January ..	2	6	1	3	4	0	1	2	0	0	0	0	0	0	0	1	2	0	0	1	0	2	5	0	9	20	1	1
February ..	1	3	0	0	2	0	0	1	0	0	0	0	0	0	0	0	8	0	0	8	1	1	3	0	2	25	1	0
March	1	0	0	1	1	0	2	2	0	4	3	0	0	2	0	1	1	0	2	4	0	0	5	0	11	18	0	2
April	0	4	0	2	2	0	1	1	0	0	0	0	0	1	0	1	4	0	3	7	0	2	2	0	9	21	0	0
May	2	2	0	1	6	0	5	3	0	0	1	0	1	2	0	1	0	0	2	2	0	2	0	0	14	16	0	1
June	1	1	0	1	1	0	0	0	0	1	2	0	2	4	0	4	6	0	2	3	0	1	1	0	12	18	0	0
July	5	2	0	5	1	0	1	0	0	1	1	0	1	0	0	1	0	0	3	3	0	4	3	0	21	10	0	0
August ..	4	3	0	3	2	0	2	0	0	0	0	0	2	1	0	5	0	0	3	0	0	3	2	0	22	8	0	1
September ..	2	1	0	0	0	0	1	0	0	0	2	0	1	3	0	2	3	0	3	7	1	2	2	0	11	18	1	0
October ..	3	5	0	0	0	0	0	0	0	0	0	0	0	1	0	0	5	0	4	4	0	2	7	0	9	22	0	0
November ..	0	0	0	1	0	0	1	2	0	0	0	0	1	3	0	2	4	0	1	7	0	2	5	1	8	21	1	0
December ..	1	1	0	0	1	0	2	4	0	1	1	0	1	1	0	1	2	0	0	3	1	3	6	2	9	19	3	0
Year ..	22	28	1	17	20	0	16	15	0	7	10	0	9	18	0	19	35	0	23	49	3	24	41	3	137	216	7	5

GUERNSEY (WIRELESS STATION)

January ..	5	2	0	4	4	0	0	2	0	0	0	0	1	0	0	1	1	0	1	1	0	2	3	1	14	13	1	3
February ..	0	1	0	0	3	0	1	1	0	0	0	0	0	2	0	1	6	0	2	4	0	2	5	0	6	22	0	0
March	1	1	0	0	0	0	1	3	0	3	1	0	2	1	0	1	0	0	2	2	0	3	3	0	13	11	0	7
April	1	1	0	2	3	0	0	2	0	0	0	0	2	1	0	2	3	0	3	6	0	0	3	0	10	19	0	1
May	1	0	0	2	8	0	0	7	0	1	1	0	1	0	0	0	1	0	2	1	0	1	0	0	8	18	0	5
June	0	0	0	1	0	0	3	0	0	0	0	0	3	5	0	4	6	0	2	2	0	0	0	0	13	13	0	4
July	2	0	0	4	1	0	0	0	0	2	0	0	0	0	0	0	0	0	7	3	0	4	2	0	19	6	0	6
August ..	3	0	0	0	1	0	2	0	0	0	1	0	0	0	0	0	1	0	1	1	0	5	2	0	11	6	0	14
September ..	1	0	0	0	0	0	0	0	0	5	0	0	1	1	0	1	5	0	2	6	0	2	3	0	12	15	0	3
October ..	1	0	0	1	0	0	0	0	0	1	0	0	1	0	0	3	4	0	7	5	0	2	4	0	16	13	0	2
November ..	1	0	0	0	0	0	1	0	0	3	1	0	2	2	0	2	5	0	3	2	0	3	3	0	15	13	0	2
December ..	3	0	0	0	5	0	0	2	0	2	0	0	1	2	0	0	4	0	0	3	0	3	4	0	9	20	0	2
Year ..	19	5	0	14	25	0	8	17	0	17	4	0	14	14	0	15	36	0	32	36	0	27	32	1	146	169	1	49

METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON: G. C. SIMPSON, K.C.B., D.Sc., F.R.S., Director. South Kensington, S.W.7.

Printed under the authority of His Majesty's Stationery Office
By Eyre and Spottiswoode Limited, East Harding Street, E.C. 4
Printers to the King's most Excellent Majesty

s (375)14198(10972) Wt 3232—317 1000 3/36 E & S (Item 11)

S.O. Code No. 40-9999